

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084490.D
 Acq On : 15 Jan 2016 14:53
 Operator : SJ/UM
 Sample : PB87825BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:32:06 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	275442	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1107071	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	530676	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	917296	20.00	ng	0.01
75) Chrysene-d12	13.99	240	555707	20.00	ng	0.00
86) Perylene-d12	15.40	264	561776	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1415595	83.13	ng	0.01
7) Phenol-d6	6.46	99	1919171	89.73	ng	0.00
23) Nitrobenzene-d5	7.39	82	1622591	81.57	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	449020	83.81	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2829306	94.50	ng	0.00
78) Terphenyl-d14	12.94	244	2561014	102.87	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	296172	36.71	ng	# 78
3) Pyridine	3.18	79	922974	41.04	ng	# 76
4) n-Nitrosodimethylamine	3.14	42	429690	37.22	ng	# 90
6) Aniline	6.49	93	506075	16.18	ng	# 42
8) 2-Chlorophenol	6.61	128	877183	45.40	ng	97
9) Benzaldehyde	6.36	77	121190	8.70	ng	91
10) Phenol	6.49	94	1010588	41.56	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	850264	45.14	ng	96
12) 1,3-Dichlorobenzene	6.76	146	847482	42.52	ng	# 96
13) 1,4-Dichlorobenzene	6.84	146	881216	44.09	ng	95
14) 1,2-Dichlorobenzene	6.99	146	780958	40.80	ng	95
15) Benzyl Alcohol	6.97	79	668609	37.16	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1337340	38.99	ng	88
17) 2-Methylphenol	7.09	107	721139	44.53	ng	95
18) Hexachloroethane	7.33	117	329422	41.22	ng	92
19) n-Nitroso-di-n-propylamine	7.24	70	562138	38.83	ng	# 74
20) 3+4-Methylphenols	7.24	107	832728	43.75	ng	# 56
22) Acetophenone	7.24	105	1148837	43.16	ng	# 93
24) Nitrobenzene	7.41	77	966084	47.89	ng	95
25) Isophorone	7.65	82	1618926	42.55	ng	98
26) 2-Nitrophenol	7.73	139	468276	51.00	ng	# 86
27) 2,4-Dimethylphenol	7.78	122	842500	45.33	ng	88
28) bis(2-Chloroethoxy)methane	7.87	93	1058531	45.55	ng	97
29) 2,4-Dichlorophenol	7.97	162	681255	44.00	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	726616	45.46	ng	96
31) Naphthalene	8.13	128	2265802	45.11	ng	98
32) Benzoic acid	7.90	122	471426	40.54	ng	97
33) 4-Chloroaniline	8.18	127	240619	10.45	ng	98
34) Hexachlorobutadiene	8.25	225	393156	42.79	ng	99
35) Caprolactam	8.56	113	168731	32.33	ng	# 38
36) 4-Chloro-3-methylphenol	8.68	107	785301	45.28	ng	99
37) 2-Methylnaphthalene	8.83	142	1637110	45.40	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	605403	39.68	ng	99
40) Hexachlorocyclopentadiene	8.98	237	565871	61.44	ng	96

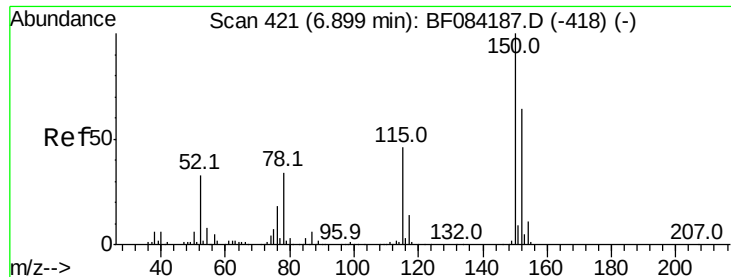
Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084490.D
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Quant Time: Jan 16 01:32:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	464018	40.65	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	483740	44.21	nq #	92
45) 1,1'-Biphenyl	9.29	154	1819794	43.15	nq	98
46) 2-Chloronaphthalene	9.32	162	1412424	42.63	nq #	85
47) 2-Nitroaniline	9.41	65	464841	42.51	nq	96
48) Acenaphthylene	9.73	152	2181559	44.57	nq	96
49) Dimethylphthalate	9.60	163	1544444	40.71	nq #	90
50) 2,6-Dinitrotoluene	9.65	165	372501	44.77	nq #	46
51) Acenaphthene	9.90	154	1650847	50.28	nq	97
52) 3-Nitroaniline	9.82	138	198423	19.24	nq	85
53) 2,4-Dinitrophenol	9.94	184	405187	112.79	nq #	75
54) Dibenzofuran	10.08	168	1853585	43.49	nq	94
55) 4-Nitrophenol	10.01	139	696980	93.13	nq	84
56) 2,4-Dinitrotoluene	10.06	165	548169	52.05	nq	94
57) Fluorene	10.42	166	1511724	46.03	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	394579	42.24	nq #	86
59) Diethylphthalate	10.29	149	1641205	43.88	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	645127	46.82	nq	94
61) 4-Nitroaniline	10.44	138	373090	40.59	nq	88
62) Azobenzene	10.57	77	1690183	41.20	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	247514	44.29	nq #	54
65) n-Nitrosodiphenylamine	10.53	169	1361964	46.44	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	441590	44.73	nq #	85
67) Hexachlorobenzene	10.97	284	516328	46.46	nq #	91
68) Atrazine	11.06	200	409710	42.69	nq	98
69) Pentachlorophenol	11.16	266	468504	81.31	nq	97
70) Phenanthrene	11.38	178	2214760	46.16	nq	95
71) Anthracene	11.42	178	2121257	45.10	nq	98
72) Carbazole	11.58	167	1855102	40.34	nq	98
73) Di-n-butylphthalate	11.92	149	2332756	48.74	nq #	95
74) Fluoranthene	12.57	202	2268054	45.25	nq	94
76) Benzidine	12.68	184	745755	37.43	nq	99
77) Pyrene	12.80	202	2254018	51.69	nq	99
79) Butylbenzylphthalate	13.41	149	957115	50.72	nq	89
80) Benzo(a)anthracene	13.97	228	1522890	46.67	nq	97
81) 3,3'-Dichlorobenzidine	13.94	252	343241	30.14	nq #	95
82) Chrysene	14.02	228	1592549	50.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1163656	48.81	nq	98
84) Di-n-octyl phthalate	14.59	149	1998995	49.67	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.80	276	1621708	65.25	nq	98
87) Benzo(b)fluoranthene	15.04	252	2936373	79.91	nq	98
88) Benzo(k)fluoranthene	15.04	252	2936373	97.70	nq #	97
89) Benzo(a)pyrene	15.35	252	1434786	46.03	nq #	93
90) Dibenzo(a,h)anthracene	16.81	278	1330118	49.59	nq	99
91) Benzo(g,h,i)perylene	17.21	276	1377508	49.59	nq	97

(#) = 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: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampled :

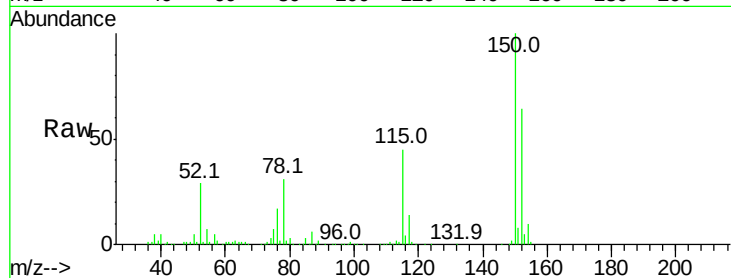
Tot Ion:152 Resp: 275442

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

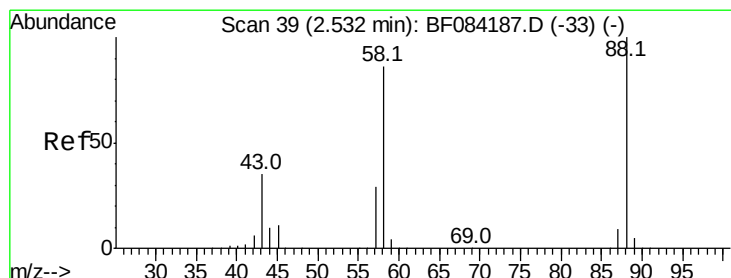
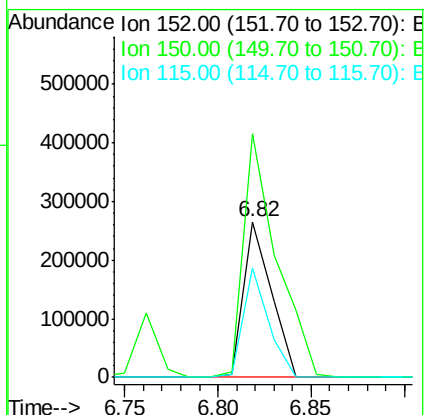
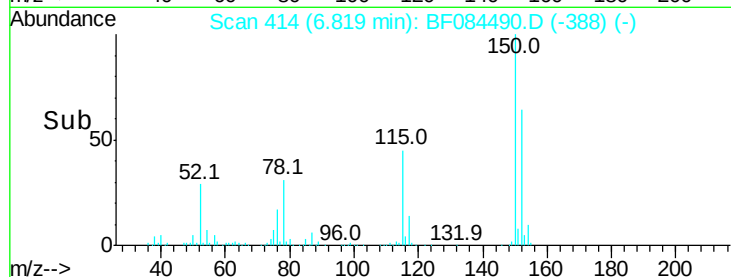
115 69.9 51.4 77.2



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: 36.71 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.09 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

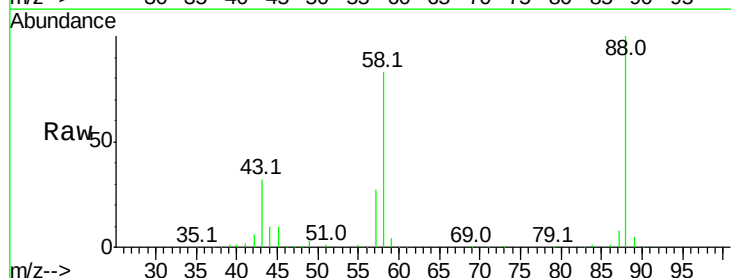
Tgt Ion: 88 Resp: 296172

Ion Ratio Lower Upper

88 100

58 84.2 51.2 76.8#

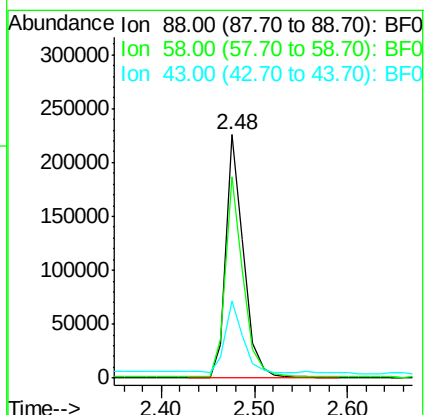
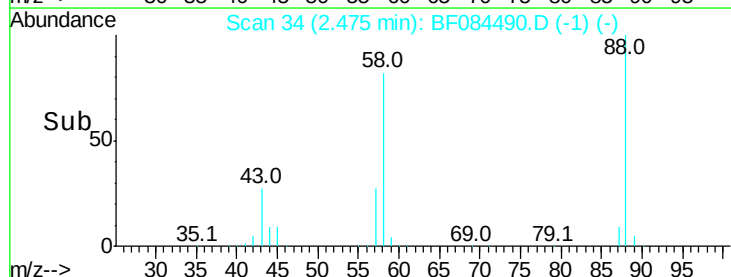
43 29.4 19.5 29.3#

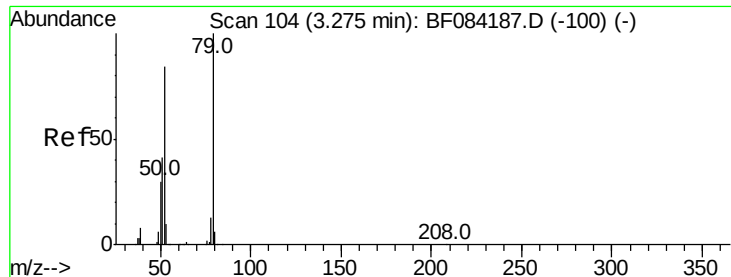


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.04 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampled :

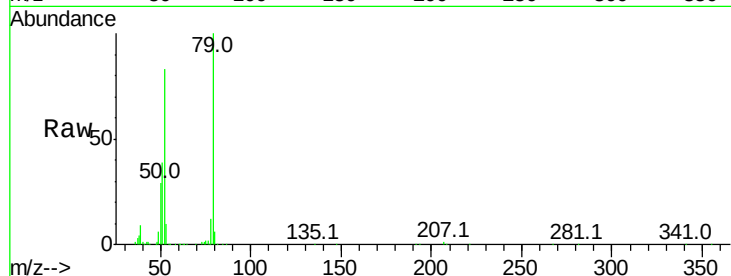
Tot Ion: 79 Resp: 922974

Ion Ratio Lower Upper

79 100

52 83.1 49.0 73.4#

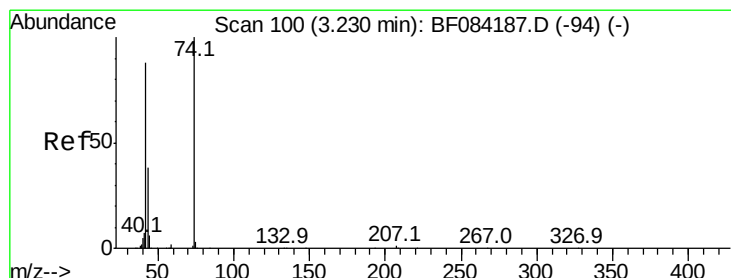
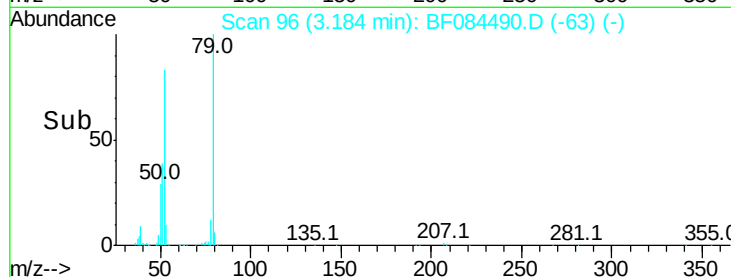
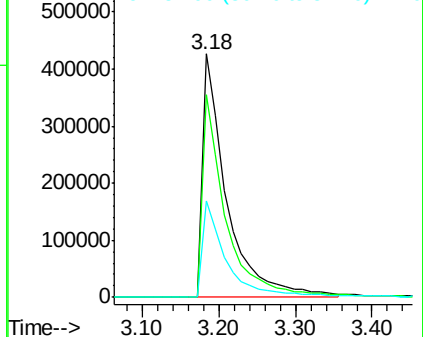
51 39.4 25.2 37.8#



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: 37.22 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

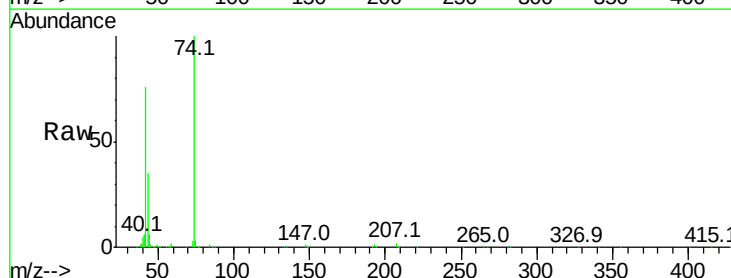
Tgt Ion: 42 Resp: 429690

Ion Ratio Lower Upper

42 100

74 131.8 115.7 173.5

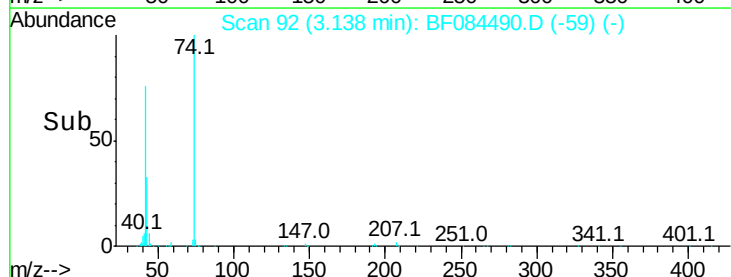
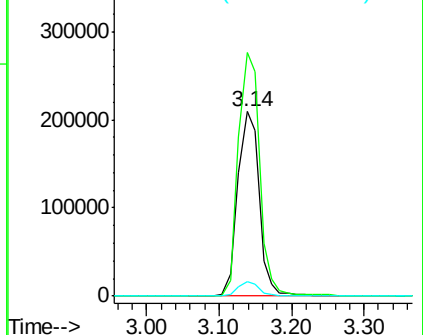
44 7.7 5.1 7.7#

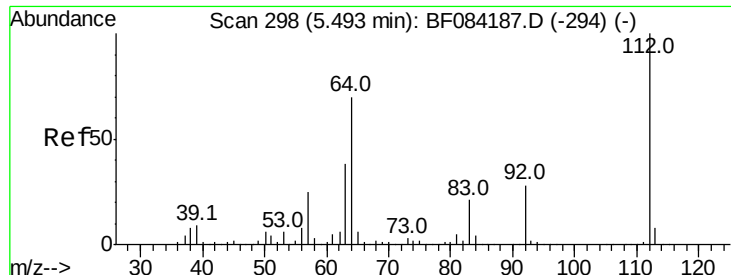


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.13 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampled :

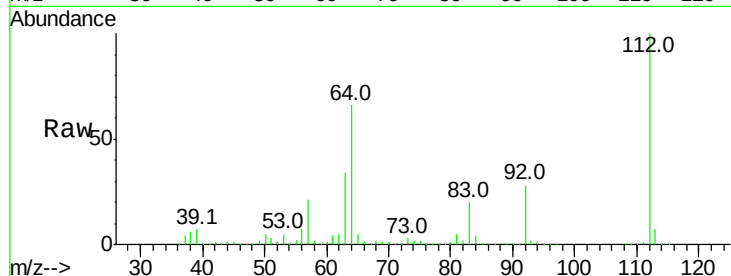
Tot Ion:112 Resp: 1415595

Ion Ratio Lower Upper

112 100

64 65.7 36.6 55.0#

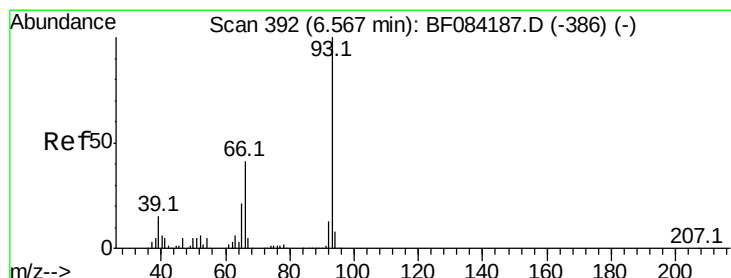
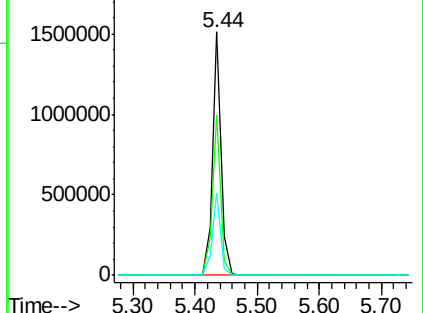
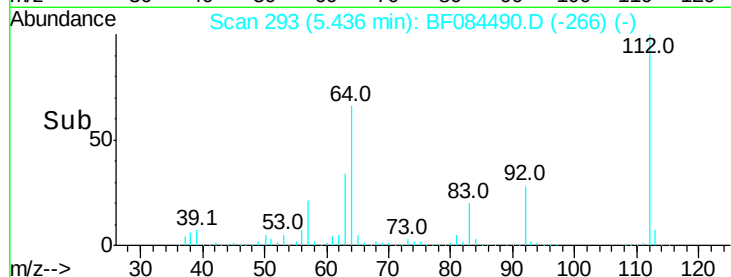
63 33.7 19.4 29.0#



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: 16.18 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

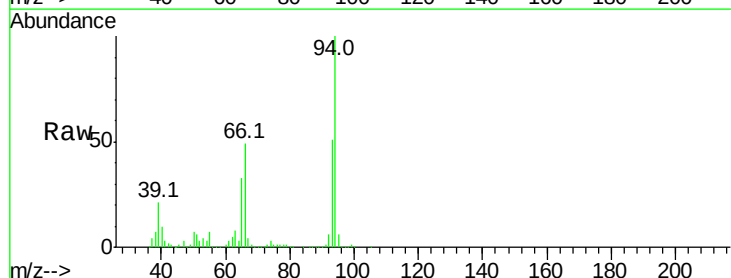
Tgt Ion: 93 Resp: 506075

Ion Ratio Lower Upper

93 100

66 96.1 44.9 67.3#

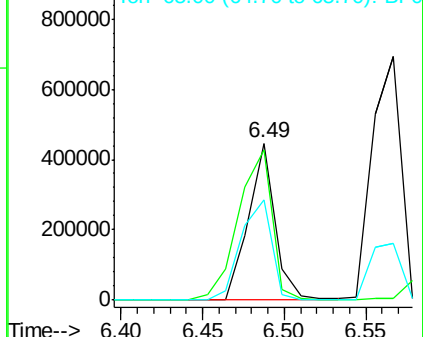
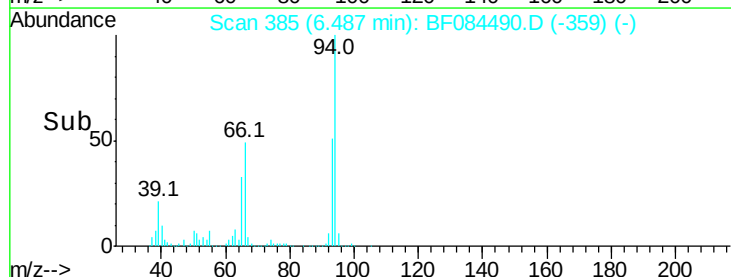
65 63.9 23.7 35.5#

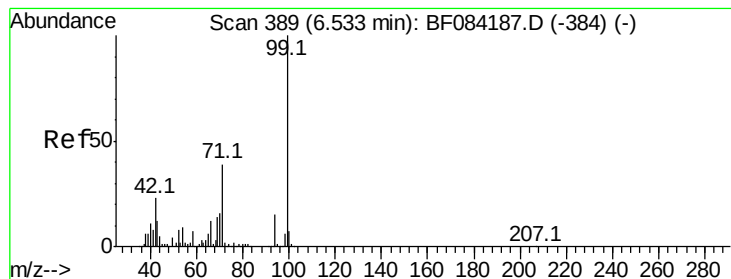


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.73 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

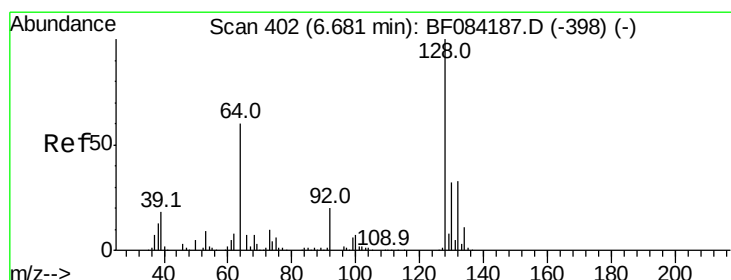
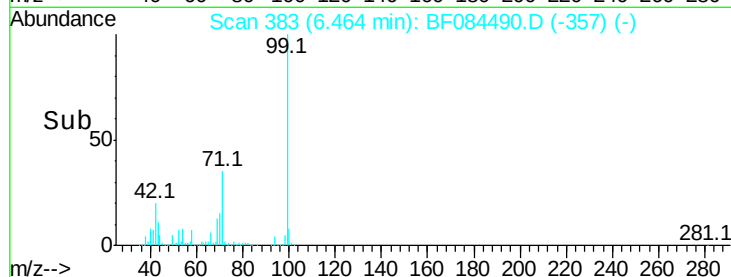
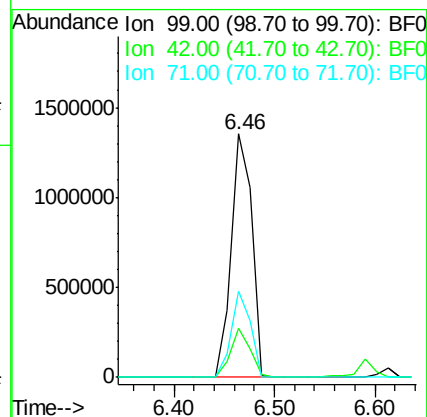
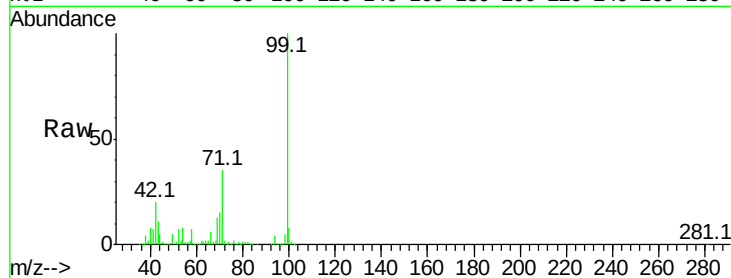
Tot Ion: 99 Resp: 1919171

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

71 35.1 30.9 46.3



#8

2-Chlorophenol

Concen: 45.40 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

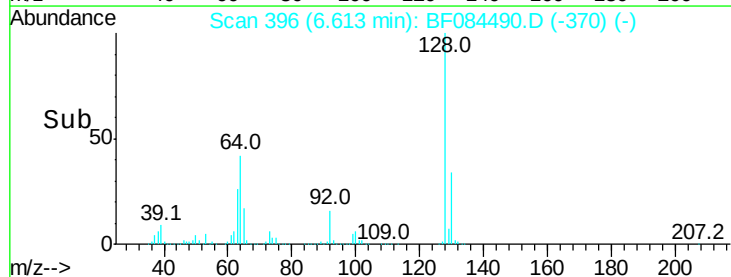
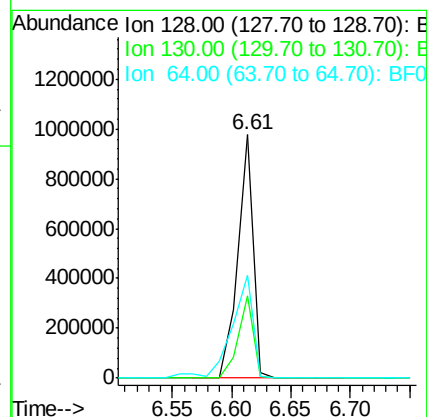
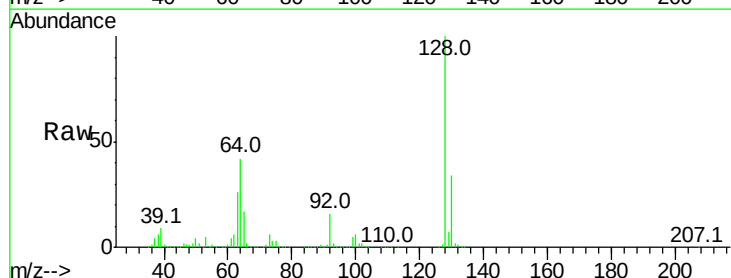
Tgt Ion:128 Resp: 877183

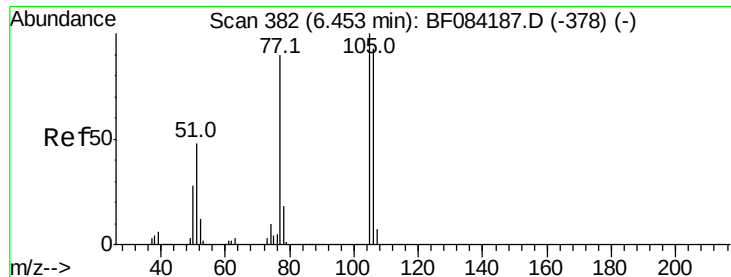
Ion Ratio Lower Upper

128 100

130 34.1 11.6 51.6

64 42.4 23.8 63.8





#9

Benzaldehyde

Concen: 8.70 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

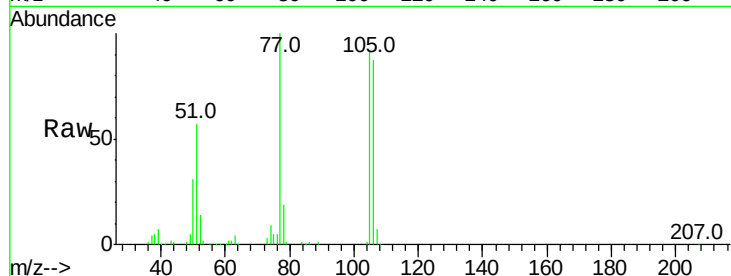
Tot Ion: 77 Resp: 121190

Ion Ratio Lower Upper

77 100

105 91.6 83.0 123.0

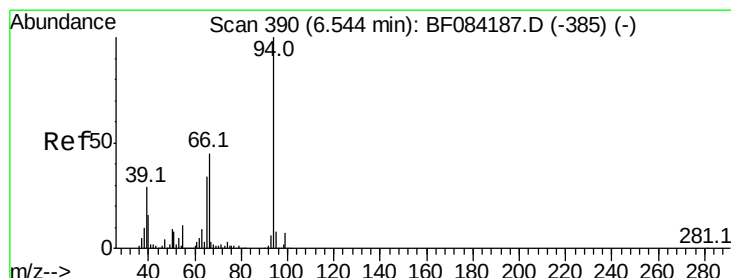
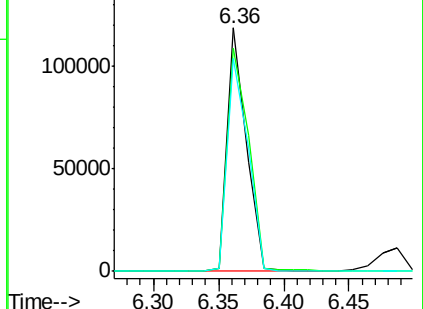
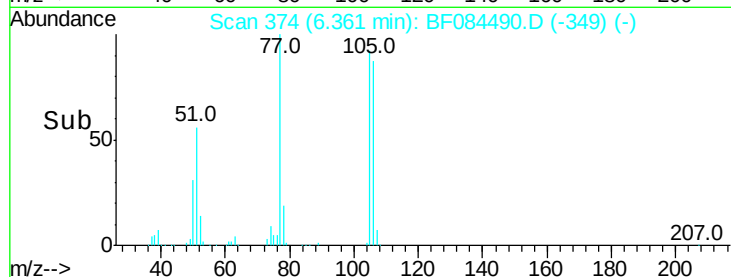
106 87.4 74.6 114.6



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: 41.56 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

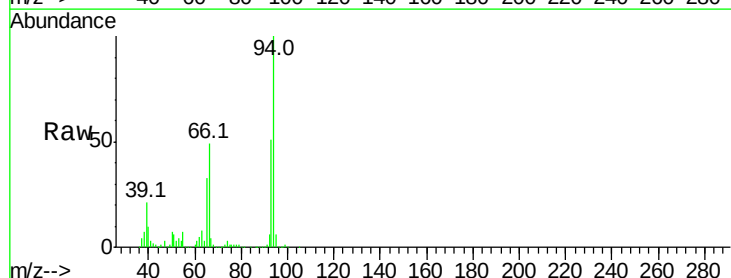
Tgt Ion: 94 Resp: 1010588

Ion Ratio Lower Upper

94 100

65 32.6 12.9 52.9

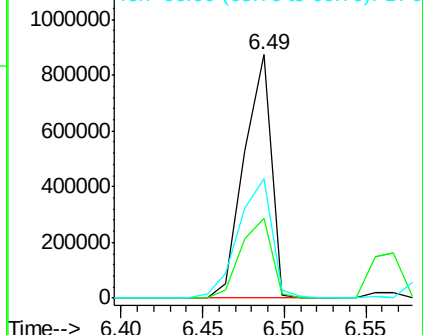
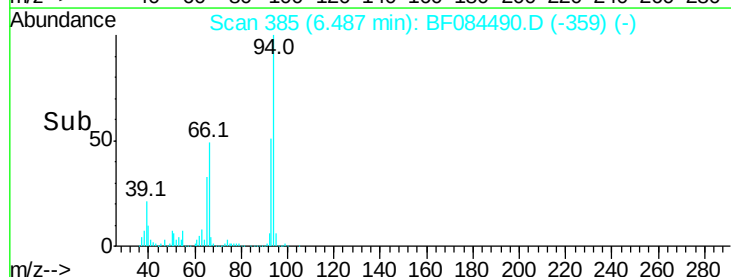
66 49.0 32.7 72.7

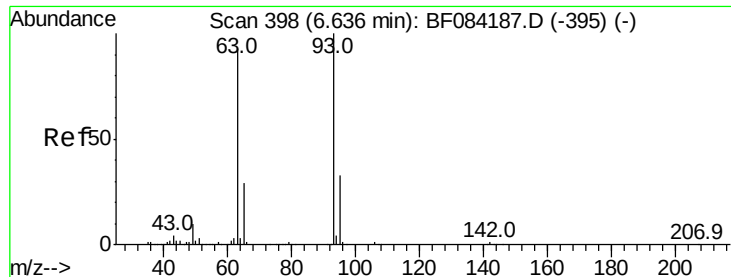


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

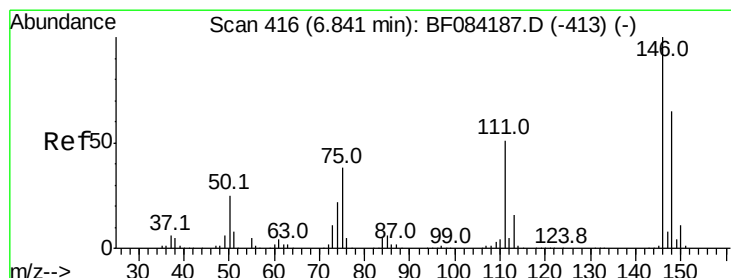
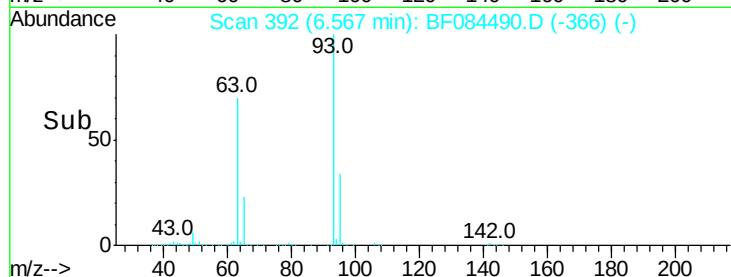
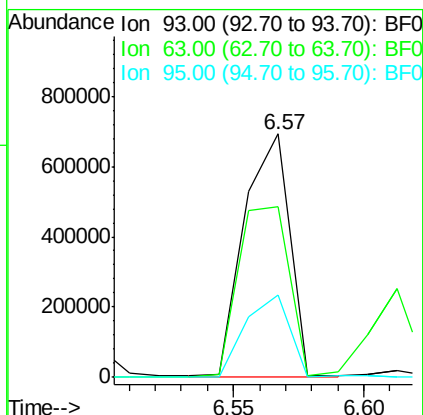
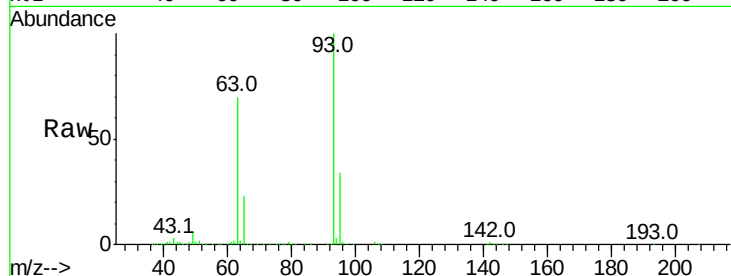




#11
bis(2-Chloroethyl)ether
Concen: 45.14 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

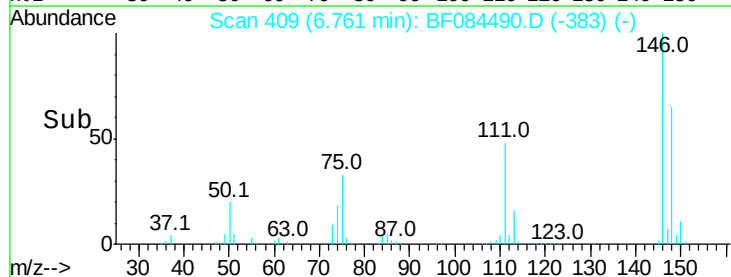
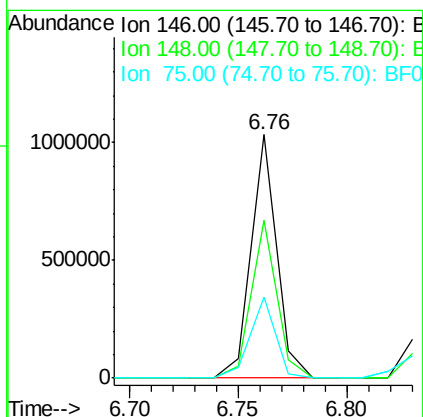
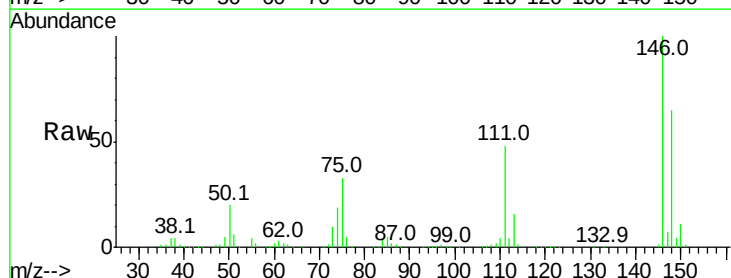
Instrument :
BNA_F
ClientSampleId :

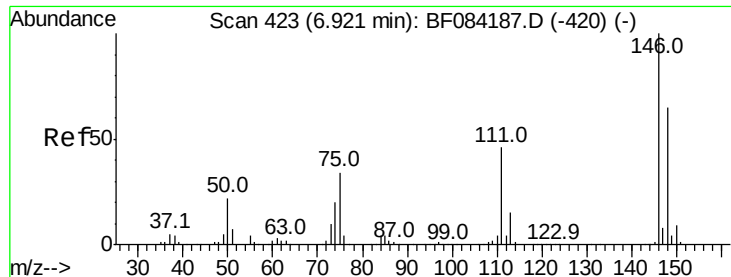
Tot Ion: 93 Resp: 850264
Ion Ratio Lower Upper
93 100
63 69.9 45.9 85.9
95 34.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.52 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Tgt Ion: 146 Resp: 847482
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 33.4 20.5 30.7#

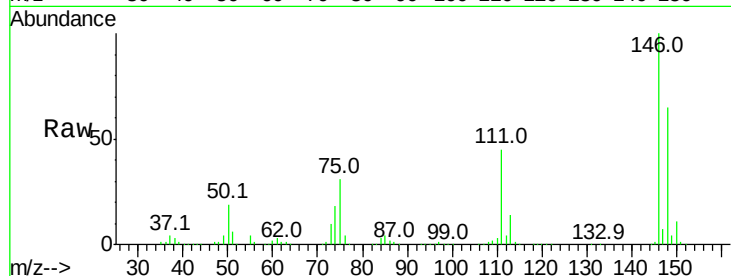




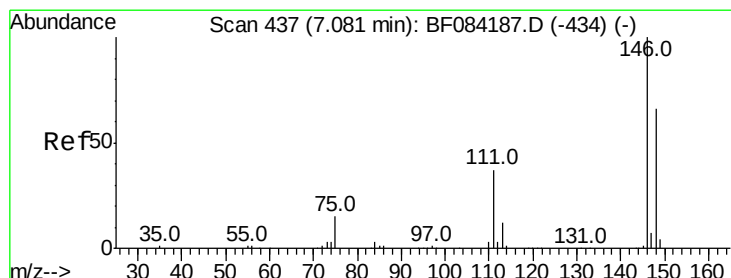
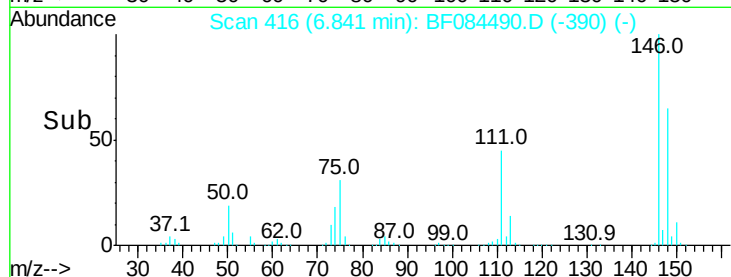
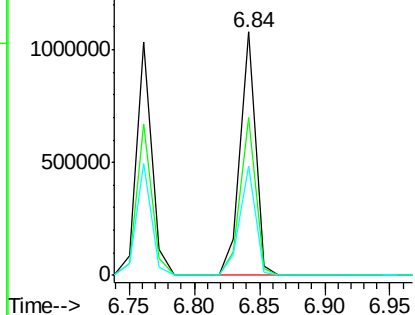
#13
 1,4-Dichlorobenzene
 Concen: 44.09 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 881216
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 44.9 41.6 62.4

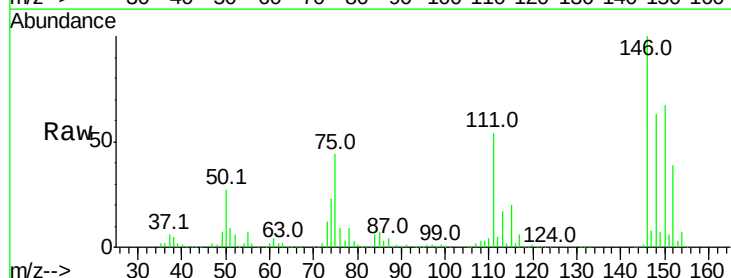


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

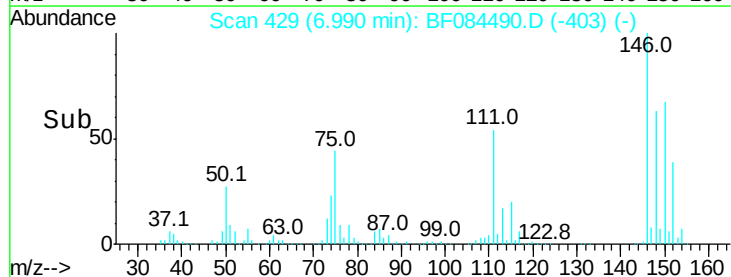
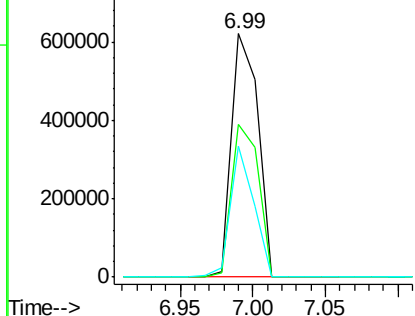


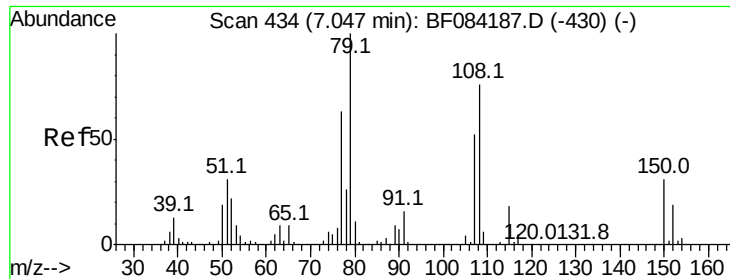
#14
 1,2-Dichlorobenzene
 Concen: 40.80 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Tgt Ion:146 Resp: 780958
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.6 77.4
 111 53.6 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: 37.16 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampled :

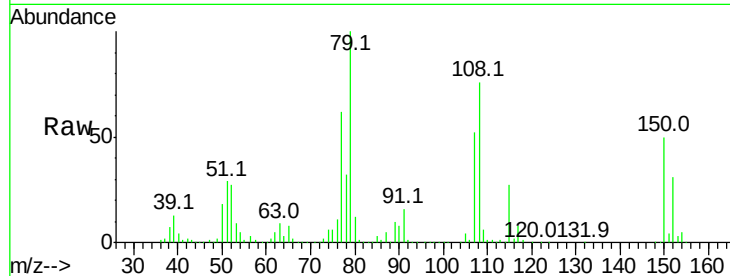
Tot Ion: 79 Resp: 668609

Ion Ratio Lower Upper

79 100

108 76.1 69.0 103.4

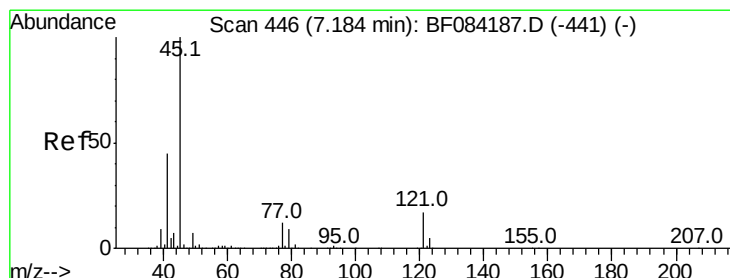
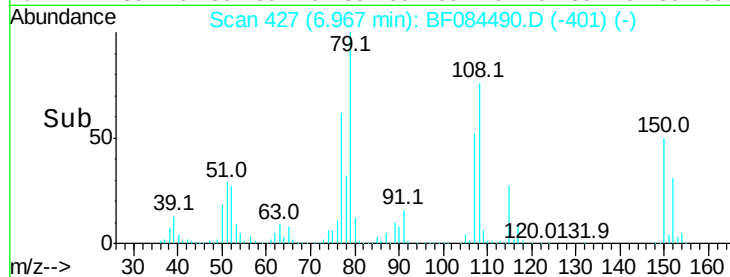
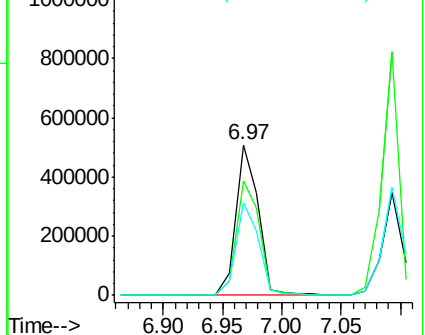
77 61.6 50.0 75.0



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: 38.99 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

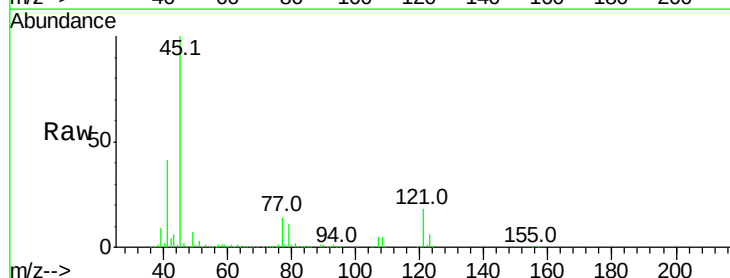
Tgt Ion: 45 Resp: 1337340

Ion Ratio Lower Upper

45 100

77 13.7 0.0 39.6

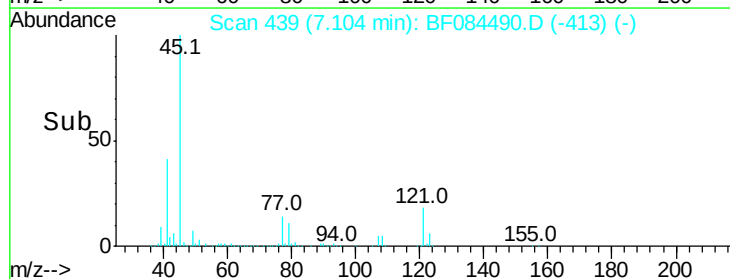
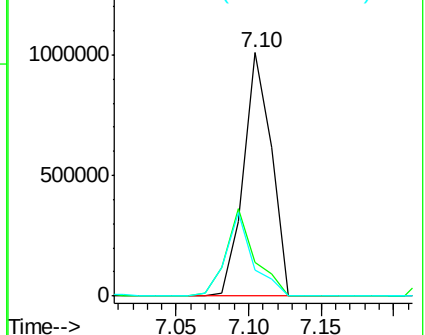
79 10.9 0.0 35.0

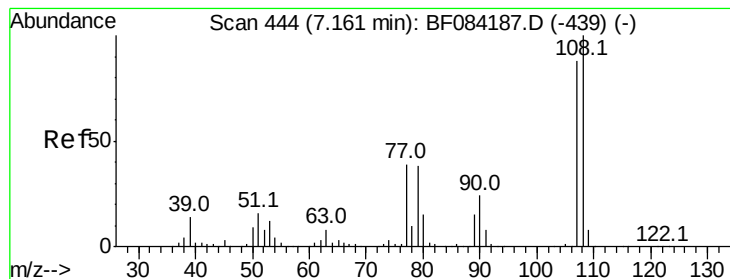


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.53 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 721139

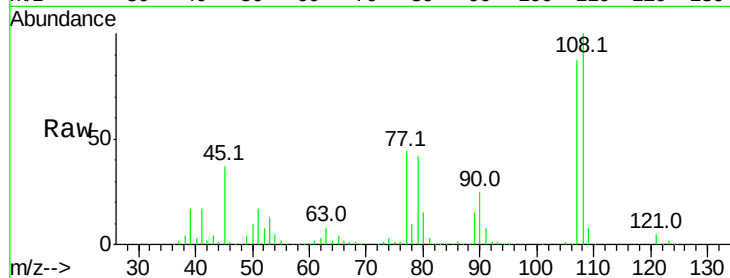
Ion Ratio Lower Upper

107 100

108 115.0 89.8 134.6

77 51.0 35.7 53.5

79 48.4 35.7 53.5

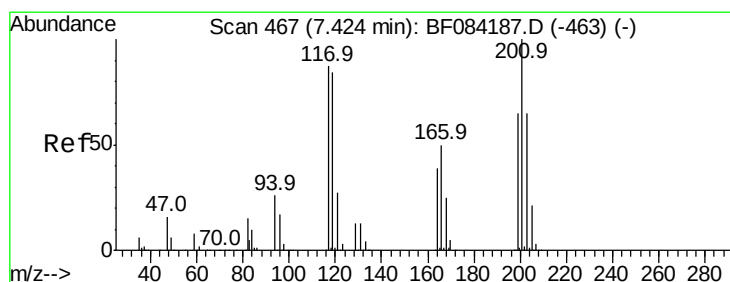
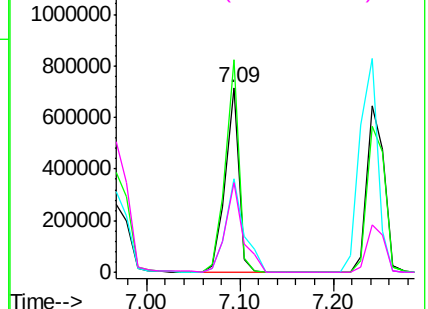
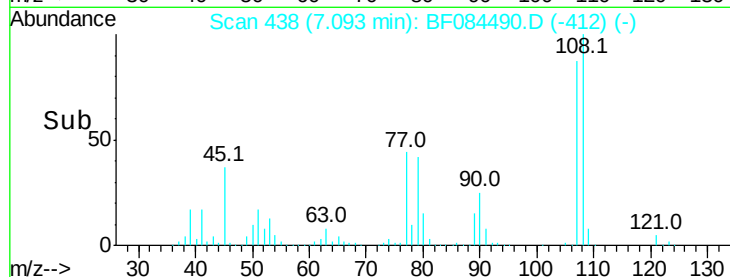


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.22 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

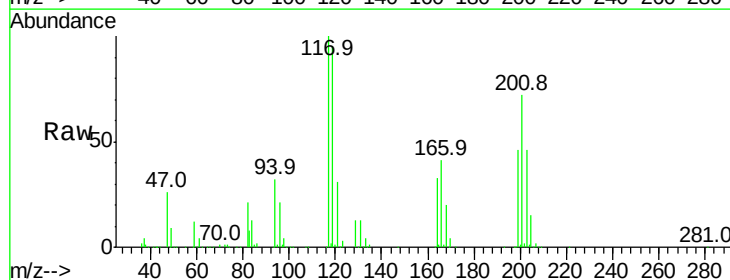
Tgt Ion:117 Resp: 329422

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

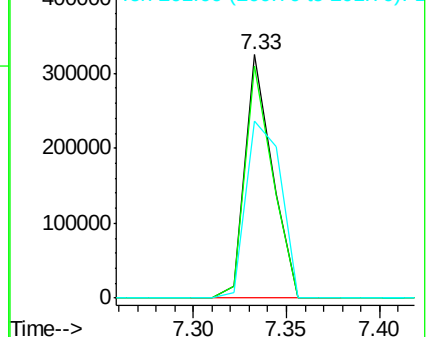
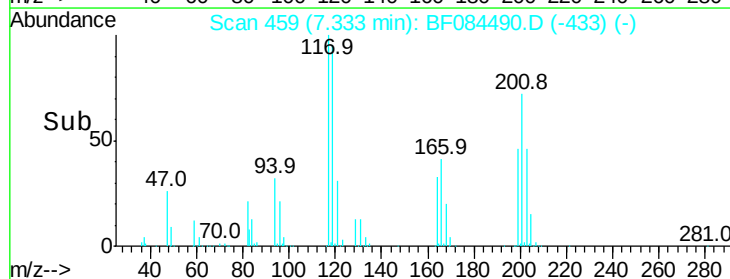
201 72.5 68.6 103.0

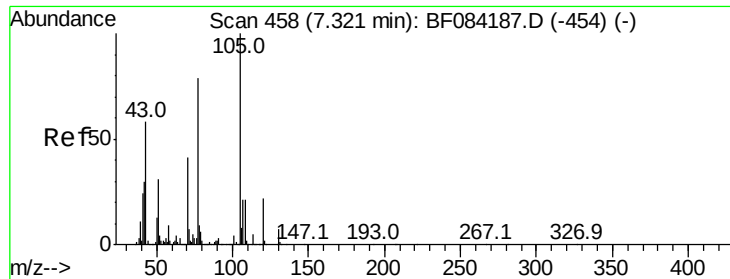


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

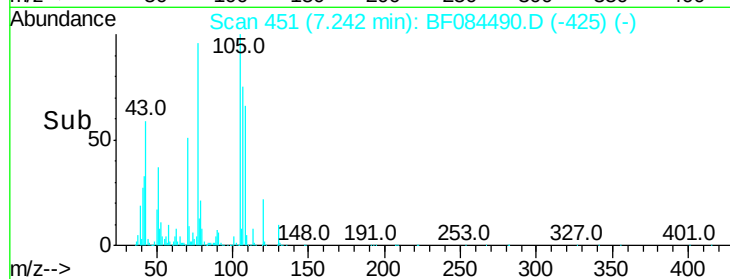
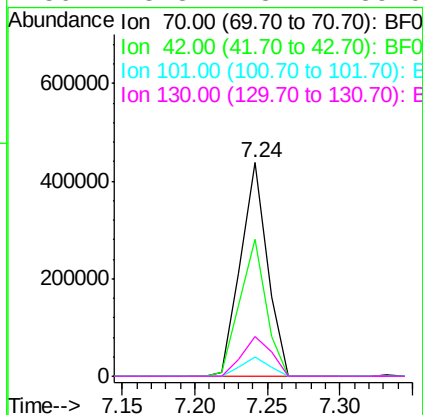
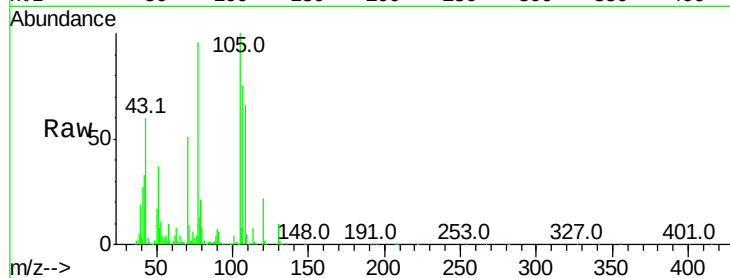




#19
n-Nitroso-di-n-propylamine
Concen: 38.83 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

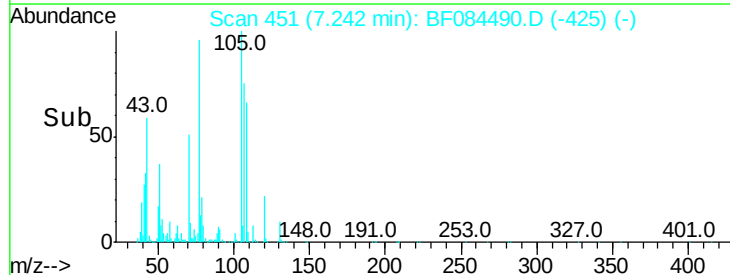
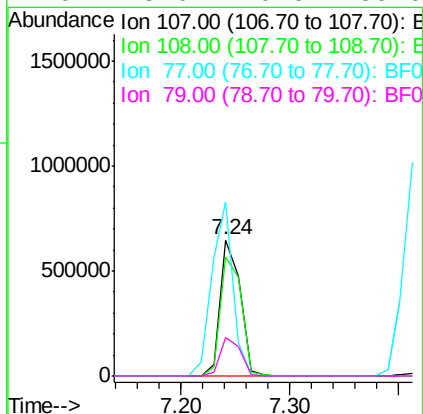
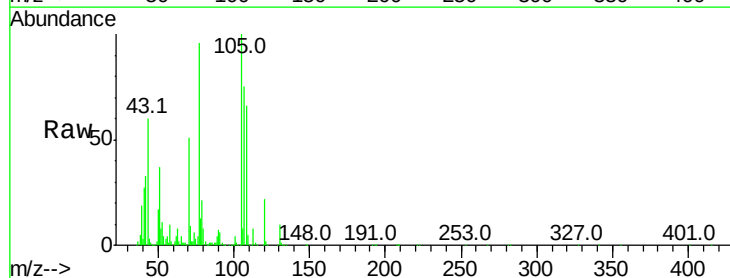
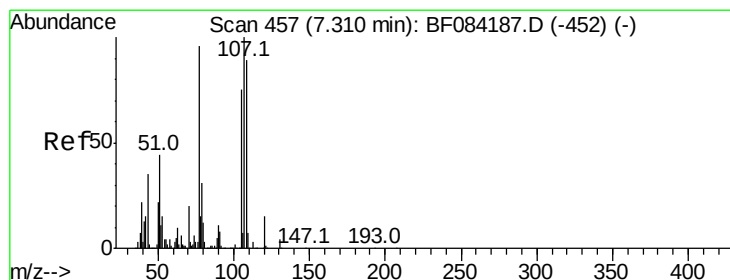
Instrument :
BNA_F
ClientSampleId :

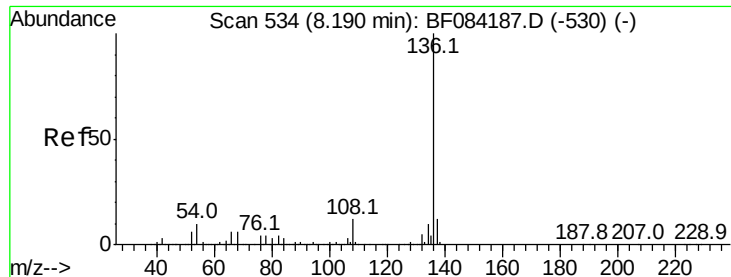
Tot Ion: 70 Resp: 562138
Ion Ratio Lower Upper
70 100
42 64.4 33.3 49.9#
101 8.8 9.3 13.9#
130 18.8 23.4 35.0#



#20
3+4-Methylphenols
Concen: 43.75 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Tgt Ion:107 Resp: 832728
Ion Ratio Lower Upper
107 100
108 87.4 74.6 114.6
77 127.9 0.7 40.7#
79 28.6 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1107071

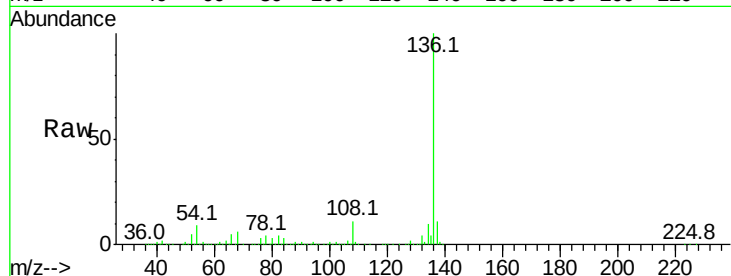
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 9.2 5.8 8.8#

68 6.0 4.2 6.2

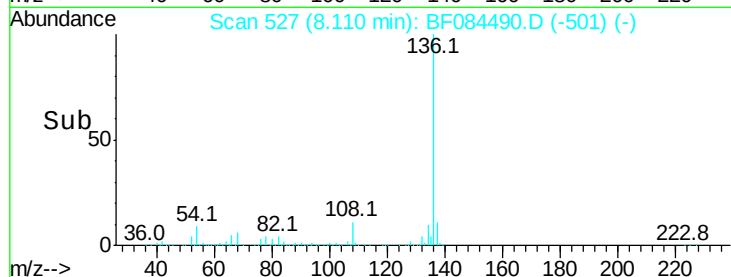


Abundance Ion 136.00 (135.70 to 136.70): E

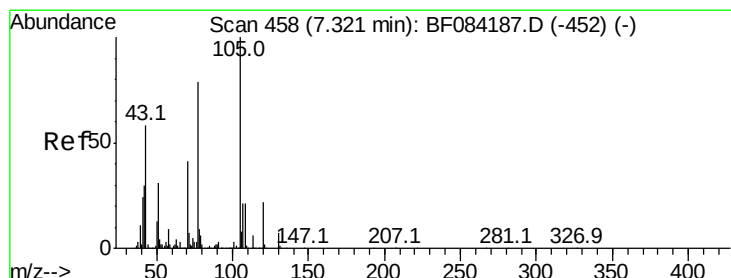
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.16 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Tgt Ion:105 Resp: 1148837

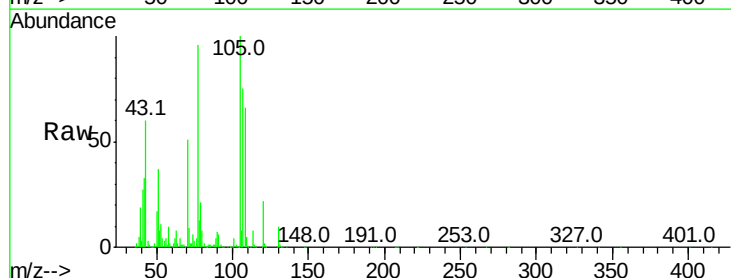
Ion Ratio Lower Upper

105 100

71 8.5 3.7 5.5#

51 37.1 25.1 37.7

120 21.9 16.6 25.0

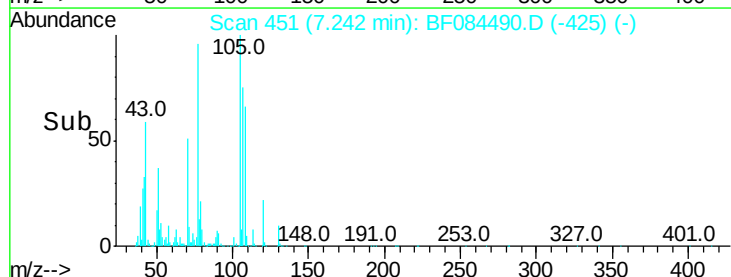


Abundance Ion 105.00 (104.70 to 105.70): E

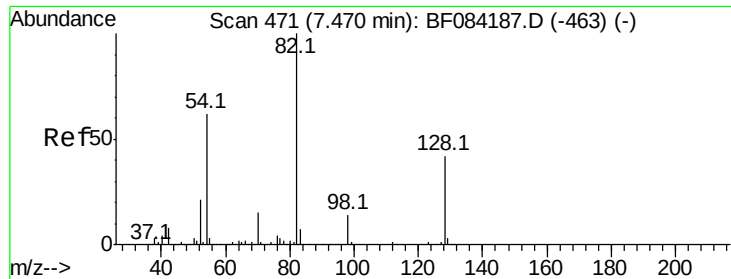
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



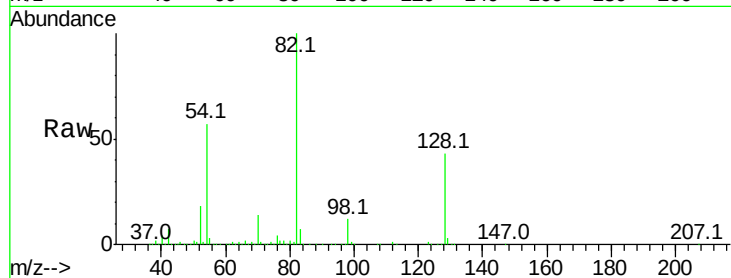
Time-->



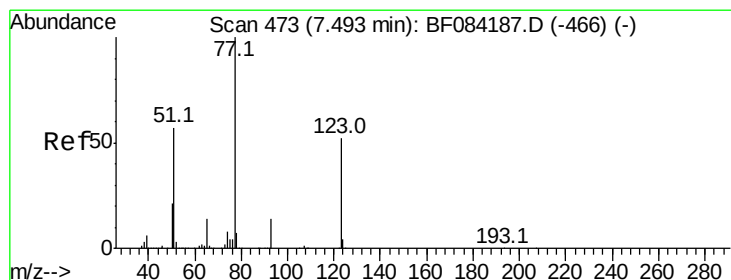
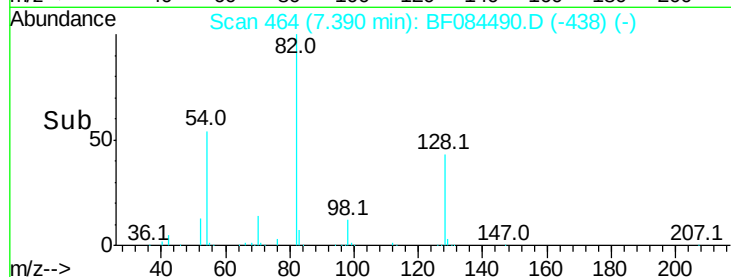
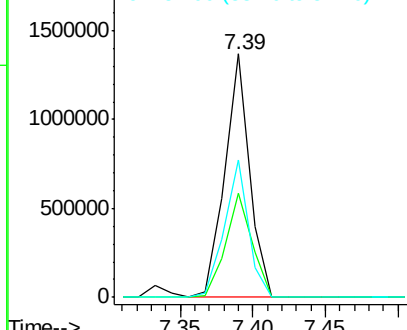
#23
 Nitrobenzene-d5
 Concen: 81.57 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1622591
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 51.8
 54 56.6 38.4 57.6

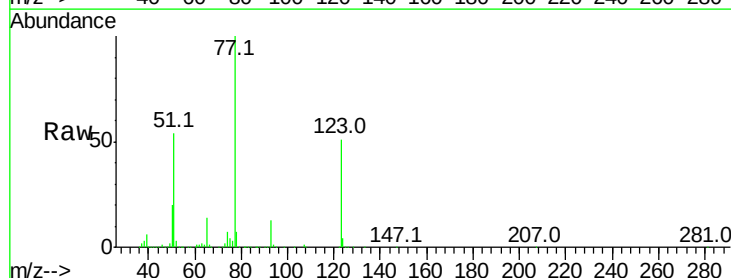


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

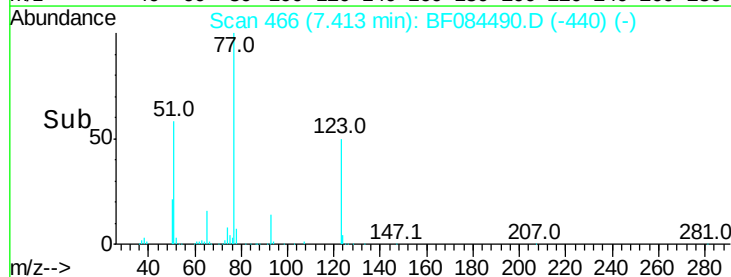
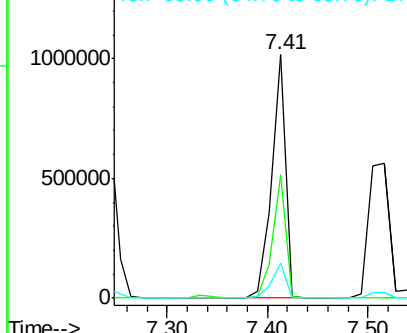


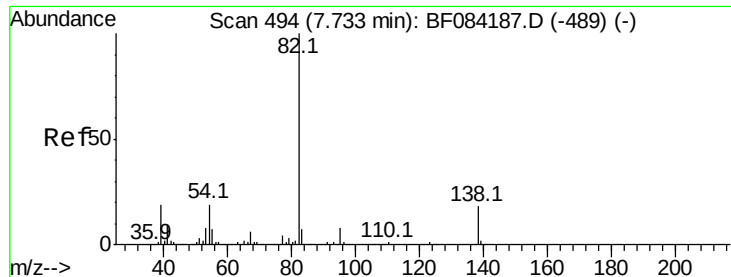
#24
 Nitrobenzene
 Concen: 47.89 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Tgt Ion: 77 Resp: 966084
 Ion Ratio Lower Upper
 77 100
 123 50.6 37.4 56.2
 65 14.3 10.9 16.3



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





#25

Isophorone

Concen: 42.55 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampled :

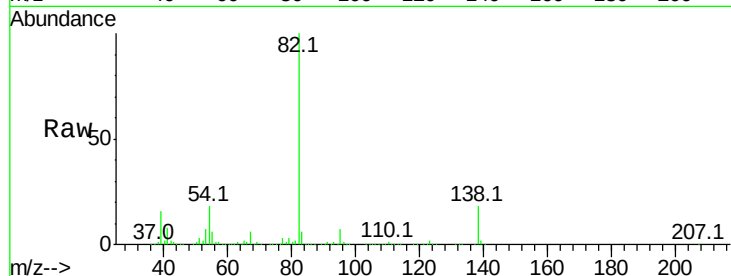
Tot Ion: 82 Resp: 1618926

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

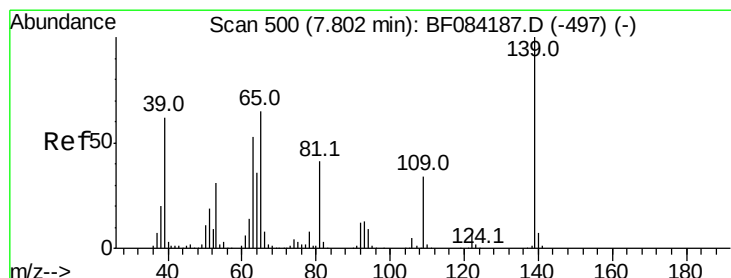
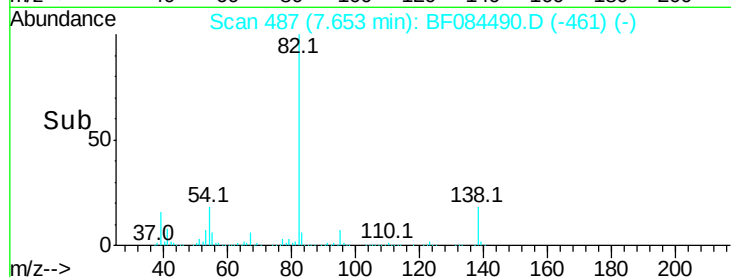
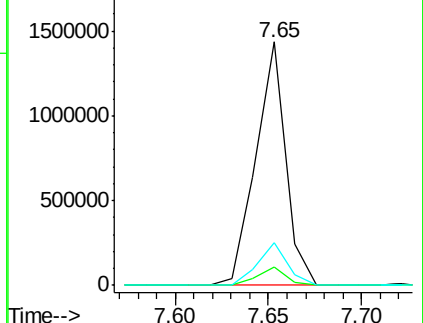
138 17.6 13.6 20.4



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: 51.00 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

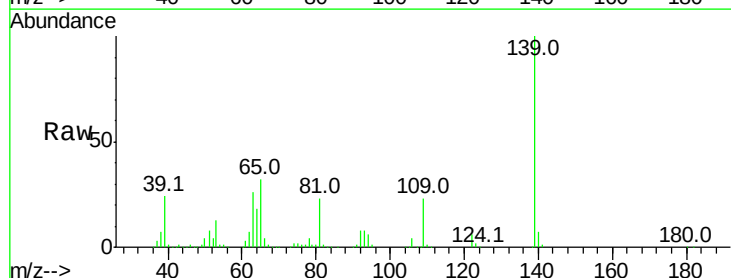
Tgt Ion: 139 Resp: 468276

Ion Ratio Lower Upper

139 100

109 23.4 25.4 38.2#

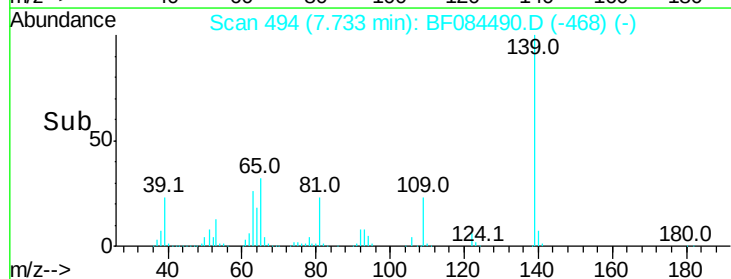
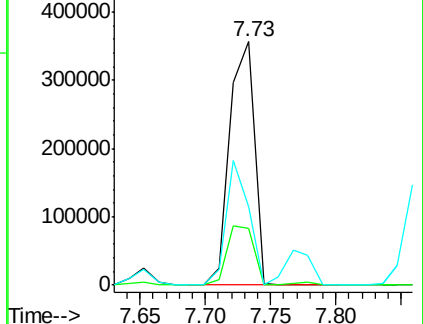
65 32.1 32.3 48.5#

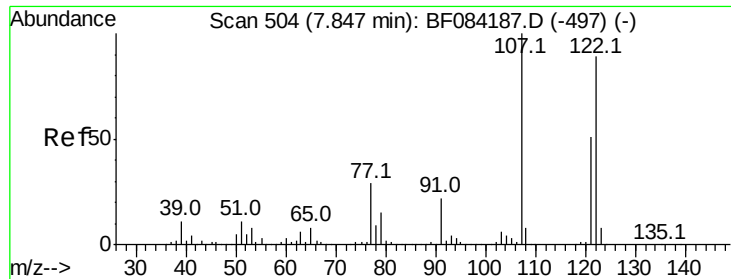


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.33 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

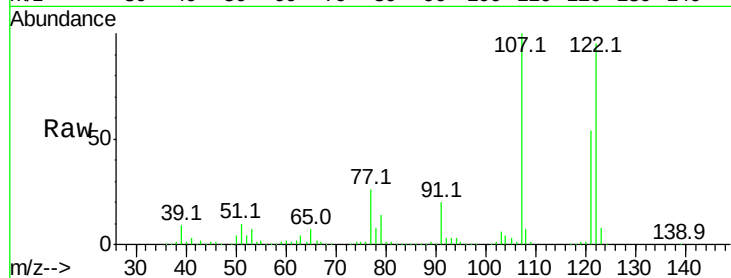
Tot Ion:122 Resp: 842500

Ion Ratio Lower Upper

122 100

107 105.4 99.1 148.7

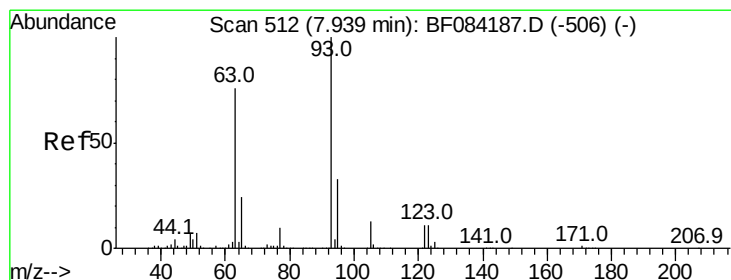
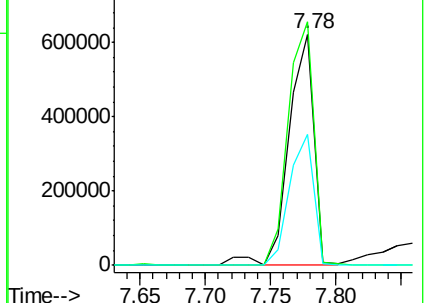
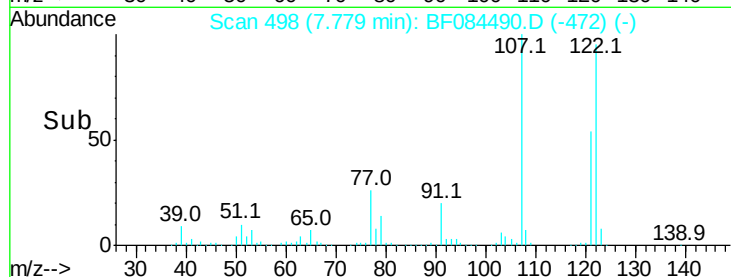
121 56.8 47.9 71.9



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: 45.55 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

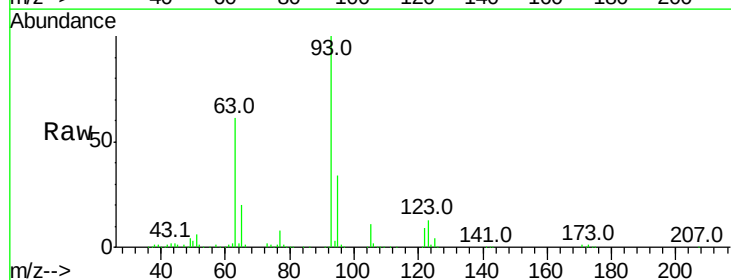
Tgt Ion: 93 Resp: 1058531

Ion Ratio Lower Upper

93 100

95 33.6 25.8 38.6

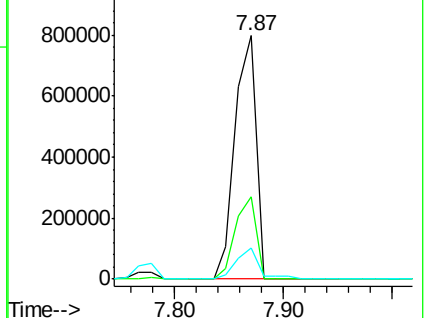
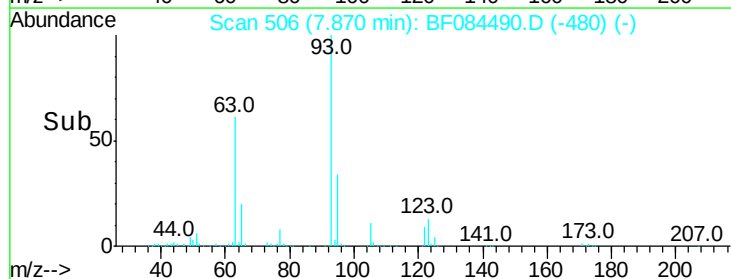
123 12.7 8.6 12.8

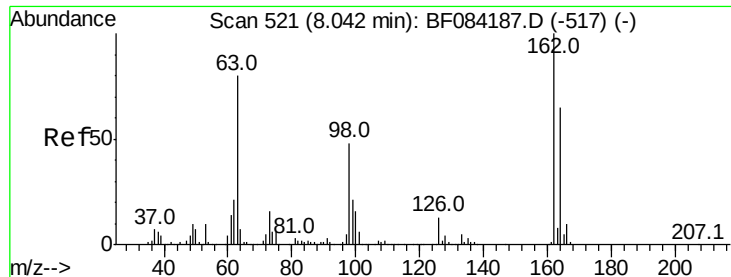


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

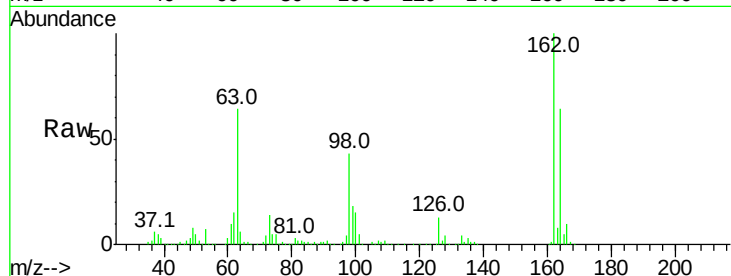




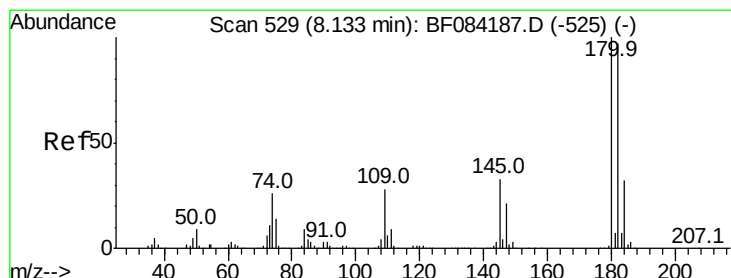
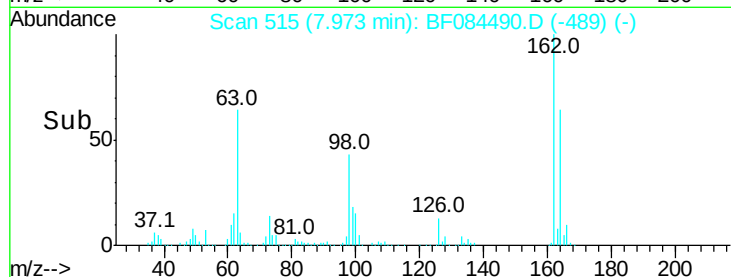
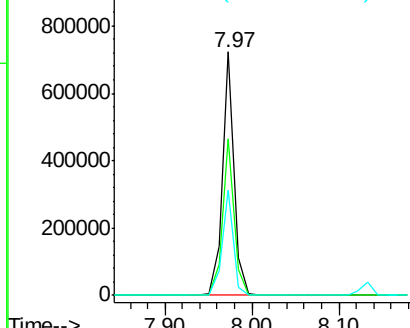
#29
2,4-Dichlorophenol
Concen: 44.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.1	84.1
98	43.2	20.2	60.2

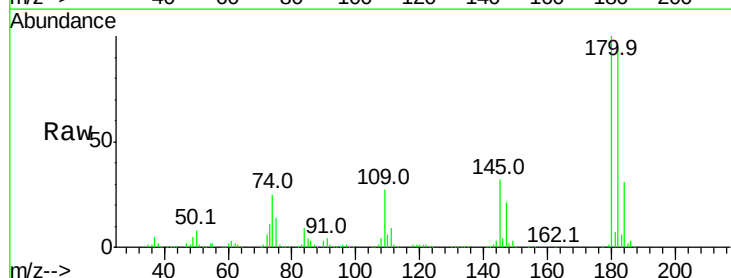


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

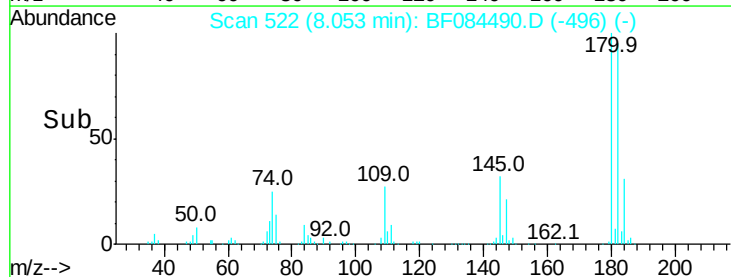
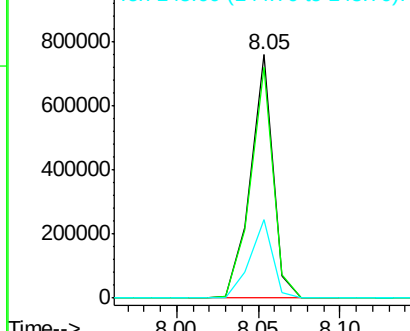


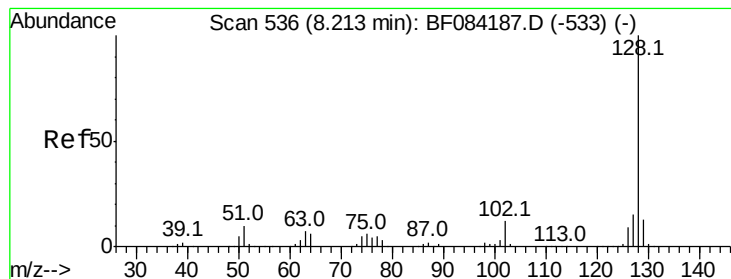
#30
1,2,4-Trichlorobenzene
Concen: 45.46 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	32.3	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: 45.11 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

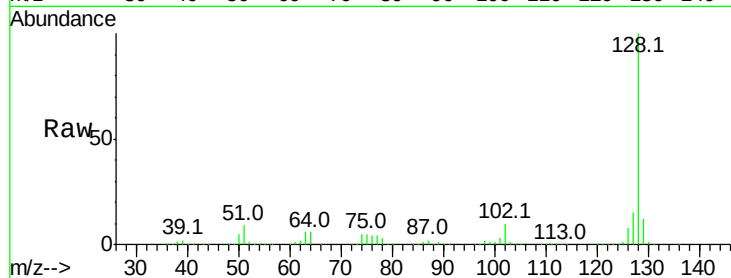
Tot Ion:128 Resp: 2265802

Ion Ratio Lower Upper

128 100

129 12.4 9.1 13.7

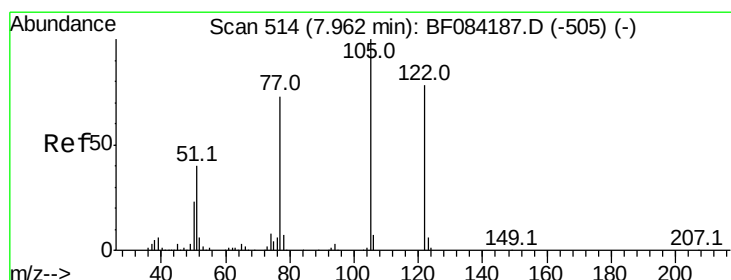
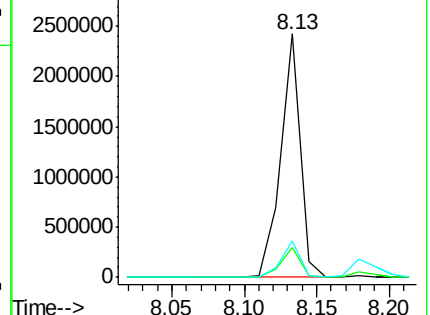
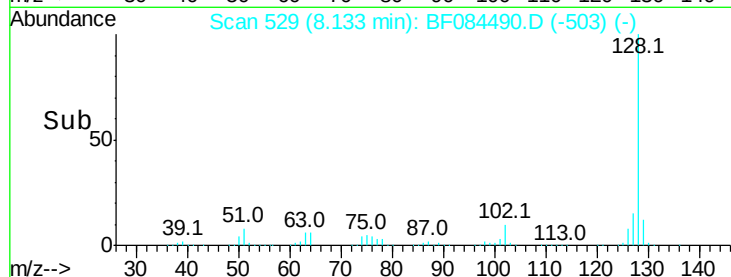
127 14.7 11.1 16.7



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: 40.54 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

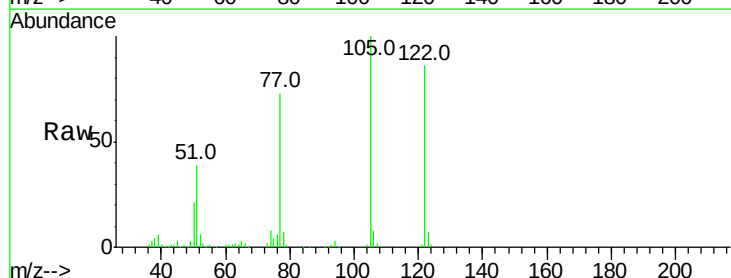
Tgt Ion:122 Resp: 471426

Ion Ratio Lower Upper

122 100

105 116.7 100.3 140.3

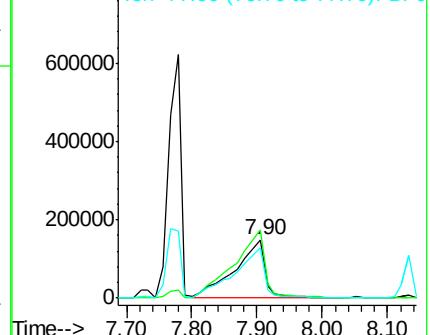
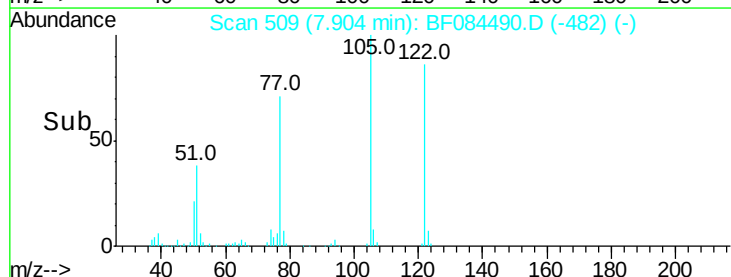
77 85.4 63.5 103.5

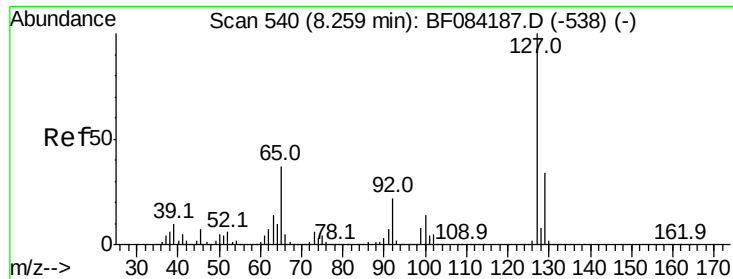


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.45 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 240619

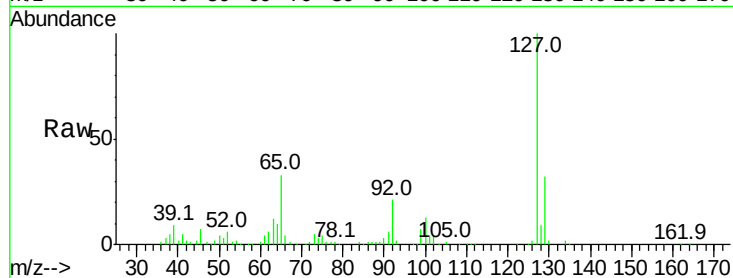
Ion Ratio Lower Upper

127 100

129 32.1 26.5 39.7

65 32.7 27.2 40.8

92 20.8 17.7 26.5

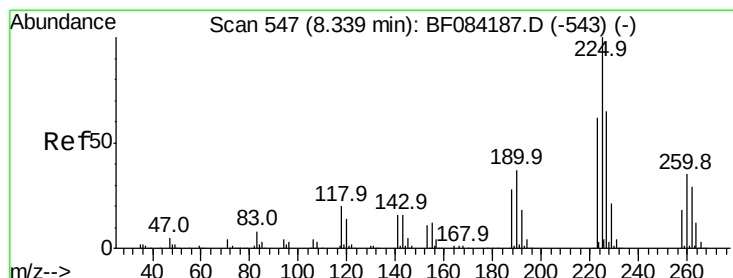
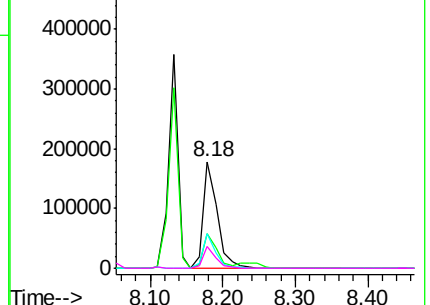
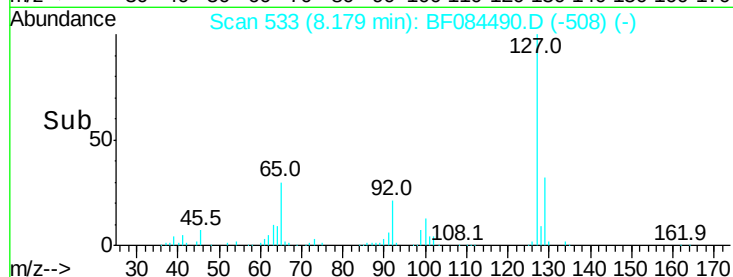


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.79 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

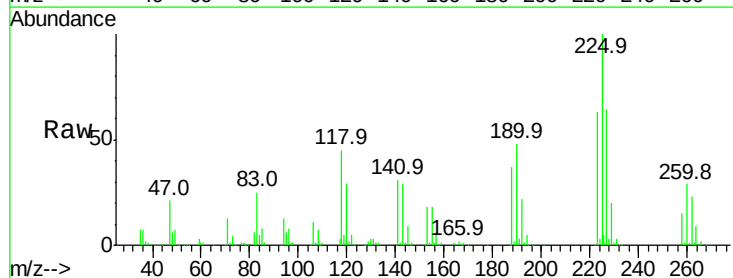
Tgt Ion:225 Resp: 393156

Ion Ratio Lower Upper

225 100

223 63.2 49.4 74.0

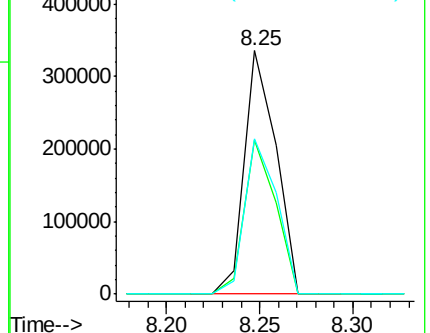
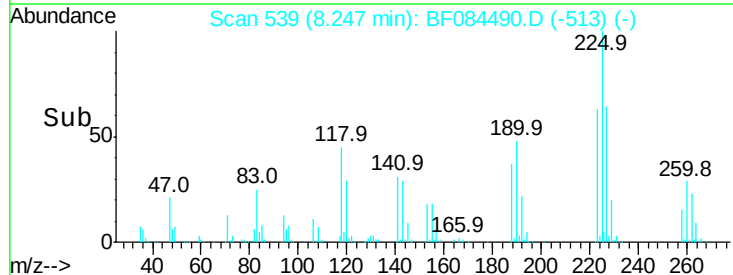
227 63.8 50.8 76.2

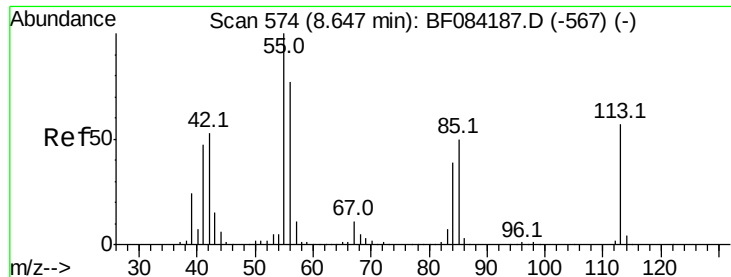


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.33 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

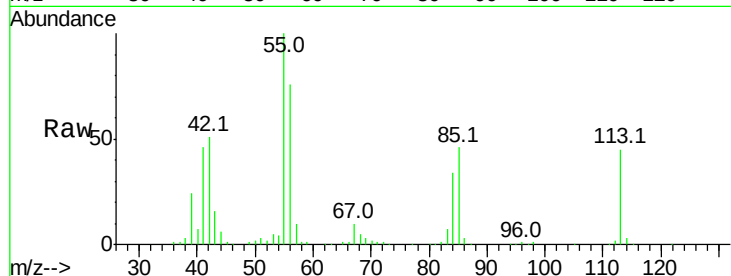
Tot Ion:113 Resp: 168731

Ion Ratio Lower Upper

113 100

55 221.5 116.9 156.9#

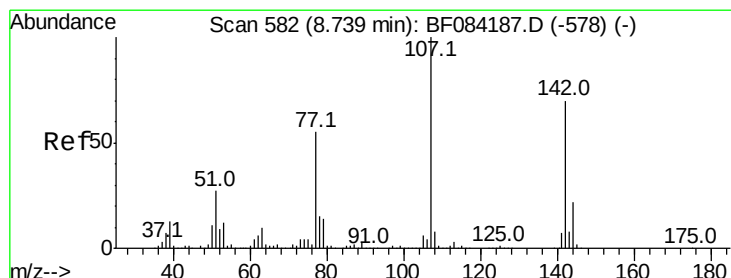
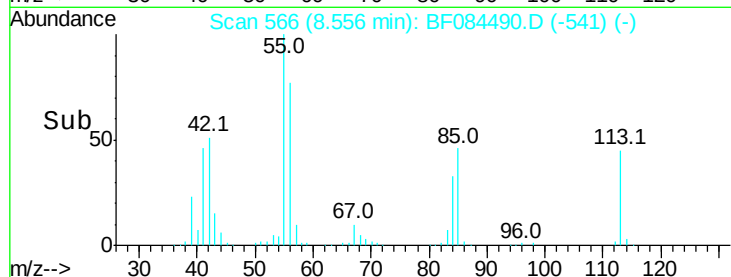
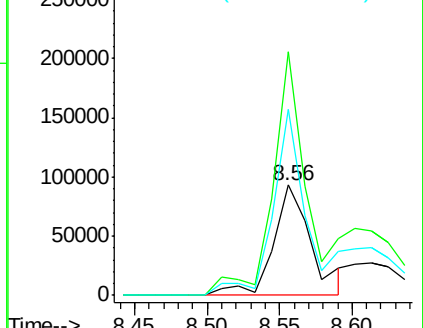
56 168.9 93.8 133.8#



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: 45.28 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

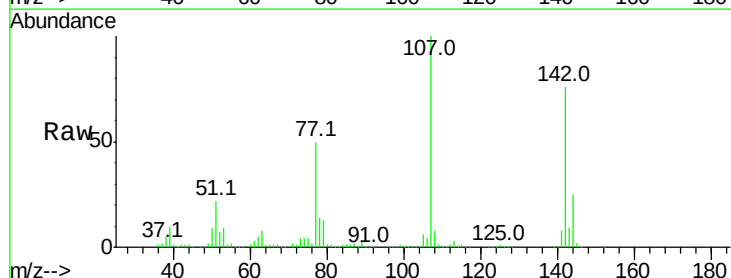
Tgt Ion:107 Resp: 785301

Ion Ratio Lower Upper

107 100

144 24.6 19.7 29.5

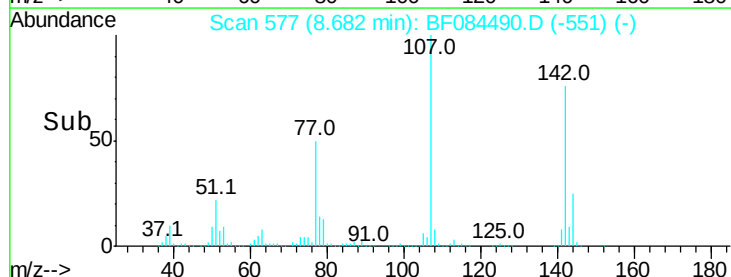
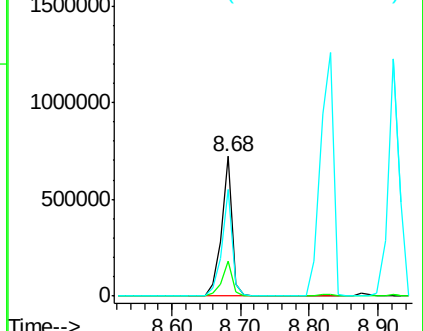
142 76.2 61.8 92.6

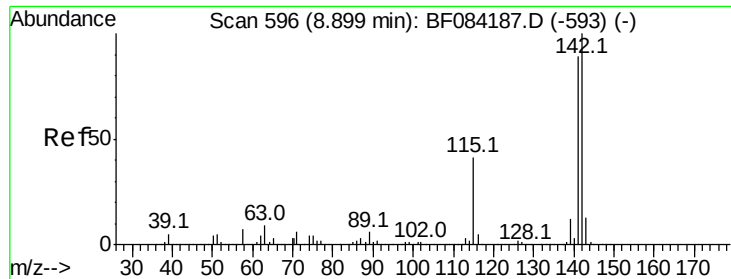


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.40 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.00 min

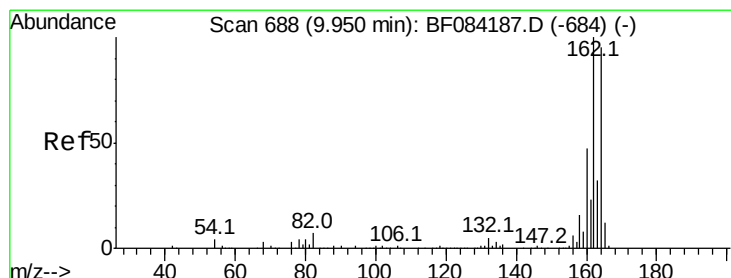
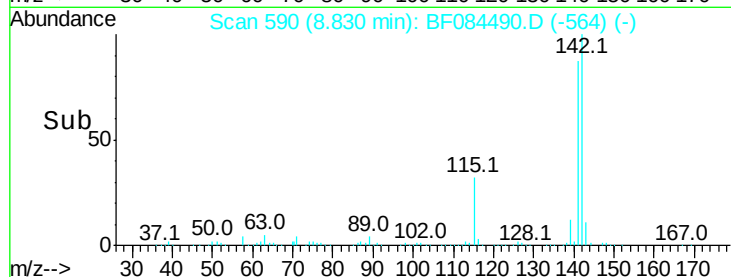
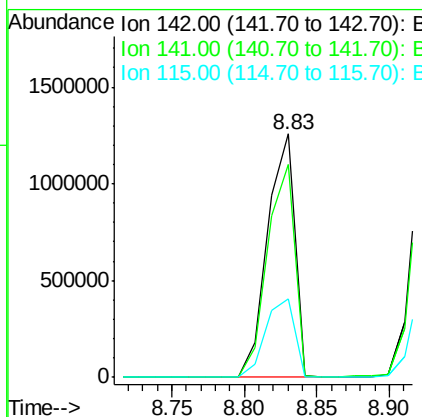
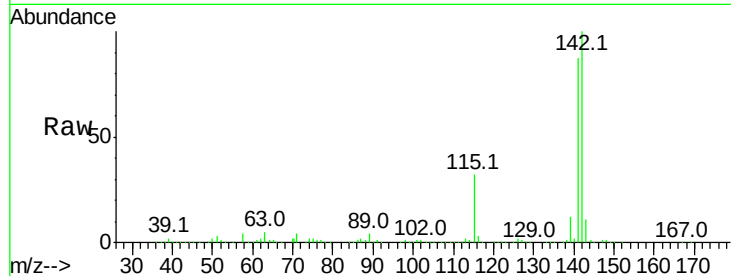
Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1637110

Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.4	108.6
115	32.3	27.9	41.9



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

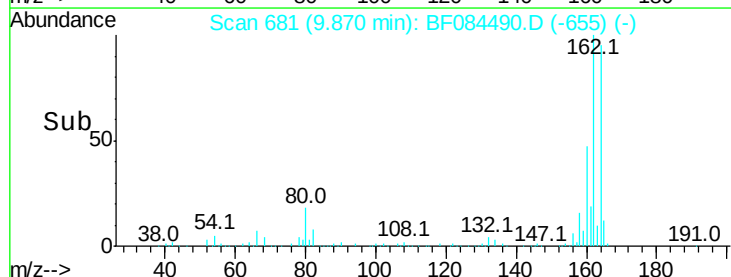
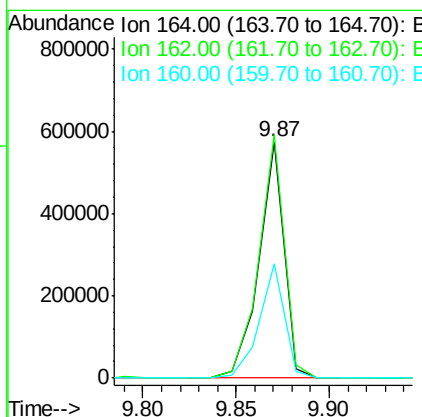
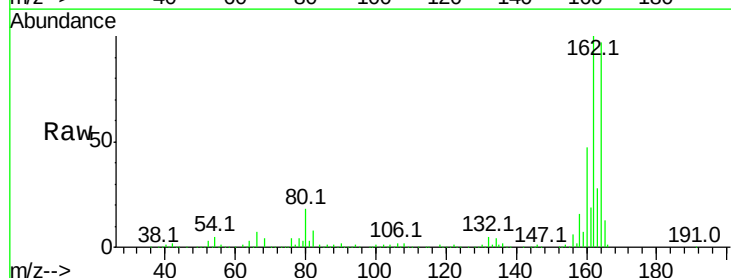
Delta R.T. -0.00 min

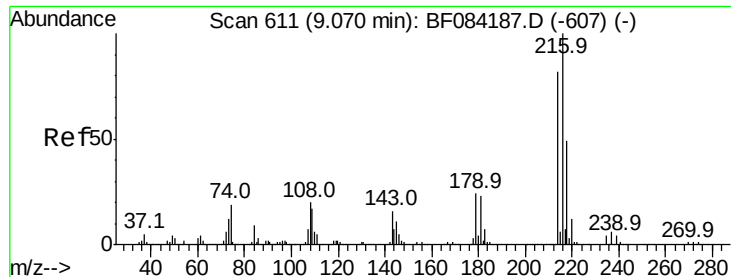
Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Tgt Ion:164 Resp: 530676

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	48.3	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.68 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 605403

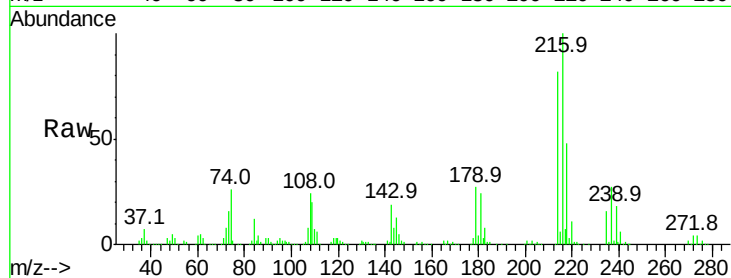
Ion Ratio Lower Upper

216 100

214 79.8 64.2 96.2

179 23.8 18.7 28.1

108 23.6 16.8 25.2

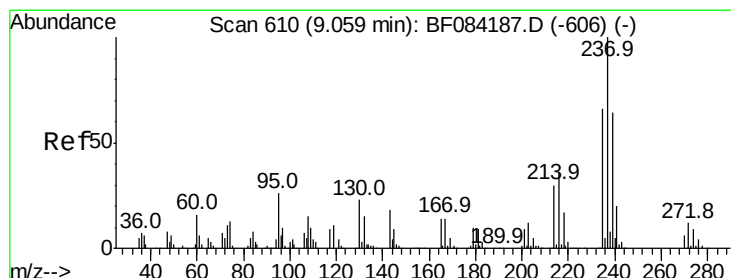
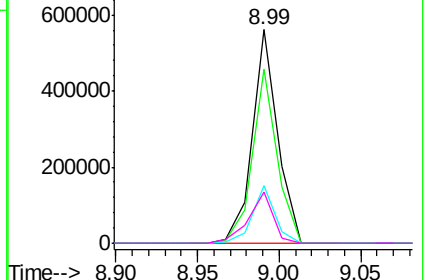
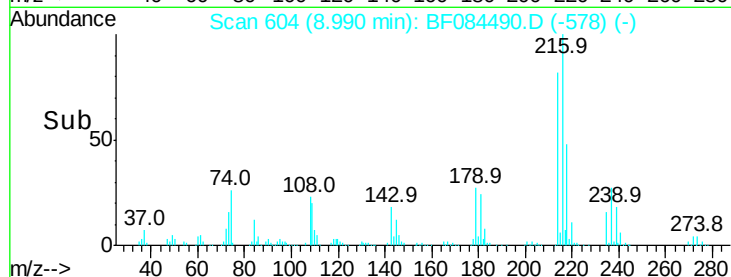


Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.44 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

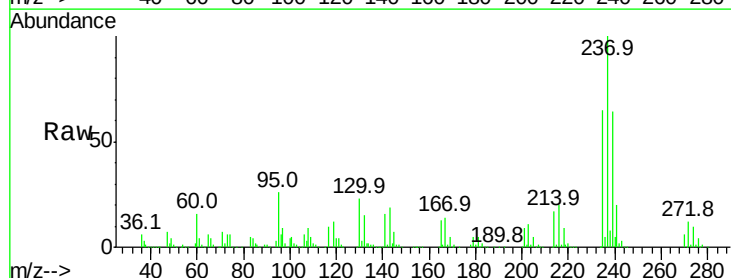
Tgt Ion:237 Resp: 565871

Ion Ratio Lower Upper

237 100

235 65.5 43.1 83.1

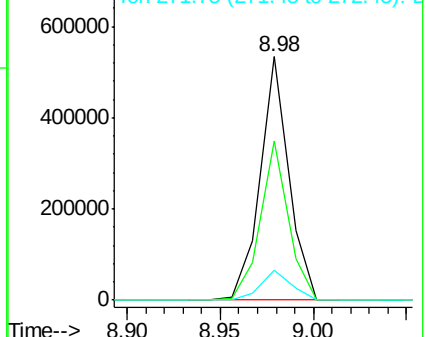
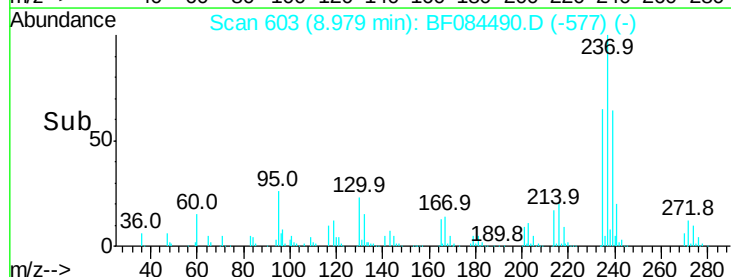
272 12.3 0.0 35.1

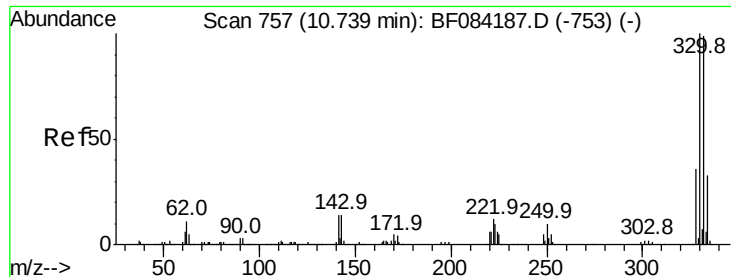


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

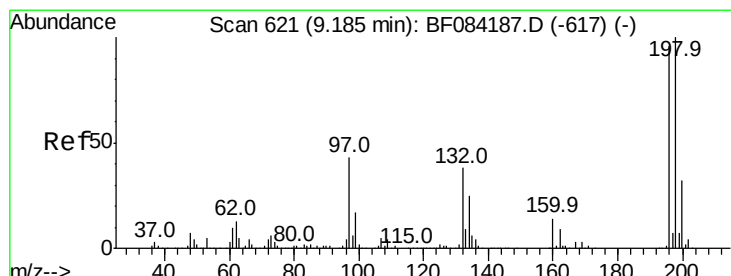
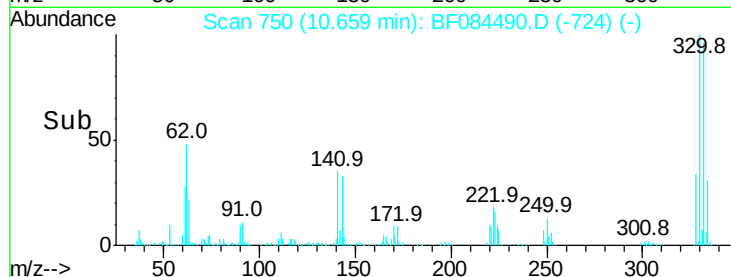
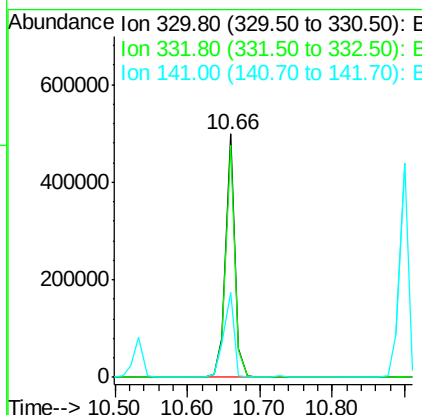
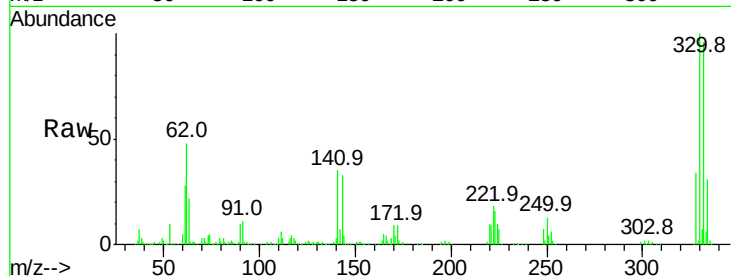




#41
 2,4,6-Tribromophenol
 Concen: 83.81 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

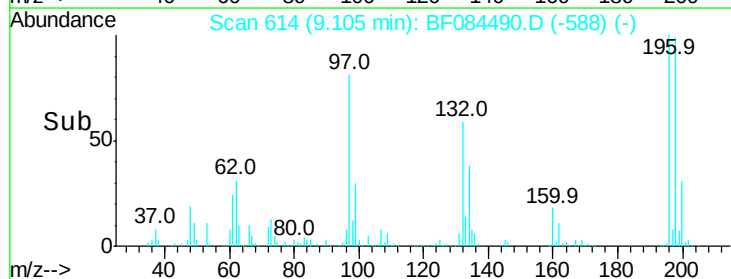
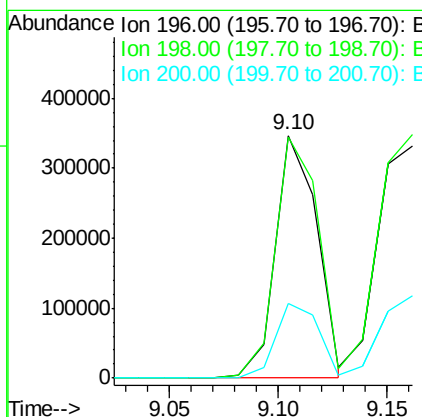
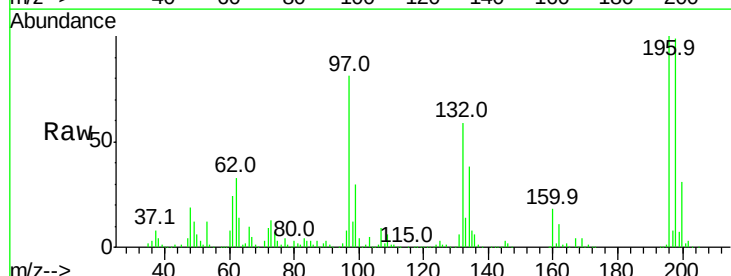
Instrument :
 BNA_F
 ClientSampleId :

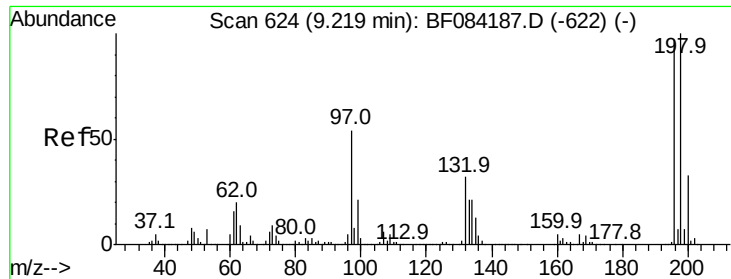
Tot Ion:330 Resp: 449020
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 38.4 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 40.65 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Tgt Ion:196 Resp: 464018
 Ion Ratio Lower Upper
 196 100
 198 99.3 77.7 116.5
 200 30.9 24.6 37.0

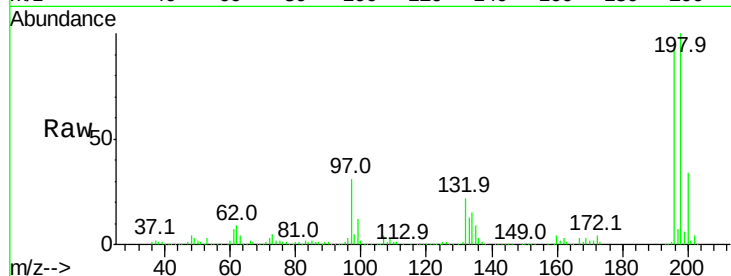




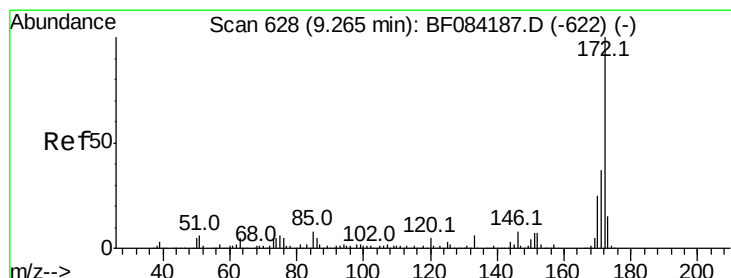
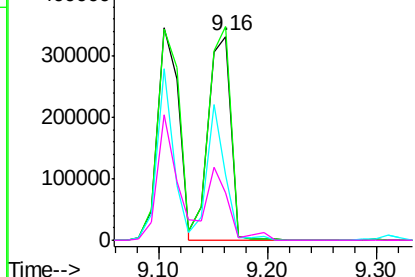
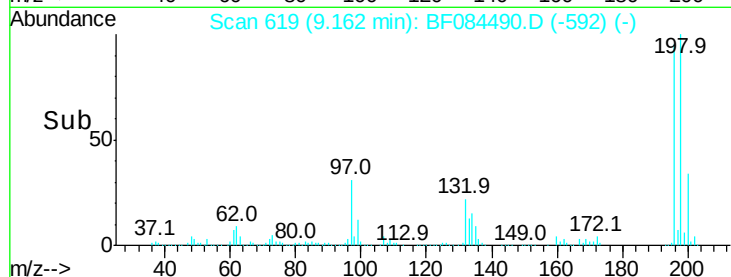
#43
 2,4,5-Trichlorophenol
 Concen: 44.21 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 483740
 Ion Ratio Lower Upper
 196 100
 198 104.7 79.0 118.6
 97 32.1 33.0 49.6#
 132 23.0 21.1 31.7

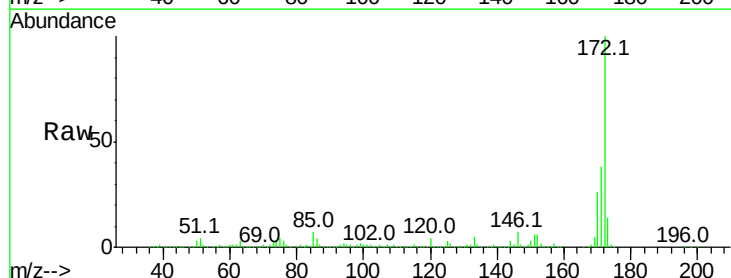


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

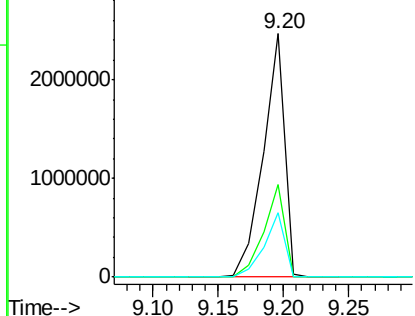
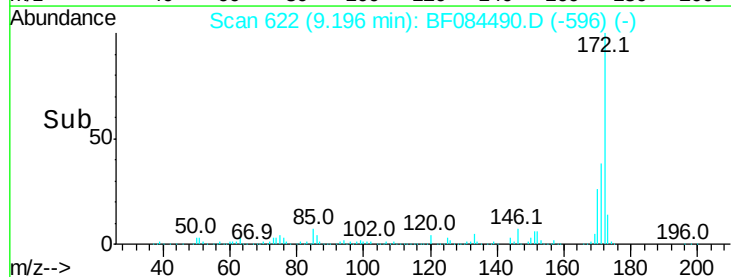


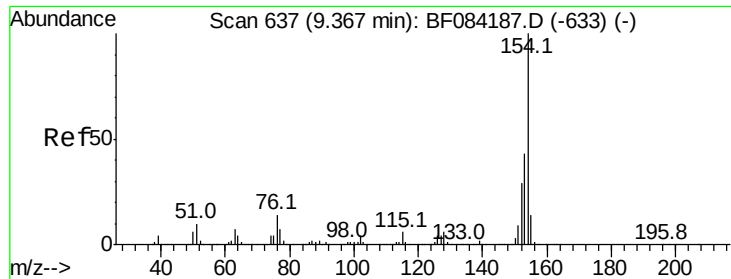
#44
 2-Fluorobiphenyl
 Concen: 94.50 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Tgt Ion:172 Resp: 2829306
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.9 43.3
 170 26.2 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: 43.15 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

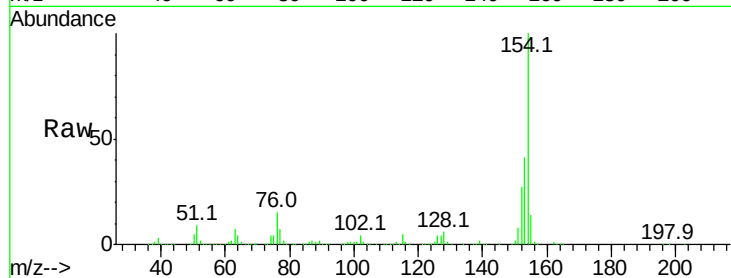
Tot Ion:154 Resp: 1819794

Ion Ratio Lower Upper

154 100

153 41.1 21.6 61.6

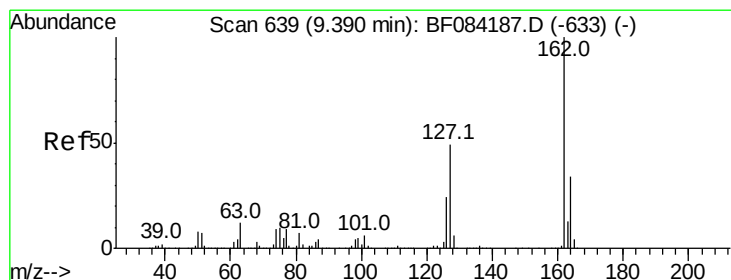
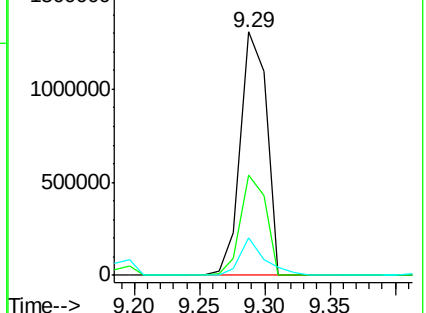
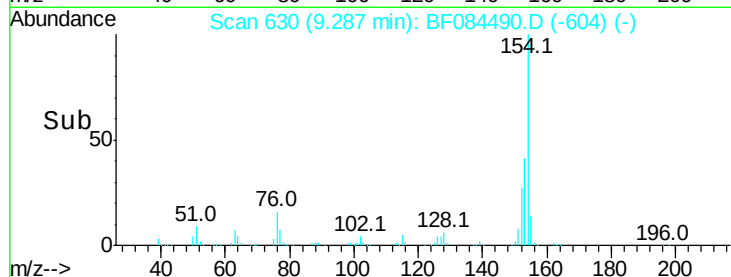
76 15.5 0.0 32.7



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: 42.63 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.01 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

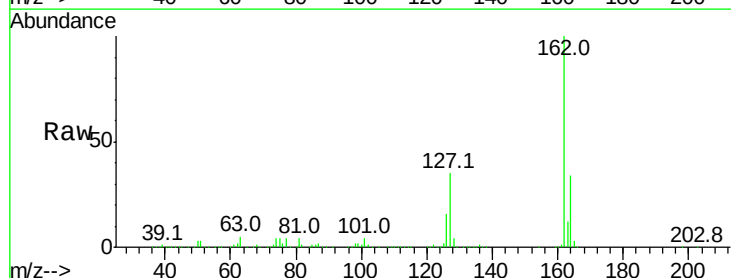
Tgt Ion:162 Resp: 1412424

Ion Ratio Lower Upper

162 100

127 35.0 40.2 60.4#

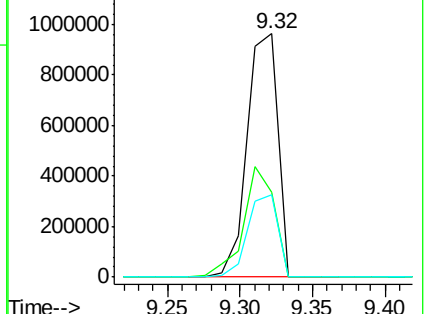
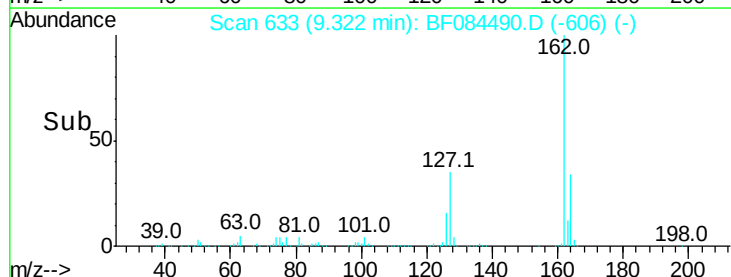
164 33.9 25.7 38.5

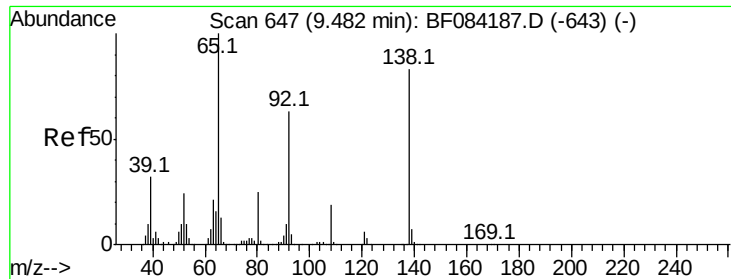


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

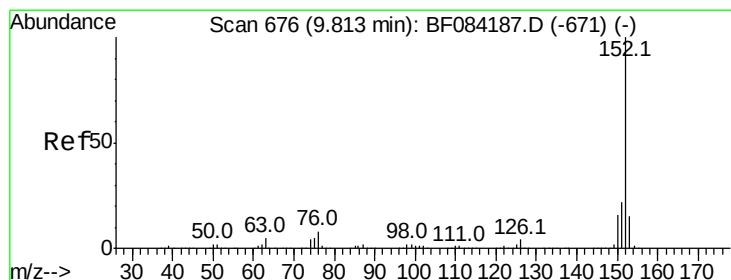
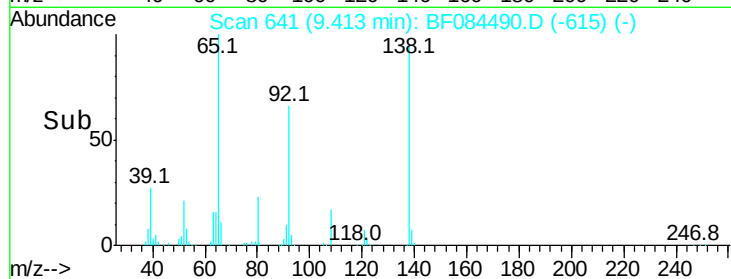
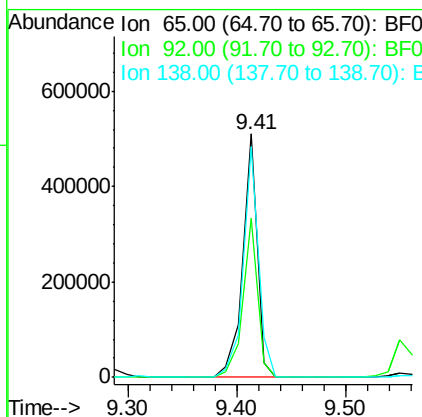
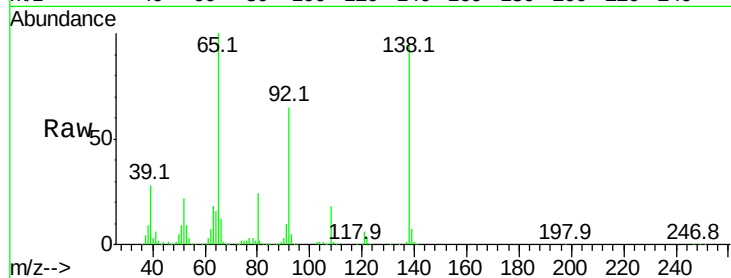




#47
2-Nitroaniline
Concen: 42.51 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

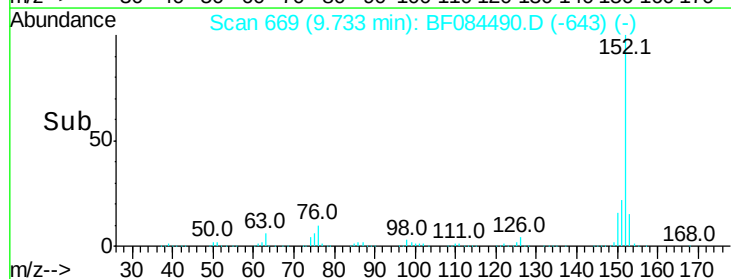
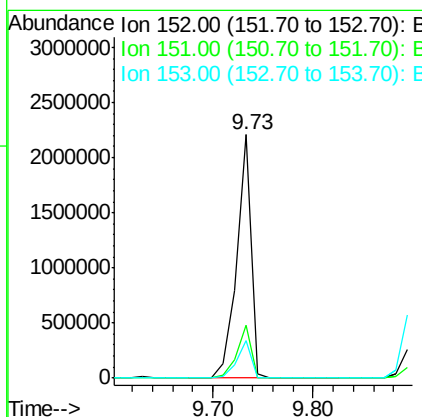
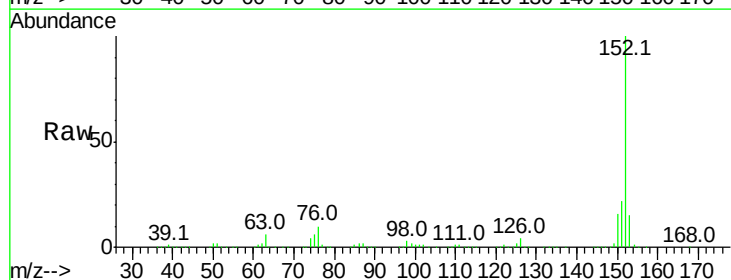
Instrument :
BNA_F
ClientSampleId :

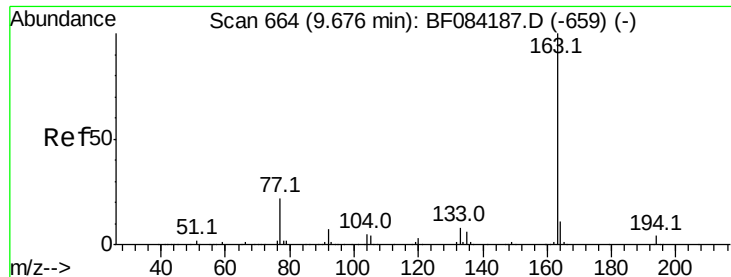
Tot Ion: 65 Resp: 464841
Ion Ratio Lower Upper
65 100
92 65.2 53.4 80.2
138 94.6 71.1 106.7



#48
Acenaphthylene
Concen: 44.57 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Tgt Ion: 152 Resp: 2181559
Ion Ratio Lower Upper
152 100
151 21.9 16.3 24.5
153 15.2 10.4 15.6





#49

Dimethylphthalate

Concen: 40.71 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

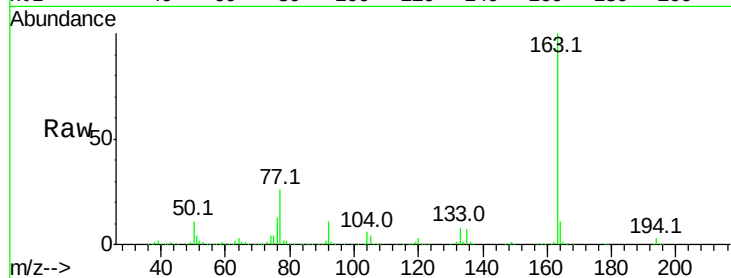
Tot Ion:163 Resp: 1544444

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

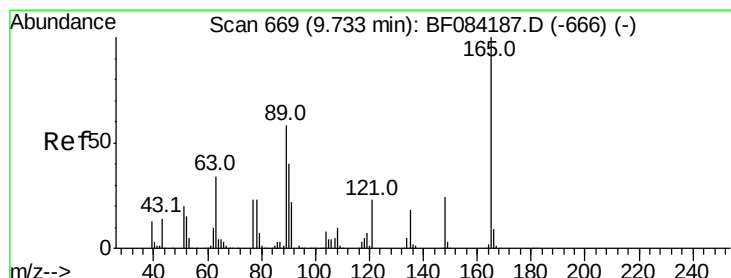
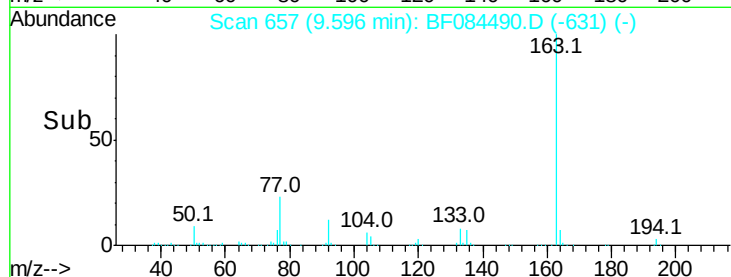
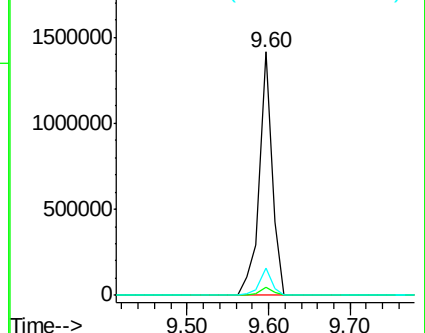
164 11.0 8.0 12.0



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: 44.77 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

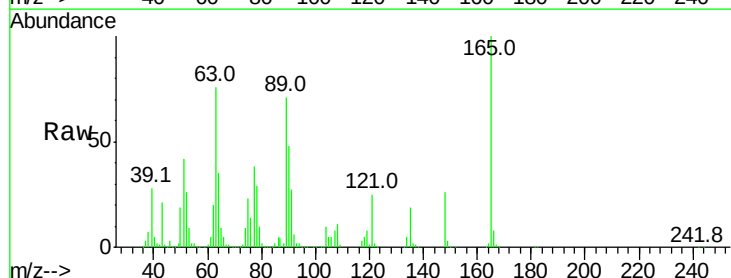
Tgt Ion:165 Resp: 372501

Ion Ratio Lower Upper

165 100

63 75.7 28.8 43.2#

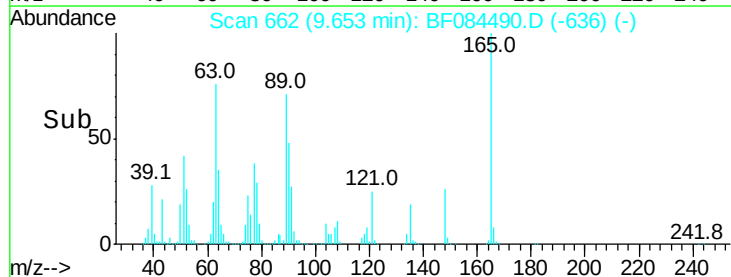
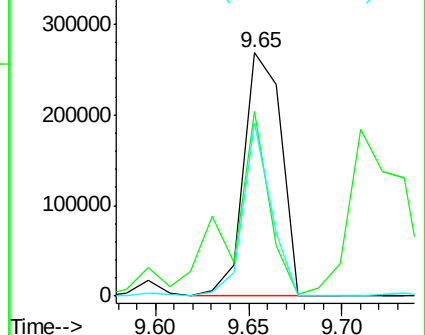
89 71.1 35.1 52.7#

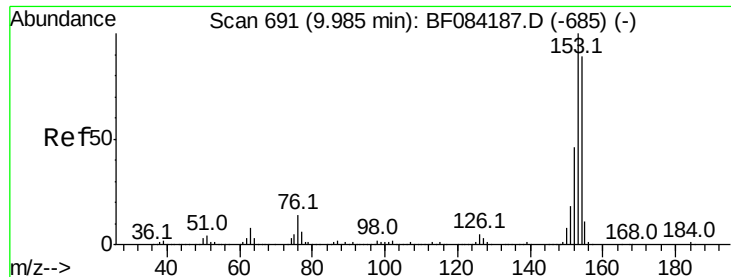


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.28 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

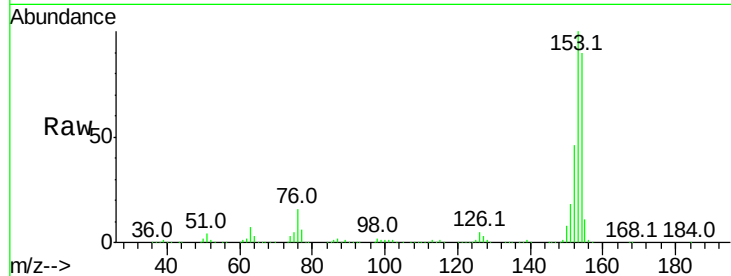
Tot Ion:154 Resp: 1650847

Ion Ratio Lower Upper

154 100

153 111.6 91.5 137.3

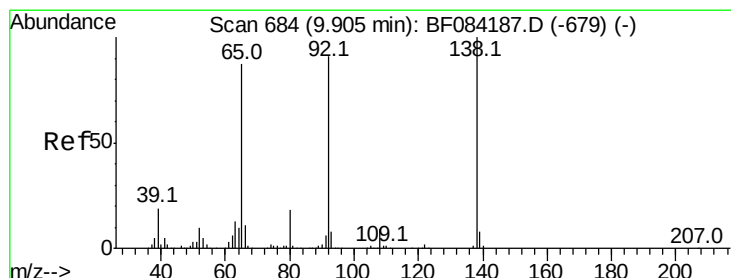
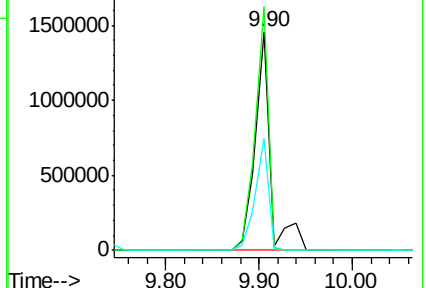
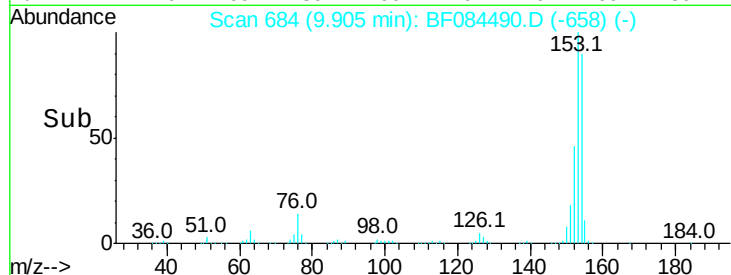
152 51.3 43.0 64.6



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: 19.24 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

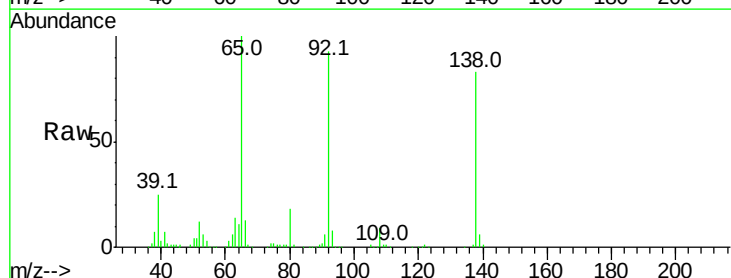
Tgt Ion:138 Resp: 198423

Ion Ratio Lower Upper

138 100

108 10.5 10.5 15.7

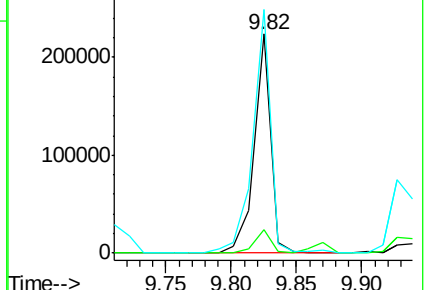
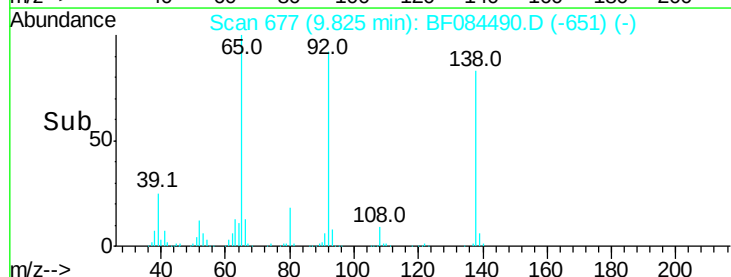
92 111.3 103.9 155.9

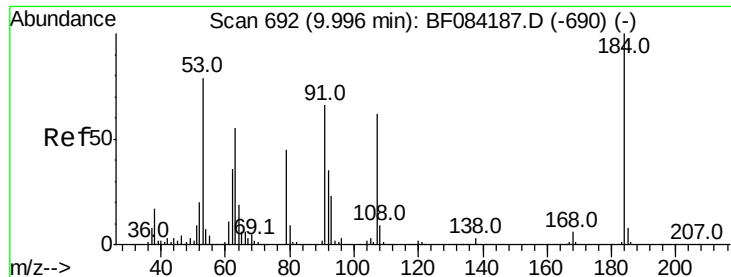


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

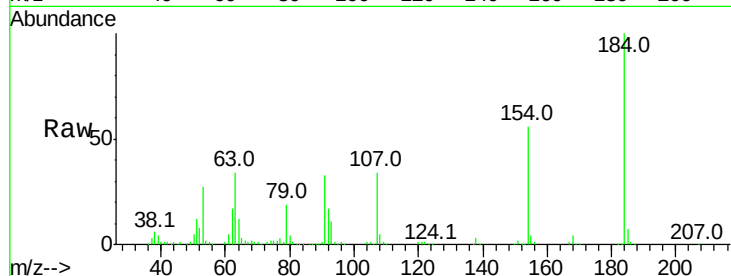




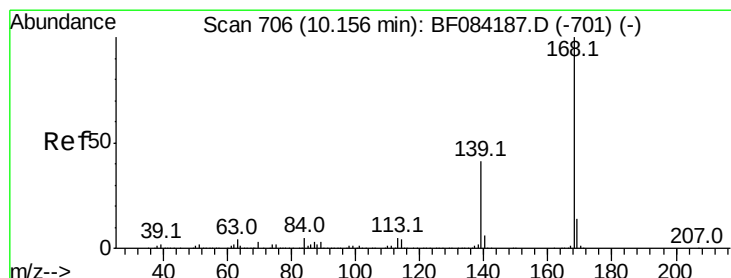
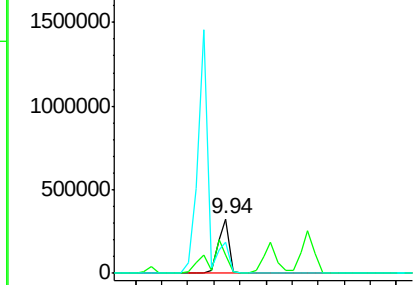
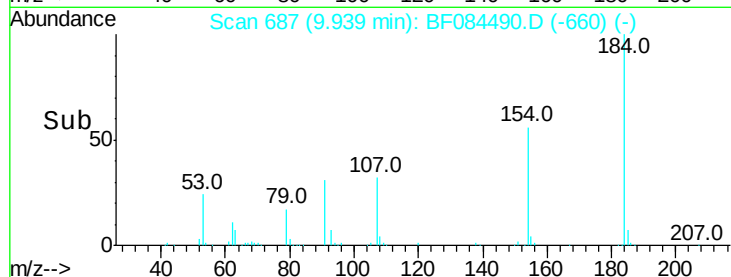
#53
2,4-Dinitrophenol
Concen: 112.79 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 405187
Ion Ratio Lower Upper
184 100
63 34.4 43.1 64.7#
154 56.1 60.5 90.7#

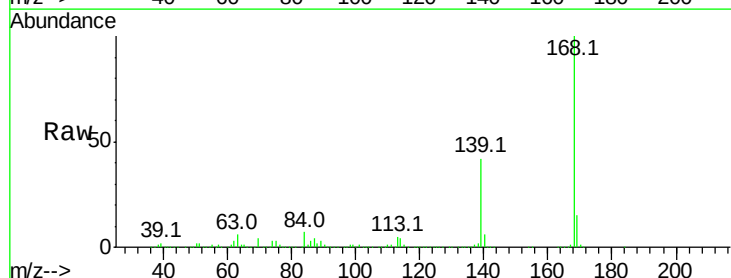


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

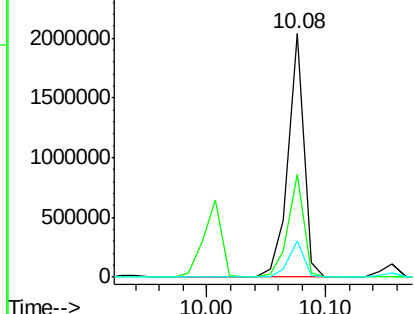
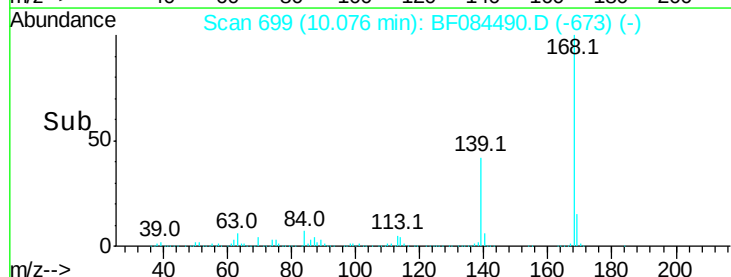


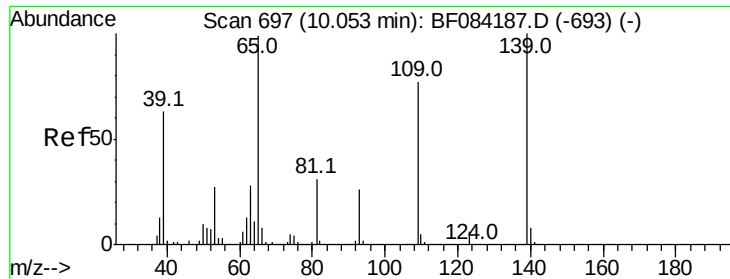
#54
Dibenzofuran
Concen: 43.49 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Tgt Ion:168 Resp: 1853585
Ion Ratio Lower Upper
168 100
139 42.2 30.5 45.7
169 14.7 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

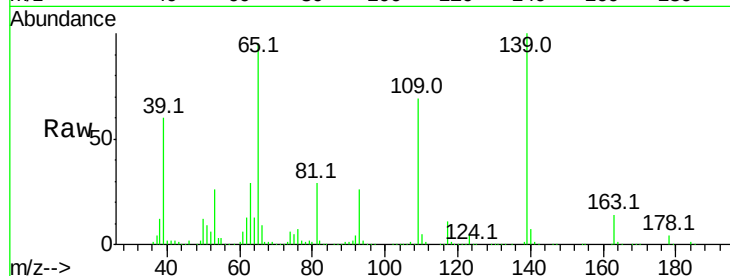




#55
4-Nitrophenol
Concen: 93.13 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.2	58.5	98.5
65	95.4	57.6	97.6

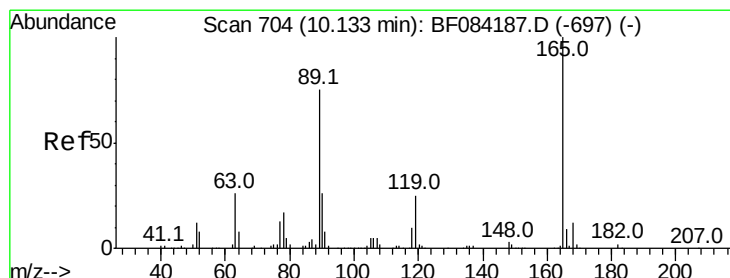
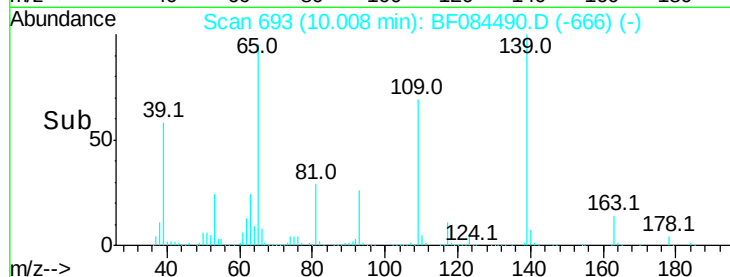
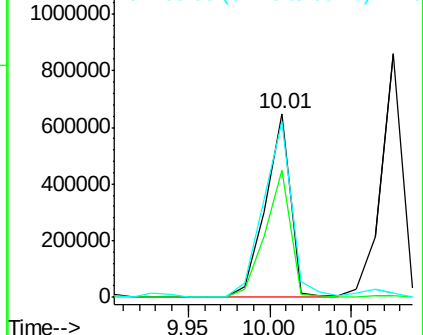


Abundance

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: 52.05 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	36.7	55.1
89	69.7	61.9	92.9
182	2.0	2.0	3.0

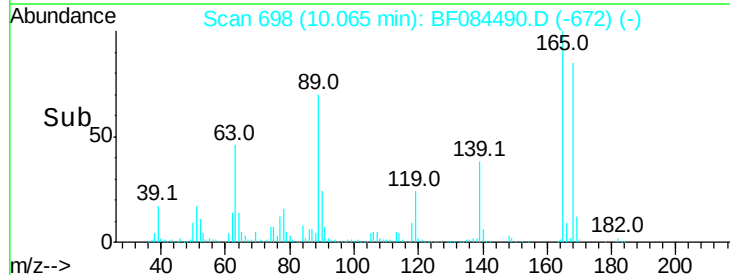
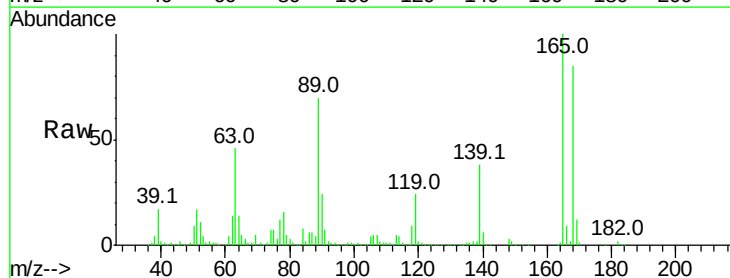
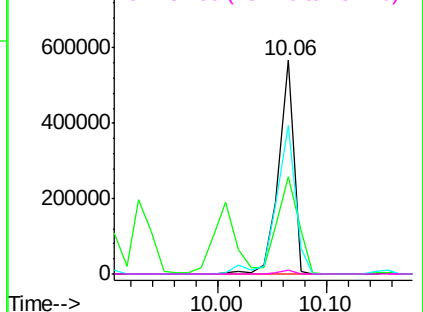
Abundance

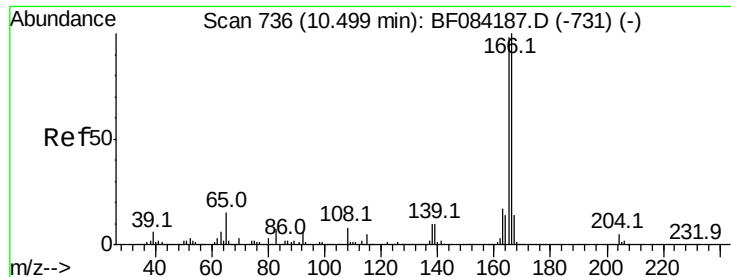
Ion 165.00 (164.70 to 165.70): E

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: 46.03 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :
BNA_F
ClientSampleId :

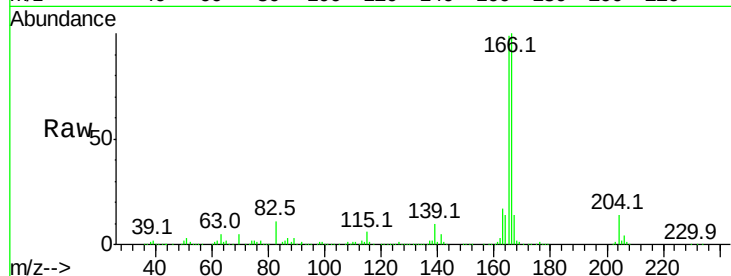
Tot Ion:166 Resp: 1511724

Ion Ratio Lower Upper

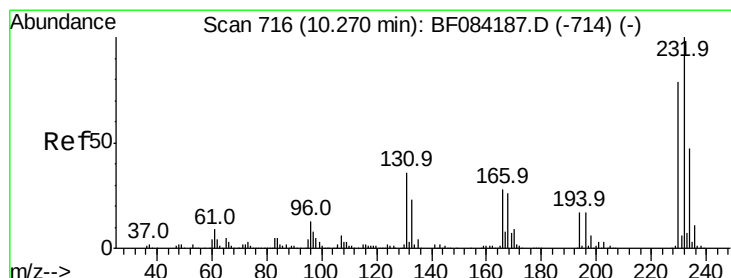
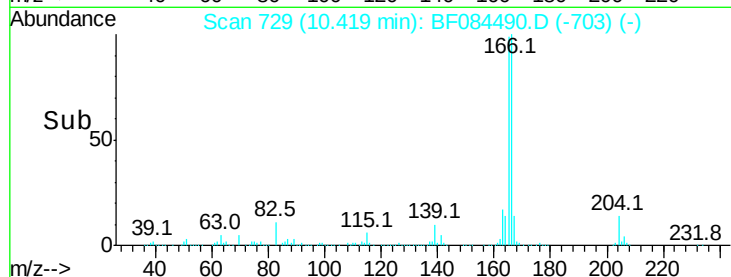
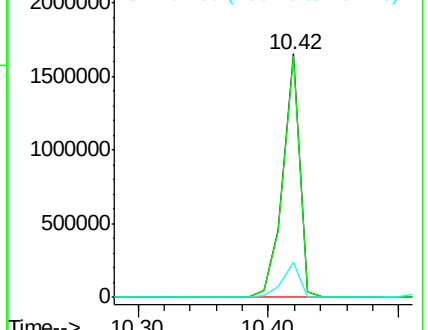
166 100

165 98.9 79.1 118.7

167 14.2 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: 42.24 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Tgt Ion:232 Resp: 394579

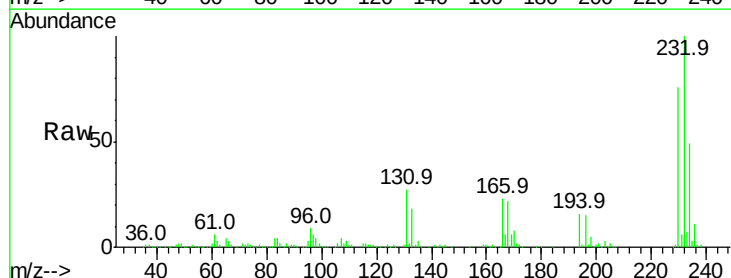
Ion Ratio Lower Upper

232 100

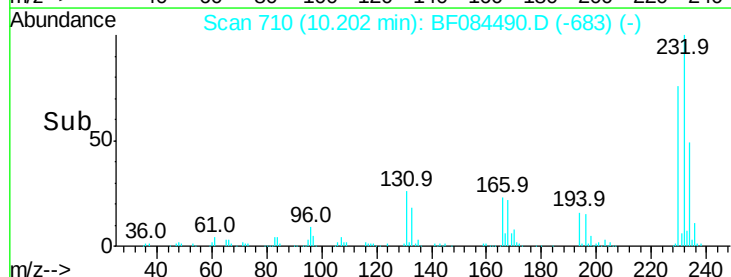
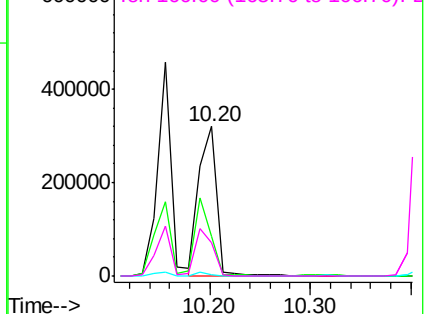
131 46.9 47.0 70.6#

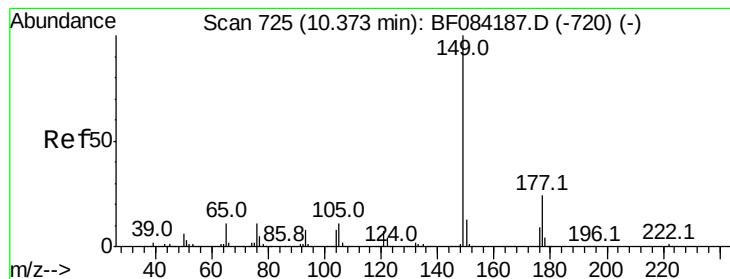
130 2.2 2.0 3.0

166 31.6 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: 43.88 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

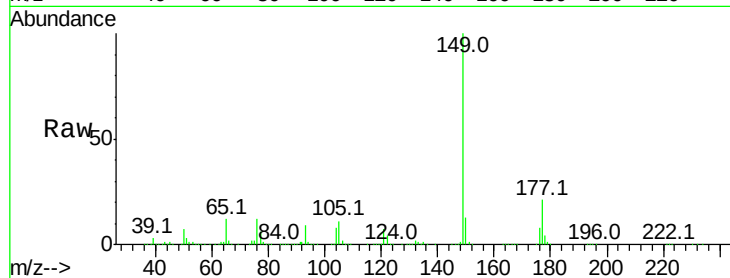
Tot Ion:149 Resp: 1641205

Ion Ratio Lower Upper

149 100

177 21.2 17.3 25.9

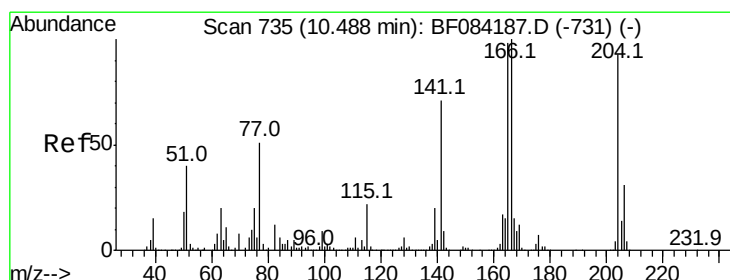
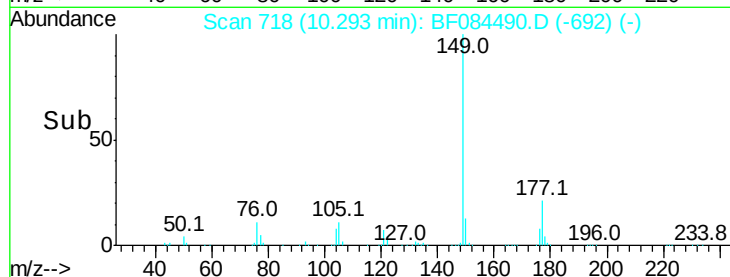
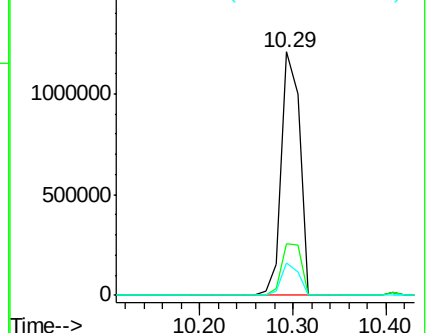
150 13.1 9.8 14.8



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: 46.82 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

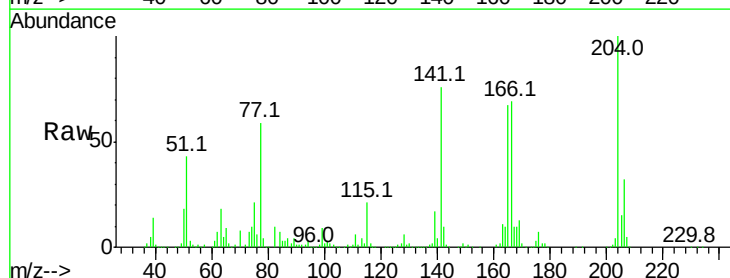
Tgt Ion:204 Resp: 645127

Ion Ratio Lower Upper

204 100

206 32.5 25.7 38.5

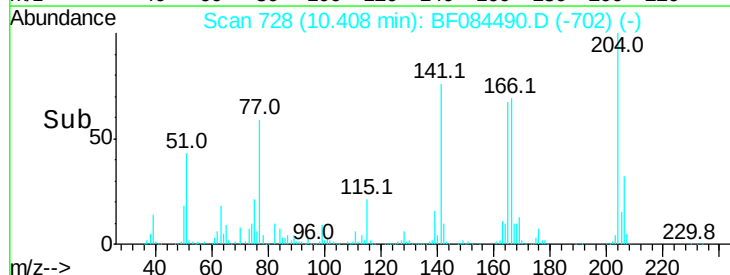
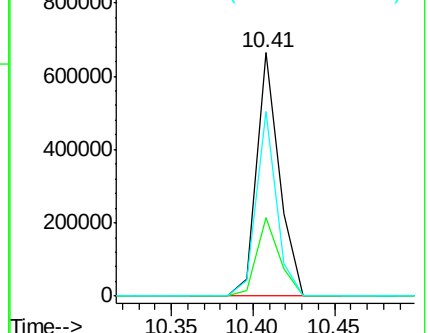
141 75.6 55.1 82.7

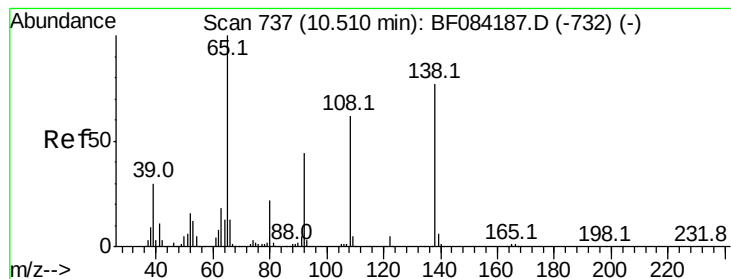


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.59 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

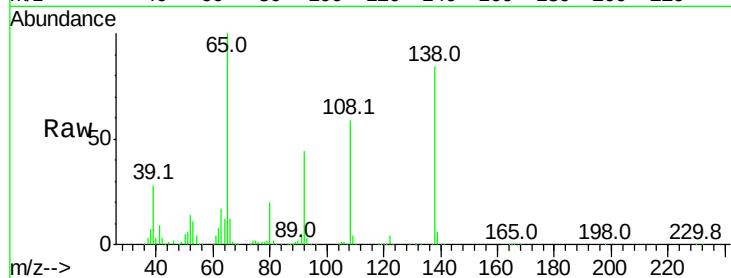
Tot Ion:138 Resp: 373090

Ion Ratio Lower Upper

138 100

92 52.6 32.6 72.6

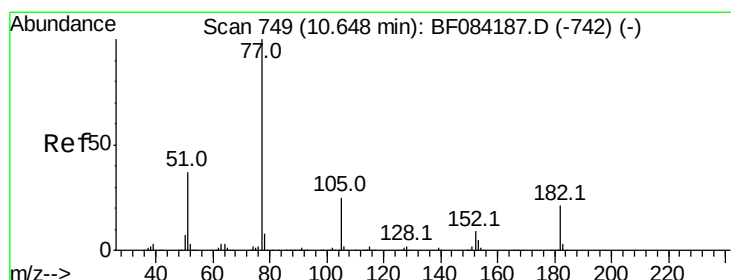
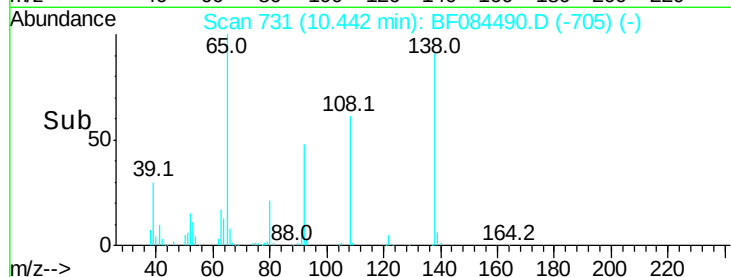
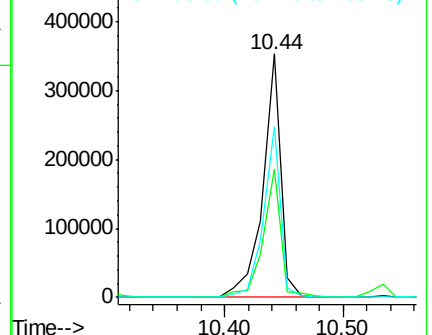
108 70.2 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.20 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Tgt Ion: 77 Resp: 1690183

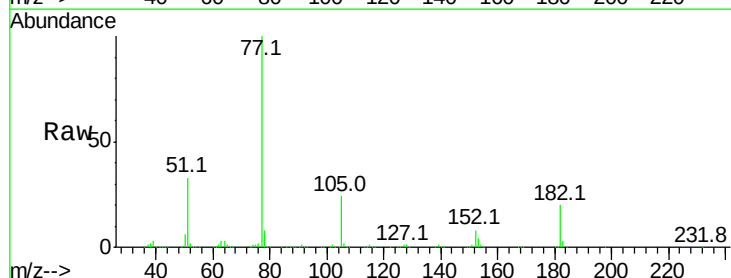
Ion Ratio Lower Upper

77 100

182 19.6 8.3 48.3

105 23.6 4.6 44.6

51 32.8 6.2 46.2

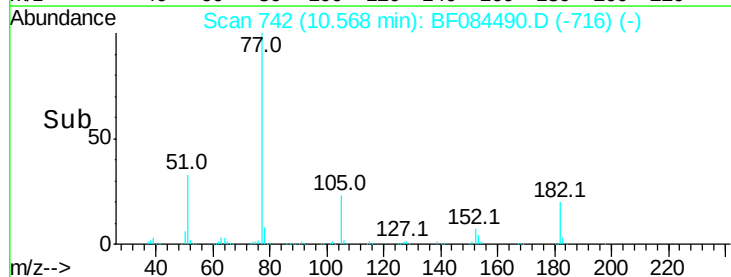
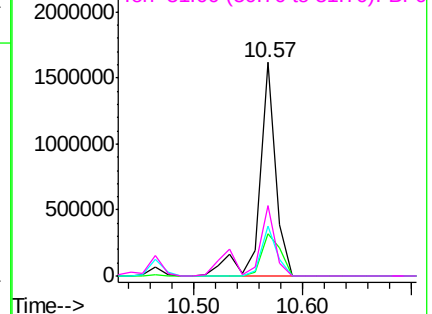


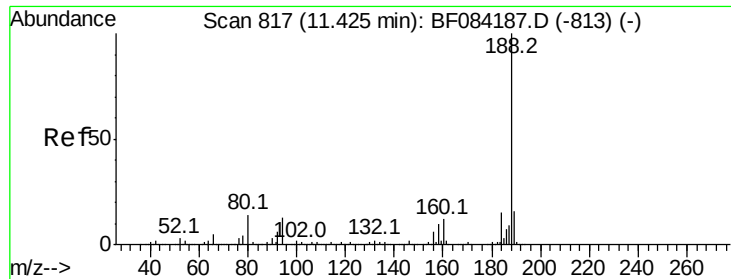
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampled :

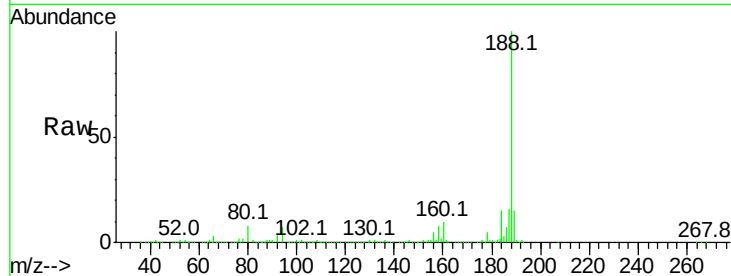
Tot Ion:188 Resp: 917296

Ion Ratio Lower Upper

188 100

94 7.5 9.0 13.4#

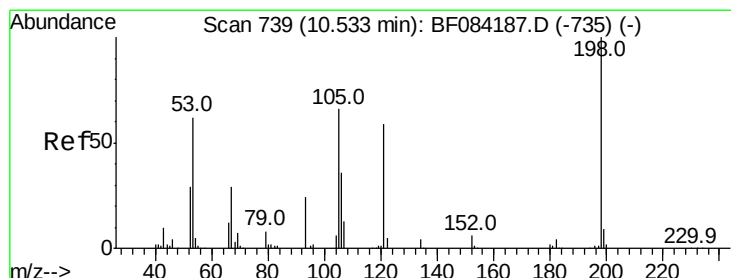
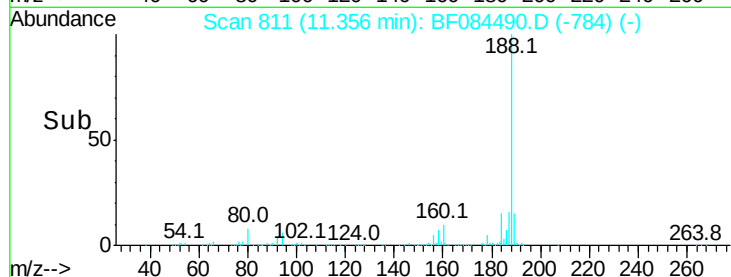
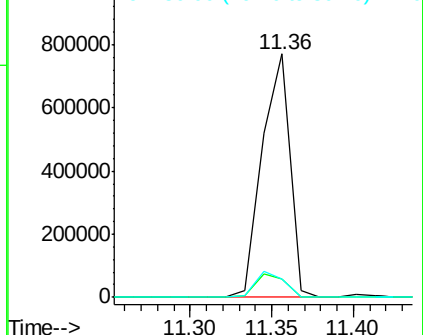
80 7.8 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.29 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

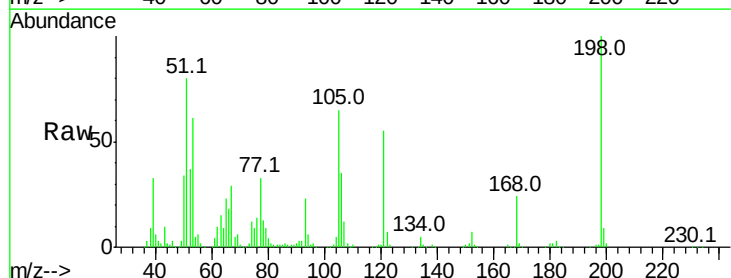
Tgt Ion:198 Resp: 247514

Ion Ratio Lower Upper

198 100

51 80.0 18.9 58.9#

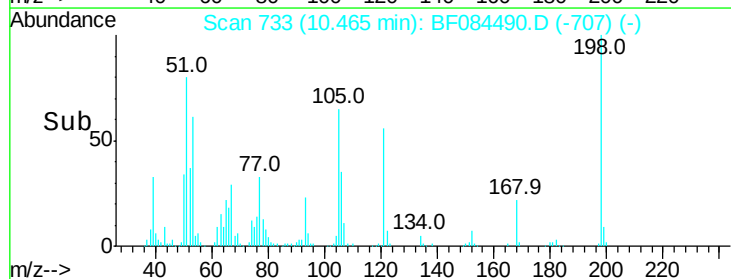
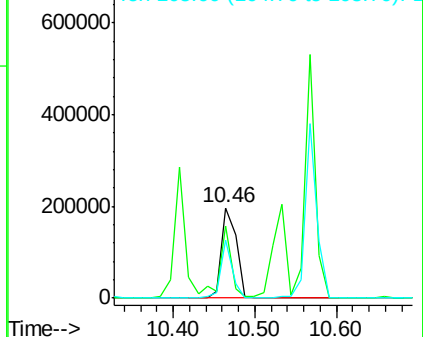
105 64.7 26.4 66.4

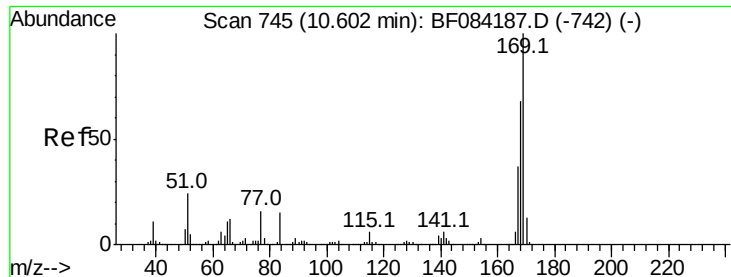


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.44 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

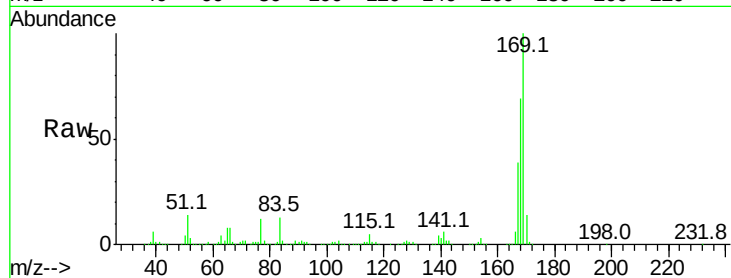
Tot Ion:169 Resp: 1361964

Ion Ratio Lower Upper

169 100

168 68.6 55.1 82.7

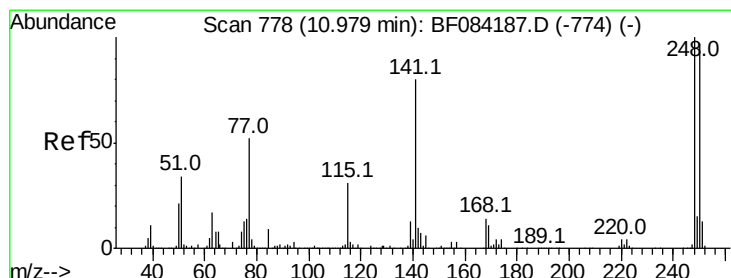
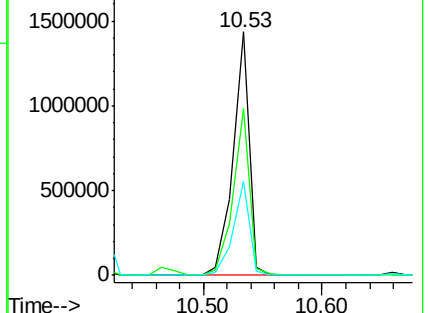
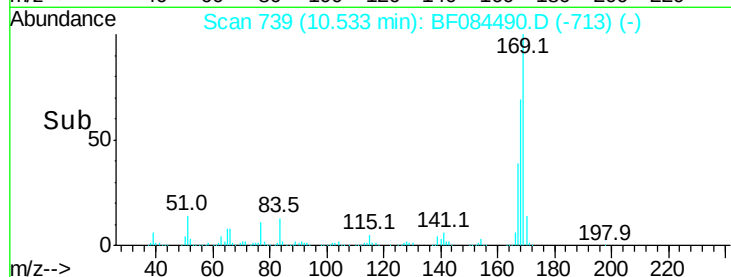
167 38.7 30.0 45.0



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: 44.73 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

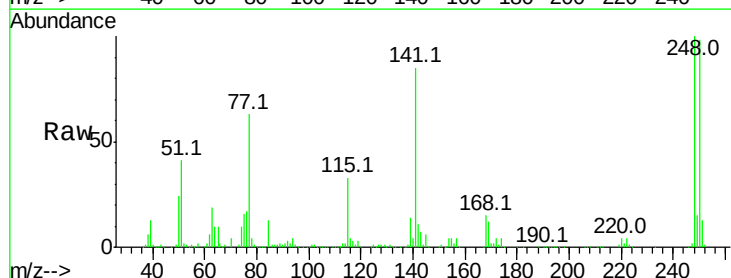
Tgt Ion:248 Resp: 441590

Ion Ratio Lower Upper

248 100

250 98.2 78.4 117.6

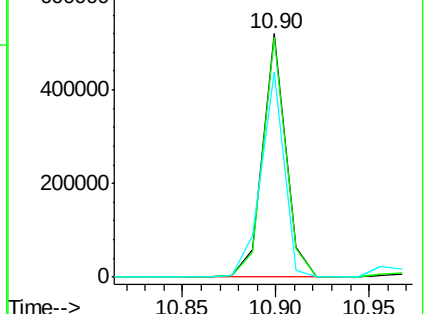
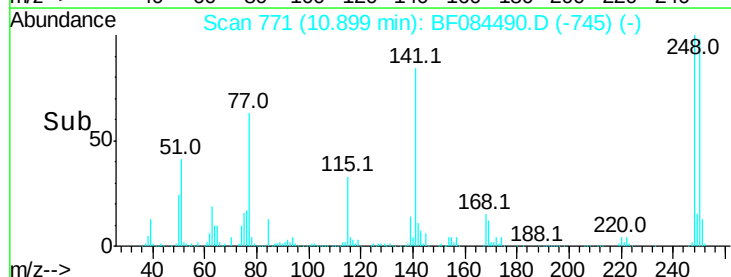
141 84.5 44.0 66.0#

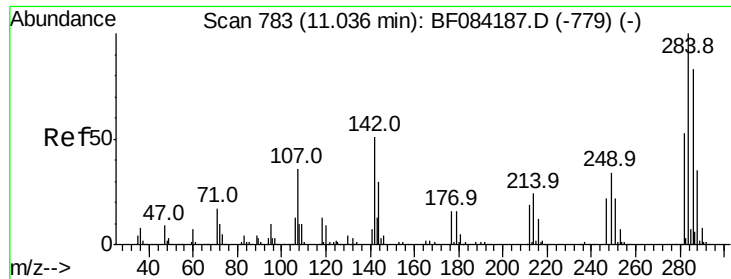


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.46 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

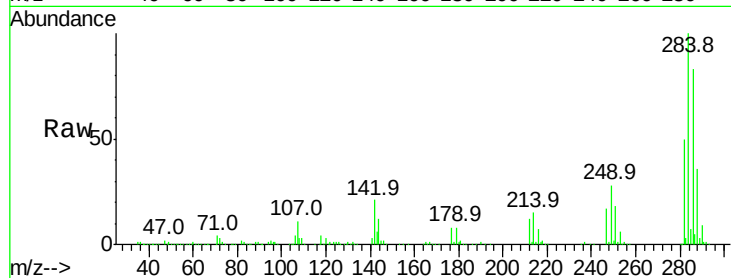
Tot Ion:284 Resp: 516328

Ion Ratio Lower Upper

284 100

142 20.5 22.2 33.4#

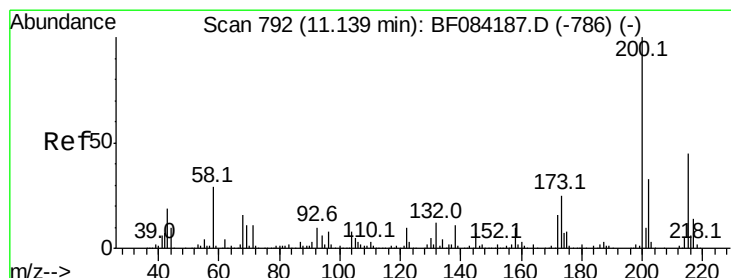
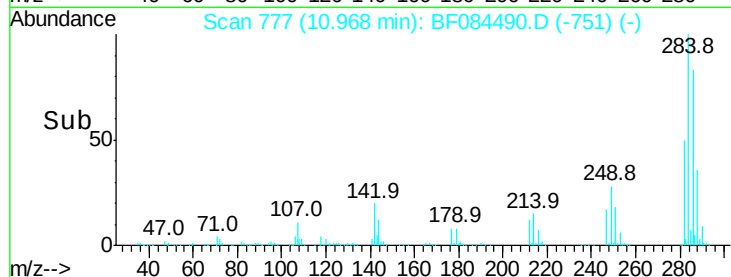
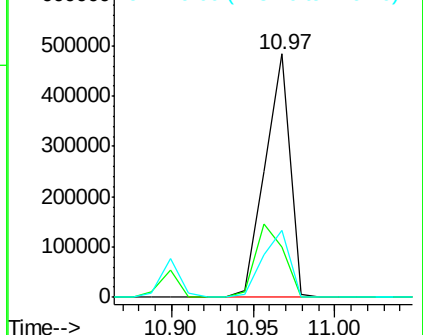
249 27.7 24.6 37.0



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: 42.69 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

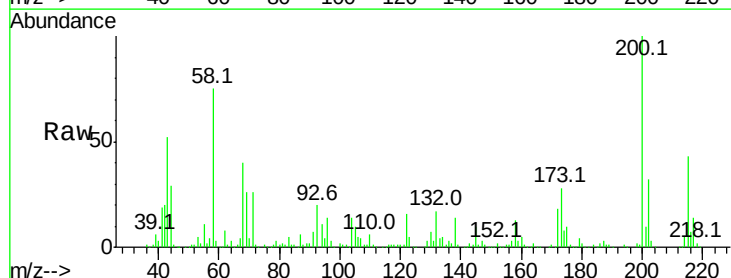
Tgt Ion:200 Resp: 409710

Ion Ratio Lower Upper

200 100

173 28.3 9.5 49.5

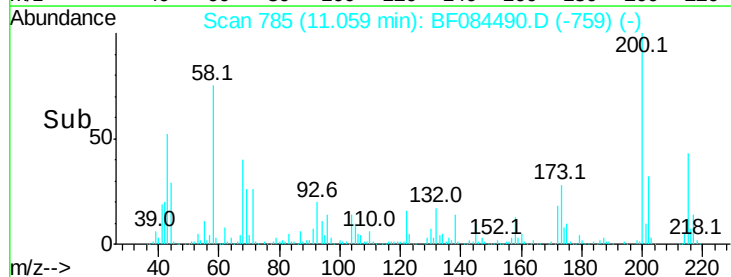
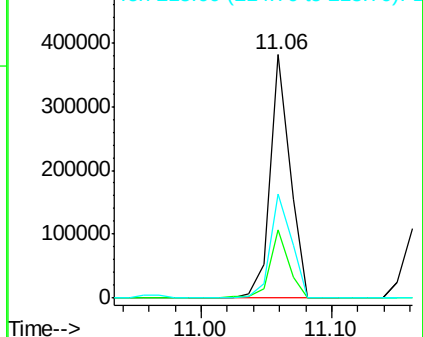
215 42.9 23.8 63.8

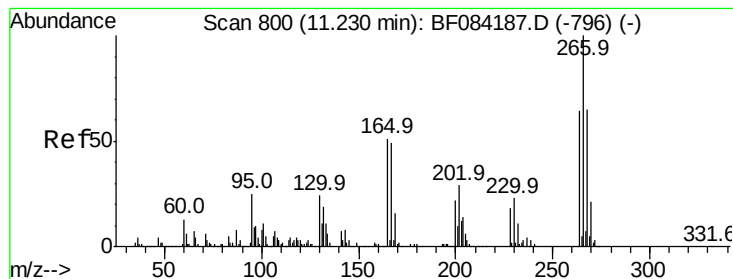


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 81.31 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

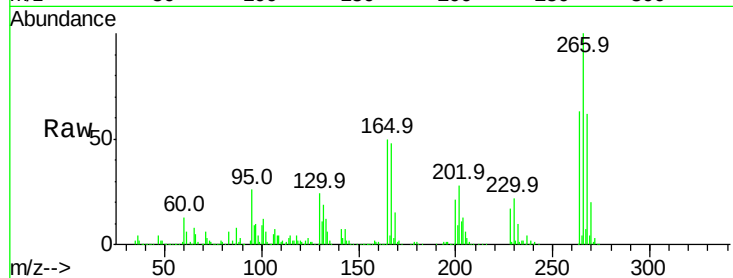
Tot Ion:266 Resp: 468504

Ion Ratio Lower Upper

266 100

268 61.7 52.4 78.6

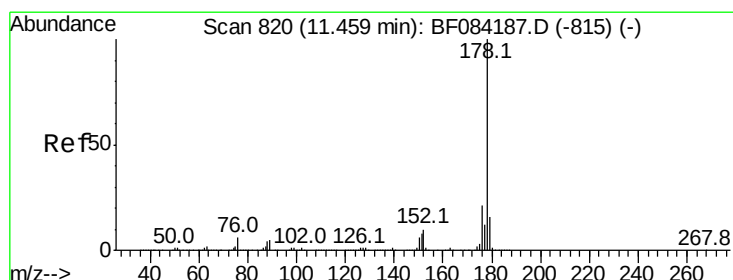
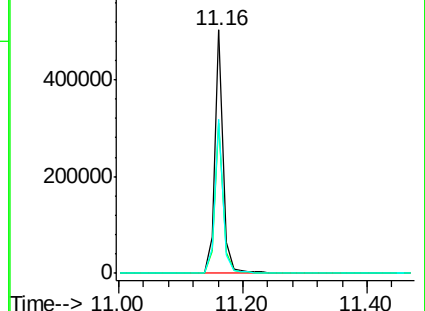
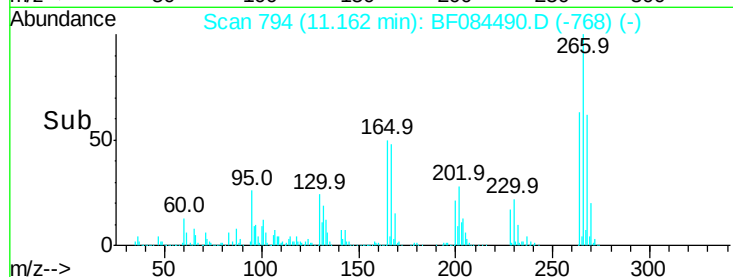
264 63.0 50.2 75.2



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: 46.16 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

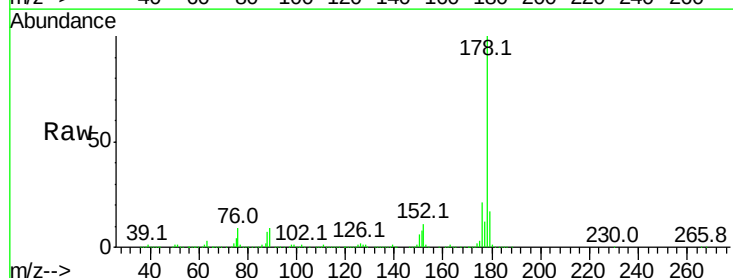
Tgt Ion:178 Resp: 2214760

Ion Ratio Lower Upper

178 100

176 21.4 15.3 22.9

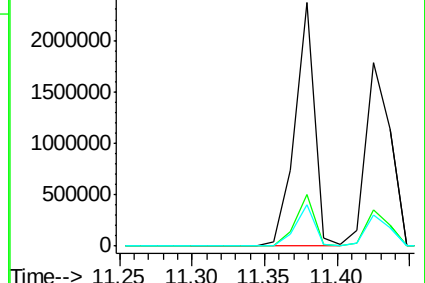
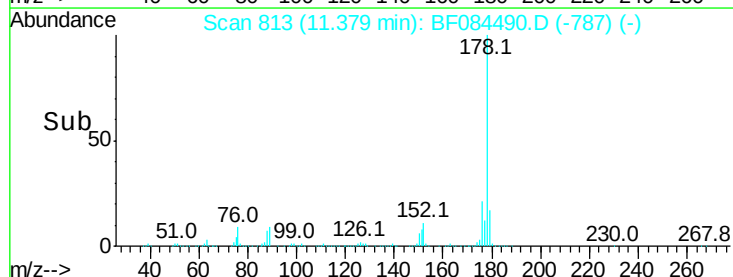
179 16.9 12.0 18.0

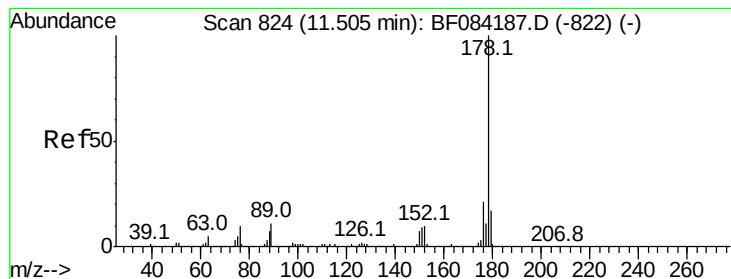


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.10 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

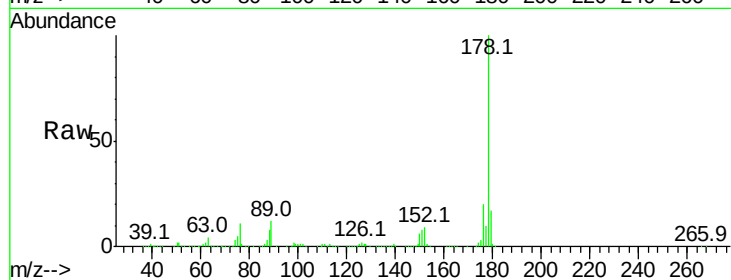
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2121257

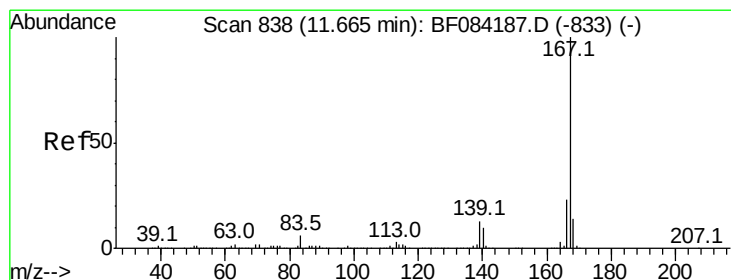
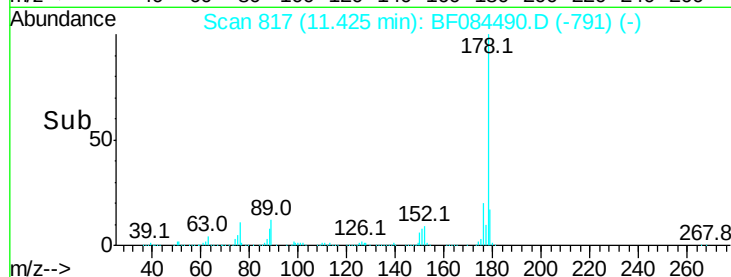
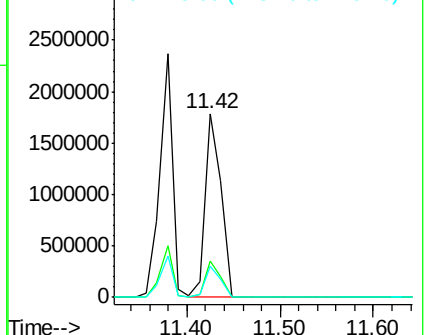
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.9	12.5	18.7



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: 40.34 ng

RT: 11.58 min Scan# 831

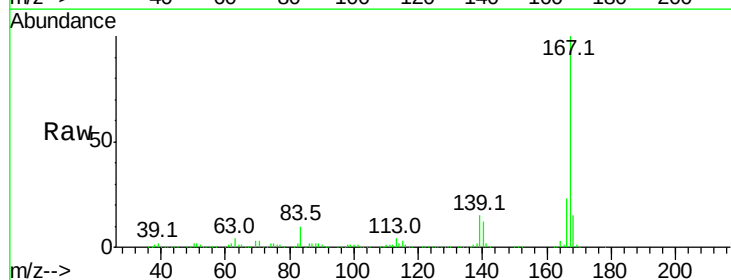
Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Tgt Ion:167 Resp: 1855102

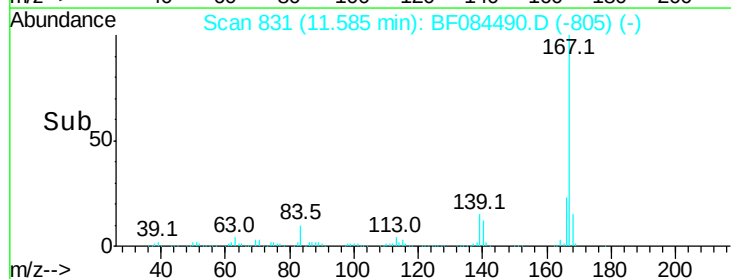
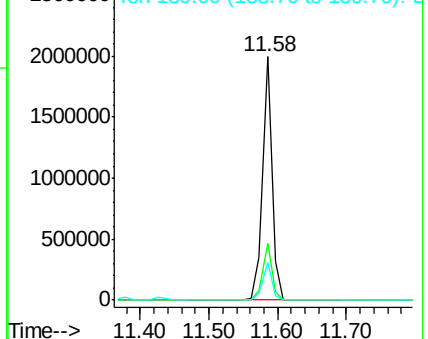
Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	15.3	11.8	17.8

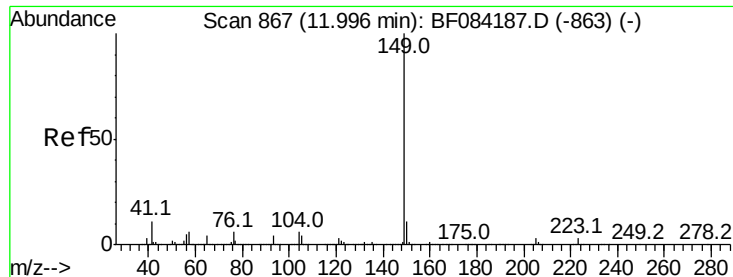


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.74 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

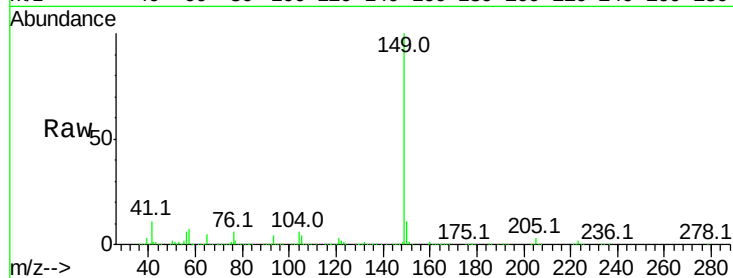
Tot Ion:149 Resp: 2332756

Ion Ratio Lower Upper

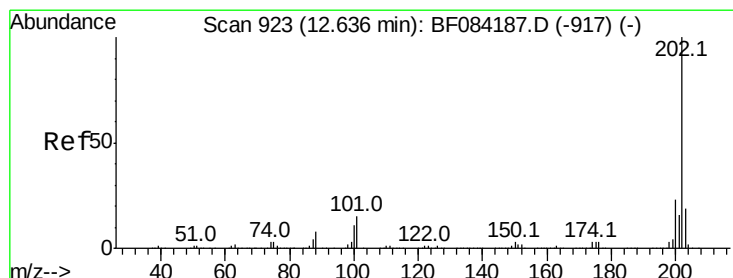
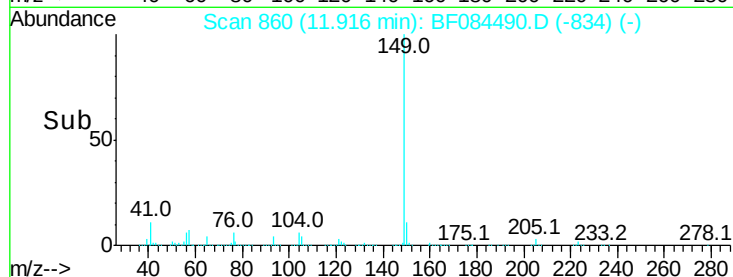
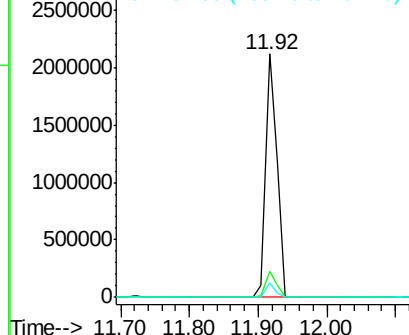
149 100

150 10.5 7.1 10.7

104 6.1 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: 45.25 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

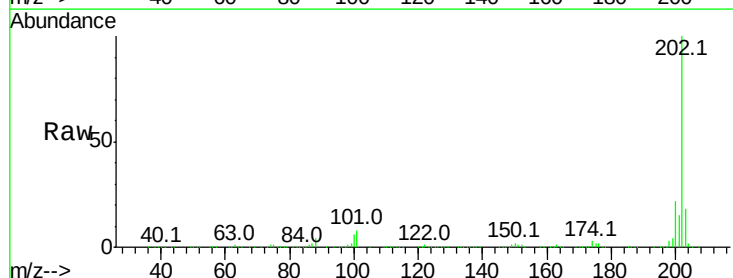
Tgt Ion:202 Resp: 2268054

Ion Ratio Lower Upper

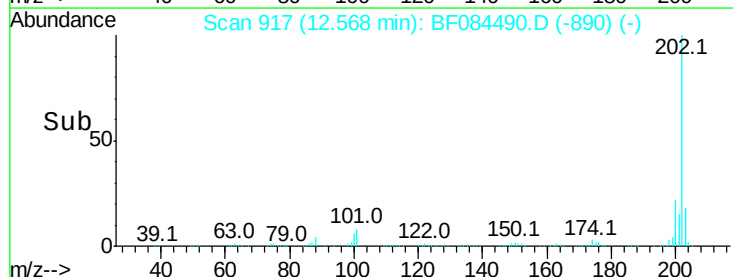
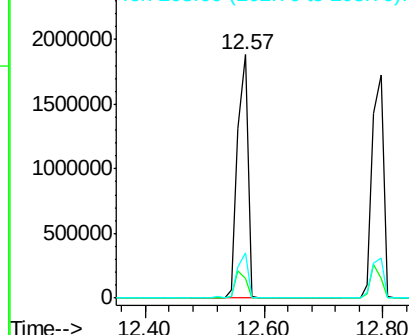
202 100

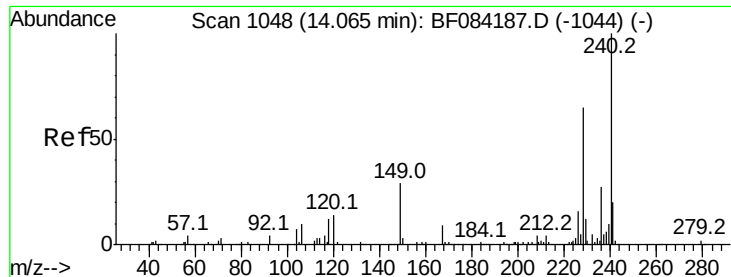
101 7.9 0.0 32.8

203 18.4 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: BF084490.D

Acq: 15 Jan 2016 14:53

Instrument :

BNA_F

ClientSampleId :

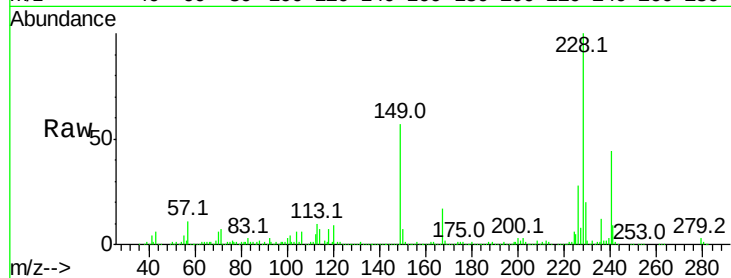
Tot Ion:240 Resp: 555707

Ion Ratio Lower Upper

240 100

120 19.2 9.5 14.3#

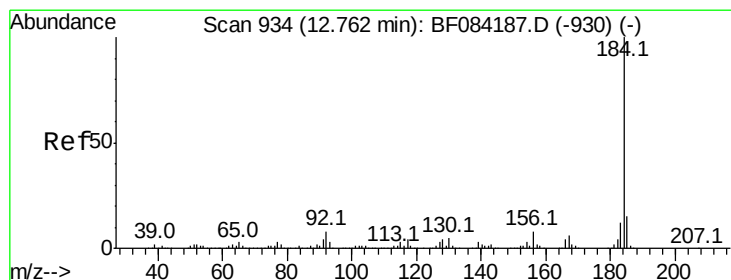
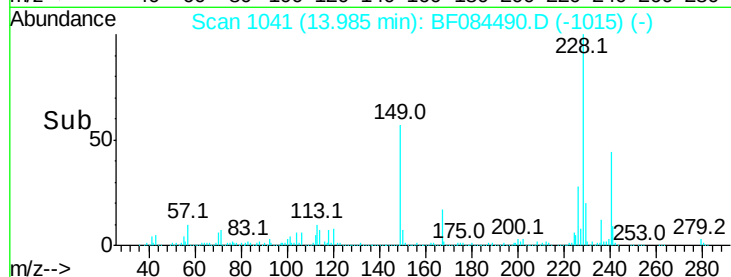
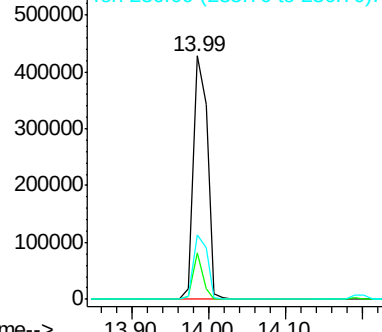
236 26.5 20.6 31.0



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: 37.43 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF084490.D

Acq: 15 Jan 2016 14:53

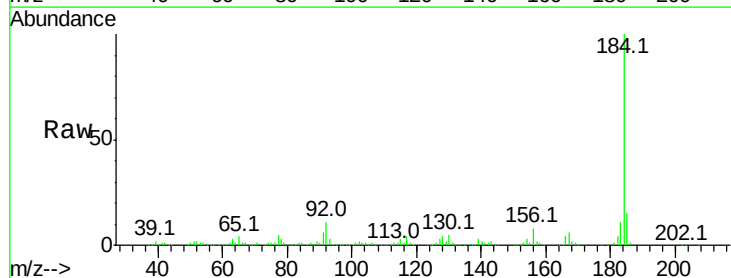
Tgt Ion:184 Resp: 745755

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

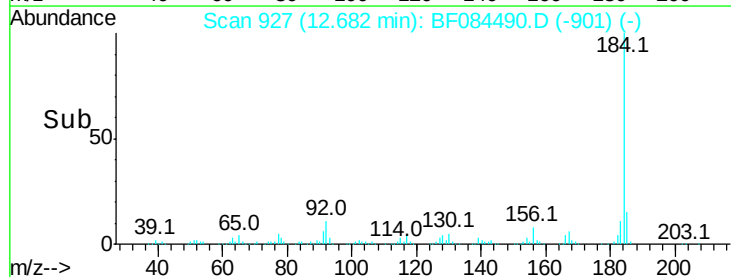
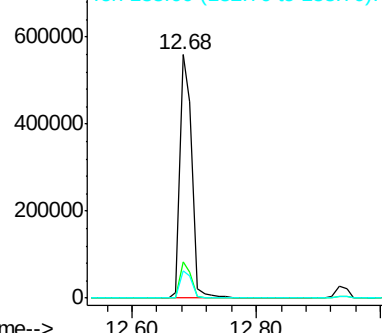
183 11.2 9.8 14.8

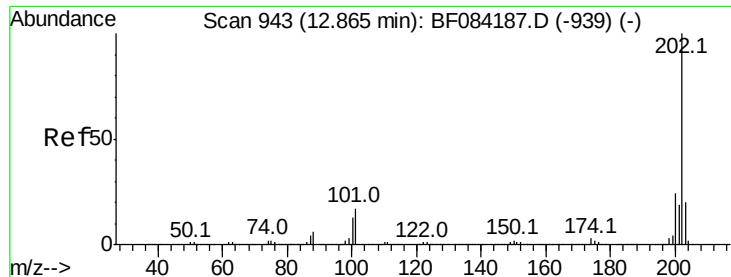


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



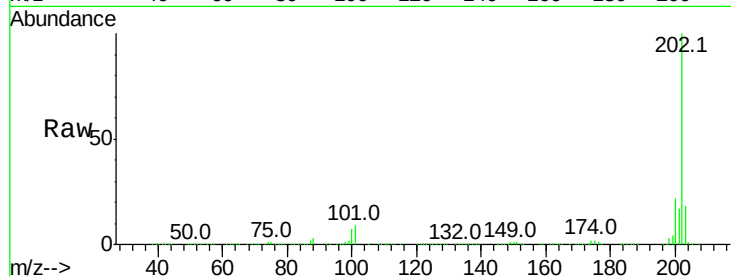


#77
 Pvrene
 Concen: 51.69 ng
 RT: 12.80 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

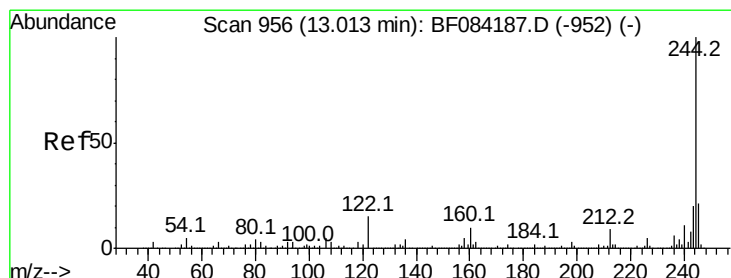
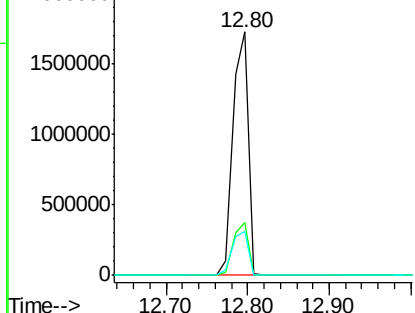
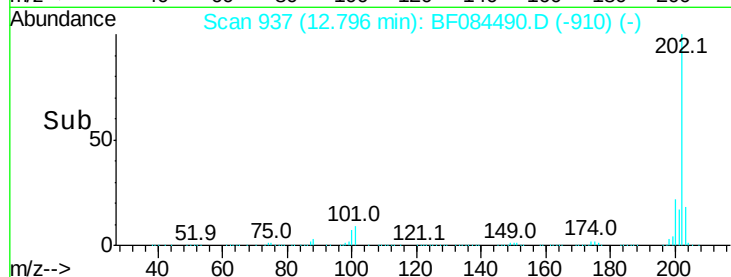
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2254018

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	18.2	14.3	21.5



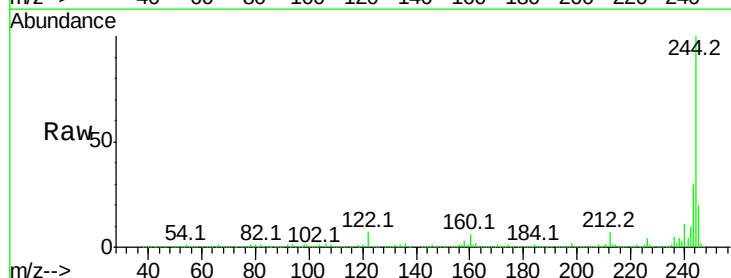
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



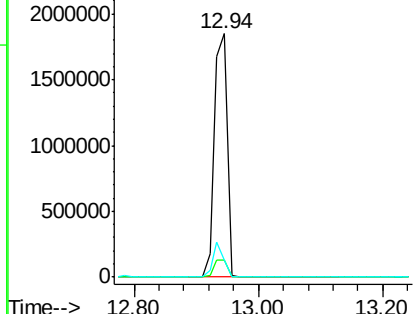
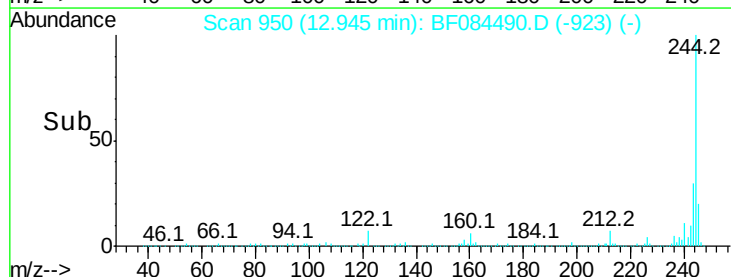
#78
 Terphenyl-d14
 Concen: 102.87 ng
 RT: 12.94 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

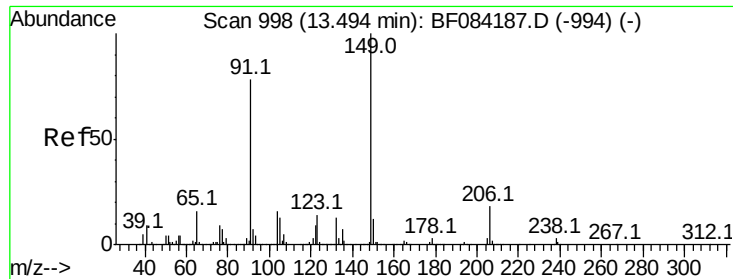
Tgt Ion:244 Resp: 2561014

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.1	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

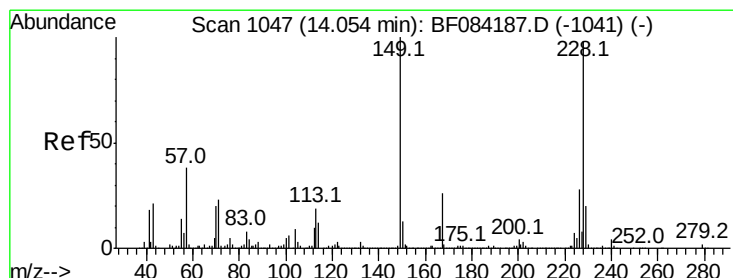
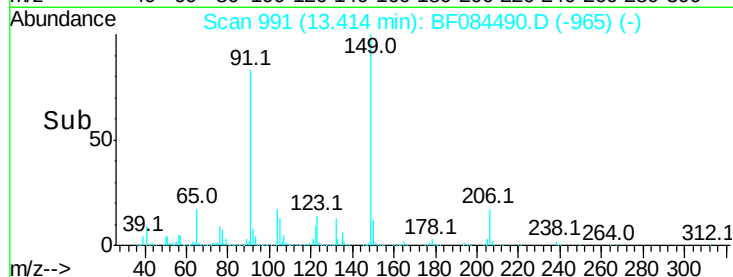
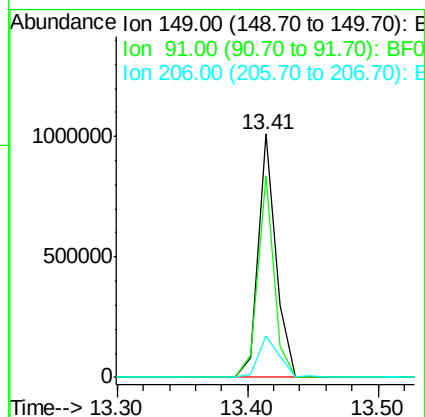
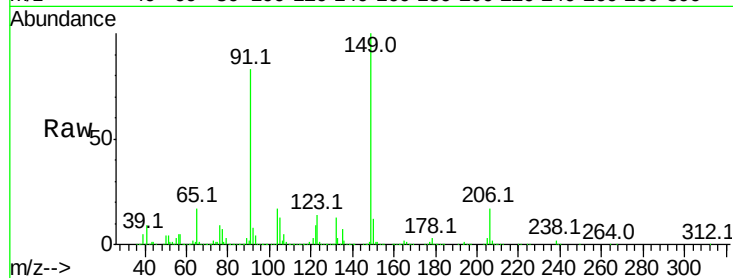




#79
Butylbenzylphthalate
Concen: 50.72 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

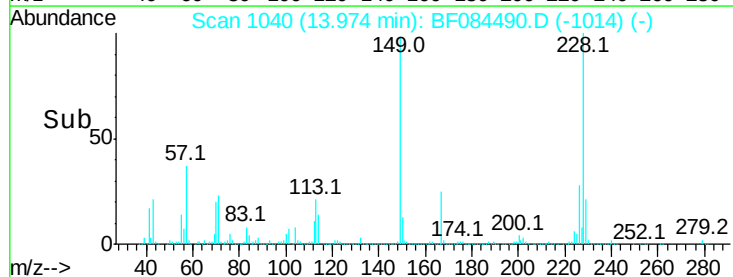
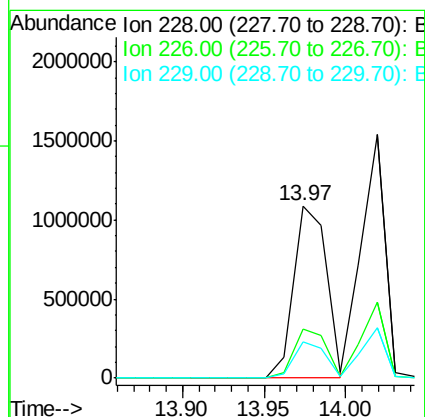
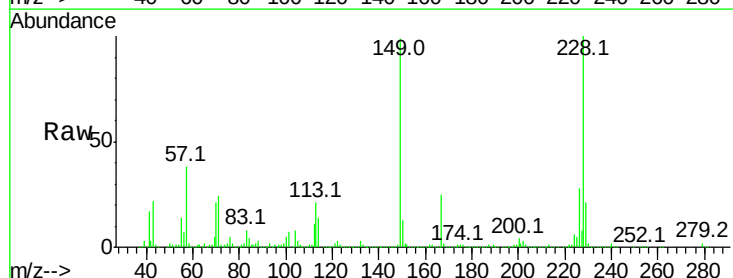
Instrument :
BNA_F
ClientSampleId :

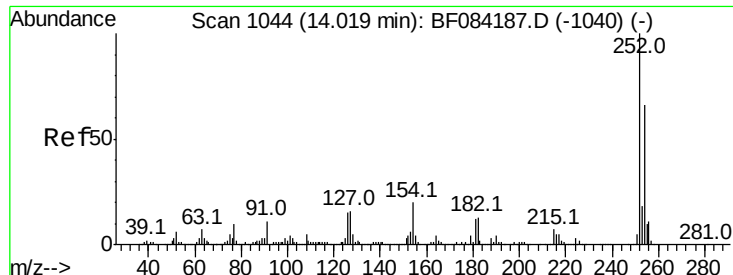
Tot Ion:149 Resp: 957115
Ion Ratio Lower Upper
149 100
91 82.6 57.6 86.4
206 17.2 13.2 19.8



#80
Benzo(a)anthracene
Concen: 46.67 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Tgt Ion:228 Resp: 1522890
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.6
229 21.3 15.8 23.8

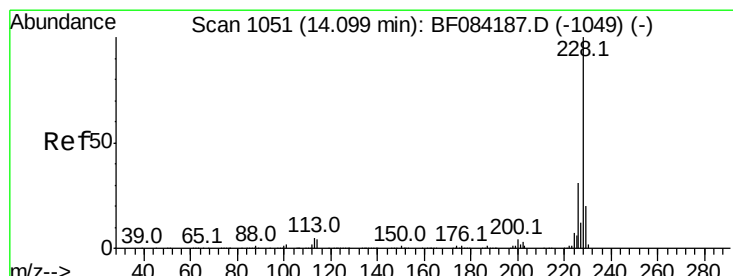
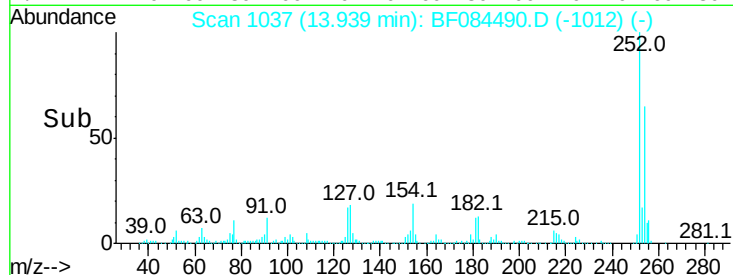
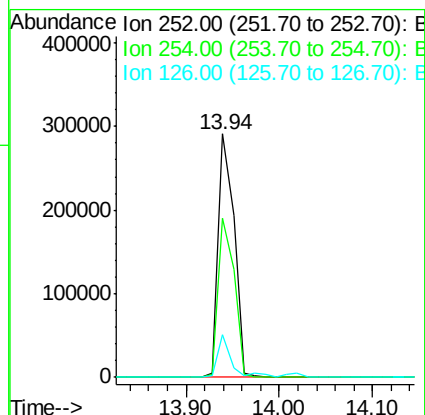
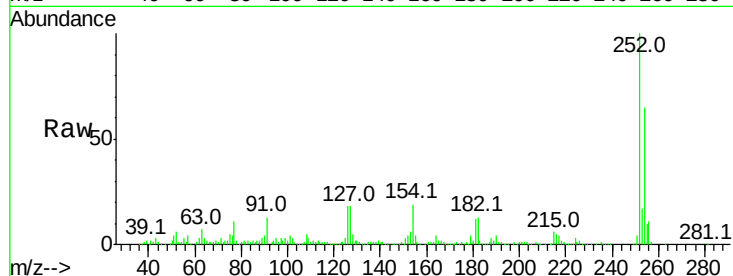




#81
 3,3'-Dichlorobenzidine
 Concen: 30.14 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

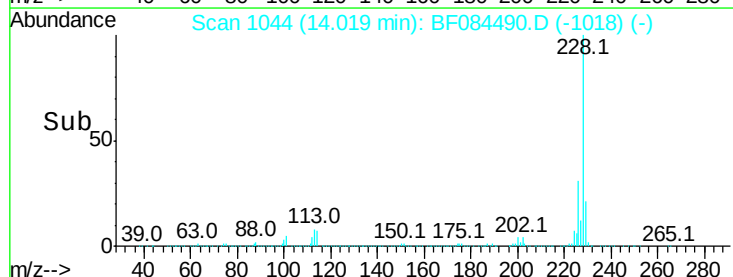
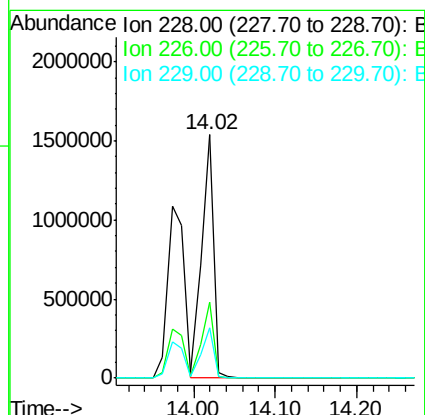
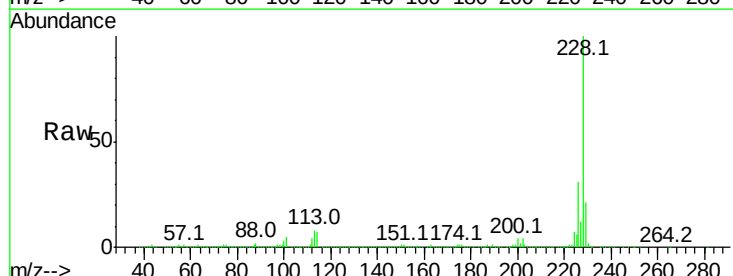
Instrument :
 BNA_F
 ClientSampleId :

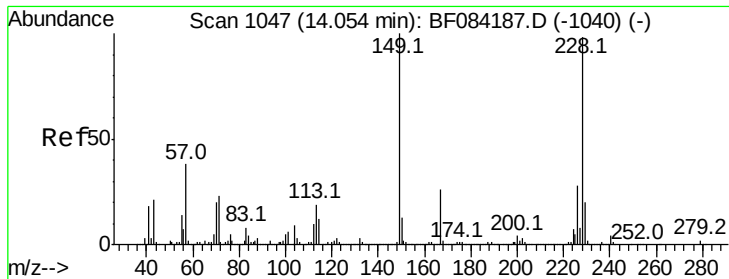
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	53.5	80.3
126	17.6	4.9	7.3



#82
 Chrysene
 Concen: 50.79 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
229	20.7	16.1	24.1

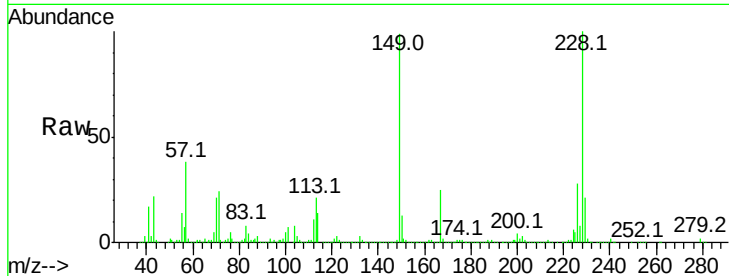




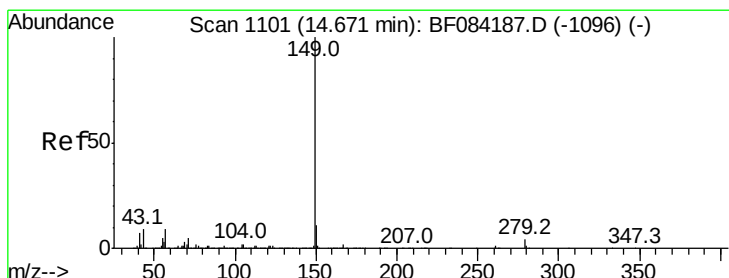
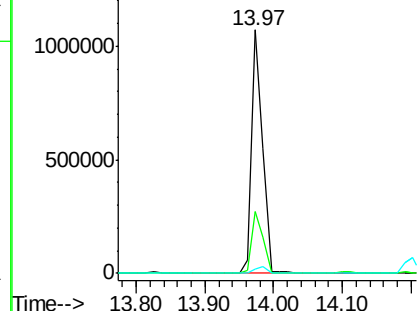
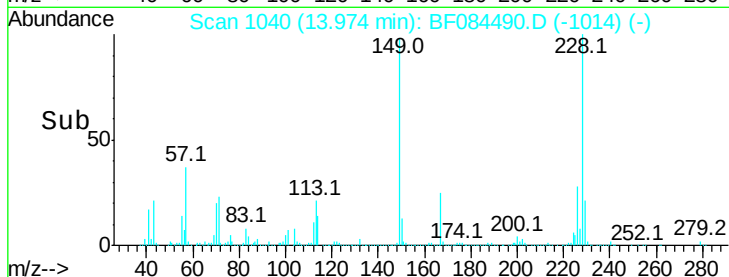
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.81 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1163656
 Ion Ratio Lower Upper
 149 100
 167 25.5 19.7 29.5
 279 2.0 1.8 2.6

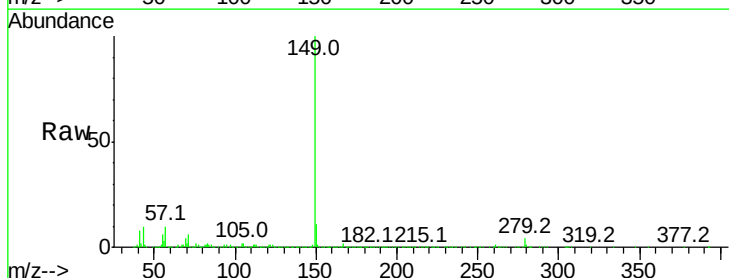


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

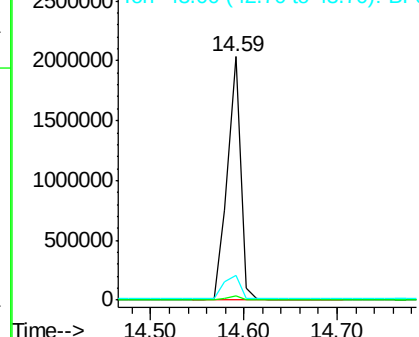
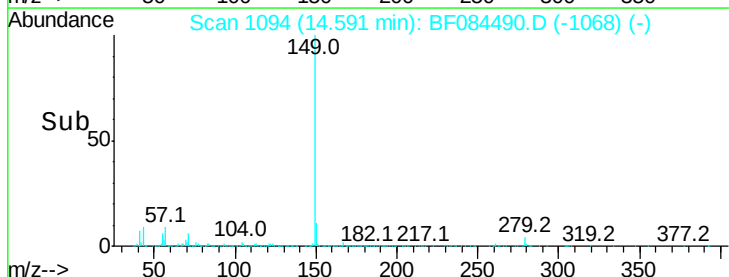


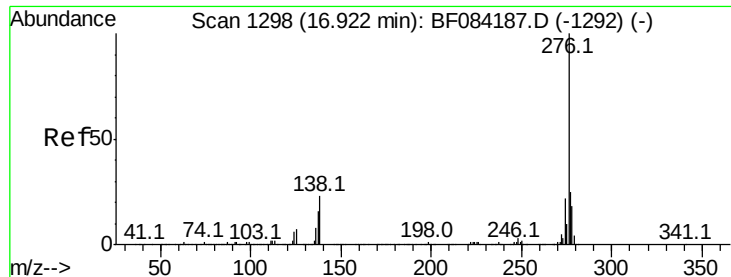
#84
 Di-n-octyl phthalate
 Concen: 49.67 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Tgt Ion:149 Resp: 1998995
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.4 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

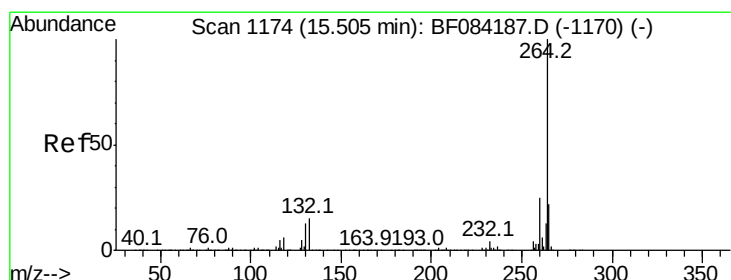
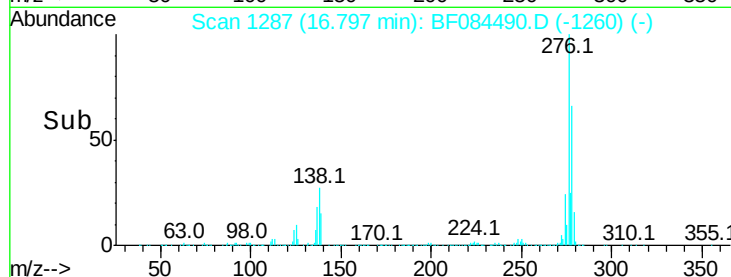
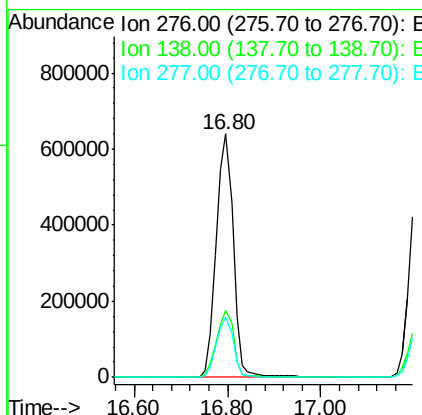
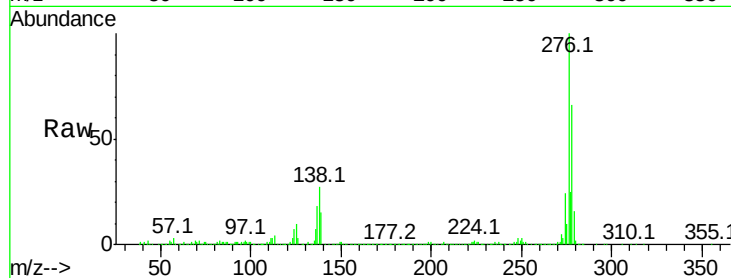




#85
Indeno(1,2,3-cd)pyrene
Concen: 65.25 ng
RT: 16.80 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

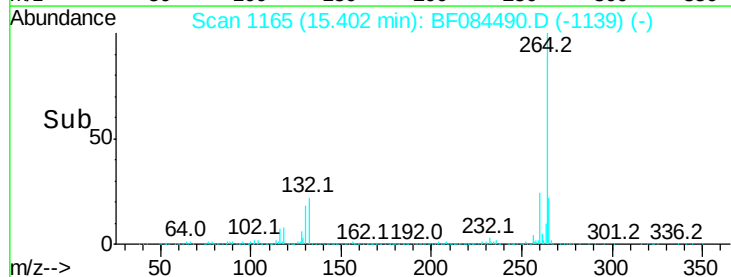
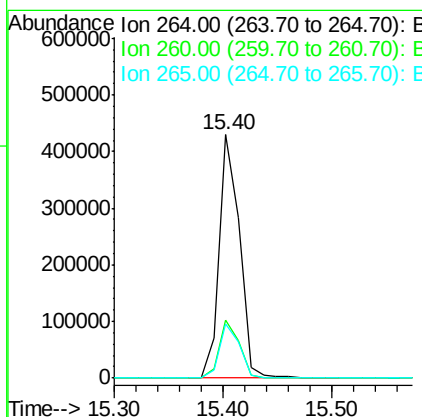
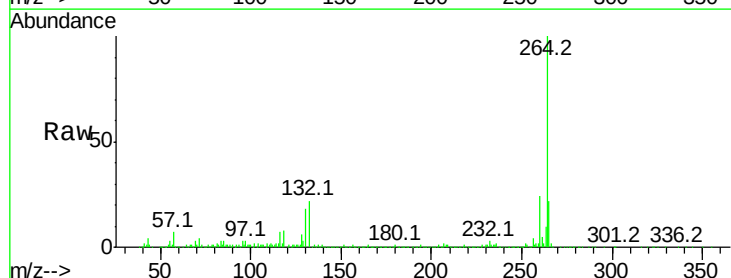
Instrument :
BNA_F
ClientSampleId :

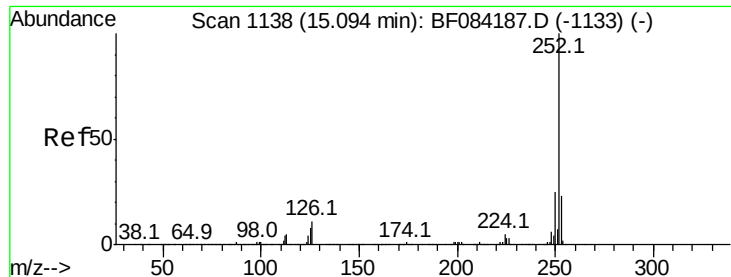
Tot Ion:276 Resp: 1621708
Ion Ratio Lower Upper
276 100
138 27.5 20.6 30.8
277 24.9 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Tgt Ion:264 Resp: 561776
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.5 17.8 26.6

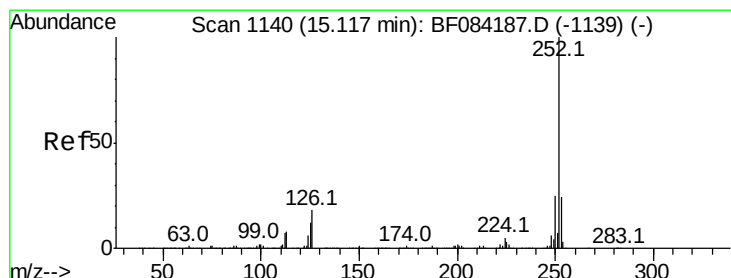
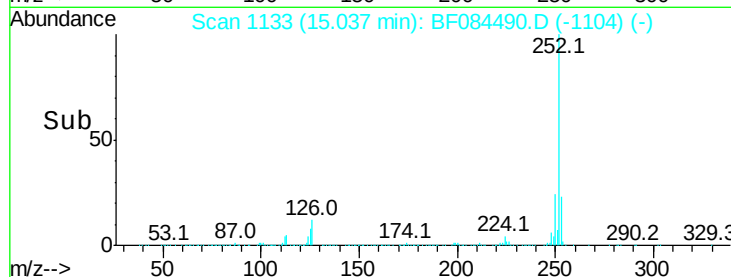
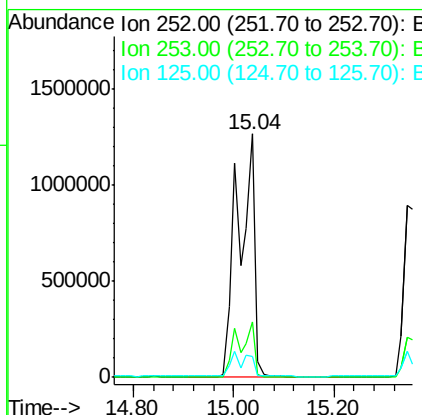
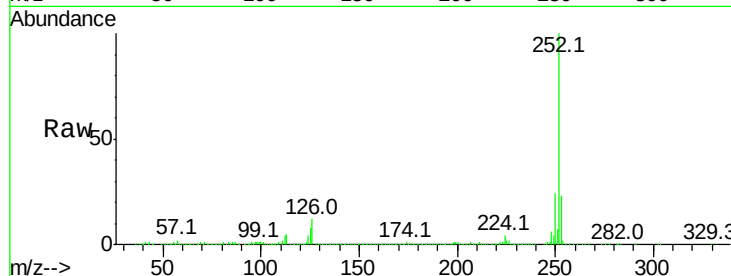




#87
Benzo(b)fluoranthene
Concen: 79.91 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.03 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

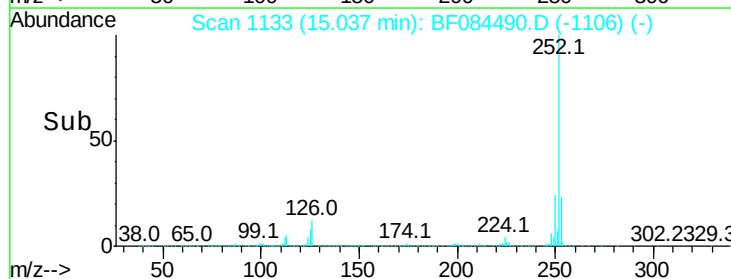
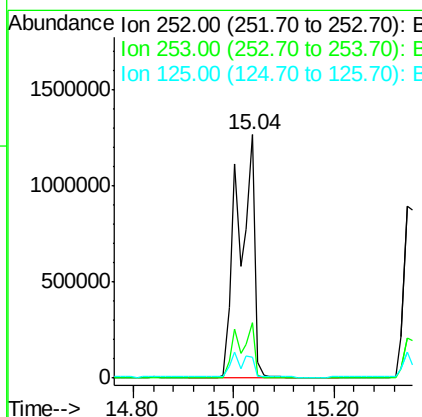
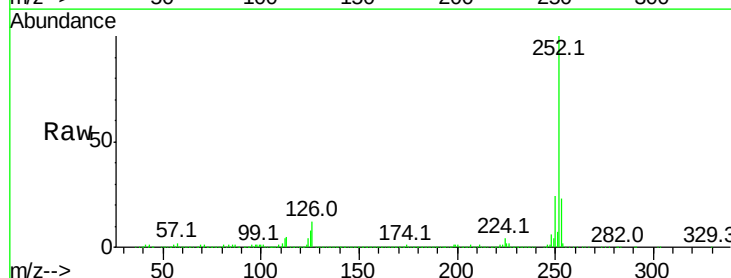
Instrument :
BNA_F
ClientSampleId :

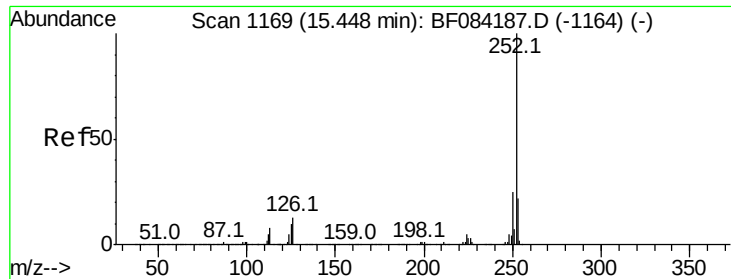
Tot Ion:252 Resp: 2936373
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 8.4 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 97.70 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Tgt Ion:252 Resp: 2936373
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 8.4 9.0 13.6#

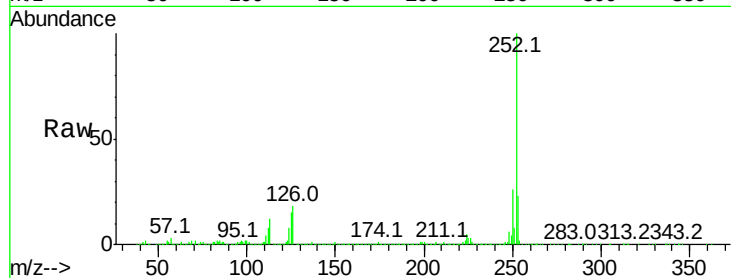




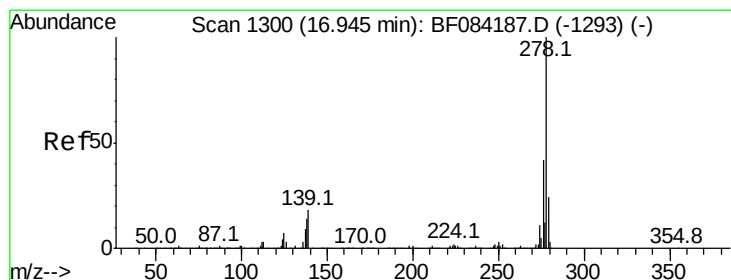
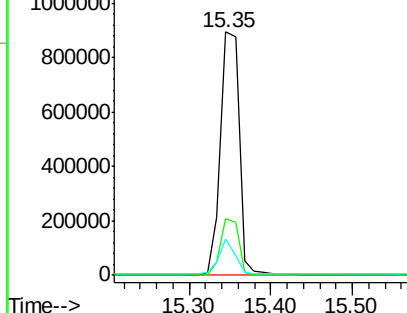
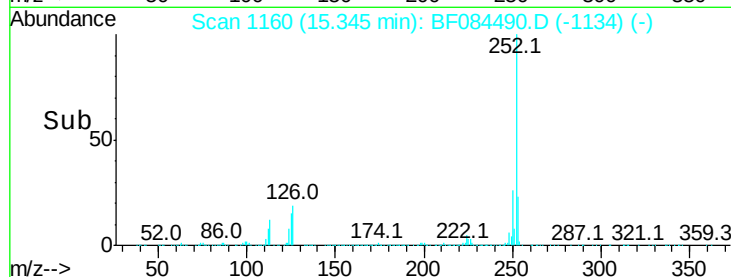
#89
Benzo(a)pyrene
Concen: 46.03 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1434786
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 15.1 7.0 10.4#

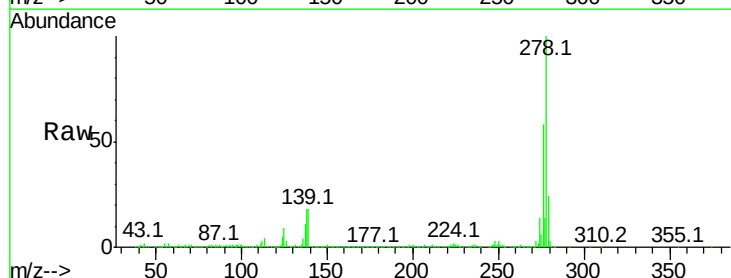


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

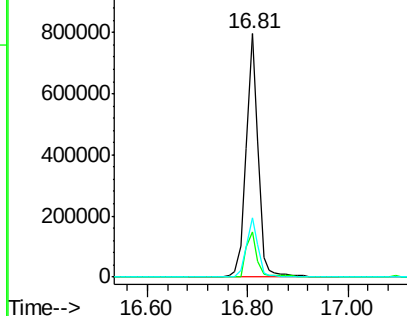
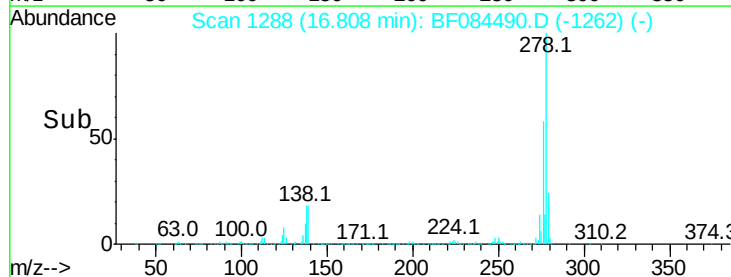


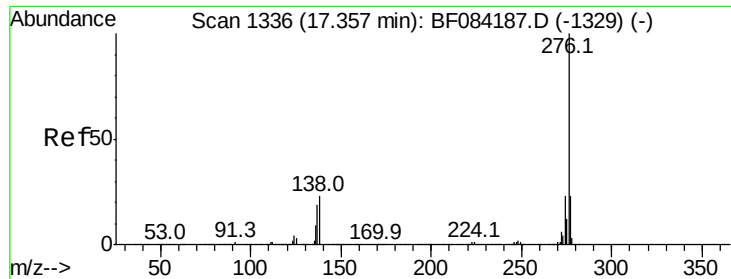
#90
Dibenzo(a,h)anthracene
Concen: 49.59 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF084490.D
Acq: 15 Jan 2016 14:53

Tgt Ion:278 Resp: 1330118
Ion Ratio Lower Upper
278 100
139 18.4 15.0 22.4
279 24.3 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: 49.59 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF084490.D
 Acq: 15 Jan 2016 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1377508
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.8 28.2
 138 24.7 17.8 26.6

