

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084589.D
 Acq On : 22 Jan 2016 15:09
 Operator : SJ/IZ
 Sample : PB87925BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 22:06:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192595	20.00	ng	-0.08
21) Naphthalene-d8	8.03	136	774023	20.00	ng	-0.09
38) Acenaphthene-d10	9.79	164	391470	20.00	ng	-0.08
63) Phenanthrene-d10	11.27	188	711975	20.00	ng	-0.09
75) Chrysene-d12	13.91	240	558185	20.00	ng	-0.09
86) Perylene-d12	15.30	264	432365	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1347094	113.13	ng	-0.08
7) Phenol-d6	6.40	99	1532601	102.48	ng	-0.08
23) Nitrobenzene-d5	7.31	82	977255	70.27	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	430038	108.81	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1811556	81.12	ng	-0.08
78) Terphenyl-d14	12.85	244	1652045	66.07	ng	-0.09

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	167513	29.70	ng	# 76
3) Pyridine	3.04	79	343113	21.82	ng	# 74
4) n-Nitrosodimethylamine	2.99	42	217049	26.89	ng	# 78
6) Aniline	6.41	93	290652	13.29	ng	# 1
8) 2-Chlorophenol	6.53	128	498061	36.87	ng	# 97
9) Benzaldehyde	6.29	77	33820	3.47	ng	# 86
10) Phenol	6.41	94	648681	38.15	ng	# 97
11) bis(2-Chloroethyl)ether	6.49	93	464725	35.28	ng	# 84
12) 1,3-Dichlorobenzene	6.92	146	432061	31.00	ng	# 97
13) 1,4-Dichlorobenzene	6.76	146	486678	34.83	ng	# 96
14) 1,2-Dichlorobenzene	6.92	146	432076	32.28	ng	# 94
15) Benzyl Alcohol	6.90	79	420714	33.44	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	748556	31.21	ng	# 86
17) 2-Methylphenol	7.01	107	364210	32.17	ng	# 92
18) Hexachloroethane	7.25	117	187059	33.47	ng	# 90
19) n-Nitroso-di-n-propylamine	7.16	70	328729	32.47	ng	# 68
20) 3+4-Methylphenols	7.17	107	492386	37.00	ng	# 88
22) Acetophenone	7.16	105	662579	35.60	ng	# 97
24) Nitrobenzene	7.33	77	522272	37.03	ng	# 99
25) Isophorone	7.57	82	887465	33.37	ng	# 99
26) 2-Nitrophenol	7.65	139	267076	41.60	ng	# 93
27) 2,4-Dimethylphenol	7.70	122	474480	36.51	ng	# 94
28) bis(2-Chloroethoxy)methane	7.79	93	561376	34.55	ng	# 99
29) 2,4-Dichlorophenol	7.89	162	376229	34.76	ng	# 96
30) 1,2,4-Trichlorobenzene	7.97	180	401214	35.90	ng	# 97
31) Naphthalene	8.05	128	1292421	36.80	ng	# 99
32) Benzoic acid	7.82	122	269927	34.34	ng	# 93
33) 4-Chloroaniline	8.11	127	147640	9.17	ng	# 92
34) Hexachlorobutadiene	8.18	225	244014	37.99	ng	# 99
35) Caprolactam	8.48	113	86451	23.69	ng	# 53
36) 4-Chloro-3-methylphenol	8.60	107	436206	35.98	ng	# 93
37) 2-Methylnaphthalene	8.75	142	946773	37.56	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	370271	32.90	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	386777	56.93	ng	# 97

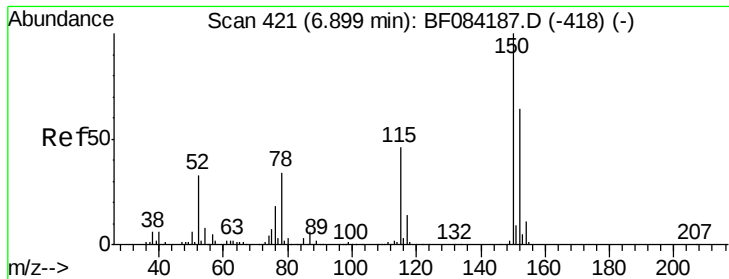
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	263873	31.34	ng	98
43) 2,4,5-Trichlorophenol	9.07	196	280758	34.78	ng	# 83
45) 1,1'-Biphenyl	9.21	154	1054180	33.88	ng	98
46) 2-Chloronaphthalene	9.23	162	804243	32.91	ng	97
47) 2-Nitroaniline	9.33	65	267857	33.21	ng	97
48) Acenaphthylene	9.65	152	1340364	37.12	ng	99
49) Dimethylphthalate	9.52	163	988041	35.30	ng	# 89
50) 2,6-Dinitrotoluene	9.58	165	227037	36.99	ng	92
51) Acenaphthene	9.82	154	907358	37.46	ng	98
52) 3-Nitroaniline	9.74	138	104283	13.71	ng	93
53) 2,4-Dinitrophenol	9.86	184	257233	97.56	ng	93
54) Dibenzofuran	10.00	168	1219914	38.46	ng	96
55) 4-Nitrophenol	9.93	139	377602	68.39	ng	# 82
56) 2,4-Dinitrotoluene	9.98	165	314254	40.45	ng	92
57) Fluorene	10.34	166	970008	39.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	225501	32.72	ng	91
59) Diethylphthalate	10.22	149	1049321	38.03	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	401272	37.97	ng	92
61) 4-Nitroaniline	10.36	138	229374	33.83	ng	95
62) Azobenzene	10.49	77	1040032	34.36	ng	88
64) 4,6-Dinitro-2-methylphenol	10.38	198	153026	35.29	ng	# 44
65) n-Nitrosodiphenylamine	10.45	169	845449	37.14	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	276121	36.03	ng	# 85
67) Hexachlorobenzene	10.88	284	298834	34.65	ng	# 73
68) Atrazine	10.98	200	232575	31.22	ng	98
69) Pentachlorophenol	11.08	266	313243	70.04	ng	98
70) Phenanthrene	11.30	178	1437624	38.60	ng	98
71) Anthracene	11.35	178	1393923	38.18	ng	99
72) Carbazole	11.51	167	1284085	35.98	ng	99
73) Di-n-butylphthalate	11.85	149	1509347	38.23	ng	99
74) Fluoranthene	12.48	202	1313097	33.75	ng	99
76) Benzidine	12.60	184	287462	14.36	ng	98
77) Pyrene	12.71	202	1431339	32.68	ng	98
79) Butylbenzylphthalate	13.33	149	621951	32.81	ng	91
80) Benzo(a)anthracene	13.89	228	1204235	36.74	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	245712	21.48	ng	# 96
82) Chrysene	13.93	228	954373	30.30	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	825618	34.48	ng	99
84) Di-n-octyl phthalate	14.51	149	1403306	34.71	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.63	276	904315	36.22	ng	98
87) Benzo(b)fluoranthene	14.93	252	1859273	65.74	ng	99
88) Benzo(k)fluoranthene	14.93	252	1859738	80.40	ng	# 97
89) Benzo(a)pyrene	15.24	252	873078	36.39	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	746965	36.19	ng	97
91) Benzo(g,h,i)perylene	17.03	276	762053	35.65	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

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BNA_F

ClientSampleId :

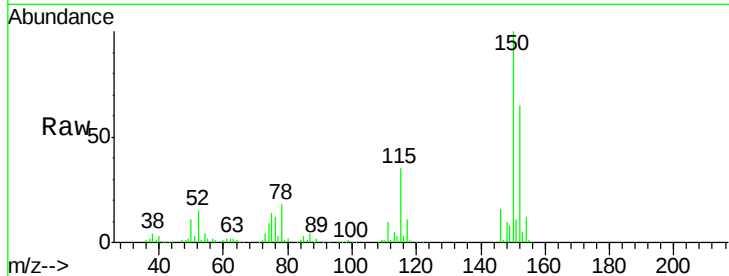
Tgt Ion:152 Resp: 192595

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

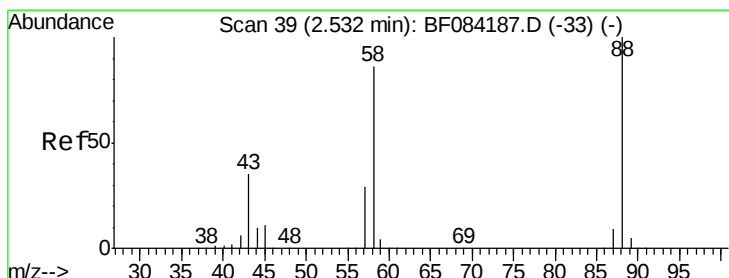
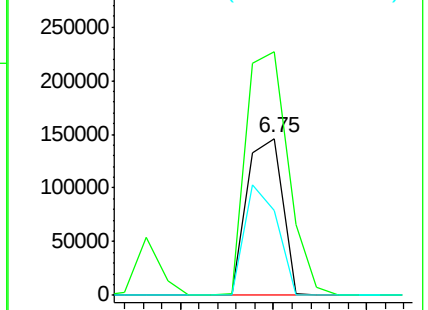
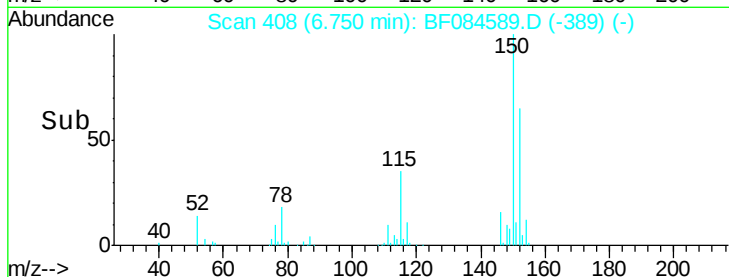
115 54.1 51.4 77.2



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: 29.70 ng

RT: 2.36 min Scan# 24

Delta R.T. -0.03 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

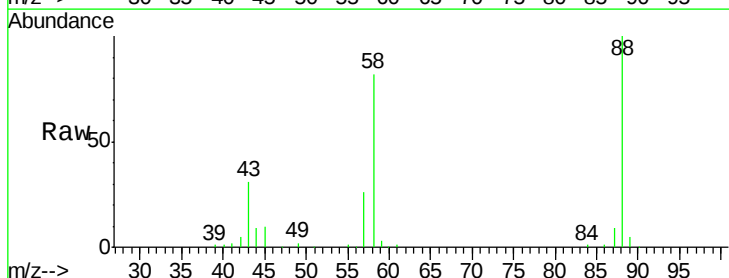
Tgt Ion: 88 Resp: 167513

Ion Ratio Lower Upper

88 100

58 85.2 51.2 76.8#

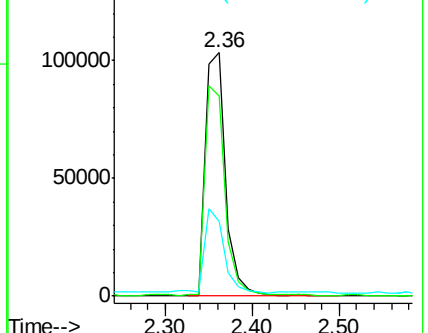
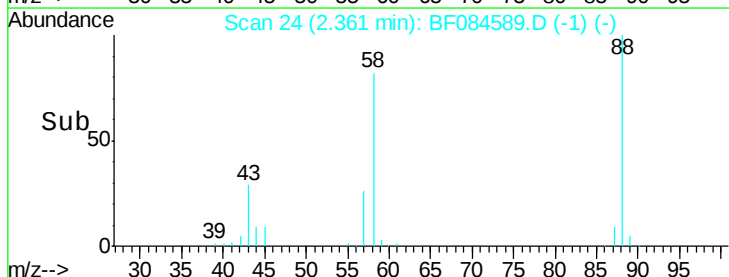
43 33.1 19.5 29.3#

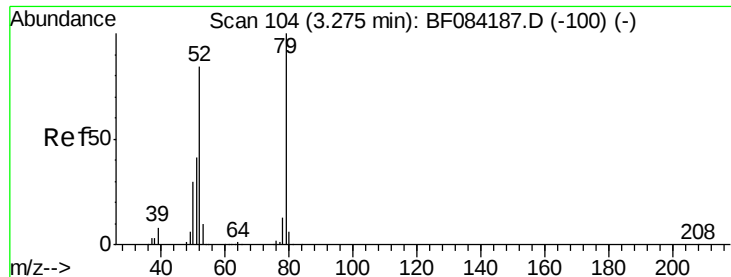


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.82 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

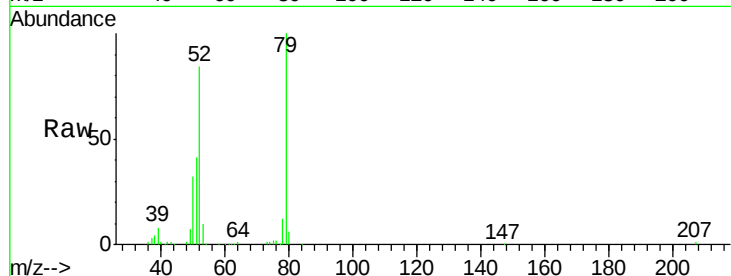
Tgt Ion: 79 Resp: 343113

Ion Ratio Lower Upper

79 100

52 84.4 49.0 73.4#

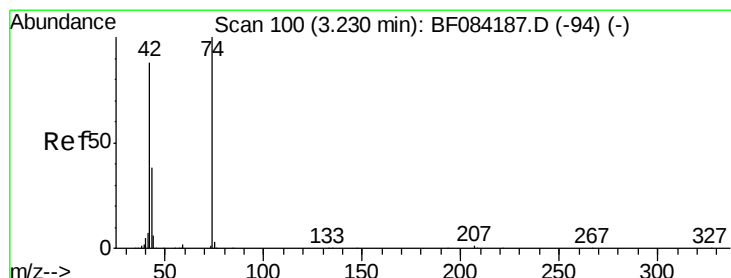
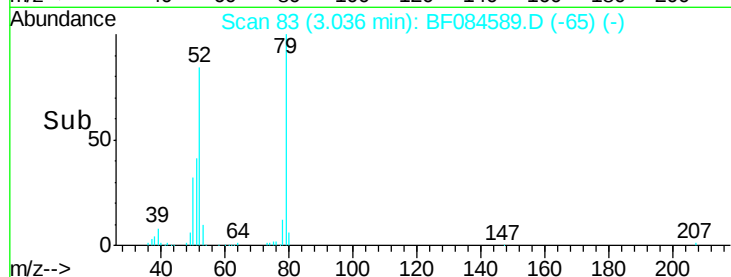
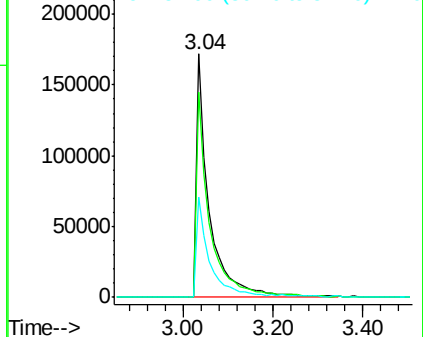
51 41.2 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 26.89 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

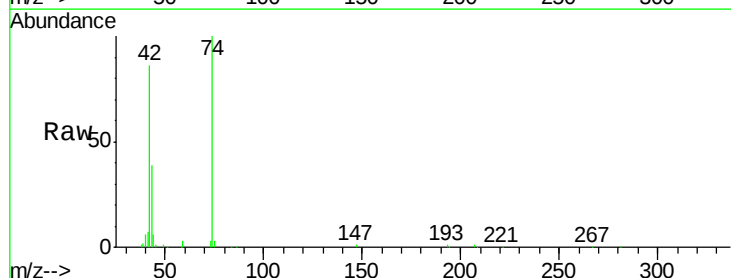
Tgt Ion: 42 Resp: 217049

Ion Ratio Lower Upper

42 100

74 116.8 115.7 173.5

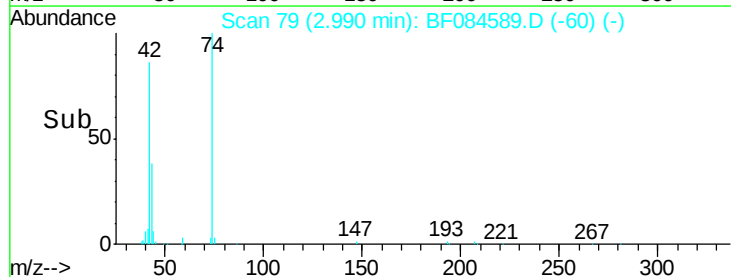
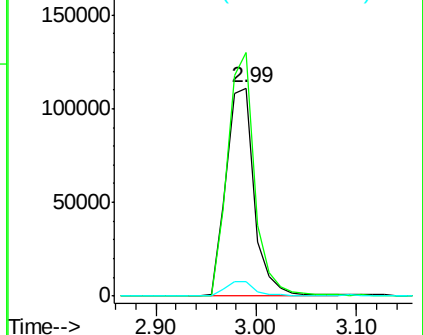
44 7.3 5.1 7.7

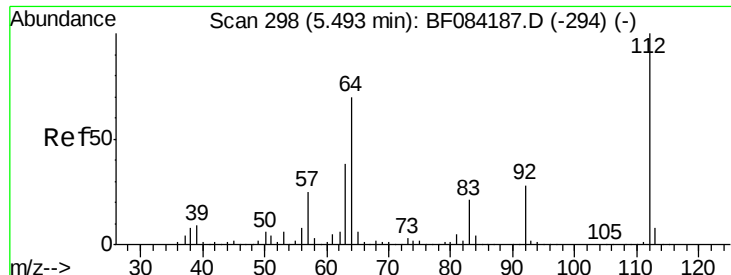


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.13 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

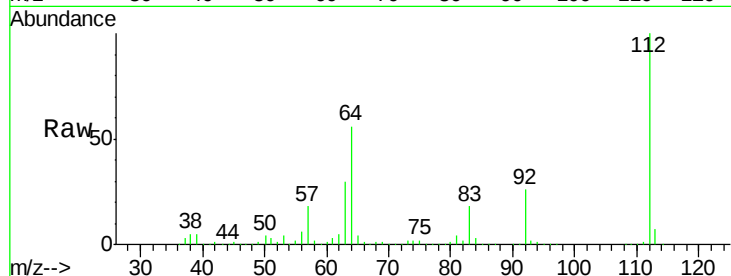
Tgt Ion: 112 Resp: 1347094

Ion Ratio Lower Upper

112 100

64 56.3 36.6 55.0#

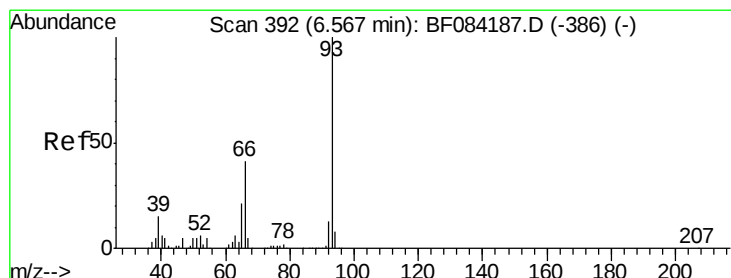
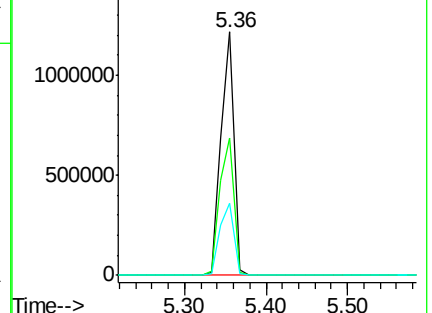
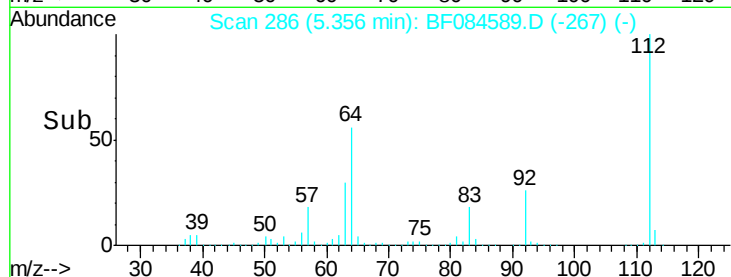
63 29.5 19.4 29.0#



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: 13.29 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

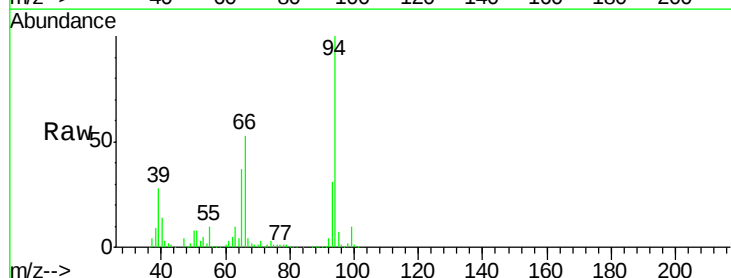
Tgt Ion: 93 Resp: 290652

Ion Ratio Lower Upper

93 100

66 171.4 44.9 67.3#

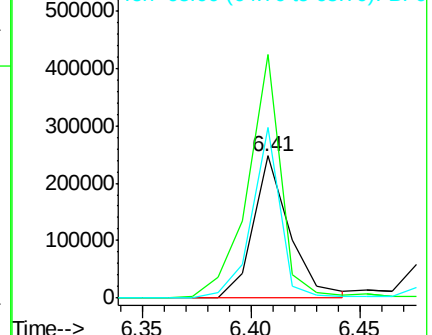
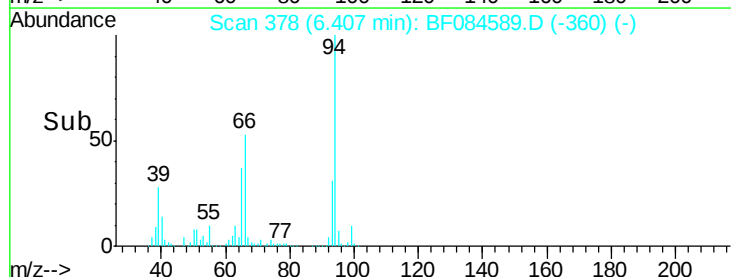
65 119.7 23.7 35.5#

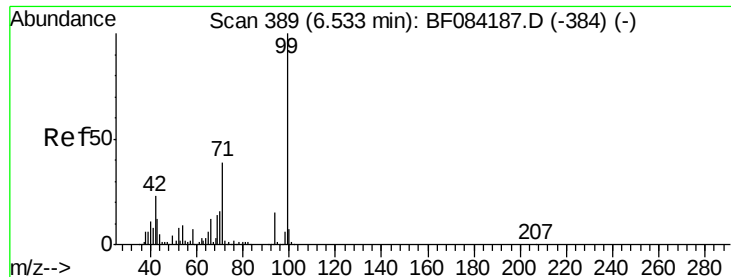


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.48 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

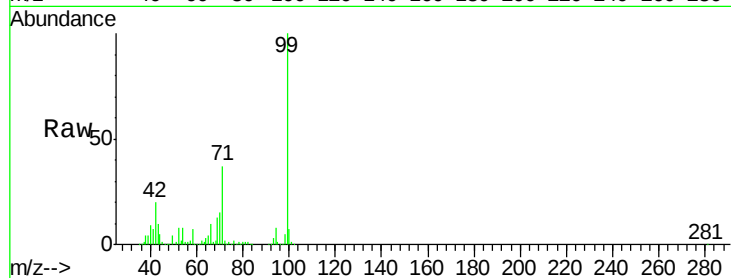
Tgt Ion: 99 Resp: 1532601

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

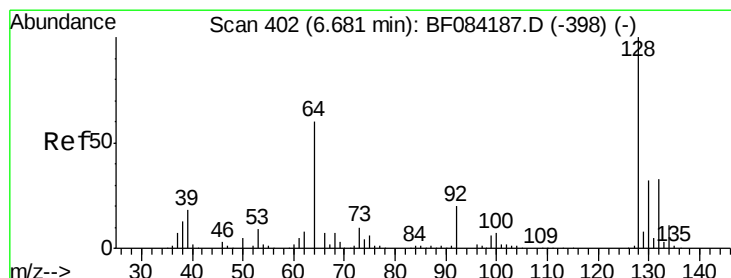
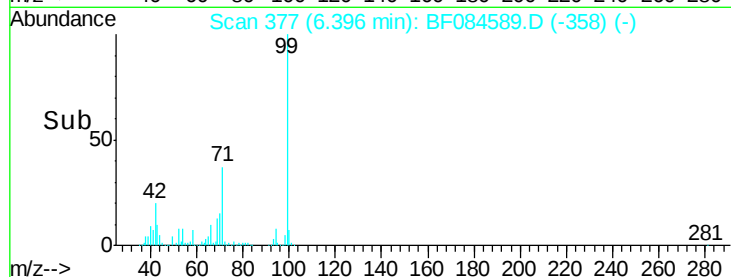
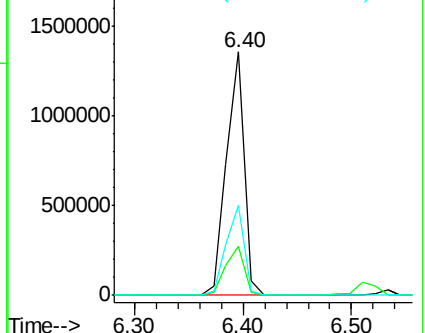
71 37.2 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.87 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

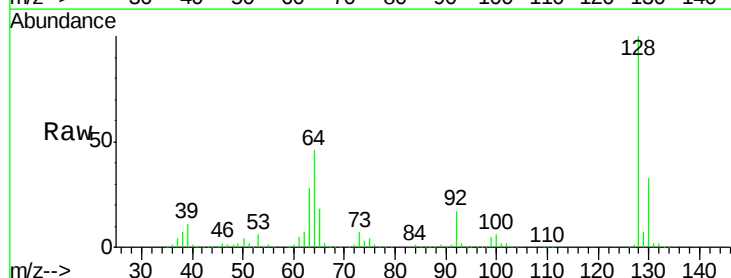
Tgt Ion: 128 Resp: 498061

Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

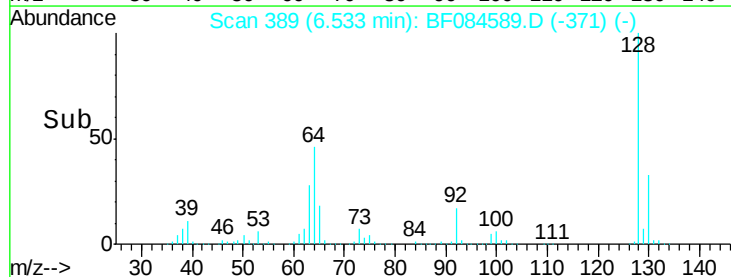
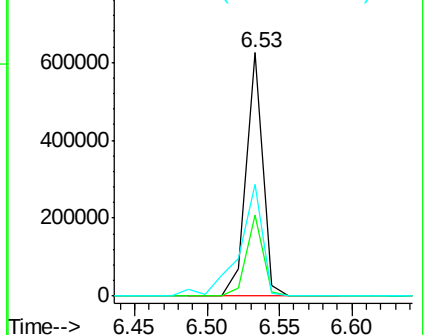
64 45.7 23.8 63.8

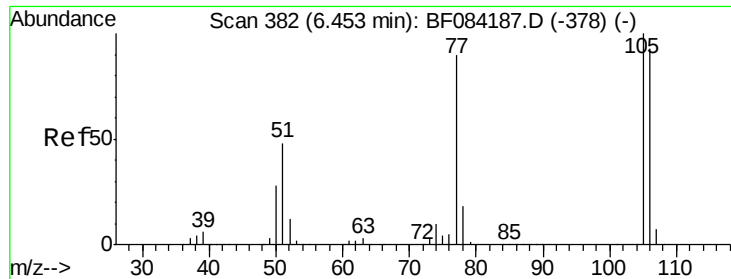


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

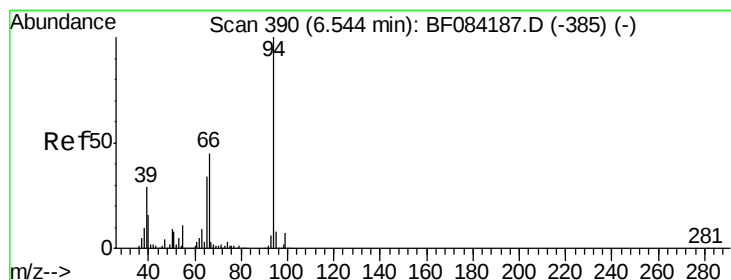
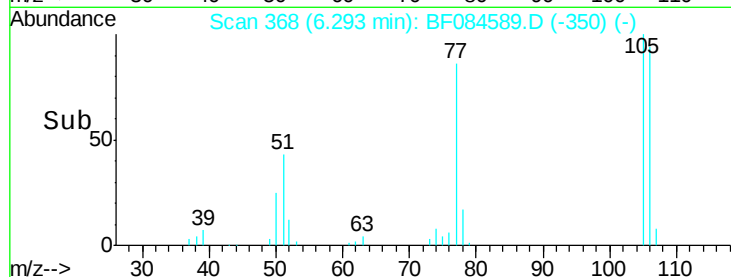
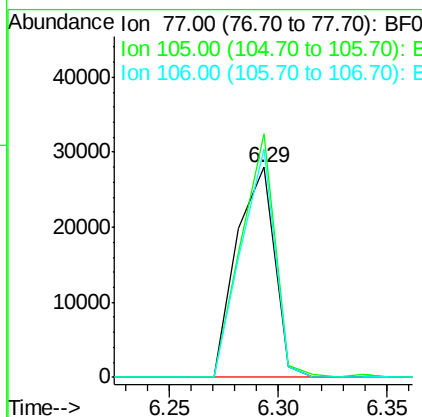
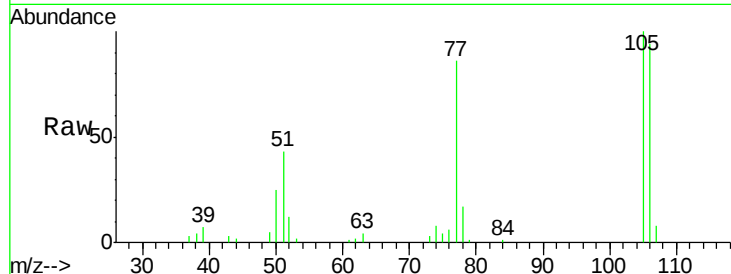




#9
Benzaldehyde
Concen: 3.47 ng
RT: 6.29 min Scan# 368
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

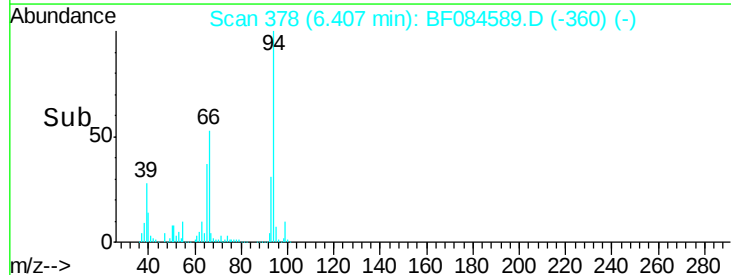
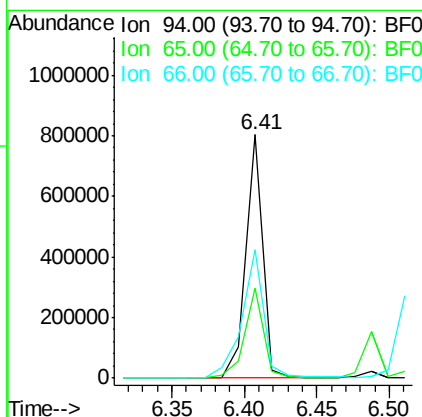
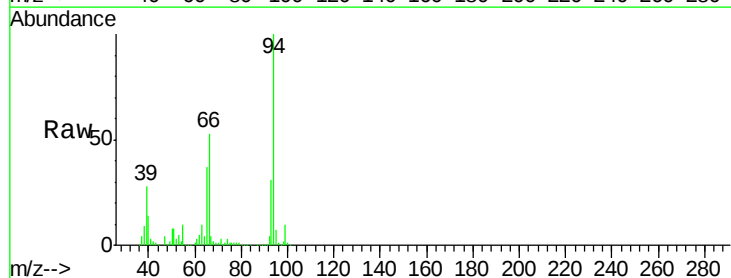
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 33820
Ion Ratio Lower Upper
77 100
105 115.9 83.0 123.0
106 108.7 74.6 114.6



#10
Phenol
Concen: 38.15 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion: 94 Resp: 648681
Ion Ratio Lower Upper
94 100
65 36.8 12.9 52.9
66 52.7 32.7 72.7

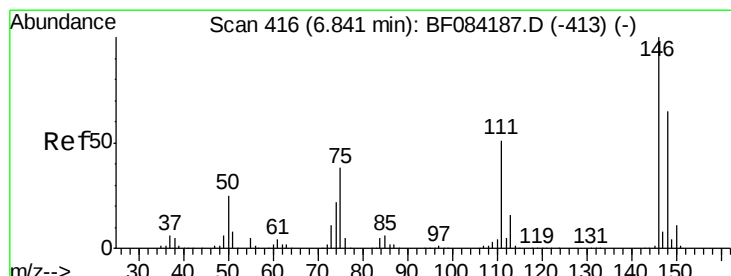
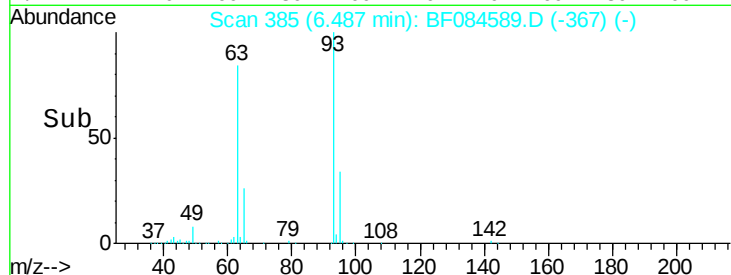
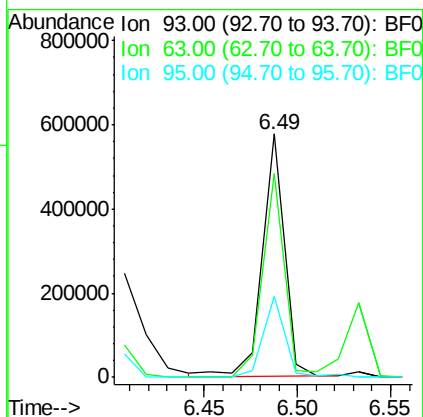
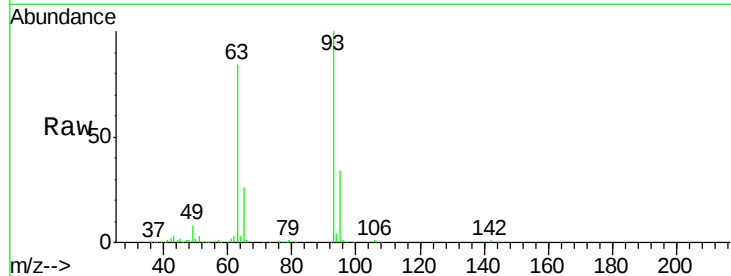




#11
bis(2-Chloroethyl)ether
Concen: 35.28 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

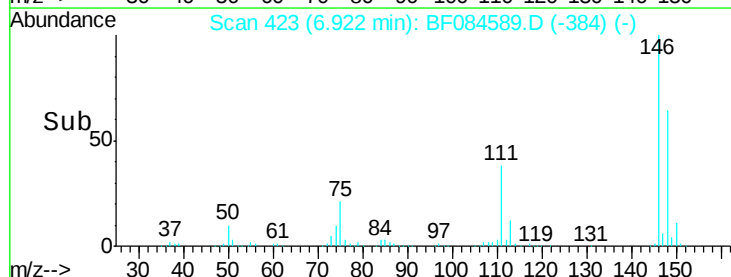
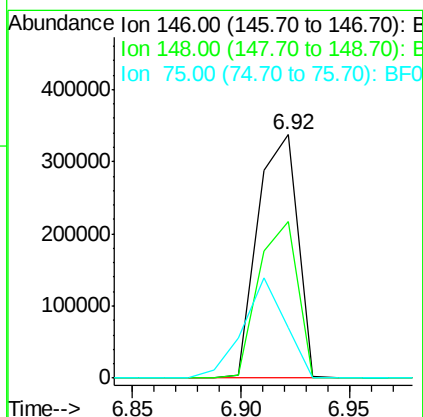
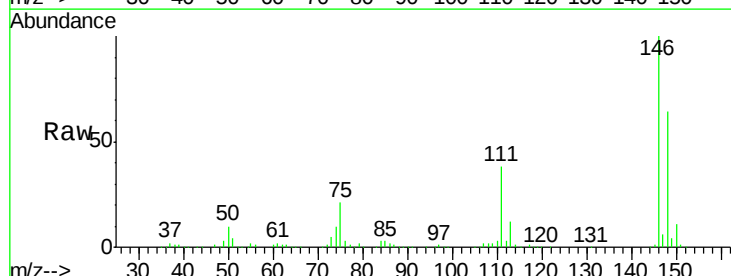
Instrument :
BNA_F
ClientSampleId :

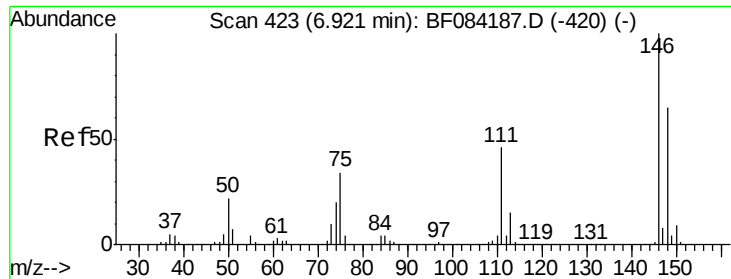
Tgt Ion: 93 Resp: 464725
Ion Ratio Lower Upper
93 100
63 84.0 45.9 85.9
95 33.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 31.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.15 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion: 146 Resp: 432061
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 20.6 20.5 30.7

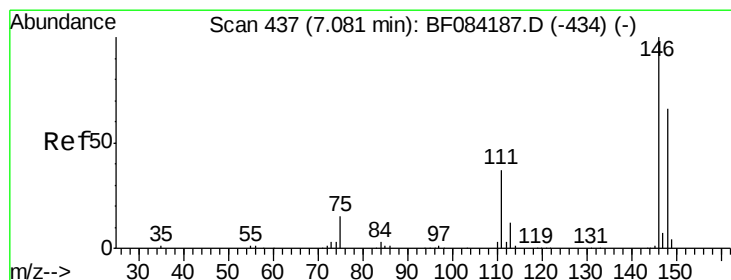
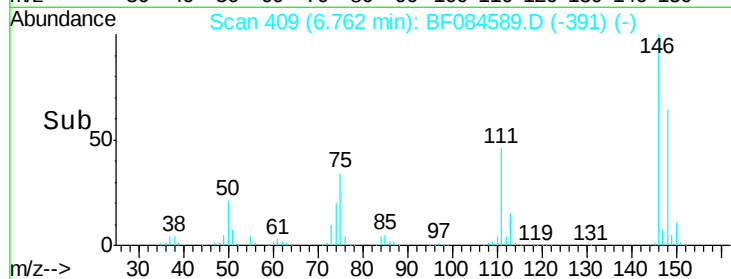
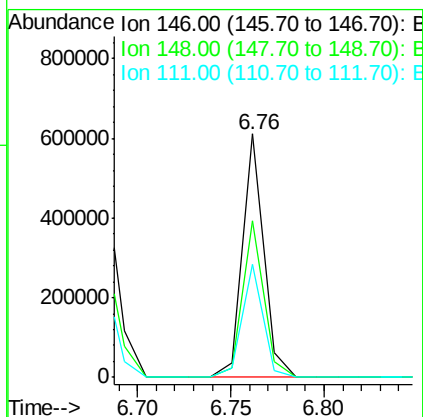
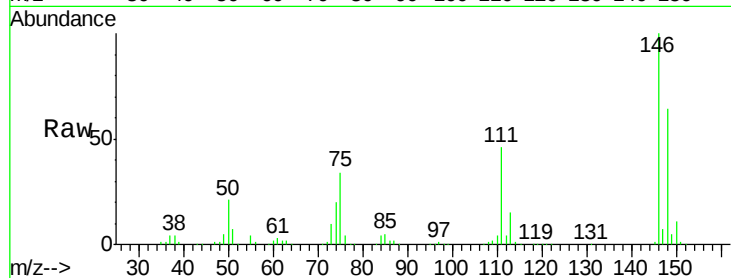




#13
 1,4-Dichlorobenzene
 Concen: 34.83 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

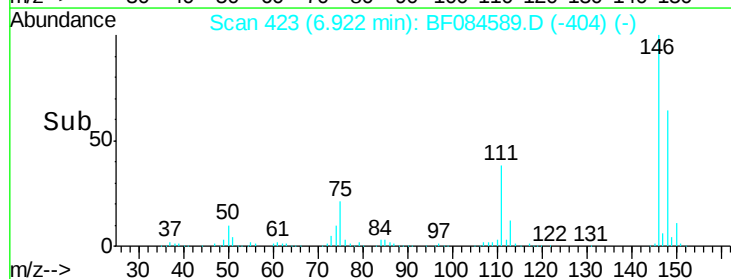
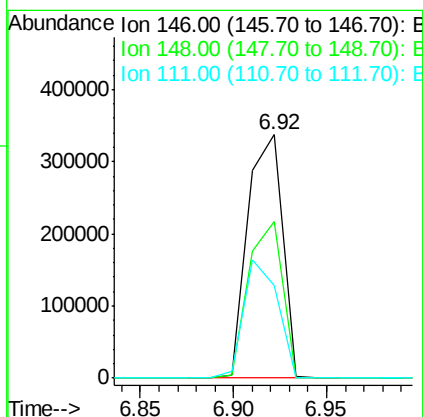
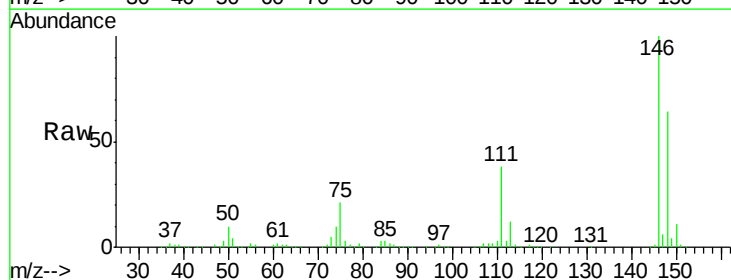
Instrument :
 BNA_F
 ClientSampleId :

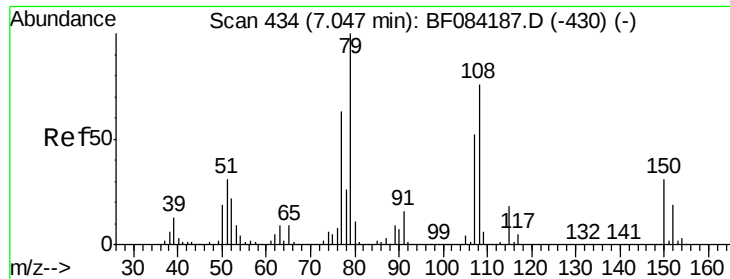
Tgt Ion:146 Resp: 486678
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 46.3 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 32.28 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.08 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion:146 Resp: 432076
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 38.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 33.44 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

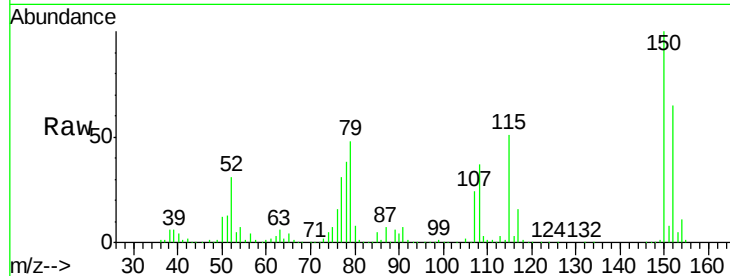
Tgt Ion: 79 Resp: 420714

Ion Ratio Lower Upper

79 100

108 76.6 69.0 103.4

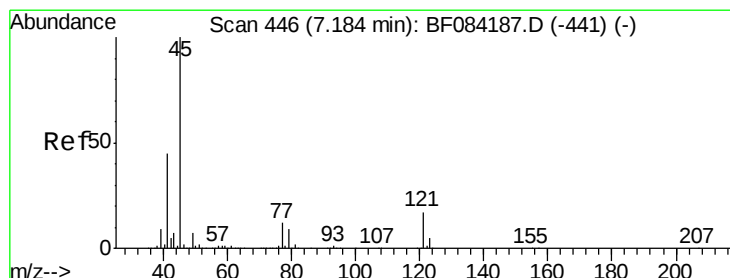
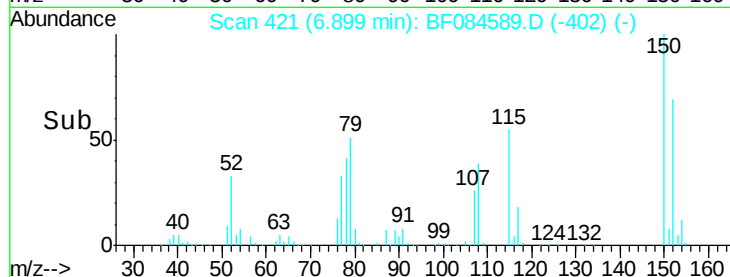
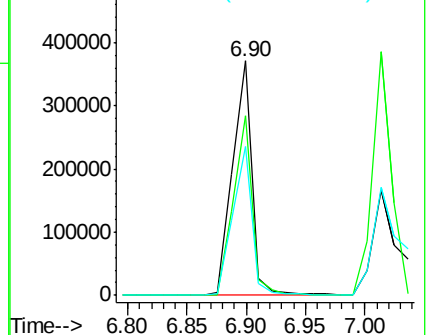
77 63.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.21 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

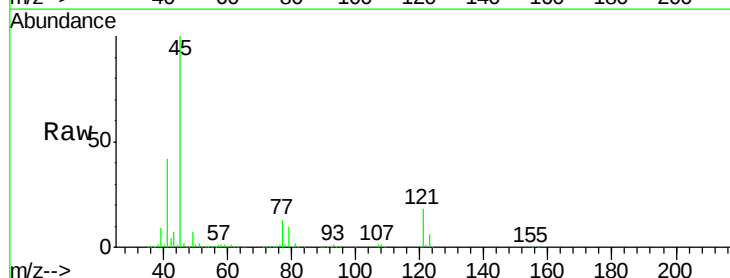
Tgt Ion: 45 Resp: 748556

Ion Ratio Lower Upper

45 100

77 12.7 0.0 39.6

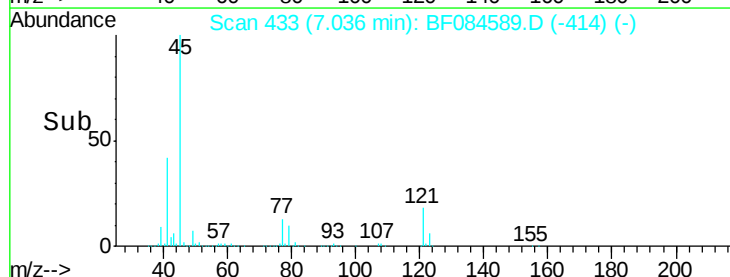
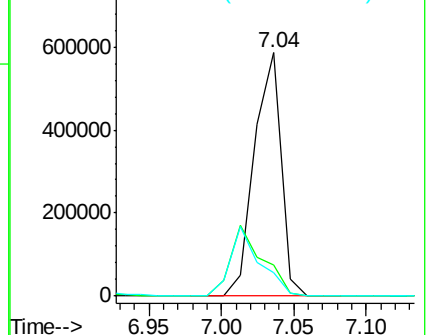
79 9.8 0.0 35.0

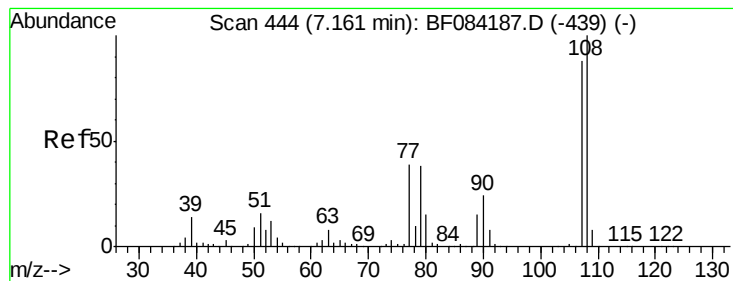


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.17 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:107 Resp: 364210

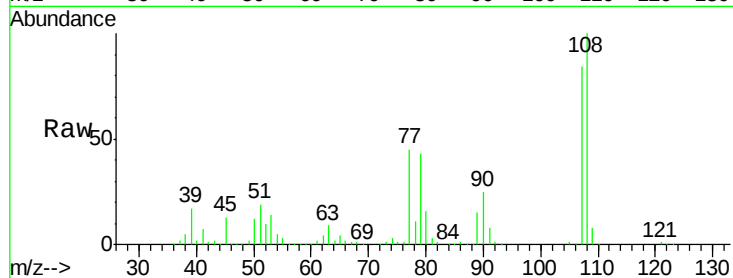
Ion Ratio Lower Upper

107 100

108 118.5 89.8 134.6

77 52.8 35.7 53.5

79 51.5 35.7 53.5

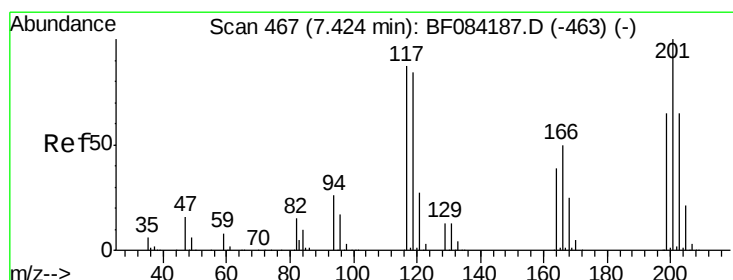
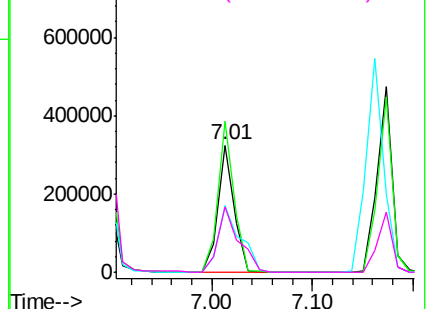
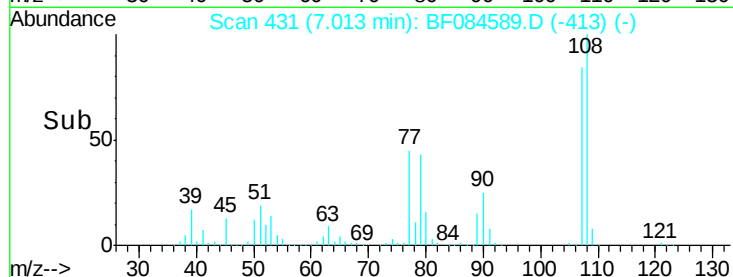


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.47 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

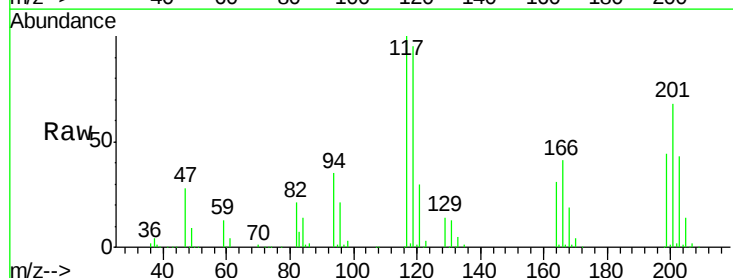
Tgt Ion:117 Resp: 187059

Ion Ratio Lower Upper

117 100

119 94.5 77.4 116.0

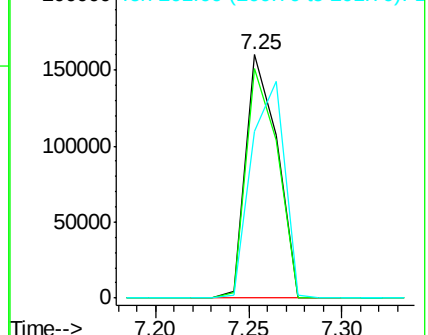
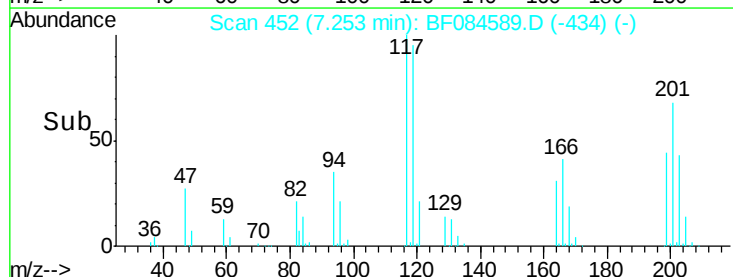
201 68.5 68.6 103.0#

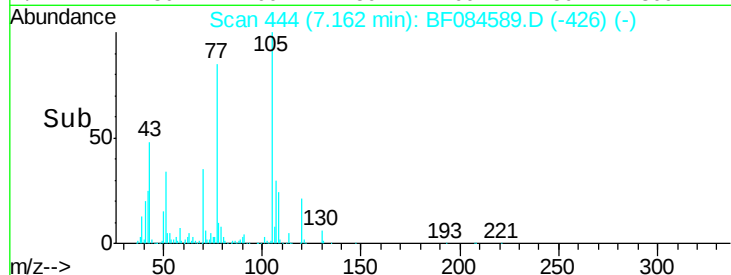
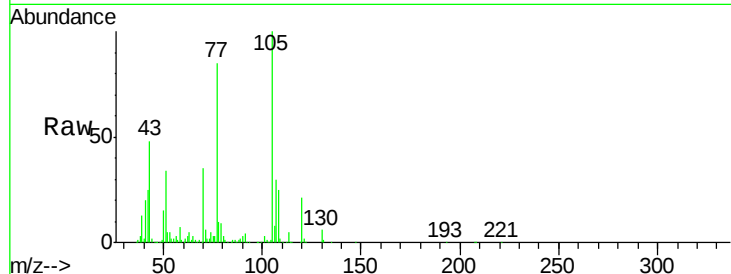
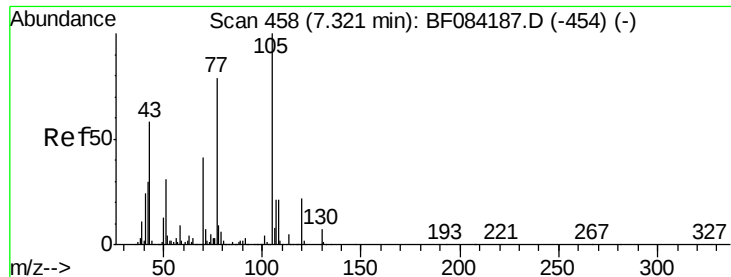


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

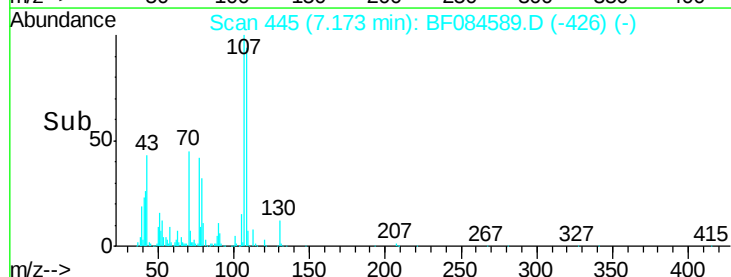
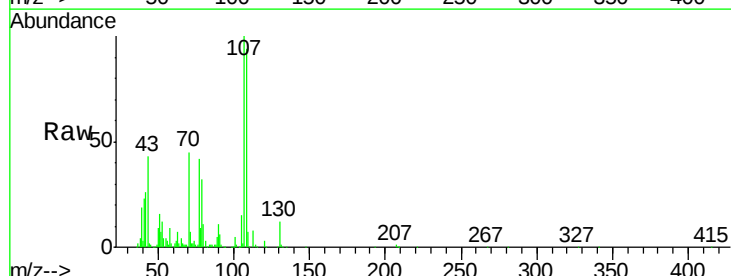
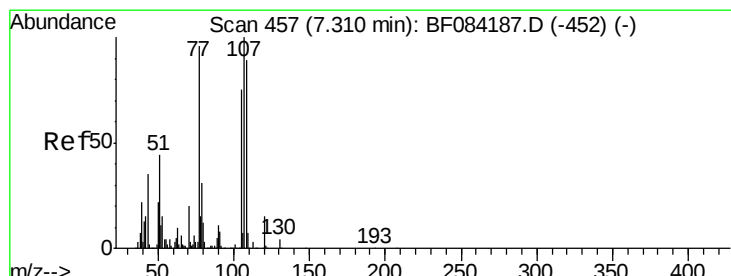
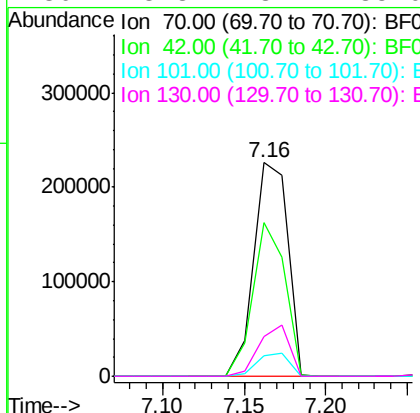




#19
n-Nitroso-di-n-propylamine
Concen: 32.47 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

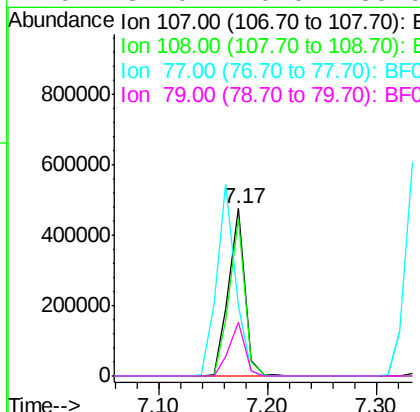
Instrument :
BNA_F
ClientSampleId :

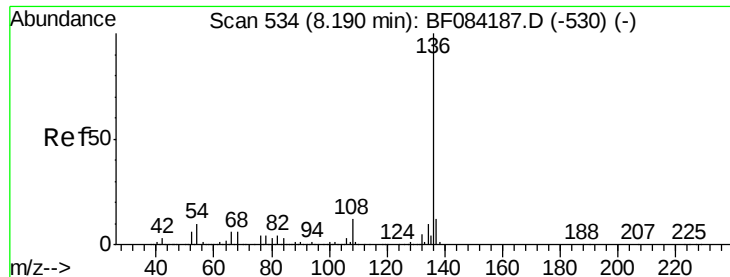
Tgt Ion: 70 Resp: 328729
Ion Ratio Lower Upper
70 100
42 71.7 33.3 49.9#
101 9.5 9.3 13.9
130 18.3 23.4 35.0#



#20
3+4-Methylphenols
Concen: 37.00 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion: 107 Resp: 492386
Ion Ratio Lower Upper
107 100
108 94.0 74.6 114.6
77 42.3 0.7 40.7#
79 32.0 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.09 min

Lab File: BF084589.D

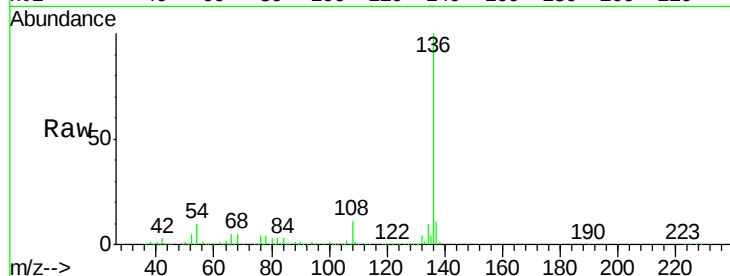
Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampled :

Tgt Ion:	136	Resp:	774023
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.7	5.8	8.8#
68	5.1	4.2	6.2

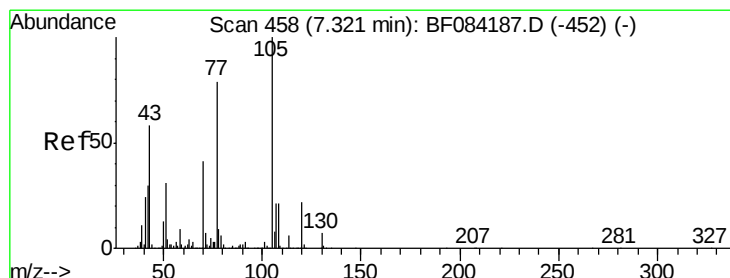
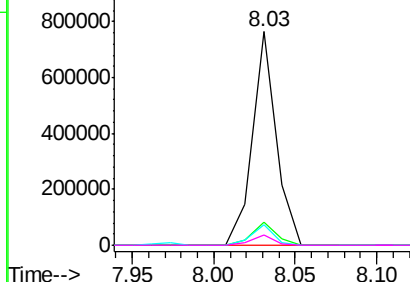
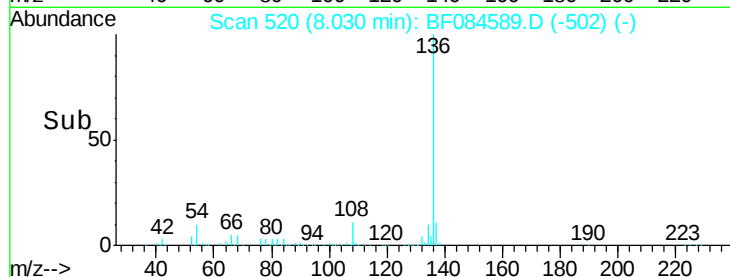


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.60 ng

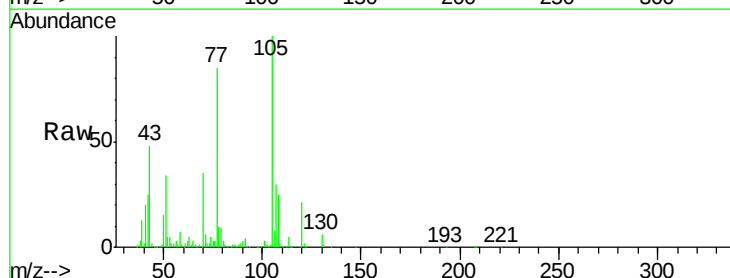
RT: 7.16 min Scan# 444

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Tgt Ion:	105	Resp:	662579
Ion	Ratio	Lower	Upper
105	100		
71	5.9	3.7	5.5#
51	33.7	25.1	37.7
120	21.0	16.6	25.0

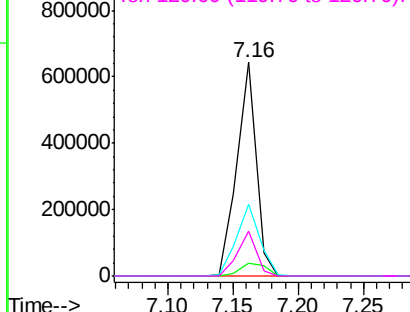
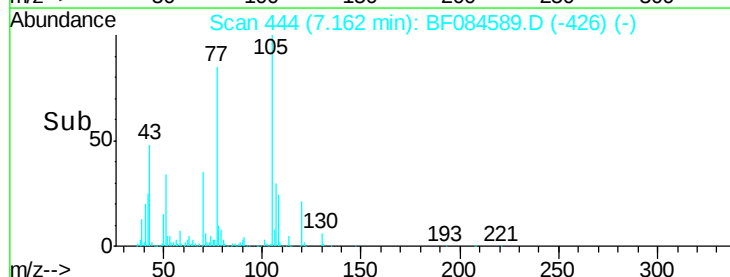


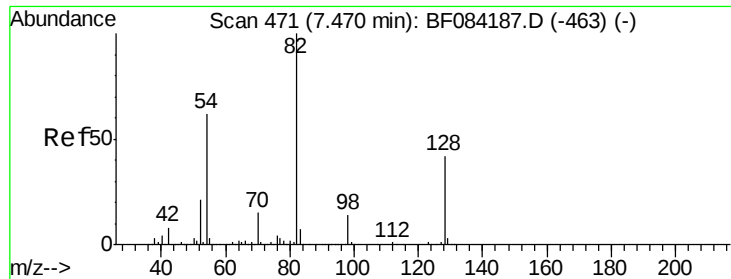
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

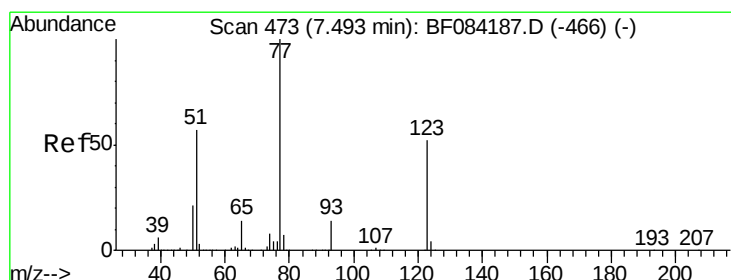
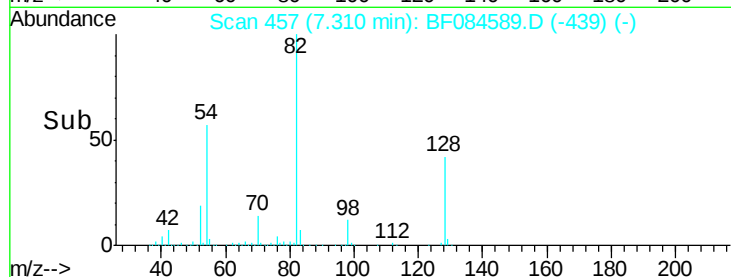
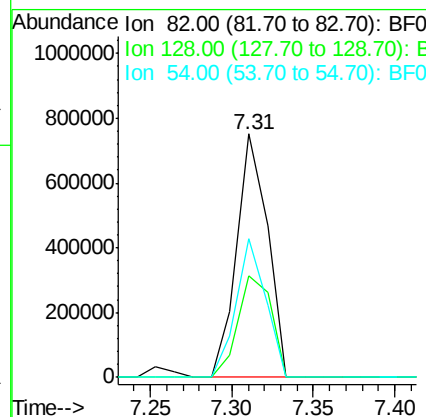
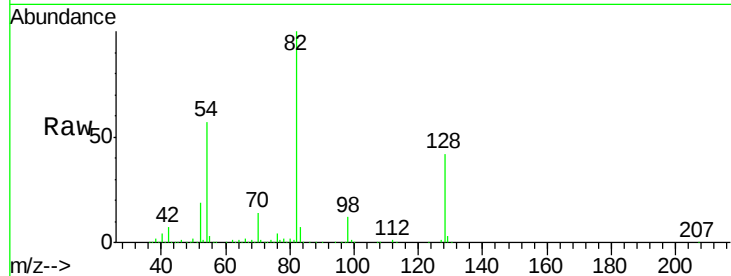




#23
 Nitrobenzene-d5
 Concen: 70.27 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

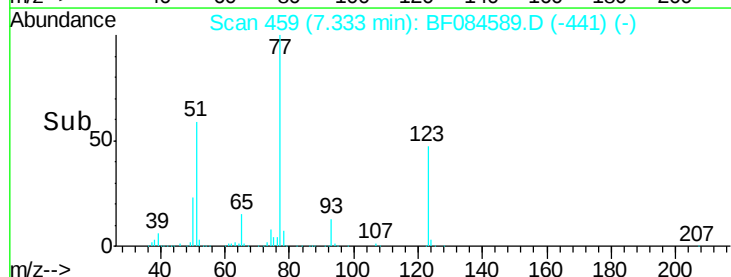
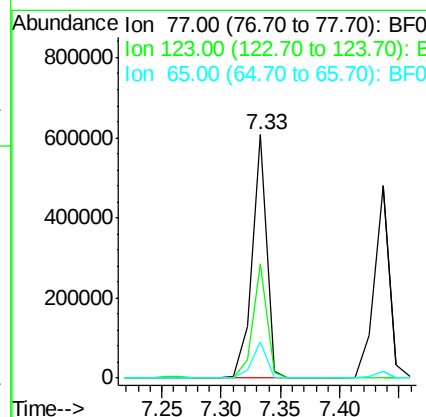
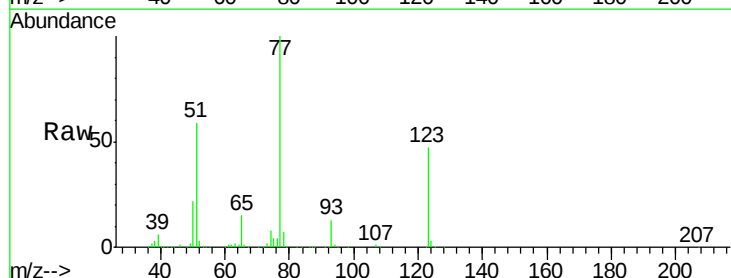
Instrument :
 BNA_F
 ClientSampleId :

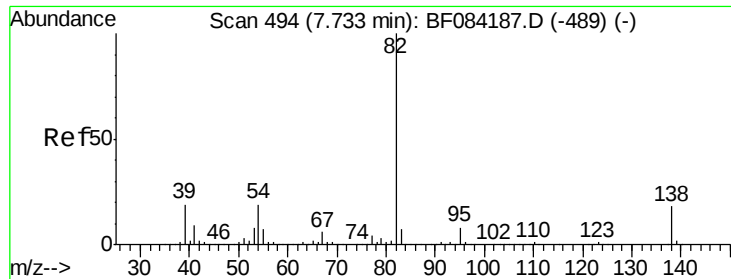
Tgt Ion: 82 Resp: 977255
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 51.8
 54 57.2 38.4 57.6



#24
 Nitrobenzene
 Concen: 37.03 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion: 77 Resp: 522272
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.4 56.2
 65 14.7 10.9 16.3





#25

Isophorone

Concen: 33.37 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

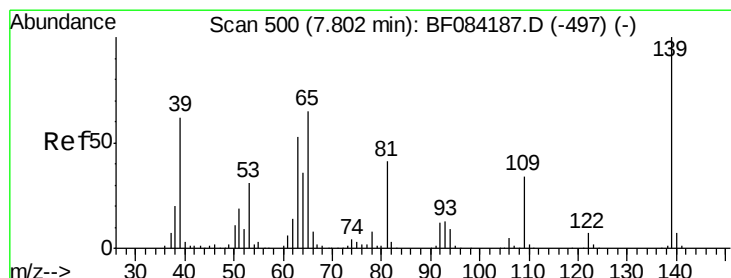
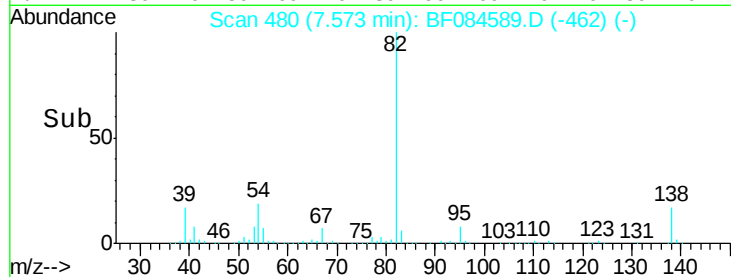
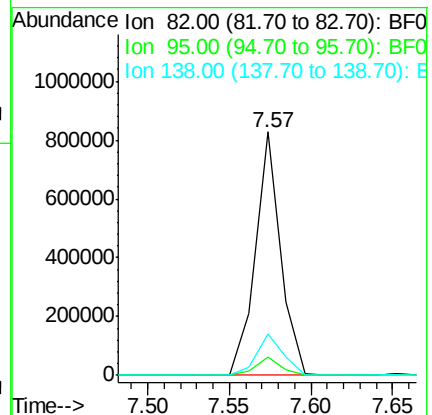
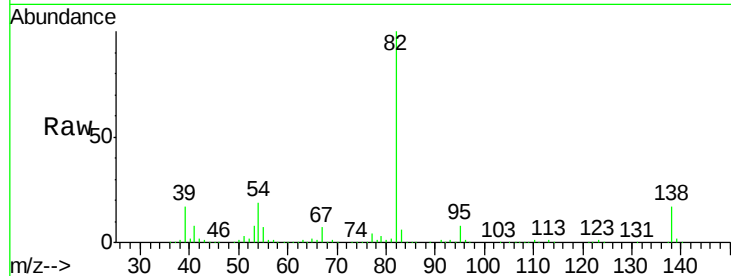
Tgt Ion: 82 Resp: 887465

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

138 16.8 13.6 20.4



#26

2-Nitrophenol

Concen: 41.60 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

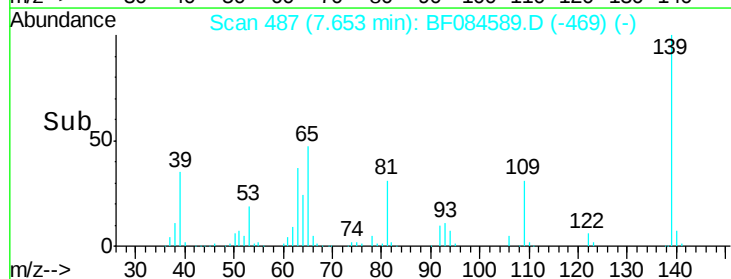
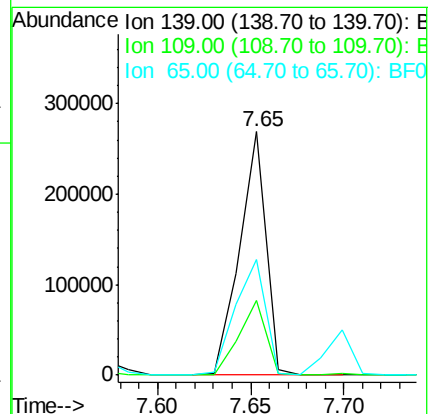
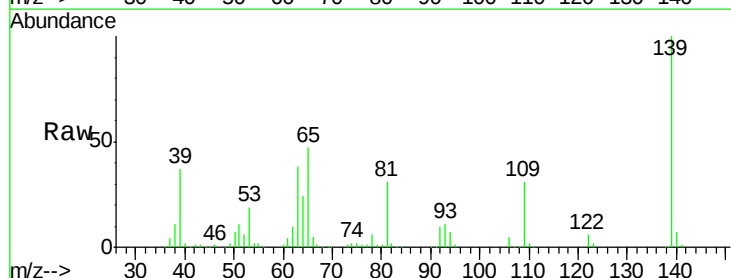
Tgt Ion: 139 Resp: 267076

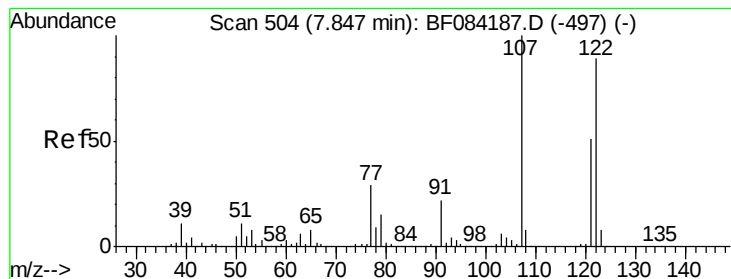
Ion Ratio Lower Upper

139 100

109 30.6 25.4 38.2

65 47.3 32.3 48.5





#27

2,4-Dimethylphenol

Concen: 36.51 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :
BNA_F
ClientSampleId :

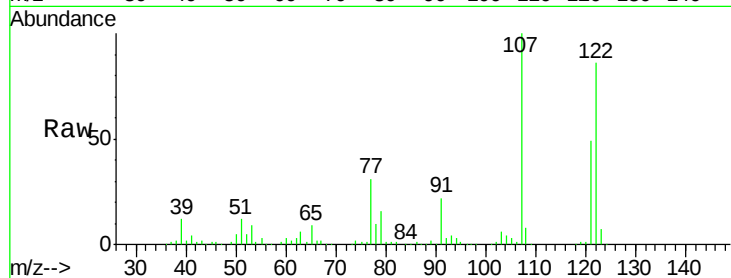
Tgt Ion:122 Resp: 474480

Ion Ratio Lower Upper

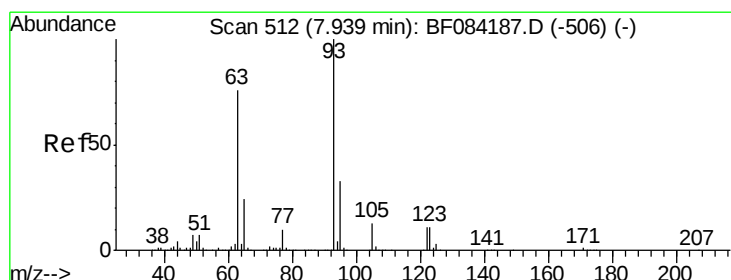
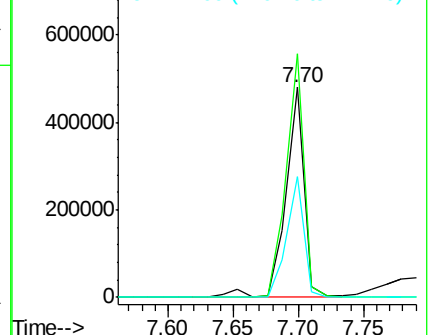
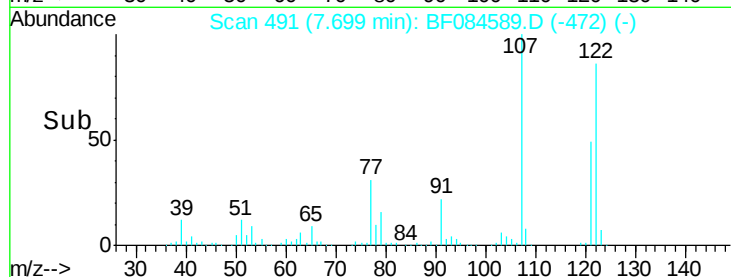
122 100

107 115.9 99.1 148.7

121 57.2 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: 34.55 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

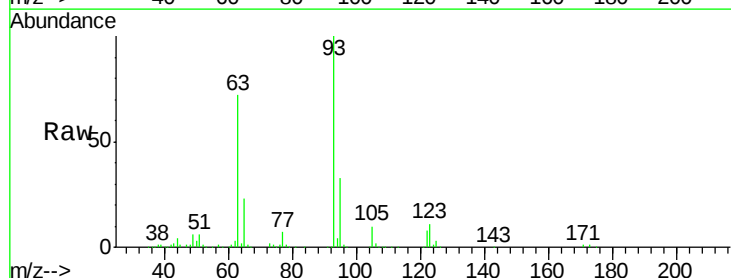
Tgt Ion: 93 Resp: 561376

Ion Ratio Lower Upper

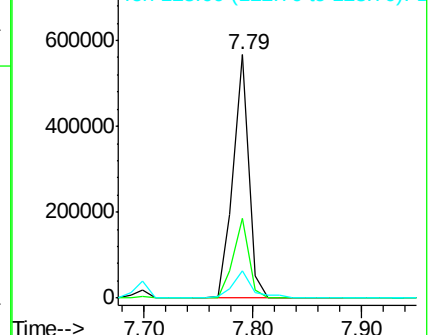
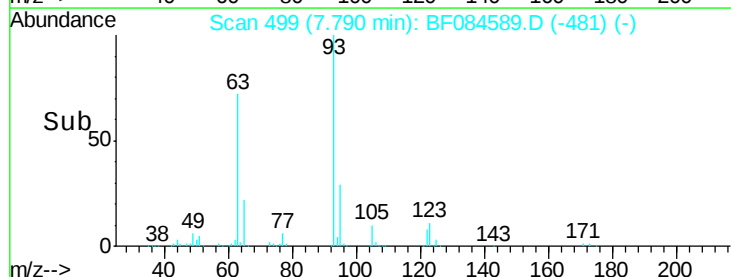
93 100

95 32.6 25.8 38.6

123 11.3 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

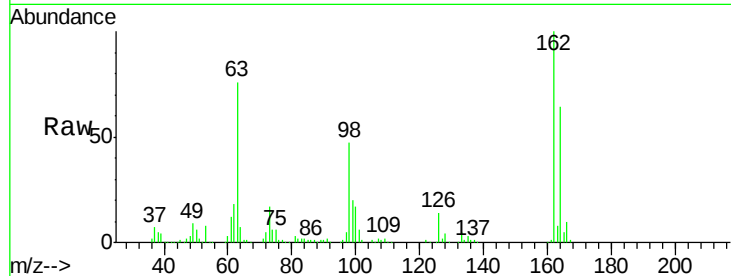




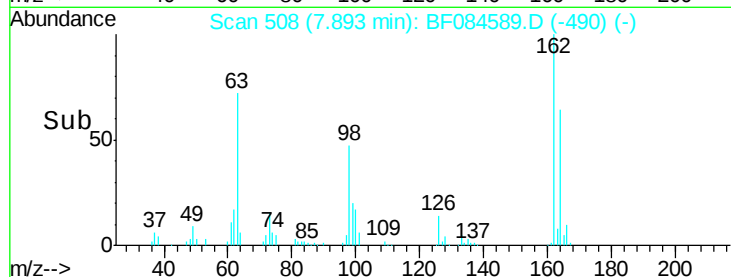
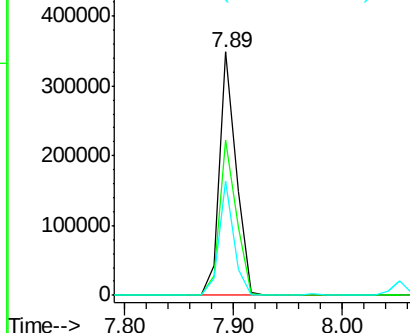
#29
2,4-Dichlorophenol
Concen: 34.76 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 376229
Ion Ratio Lower Upper
162 100
164 63.9 44.1 84.1
98 47.0 20.2 60.2

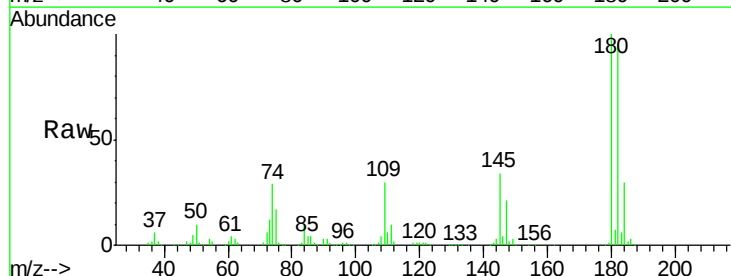


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

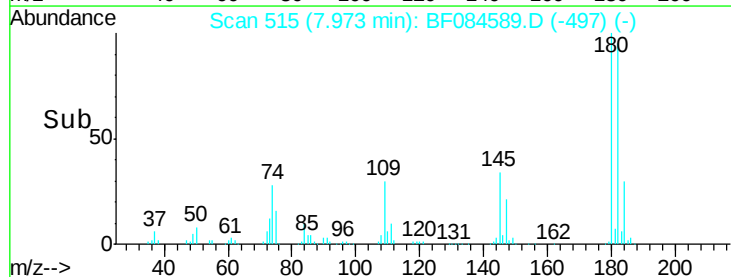
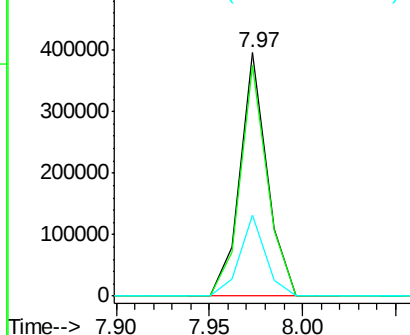


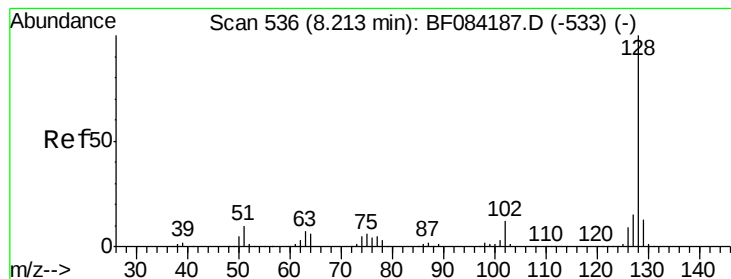
#30
1,2,4-Trichlorobenzene
Concen: 35.90 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:180 Resp: 401214
Ion Ratio Lower Upper
180 100
182 94.9 76.4 114.6
145 33.5 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: 36.80 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

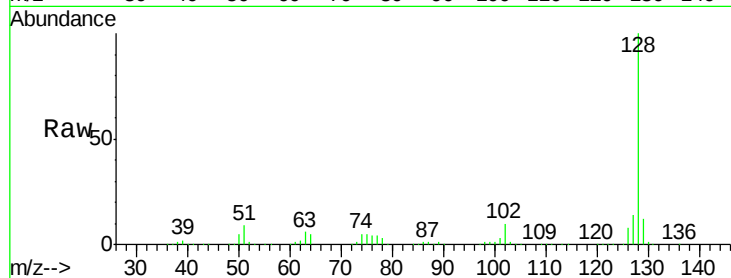
Tgt Ion:128 Resp: 1292421

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

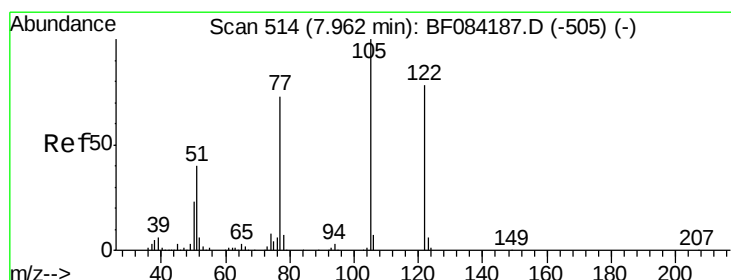
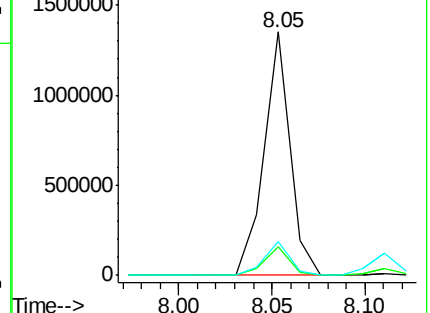
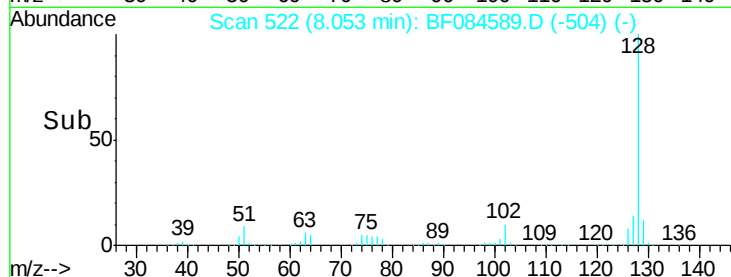
127 13.7 11.1 16.7



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: 34.34 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.07 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

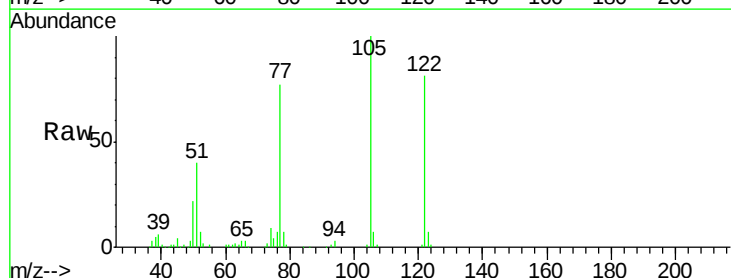
Tgt Ion:122 Resp: 269927

Ion Ratio Lower Upper

122 100

105 123.7 100.3 140.3

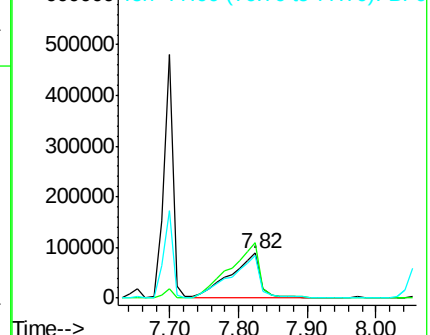
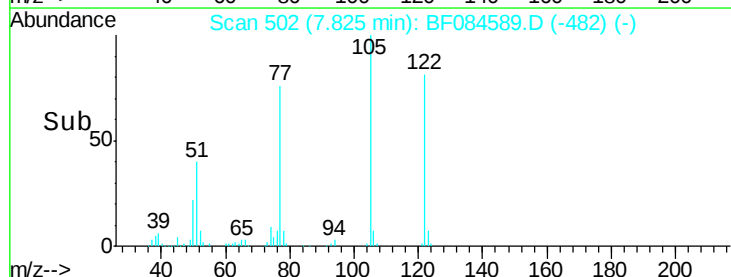
77 95.2 63.5 103.5



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

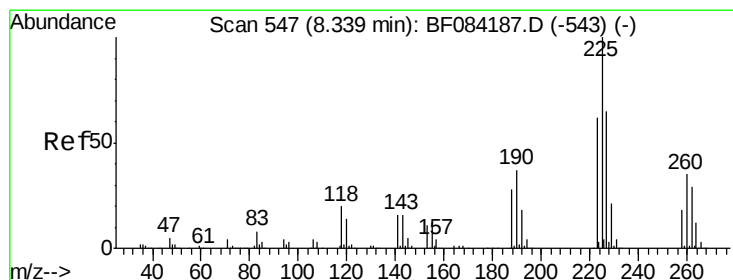
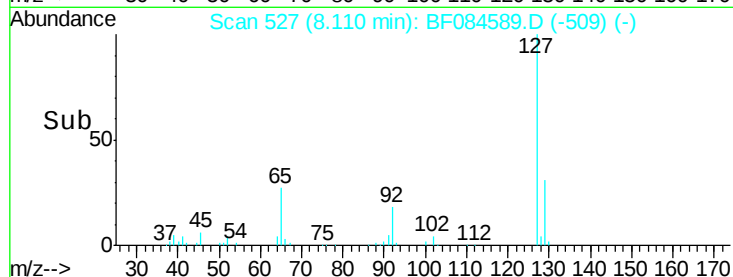
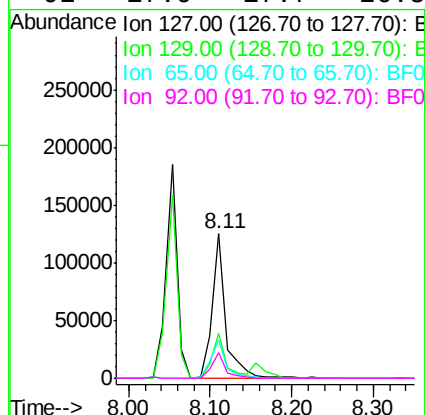
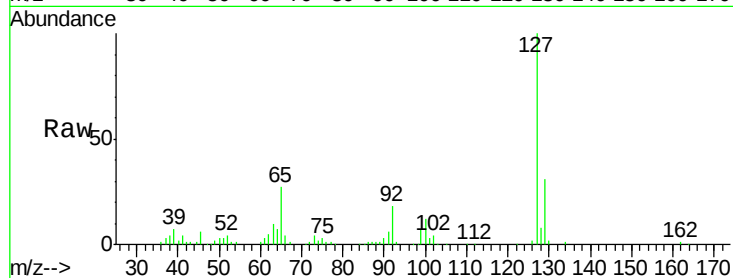




#33
4-Chloroaniline
Concen: 9.17 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

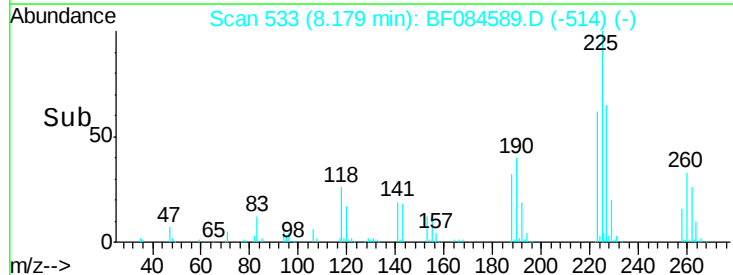
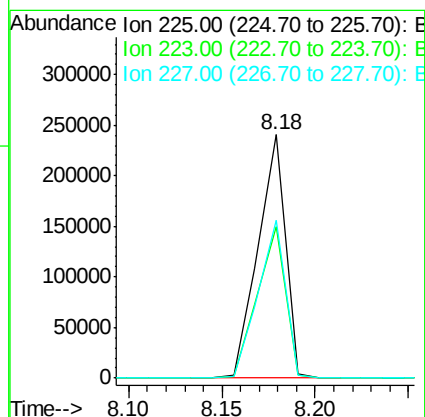
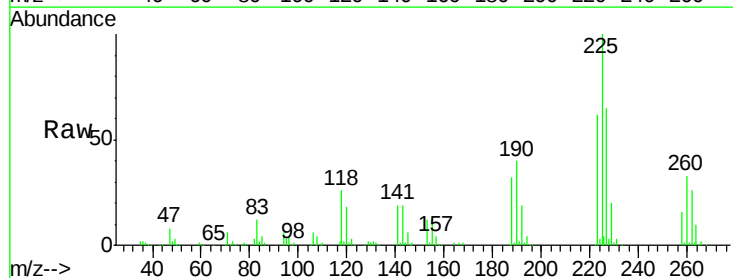
Instrument :
BNA_F
ClientSampleId :

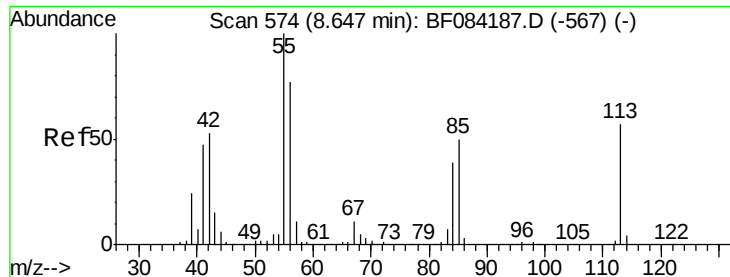
Tgt Ion:	127	Resp:	147640
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.5	39.7
65	26.8	27.2	40.8#
92	17.9	17.7	26.5



#34
Hexachlorobutadiene
Concen: 37.99 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:	225	Resp:	244014
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.0
227	64.6	50.8	76.2

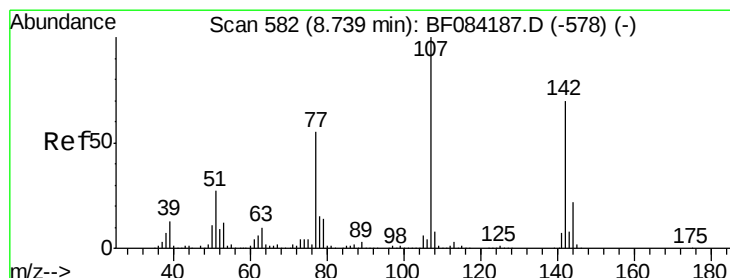
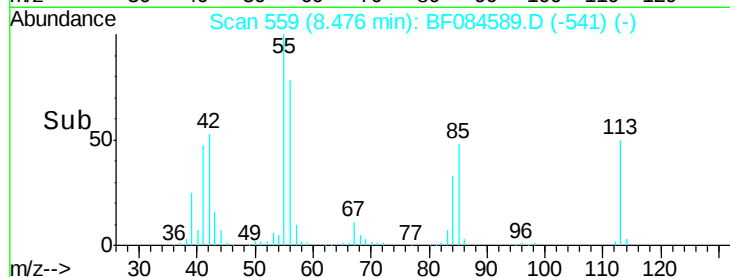
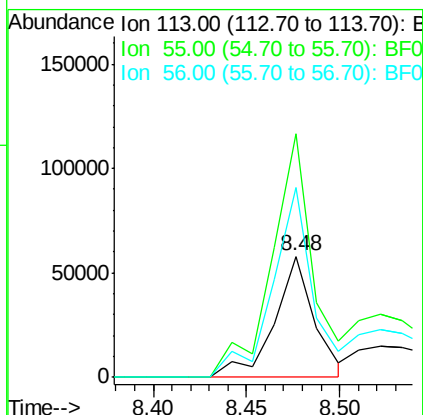
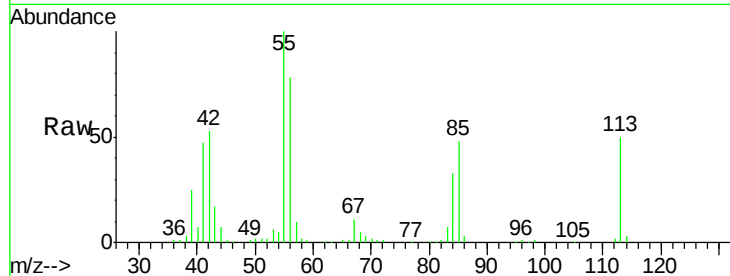




#35
 Caprolactam
 Concen: 23.69 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

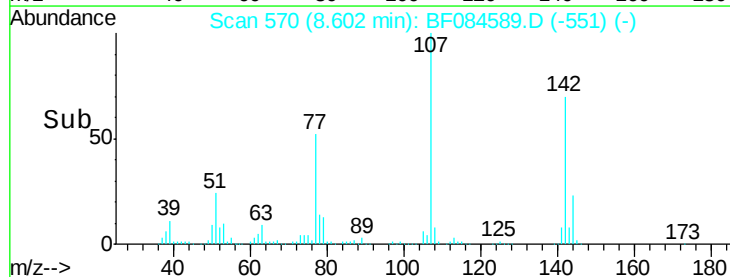
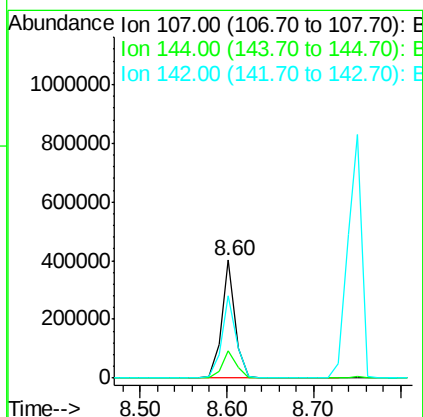
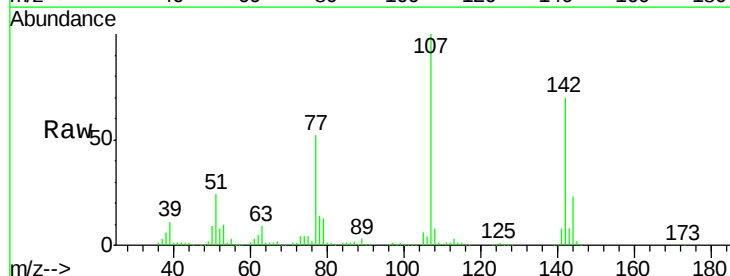
Instrument :
 BNA_F
 ClientSampleId :

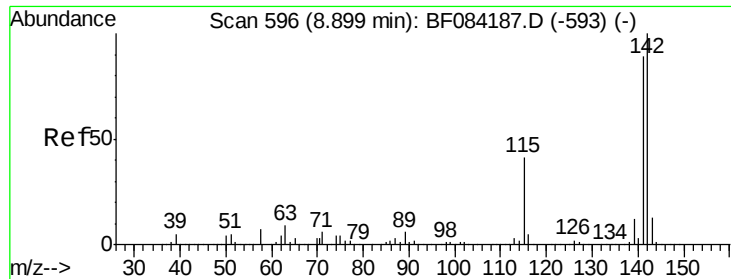
Tgt Ion:113 Resp: 86451
 Ion Ratio Lower Upper
 113 100
 55 200.8 116.9 156.9#
 56 156.3 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 35.98 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion:107 Resp: 436206
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.7 29.5
 142 69.6 61.8 92.6

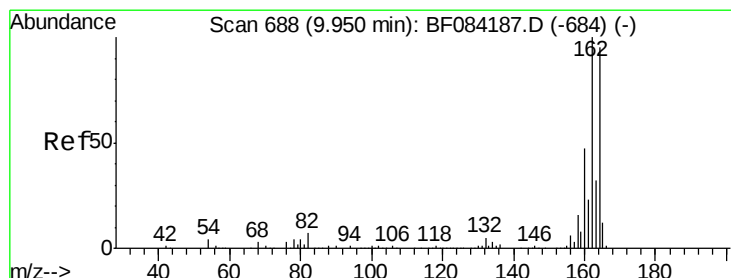
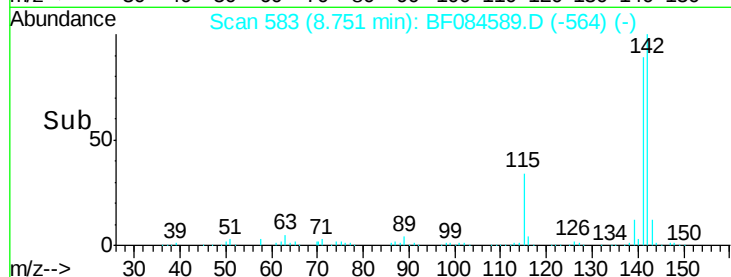
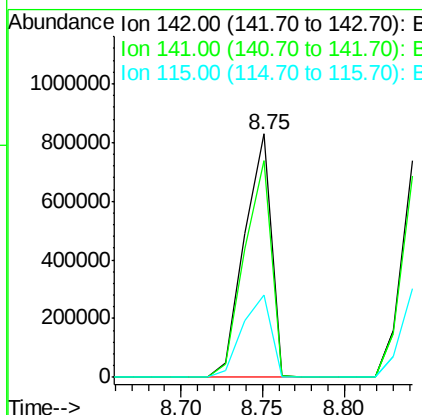
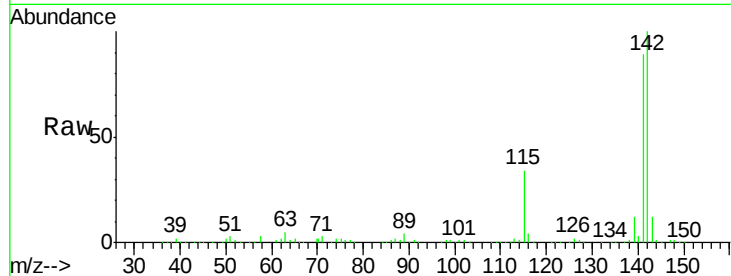




#37
2-Methylnaphthalene
Concen: 37.56 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

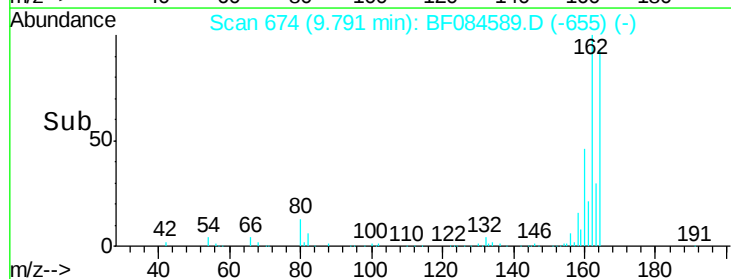
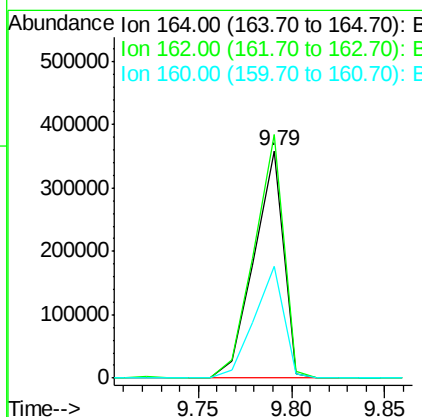
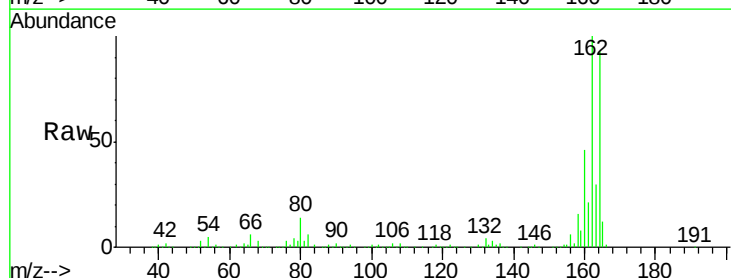
Instrument :
BNA_F
ClientSampleId :

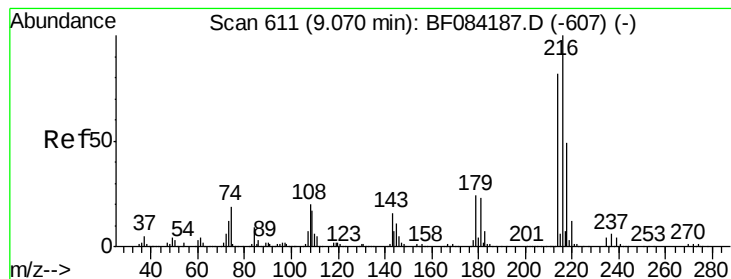
Tgt Ion:142 Resp: 946773
Ion Ratio Lower Upper
142 100
141 88.8 72.4 108.6
115 33.8 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:164 Resp: 391470
Ion Ratio Lower Upper
164 100
162 107.0 85.1 127.7
160 49.2 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.90 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 370271

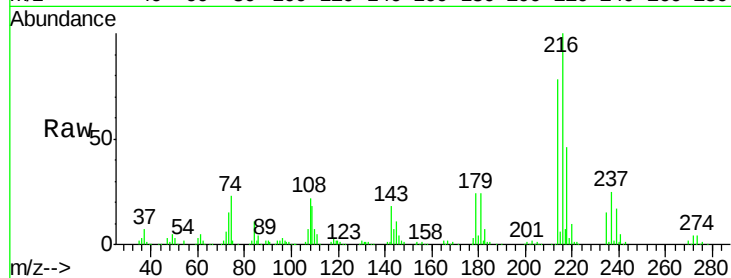
Ion Ratio Lower Upper

216 100

214 77.4 64.2 96.2

179 23.2 18.7 28.1

108 24.8 16.8 25.2

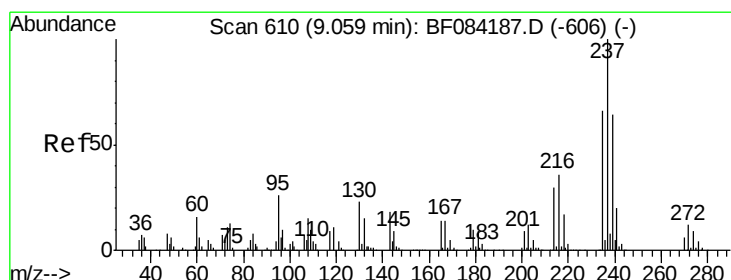
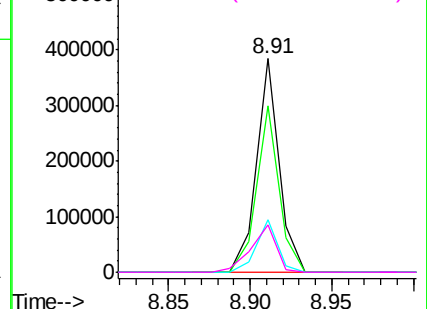
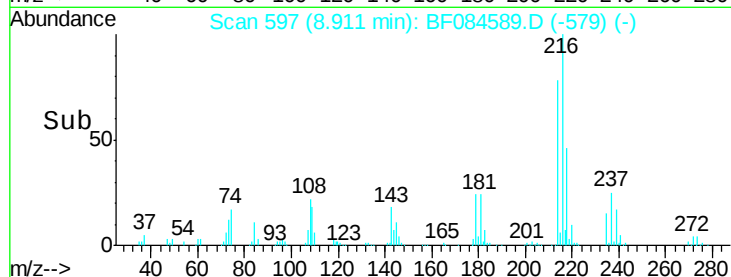


Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.93 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

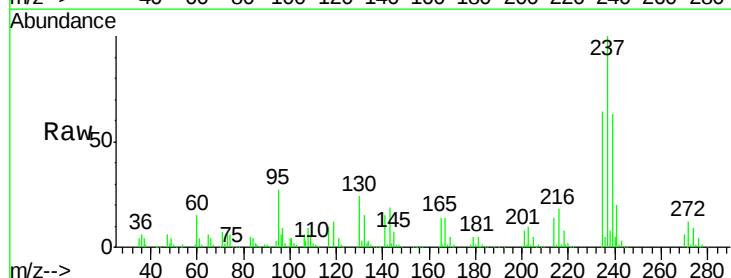
Tgt Ion:237 Resp: 386777

Ion Ratio Lower Upper

237 100

235 64.1 43.1 83.1

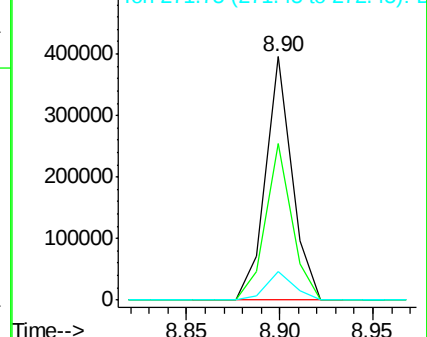
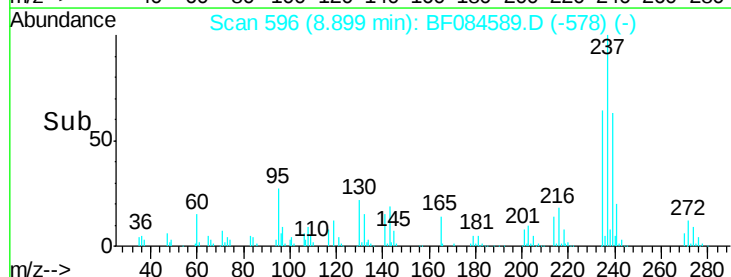
272 11.9 0.0 35.1

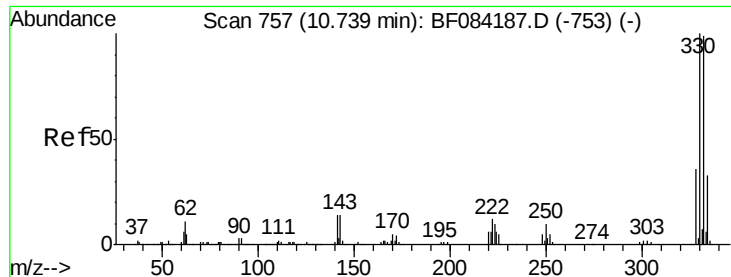


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

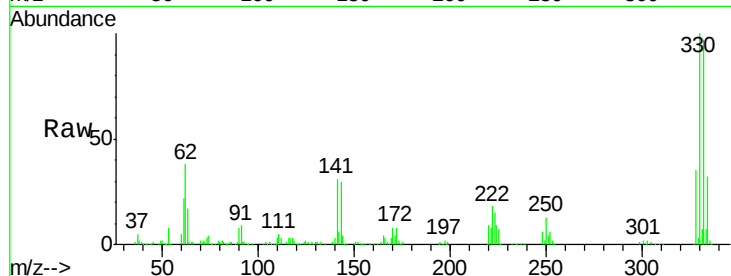




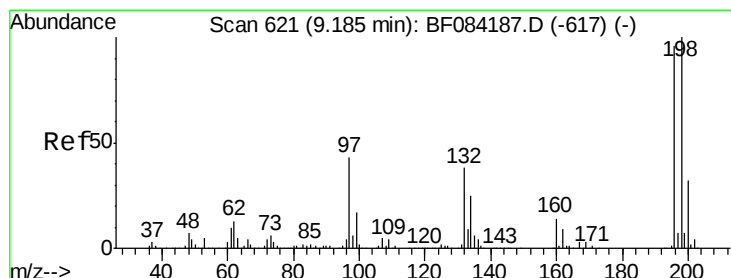
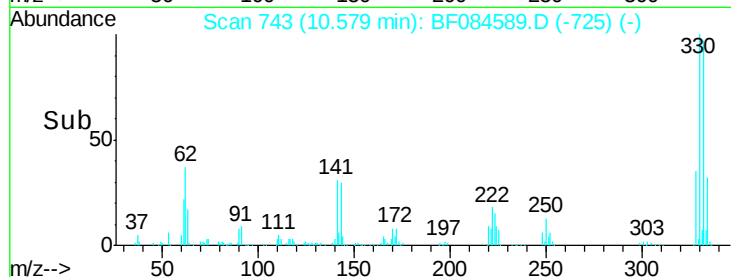
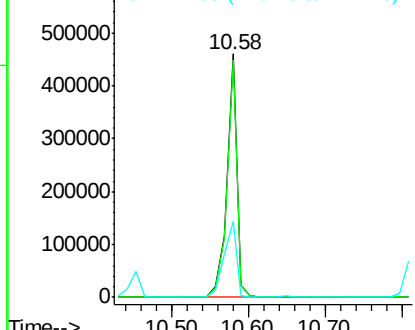
#41
 2,4,6-Tribromophenol
 Concen: 108.81 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 430038
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 38.8 27.8 41.6

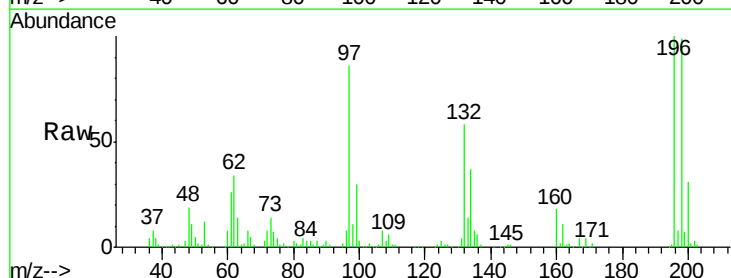


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

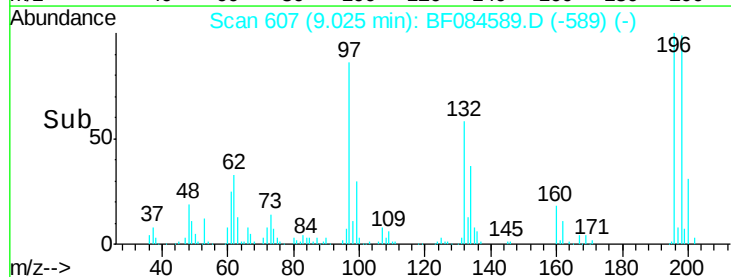
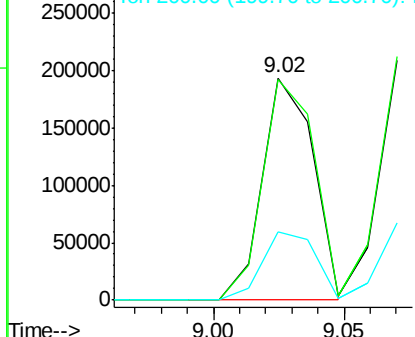


#42
 2,4,6-Trichlorophenol
 Concen: 31.34 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion:196 Resp: 263873
 Ion Ratio Lower Upper
 196 100
 198 99.4 77.7 116.5
 200 31.0 24.6 37.0



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

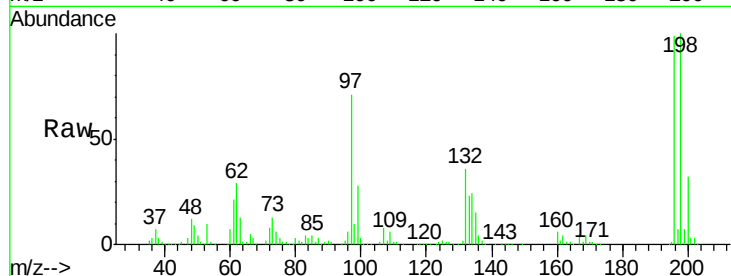




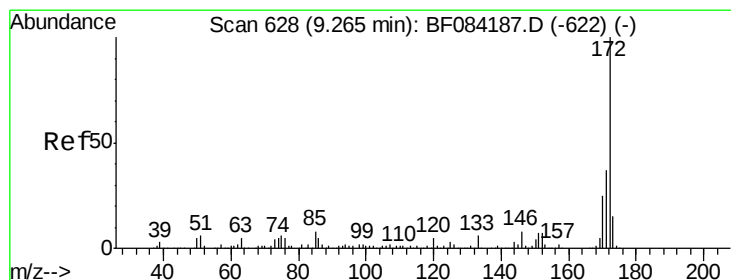
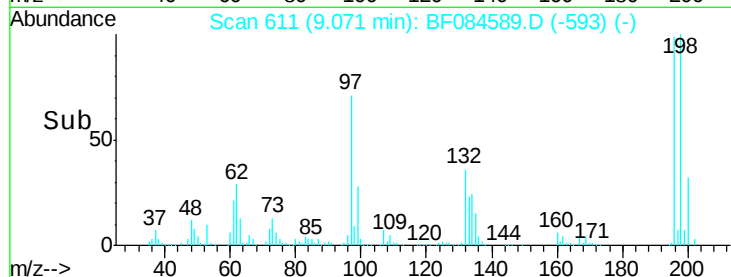
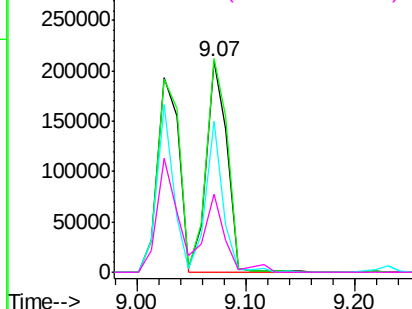
#43
 2,4,5-Trichlorophenol
 Concen: 34.78 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:196 Resp: 280758
 Ion Ratio Lower Upper
 196 100
 198 101.3 79.0 118.6
 97 71.7 33.0 49.6#
 132 36.9 21.1 31.7#

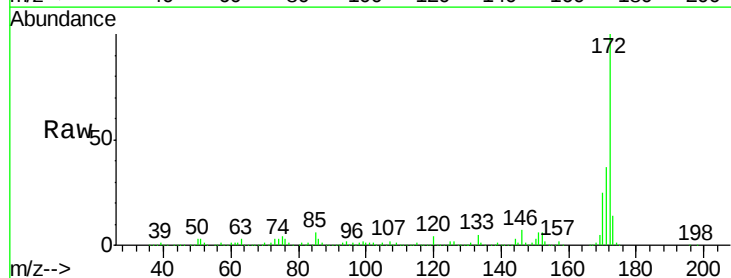


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

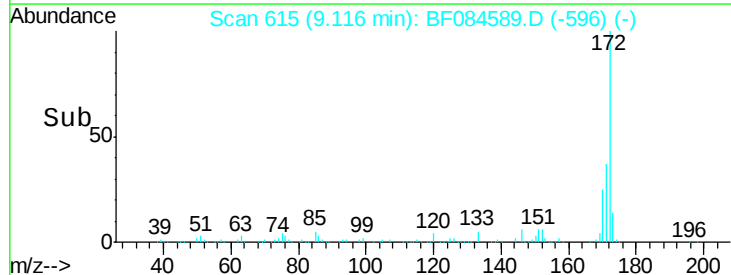
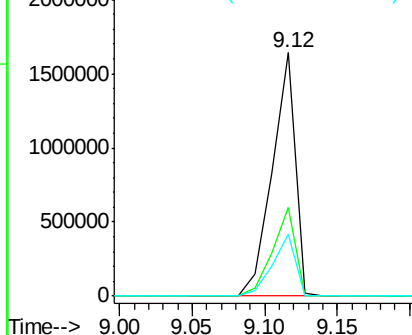


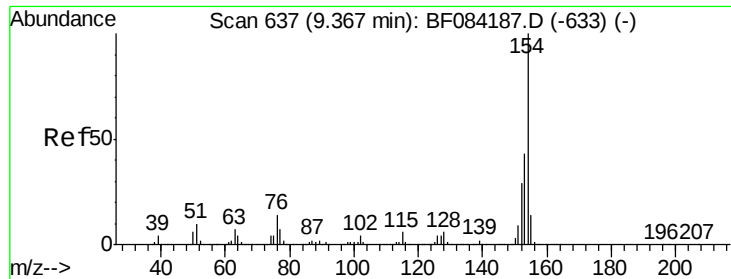
#44
 2-Fluorobiphenyl
 Concen: 81.12 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion:172 Resp: 1811556
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 25.2 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

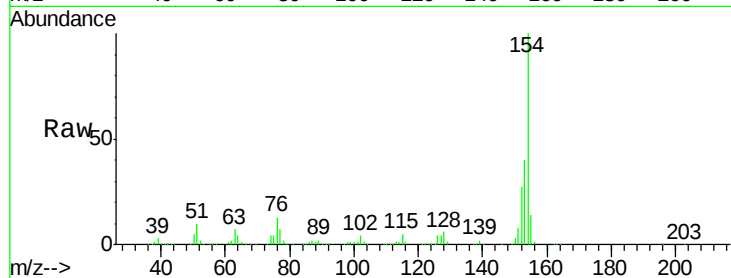




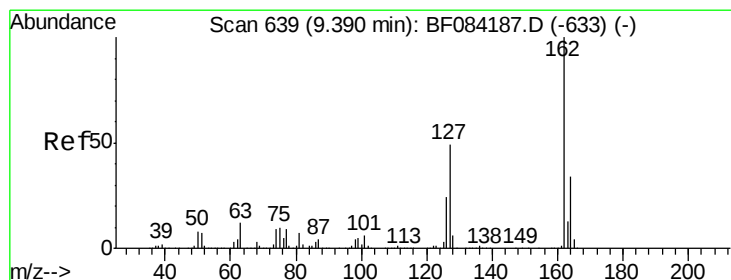
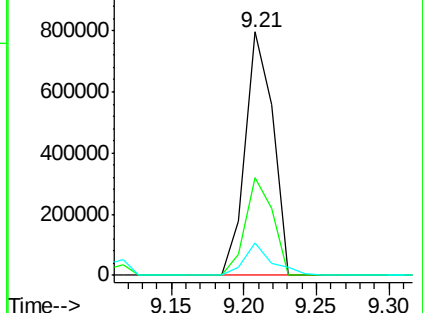
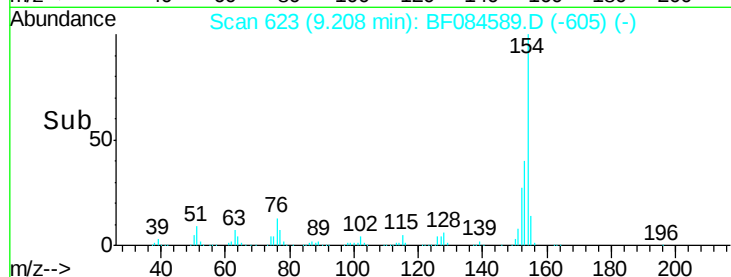
#45
 1,1'-Biphenyl
 Concen: 33.88 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:154 Resp: 1054180
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.6 61.6
 76 13.2 0.0 32.7

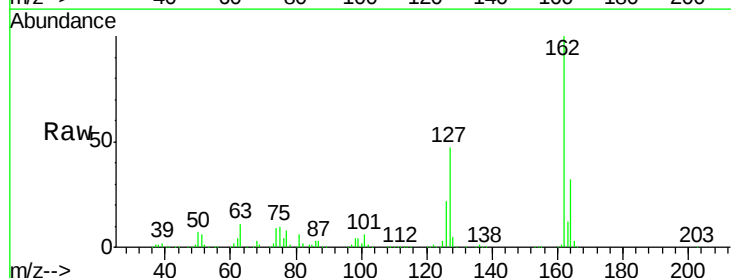


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

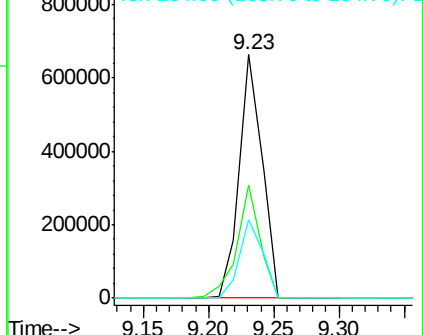
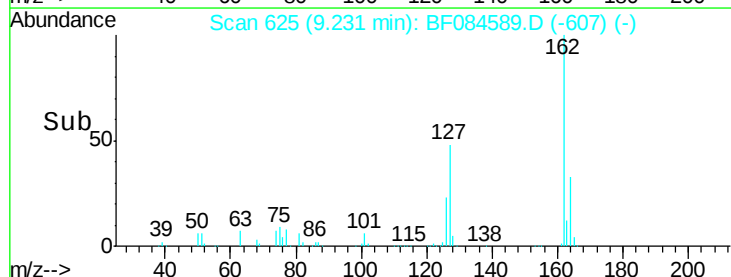


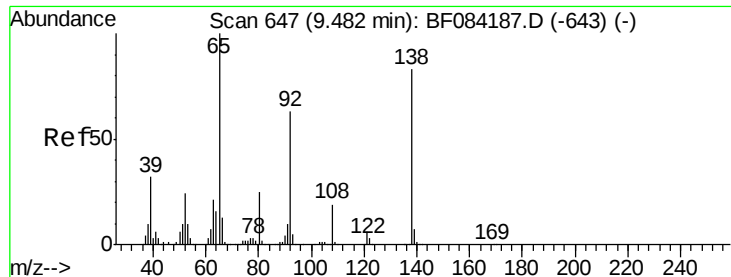
#46
 2-Chloronaphthalene
 Concen: 32.91 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion:162 Resp: 804243
 Ion Ratio Lower Upper
 162 100
 127 46.7 40.2 60.4
 164 32.3 25.7 38.5



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

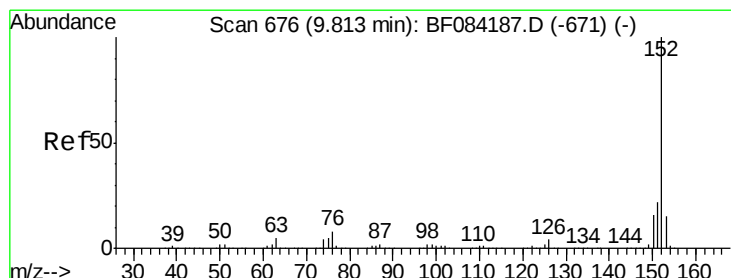
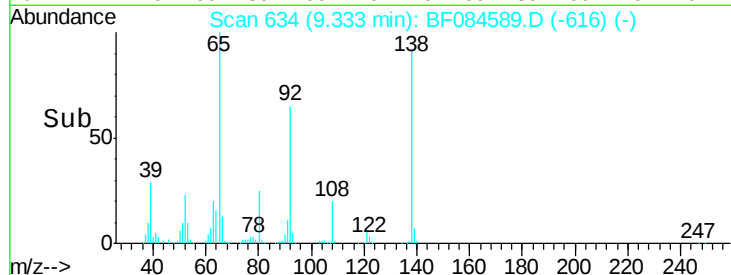
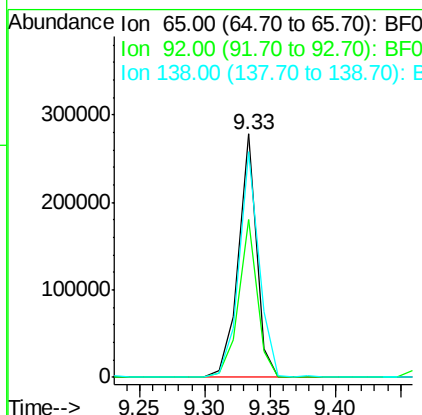
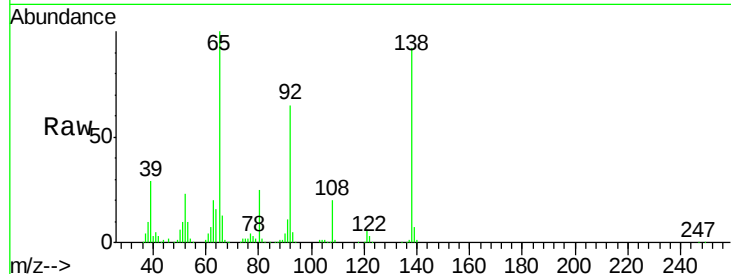




#47
2-Nitroaniline
Concen: 33.21 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

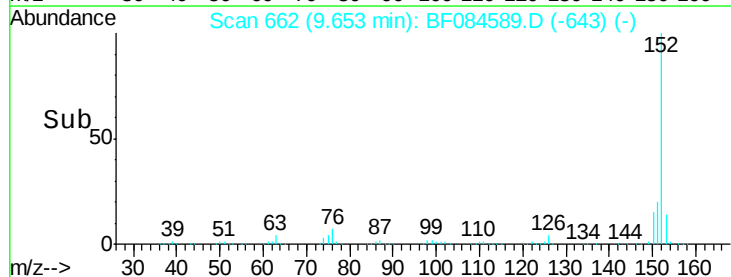
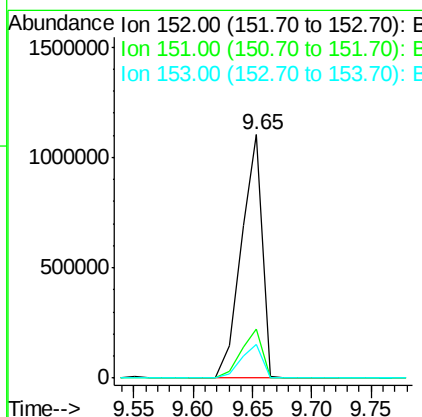
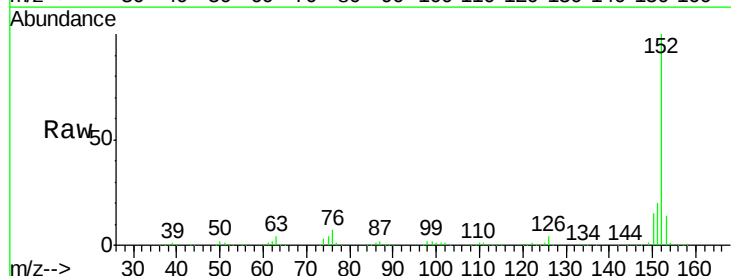
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 267857
Ion Ratio Lower Upper
65 100
92 65.0 53.4 80.2
138 92.5 71.1 106.7



#48
Acenaphthylene
Concen: 37.12 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion: 152 Resp: 1340364
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.1 10.4 15.6

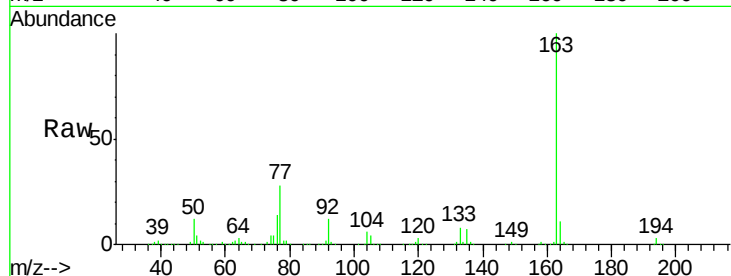




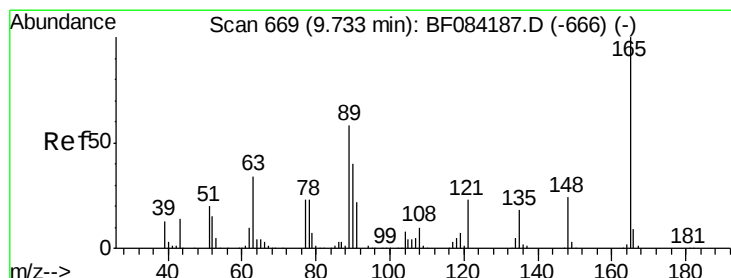
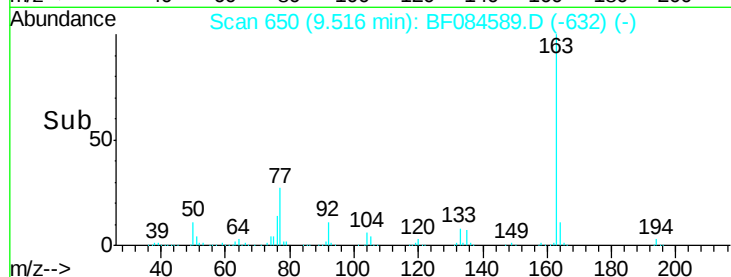
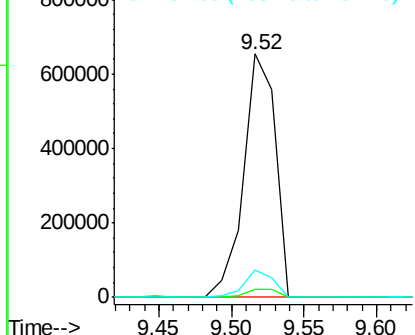
#49
Dimethylphthalate
Concen: 35.30 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 988041
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 11.2 8.0 12.0

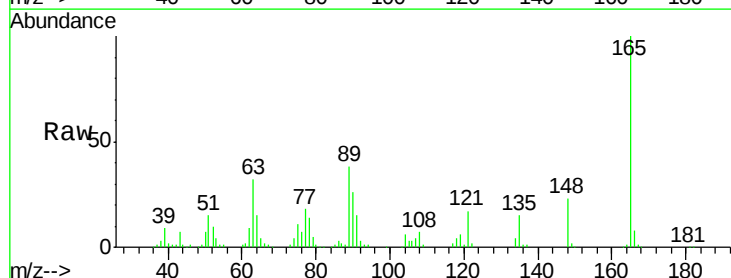


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

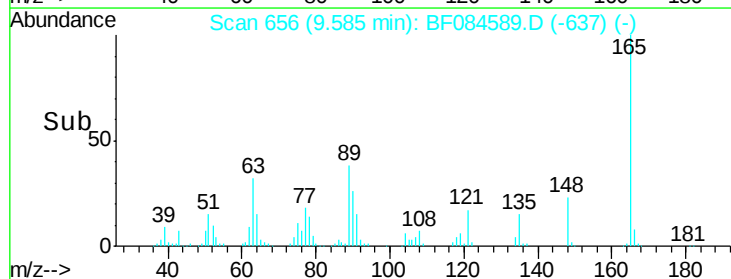
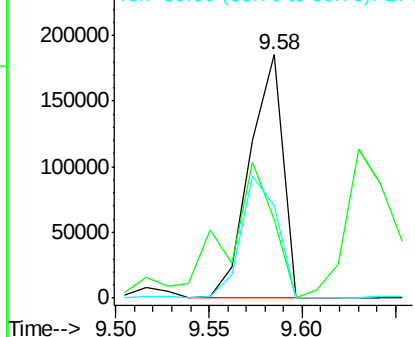


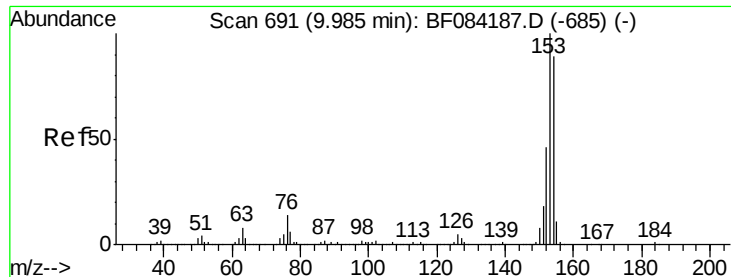
#50
2,6-Dinitrotoluene
Concen: 36.99 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:165 Resp: 227037
Ion Ratio Lower Upper
165 100
63 32.1 28.8 43.2
89 38.2 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: 37.46 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

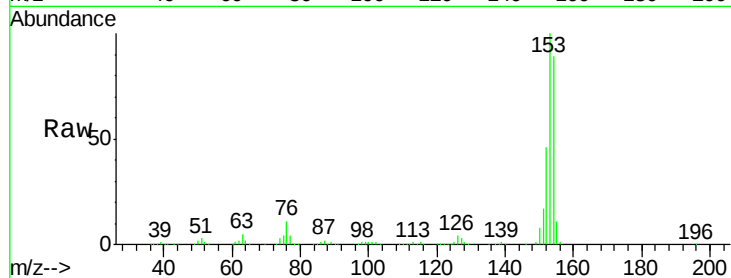
Tgt Ion:154 Resp: 907358

Ion Ratio Lower Upper

154 100

153 112.8 91.5 137.3

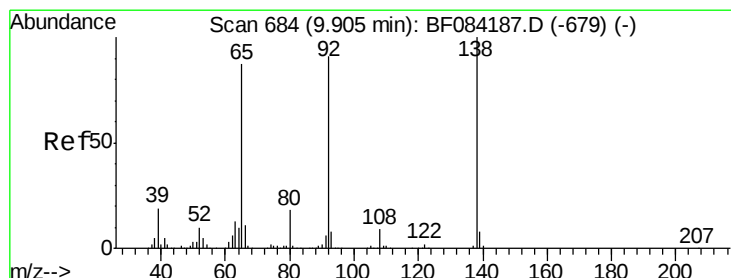
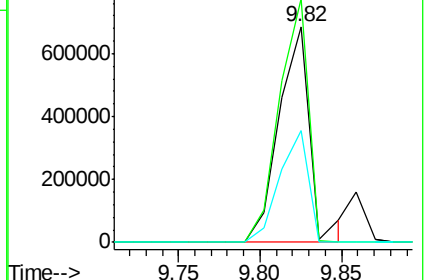
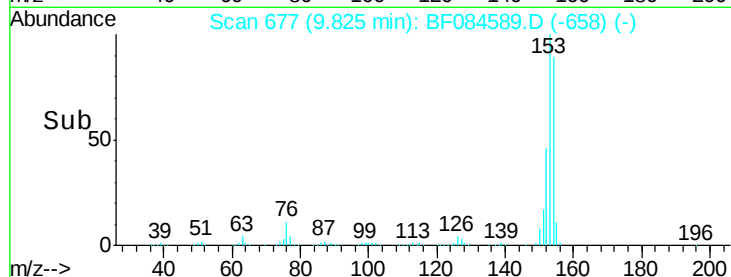
152 51.8 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.71 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

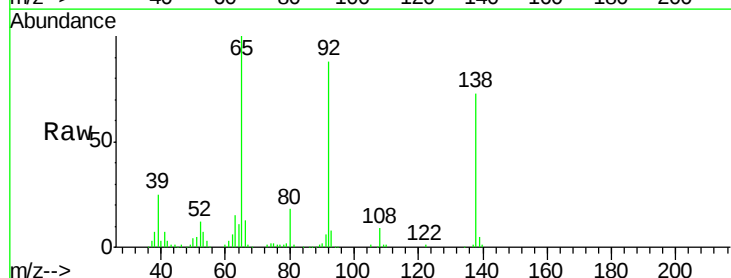
Tgt Ion:138 Resp: 104283

Ion Ratio Lower Upper

138 100

108 11.7 10.5 15.7

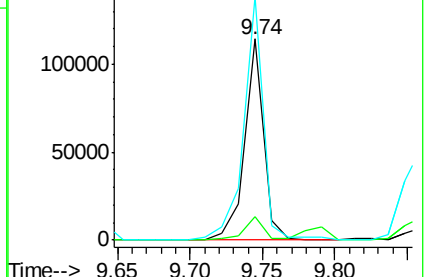
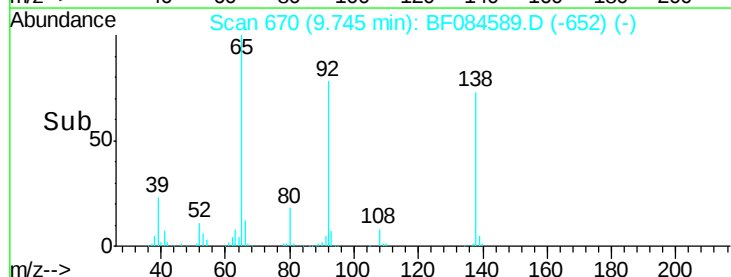
92 121.2 103.9 155.9



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

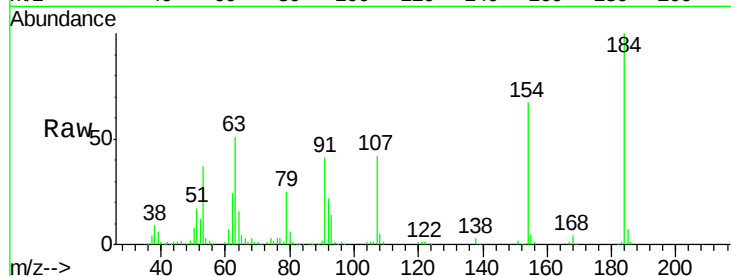




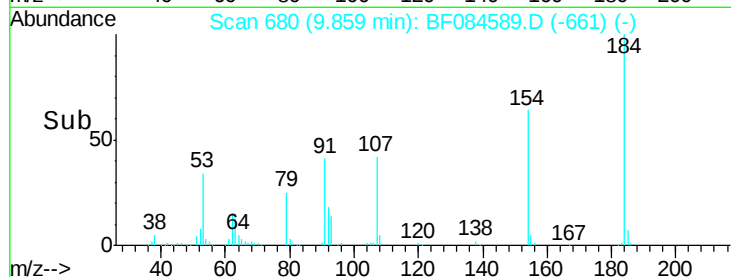
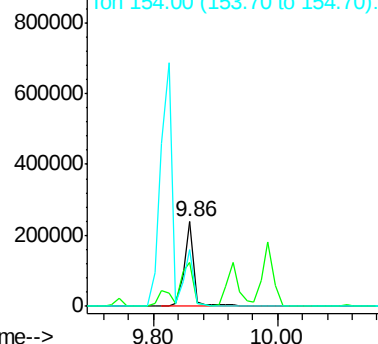
#53
2,4-Dinitrophenol
Concen: 97.56 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 257233
Ion Ratio Lower Upper
184 100
63 51.3 43.1 64.7
154 66.9 60.5 90.7

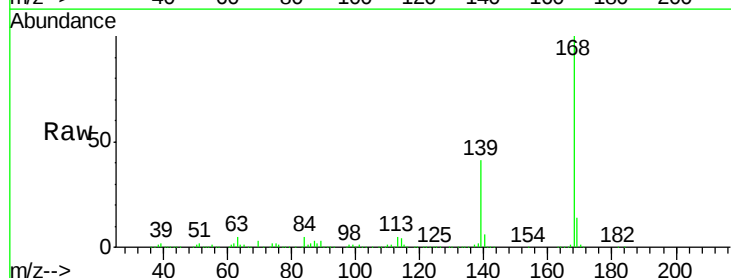


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

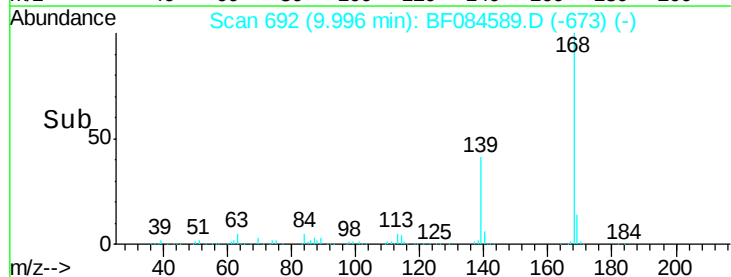
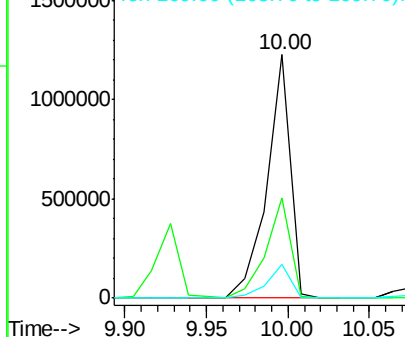


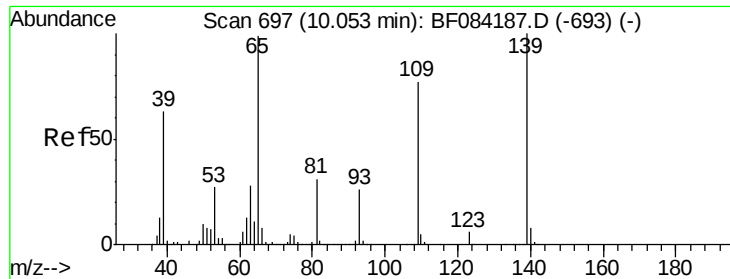
#54
Dibenzofuran
Concen: 38.46 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:168 Resp: 1219914
Ion Ratio Lower Upper
168 100
139 41.2 30.5 45.7
169 13.8 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

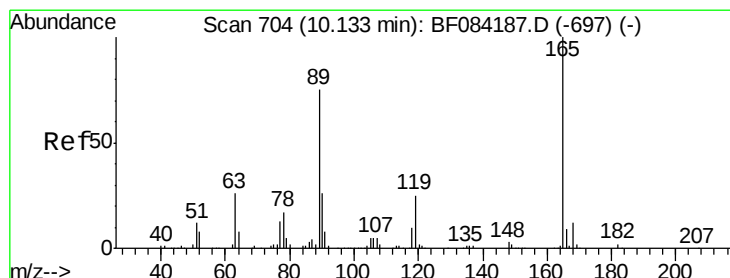
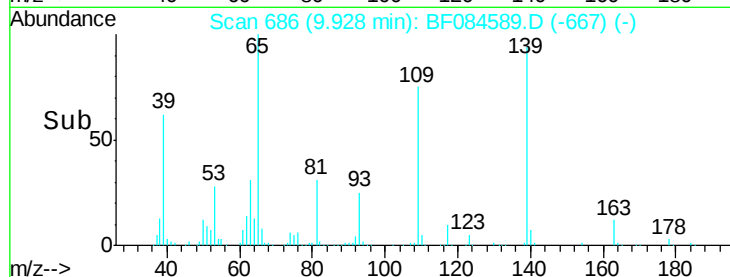
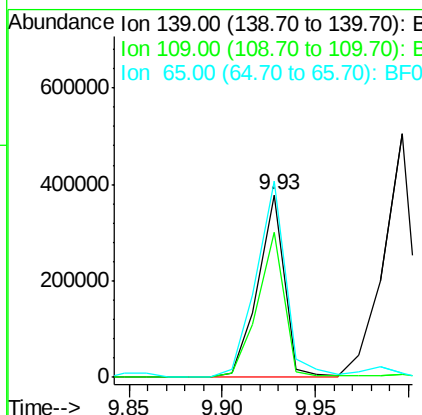
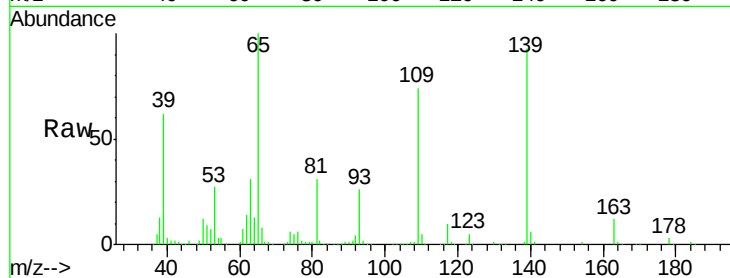




#55
4-Nitrophenol
Concen: 68.39 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

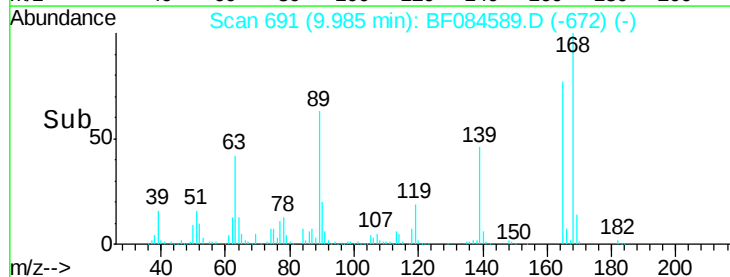
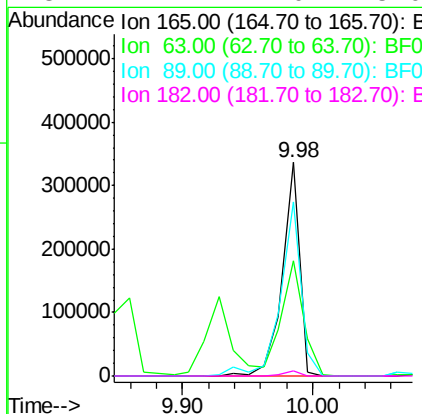
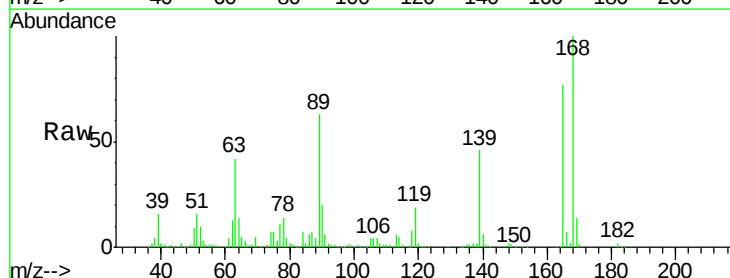
Instrument :
BNA_F
ClientSampleId :

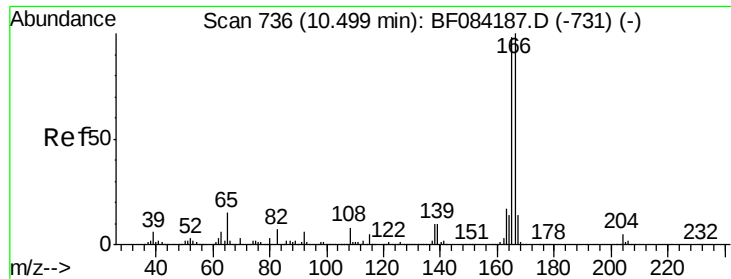
Tgt Ion:139 Resp: 377602
Ion Ratio Lower Upper
139 100
109 79.7 58.5 98.5
65 107.2 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 40.45 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:165 Resp: 314254
Ion Ratio Lower Upper
165 100
63 54.2 36.7 55.1
89 81.6 61.9 92.9
182 2.2 2.0 3.0

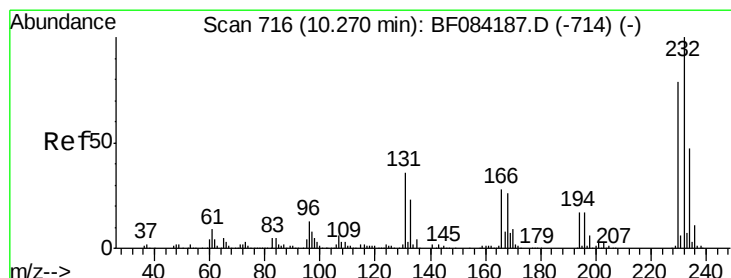
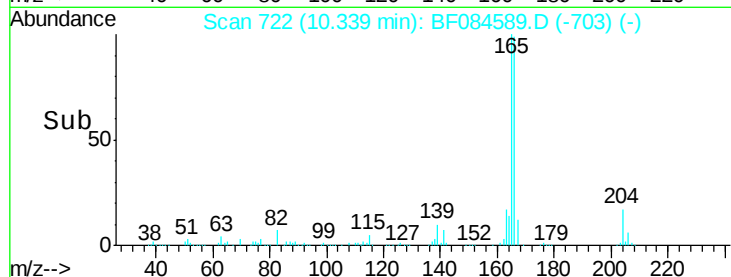
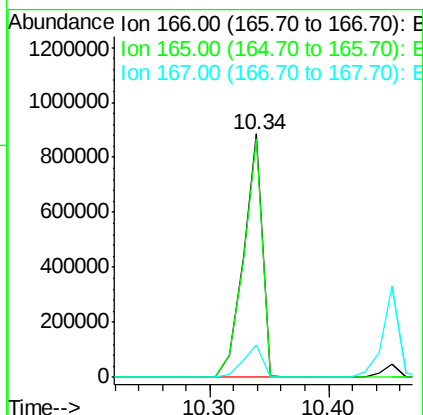
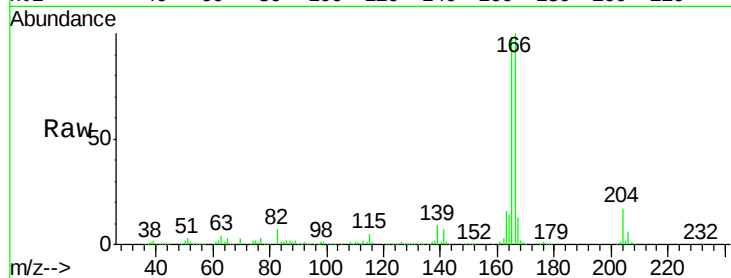




#57
 Fluorene
 Concen: 39.71 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.08 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

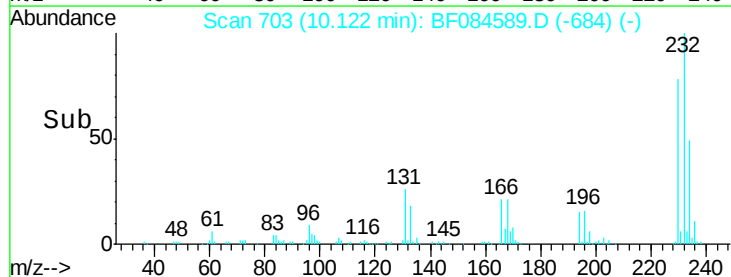
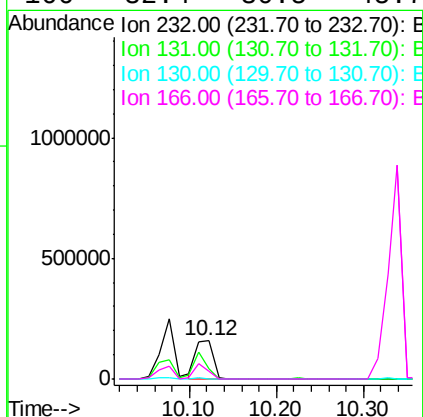
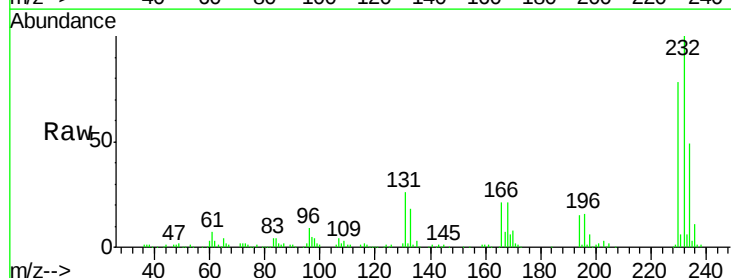
Instrument :
 BNA_F
 ClientSampleId :

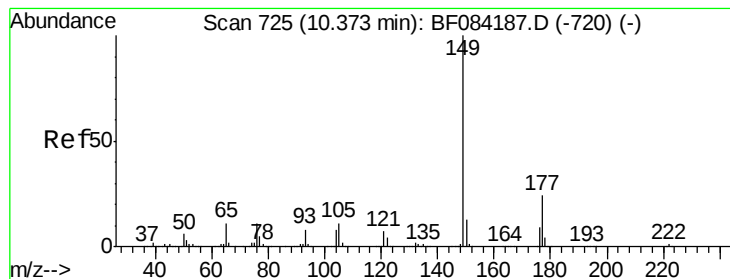
Tgt Ion:166 Resp: 970008
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.1 118.7
 167 13.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.72 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.08 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion:232 Resp: 225501
 Ion Ratio Lower Upper
 232 100
 131 52.3 47.0 70.6
 130 2.7 2.0 3.0
 166 32.4 30.5 45.7





#59

Diethylphthalate

Concen: 38.03 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

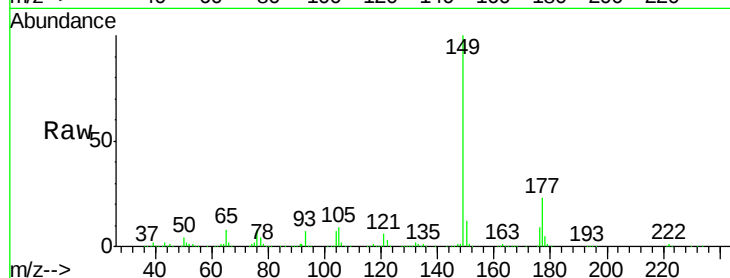
Tgt Ion:149 Resp: 1049321

Ion Ratio Lower Upper

149 100

177 23.1 17.3 25.9

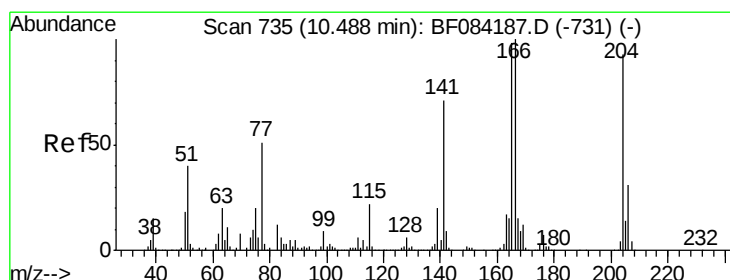
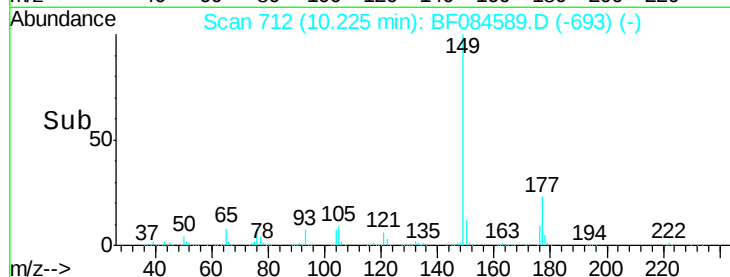
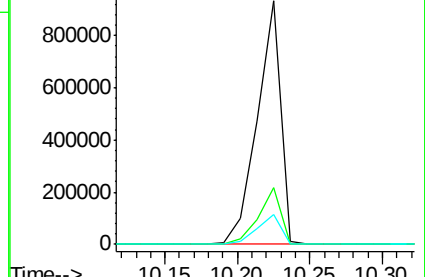
150 12.1 9.8 14.8



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: 37.97 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

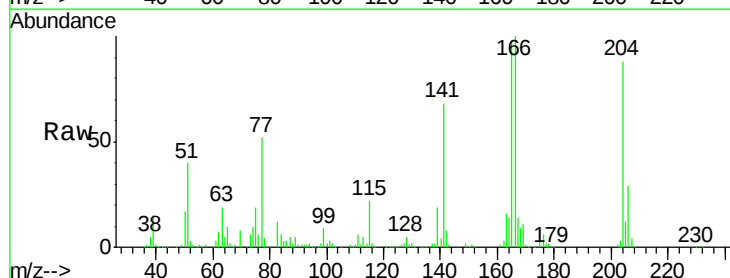
Tgt Ion:204 Resp: 401272

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

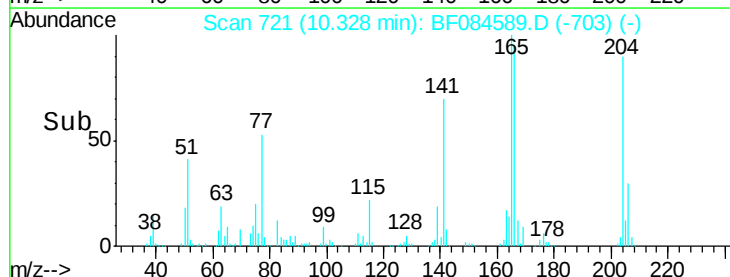
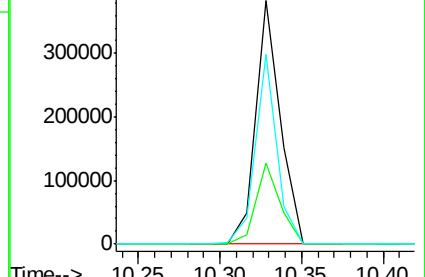
141 77.9 55.1 82.7

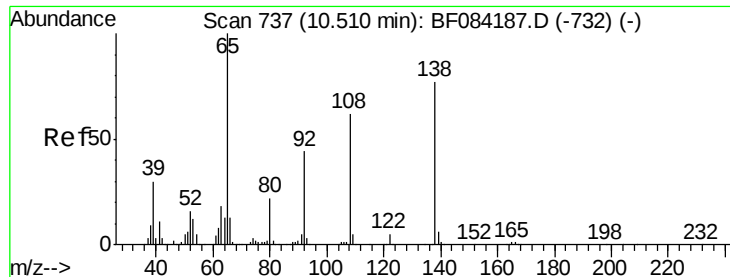


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

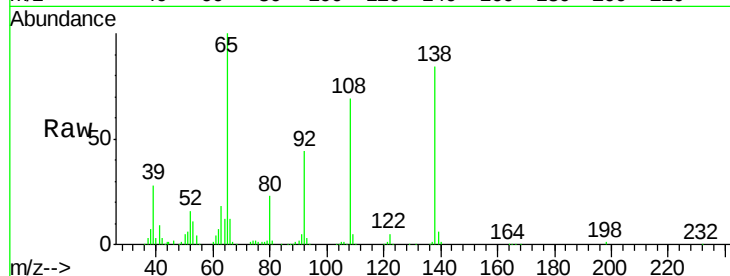




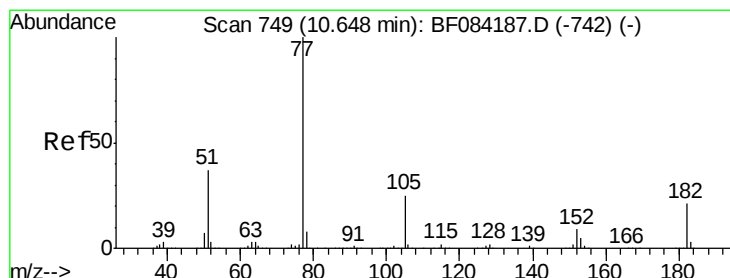
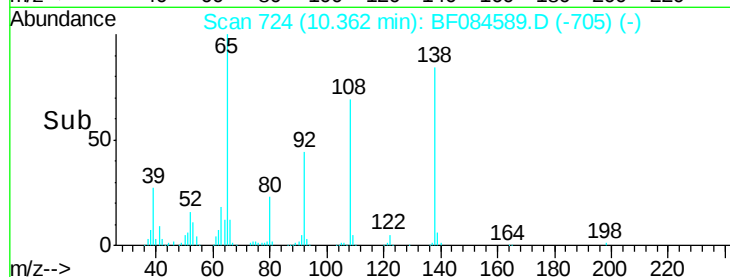
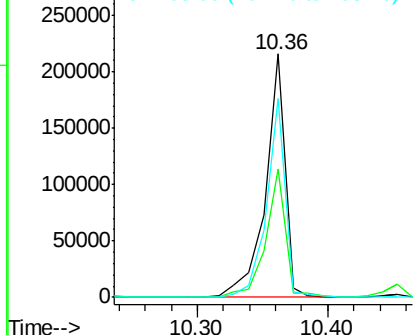
#61
4-Nitroaniline
Concen: 33.83 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 229374
Ion Ratio Lower Upper
138 100
92 52.6 32.6 72.6
108 81.7 68.6 108.6



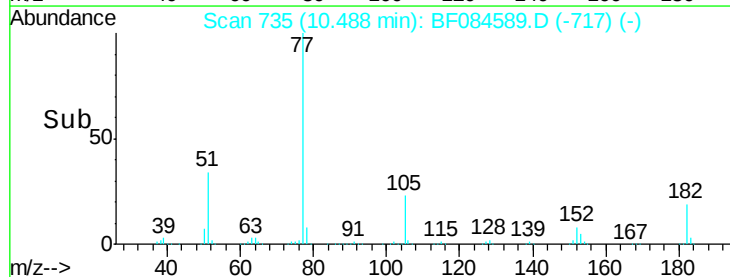
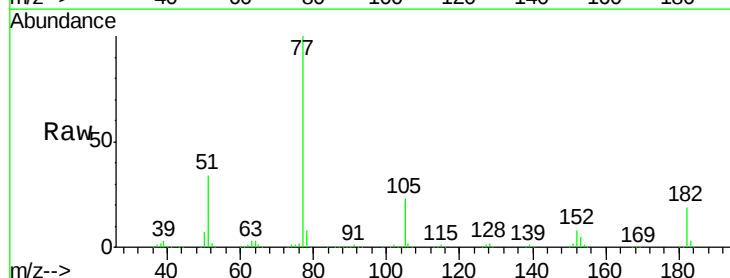
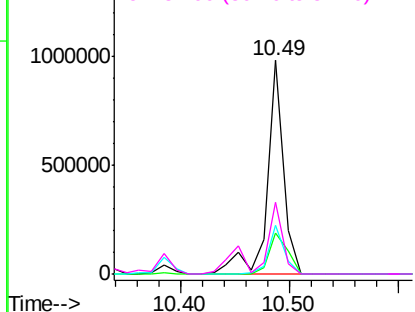
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

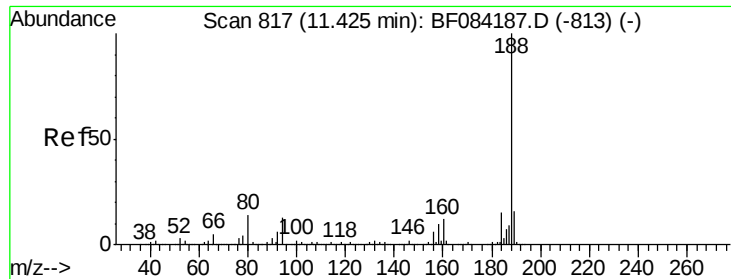


#62
Azobenzene
Concen: 34.36 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion: 77 Resp: 1040032
Ion Ratio Lower Upper
77 100
182 19.3 8.3 48.3
105 22.7 4.6 44.6
51 33.8 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

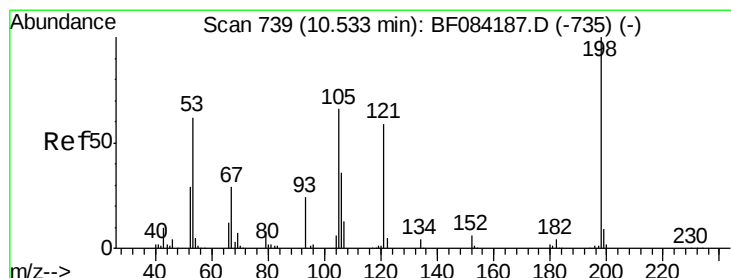
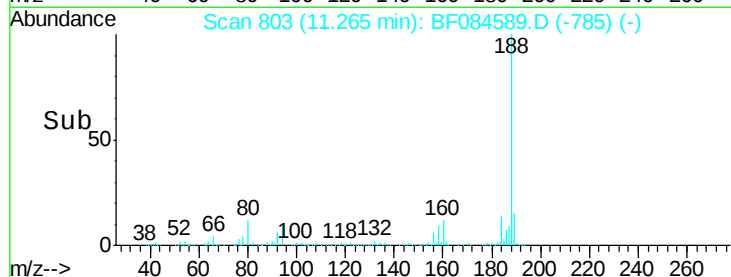
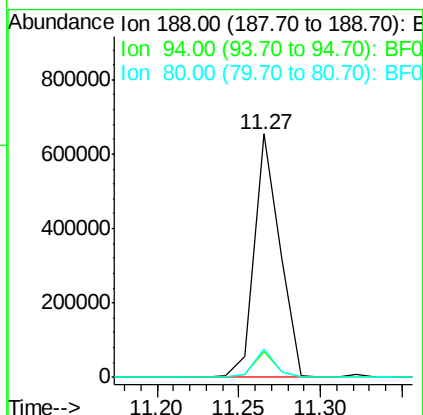
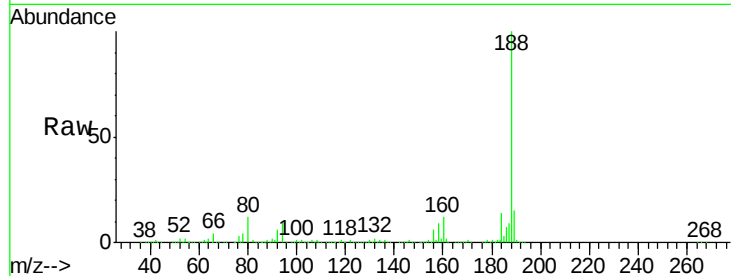




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

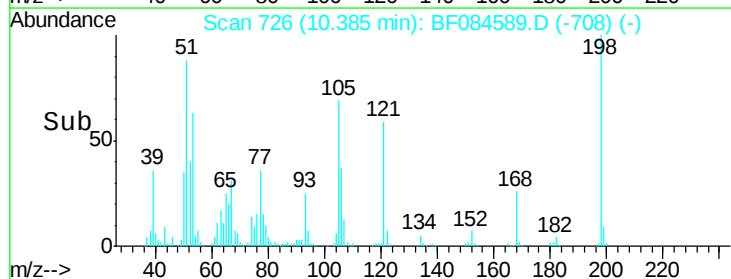
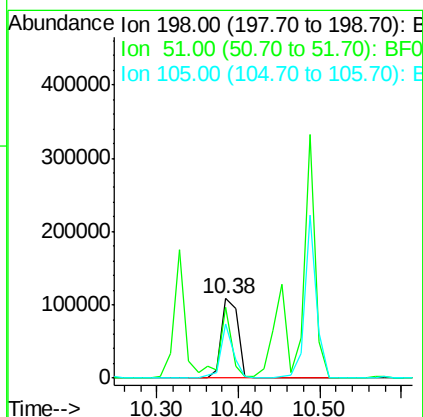
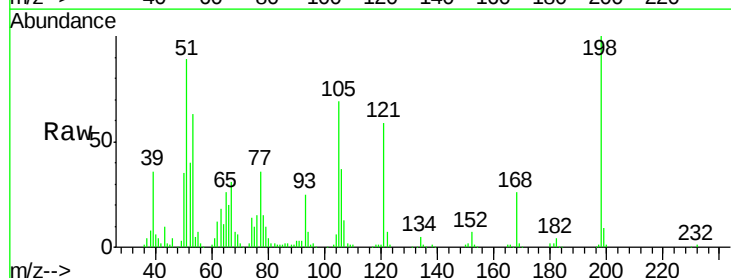
Instrument :
BNA_F
ClientSampleId :

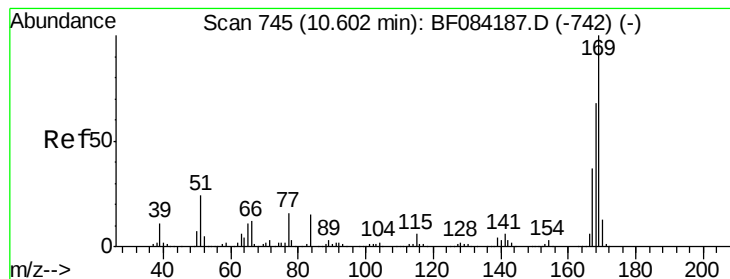
Tgt Ion:188 Resp: 711975
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.6 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 35.29 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:198 Resp: 153026
Ion Ratio Lower Upper
198 100
51 88.9 18.9 58.9#
105 69.0 26.4 66.4#





#65

n-Nitrosodiphenylamine

Concen: 37.14 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampled :

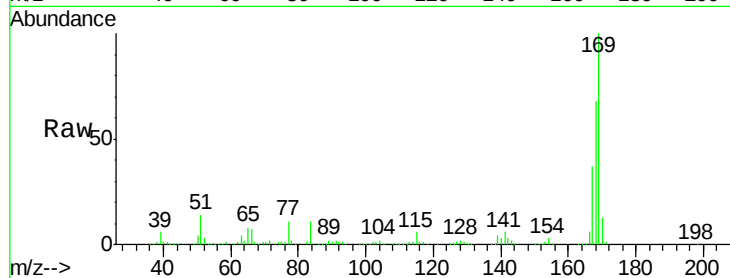
Tgt Ion:169 Resp: 845449

Ion Ratio Lower Upper

169 100

168 67.8 55.1 82.7

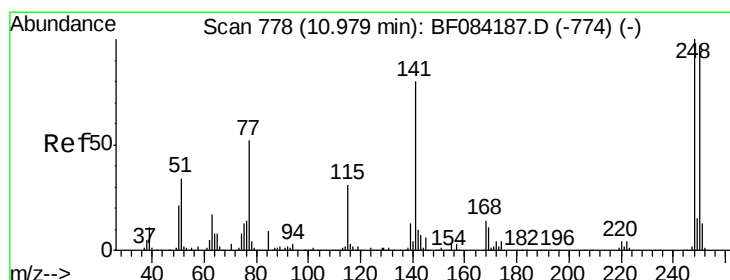
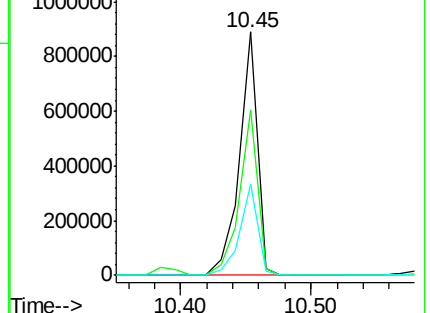
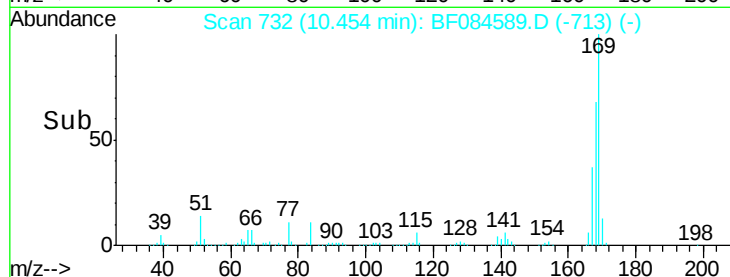
167 37.4 30.0 45.0



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: 36.03 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

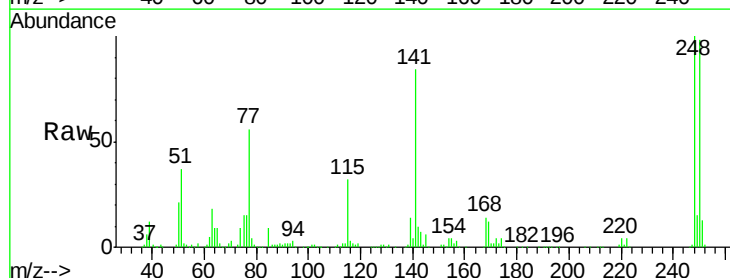
Tgt Ion:248 Resp: 276121

Ion Ratio Lower Upper

248 100

250 97.7 78.4 117.6

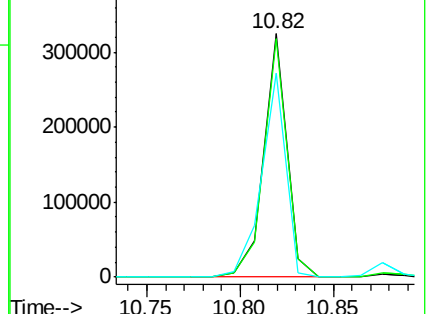
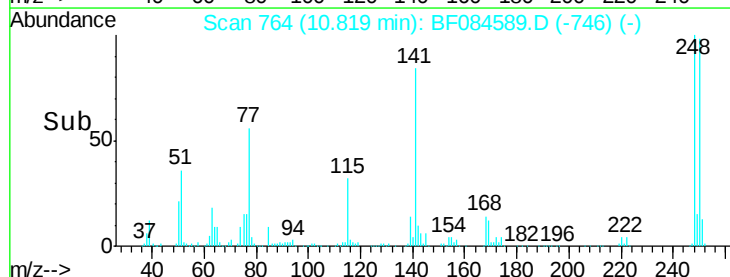
141 84.0 44.0 66.0#

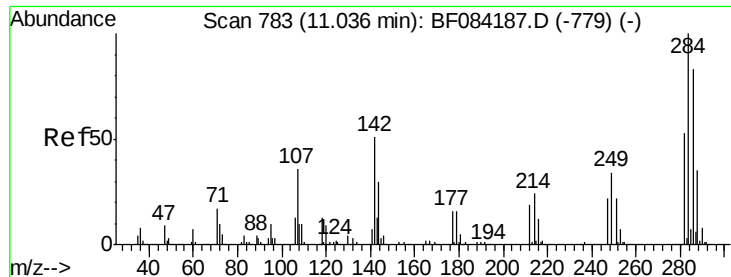


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.65 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

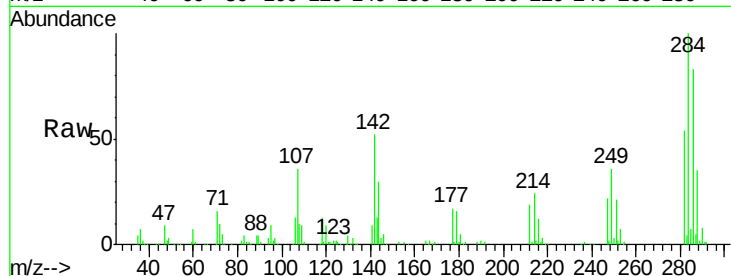
Tgt Ion:284 Resp: 298834

Ion Ratio Lower Upper

284 100

142 52.2 22.2 33.4#

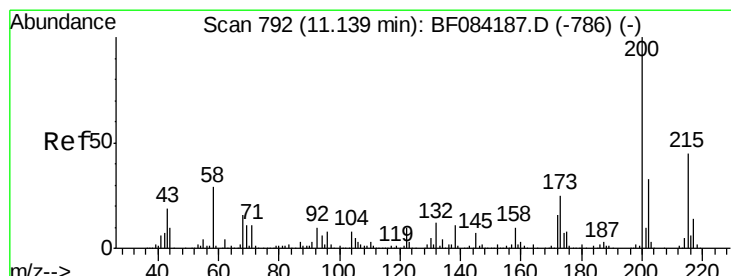
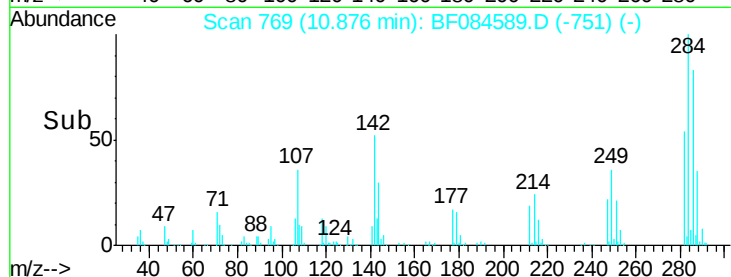
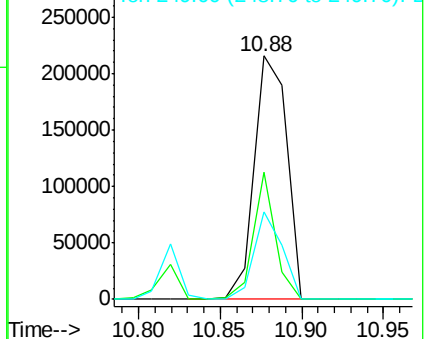
249 35.9 24.6 37.0



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: 31.22 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

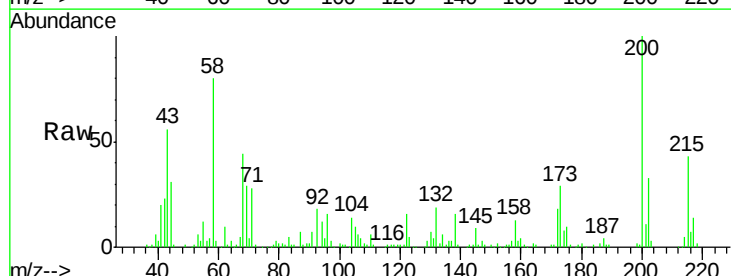
Tgt Ion:200 Resp: 232575

Ion Ratio Lower Upper

200 100

173 28.9 9.5 49.5

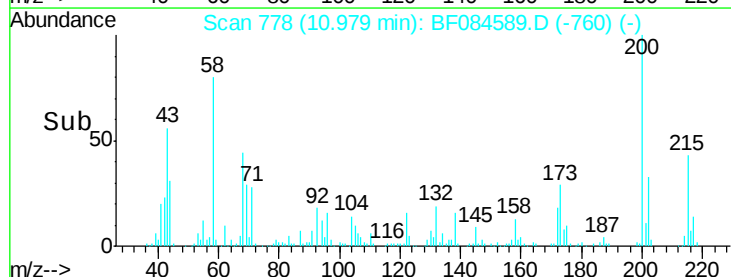
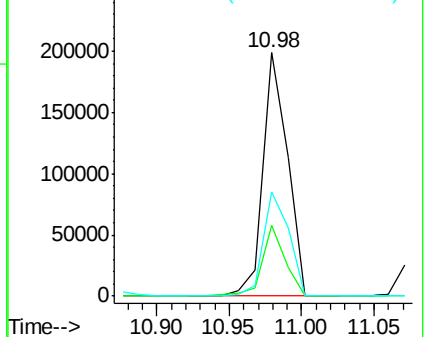
215 42.6 23.8 63.8



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

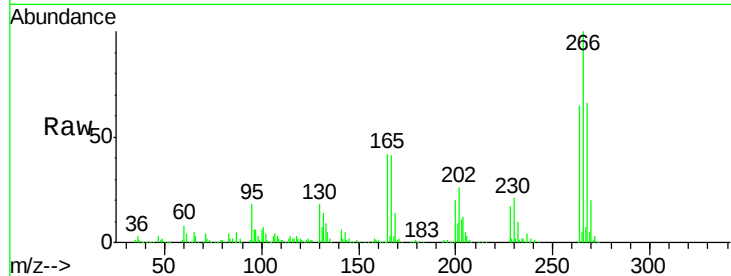




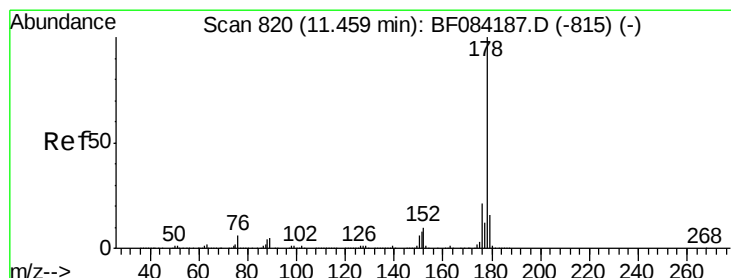
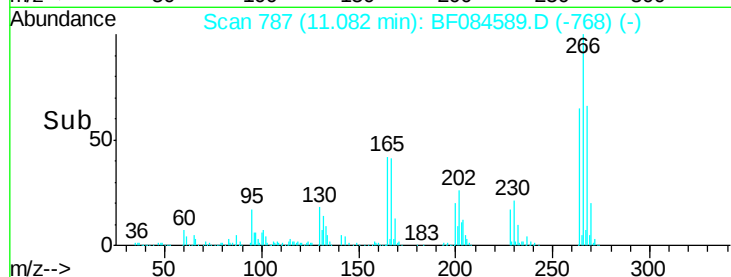
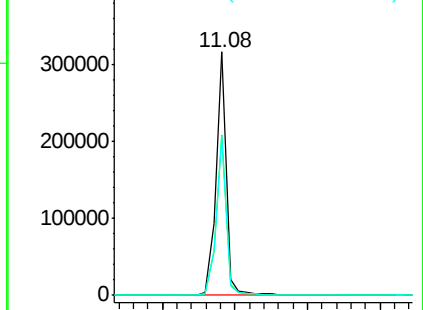
#69
 Pentachlorophenol
 Concen: 70.04 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.08 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 266 Resp: 313243
 Ion Ratio Lower Upper
 266 100
 268 65.8 52.4 78.6
 264 65.2 50.2 75.2

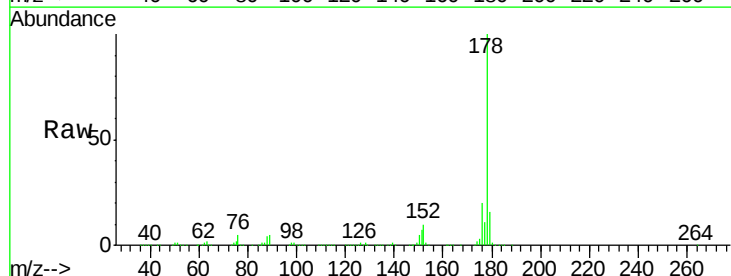


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

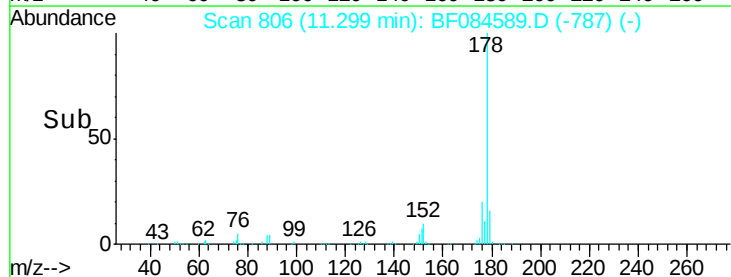
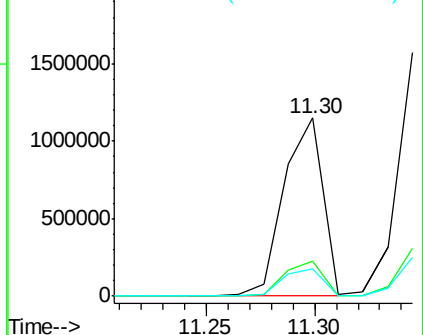


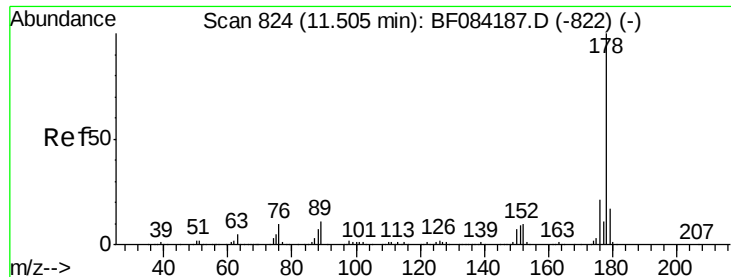
#70
 Phenanthrene
 Concen: 38.60 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion: 178 Resp: 1437624
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.3 22.9
 179 15.7 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

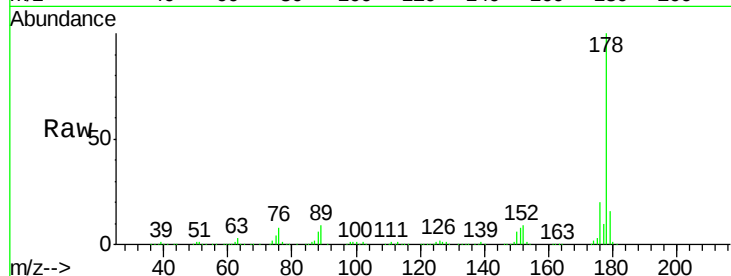




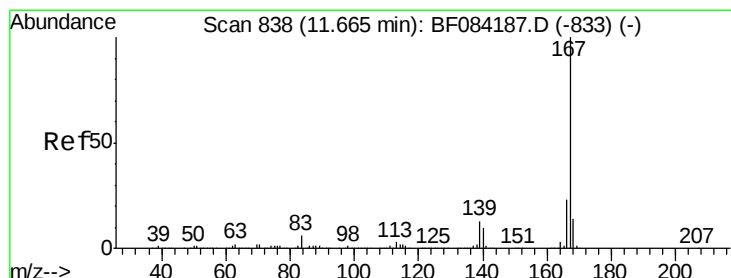
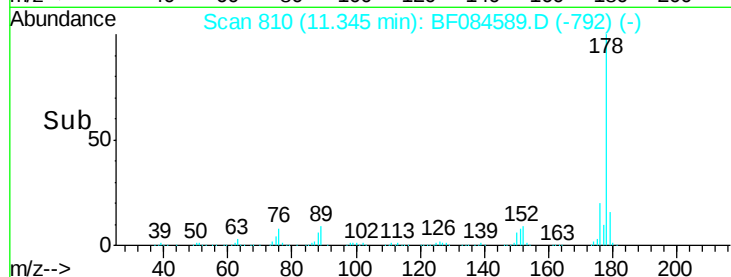
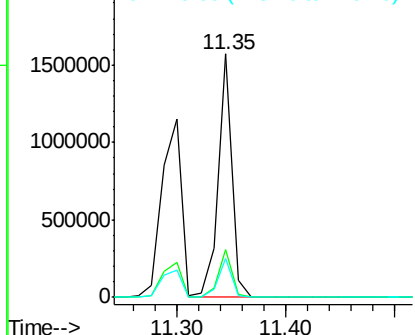
#71
 Anthracene
 Concen: 38.18 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:178 Resp: 1393923
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 16.2 12.5 18.7

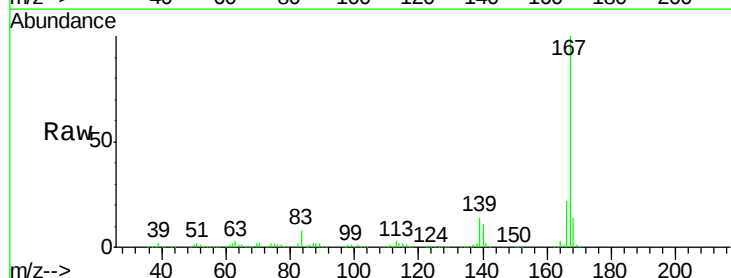


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

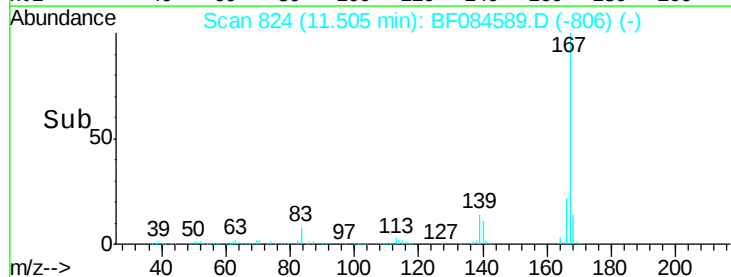
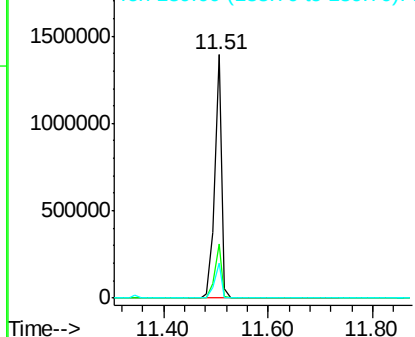


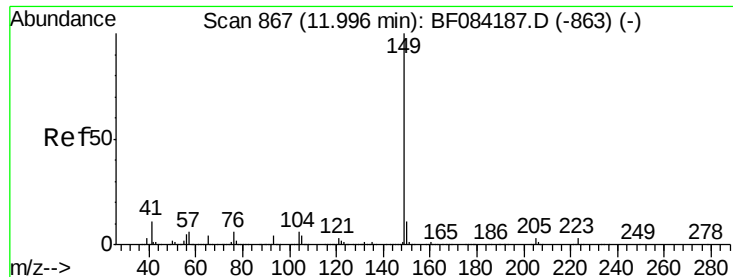
#72
 Carbazole
 Concen: 35.98 ng
 RT: 11.51 min Scan# 824
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion:167 Resp: 1284085
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.4 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: 38.23 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

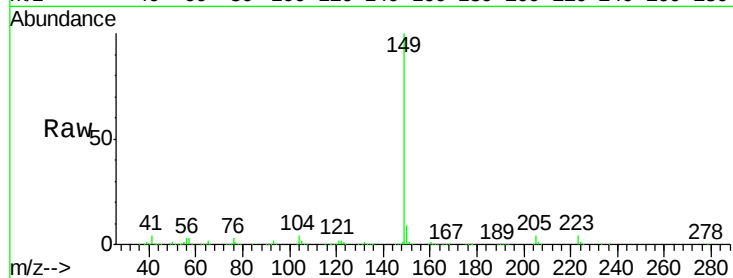
Tgt Ion:149 Resp: 1509347

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

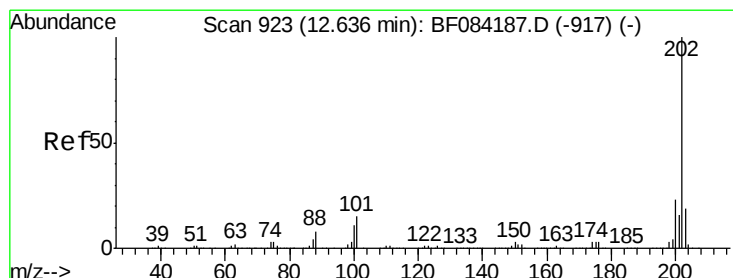
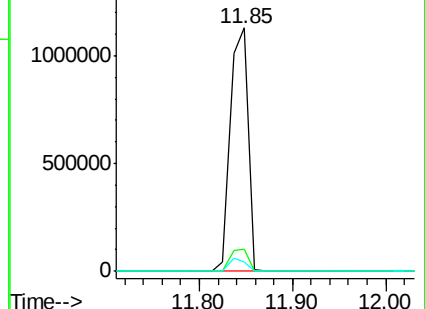
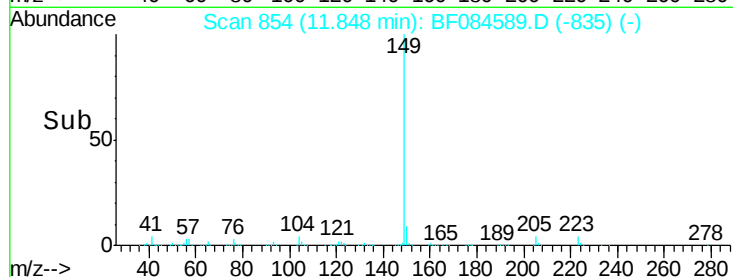
104 4.1 3.2 4.8



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: 33.75 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

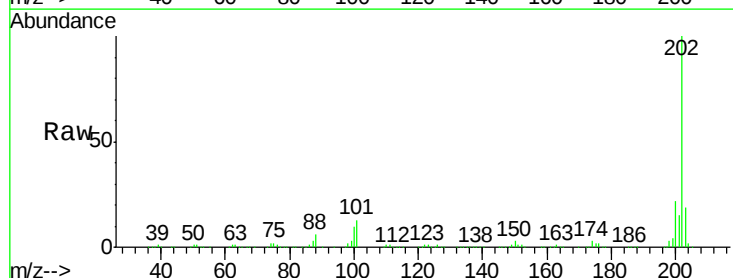
Tgt Ion:202 Resp: 1313097

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.8

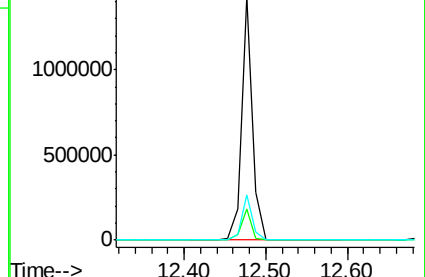
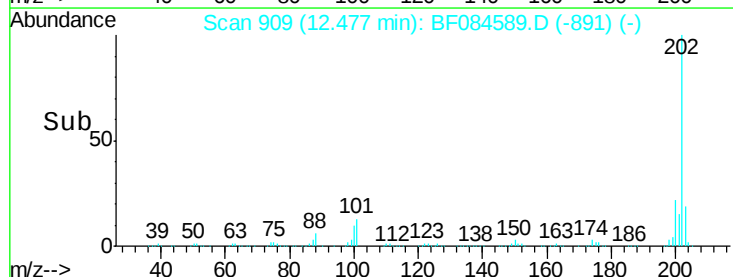
203 18.6 0.0 37.9

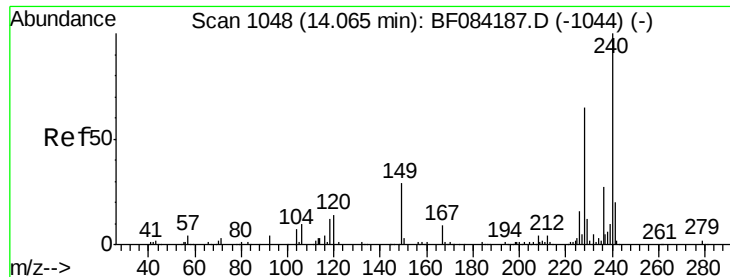


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

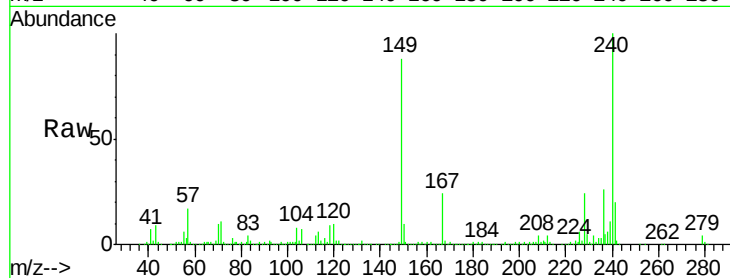
Tgt Ion:240 Resp: 558185

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

236 25.9 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.91

800000

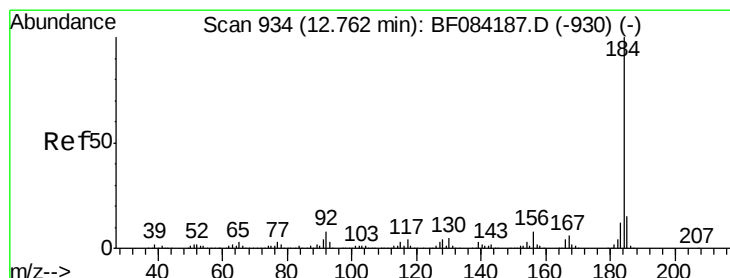
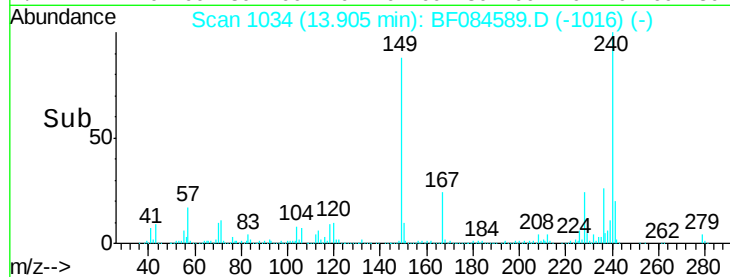
600000

400000

200000

0

Time--> 13.80 13.90 14.00



#76

Benzidine

Concen: 14.36 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

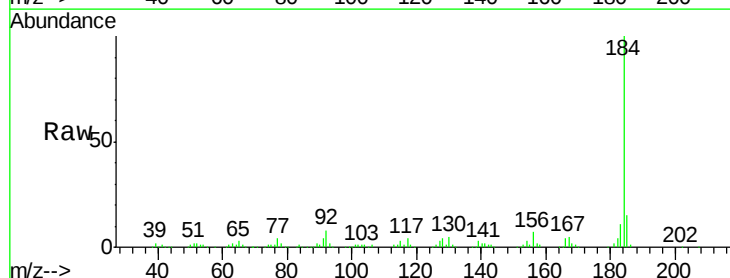
Tgt Ion:184 Resp: 287462

Ion Ratio Lower Upper

184 100

185 14.8 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

12.60

400000

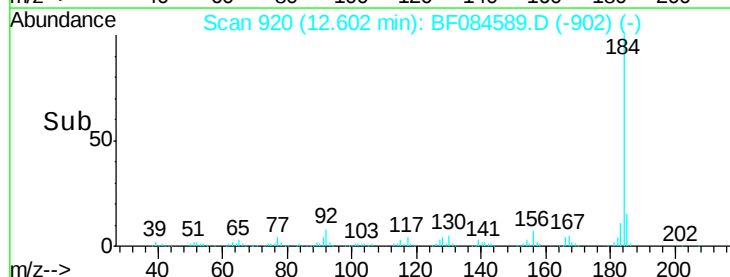
300000

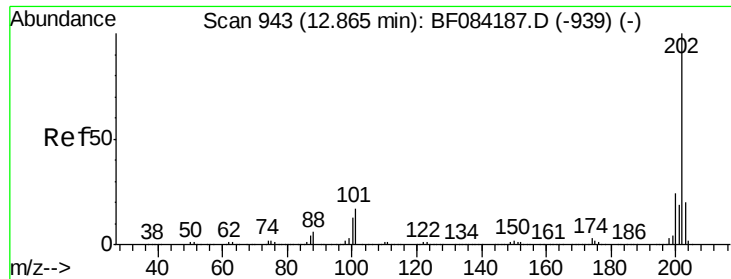
200000

100000

0

Time--> 12.50 12.60 12.70 12.80

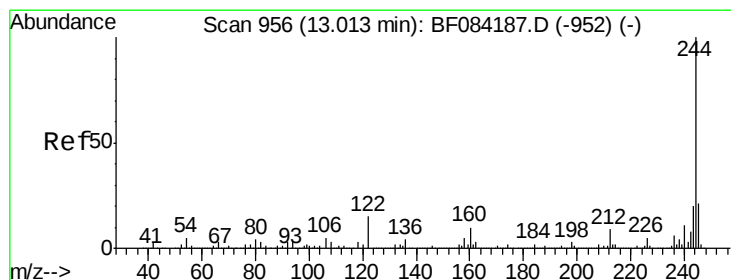
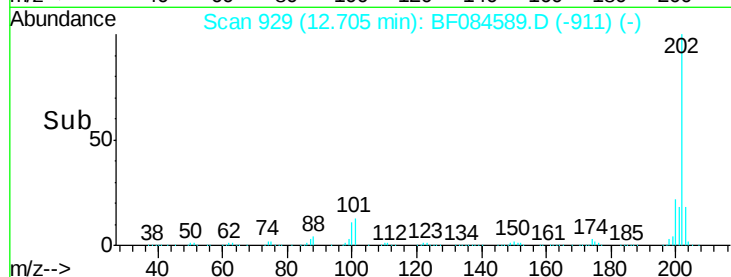
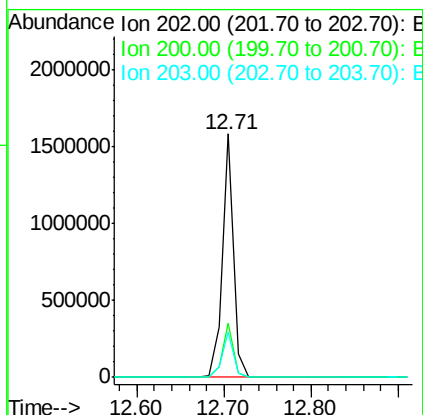
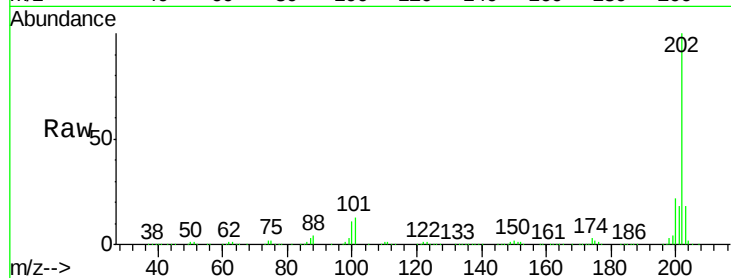




#77
 Pyrene
 Concen: 32.68 ng
 RT: 12.71 min Scan# 929
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

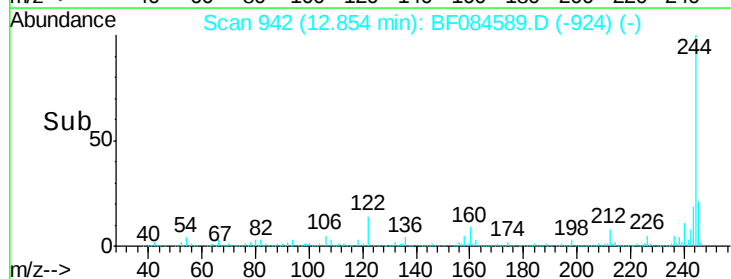
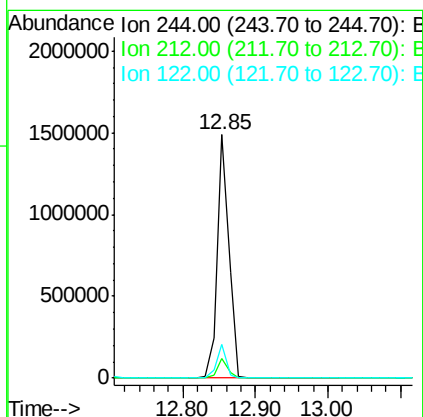
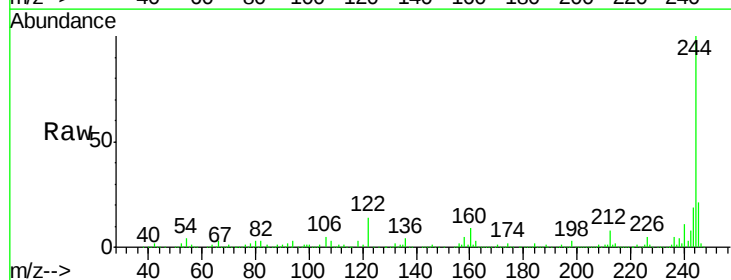
Instrument :
 BNA_F
 ClientSampleId :

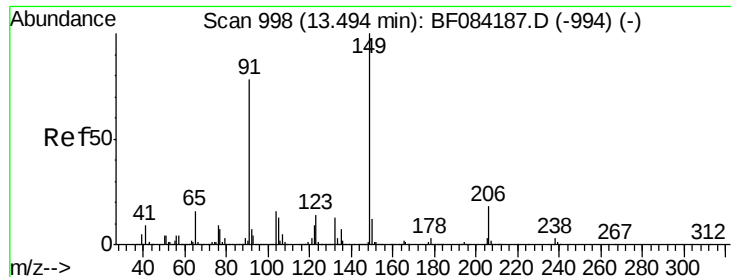
Tgt Ion:202 Resp: 1431339
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.2 25.8
 203 18.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 66.07 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion:244 Resp: 1652045
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 13.9 7.4 11.0#

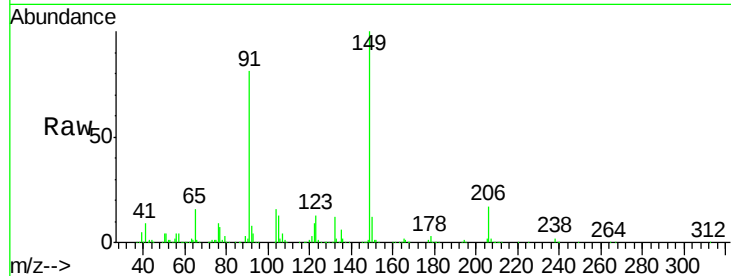




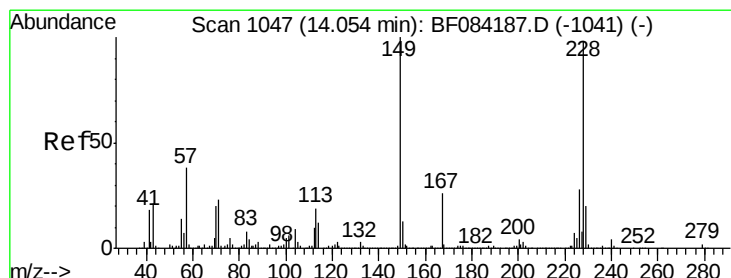
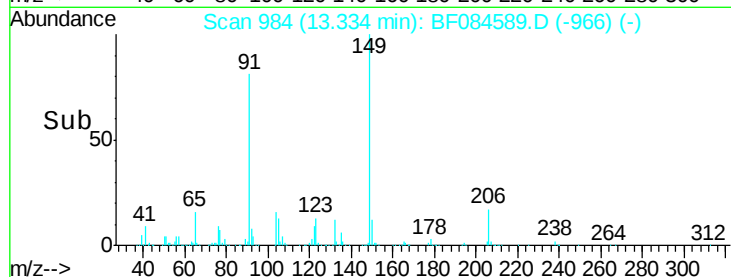
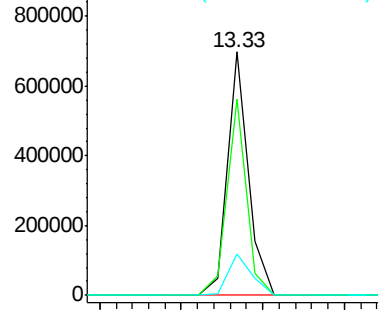
#79
Butylbenzylphthalate
Concen: 32.81 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 621951
Ion Ratio Lower Upper
149 100
91 80.8 57.6 86.4
206 16.8 13.2 19.8

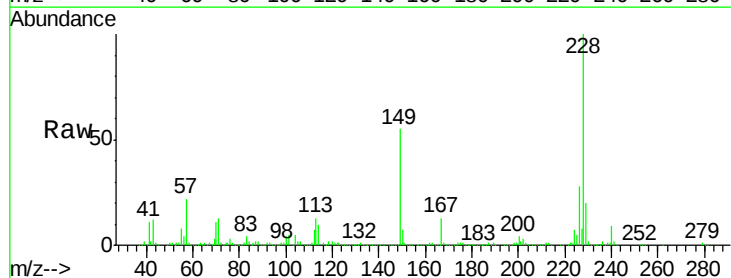


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

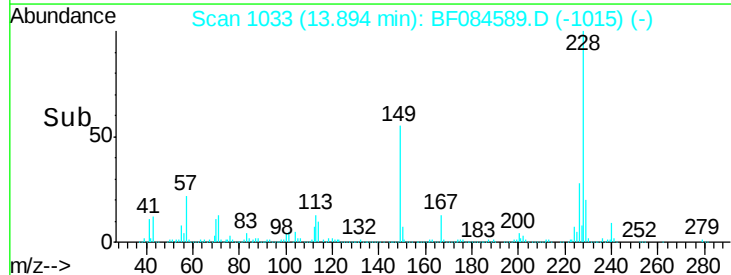
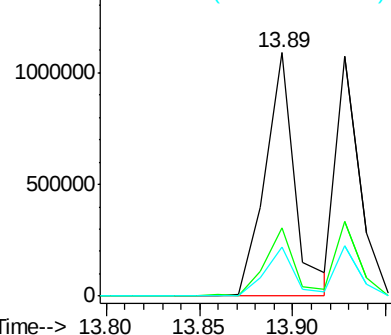


#80
Benzo(a)anthracene
Concen: 36.74 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:228 Resp: 1204235
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 20.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

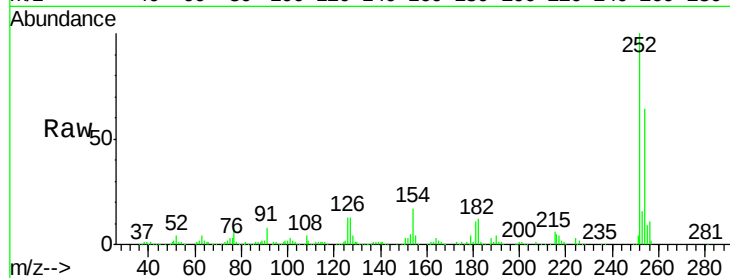




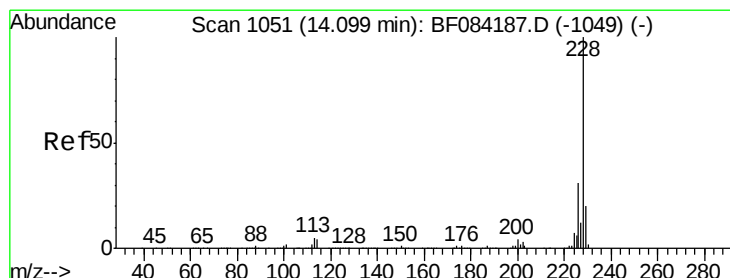
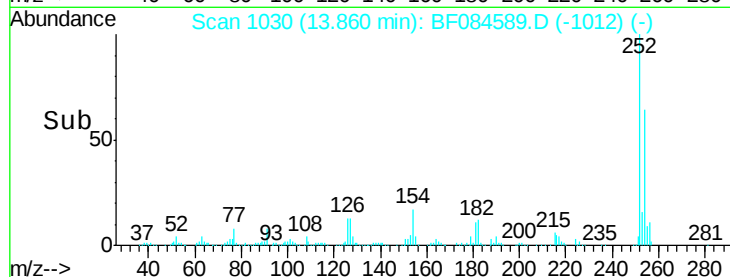
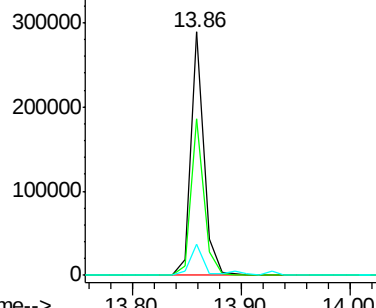
#81
 3,3'-Dichlorobenzidine
 Concen: 21.48 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.5	80.3
126	12.6	4.9	7.3#

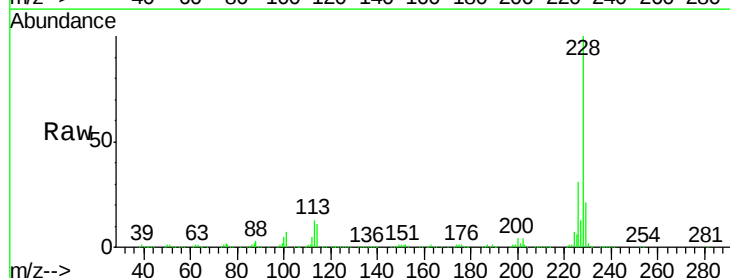


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

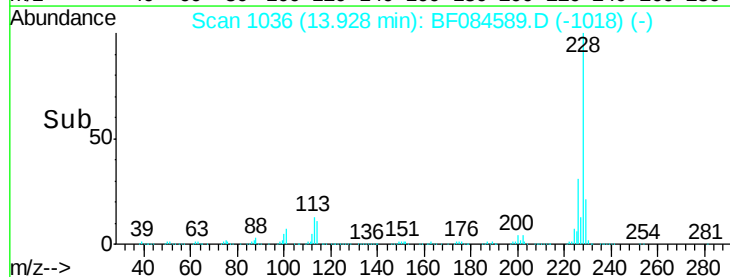
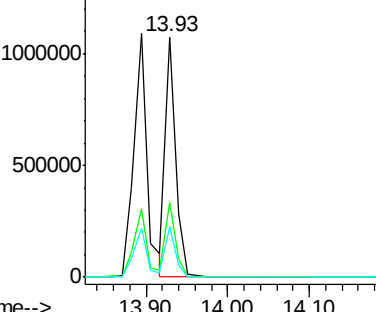


#82
 Chrysene
 Concen: 30.30 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	20.7	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

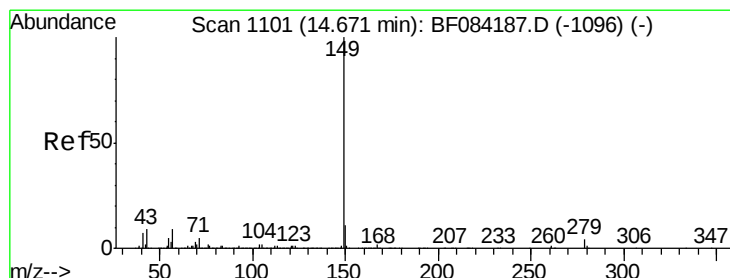
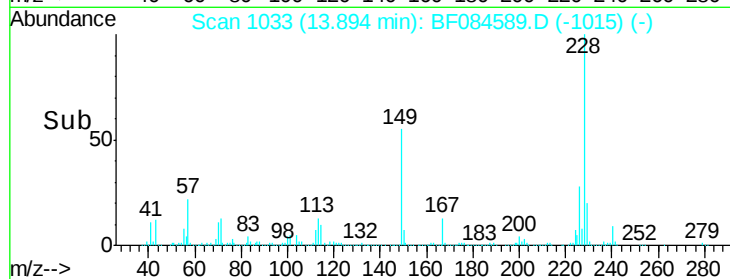
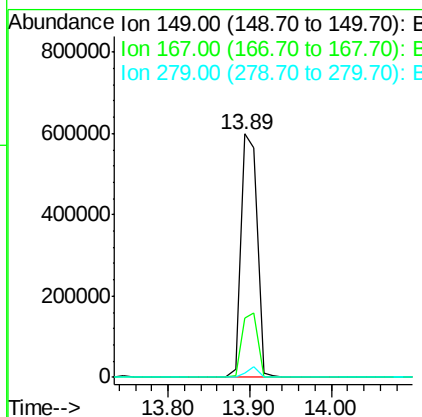
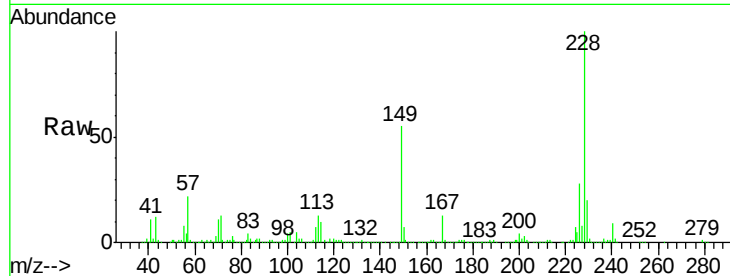




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.48 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

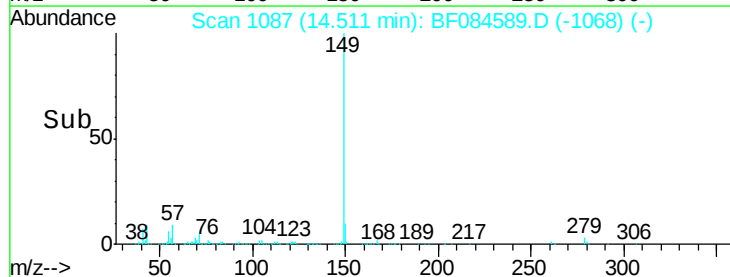
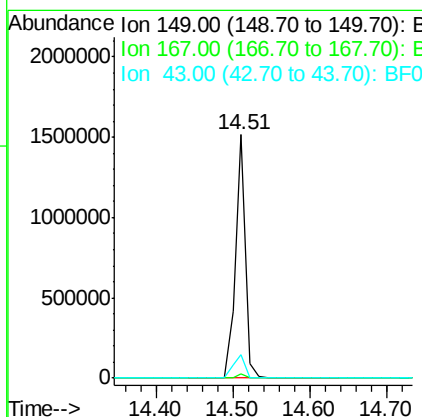
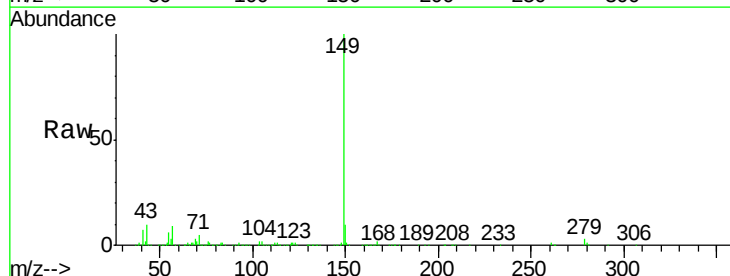
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:149 Resp: 825618
 Ion Ratio Lower Upper
 149 100
 167 24.1 19.7 29.5
 279 1.9 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 34.71 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.08 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion:149 Resp: 1403306
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.3 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.22 ng

RT: 16.63 min Scan# 1272

Delta R.T. -0.17 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampled :

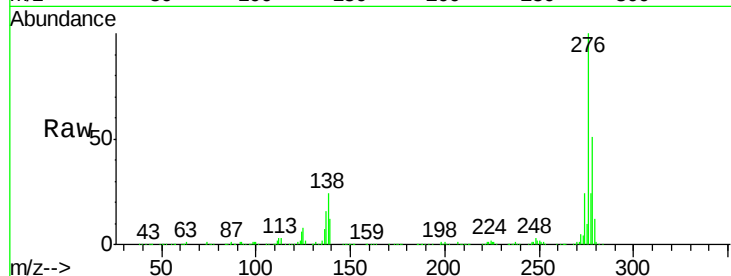
Tgt Ion:276 Resp: 904315

Ion Ratio Lower Upper

276 100

138 24.7 20.6 30.8

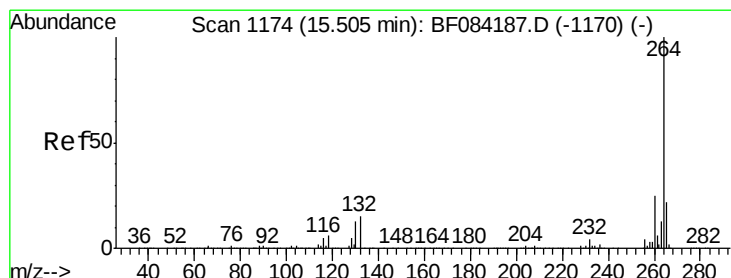
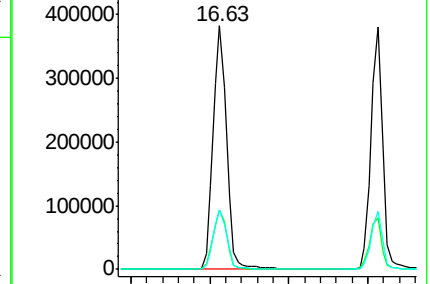
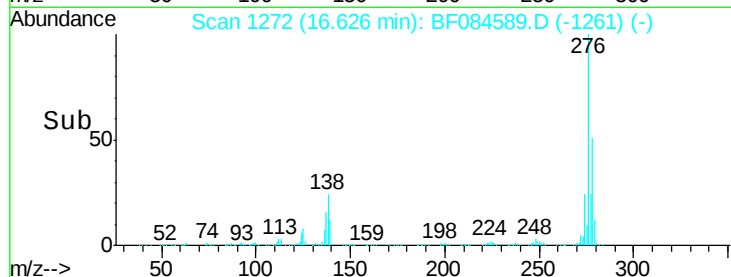
277 24.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.11 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

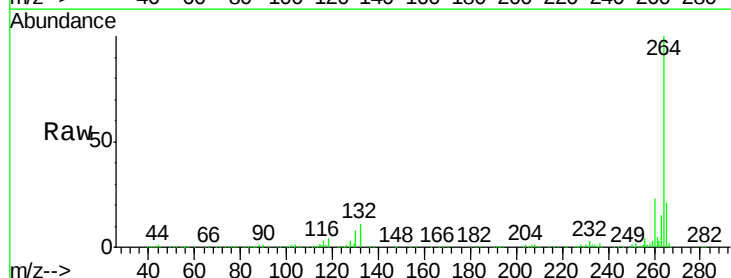
Tgt Ion:264 Resp: 432365

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

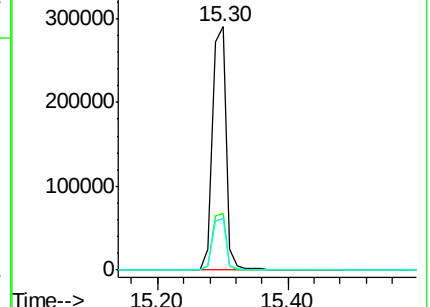
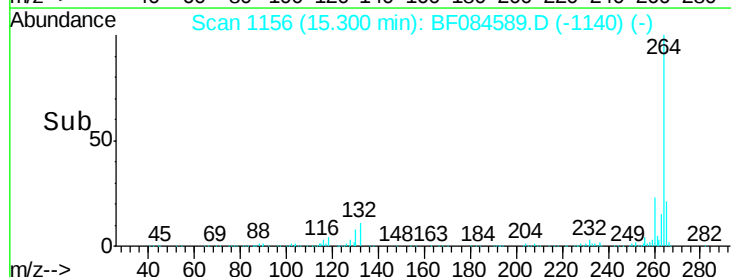
265 21.3 17.8 26.6

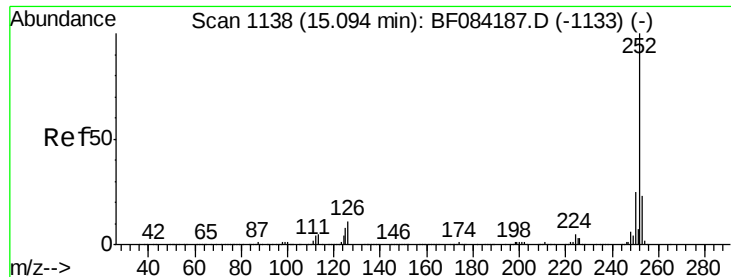


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

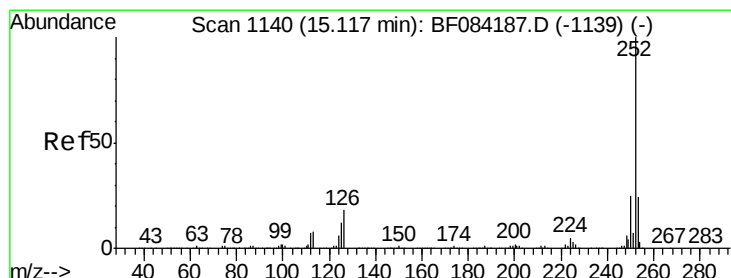
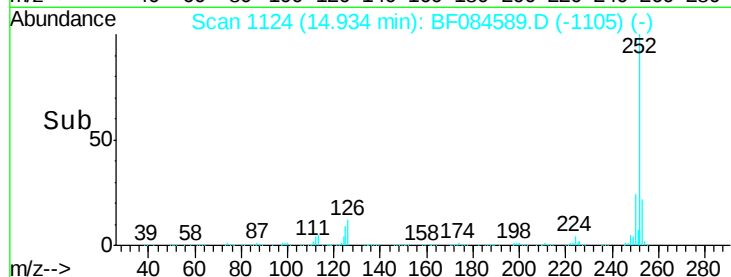
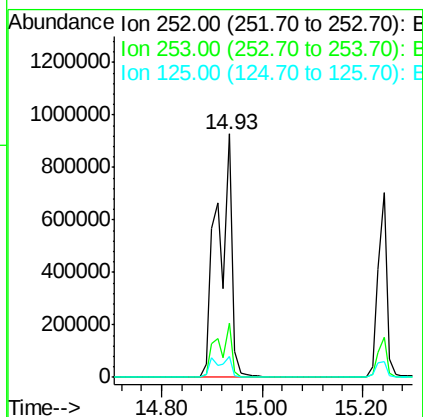
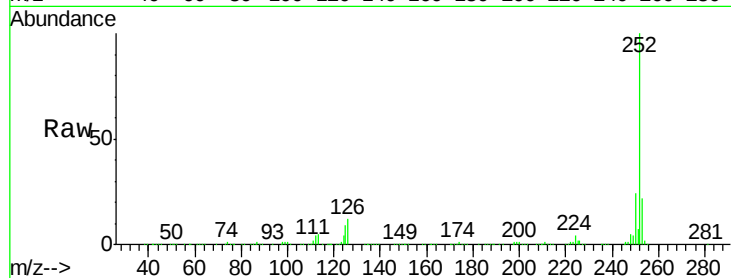




#87
Benzo(b)fluoranthene
Concen: 65.74 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

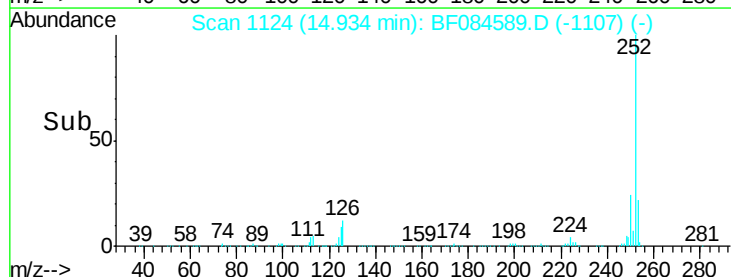
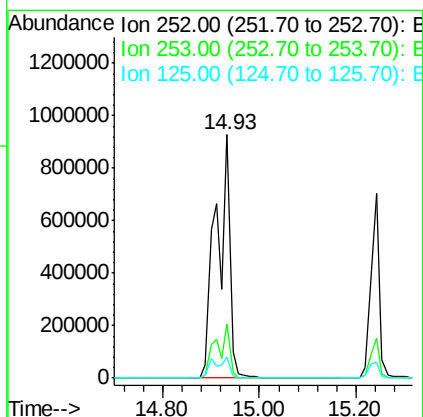
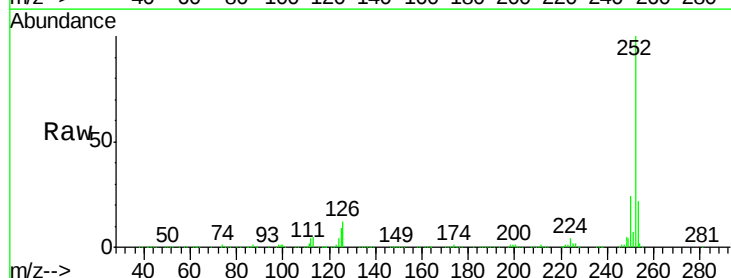
Instrument :
BNA_F
ClientSampleId :

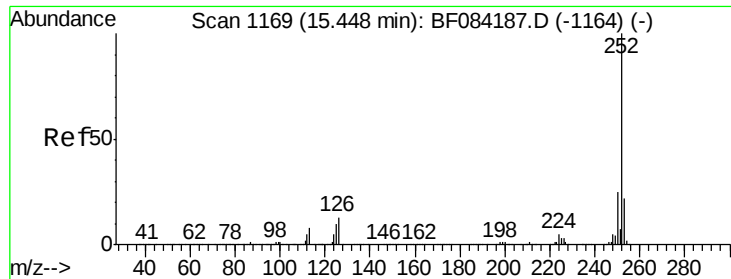
Tgt Ion:252 Resp: 1859273
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 8.5 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 80.40 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.10 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:252 Resp: 1859738
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 8.5 9.0 13.6#

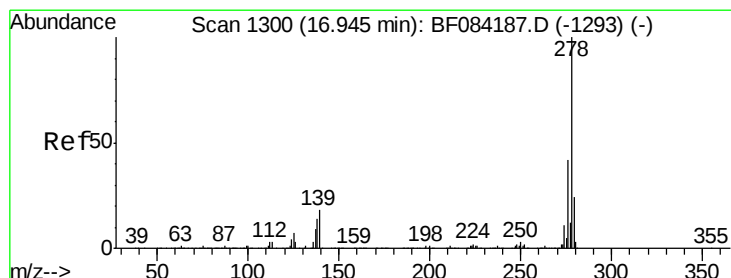
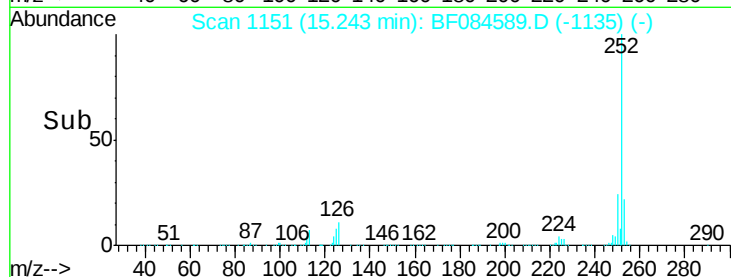
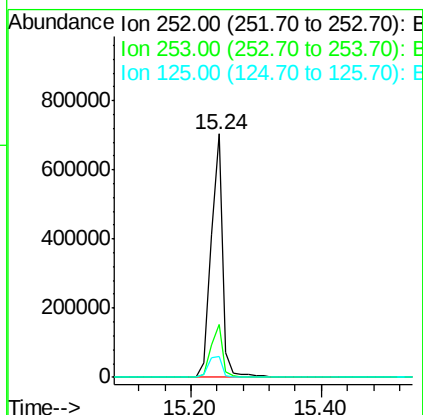
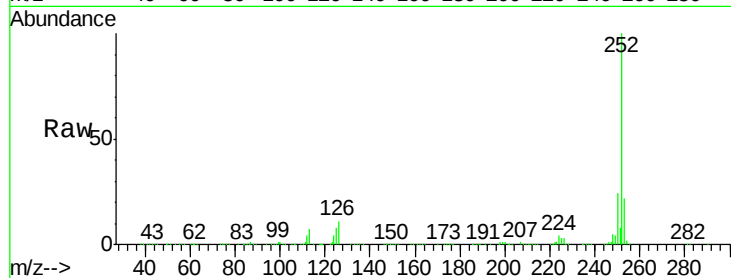




#89
Benzo(a)pyrene
Concen: 36.39 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

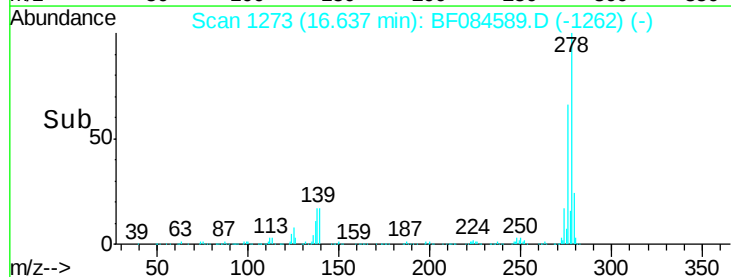
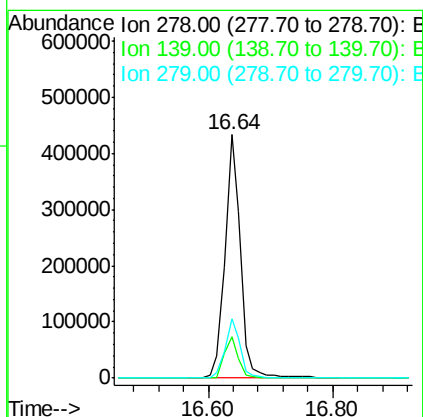
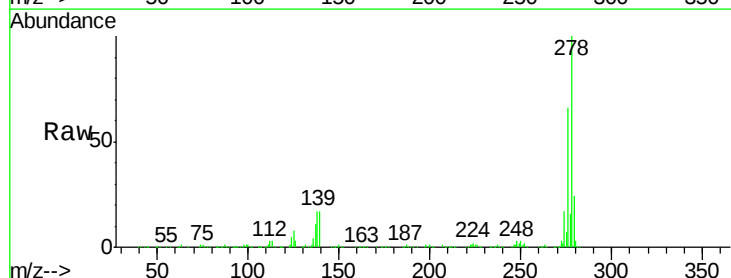
Instrument :
BNA_F
ClientSampleId :

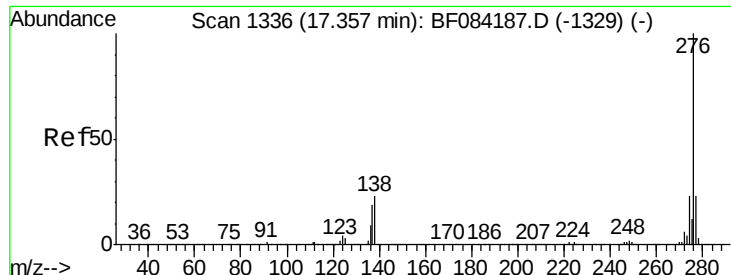
Tgt Ion:252 Resp: 873078
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 8.4 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 36.19 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.17 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:278 Resp: 746965
Ion Ratio Lower Upper
278 100
139 16.9 15.0 22.4
279 24.3 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 35.65 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.19 min

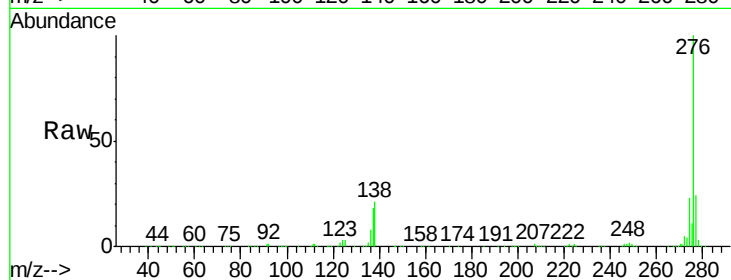
Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :



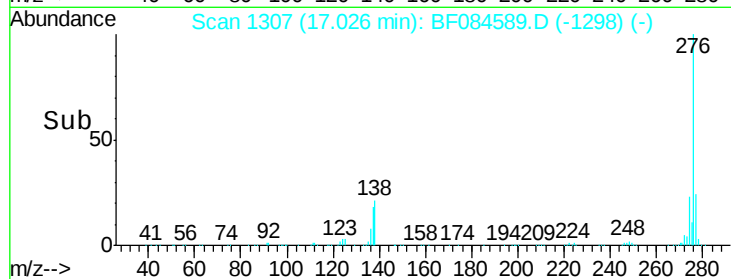
Tgt Ion: 276 Resp: 762053

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.1 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

