

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084489.D
 Acq On : 15 Jan 2016 14:25
 Operator : SJ/UM
 Sample : PB87825BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:31:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	323318	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1321645	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	617462	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	1113724	20.00	ng	0.01
75) Chrysene-d12	13.99	240	656564	20.00	ng	0.00
86) Perylene-d12	15.40	264	631489	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1334072	66.74	ng	0.01
7) Phenol-d6	6.46	99	1766089	70.35	ng	0.00
23) Nitrobenzene-d5	7.39	82	1474343	62.09	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	411167	65.96	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2665324	75.21	ng	0.00
78) Terphenyl-d14	12.93	244	2226851	75.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	287154	30.33	ng	# 76
3) Pyridine	3.20	79	827783	31.35	ng	# 78
4) n-Nitrosodimethylamine	3.15	42	412204	30.42	ng	# 90
6) Aniline	6.49	93	399251	10.87	ng	# 48
8) 2-Chlorophenol	6.61	128	834355	36.79	ng	97
9) Benzaldehyde	6.36	77	110311	6.75	ng	92
10) Phenol	6.49	94	925922	32.44	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	789963	35.73	ng	97
12) 1,3-Dichlorobenzene	6.76	146	799940	34.19	ng	# 95
13) 1,4-Dichlorobenzene	6.84	146	829114	35.34	ng	95
14) 1,2-Dichlorobenzene	6.99	146	721852	32.13	ng	95
15) Benzyl Alcohol	6.97	79	624804	29.59	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1249947	31.04	ng	88
17) 2-Methylphenol	7.09	107	680385	35.80	ng	96
18) Hexachloroethane	7.33	117	309420	32.98	ng	93
19) n-Nitroso-di-n-propylamine	7.24	70	512273	30.14	ng	# 74
20) 3+4-Methylphenols	7.24	107	781578	34.98	ng	# 58
22) Acetophenone	7.24	105	1092526	34.38	ng	# 93
24) Nitrobenzene	7.41	77	897085	37.25	ng	92
25) Isophorone	7.65	82	1542134	33.95	ng	97
26) 2-Nitrophenol	7.73	139	429852	39.21	ng	# 89
27) 2,4-Dimethylphenol	7.78	122	767402	34.59	ng	87
28) bis(2-Chloroethoxy)methane	7.87	93	997205	35.95	ng	# 96
29) 2,4-Dichlorophenol	7.97	162	651557	35.25	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	686257	35.97	ng	96
31) Naphthalene	8.13	128	2108873	35.17	ng	98
32) Benzoic acid	7.90	122	439090	33.01	ng	92
33) 4-Chloroaniline	8.18	127	197296	7.18	ng	97
34) Hexachlorobutadiene	8.25	225	369749	33.71	ng	97
35) Caprolactam	8.56	113	145285	23.32	ng	# 50
36) 4-Chloro-3-methylphenol	8.68	107	726906	35.11	ng	100
37) 2-Methylnaphthalene	8.83	142	1513378	35.16	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	579424	32.64	ng	98
40) Hexachlorocyclopentadiene	8.98	237	516514	48.20	ng	97

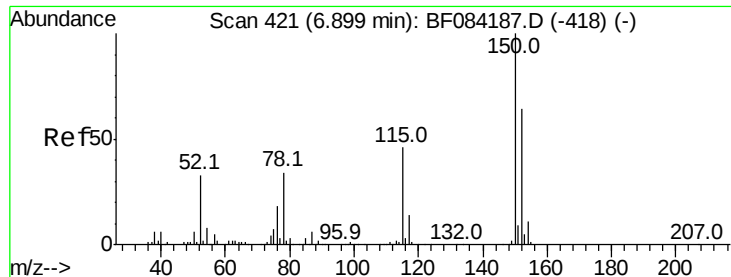
Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	433358	32.63	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	437114	34.33	nq	# 82
45) 1,1'-Biphenyl	9.29	154	1659320	33.81	nq	98
46) 2-Chloronaphthalene	9.31	162	1308208	33.94	nq	96
47) 2-Nitroaniline	9.41	65	426204	33.50	nq	95
48) Acenaphthylene	9.73	152	2068562	36.32	nq	97
49) Dimethylphthalate	9.60	163	1454768	32.96	nq	# 89
50) 2,6-Dinitrotoluene	9.65	165	339993	35.12	nq	# 48
51) Acenaphthene	9.90	154	1508103	39.48	nq	97
52) 3-Nitroaniline	9.82	138	178109	14.85	nq	# 81
53) 2,4-Dinitrophenol	9.94	184	332436	80.58	nq	# 71
54) Dibenzofuran	10.08	168	1762786	34.97	nq	95
55) 4-Nitrophenol	10.01	139	644276	73.99	nq	92
56) 2,4-Dinitrotoluene	10.06	165	508805	41.52	nq	88
57) Fluorene	10.42	166	1403911	36.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	357425	32.88	nq	88
59) Diethylphthalate	10.29	149	1445968	33.22	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	593317	35.00	nq	92
61) 4-Nitroaniline	10.44	138	363426	33.98	nq	86
62) Azobenzene	10.57	77	1564573	32.78	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	215433	32.00	nq	# 61
65) n-Nitrosodiphenylamine	10.53	169	1288746	36.19	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	397862	33.19	nq	# 83
67) Hexachlorobenzene	10.97	284	461857	34.23	nq	# 89
68) Atrazine	11.06	200	374607	32.15	nq	99
69) Pentachlorophenol	11.16	266	435132	62.20	nq	98
70) Phenanthrene	11.38	178	2044018	35.09	nq	95
71) Anthracene	11.42	178	1969062	34.48	nq	98
72) Carbazole	11.58	167	1716232	30.74	nq	99
73) Di-n-butylphthalate	11.92	149	2174194	34.35	nq	# 96
74) Fluoranthene	12.57	202	2073393	34.07	nq	94
76) Benzidine	12.68	184	619853	26.33	nq	98
77) Pyrene	12.80	202	2002198	38.86	nq	100
79) Butylbenzylphthalate	13.41	149	848229	38.04	nq	88
80) Benzo(a)anthracene	13.97	228	1366363	35.44	nq	98
81) 3,3'-Dichlorobenzidine	13.94	252	283216	21.05	nq	# 92
82) Chrysene	14.02	228	1394359	37.64	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	1040299	36.93	nq	98
84) Di-n-octyl phthalate	14.59	149	1762730	37.07	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.80	276	1416287	48.23	nq	98
87) Benzo(b)fluoranthene	15.00	252	2517284	60.94	nq	# 95
88) Benzo(k)fluoranthene	15.00	252	2518961	74.56	nq	99
89) Benzo(a)pyrene	15.35	252	1235315	35.26	nq	# 93
90) Dibenzo(a,h)anthracene	16.81	278	1169659	38.79	nq	98
91) Benzo(g,h,i)perylene	17.21	276	1220642	39.09	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

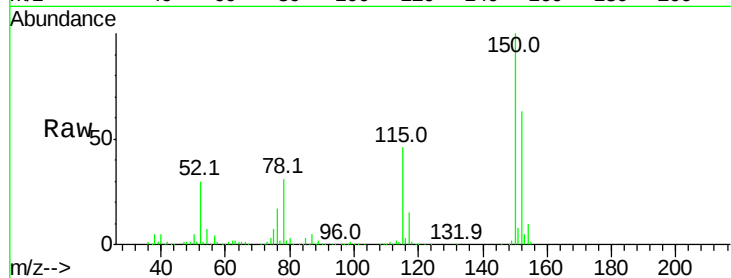
Tot Ion:152 Resp: 323318

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

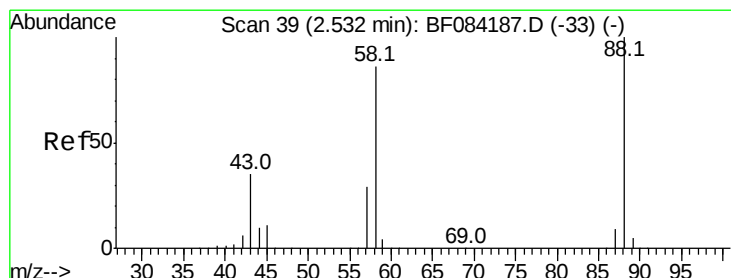
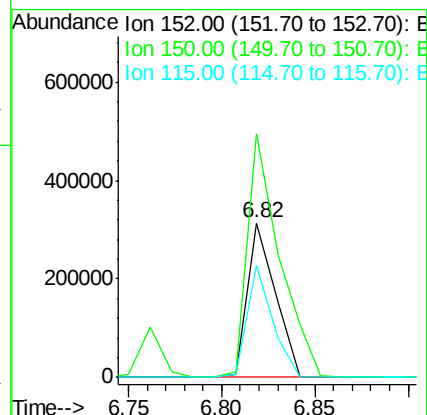
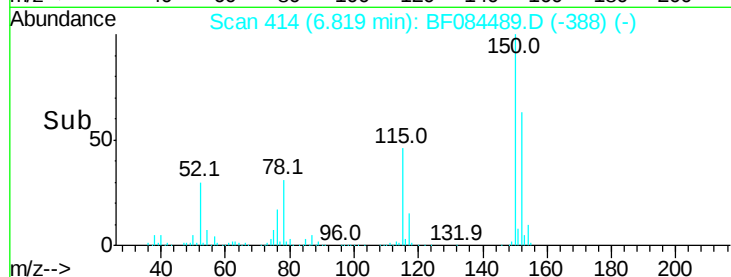
115 72.3 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.33 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.10 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

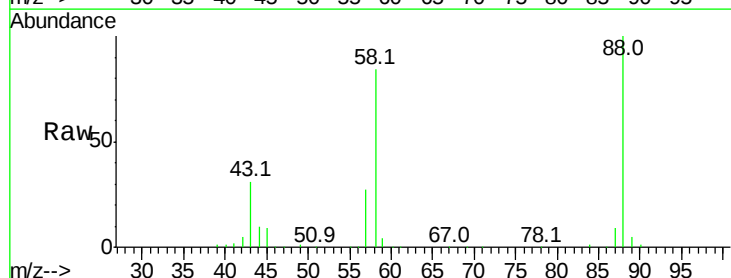
Tgt Ion: 88 Resp: 287154

Ion Ratio Lower Upper

88 100

58 84.6 51.2 76.8#

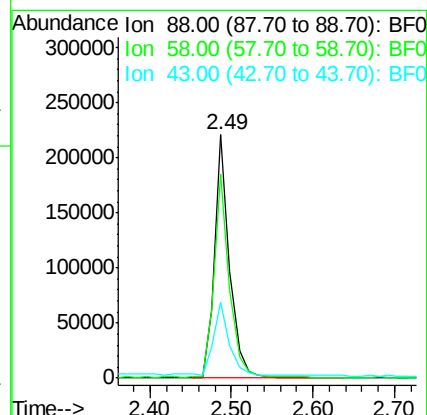
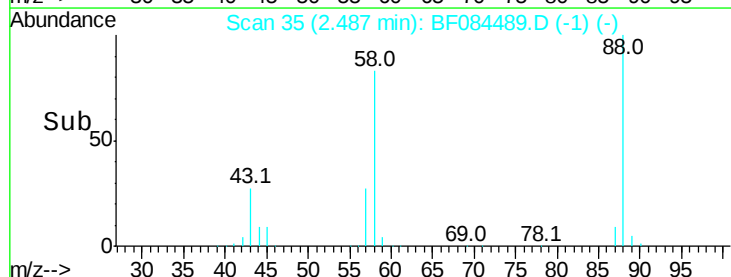
43 32.5 19.5 29.3#

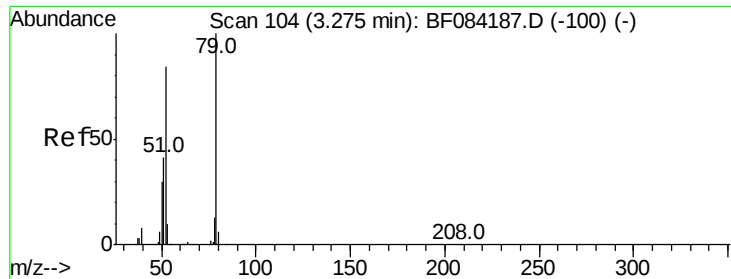


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.35 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.09 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampled :

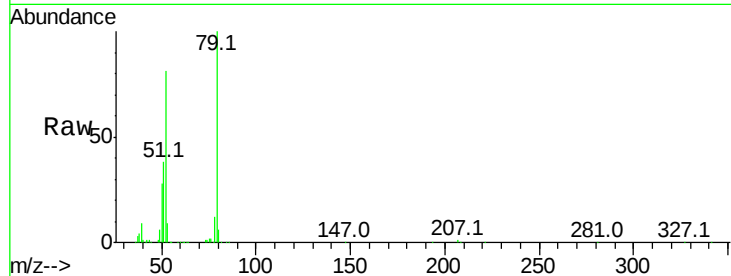
Tot Ion: 79 Resp: 827783

Ion Ratio Lower Upper

79 100

52 81.4 49.0 73.4#

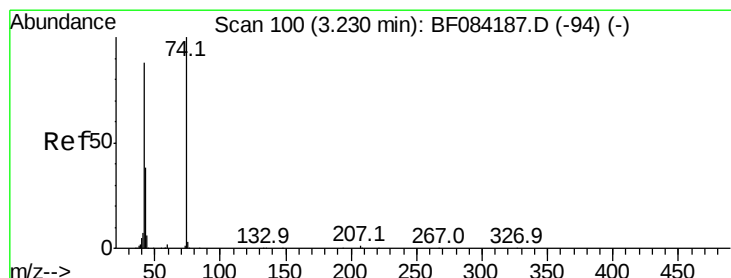
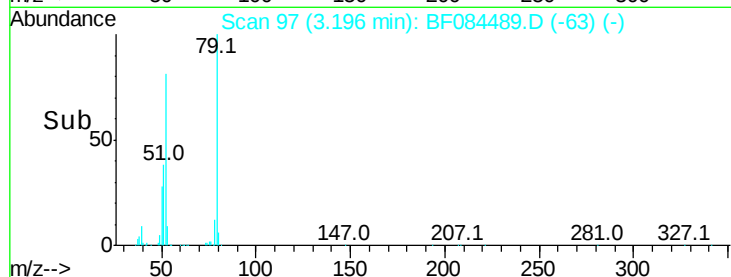
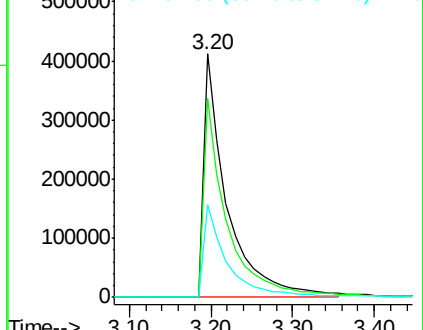
51 38.2 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 30.42 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

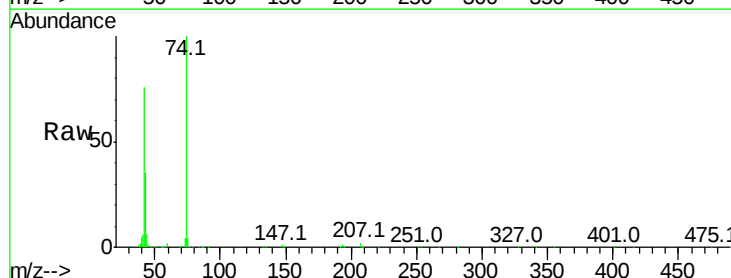
Tgt Ion: 42 Resp: 412204

Ion Ratio Lower Upper

42 100

74 131.6 115.7 173.5

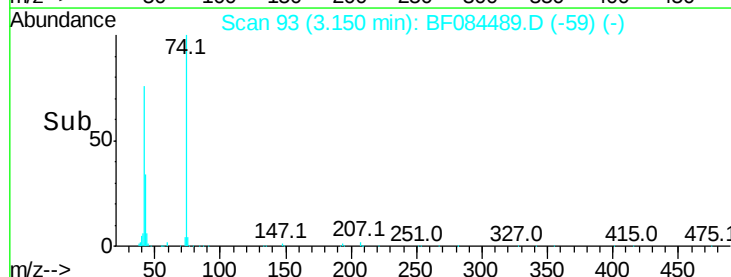
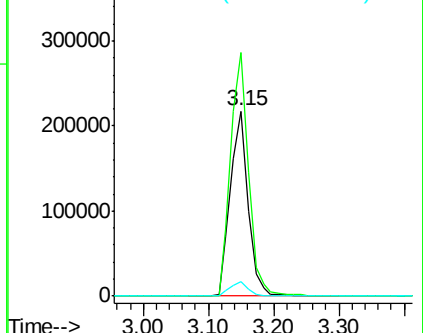
44 7.8 5.1 7.7#

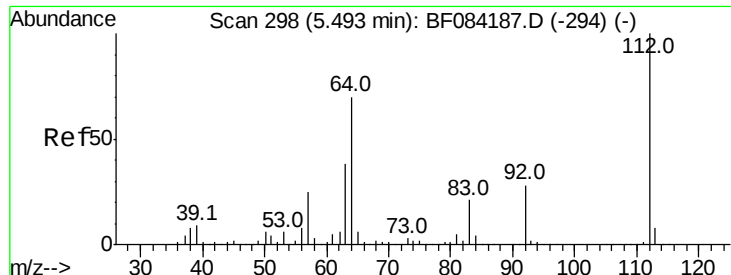


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 66.74 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :
BNA_F
ClientSampled :

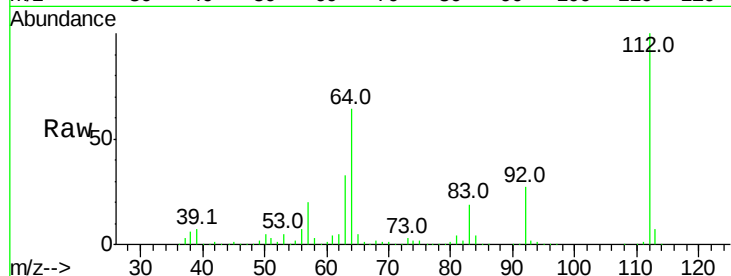
Tot Ion:112 Resp: 1334072

Ion Ratio Lower Upper

112 100

64 64.4 36.6 55.0#

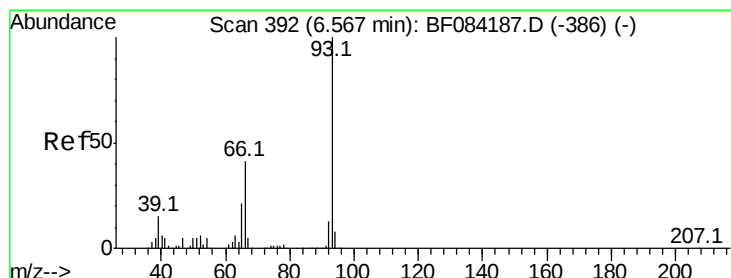
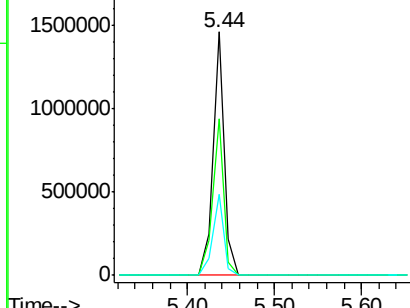
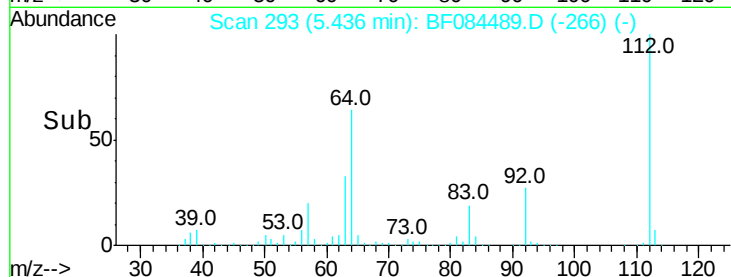
63 33.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.87 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

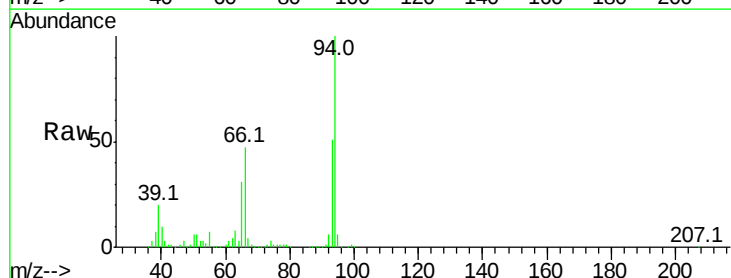
Tgt Ion: 93 Resp: 399251

Ion Ratio Lower Upper

93 100

66 92.0 44.9 67.3#

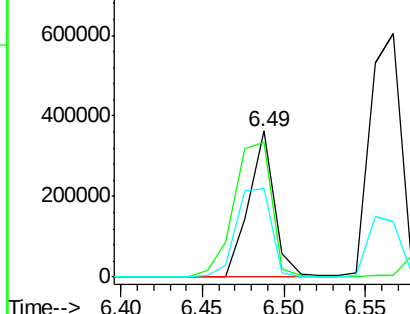
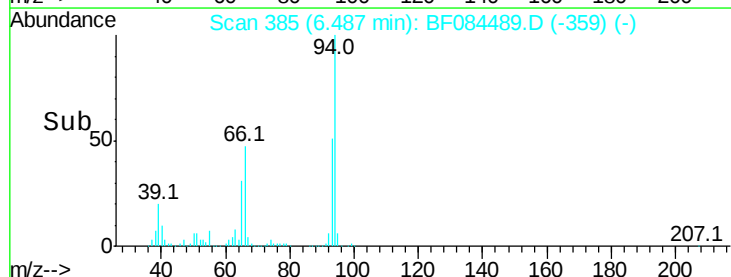
65 60.8 23.7 35.5#

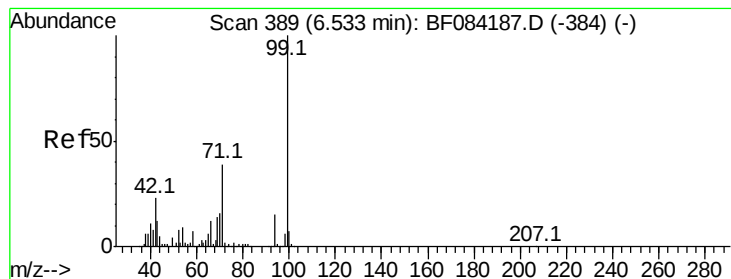


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 70.35 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

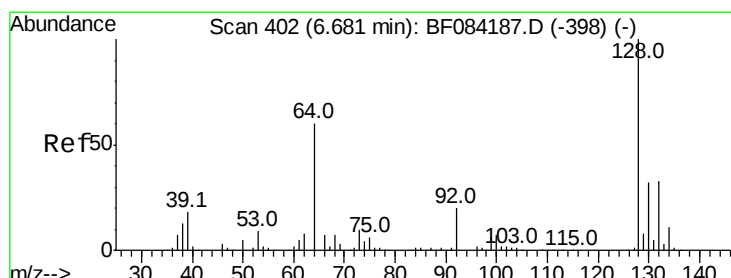
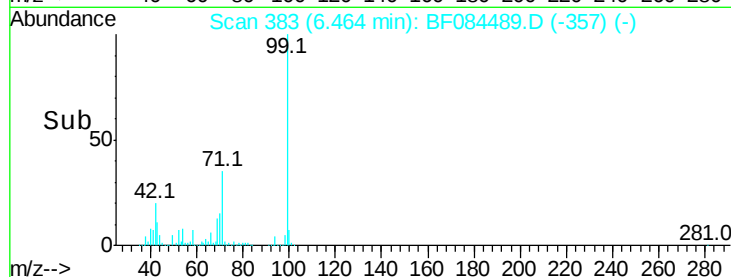
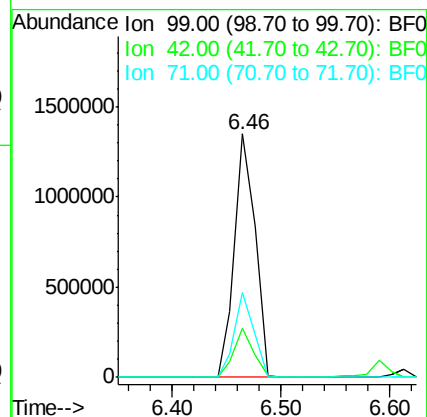
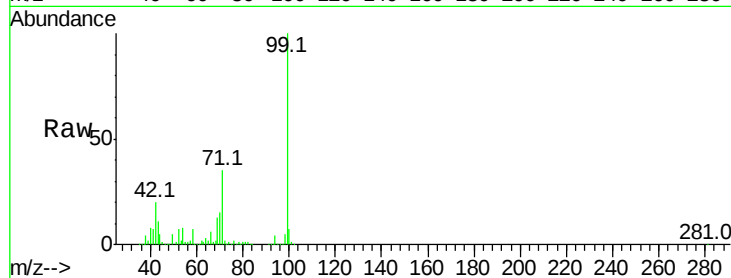
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1766089

Ion	Ratio	Lower	Upper
99	100		
42	20.1	12.8	19.2#
71	34.6	30.9	46.3



#8

2-Chlorophenol

Concen: 36.79 ng

RT: 6.61 min Scan# 396

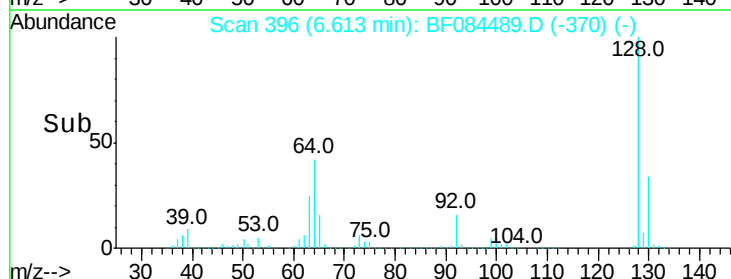
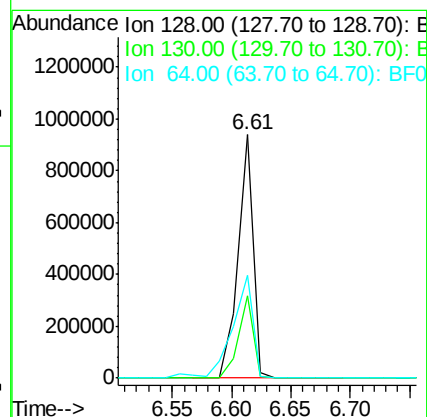
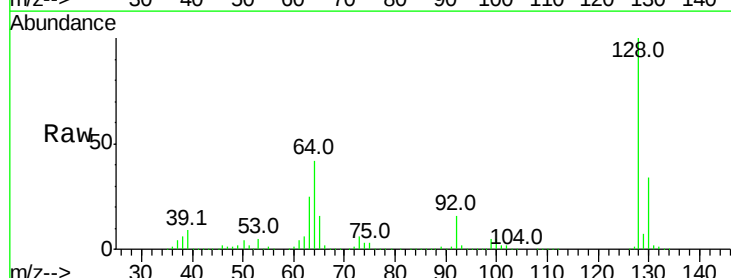
Delta R.T. 0.00 min

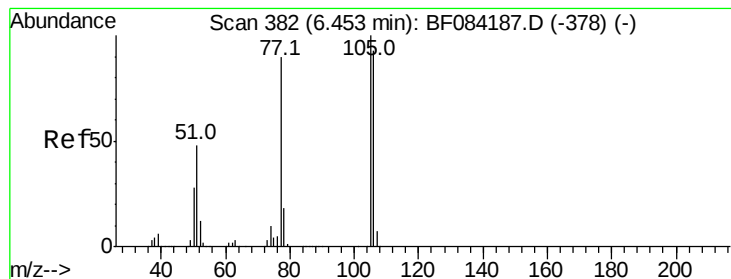
Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Tgt Ion: 128 Resp: 834355

Ion	Ratio	Lower	Upper
128	100		
130	33.8	11.6	51.6
64	42.4	23.8	63.8





#9

Benzaldehyde

Concen: 6.75 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

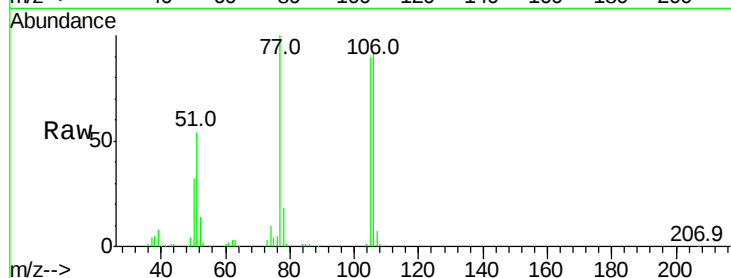
Tot Ion: 77 Resp: 110311

Ion Ratio Lower Upper

77 100

105 89.7 83.0 123.0

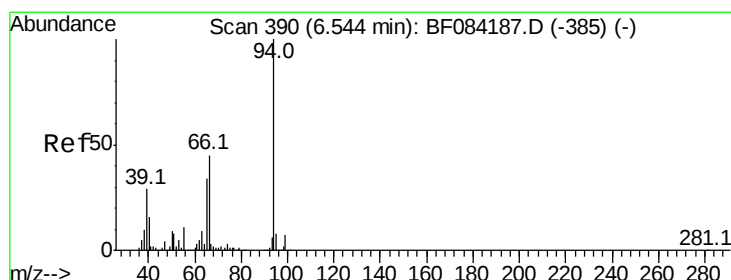
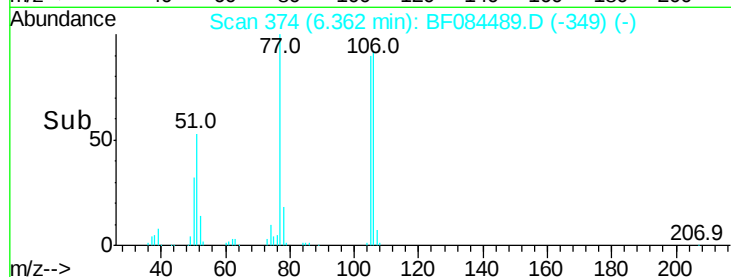
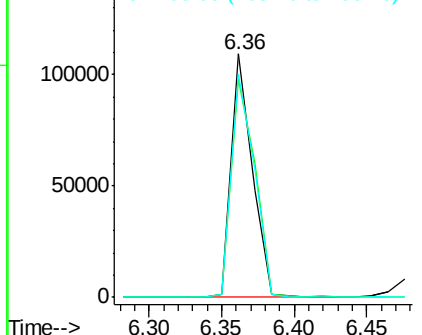
106 91.5 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.44 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

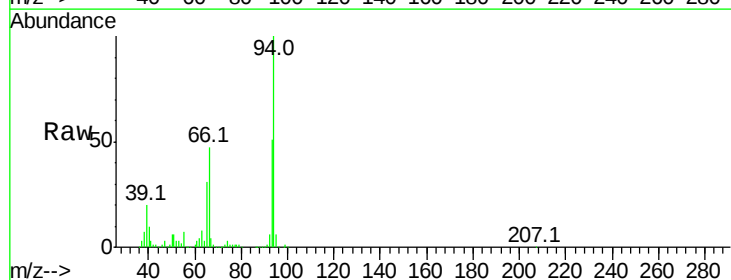
Tgt Ion: 94 Resp: 925922

Ion Ratio Lower Upper

94 100

65 30.9 12.9 52.9

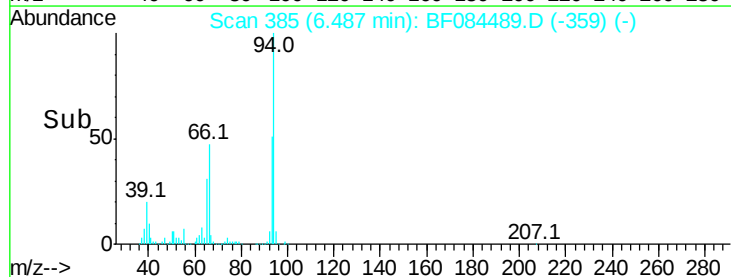
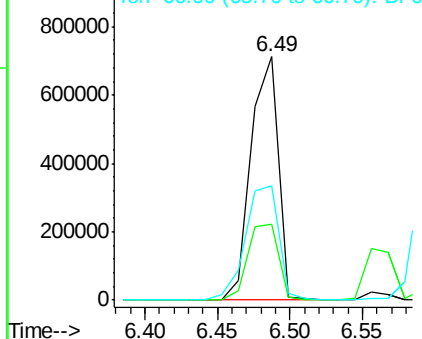
66 46.9 32.7 72.7

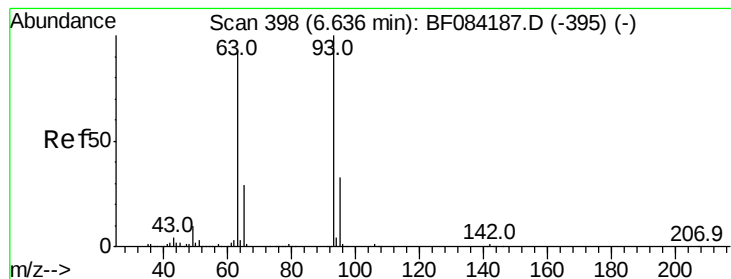


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.73 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

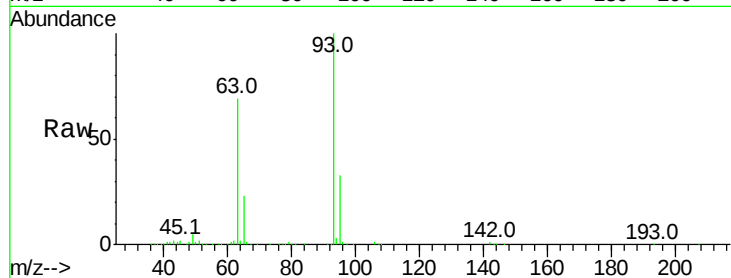
Tot Ion: 93 Resp: 789963

Ion Ratio Lower Upper

93 100

63 68.9 45.9 85.9

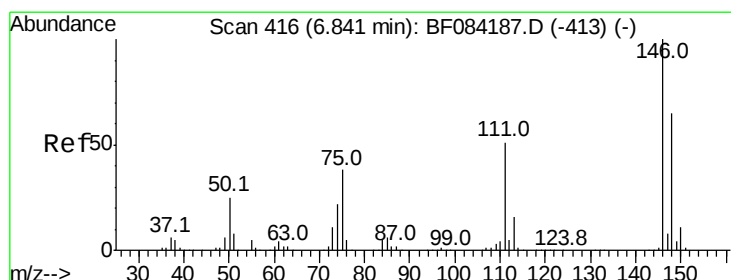
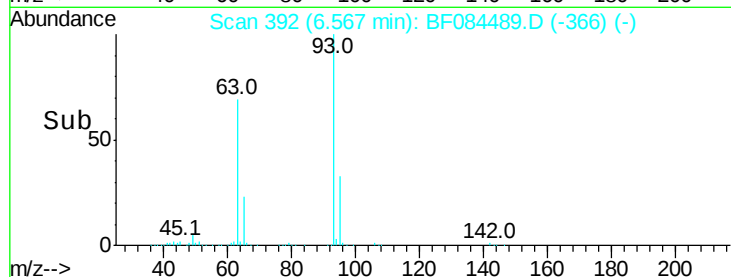
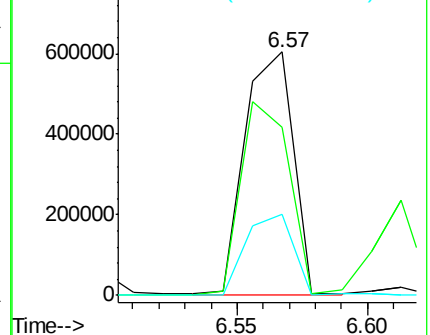
95 33.3 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 34.19 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

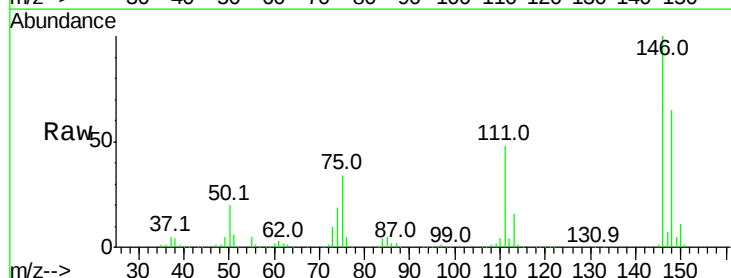
Tgt Ion: 146 Resp: 799940

Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

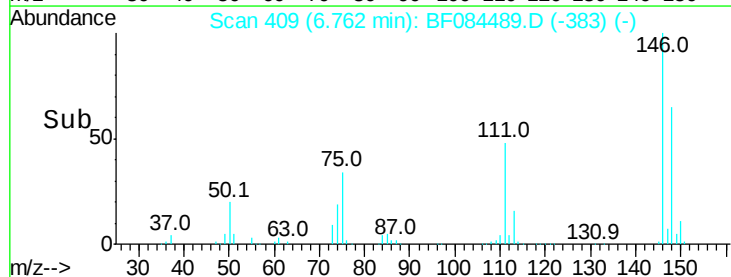
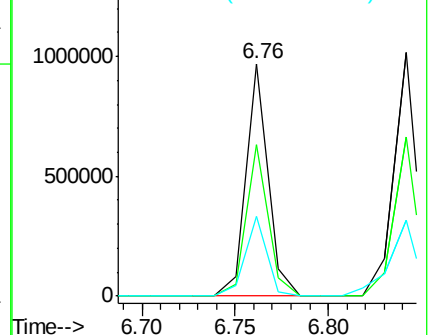
75 34.2 20.5 30.7#

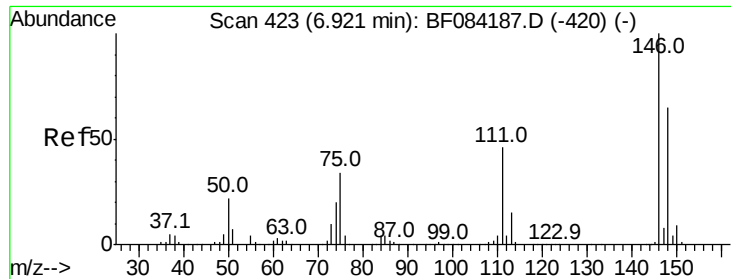


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 35.34 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

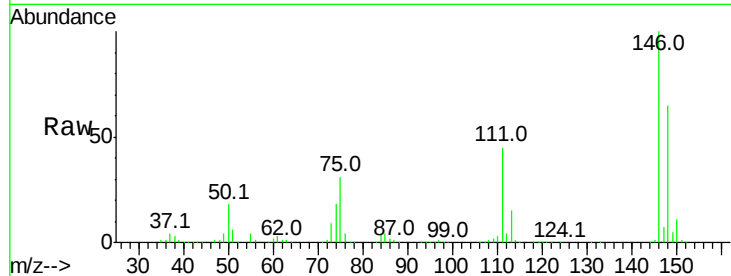
Tot Ion:146 Resp: 829114

Ion Ratio Lower Upper

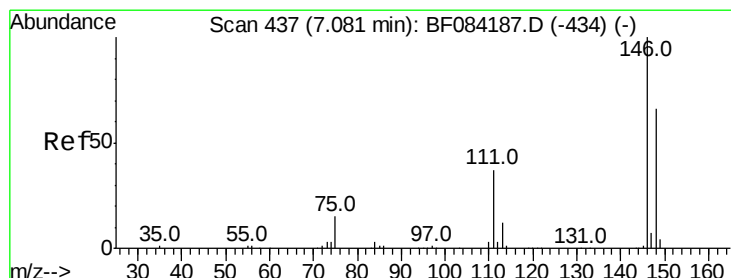
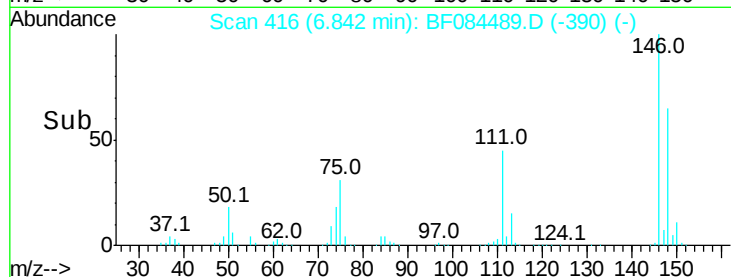
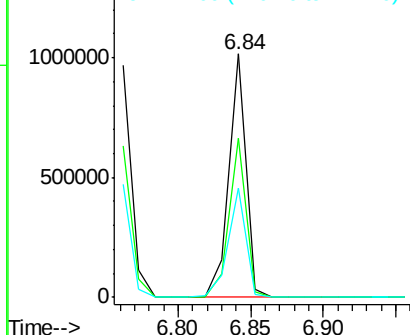
146 100

148 65.4 51.9 77.9

111 44.6 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.13 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

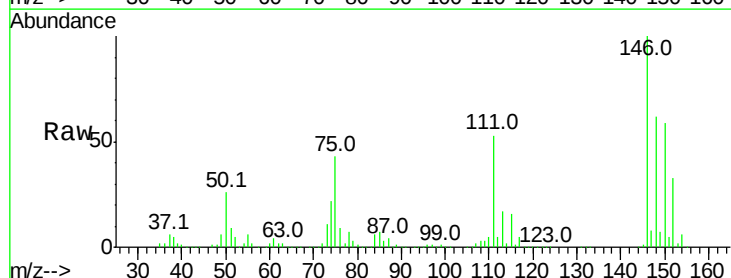
Tgt Ion:146 Resp: 721852

Ion Ratio Lower Upper

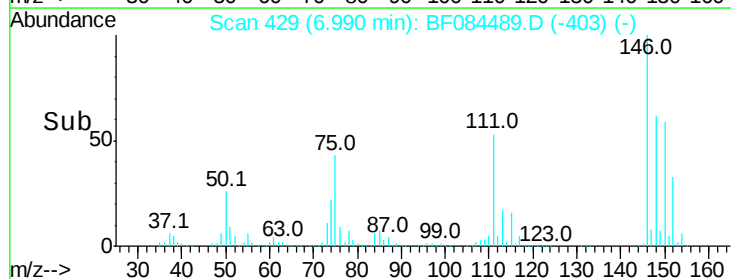
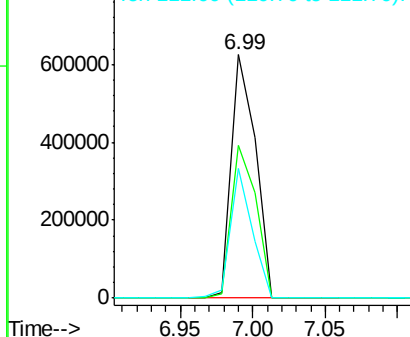
146 100

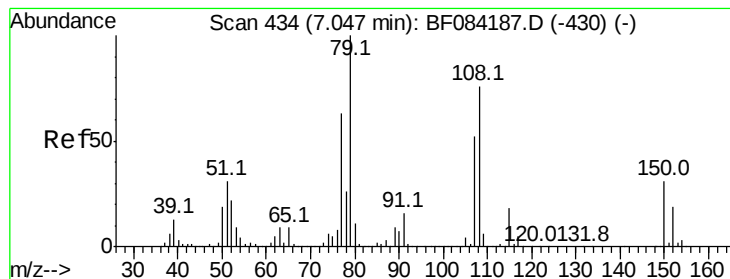
148 62.5 51.6 77.4

111 53.1 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.59 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :
BNA_F
ClientSampled :

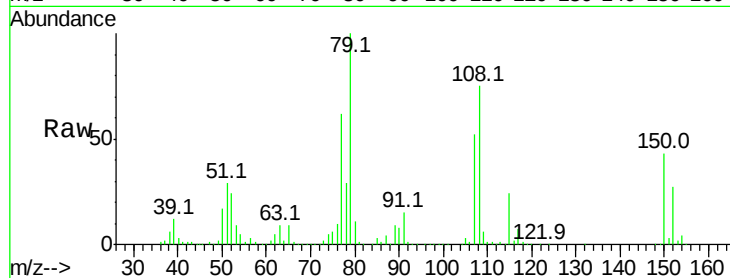
Tot Ion: 79 Resp: 624804

Ion Ratio Lower Upper

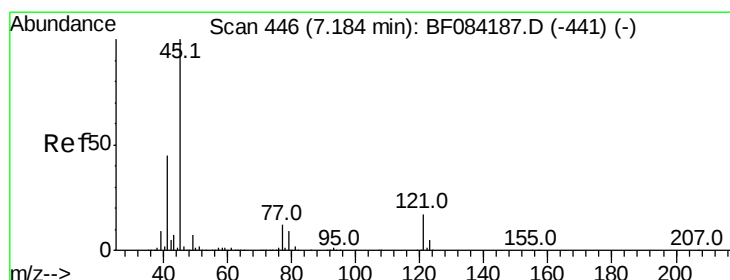
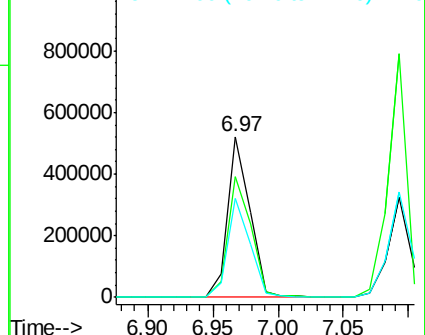
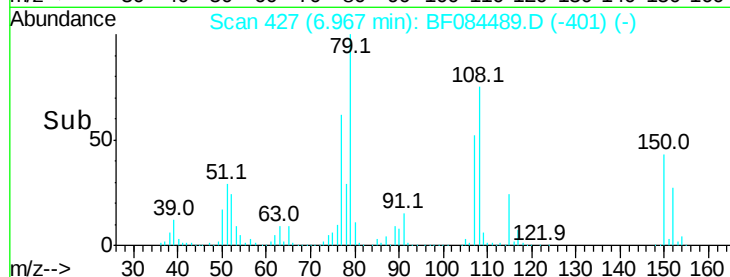
79 100

108 75.0 69.0 103.4

77 61.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.04 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

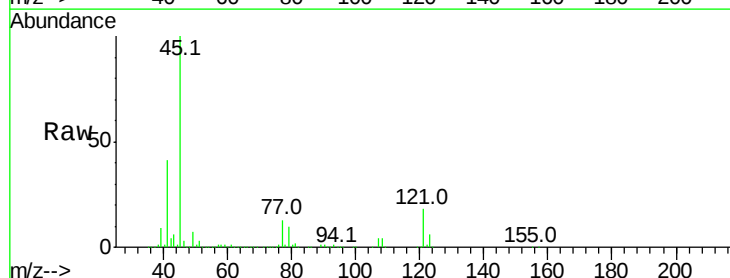
Tgt Ion: 45 Resp: 1249947

Ion Ratio Lower Upper

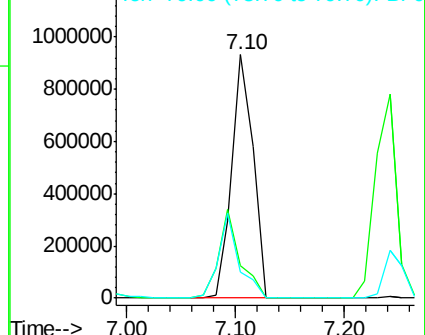
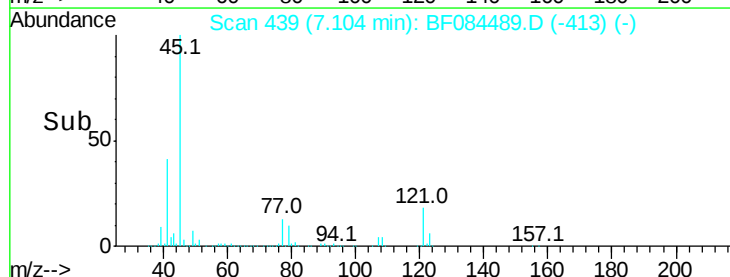
45 100

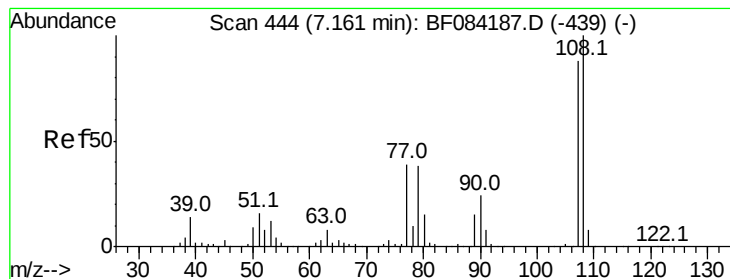
77 13.3 0.0 39.6

79 10.5 0.0 35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.80 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 680385

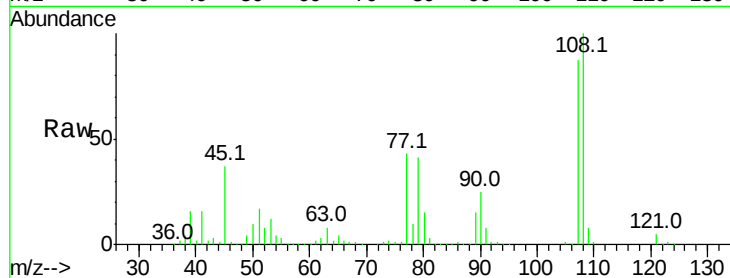
Ion Ratio Lower Upper

107 100

108 115.3 89.8 134.6

77 49.8 35.7 53.5

79 47.2 35.7 53.5

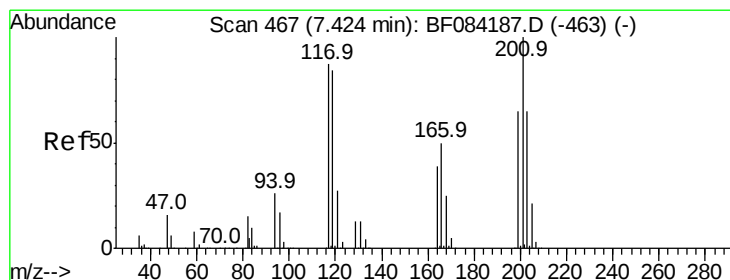
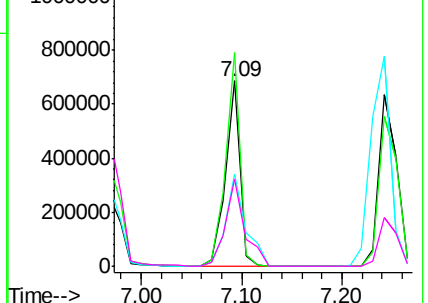
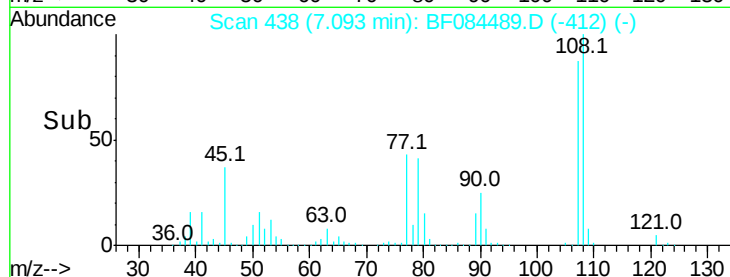


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.98 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

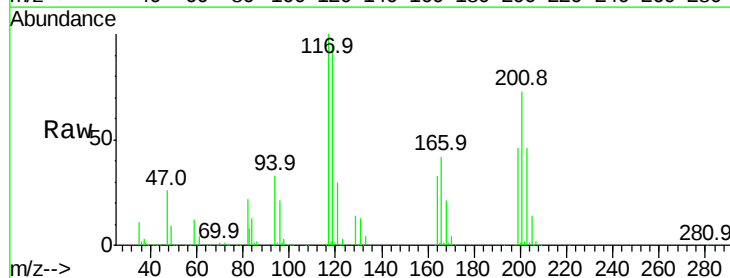
Tgt Ion:117 Resp: 309420

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

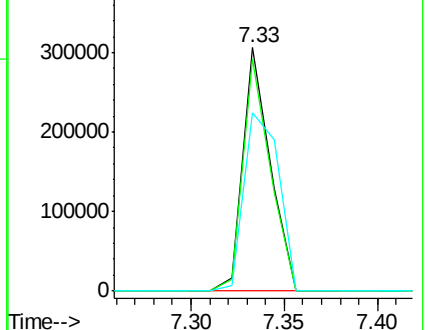
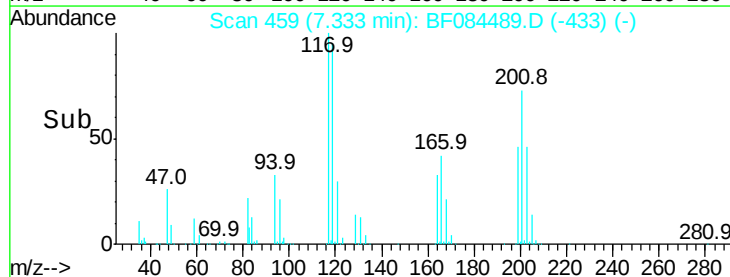
201 73.2 68.6 103.0

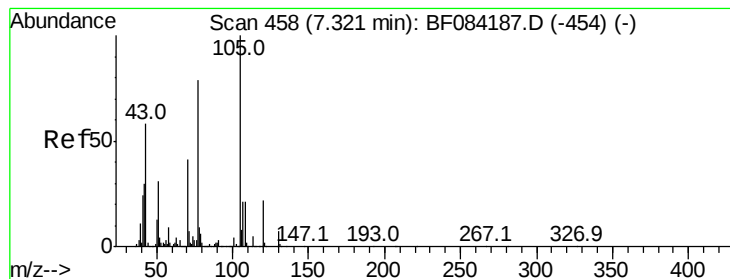


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 30.14 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 512273

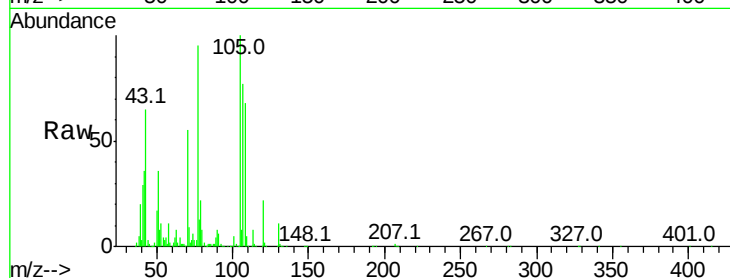
Ion Ratio Lower Upper

70 100

42 64.4 33.3 49.9#

101 8.7 9.3 13.9#

130 19.4 23.4 35.0#

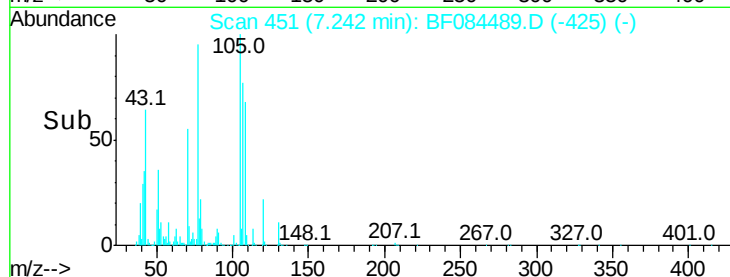
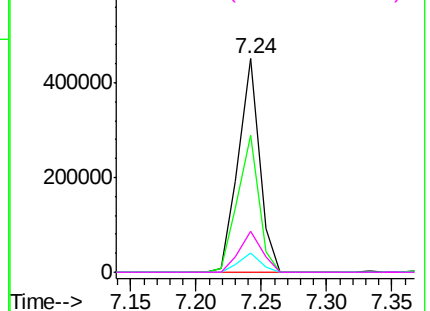


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 34.98 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Tgt Ion:107 Resp: 781578

Ion Ratio Lower Upper

107 100

108 87.7 74.6 114.6

77 122.8 0.7 40.7#

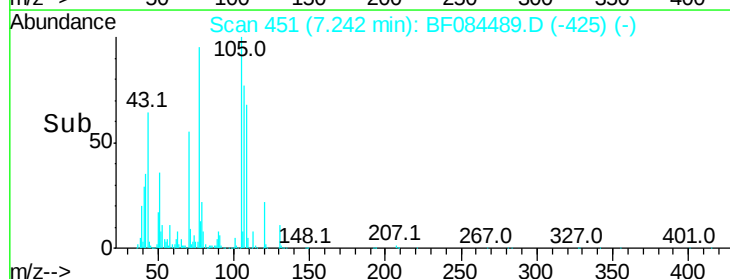
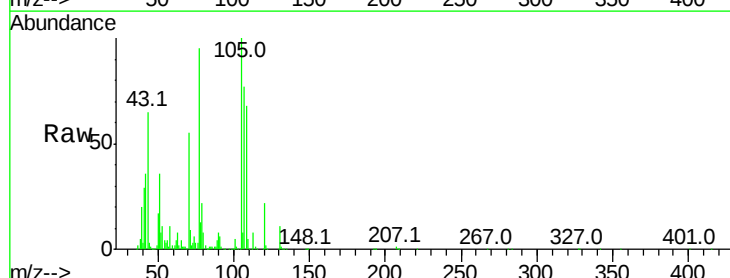
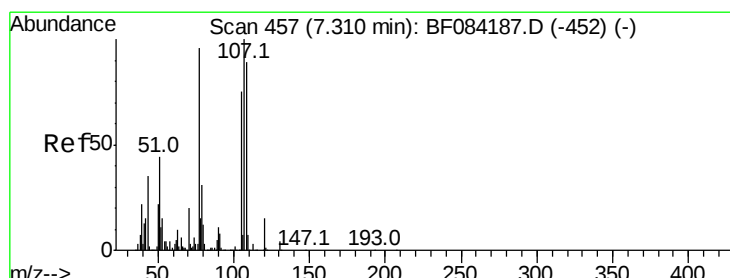
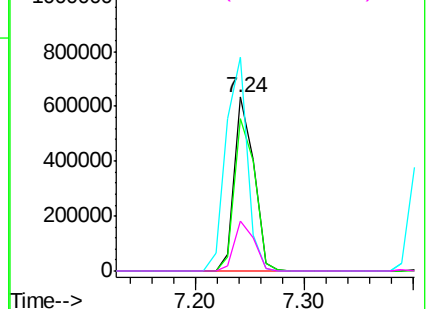
79 28.5 0.0 39.0

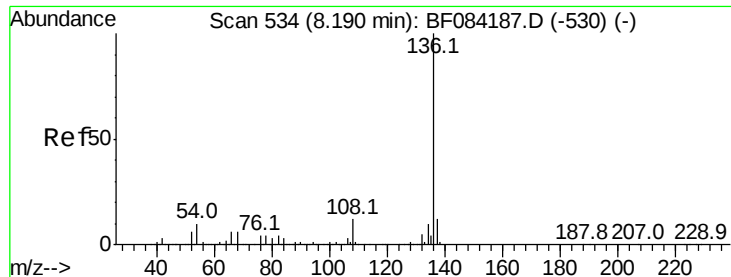
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

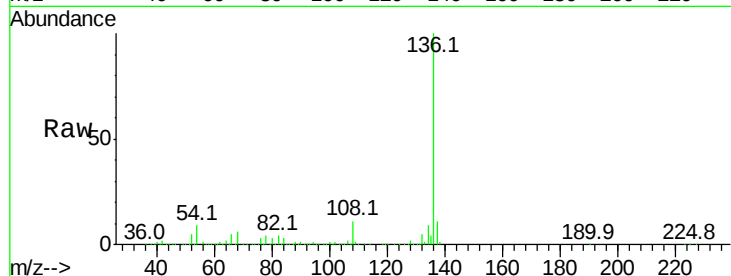
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1321645

Ion Ratio Lower Upper

136	100		
137	11.4	8.7	13.1
54	9.5	5.8	8.8#
68	6.0	4.2	6.2

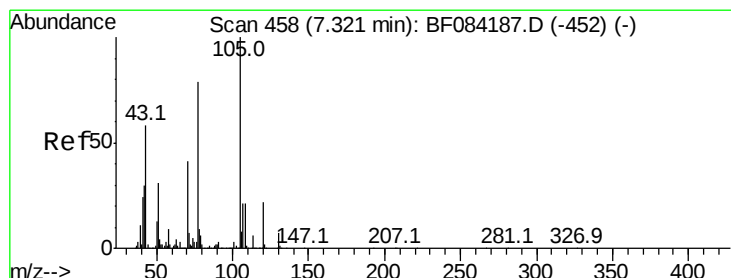
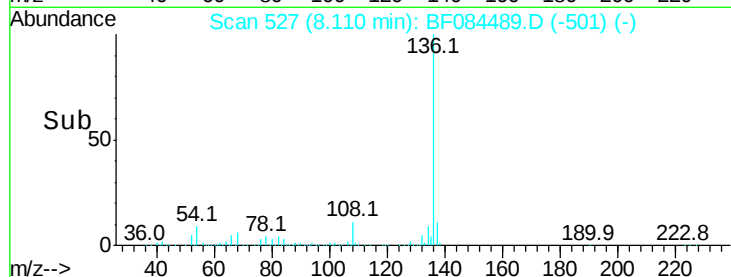
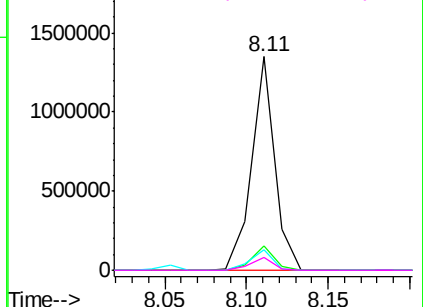


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.38 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Tgt Ion:105 Resp: 1092526

Ion Ratio Lower Upper

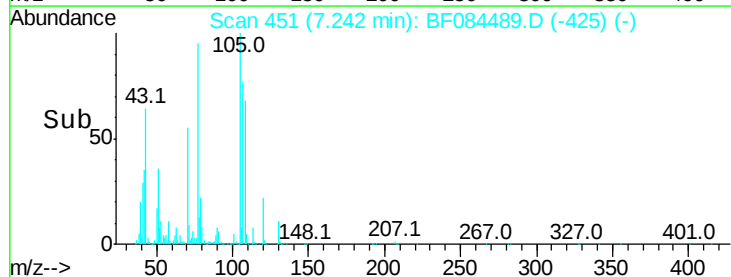
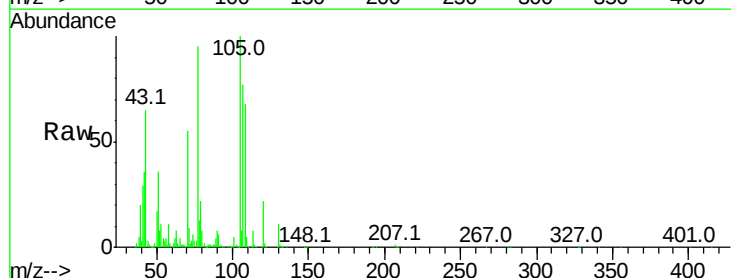
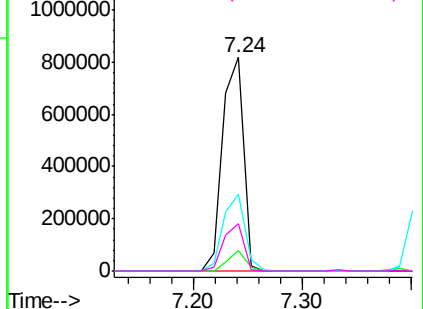
105	100		
71	9.4	3.7	5.5#
51	36.0	25.1	37.7
120	22.0	16.6	25.0

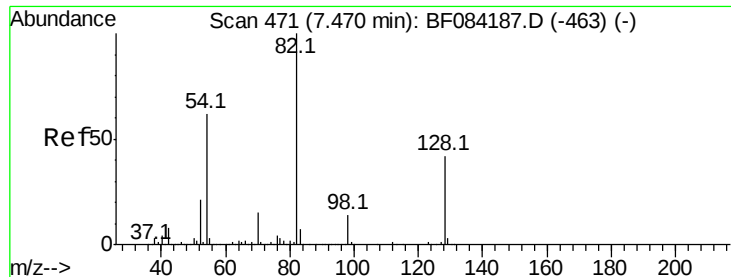
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

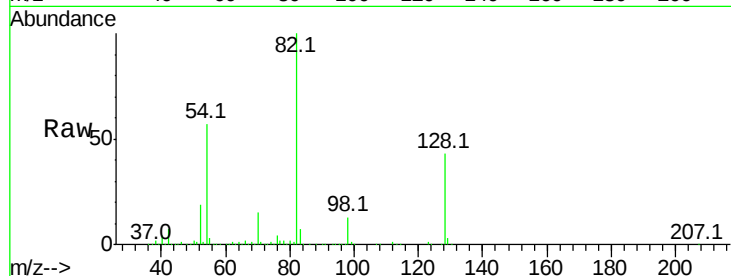




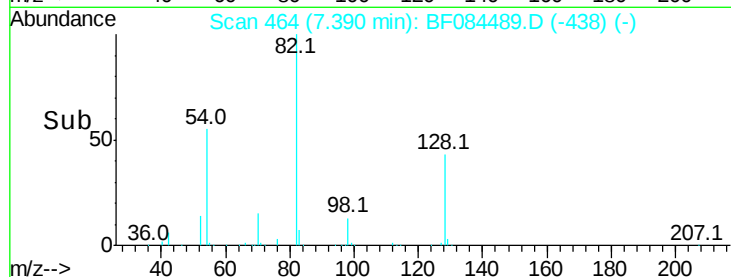
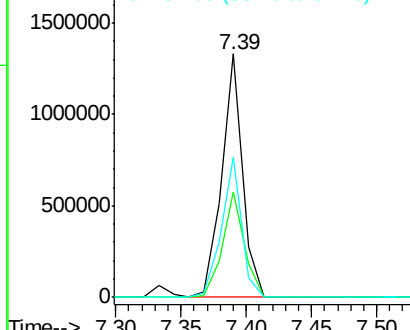
#23
Nitrobenzene-d5
Concen: 62.09 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1474343
Ion Ratio Lower Upper
82 100
128 43.4 34.6 51.8
54 57.3 38.4 57.6

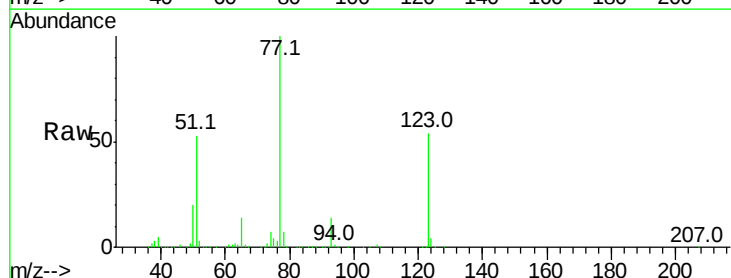
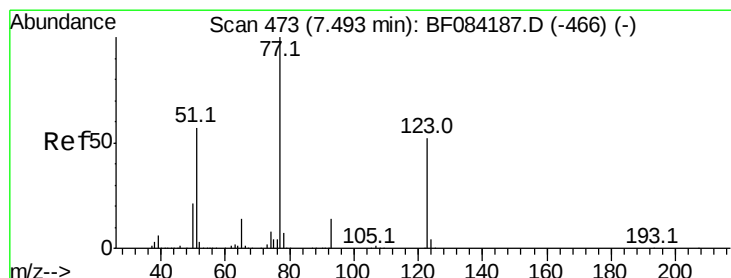


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

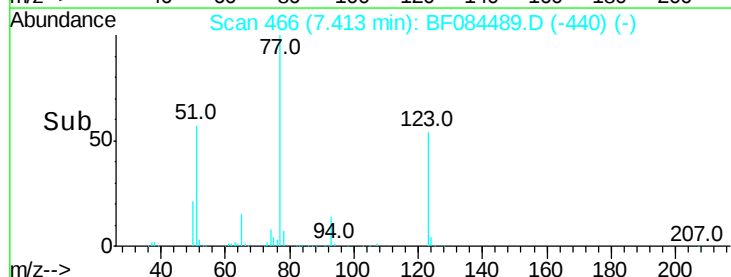
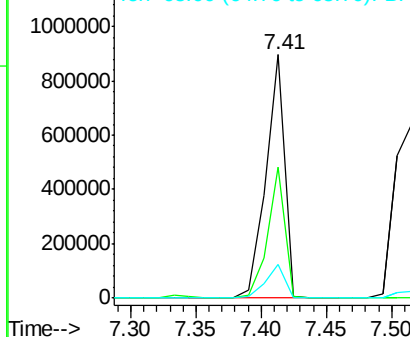


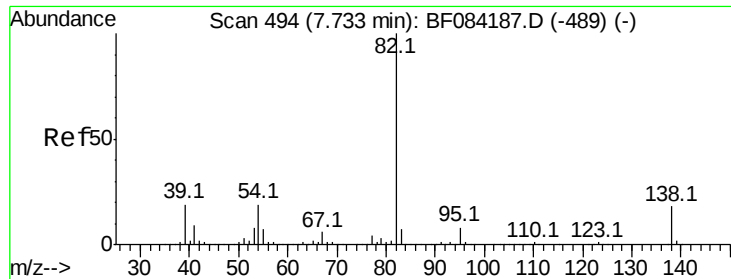
#24
Nitrobenzene
Concen: 37.25 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Tgt Ion: 77 Resp: 897085
Ion Ratio Lower Upper
77 100
123 53.7 37.4 56.2
65 14.0 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.95 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

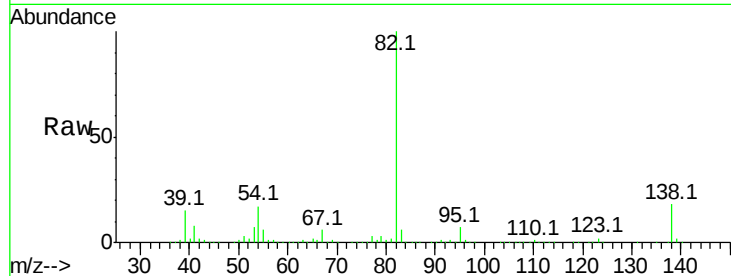
Tot Ion: 82 Resp: 1542134

Ion Ratio Lower Upper

82 100

95 7.2 6.6 10.0

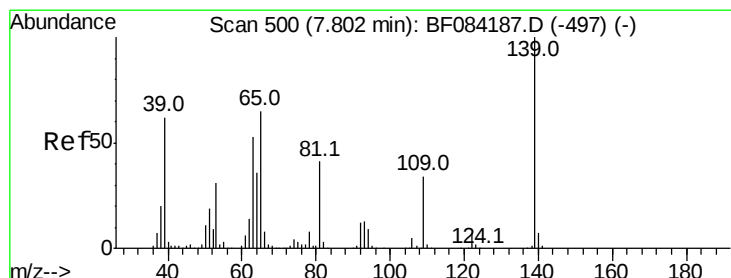
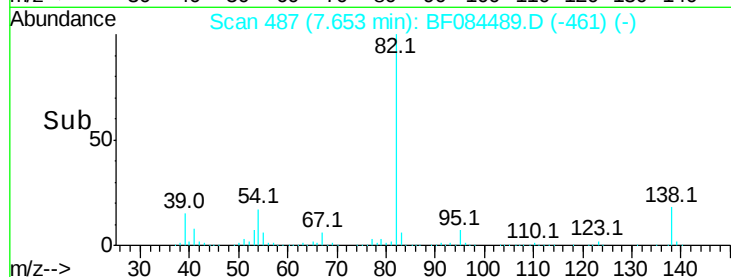
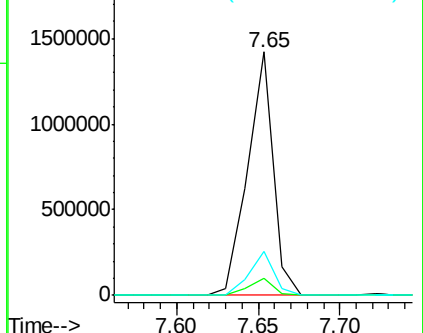
138 18.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.21 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

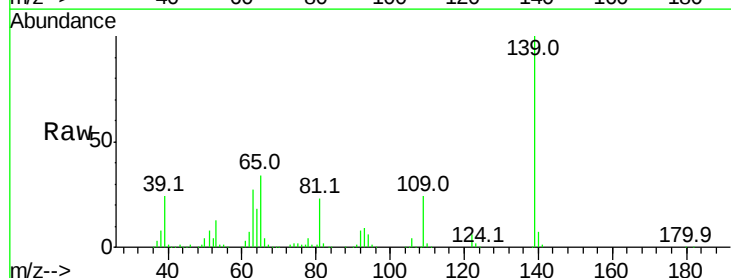
Tgt Ion: 139 Resp: 429852

Ion Ratio Lower Upper

139 100

109 24.3 25.4 38.2#

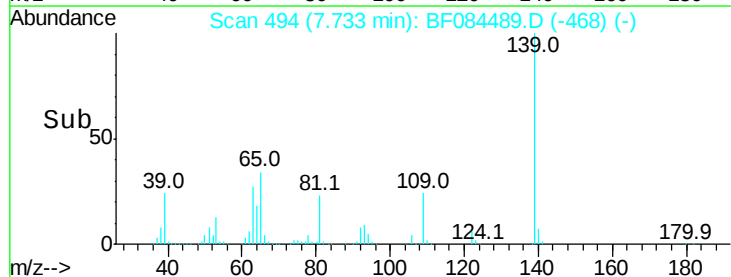
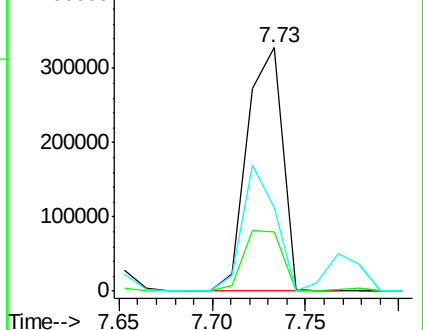
65 34.3 32.3 48.5

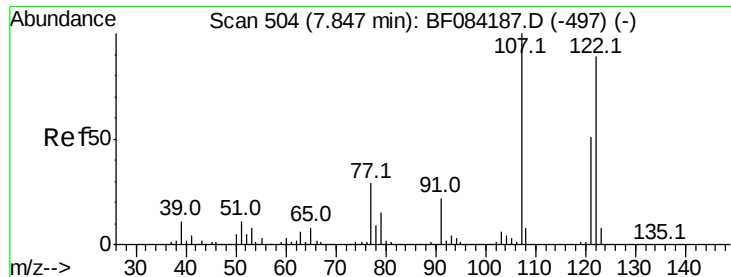


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.59 ng

RT: 7.78 min Scan# 498

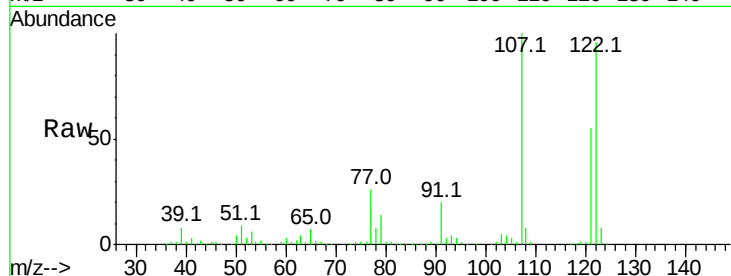
Delta R.T. 0.00 min

Lab File: BF084489.D

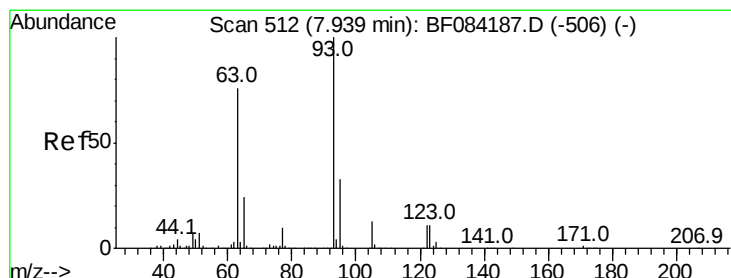
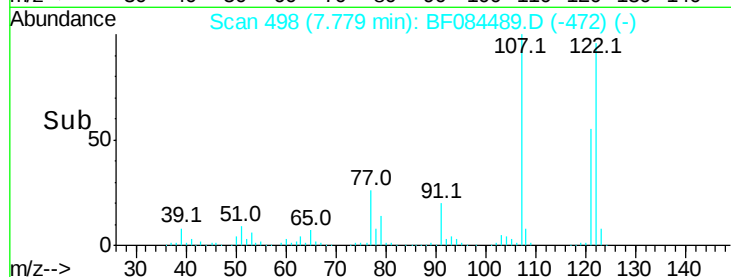
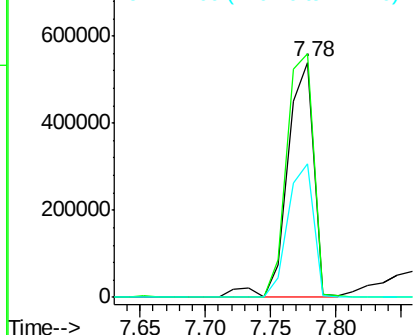
Acq: 15 Jan 2016 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 767402
Ion Ratio Lower Upper
122 100
107 103.7 99.1 148.7
121 57.1 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.95 ng

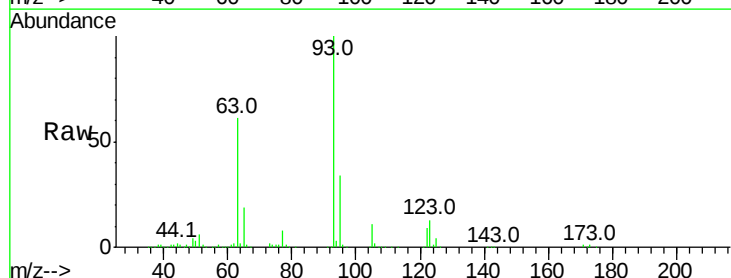
RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

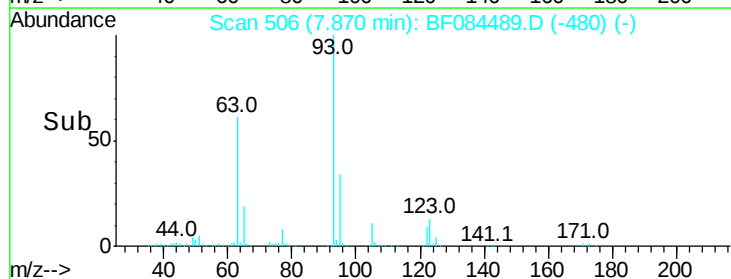
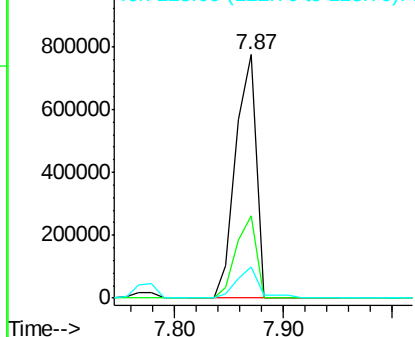
Lab File: BF084489.D

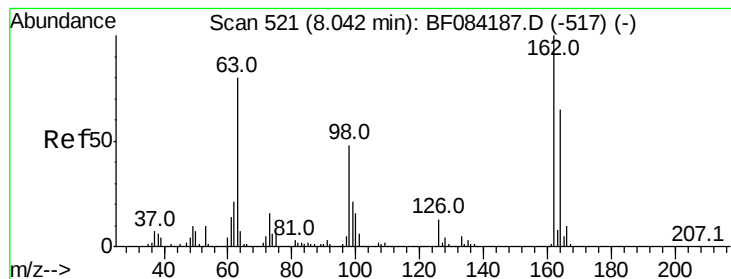
Acq: 15 Jan 2016 14:25

Tgt Ion: 93 Resp: 997205
Ion Ratio Lower Upper
93 100
95 33.9 25.8 38.6
123 12.9 8.6 12.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.25 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampled :

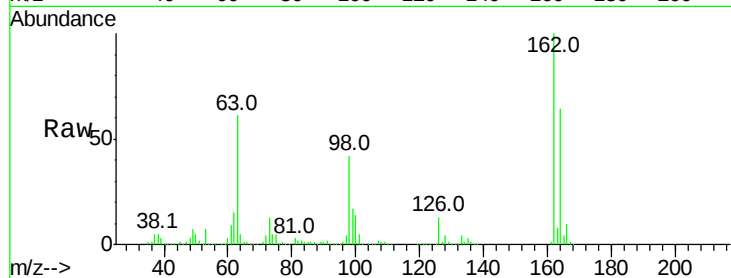
Tot Ion:162 Resp: 651557

Ion Ratio Lower Upper

162 100

164 64.4 44.1 84.1

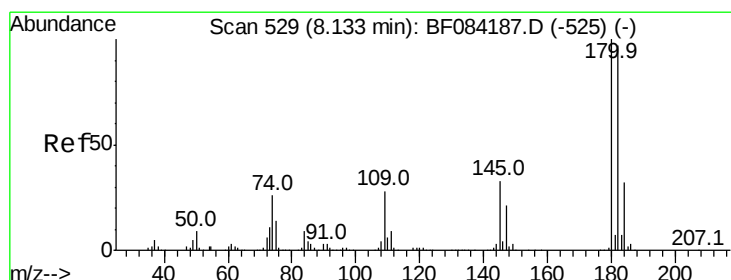
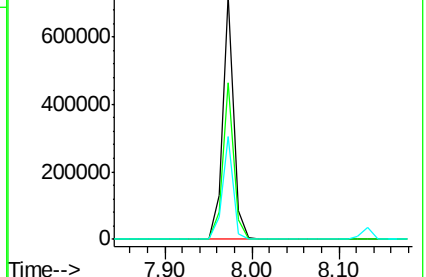
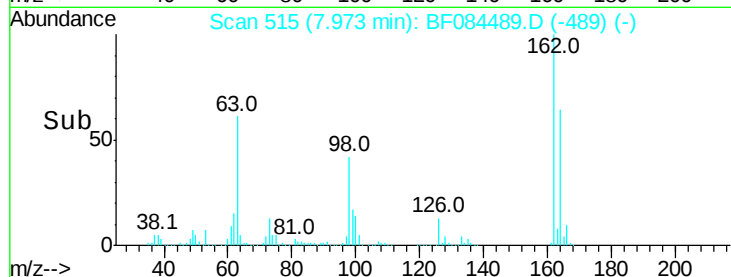
98 42.1 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 35.97 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

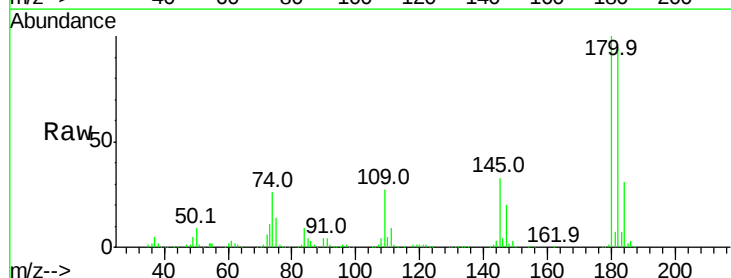
Tgt Ion:180 Resp: 686257

Ion Ratio Lower Upper

180 100

182 94.3 76.4 114.6

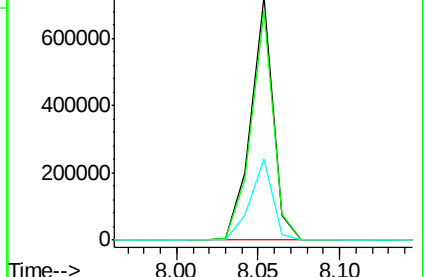
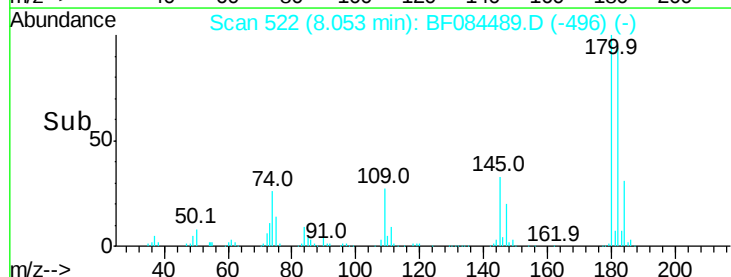
145 33.0 31.6 47.4

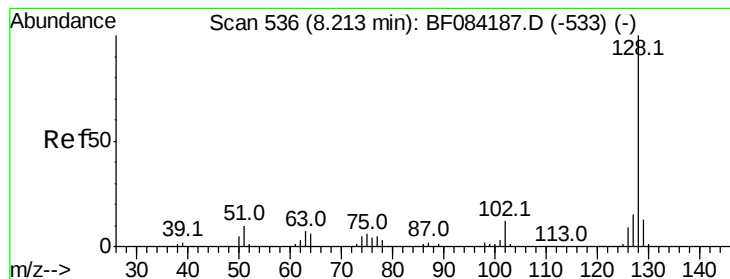


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.17 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

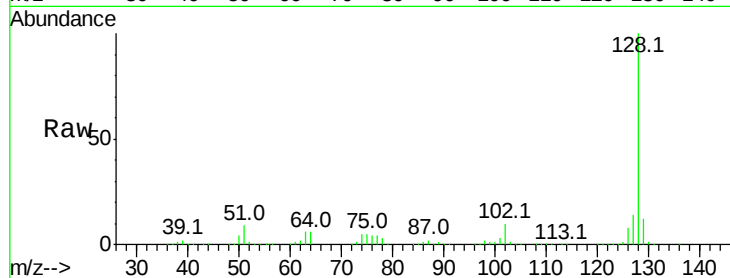
Tot Ion:128 Resp: 2108873

Ion Ratio Lower Upper

128 100

129 12.3 9.1 13.7

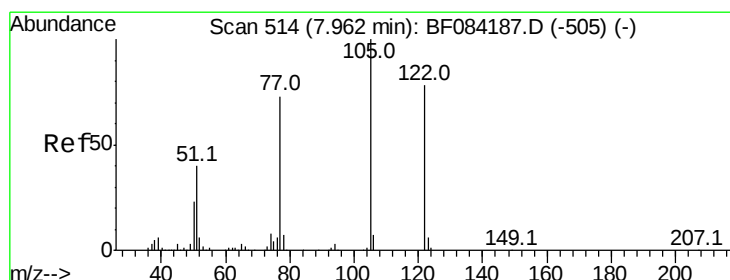
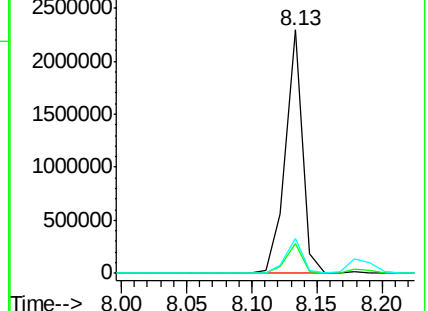
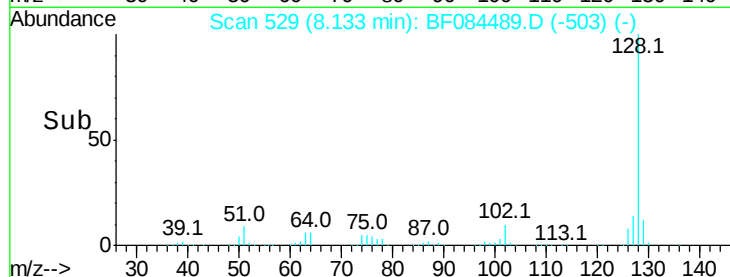
127 14.4 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.01 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

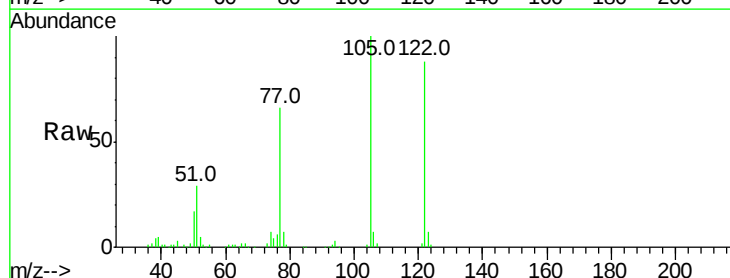
Tgt Ion:122 Resp: 439090

Ion Ratio Lower Upper

122 100

105 113.1 100.3 140.3

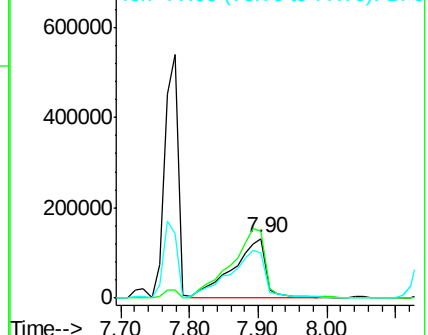
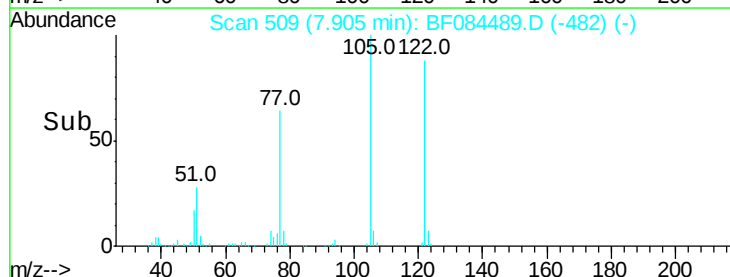
77 74.7 63.5 103.5

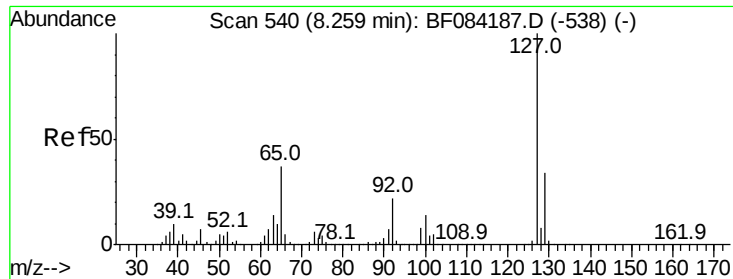


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

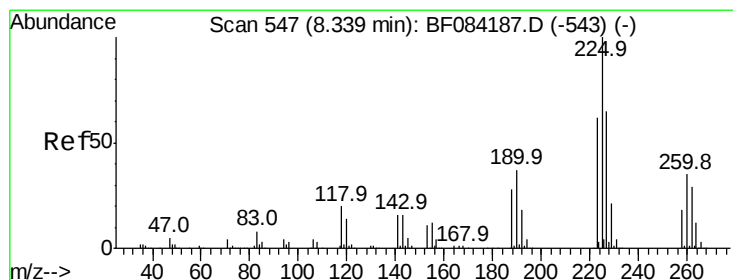
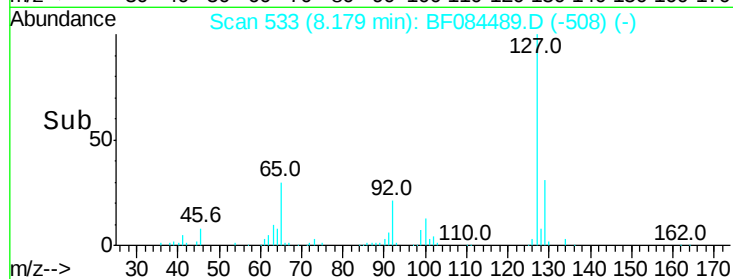
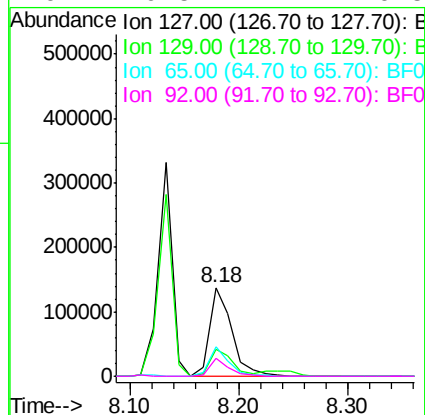
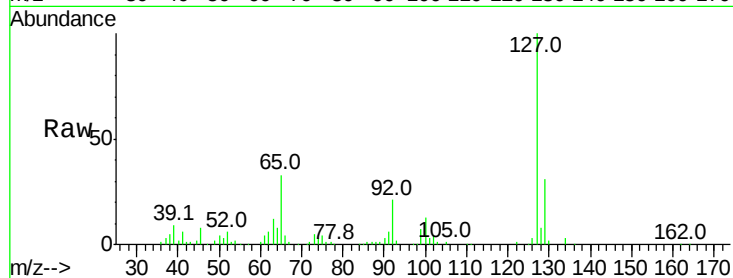




#33
4-Chloroaniline
Concen: 7.18 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

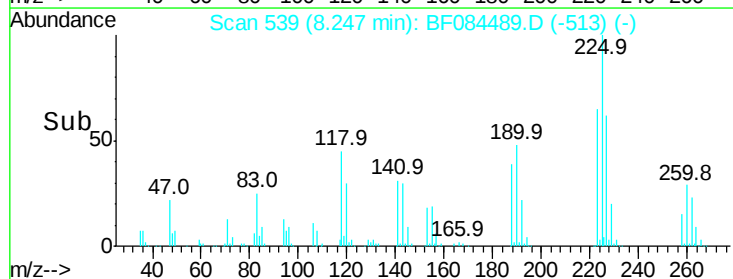
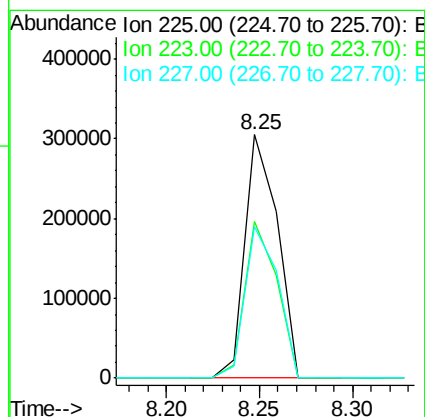
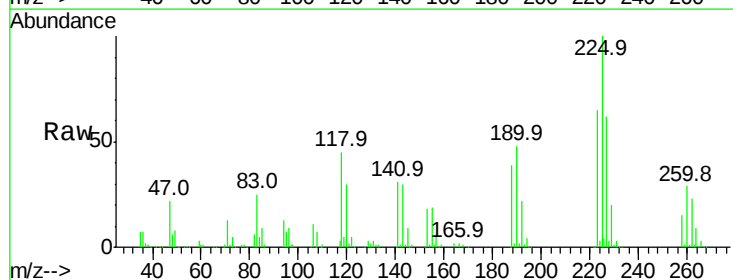
Instrument :
BNA_F
ClientSampleId :

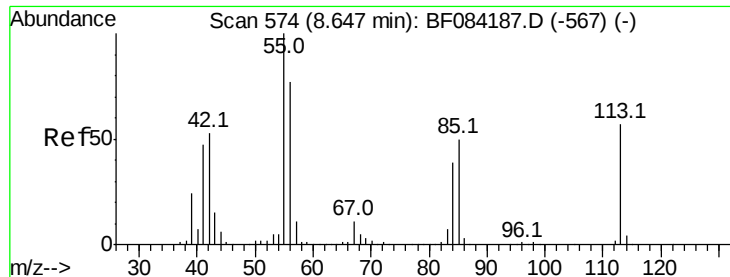
Tot Ion:	127	Resp:	197296
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.5	39.7
65	33.1	27.2	40.8
92	20.5	17.7	26.5



#34
Hexachlorobutadiene
Concen: 33.71 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Tgt Ion:	225	Resp:	369749
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.4	74.0
227	62.0	50.8	76.2





#35

Caprolactam

Concen: 23.32 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampled :

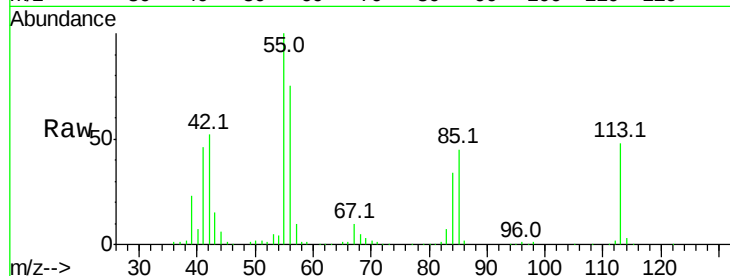
Tot Ion:113 Resp: 145285

Ion Ratio Lower Upper

113 100

55 208.8 116.9 156.9#

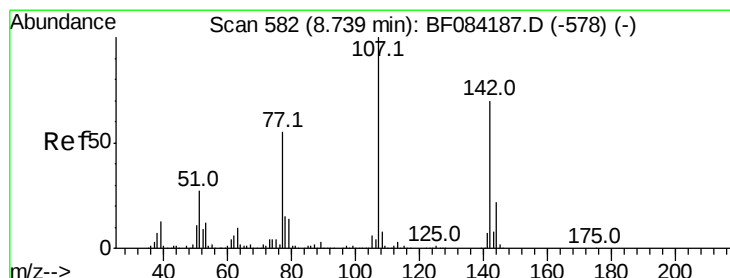
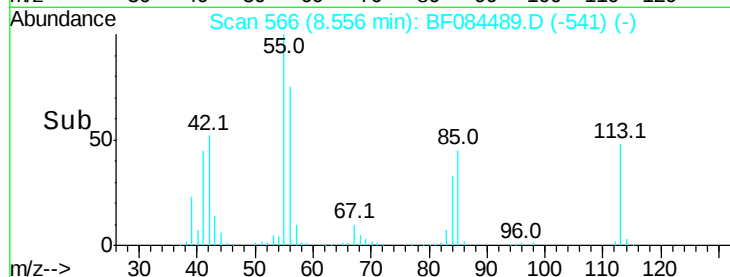
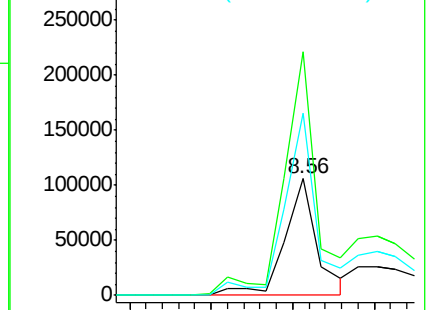
56 155.9 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.11 ng

RT: 8.68 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

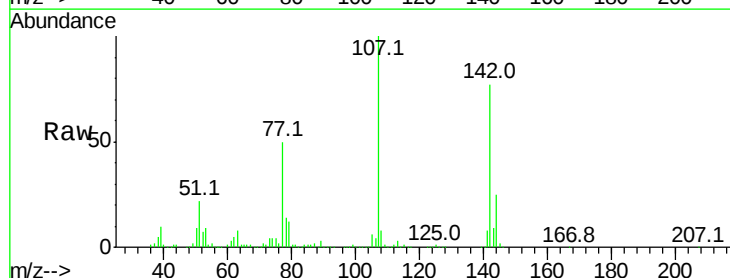
Tgt Ion:107 Resp: 726906

Ion Ratio Lower Upper

107 100

144 24.9 19.7 29.5

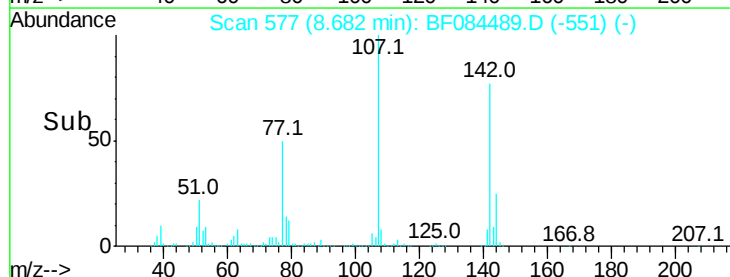
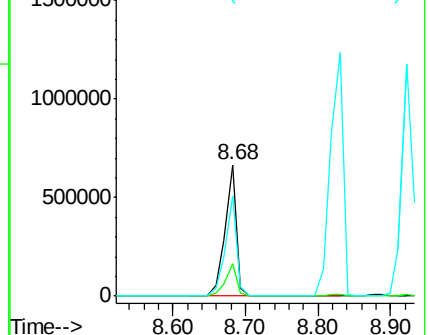
142 76.8 61.8 92.6

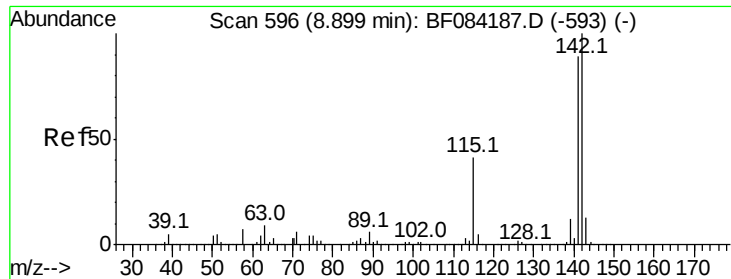


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

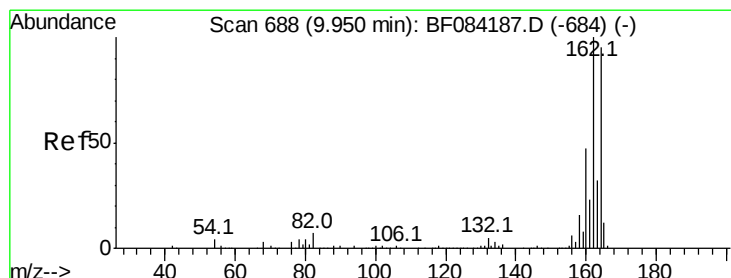
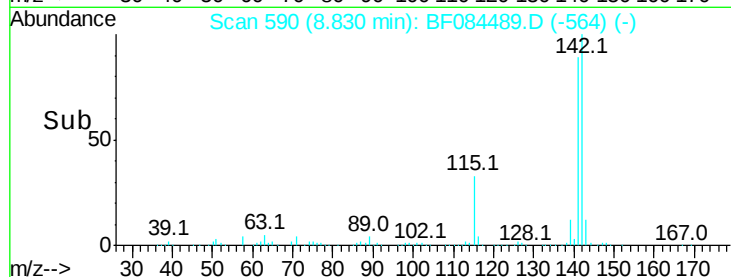
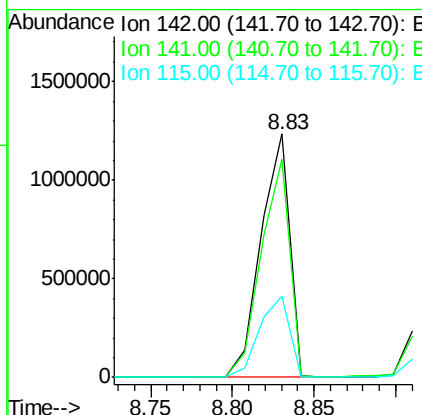
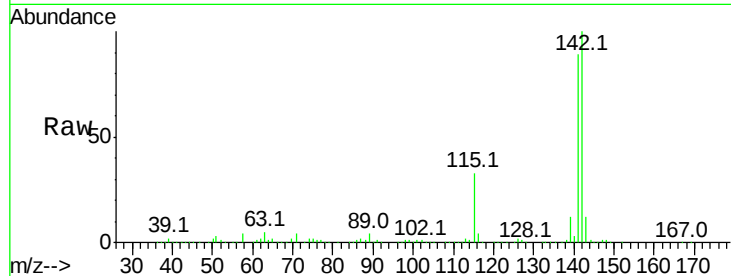




#37
2-Methylnaphthalene
Concen: 35.16 ng
RT: 8.83 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

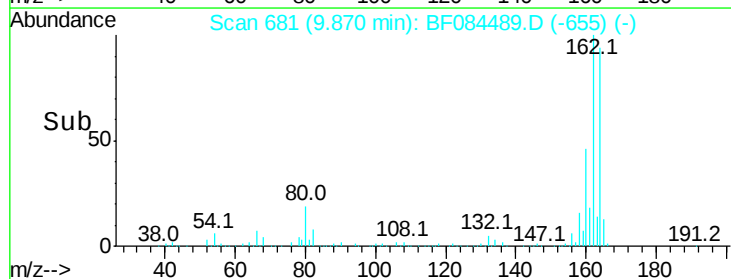
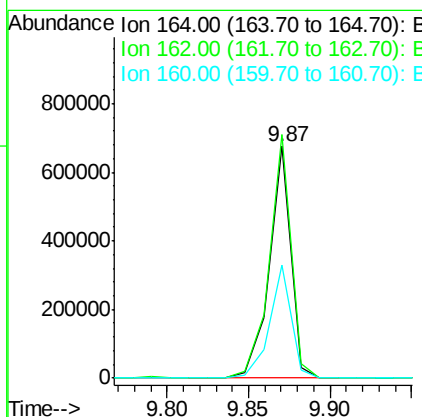
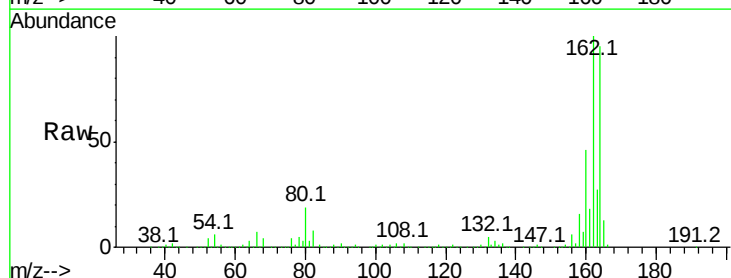
Instrument :
BNA_F
ClientSampleId :

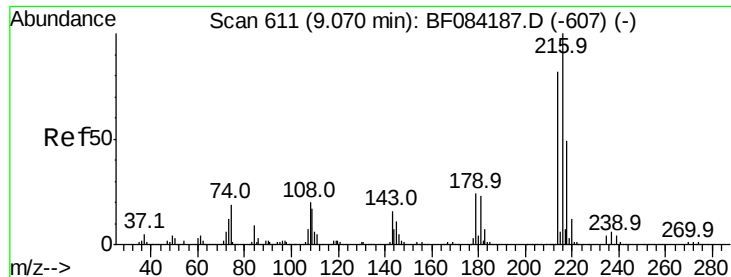
Tot Ion:142 Resp: 1513378
Ion Ratio Lower Upper
142 100
141 89.5 72.4 108.6
115 33.1 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Tgt Ion:164 Resp: 617462
Ion Ratio Lower Upper
164 100
162 105.1 85.1 127.7
160 48.7 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.64 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 579424

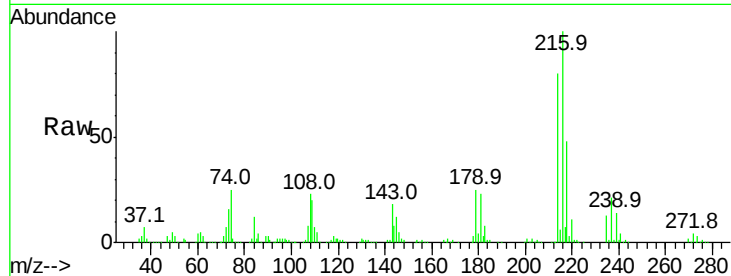
Ion Ratio Lower Upper

216 100

214 78.6 64.2 96.2

179 22.9 18.7 28.1

108 23.3 16.8 25.2

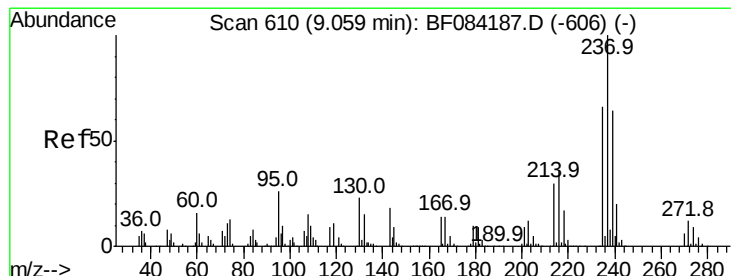
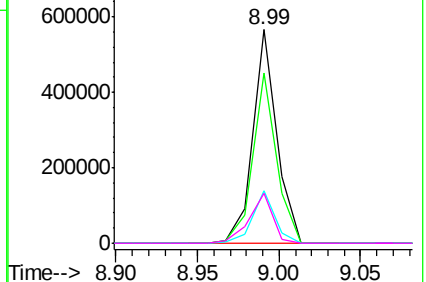
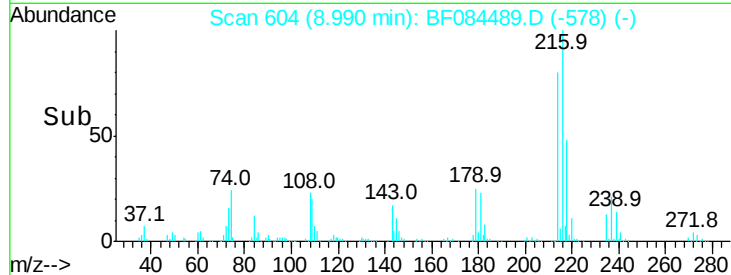


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.20 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

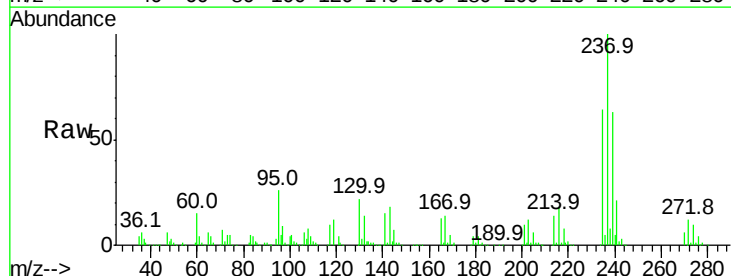
Tgt Ion:237 Resp: 516514

Ion Ratio Lower Upper

237 100

235 64.5 43.1 83.1

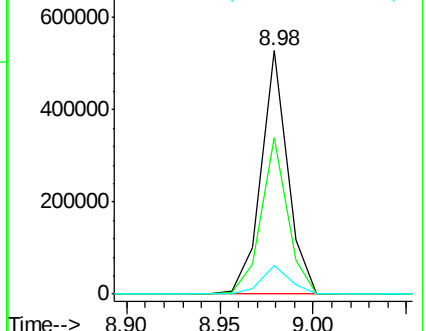
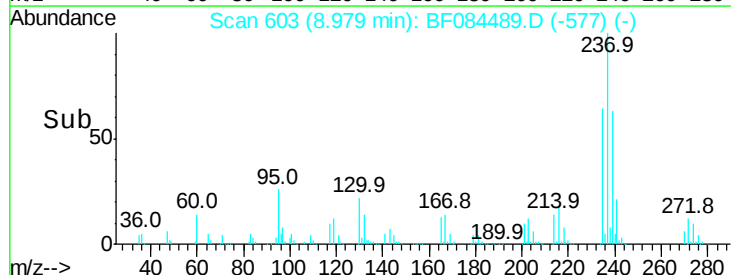
272 11.9 0.0 35.1

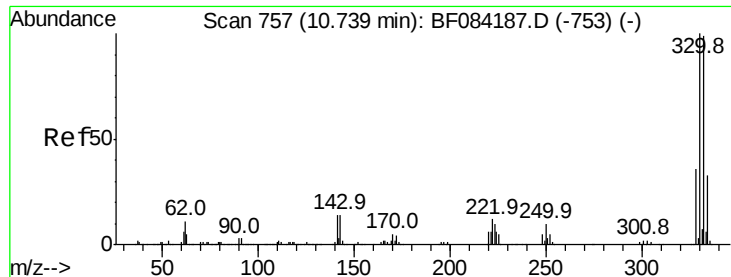


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

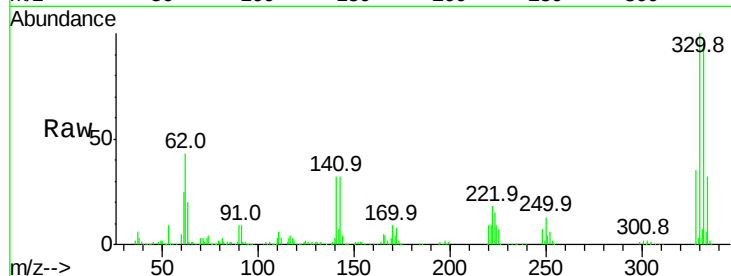




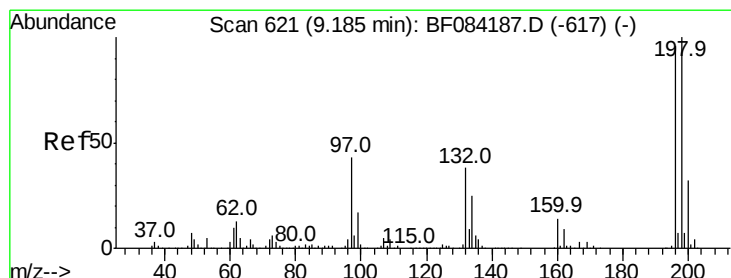
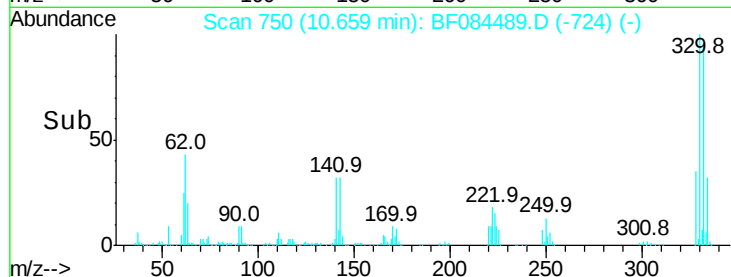
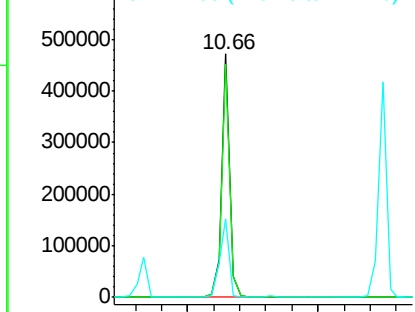
#41
 2,4,6-Tribromophenol
 Concen: 65.96 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084489.D
 Acq: 15 Jan 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 411167
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 37.9 27.8 41.6

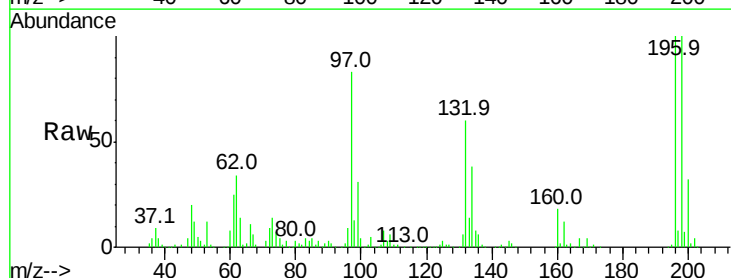


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

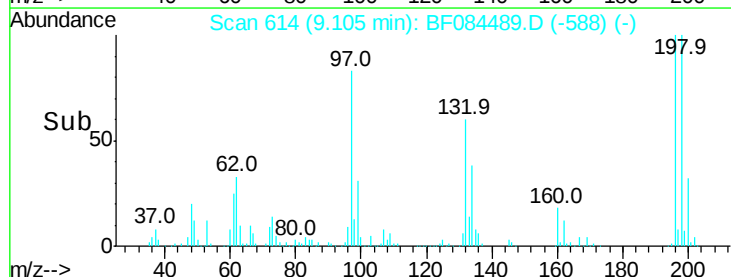
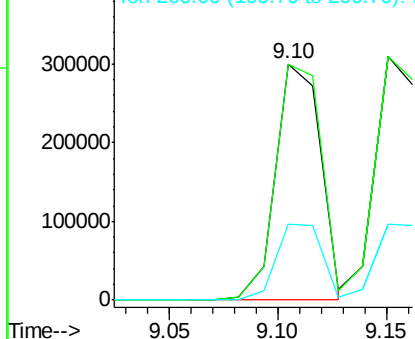


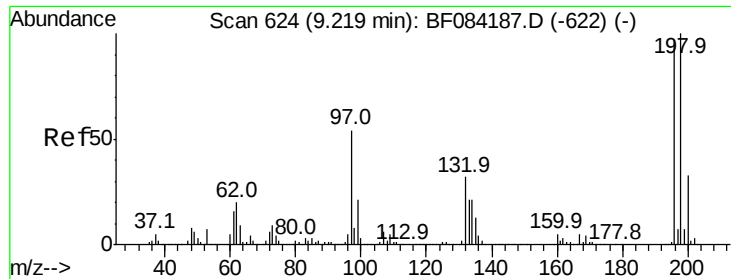
#42
 2,4,6-Trichlorophenol
 Concen: 32.63 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084489.D
 Acq: 15 Jan 2016 14:25

Tgt Ion:196 Resp: 433358
 Ion Ratio Lower Upper
 196 100
 198 100.1 77.7 116.5
 200 32.0 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

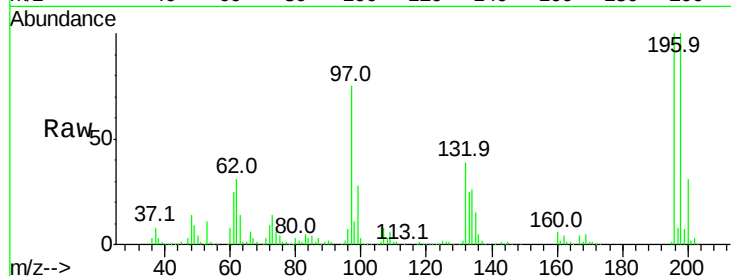




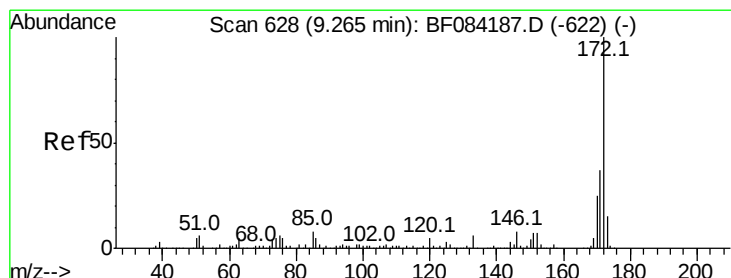
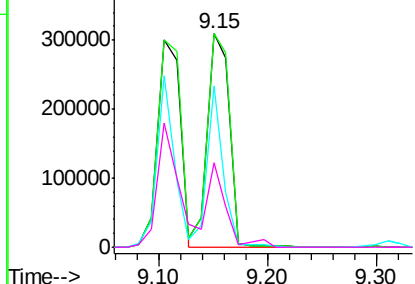
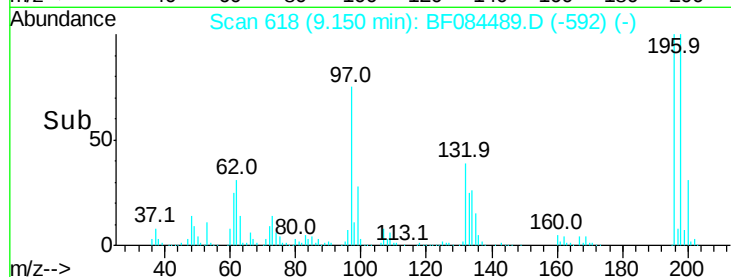
#43
 2,4,5-Trichlorophenol
 Concen: 34.33 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF084489.D
 Acq: 15 Jan 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 437114
 Ion Ratio Lower Upper
 196 100
 198 100.1 79.0 118.6
 97 75.3 33.0 49.6#
 132 39.5 21.1 31.7#

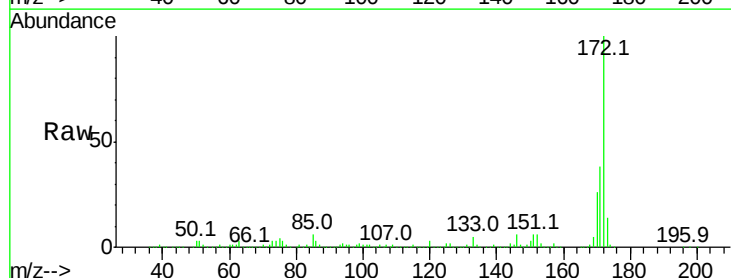


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

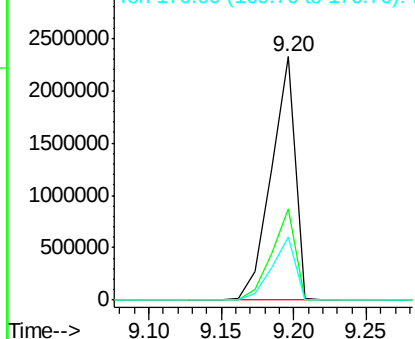
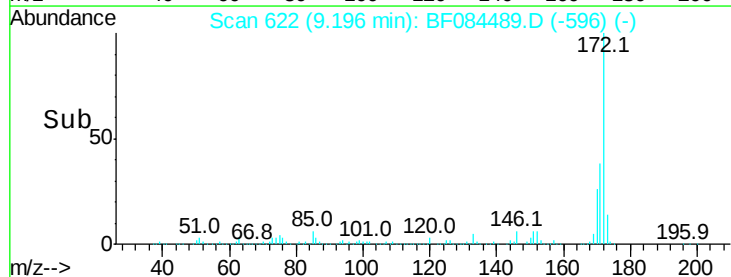


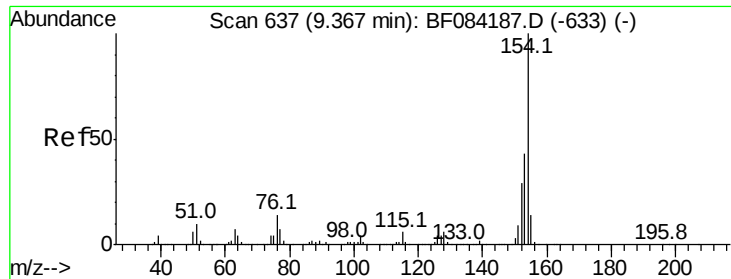
#44
 2-Fluorobiphenyl
 Concen: 75.21 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084489.D
 Acq: 15 Jan 2016 14:25

Tgt Ion:172 Resp: 2665324
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.8 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

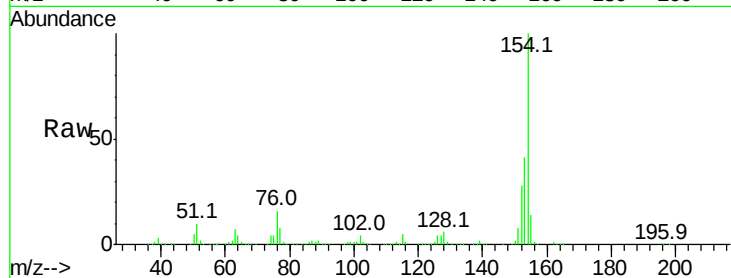




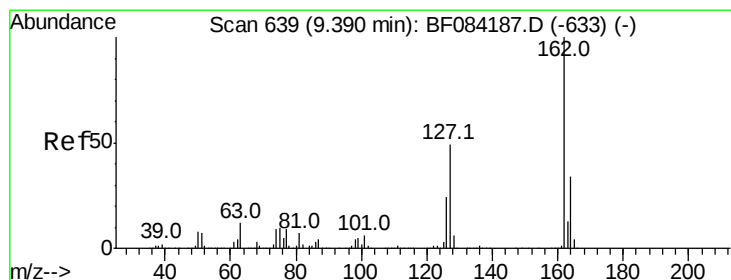
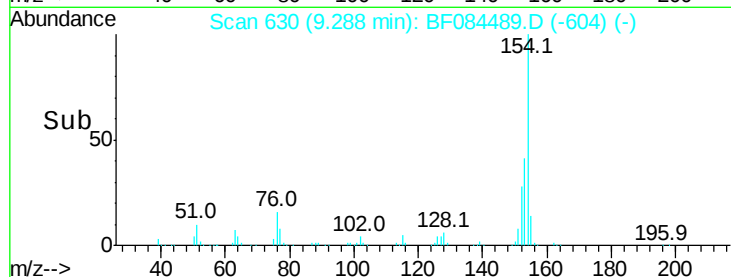
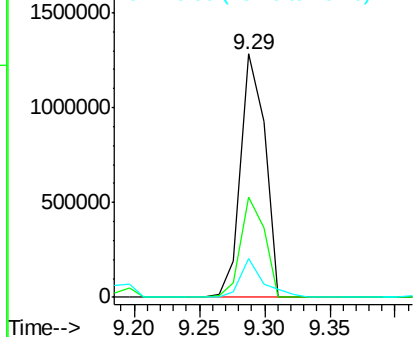
#45
 1,1'-Biphenyl
 Concen: 33.81 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084489.D
 Acq: 15 Jan 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1659320
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.6 61.6
 76 15.9 0.0 32.7

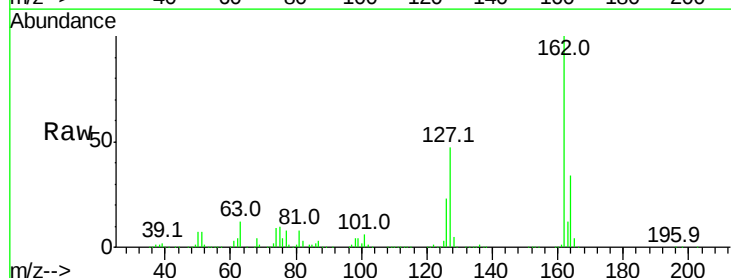


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

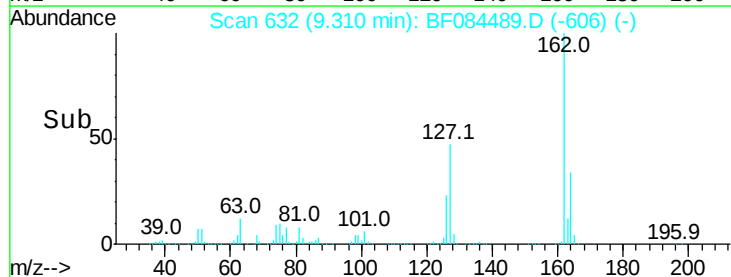
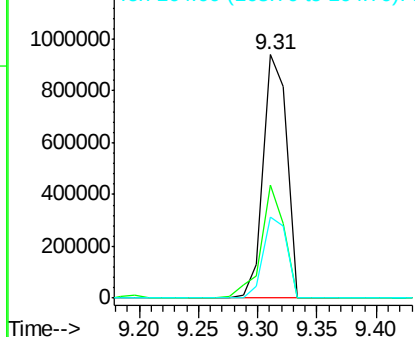


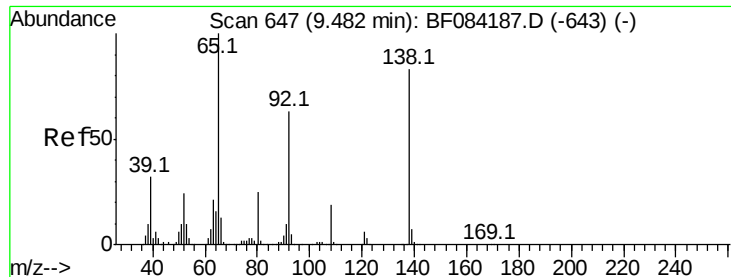
#46
 2-Chloronaphthalene
 Concen: 33.94 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF084489.D
 Acq: 15 Jan 2016 14:25

Tgt Ion:162 Resp: 1308208
 Ion Ratio Lower Upper
 162 100
 127 46.5 40.2 60.4
 164 33.5 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 33.50 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

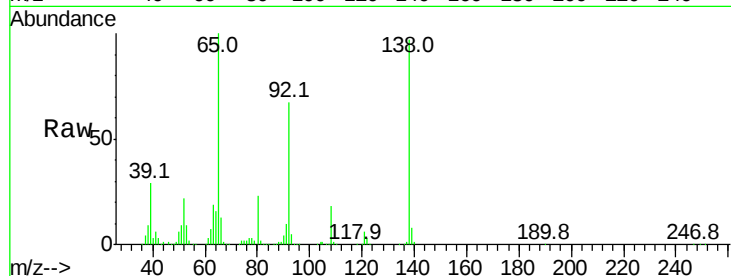
Tot Ion: 65 Resp: 426204

Ion Ratio Lower Upper

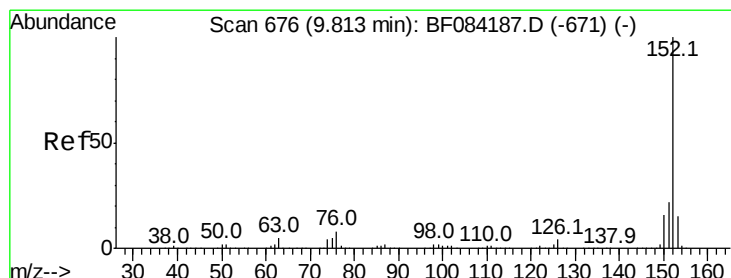
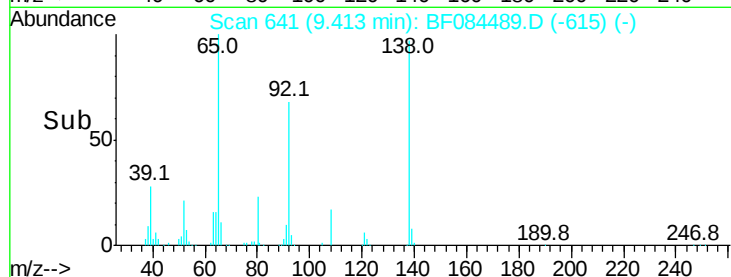
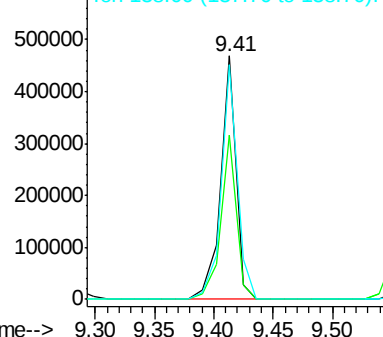
65 100

92 67.5 53.4 80.2

138 96.5 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 36.32 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

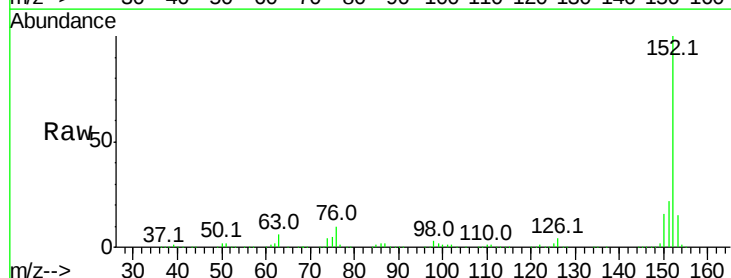
Tgt Ion: 152 Resp: 2068562

Ion Ratio Lower Upper

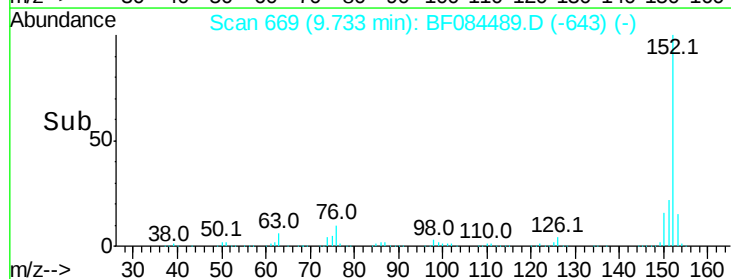
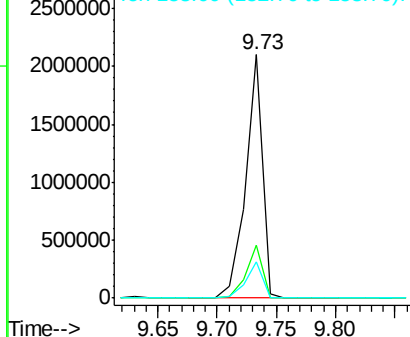
152 100

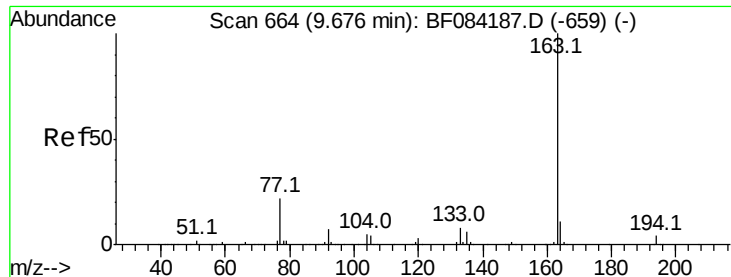
151 21.5 16.3 24.5

153 15.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

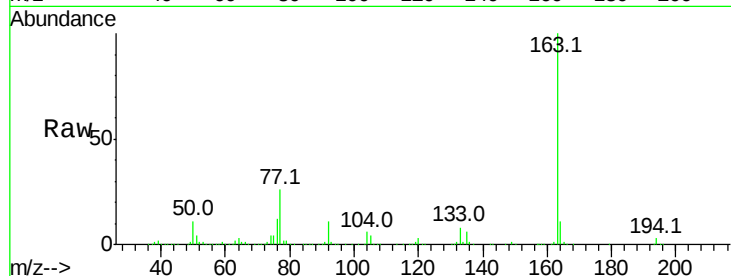




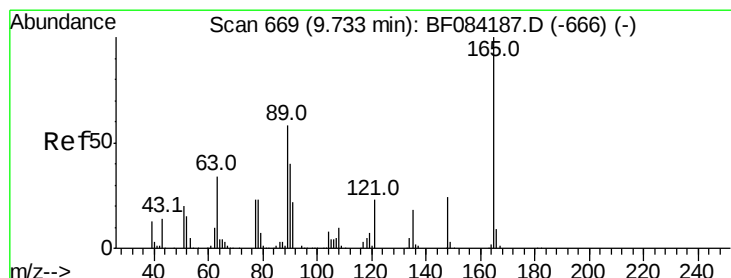
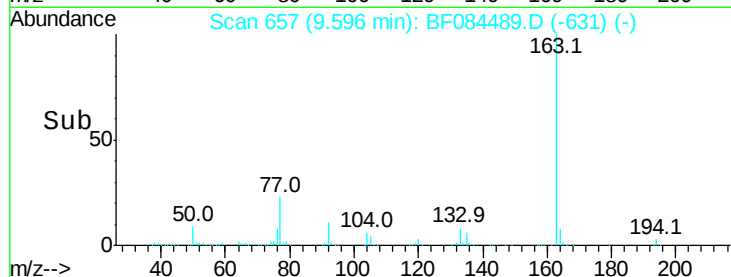
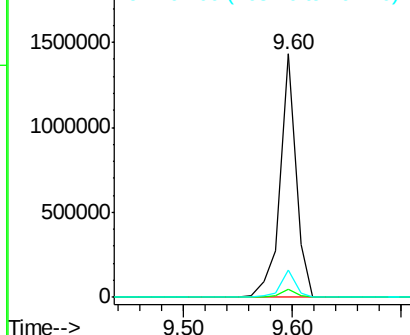
#49
Dimethylphthalate
Concen: 32.96 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1454768
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 11.2 8.0 12.0

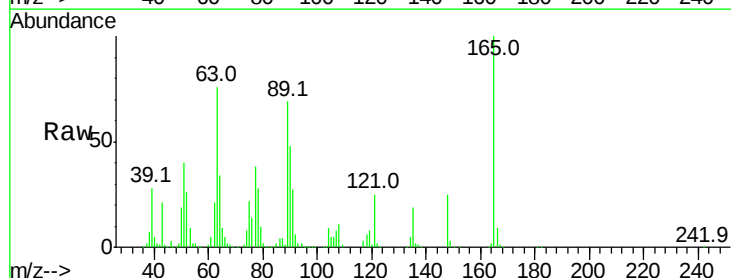


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

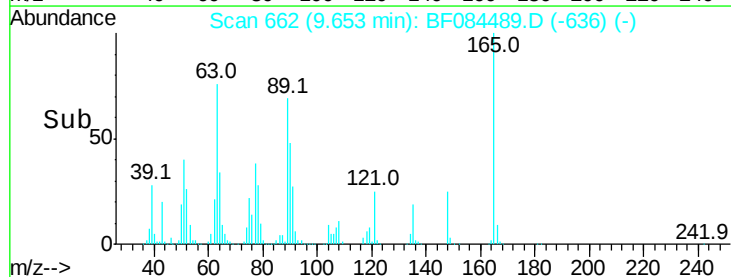
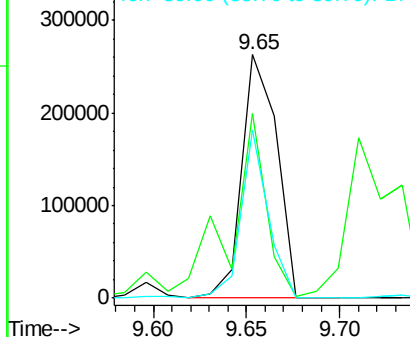


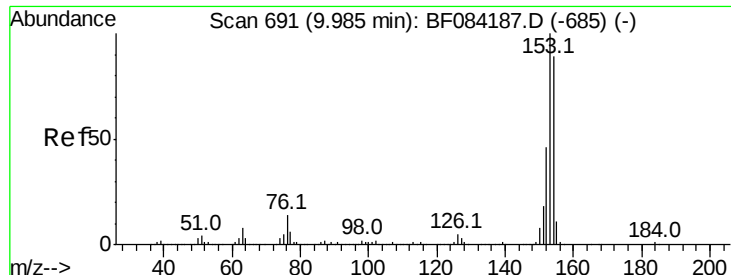
#50
2,6-Dinitrotoluene
Concen: 35.12 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Tgt Ion:165 Resp: 339993
Ion Ratio Lower Upper
165 100
63 75.9 28.8 43.2#
89 68.8 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.48 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

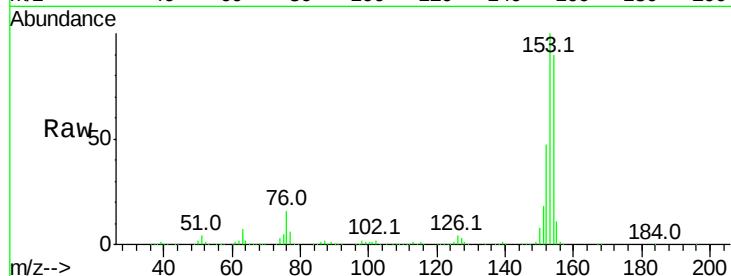
Tot Ion:154 Resp: 1508103

Ion Ratio Lower Upper

154 100

153 110.9 91.5 137.3

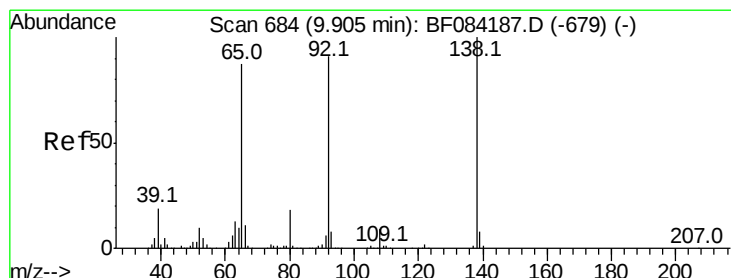
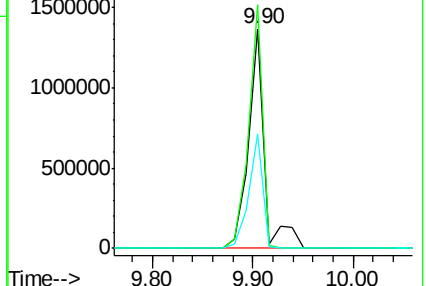
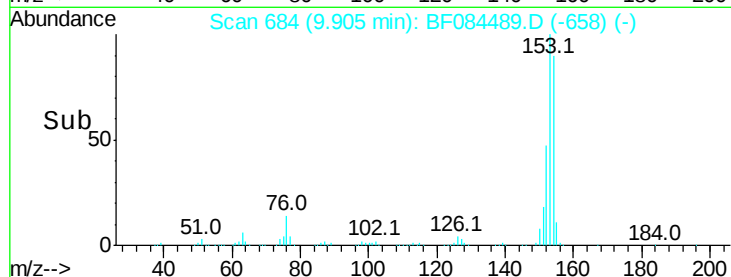
152 51.8 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.85 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

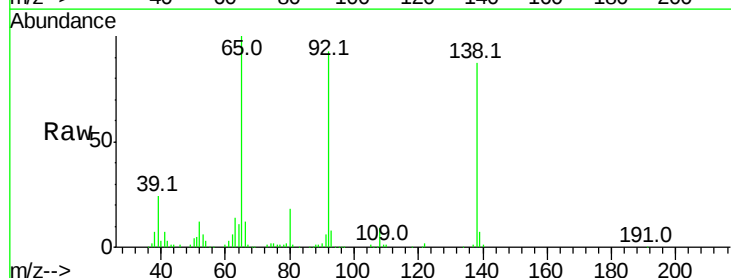
Tgt Ion:138 Resp: 178109

Ion Ratio Lower Upper

138 100

108 10.3 10.5 15.7#

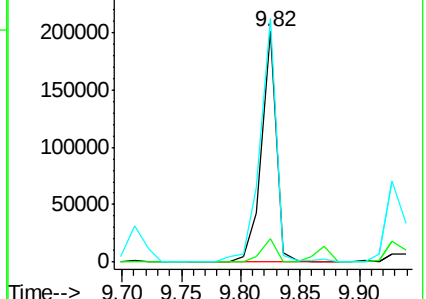
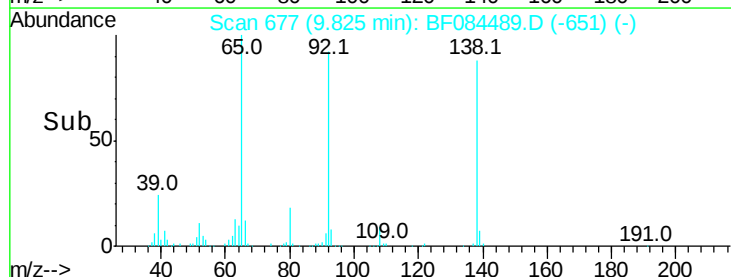
92 105.7 103.9 155.9

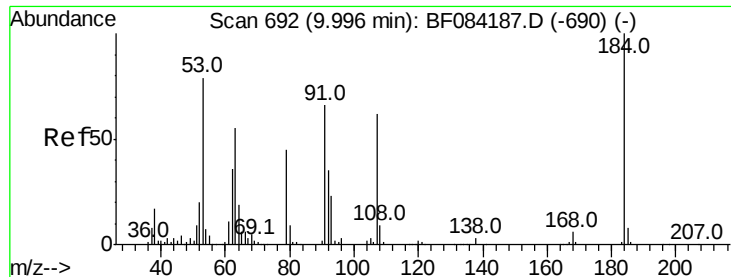


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 80.58 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

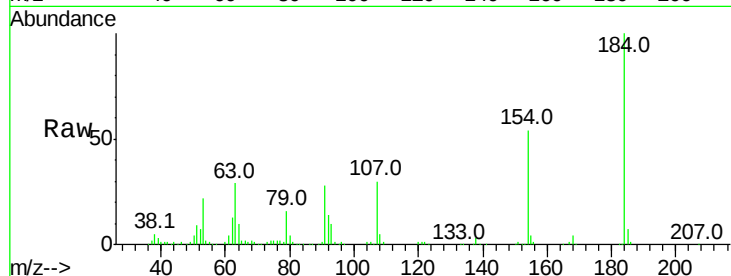
Tot Ion:184 Resp: 332436

Ion Ratio Lower Upper

184 100

63 28.9 43.1 64.7#

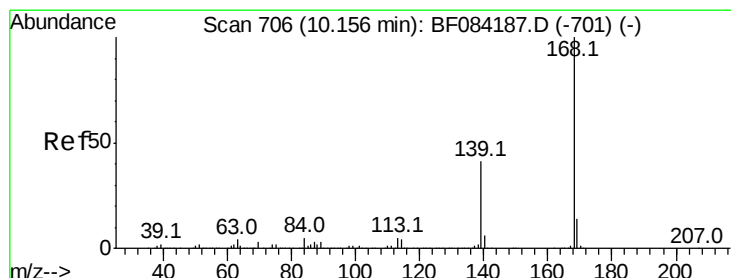
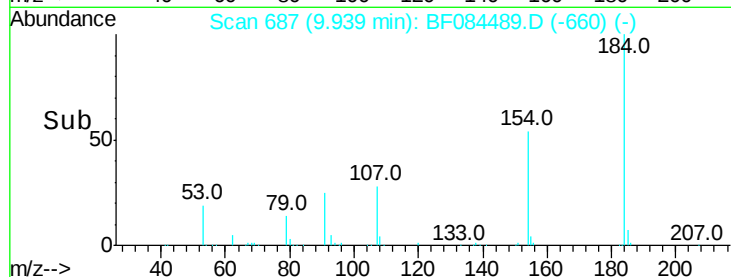
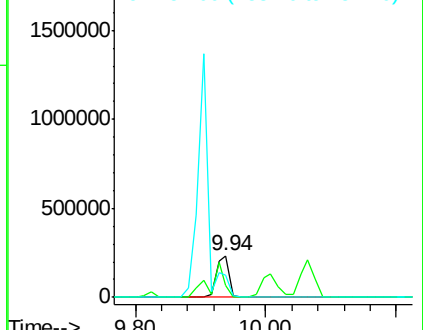
154 54.4 60.5 90.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 34.97 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

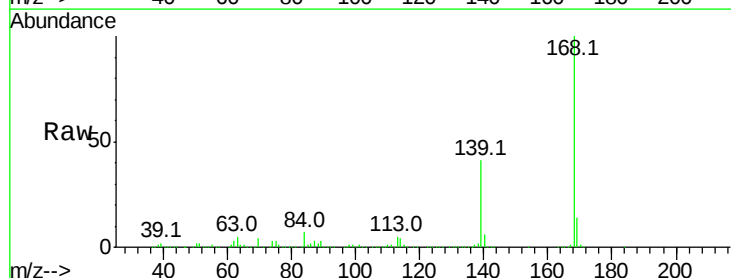
Tgt Ion:168 Resp: 1762786

Ion Ratio Lower Upper

168 100

139 41.5 30.5 45.7

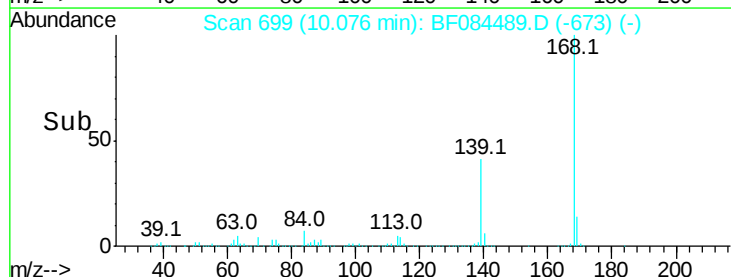
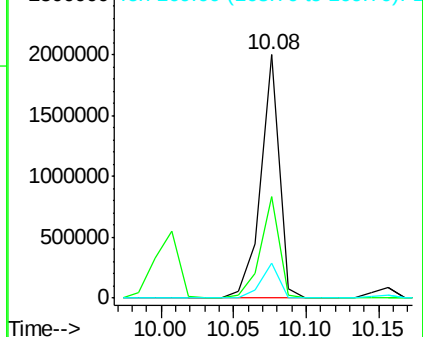
169 14.5 10.4 15.6

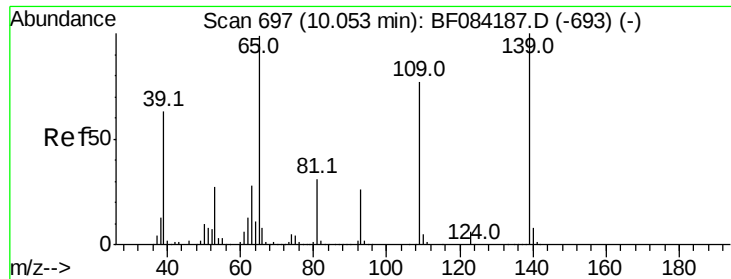


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

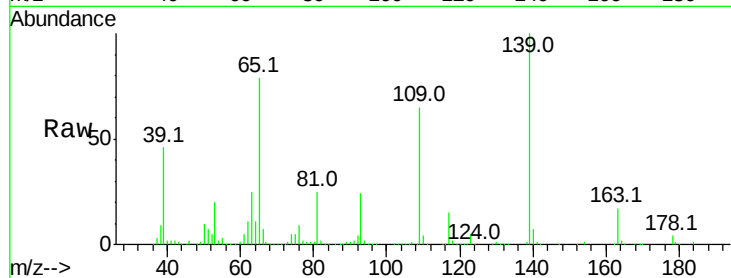




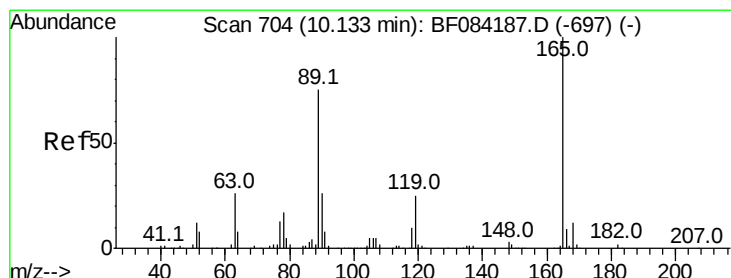
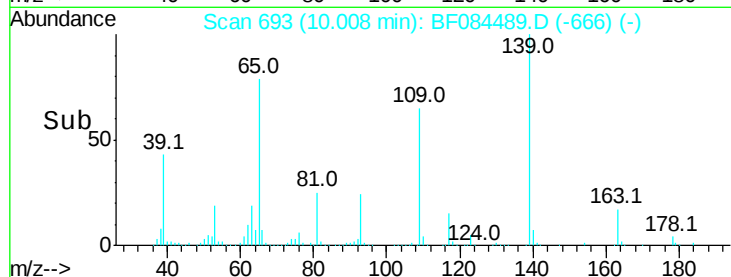
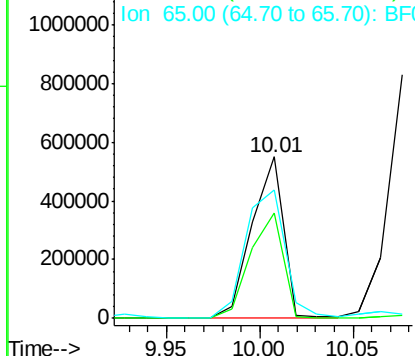
#55
4-Nitrophenol
Concen: 73.99 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 644276
Ion Ratio Lower Upper
139 100
109 65.5 58.5 98.5
65 79.3 57.6 97.6



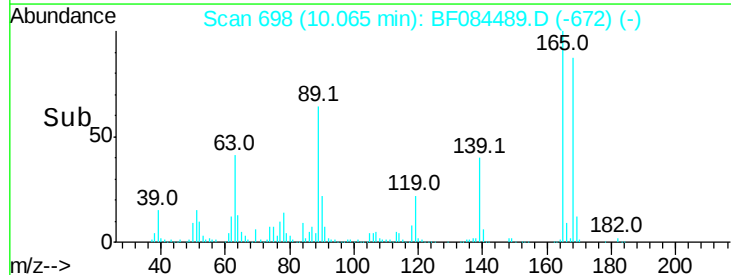
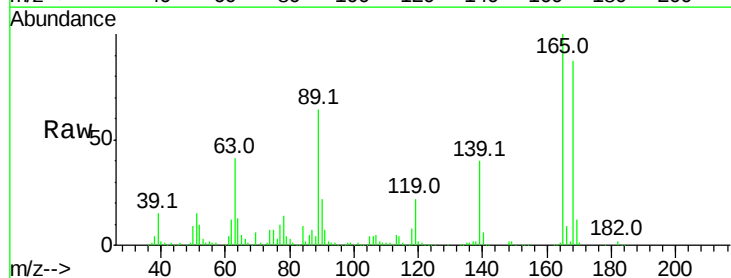
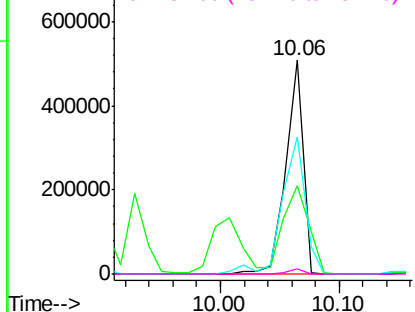
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

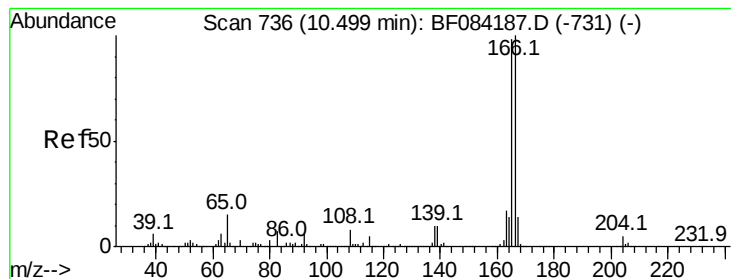


#56
2,4-Dinitrotoluene
Concen: 41.52 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Tgt Ion:165 Resp: 508805
Ion Ratio Lower Upper
165 100
63 41.3 36.7 55.1
89 63.9 61.9 92.9
182 2.2 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.23 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

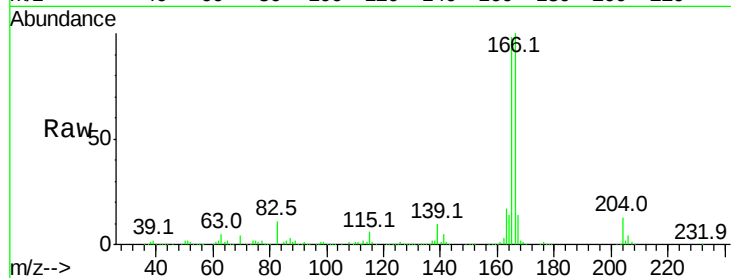
Tot Ion:166 Resp: 1403911

Ion Ratio Lower Upper

166 100

165 97.8 79.1 118.7

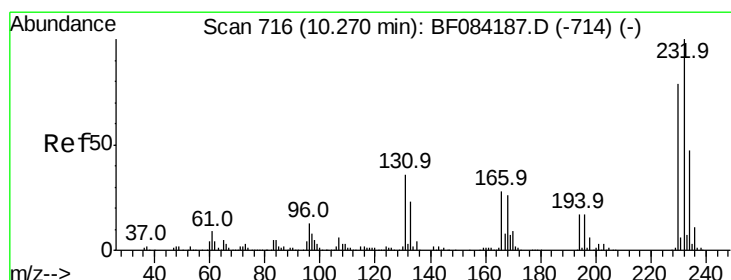
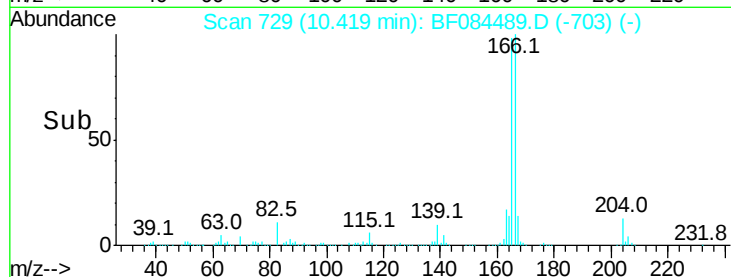
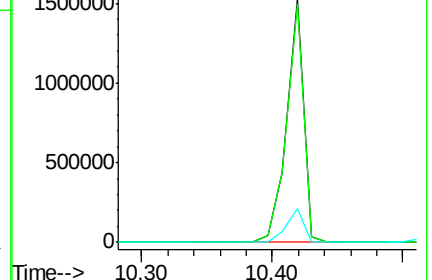
167 13.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.88 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Tgt Ion:232 Resp: 357425

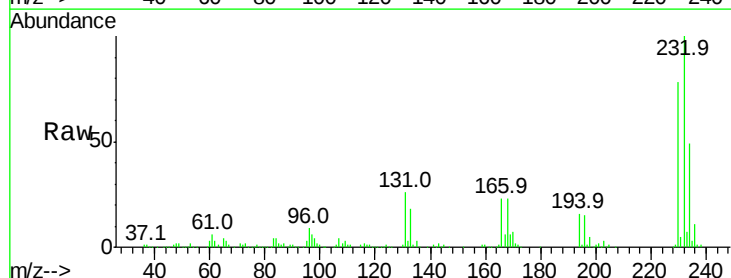
Ion Ratio Lower Upper

232 100

131 48.4 47.0 70.6

130 2.3 2.0 3.0

166 31.8 30.5 45.7

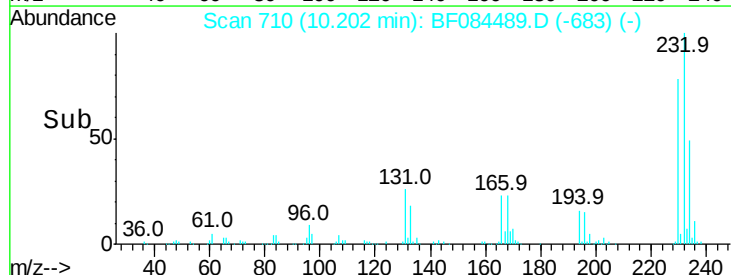
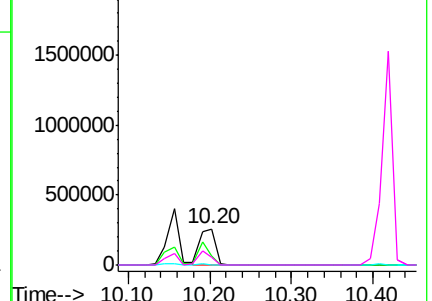


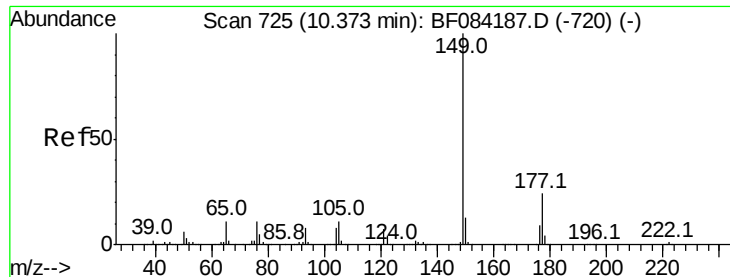
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

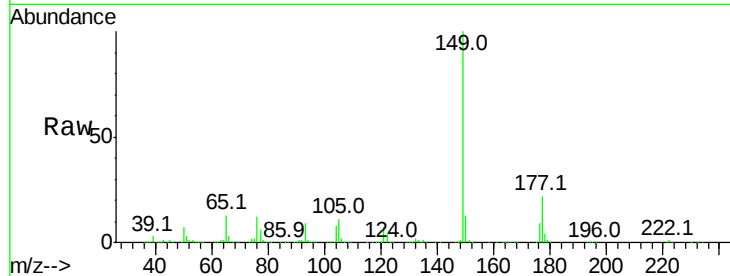




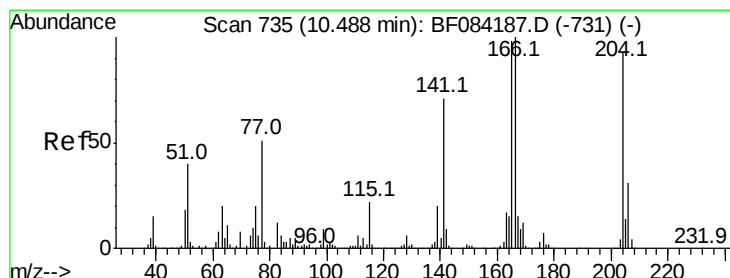
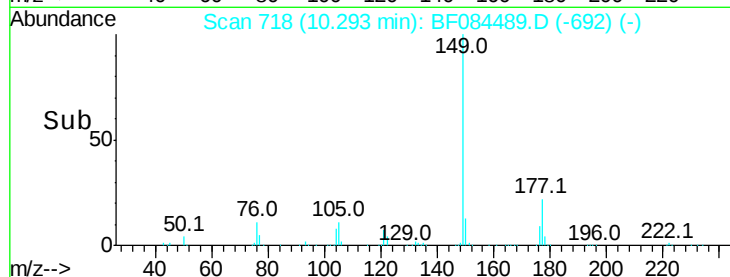
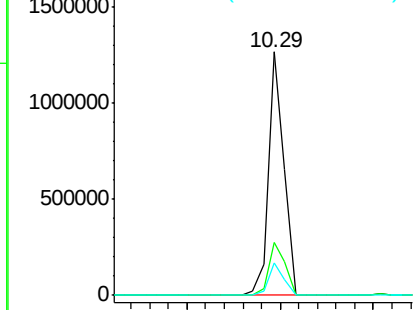
#59
Diethylphthalate
Concen: 33.22 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1445968
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 13.2 9.8 14.8

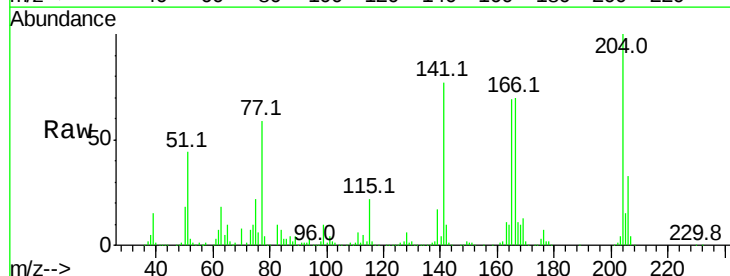


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

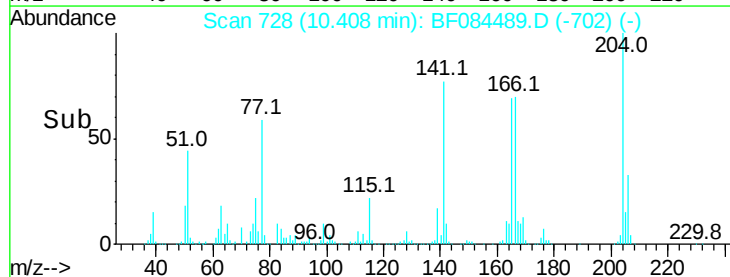
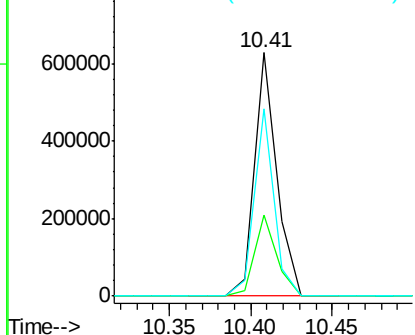


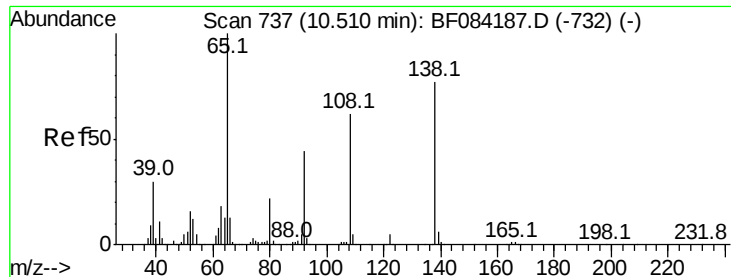
#60
4-Chlorophenyl-phenylether
Concen: 35.00 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Tgt Ion:204 Resp: 593317
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 77.1 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

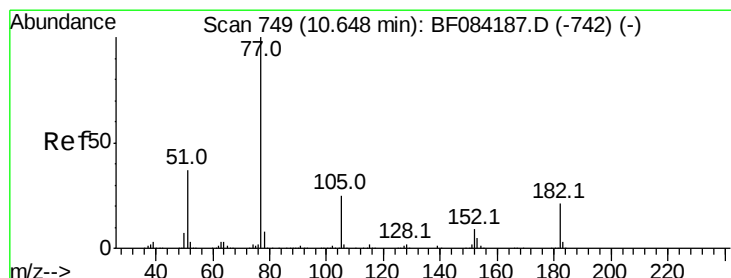
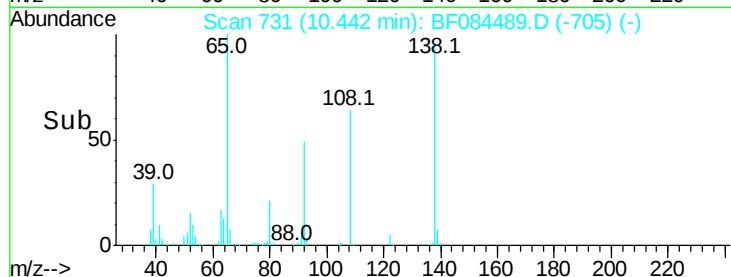
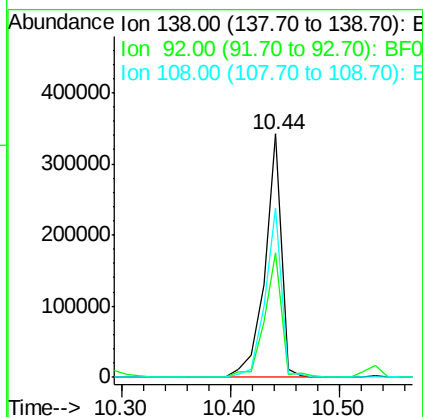
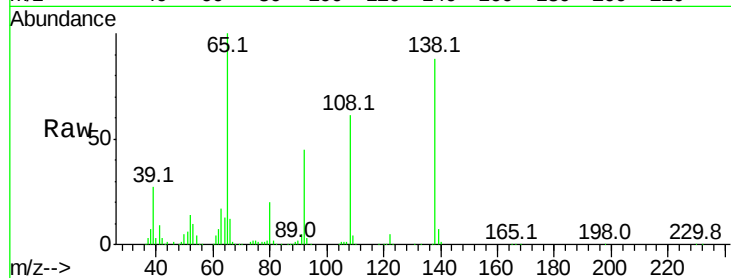




#61
4-Nitroaniline
Concen: 33.98 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

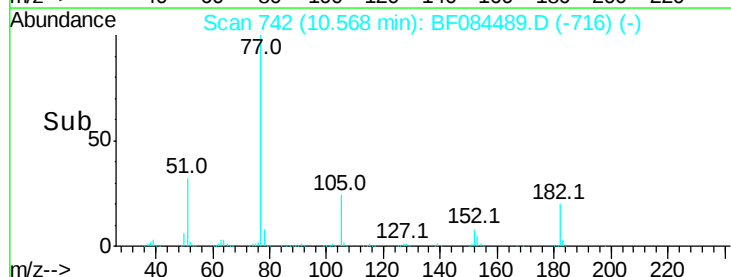
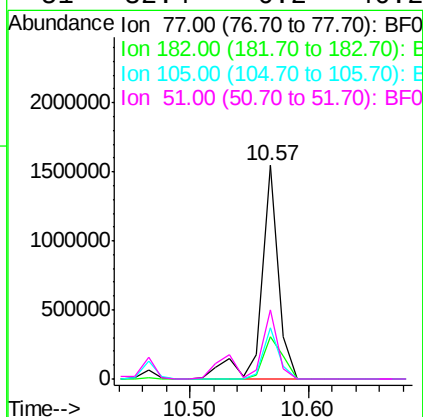
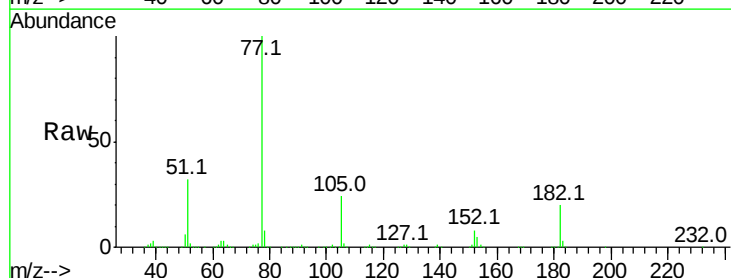
Instrument :
BNA_F
ClientSampleId :

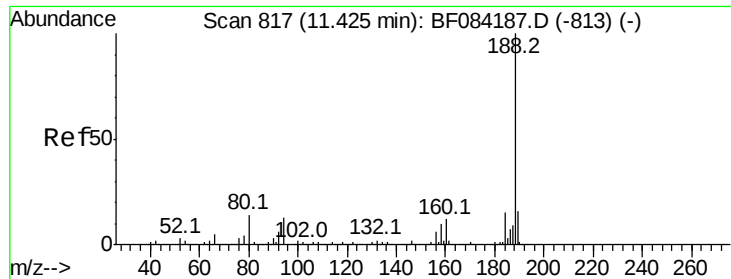
Tot Ion:138 Resp: 363426
Ion Ratio Lower Upper
138 100
92 51.3 32.6 72.6
108 69.4 68.6 108.6



#62
Azobenzene
Concen: 32.78 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Tgt Ion: 77 Resp: 1564573
Ion Ratio Lower Upper
77 100
182 19.9 8.3 48.3
105 23.9 4.6 44.6
51 32.4 6.2 46.2

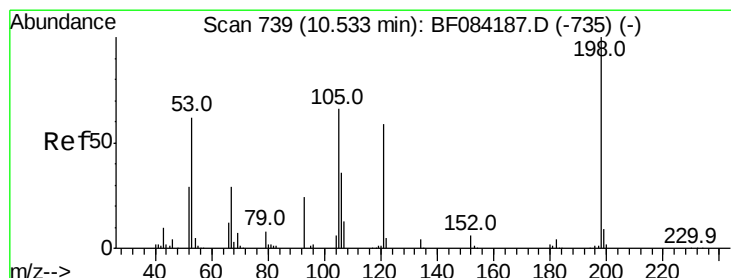
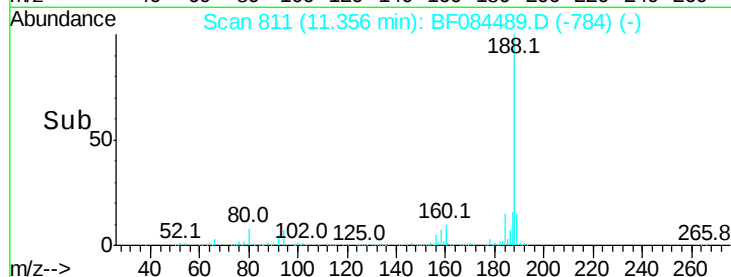
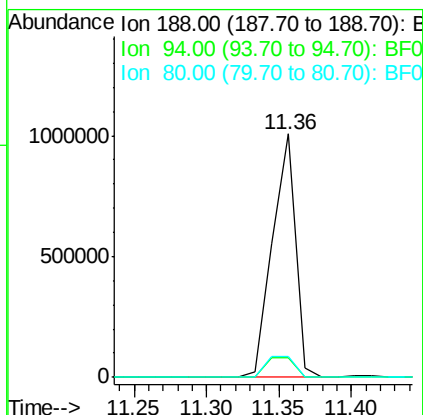
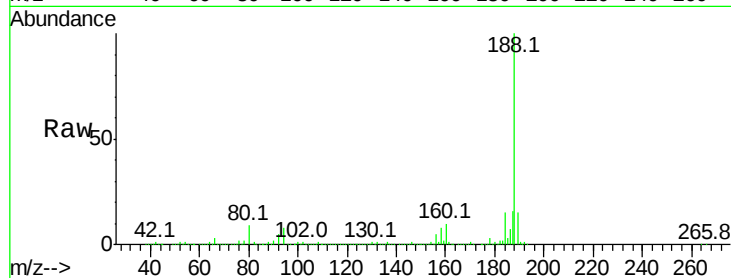




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

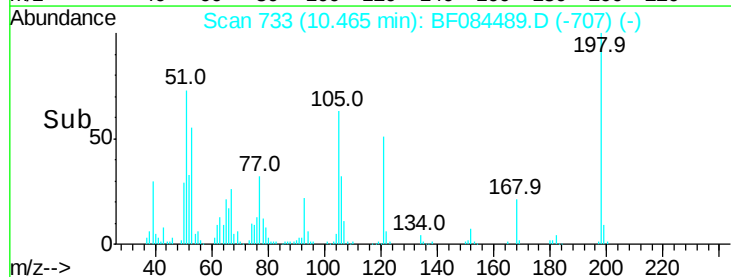
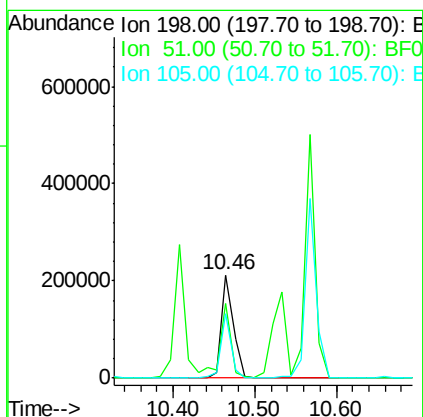
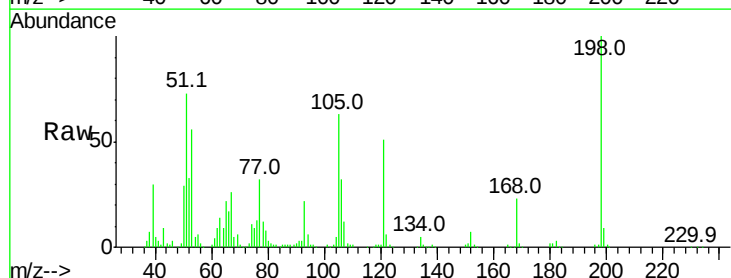
Instrument :
BNA_F
ClientSampleId :

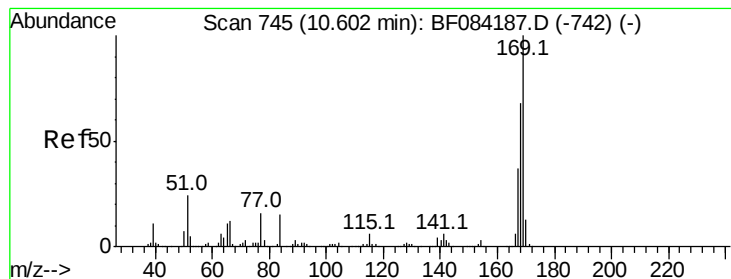
Tot Ion:188 Resp: 1113724
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.4#
80 8.6 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 32.00 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Tgt Ion:198 Resp: 215433
Ion Ratio Lower Upper
198 100
51 72.8 18.9 58.9#
105 62.8 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 36.19 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

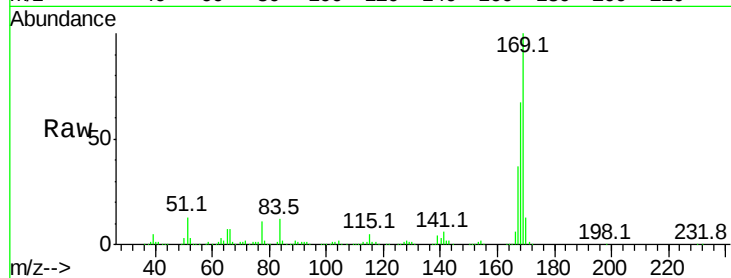
Tot Ion:169 Resp: 1288746

Ion Ratio Lower Upper

169 100

168 67.3 55.1 82.7

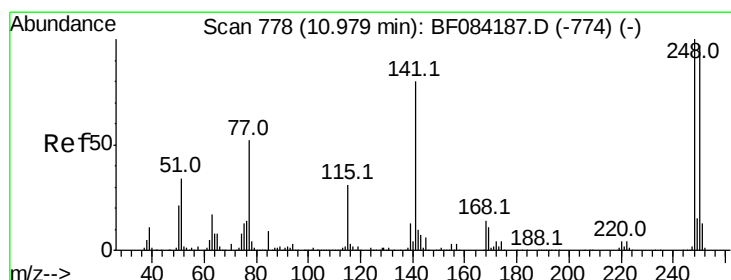
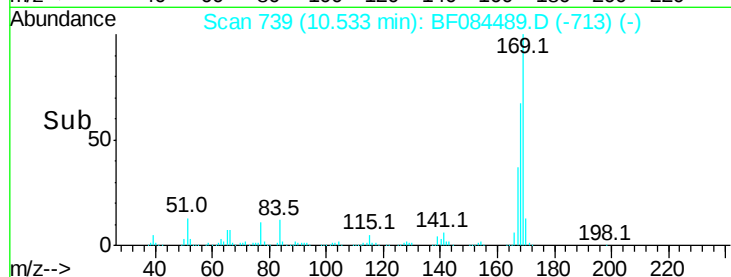
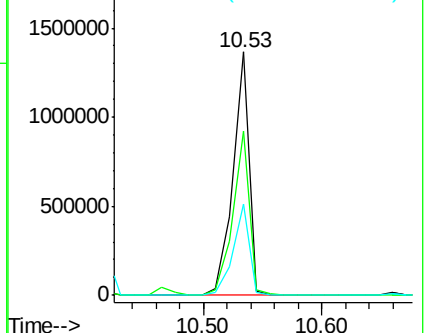
167 37.3 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.19 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

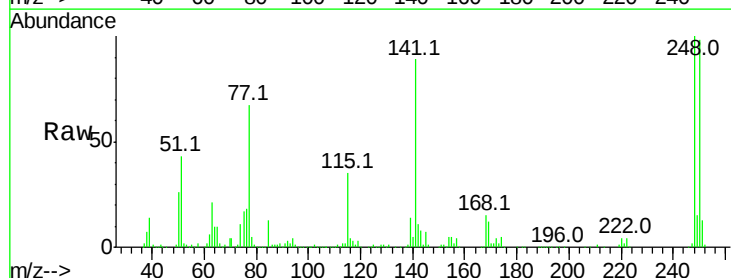
Tgt Ion:248 Resp: 397862

Ion Ratio Lower Upper

248 100

250 98.3 78.4 117.6

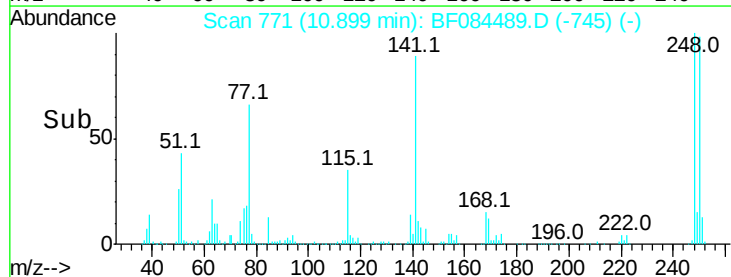
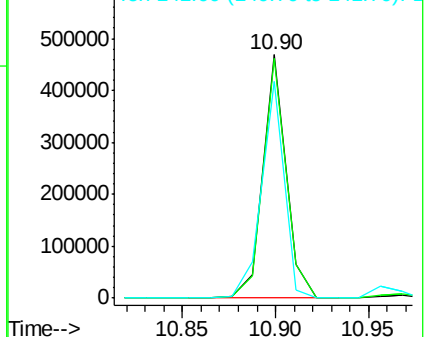
141 89.2 44.0 66.0#

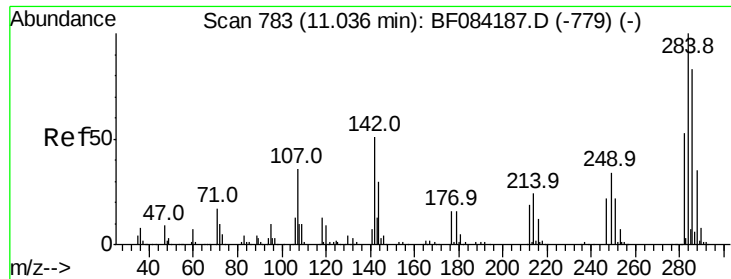


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

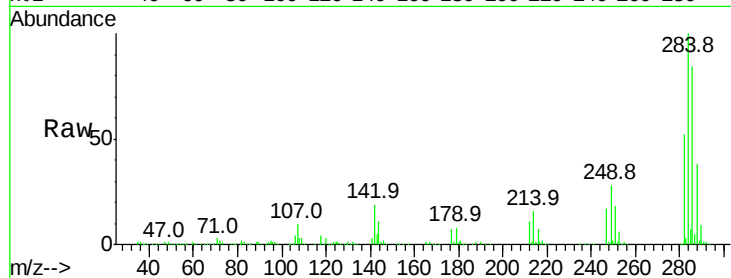




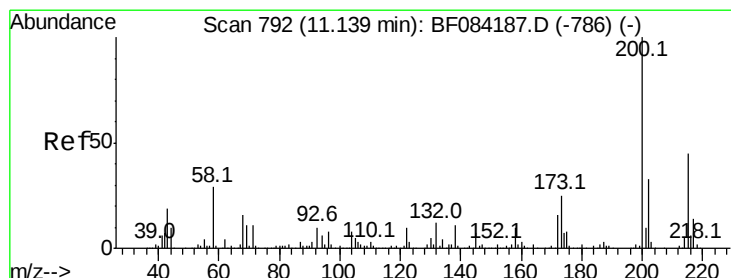
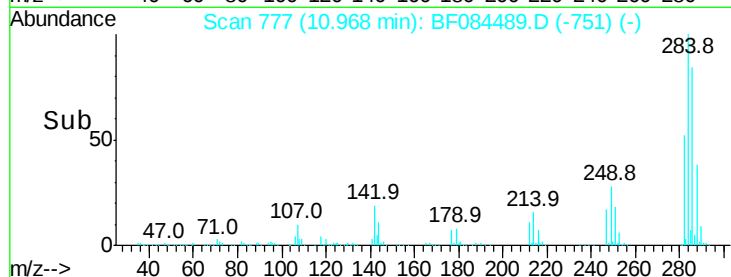
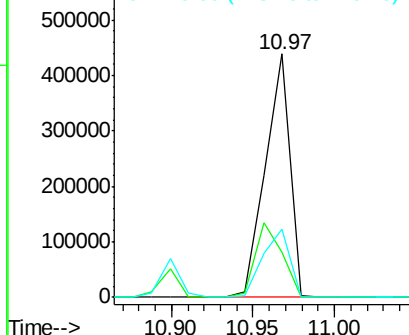
#67
Hexachlorobenzene
Concen: 34.23 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 461857
Ion Ratio Lower Upper
284 100
142 18.8 22.2 33.4#
249 28.1 24.6 37.0

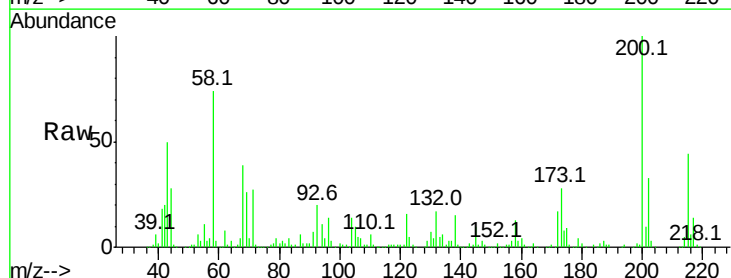


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

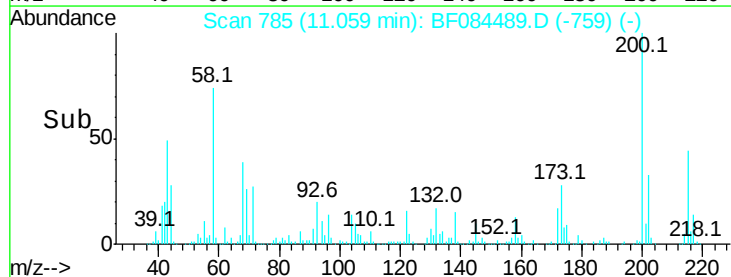
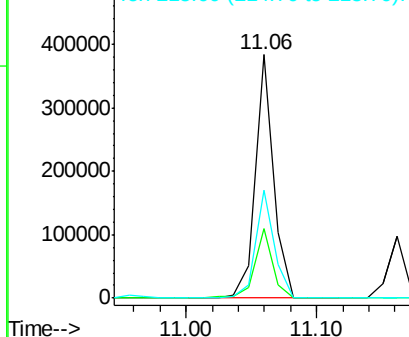


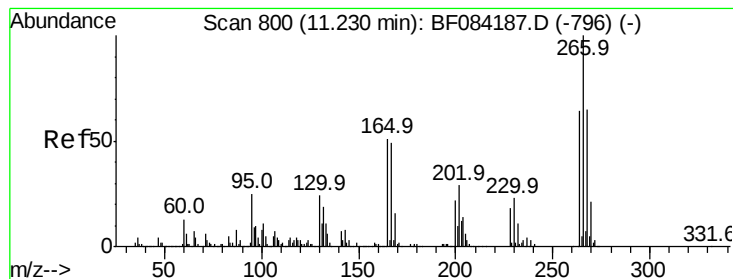
#68
Atrazine
Concen: 32.15 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF084489.D
Acq: 15 Jan 2016 14:25

Tgt Ion:200 Resp: 374607
Ion Ratio Lower Upper
200 100
173 28.4 9.5 49.5
215 44.2 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 62.20 ng

RT: 11.16 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

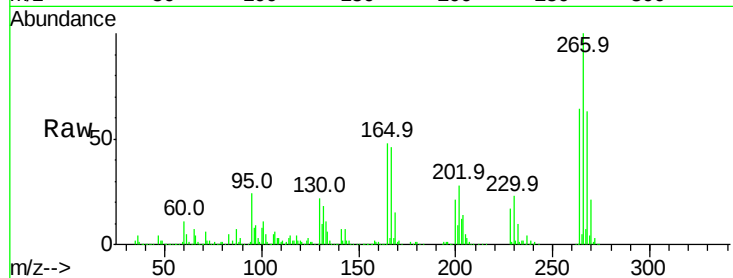
Tot Ion:266 Resp: 435132

Ion Ratio Lower Upper

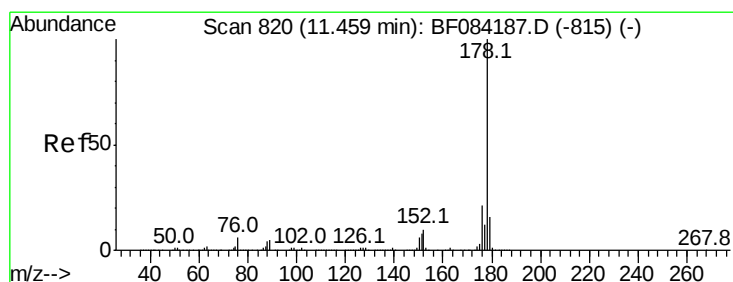
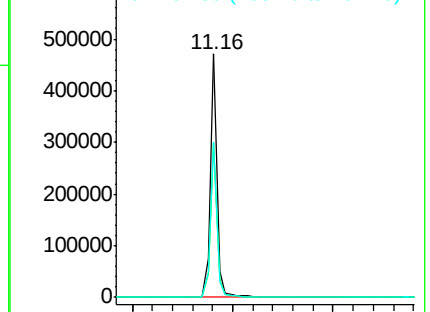
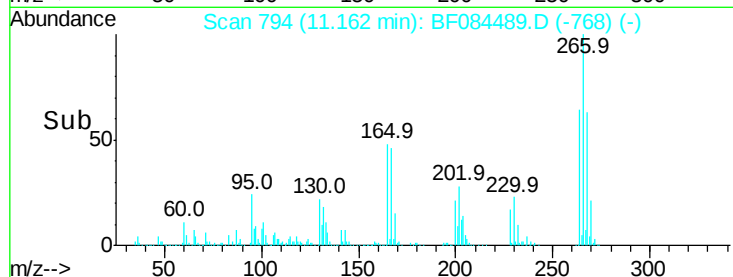
266 100

268 63.2 52.4 78.6

264 63.7 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.09 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

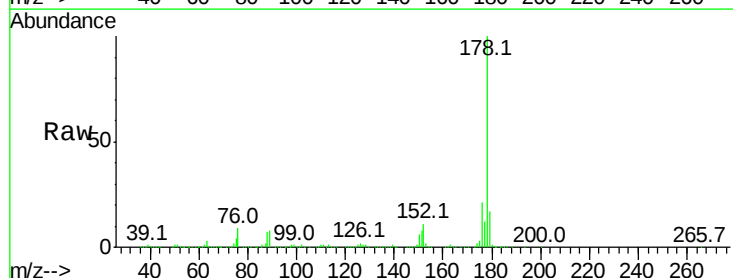
Tgt Ion:178 Resp: 2044018

Ion Ratio Lower Upper

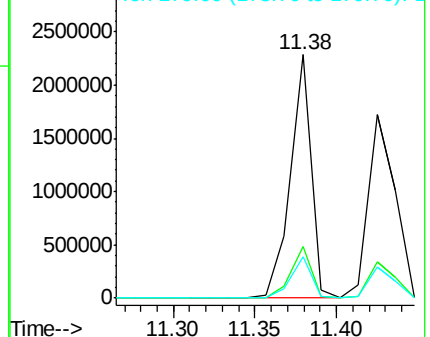
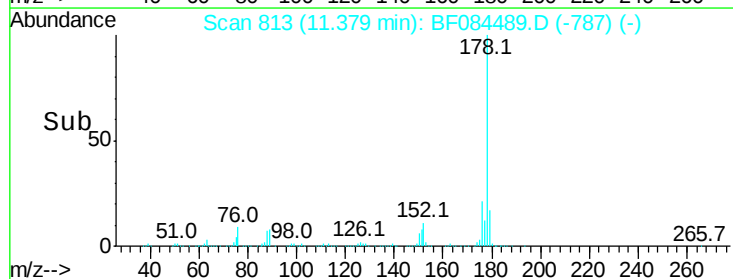
178 100

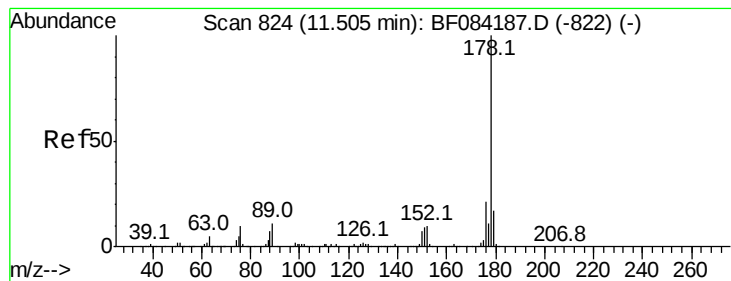
176 21.4 15.3 22.9

179 17.0 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 34.48 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

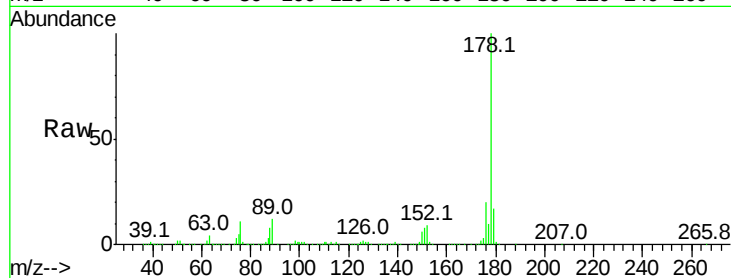
Tot Ion:178 Resp: 1969062

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

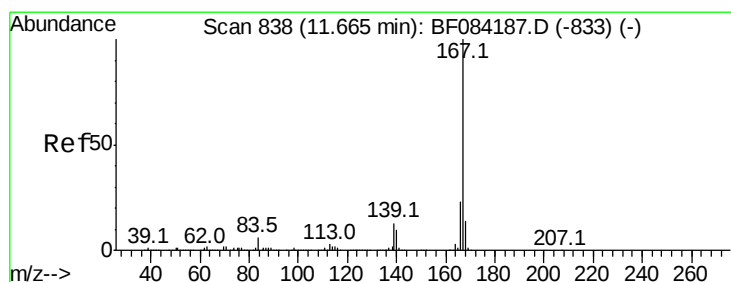
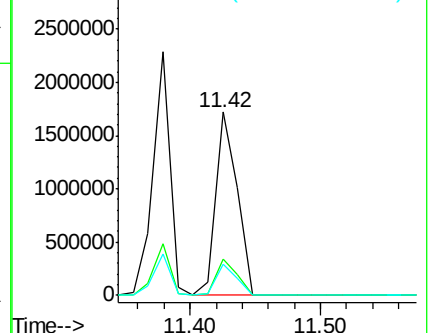
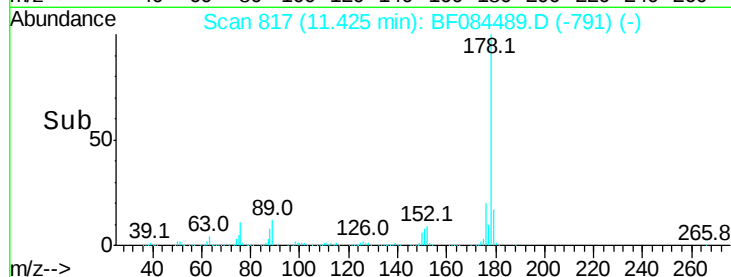
179 16.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 30.74 ng

RT: 11.58 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

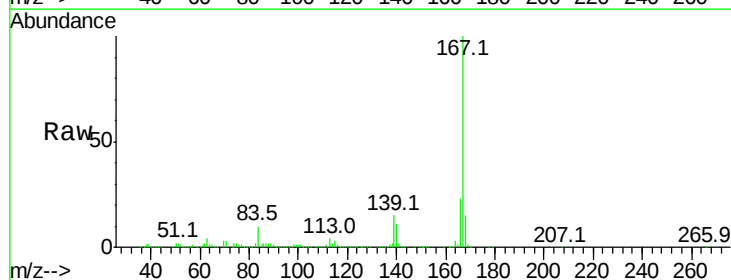
Tgt Ion:167 Resp: 1716232

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

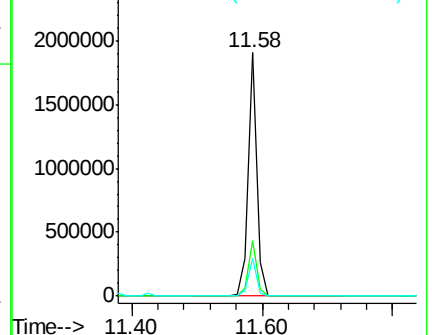
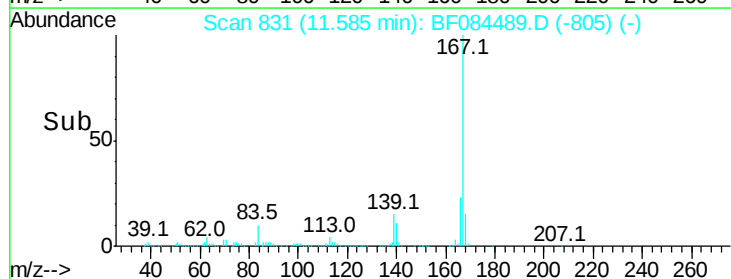
139 15.2 11.8 17.8

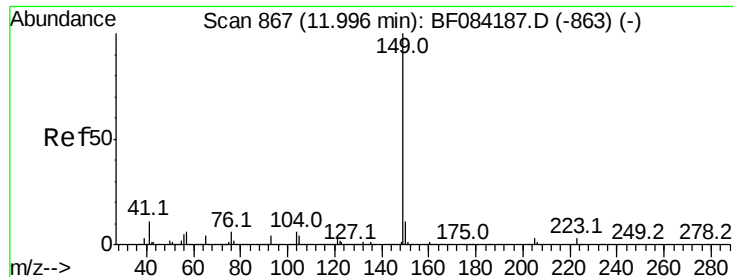


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.35 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampled :

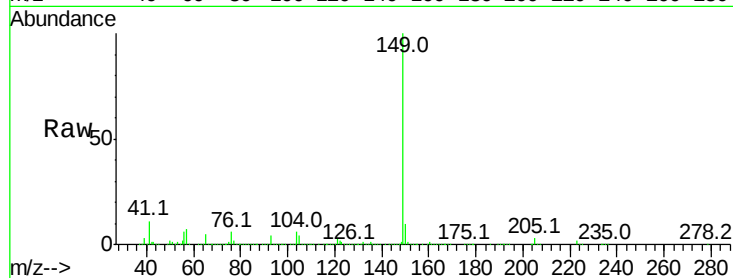
Tot Ion:149 Resp: 2174194

Ion Ratio Lower Upper

149 100

150 10.3 7.1 10.7

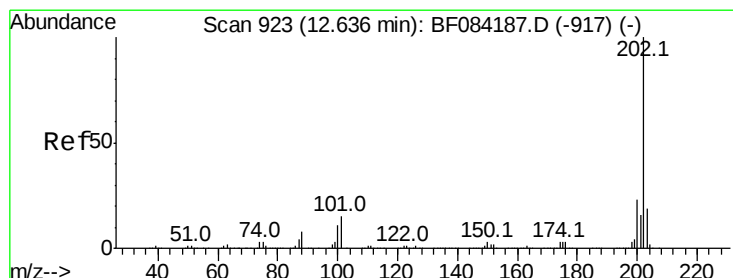
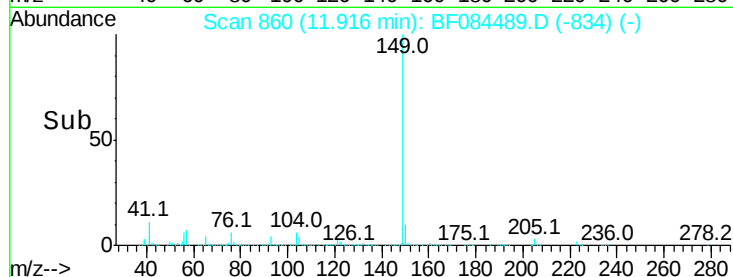
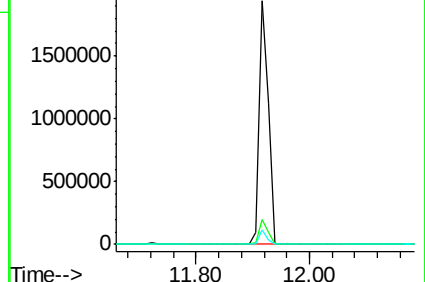
104 5.9 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.07 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

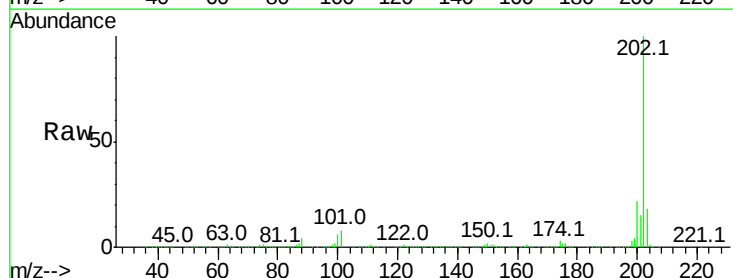
Tgt Ion:202 Resp: 2073393

Ion Ratio Lower Upper

202 100

101 7.9 0.0 32.8

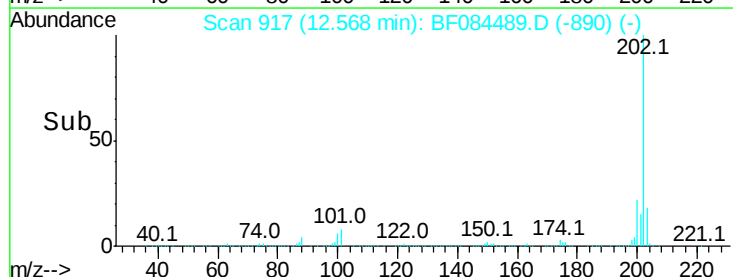
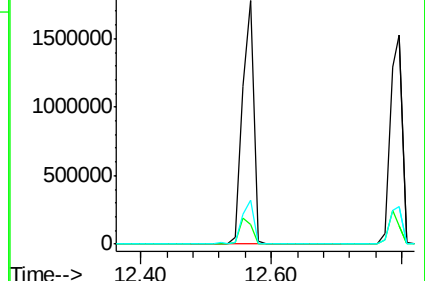
203 18.2 0.0 37.9

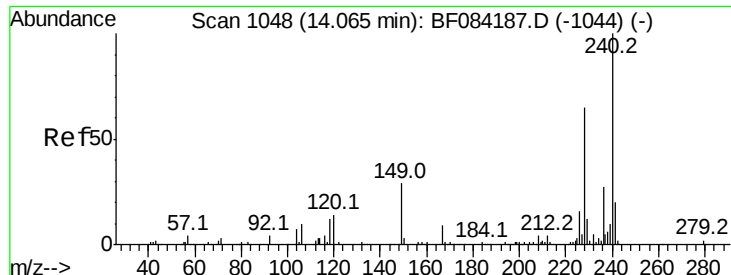


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

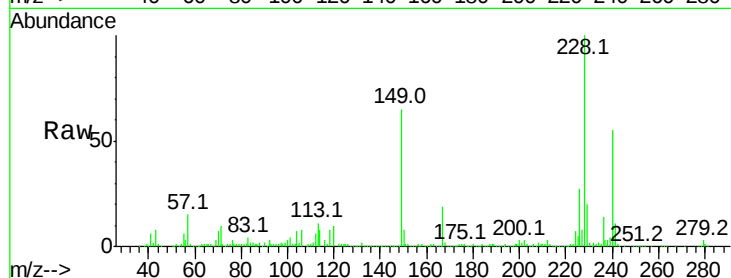
Tot Ion:240 Resp: 656564

Ion Ratio Lower Upper

240 100

120 18.1 9.5 14.3#

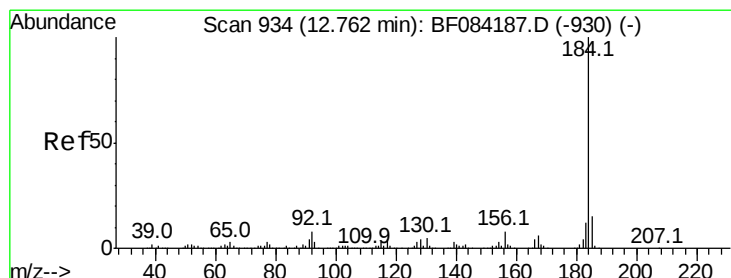
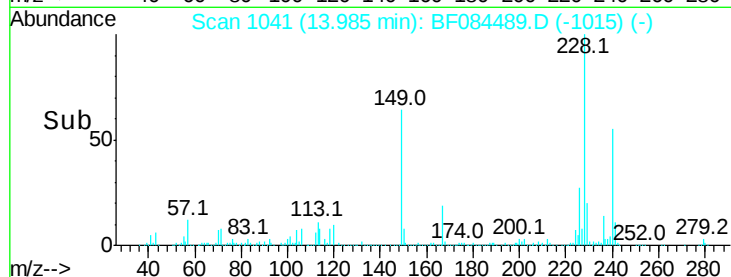
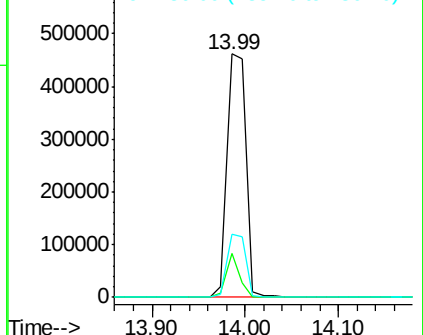
236 25.9 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.33 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

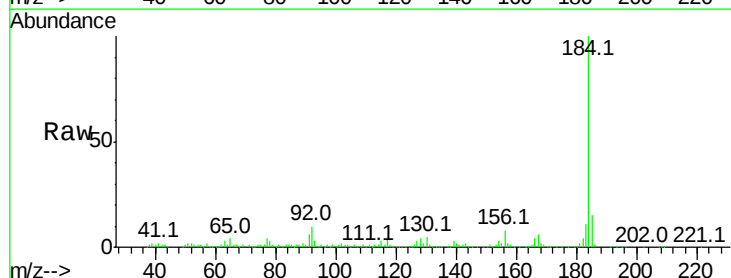
Tgt Ion:184 Resp: 619853

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

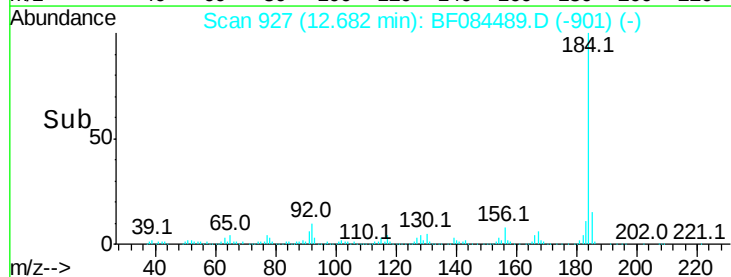
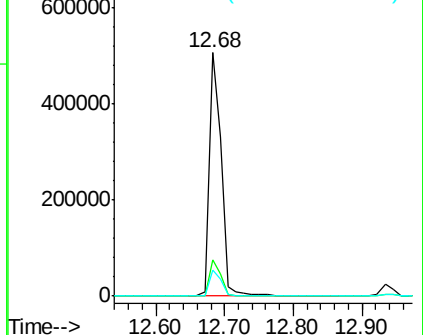
183 10.9 9.8 14.8

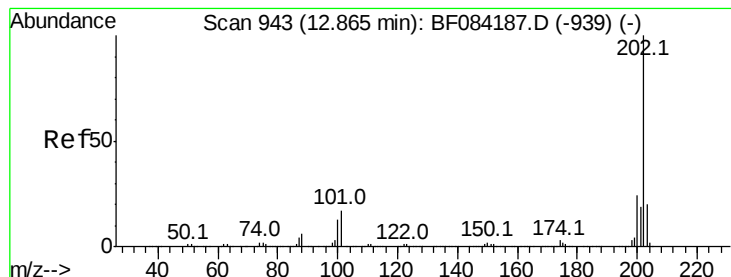


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.86 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

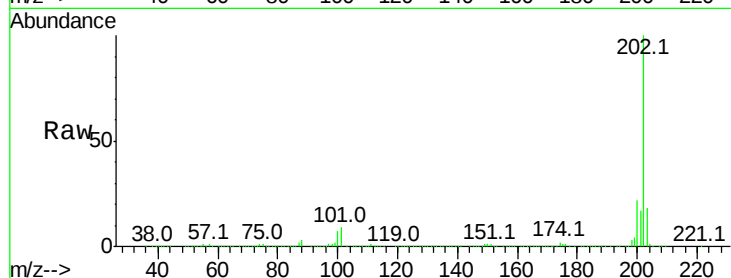
Tot Ion:202 Resp: 2002198

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

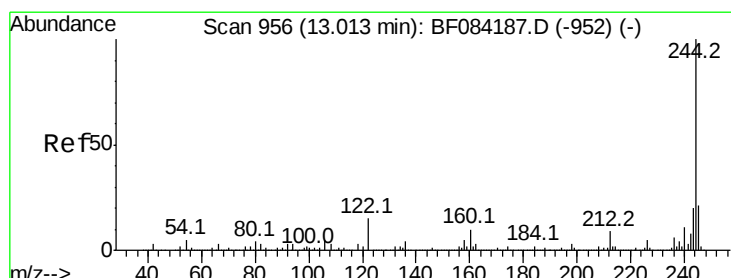
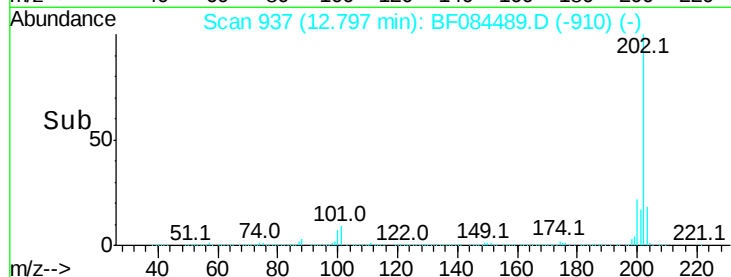
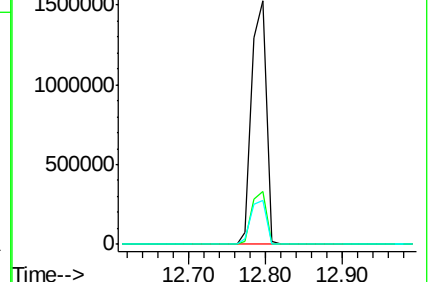
203 17.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.71 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

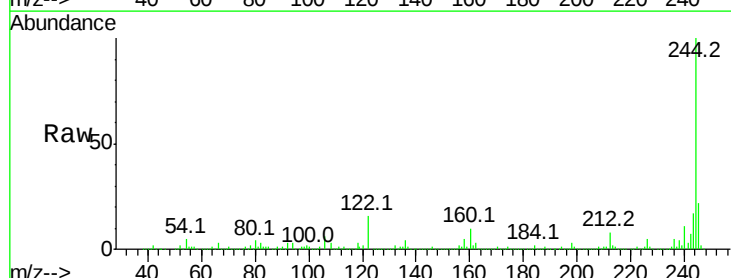
Tgt Ion:244 Resp: 2226851

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

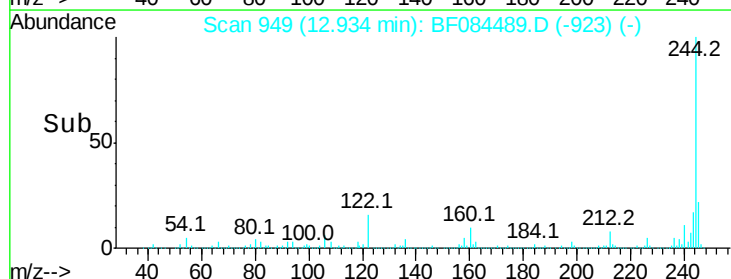
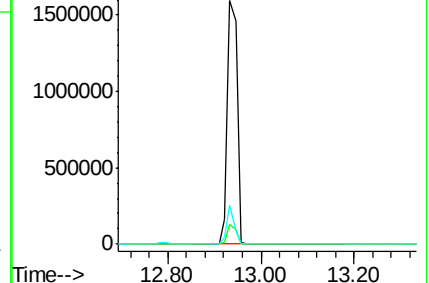
122 15.7 7.4 11.0#

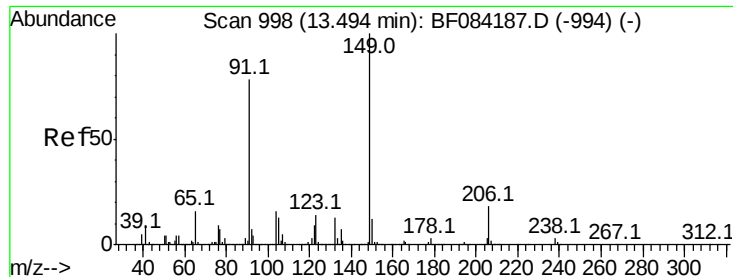


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.04 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampled :

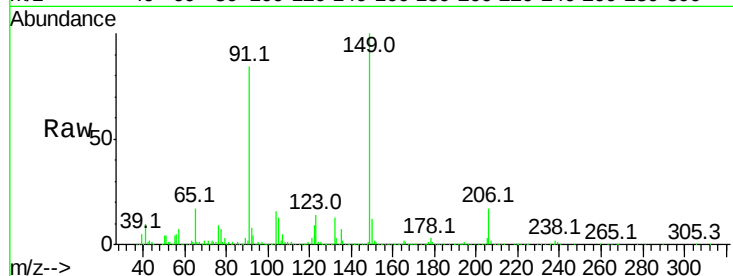
Tot Ion:149 Resp: 848229

Ion Ratio Lower Upper

149 100

91 83.7 57.6 86.4

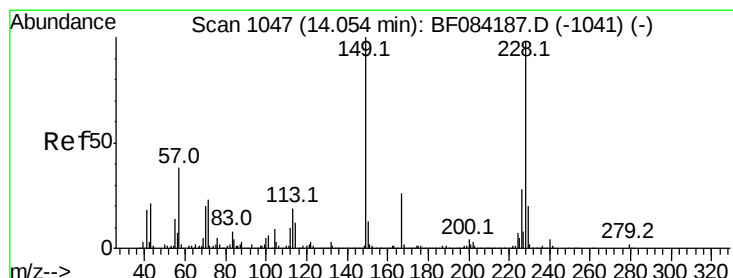
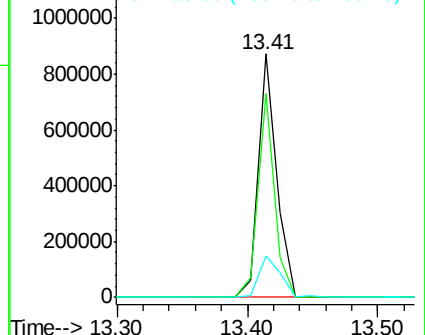
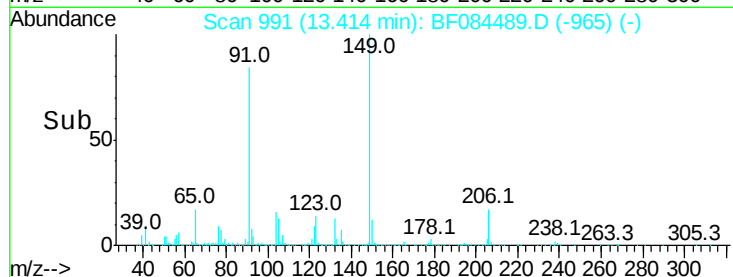
206 16.8 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.44 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

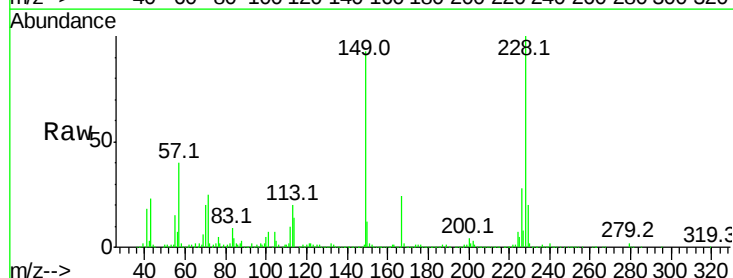
Tgt Ion:228 Resp: 1366363

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.6

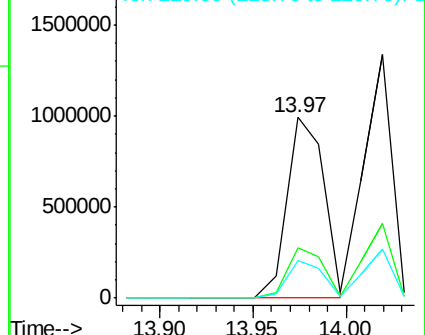
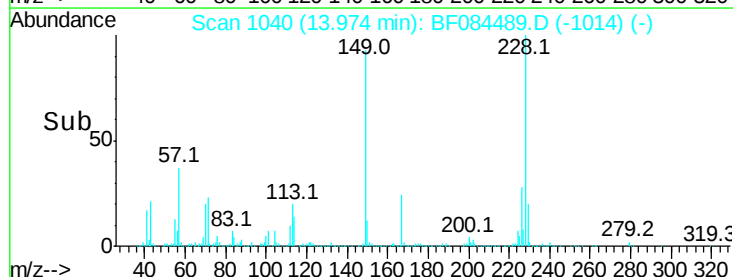
229 20.5 15.8 23.8

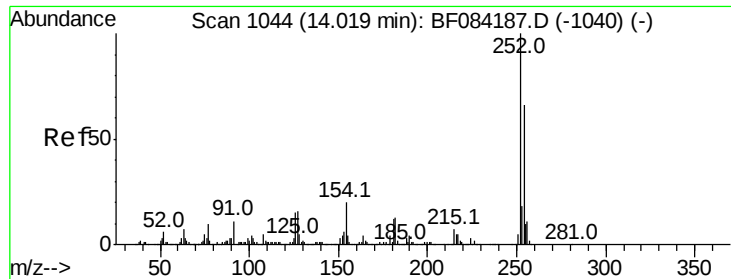


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

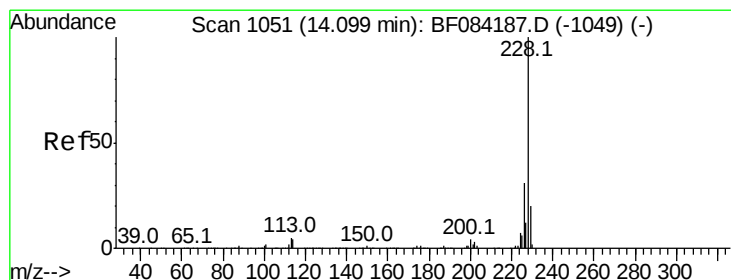
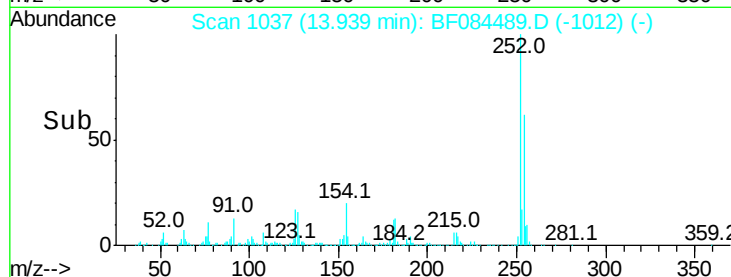
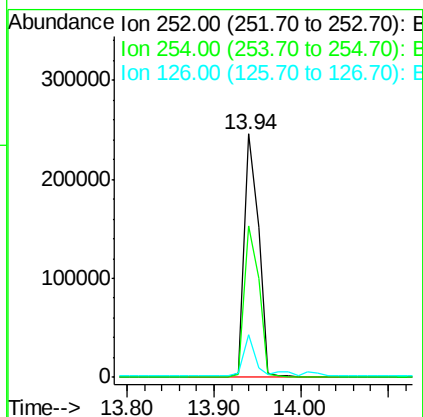
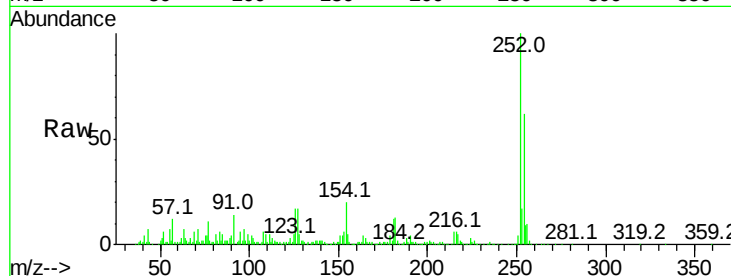




#81
 3,3'-Dichlorobenzidine
 Concen: 21.05 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF084489.D
 Acq: 15 Jan 2016 14:25

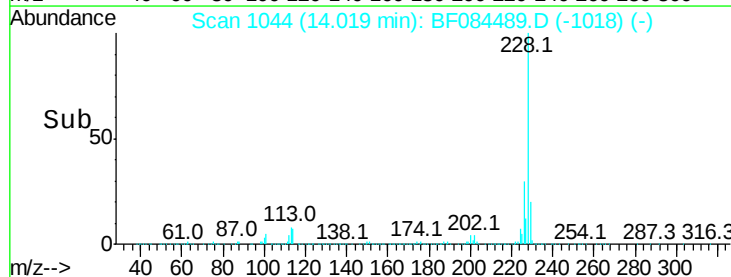
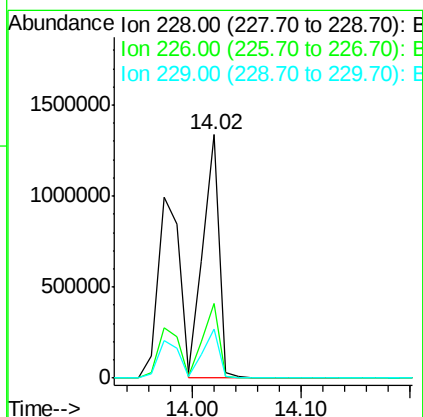
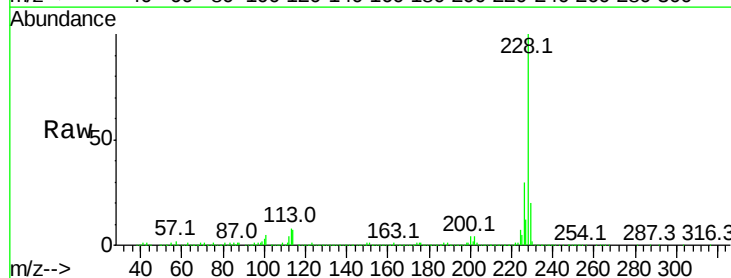
Instrument :
 BNA_F
 ClientSampleId :

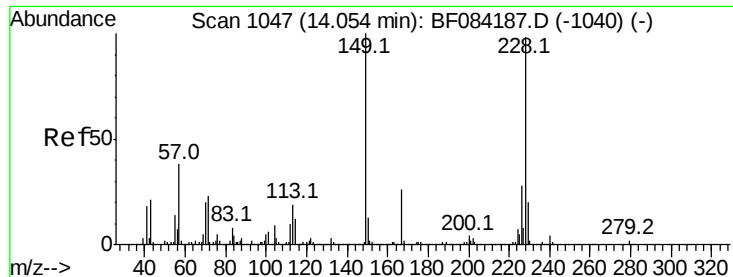
Tot Ion:252 Resp: 283216
 Ion Ratio Lower Upper
 252 100
 254 62.3 53.5 80.3
 126 17.4 4.9 7.3#



#82
 Chrysene
 Concen: 37.64 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084489.D
 Acq: 15 Jan 2016 14:25

Tgt Ion:228 Resp: 1394359
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.4 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.93 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

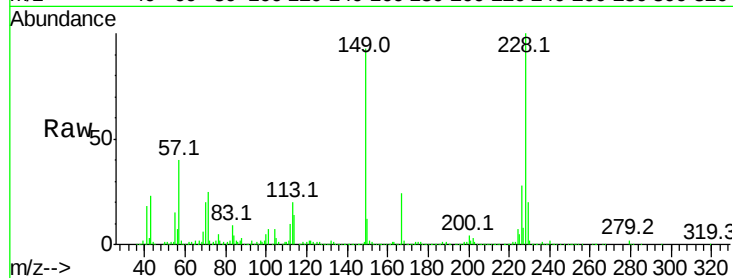
Tot Ion:149 Resp: 1040299

Ion Ratio Lower Upper

149 100

167 25.5 19.7 29.5

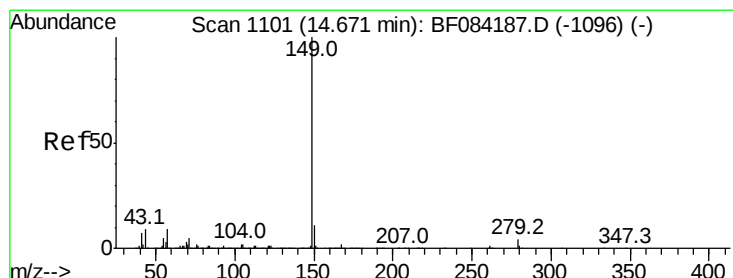
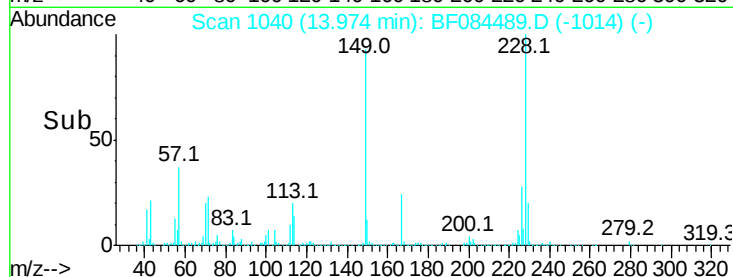
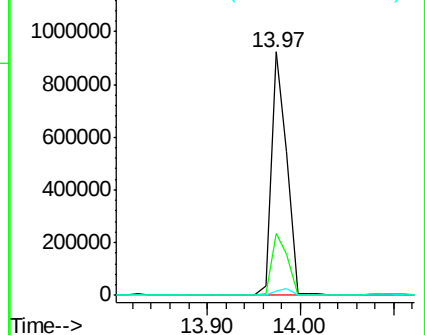
279 1.9 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.07 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

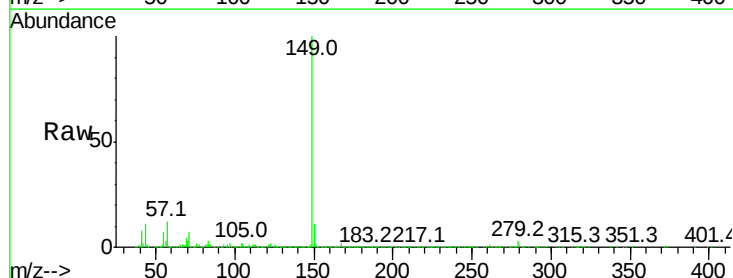
Tgt Ion:149 Resp: 1762730

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

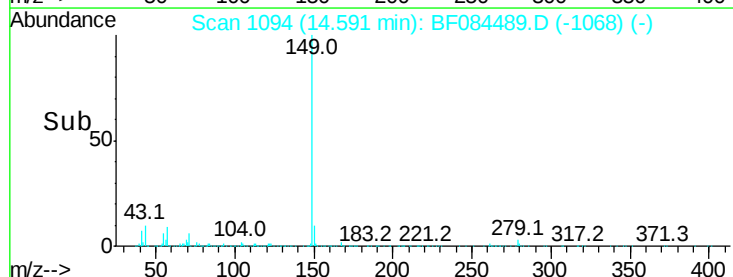
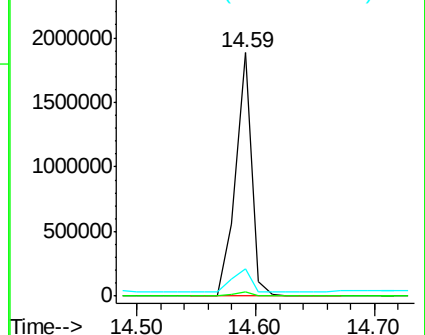
43 11.8 5.6 8.4#

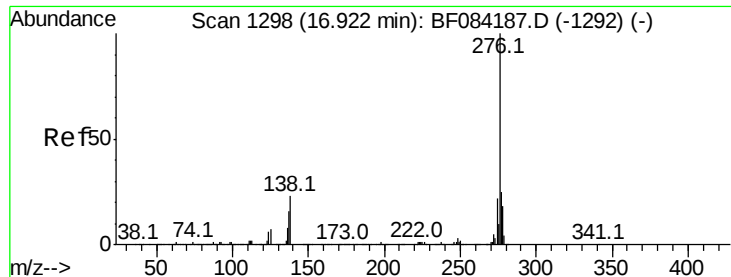


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.23 ng

RT: 16.80 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

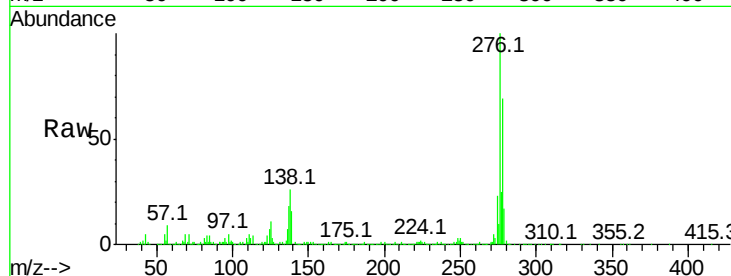
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1416287

Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.6	30.8
277	25.2	20.1	30.1

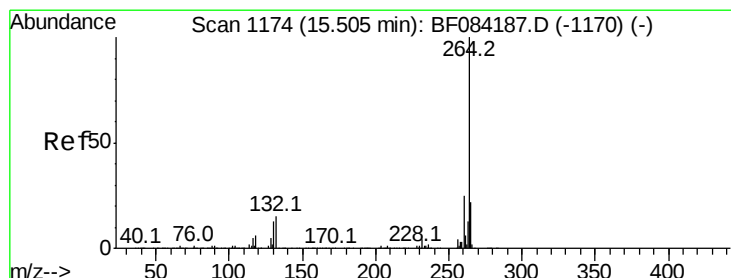
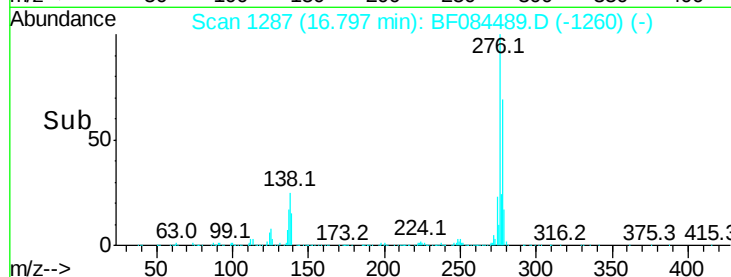
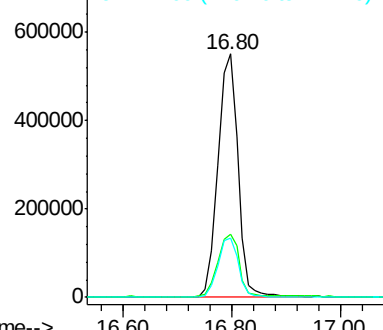


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

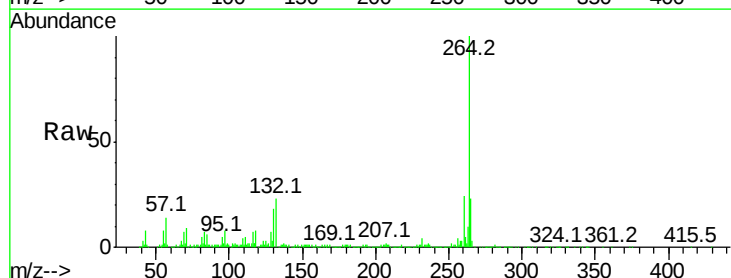
Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Tgt Ion:264 Resp: 631489

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.8	17.8	26.6

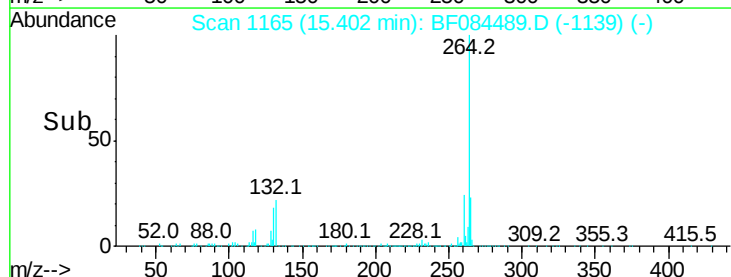
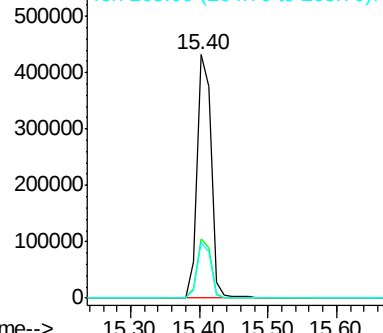


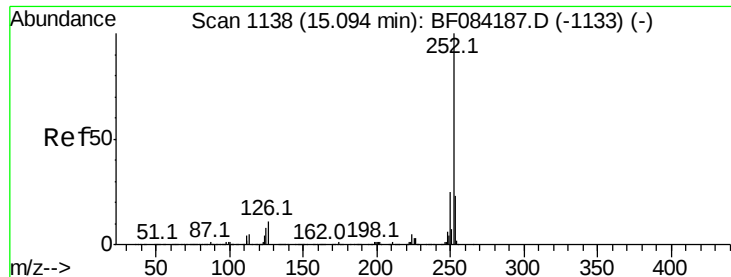
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 60.94 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

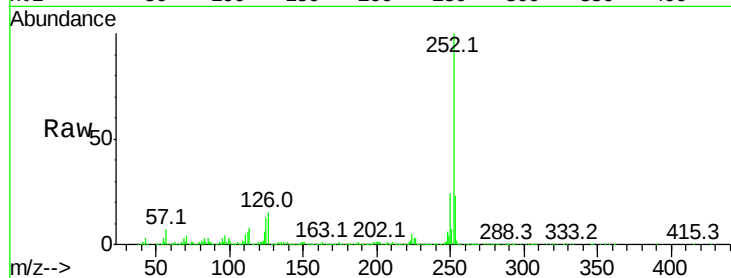
Tot Ion:252 Resp: 2517284

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

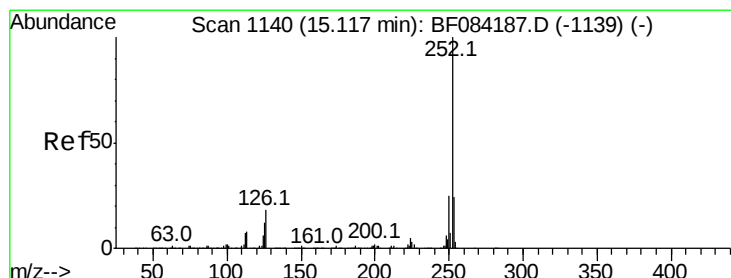
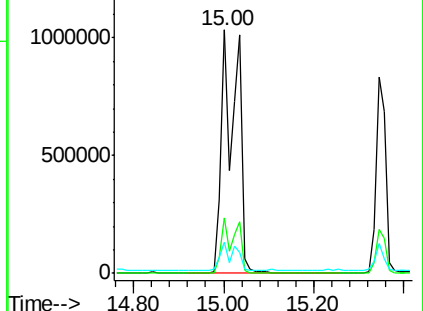
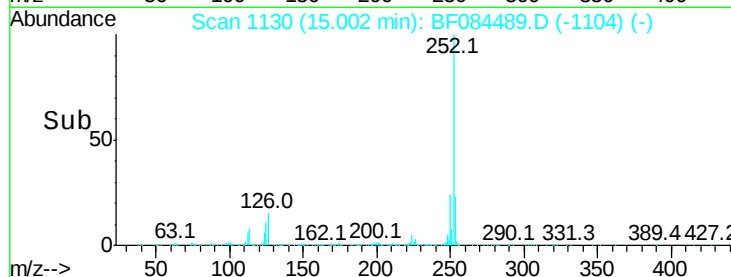
125 12.7 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 74.56 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

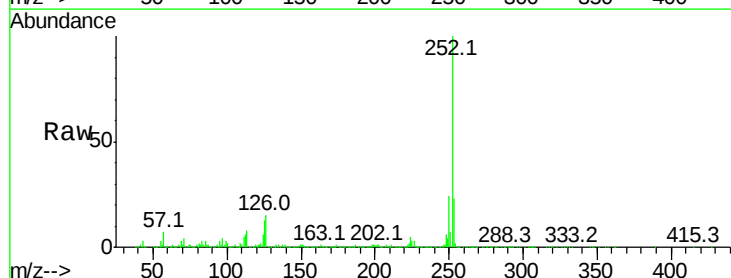
Tgt Ion:252 Resp: 2518961

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

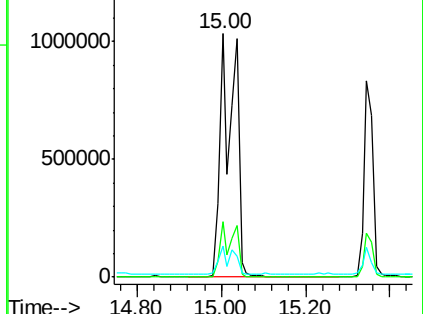
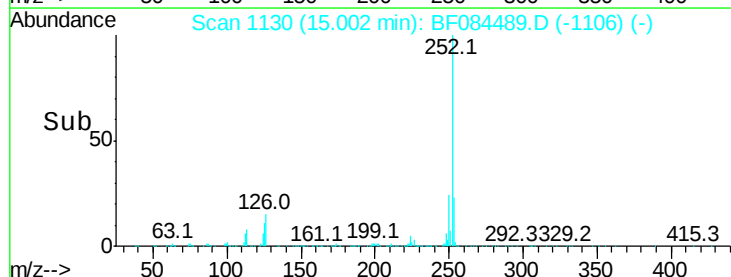
125 12.7 9.0 13.6

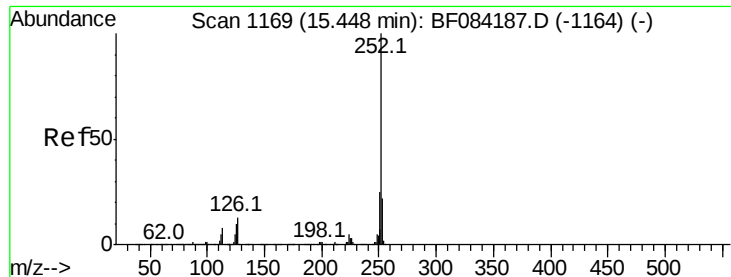


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.26 ng

RT: 15.35 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

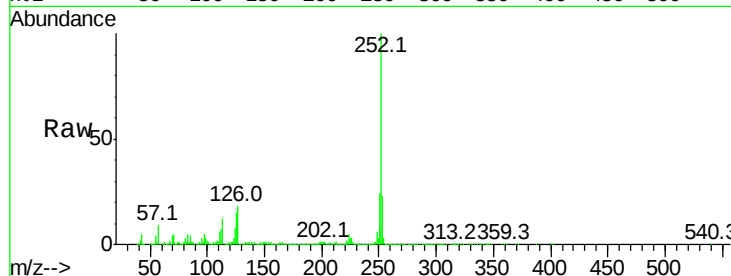
Tot Ion:252 Resp: 1235315

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

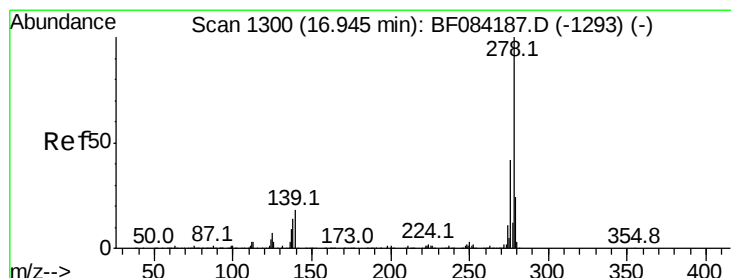
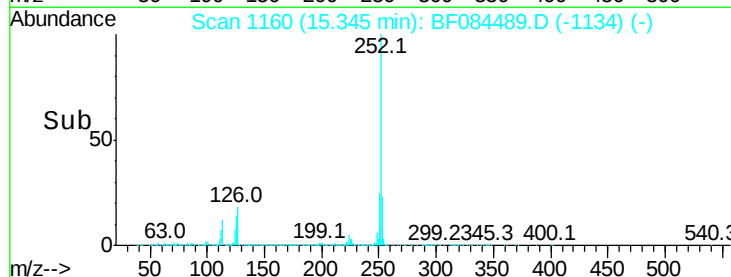
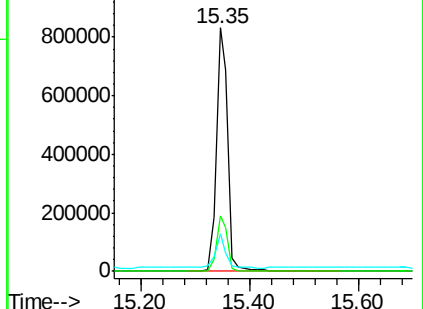
125 15.2 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.79 ng

RT: 16.81 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

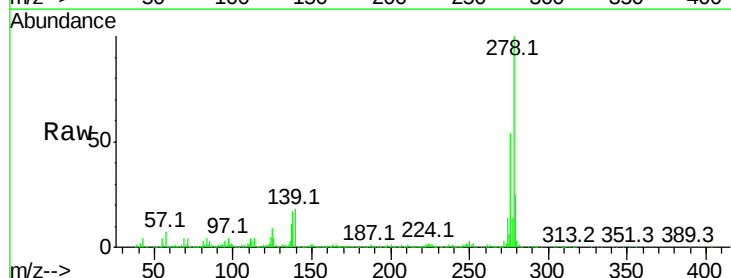
Tgt Ion:278 Resp: 1169659

Ion Ratio Lower Upper

278 100

139 18.1 15.0 22.4

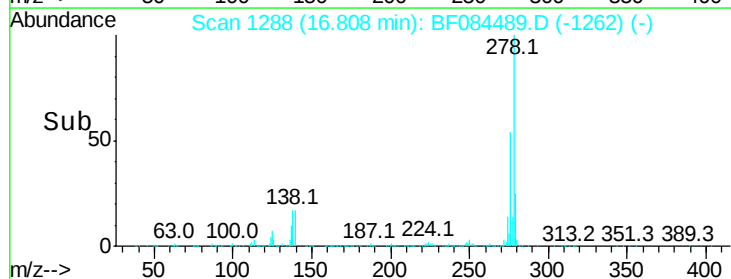
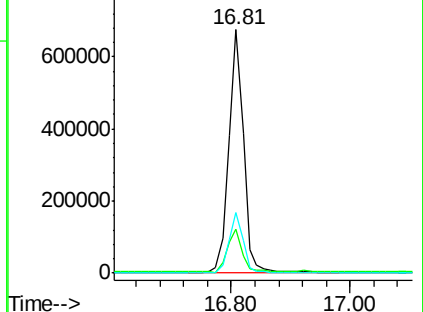
279 24.9 18.9 28.3

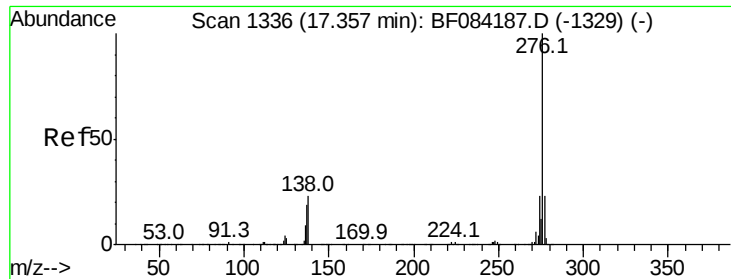


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.09 ng

RT: 17.21 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF084489.D

Acq: 15 Jan 2016 14:25

Instrument :

BNA_F

ClientSampleId :

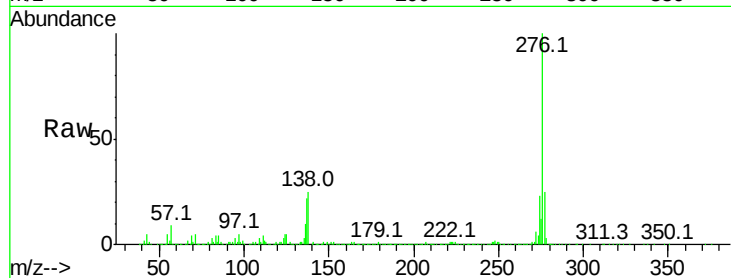
Tot Ion:276 Resp: 1220642

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 25.4 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

