

Data Path : Z:\HPCHEM1\BNA F\Data\BF123015\
 Data File : BF084173.D
 Acq On : 31 Dec 2015 3:39
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 10:00:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 04:29:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	330803	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1390759	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	640087	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	1159714	20.00	ng	0.00
75) Chrysene-d12	14.07	240	915184	20.00	ng	0.00
86) Perylene-d12	15.51	264	690941	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1773262	85.96	ng	0.00
7) Phenol-d6	6.52	99	2016612	75.52	ng	0.00
23) Nitrobenzene-d5	7.47	82	2024129	86.00	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	500665	78.37	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2850037	73.50	ng	0.00
78) Terphenyl-d14	13.01	244	2627215	67.61	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	399272	40.38	ng	99
3) Pyridine	3.25	79	1163714	42.85	ng	96
4) n-Nitrosodimethylamine	3.21	42	575513	42.63	ng	99
6) Aniline	6.57	93	1564873	41.02	ng	100
8) 2-Chlorophenol	6.68	128	914423	38.95	ng	99
9) Benzaldehyde	6.44	77	624218	37.50	ng	99
10) Phenol	6.53	94	1082921	34.22	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	874645	38.40	ng	98
12) 1,3-Dichlorobenzene	6.84	146	988006	40.74	ng	98
13) 1,4-Dichlorobenzene	6.92	146	1024798	42.28	ng	100
14) 1,2-Dichlorobenzene	7.07	146	859481	40.72	ng	98
15) Benzyl Alcohol	7.05	79	943032	42.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1615697	38.25	ng	99
17) 2-Methylphenol	7.15	107	777180	39.80	ng	99
18) Hexachloroethane	7.41	117	396885	41.52	ng	# 70
19) n-Nitroso-di-n-propylamine	7.32	70	683006	38.86	ng	100
20) 3+4-Methylphenols	7.31	107	1016585	43.11	ng	99
22) Acetophenone	7.31	105	1306570	38.52	ng	100
24) Nitrobenzene	7.48	77	930017	38.36	ng	98
25) Isophorone	7.73	82	1893452	39.51	ng	100
26) 2-Nitrophenol	7.80	139	449979	42.84	ng	98
27) 2,4-Dimethylphenol	7.84	122	866272	38.48	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	1072481	36.92	ng	99
29) 2,4-Dichlorophenol	8.04	162	792454	41.35	ng	100
30) 1,2,4-Trichlorobenzene	8.13	180	844670	41.57	ng	98
31) Naphthalene	8.21	128	2584440	40.68	ng	100
32) Benzoic acid	7.95	122	614714	37.10	ng	98
33) 4-Chloroaniline	8.26	127	1224587	42.21	ng	99
34) Hexachlorobutadiene	8.34	225	445058	38.43	ng	100
35) Caprolactam	8.64	113	270963	40.80	ng	98
36) 4-Chloro-3-methylphenol	8.74	107	918033	41.80	ng	99
37) 2-Methylnaphthalene	8.90	142	1633943	36.31	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	777569	42.81	ng	99
40) Hexachlorocyclopentadiene	9.06	237	491498	42.70	ng	100

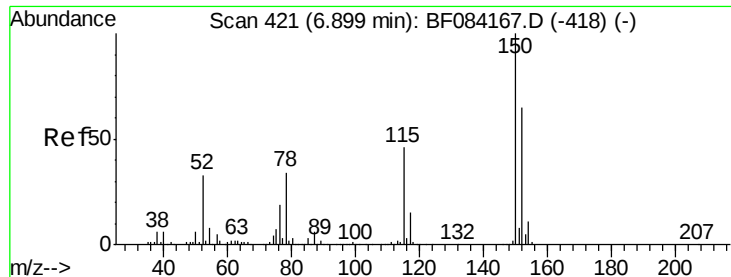
Data Path : Z:\HPCHEM1\BNA F\Data\BF123015\
 Data File : BF084173.D
 Acq On : 31 Dec 2015 3:39
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Dec 31 10:00:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 04:29:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	519498	38.62	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	518994	38.71	nq	98
45) 1,1'-Biphenyl	9.37	154	1971389	38.96	nq	99
46) 2-Chloronaphthalene	9.39	162	1505461	38.41	nq	99
47) 2-Nitroaniline	9.48	65	544937	44.60	nq	99
48) Acenaphthylene	9.80	152	2439094	37.11	nq	100
49) Dimethylphthalate	9.68	163	1910561	41.55	nq	100
50) 2,6-Dinitrotoluene	9.73	165	411620	39.86	nq	94
51) Acenaphthene	9.98	154	1647058	39.77	nq	98
52) 3-Nitroaniline	9.89	138	453403	39.49	nq	99
53) 2,4-Dinitrophenol	10.00	184	200846	56.19	nq	92
54) Dibenzofuran	10.16	168	2189379	38.58	nq	98
55) 4-Nitrophenol	10.04	139	415039	46.87	nq	100
56) 2,4-Dinitrotoluene	10.12	165	518243	39.73	nq	# 20
57) Fluorene	10.49	166	1540108	36.96	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	442629	37.91	nq	98
59) Diethylphthalate	10.37	149	1936912	44.96	nq	100
60) 4-Chlorophenyl-phenylether	10.49	204	770653	43.26	nq	98
61) 4-Nitroaniline	10.51	138	500500	46.67	nq	95
62) Azobenzene	10.65	77	2155710	42.79	nq	99
64) 4,6-Dinitro-2-methylphenol	10.53	198	262382	52.16	nq	99
65) n-Nitrosodiphenylamine	10.60	169	1402373	38.14	nq	100
66) 4-Bromophenyl-phenylether	10.98	248	538076	43.24	nq	97
67) Hexachlorobenzene	11.04	284	509778	37.74	nq	99
68) Atrazine	11.13	200	441935	36.41	nq	99
69) Pentachlorophenol	11.23	266	373288	45.35	nq	100
70) Phenanthrene	11.45	178	2433554	37.19	nq	100
71) Anthracene	11.50	178	2489343	41.49	nq	99
72) Carbazole	11.65	167	2056428	36.02	nq	99
73) Di-n-butylphthalate	12.00	149	2698221	41.92	nq	99
74) Fluoranthene	12.64	202	2349510	41.37	nq	99
76) Benzidine	12.76	184	1380008	38.55	nq	99
77) Pyrene	12.87	202	2408029	34.80	nq	99
79) Butylbenzylphthalate	13.49	149	1262612	41.96	nq	96
80) Benzo(a)anthracene	14.05	228	2040170	38.62	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	813857	40.81	nq	99
82) Chrysene	14.09	228	1666081	34.22	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	1399640	38.15	nq	100
84) Di-n-octyl phthalate	14.67	149	2396370	40.49	nq	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	1543908	38.15	nq	99
87) Benzo(b)fluoranthene	15.08	252	1939641	43.05	nq	100
88) Benzo(k)fluoranthene	15.08	252	1939641	51.60	nq	# 98
89) Benzo(a)pyrene	15.44	252	1559024	40.26	nq	99
90) Dibenzo(a,h)anthracene	16.95	278	1272041	40.29	nq	99
91) Benzo(g,h,i)perylene	17.35	276	1289659	39.50	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

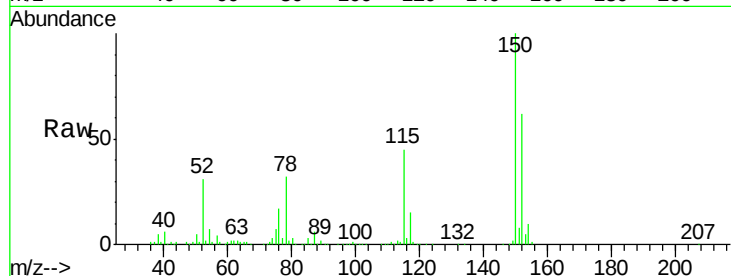
Tot Ion:152 Resp: 330803

Ion Ratio Lower Upper

152 100

150 161.0 123.8 185.8

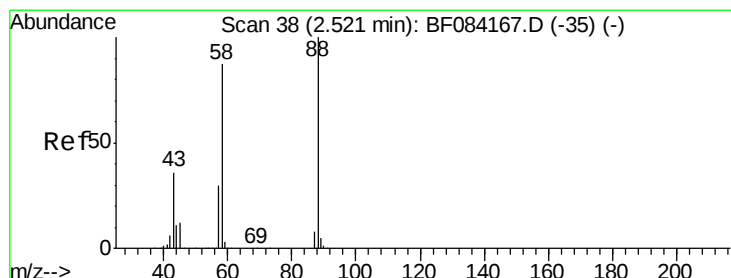
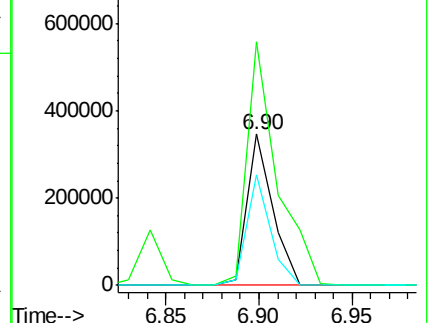
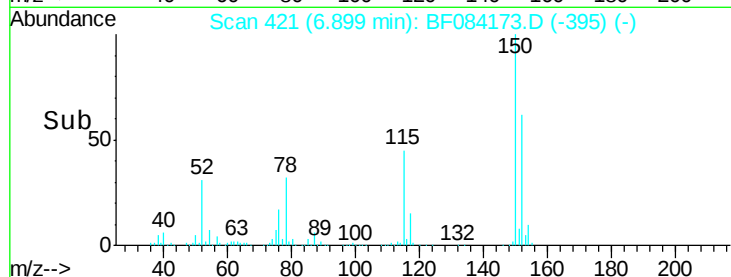
115 73.1 57.1 85.7



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: 40.38 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

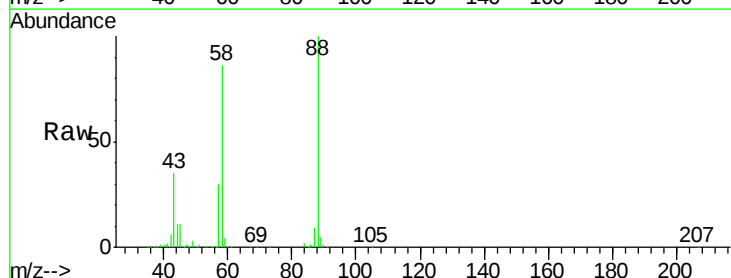
Tgt Ion: 88 Resp: 399272

Ion Ratio Lower Upper

88 100

58 86.2 67.8 101.6

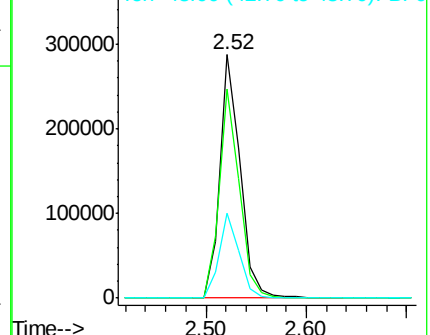
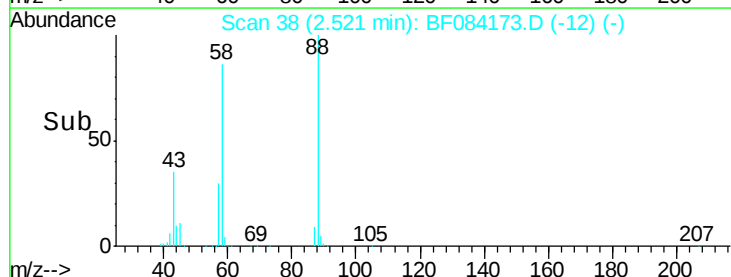
43 34.7 27.8 41.8

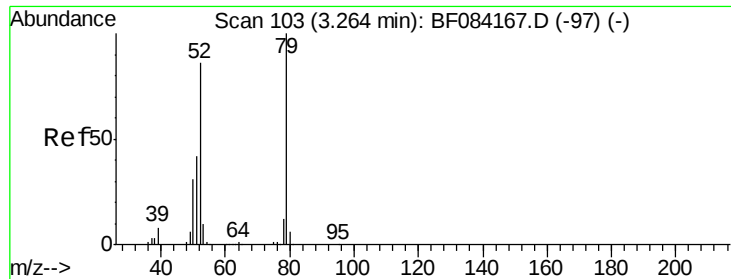


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.85 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.01 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

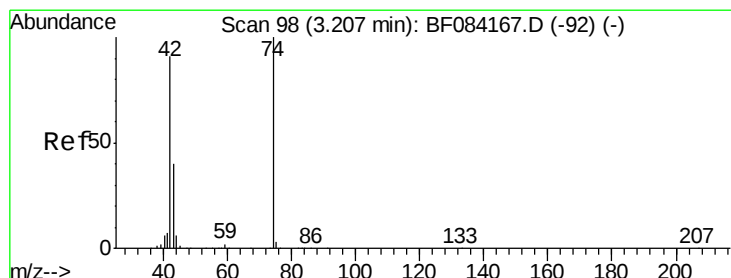
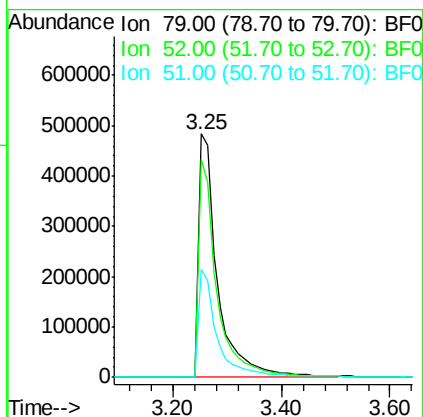
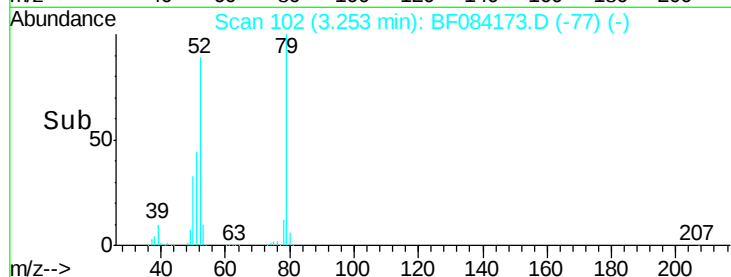
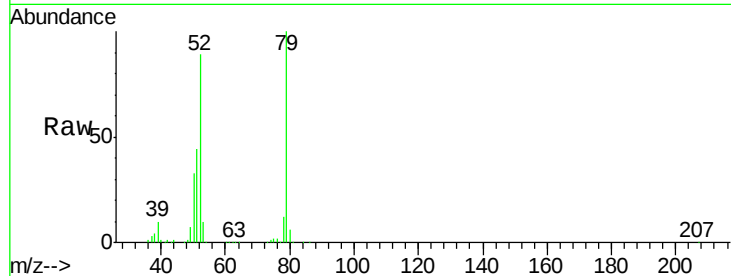
Tot Ion: 79 Resp: 1163714

Ion Ratio Lower Upper

79 100

52 89.4 68.5 102.7

51 44.2 33.7 50.5



#4

n-Nitrosodimethylamine

Concen: 42.63 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

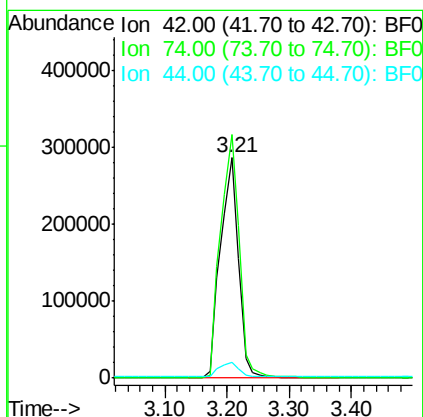
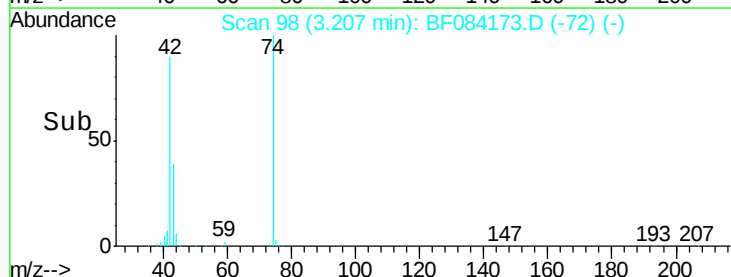
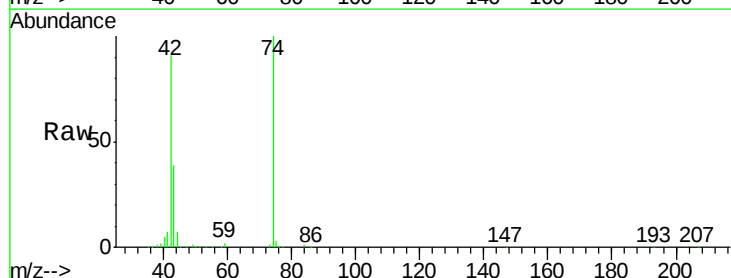
Tgt Ion: 42 Resp: 575513

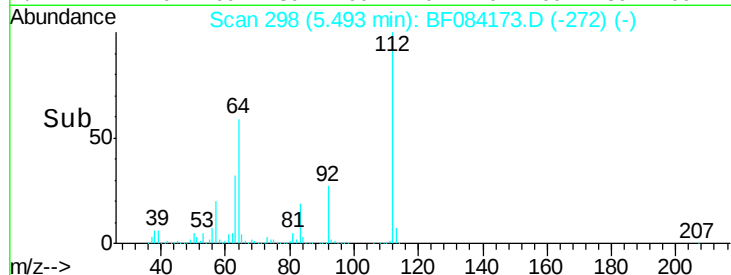
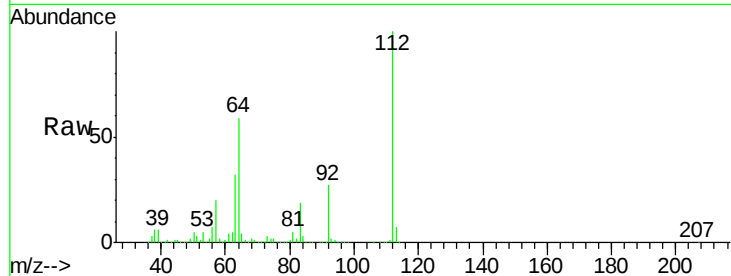
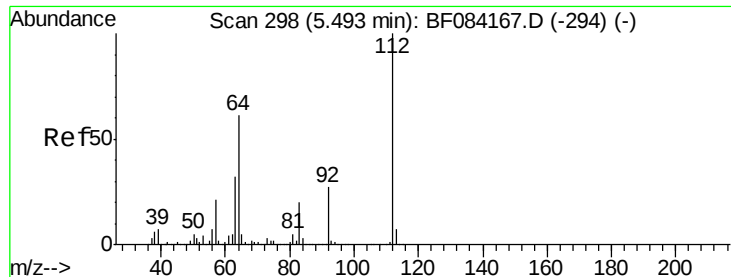
Ion Ratio Lower Upper

42 100

74 110.5 87.8 131.8

44 7.4 6.3 9.5





#5

2-Fluorophenol

Concen: 85.96 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

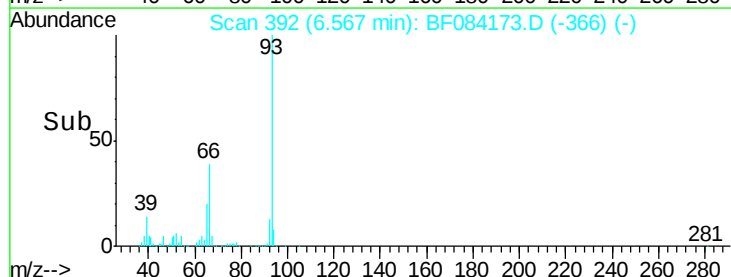
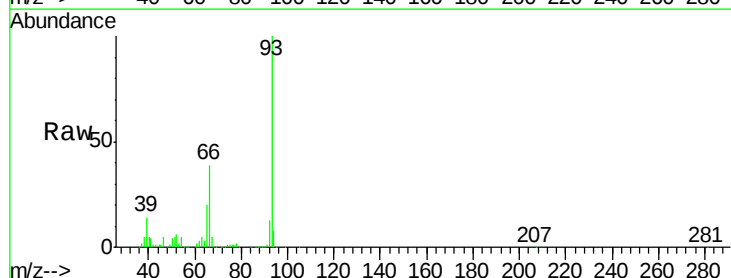
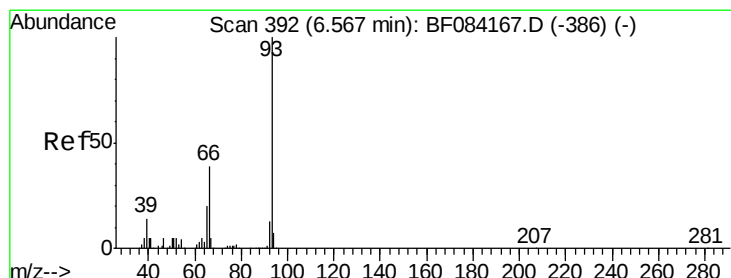
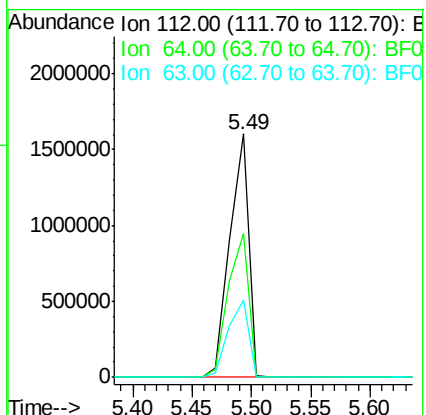
Tot Ion:112 Resp: 1773262

Ion Ratio Lower Upper

112 100

64 58.8 48.7 73.1

63 31.6 25.9 38.9



#6

Aniline

Concen: 41.02 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

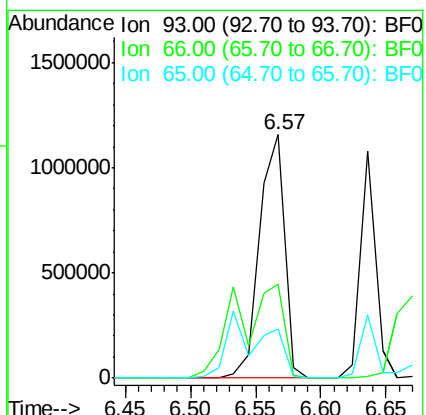
Tgt Ion: 93 Resp: 1564873

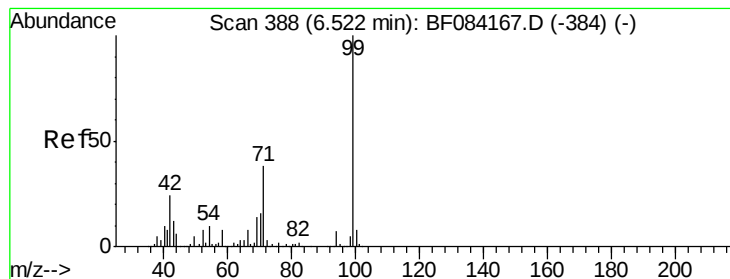
Ion Ratio Lower Upper

93 100

66 38.8 31.2 46.8

65 20.3 16.2 24.4





#7

Phenol-d6

Concen: 75.52 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

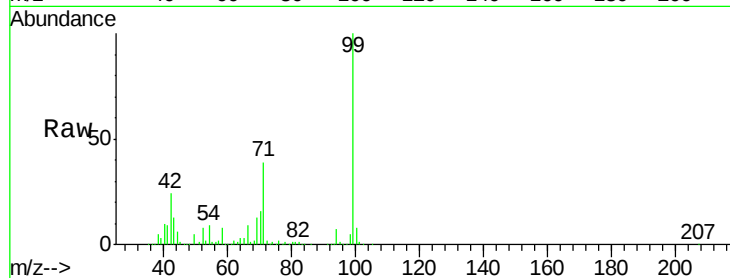
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2016612

Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.2	28.8
71	38.6	30.4	45.6

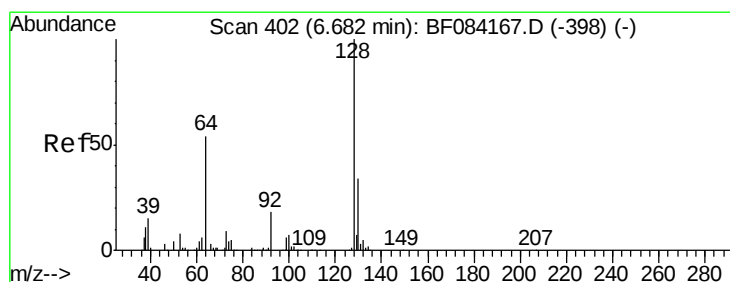
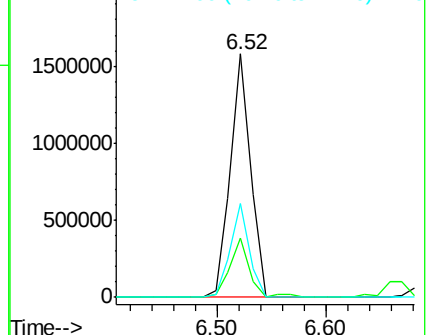
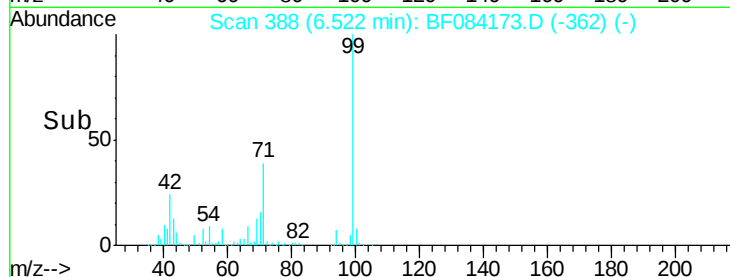


Abundance

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: 38.95 ng

RT: 6.68 min Scan# 402

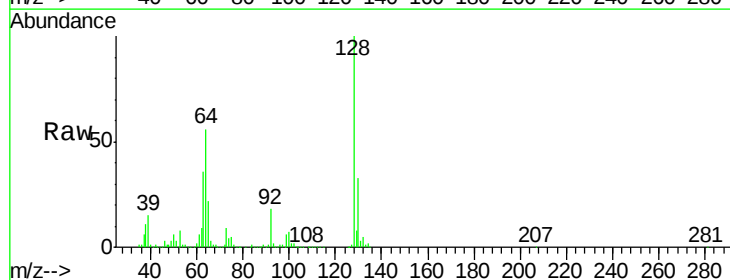
Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Tgt Ion: 128 Resp: 914423

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.5	53.5
64	55.7	36.9	76.9

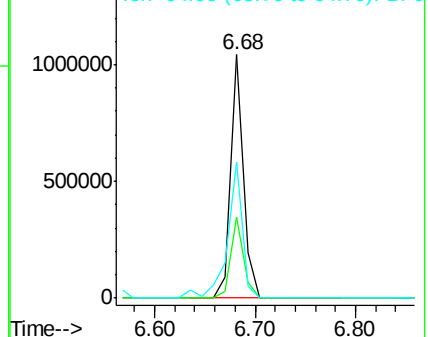
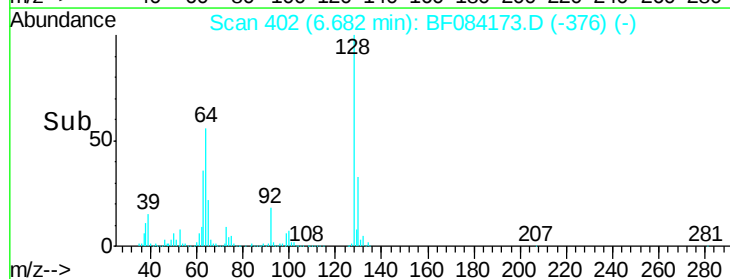


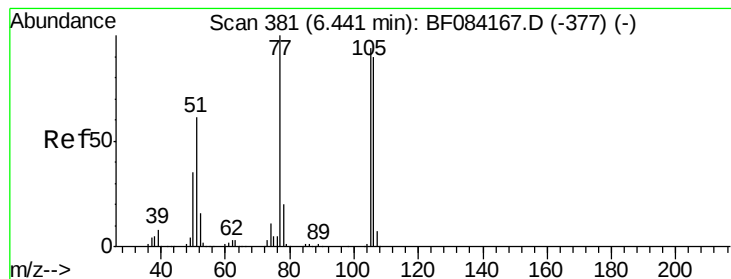
Abundance

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: 37.50 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

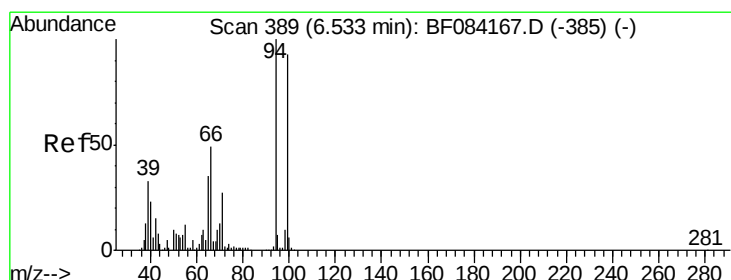
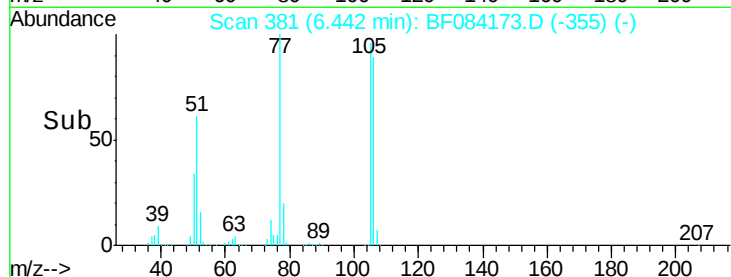
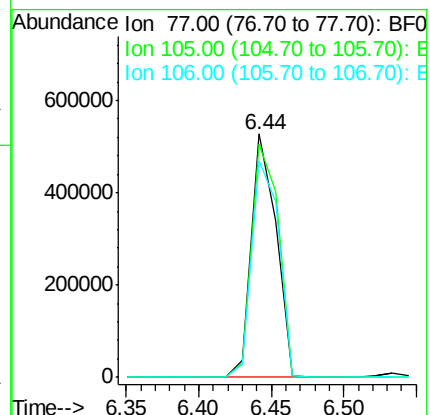
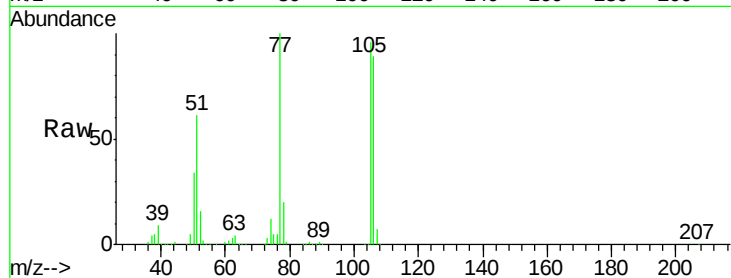
Tot Ion: 77 Resp: 624218

Ion Ratio Lower Upper

77 100

105 95.6 73.7 113.7

106 89.2 69.5 109.5



#10

Phenol

Concen: 34.22 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

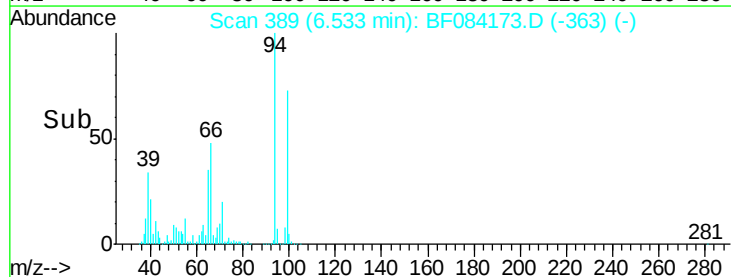
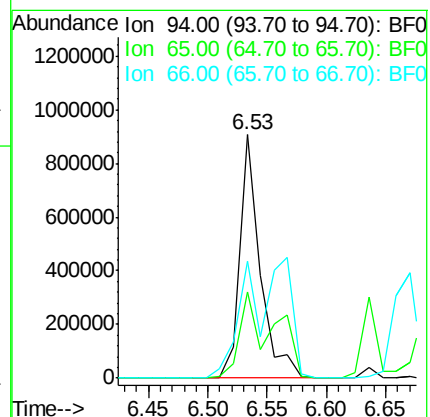
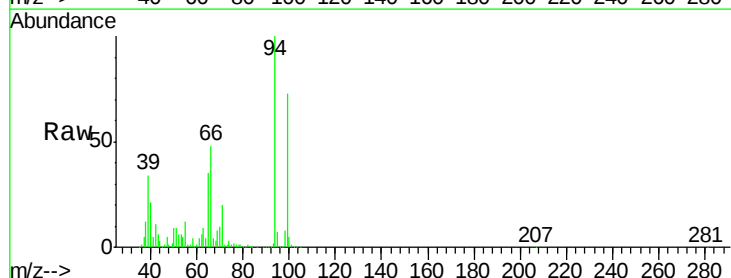
Tgt Ion: 94 Resp: 1082921

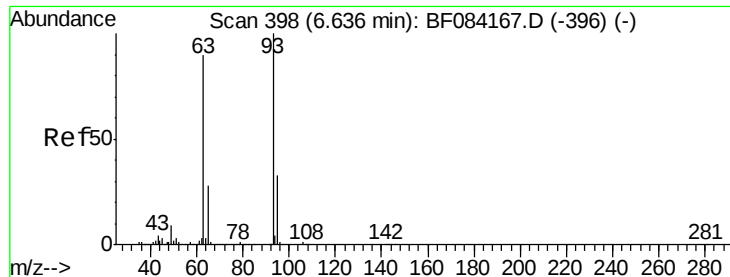
Ion Ratio Lower Upper

94 100

65 35.4 15.2 55.2

66 47.8 29.0 69.0

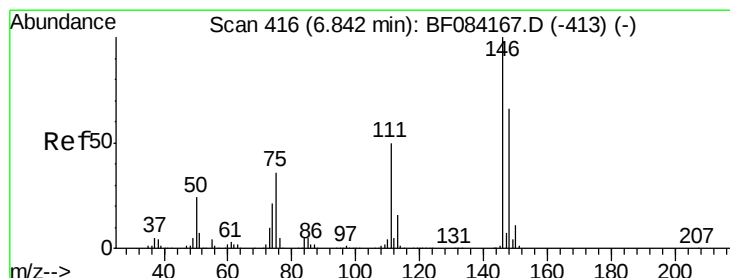
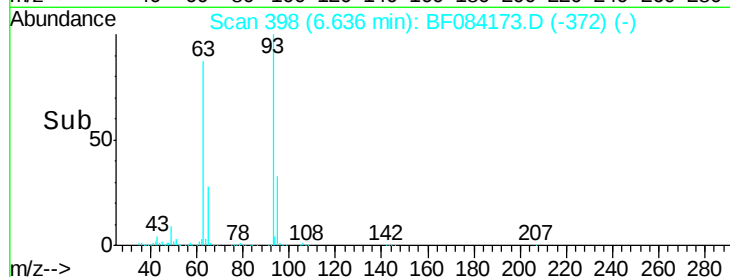
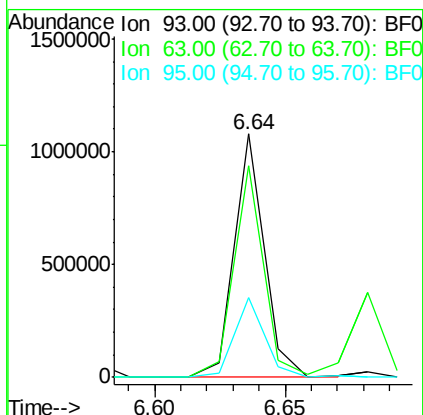
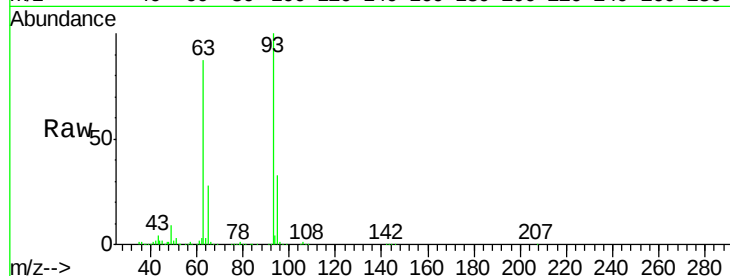




#11
bis(2-Chloroethyl)ether
Concen: 38.40 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

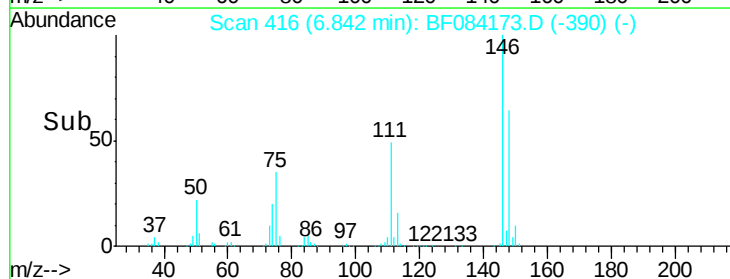
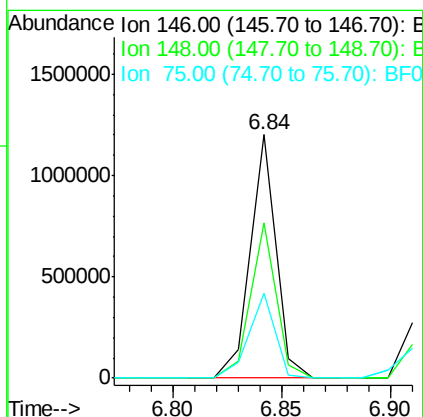
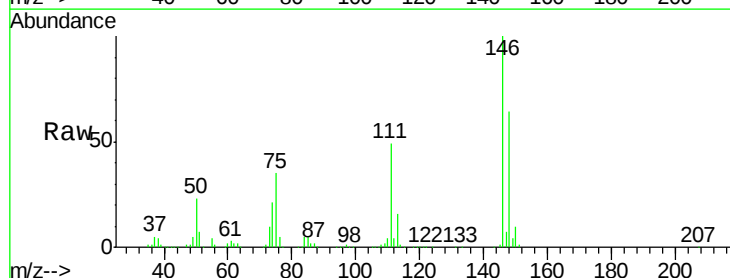
Instrument :
BNA_F
ClientSampleId :

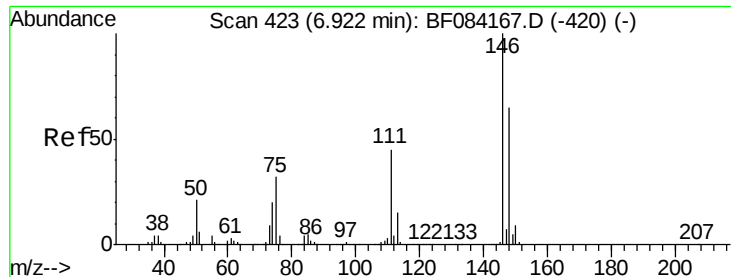
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.9	69.5	109.5
95	32.9	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 40.74 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	79.0
75	35.1	29.2	43.8





#13

1,4-Dichlorobenzene

Concen: 42.28 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

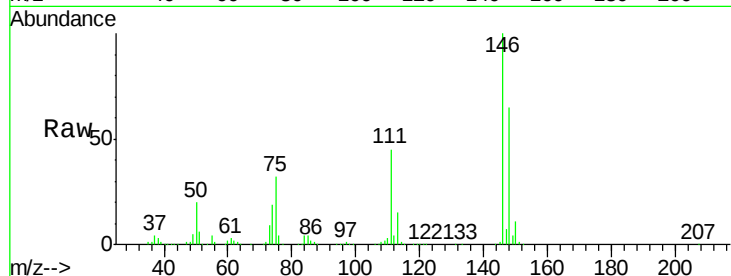
Tot Ion:146 Resp: 1024798

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

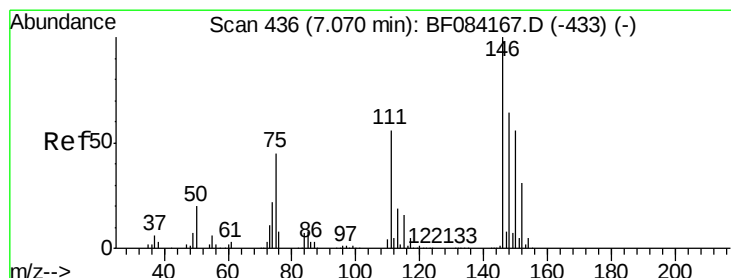
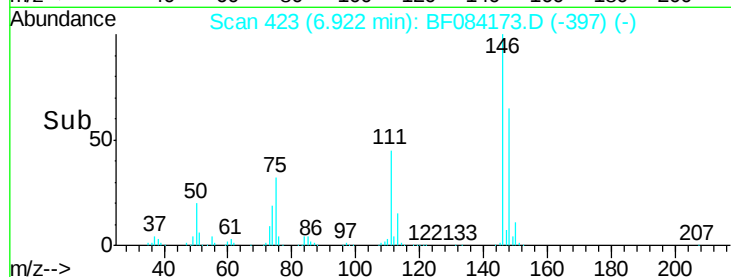
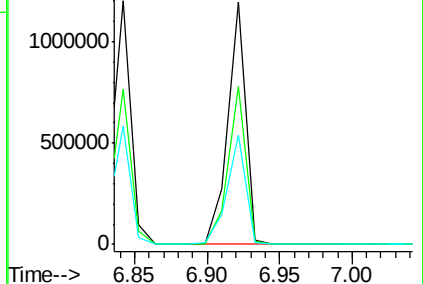
111 44.9 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.72 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

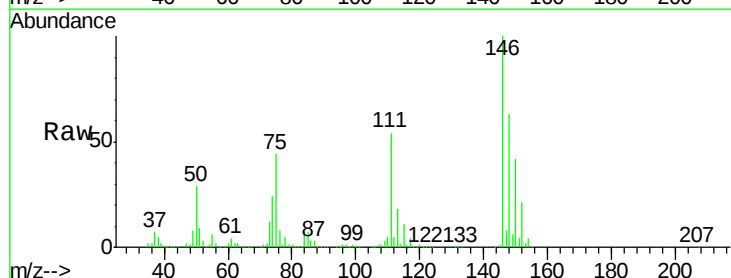
Tgt Ion:146 Resp: 859481

Ion Ratio Lower Upper

146 100

148 62.5 51.3 76.9

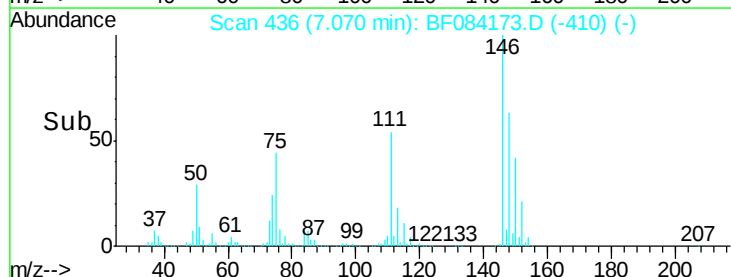
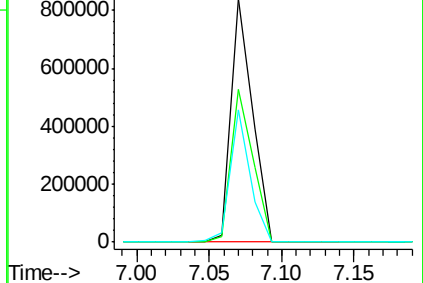
111 54.3 45.0 67.4

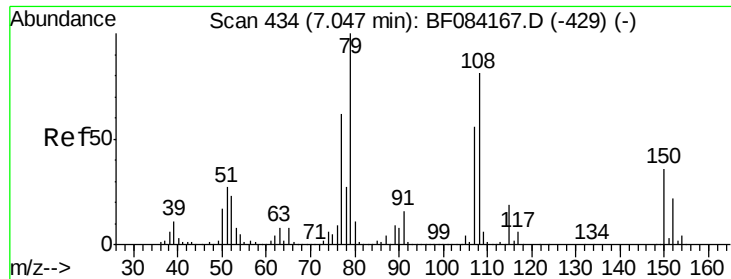


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.32 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampled :

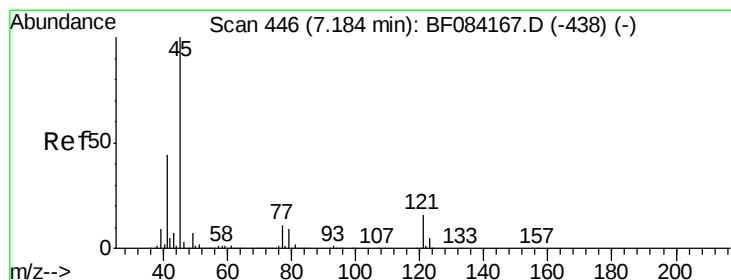
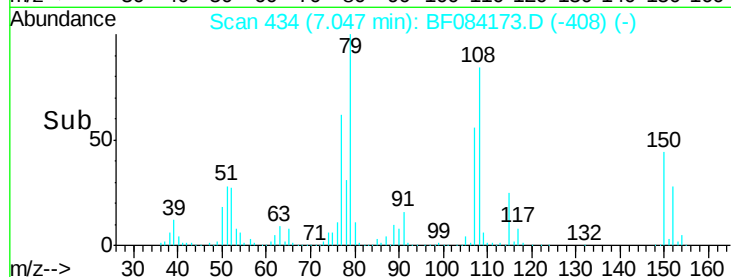
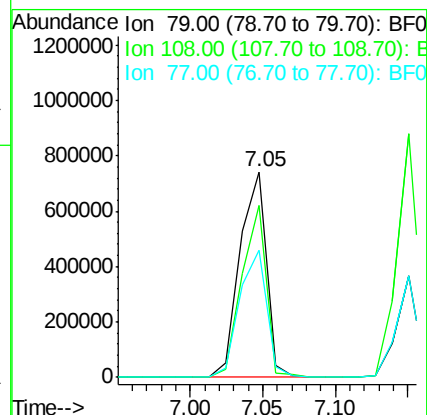
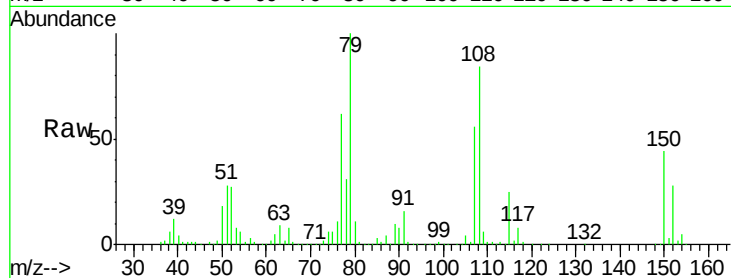
Tot Ion: 79 Resp: 943032

Ion Ratio Lower Upper

79 100

108 84.0 65.1 97.7

77 62.2 49.8 74.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.25 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

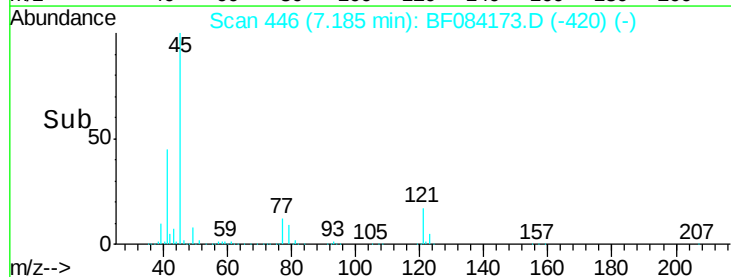
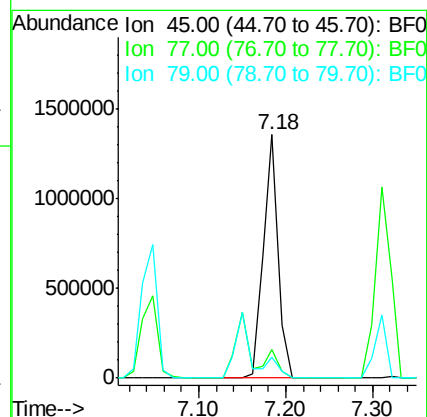
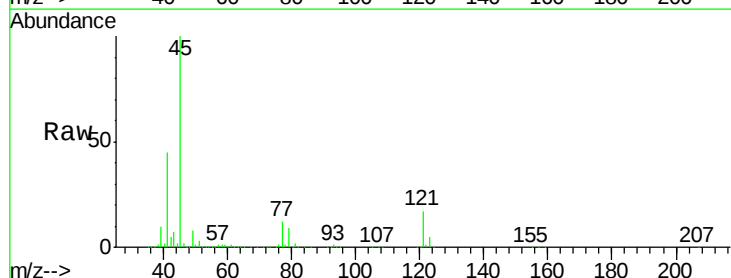
Tgt Ion: 45 Resp: 1615697

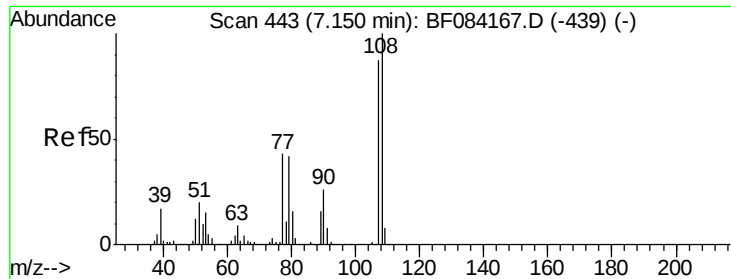
Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.2

79 8.7 0.0 28.8

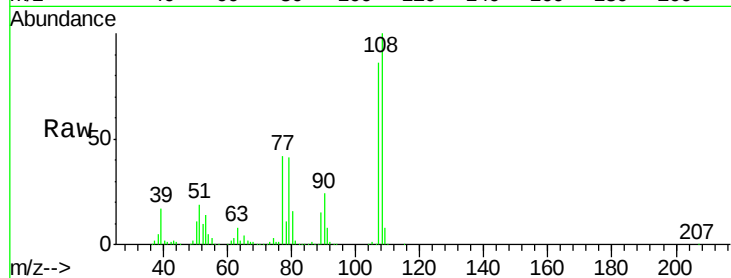




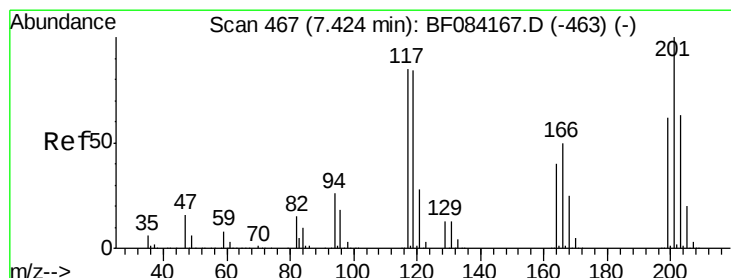
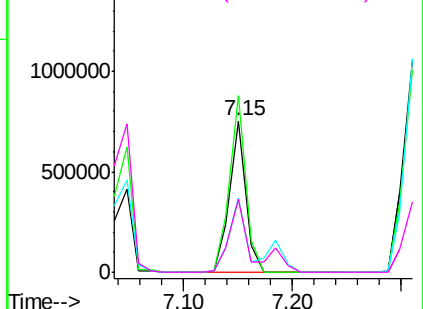
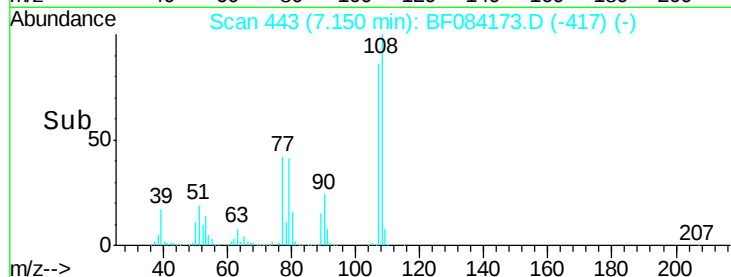
#17
2-Methylphenol
Concen: 39.80 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.7	92.2	138.2
77	48.8	39.6	59.4
79	48.4	38.9	58.3

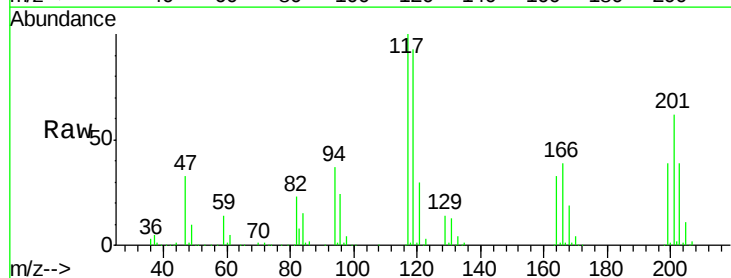


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

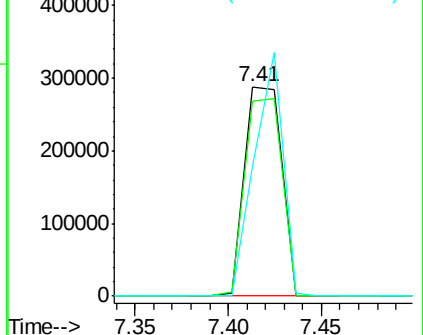
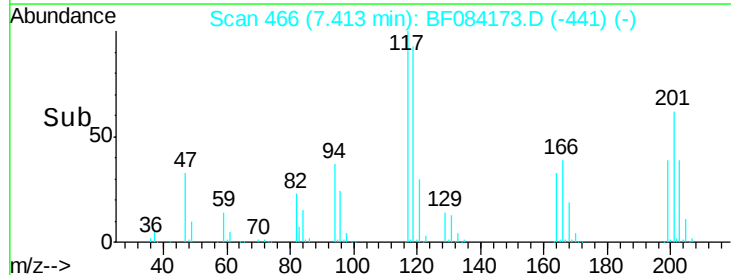


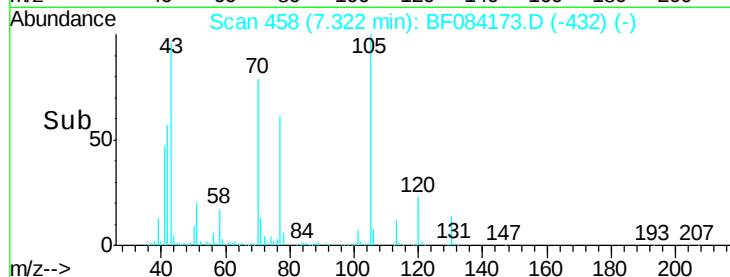
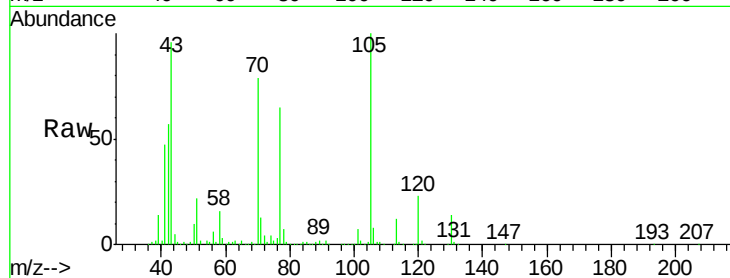
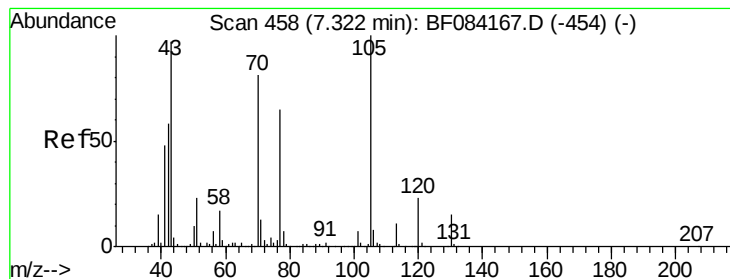
#18
Hexachloroethane
Concen: 41.52 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	79.2	118.8
201	61.9	93.9	140.9#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.86 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 683006

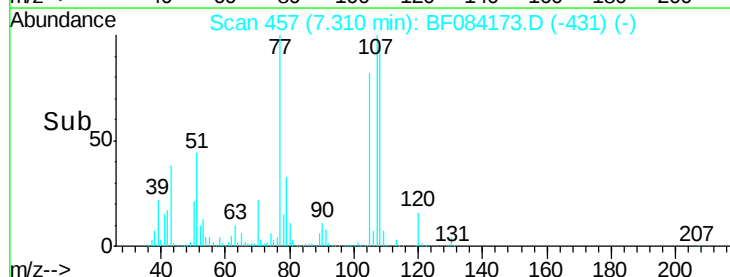
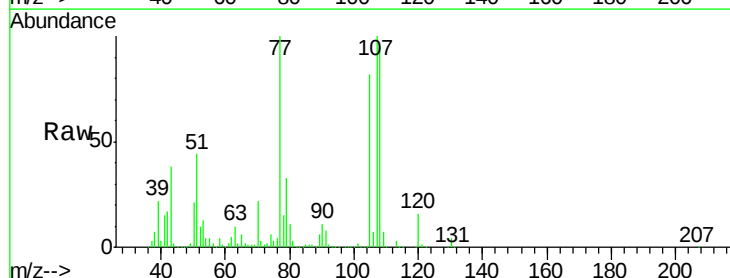
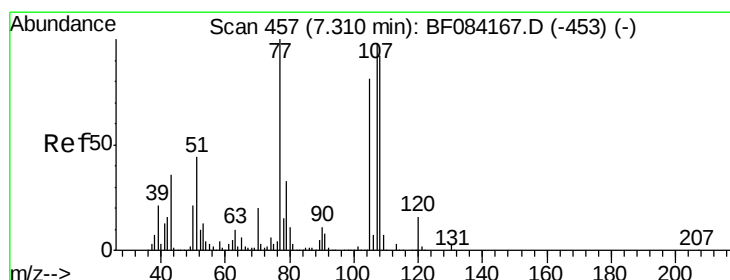
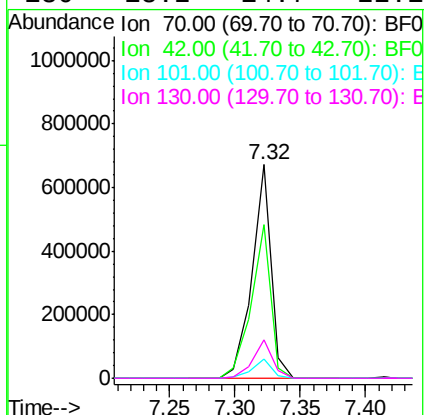
Ion Ratio Lower Upper

70 100

42 71.7 57.4 86.0

101 9.0 7.3 10.9

130 18.2 14.7 22.1



#20

3+4-Methylphenols

Concen: 43.11 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Tgt Ion:107 Resp: 1016585

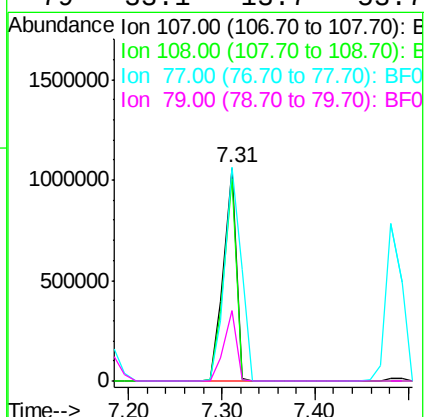
Ion Ratio Lower Upper

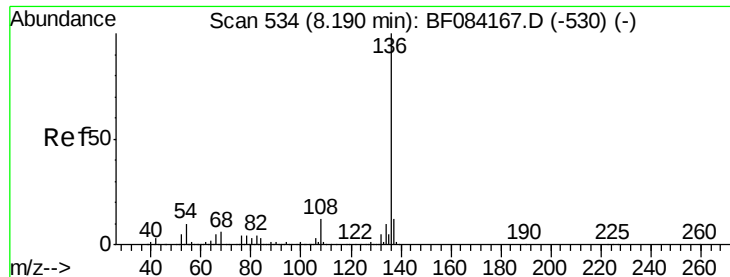
107 100

108 95.0 74.5 114.5

77 100.3 82.4 122.4

79 33.1 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1390759

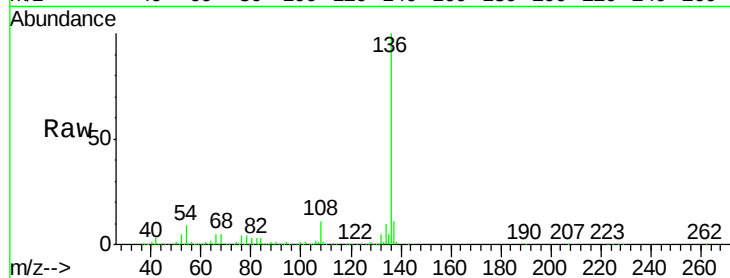
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 8.8 7.6 11.4

68 5.0 4.6 6.8

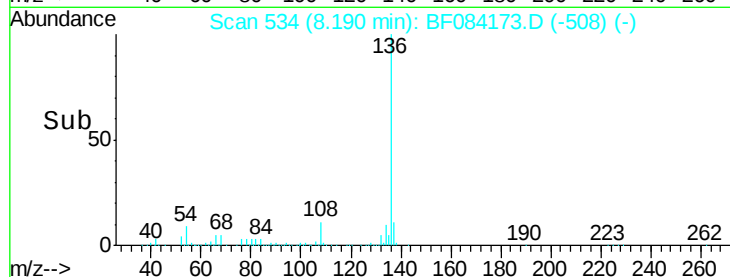


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

8.19

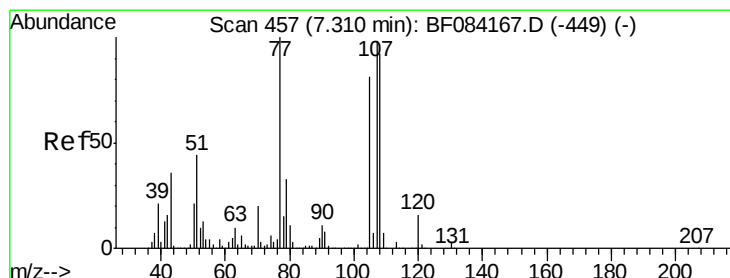
1500000

1000000

500000

0

Time-->



#22

Acetophenone

Concen: 38.52 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Tgt Ion:105 Resp: 1306570

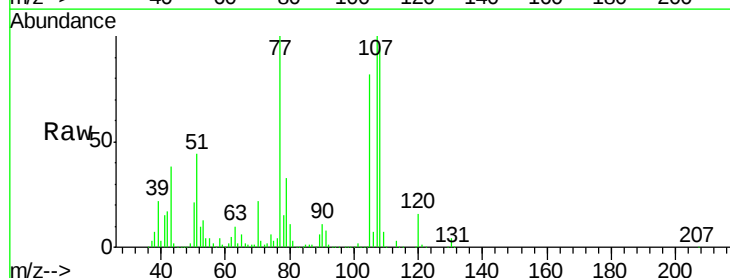
Ion Ratio Lower Upper

105 100

71 4.2 3.2 4.8

51 54.1 43.2 64.8

120 19.8 16.0 24.0

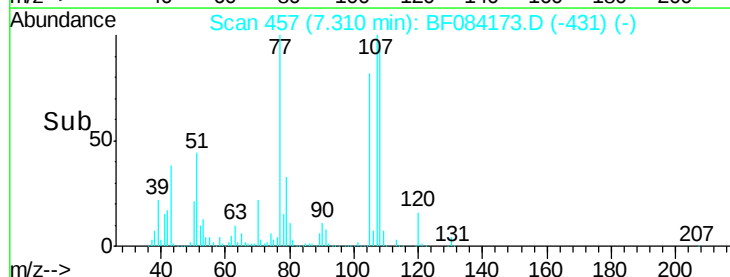


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

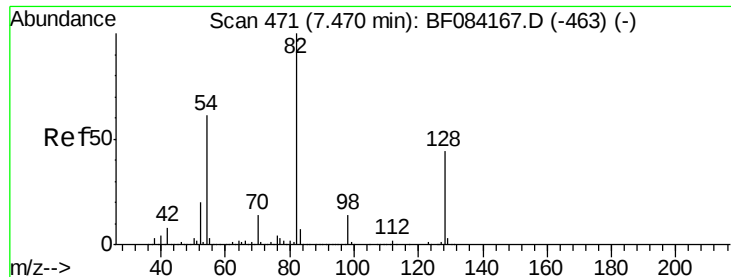
7.31

1000000

500000

0

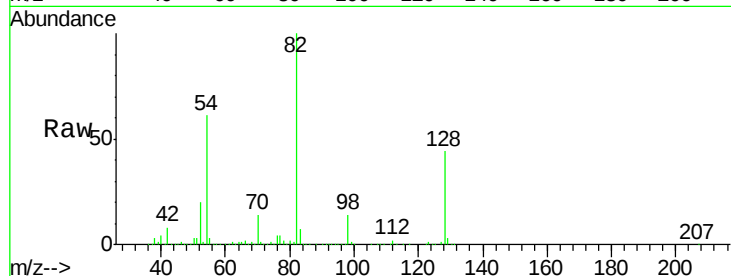
Time-->



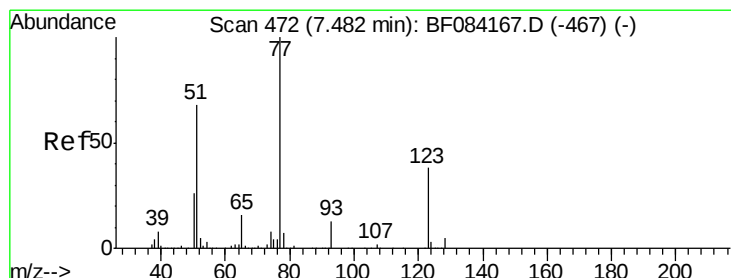
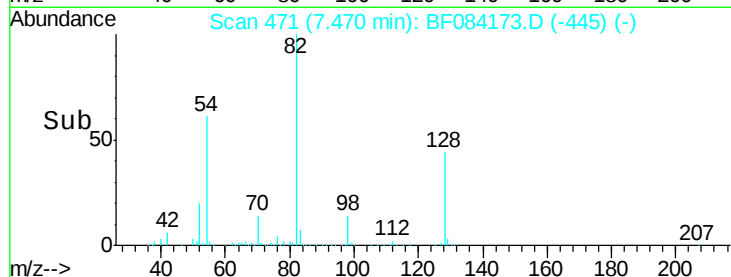
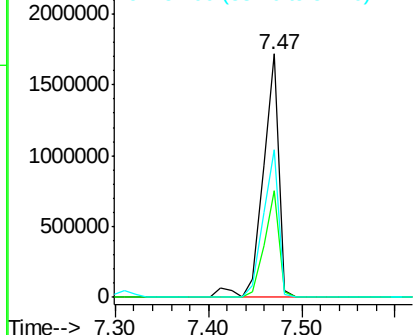
#23
Nitrobenzene-d5
Concen: 86.00 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2024129
Ion Ratio Lower Upper
82 100
128 43.8 35.0 52.4
54 60.5 48.5 72.7

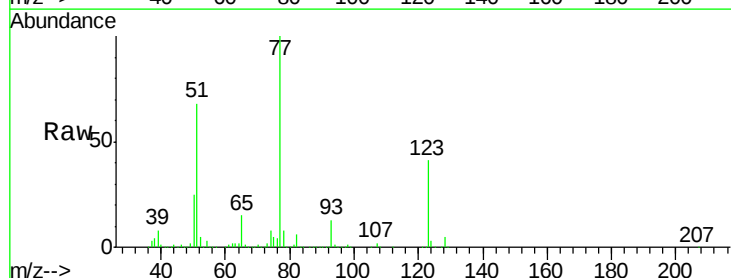


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

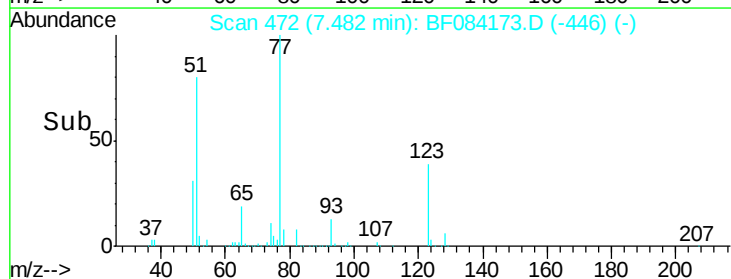
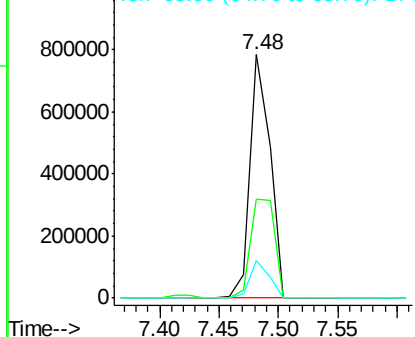


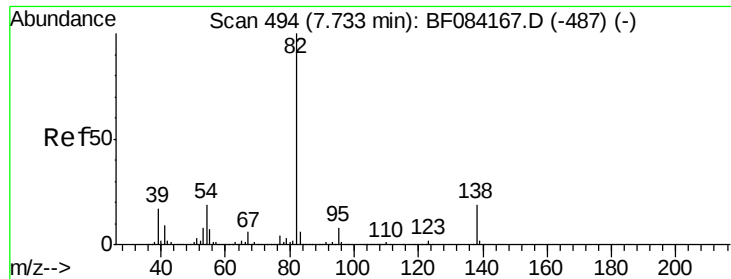
#24
Nitrobenzene
Concen: 38.36 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion: 77 Resp: 930017
Ion Ratio Lower Upper
77 100
123 40.5 31.3 46.9
65 15.4 12.6 19.0



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





#25

Isophorone

Concen: 39.51 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

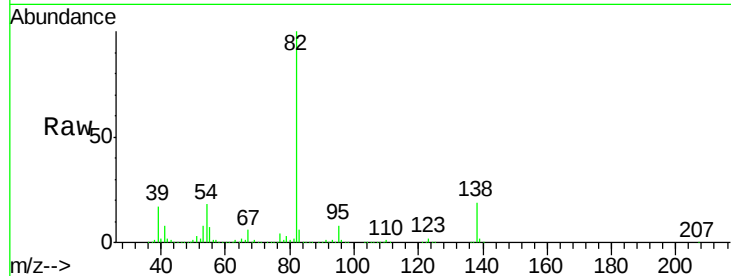
Tot Ion: 82 Resp: 1893452

Ion Ratio Lower Upper

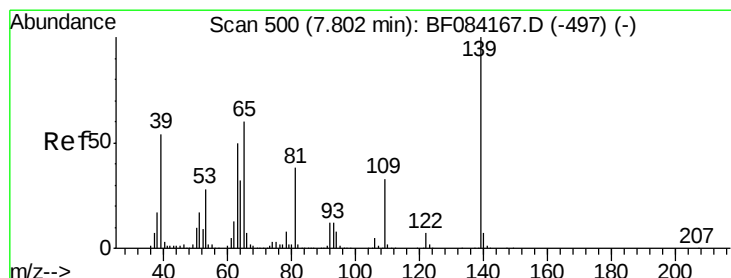
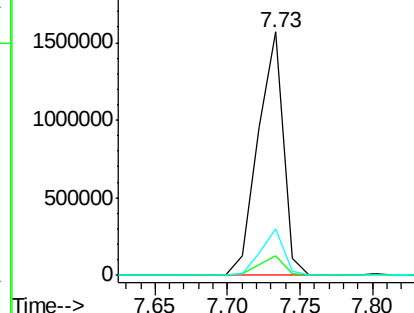
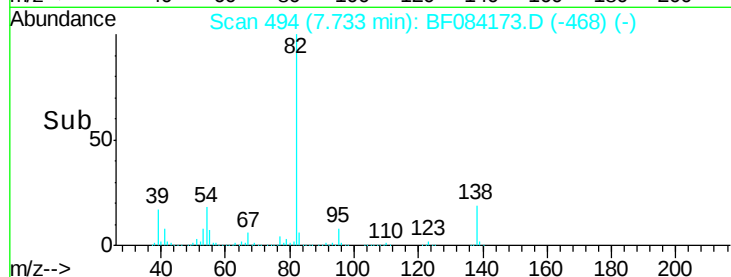
82 100

95 7.8 6.5 9.7

138 18.9 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.84 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

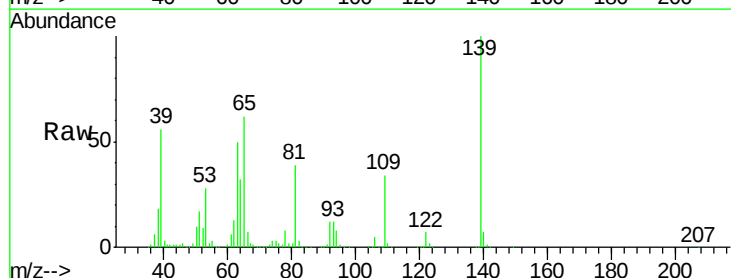
Tgt Ion: 139 Resp: 449979

Ion Ratio Lower Upper

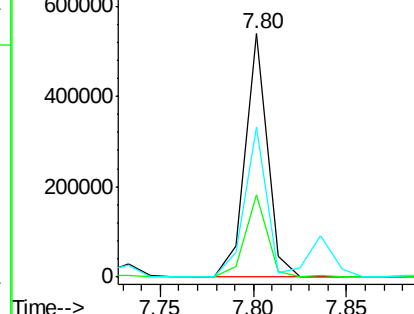
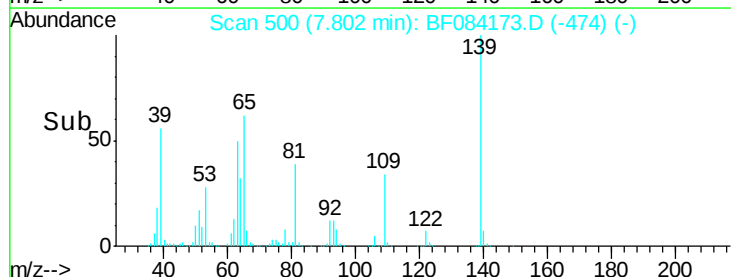
139 100

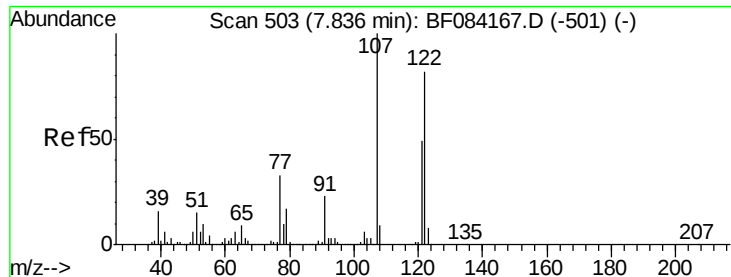
109 34.0 26.2 39.4

65 61.6 48.2 72.4



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





#27

2,4-Dimethylphenol

Concen: 38.48 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

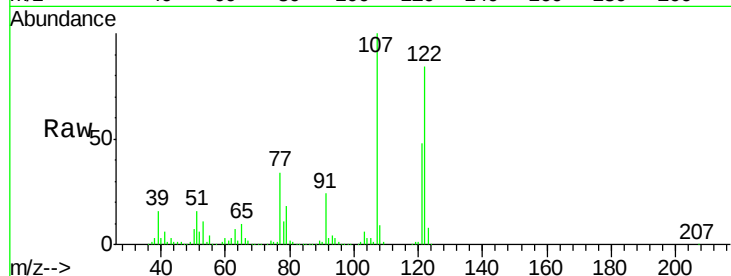
Tot Ion:122 Resp: 866272

Ion Ratio Lower Upper

122 100

107 119.4 96.8 145.2

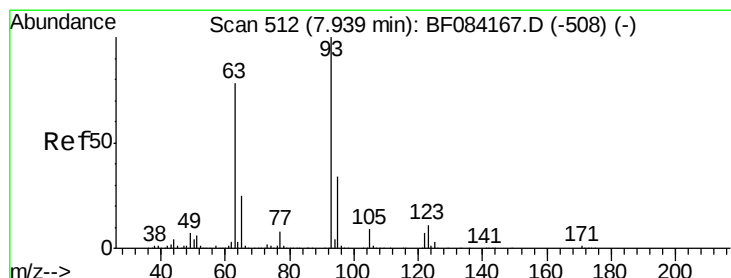
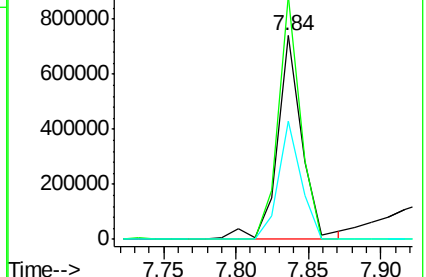
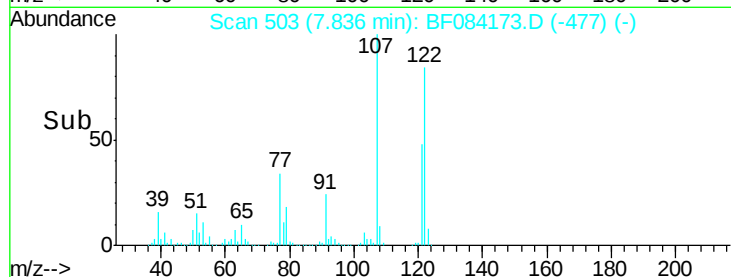
121 57.8 47.0 70.6



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: 36.92 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

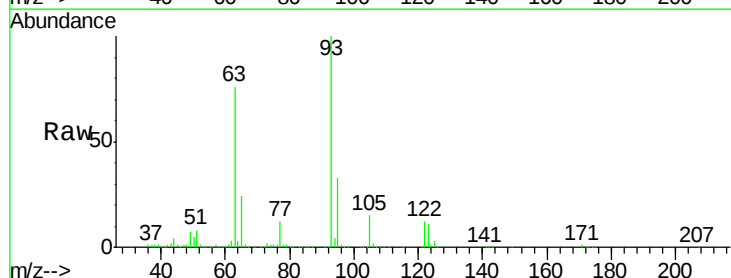
Tgt Ion: 93 Resp: 1072481

Ion Ratio Lower Upper

93 100

95 33.2 27.1 40.7

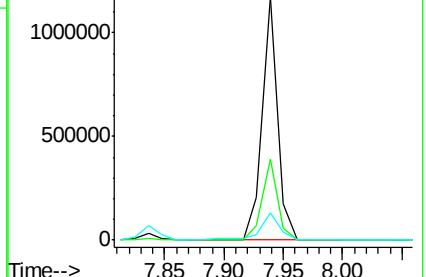
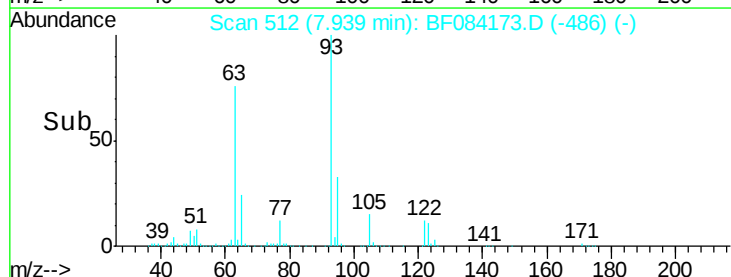
123 11.0 8.8 13.2

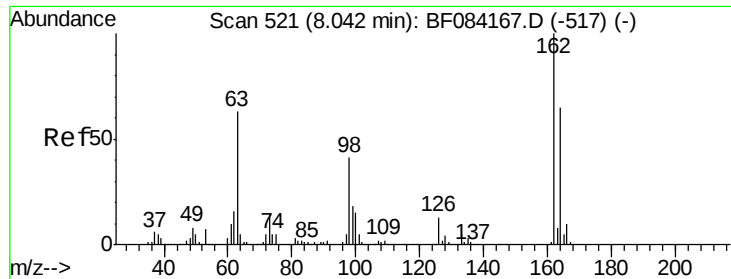


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

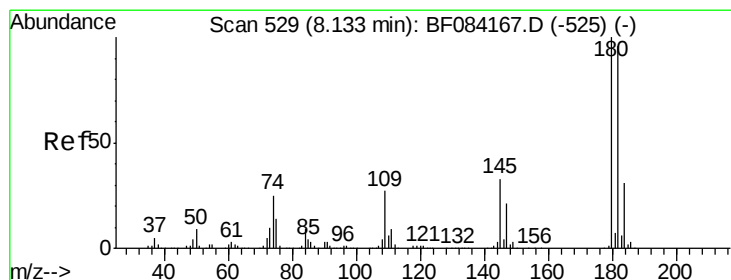
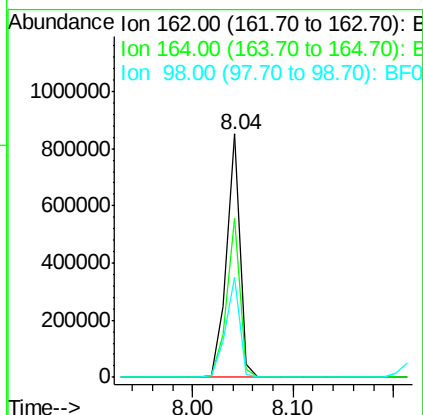
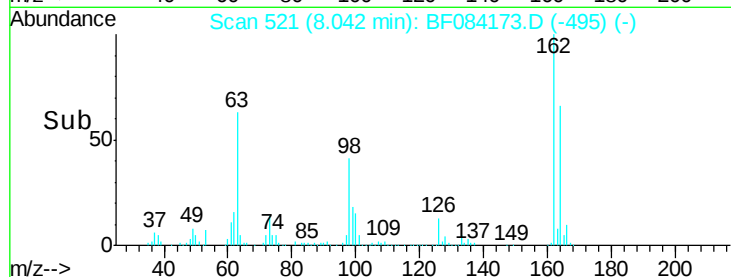
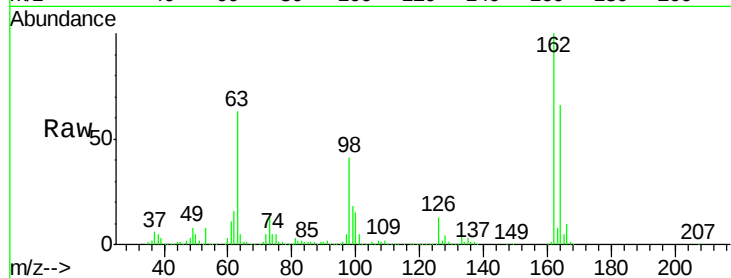




#29
2,4-Dichlorophenol
Concen: 41.35 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

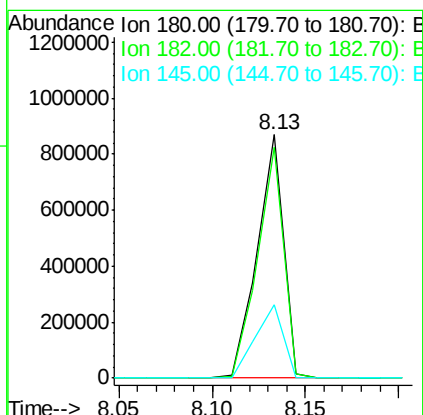
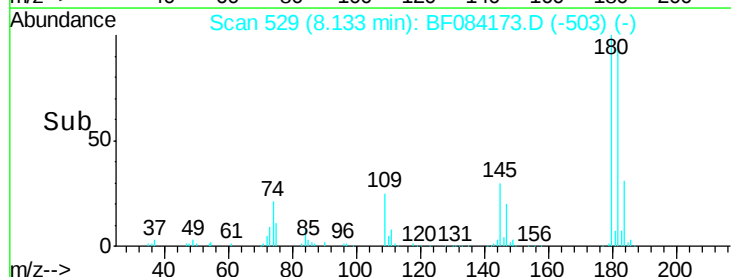
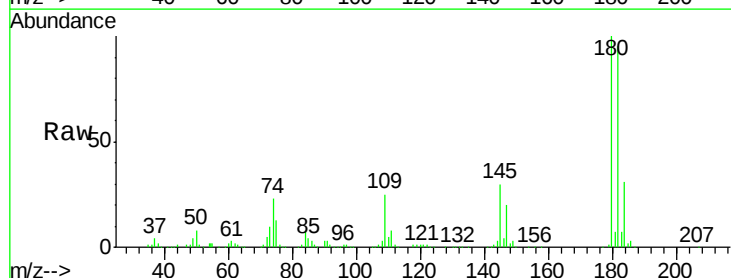
Instrument :
BNA_F
ClientSampleId :

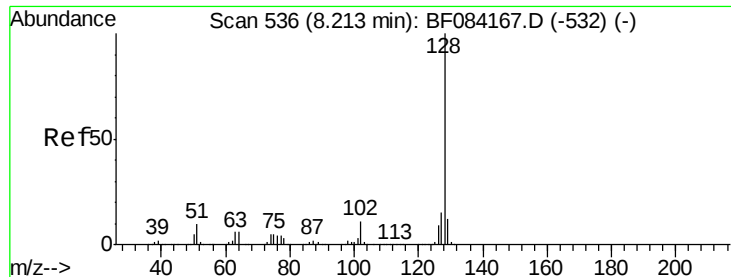
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	45.2	85.2
98	41.3	21.4	61.4



#30
1,2,4-Trichlorobenzene
Concen: 41.57 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.6	114.8
145	30.1	26.2	39.4

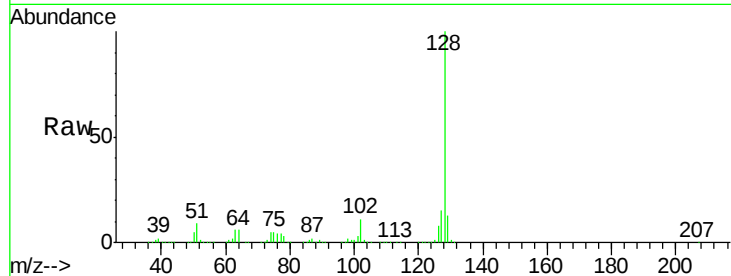




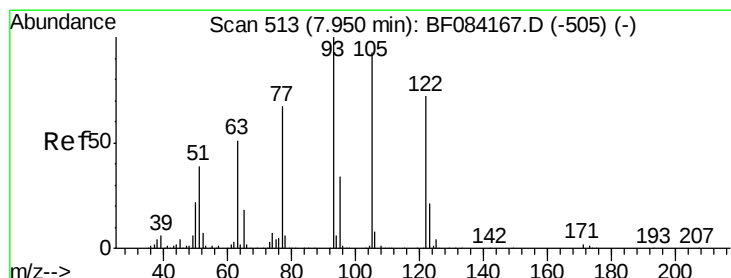
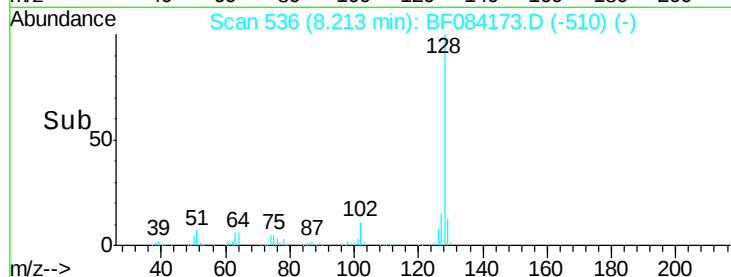
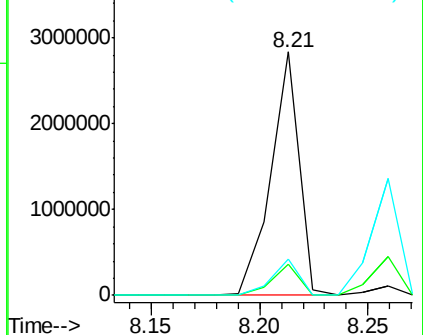
#31
Naphthalene
Concen: 40.68 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2584440
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 15.1 12.0 18.0

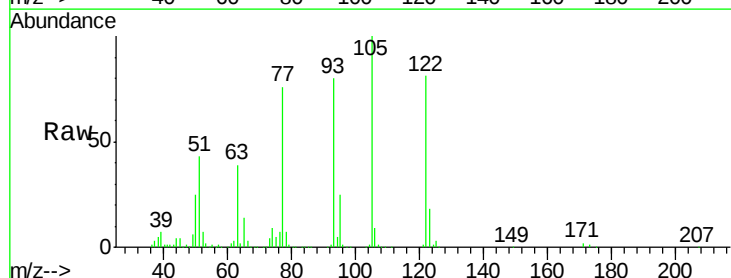


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

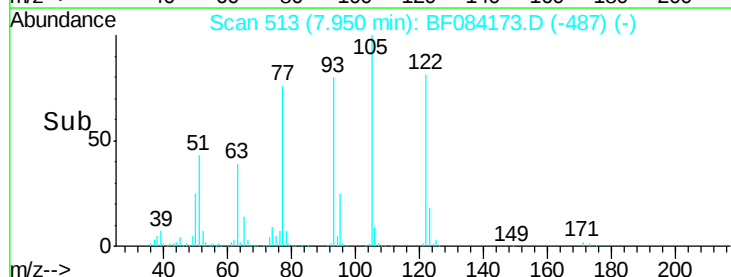
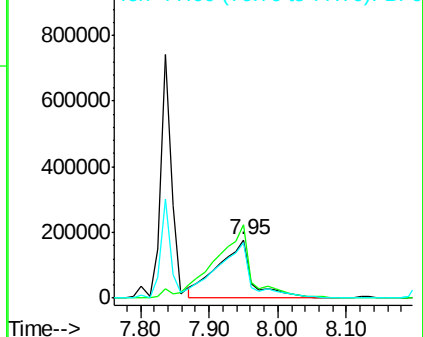


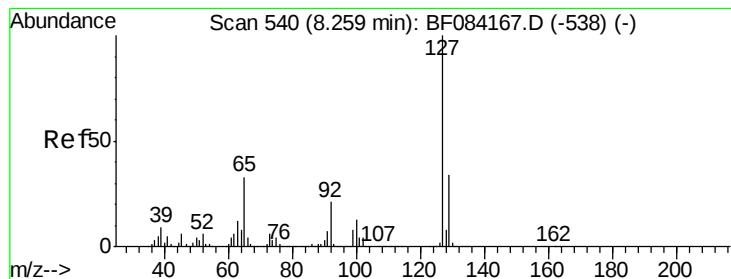
#32
Benzoic acid
Concen: 37.10 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion:122 Resp: 614714
Ion Ratio Lower Upper
122 100
105 124.2 108.6 148.6
77 94.3 74.1 114.1



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: 42.21 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 1224587

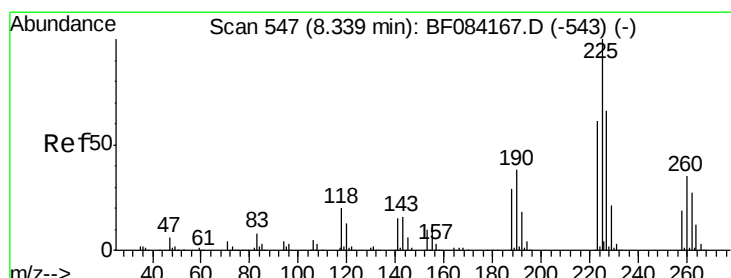
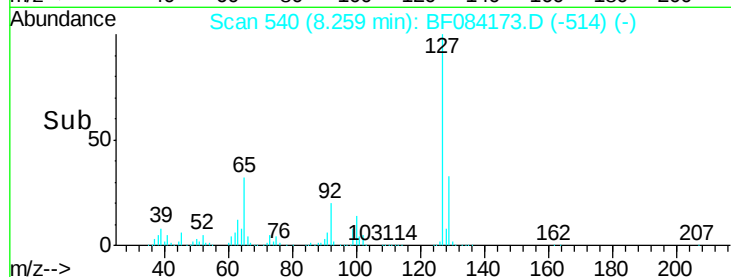
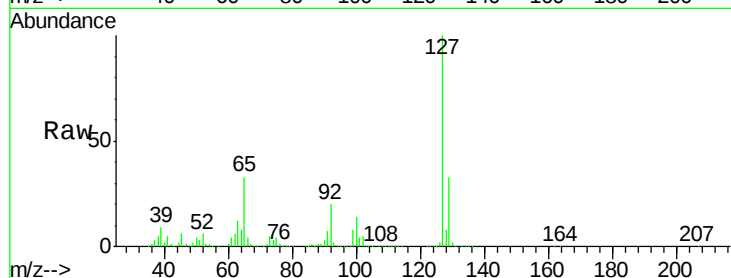
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.0	40.6
65	32.6	26.6	40.0
92	20.4	16.5	24.7

Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.43 ng

RT: 8.34 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

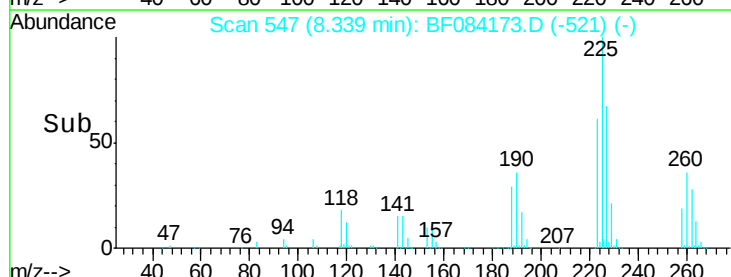
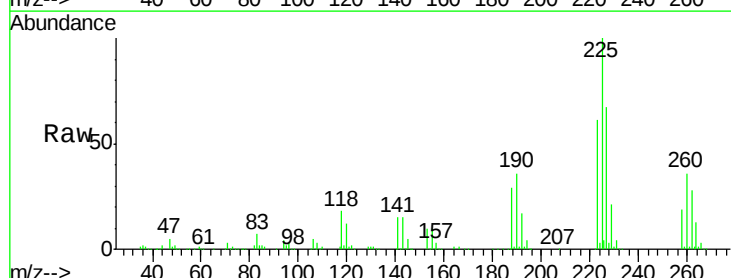
Tgt Ion:225 Resp: 445058

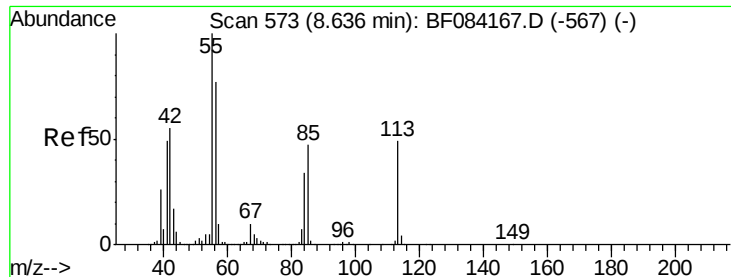
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.0	73.6
227	66.6	53.0	79.4

Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

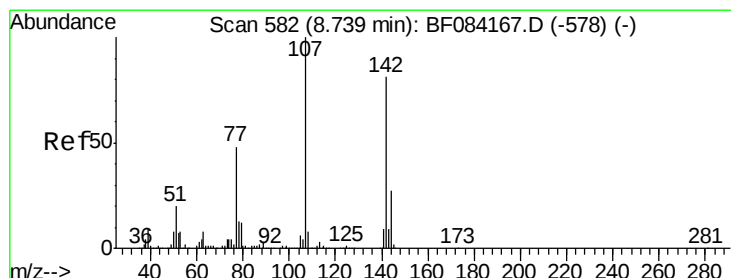
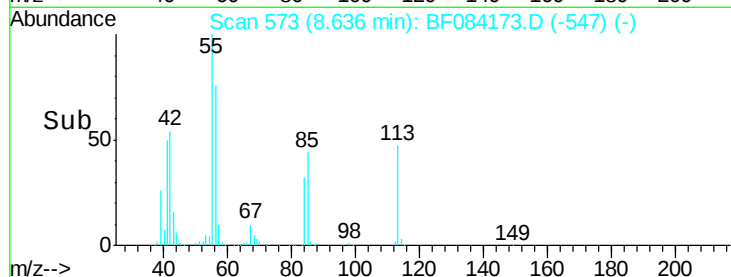
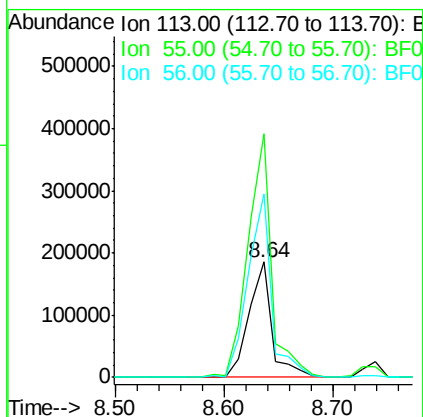
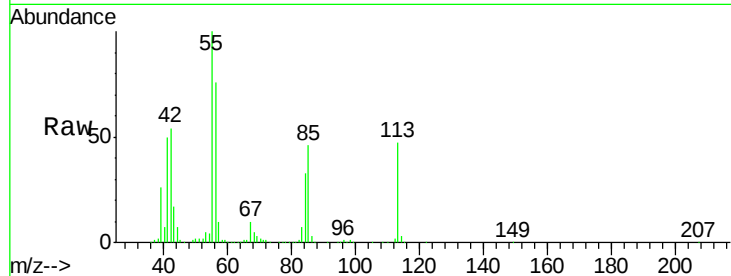




#35
 Caprolactam
 Concen: 40.80 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

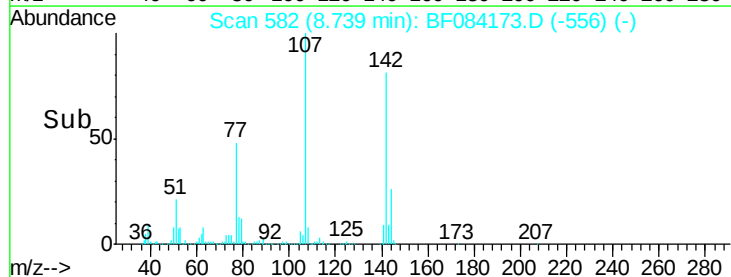
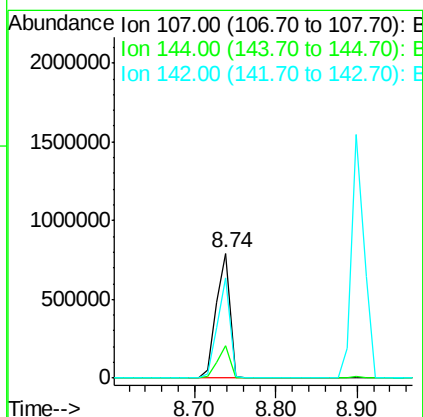
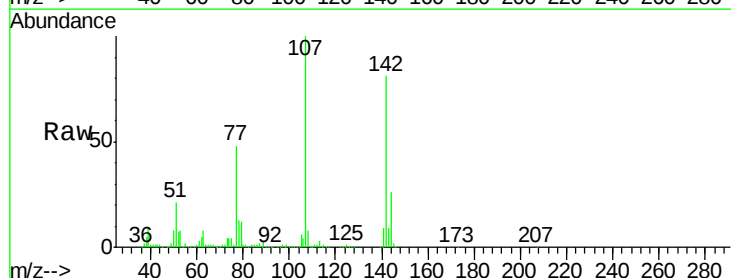
Instrument :
 BNA_F
 ClientSampled :

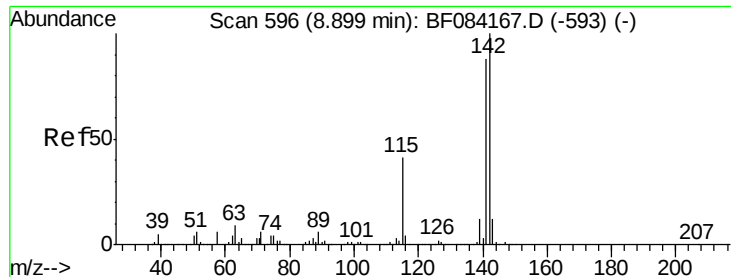
Tot Ion:113 Resp: 270963
 Ion Ratio Lower Upper
 113 100
 55 211.4 186.0 226.0
 56 159.7 138.7 178.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.80 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Tgt Ion:107 Resp: 918033
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.4 32.2
 142 80.7 65.0 97.4

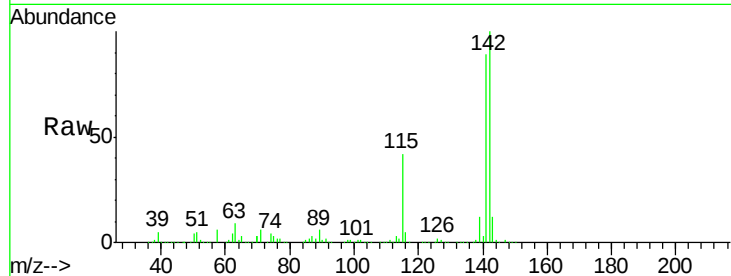




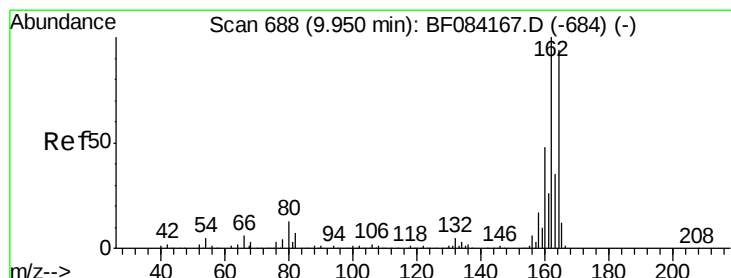
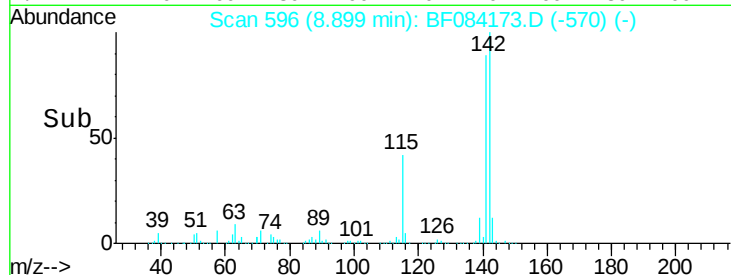
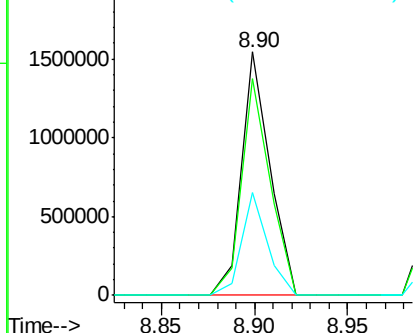
#37
2-Methylnaphthalene
Concen: 36.31 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1633943
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1
115 42.0 33.2 49.8

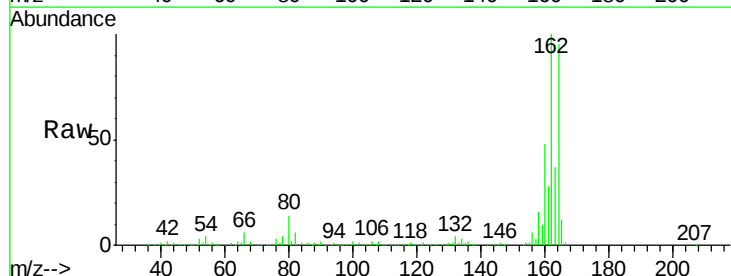


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

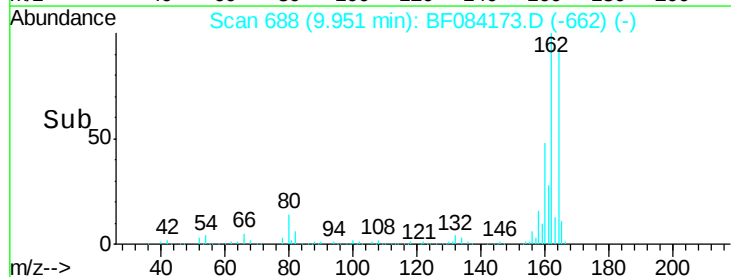
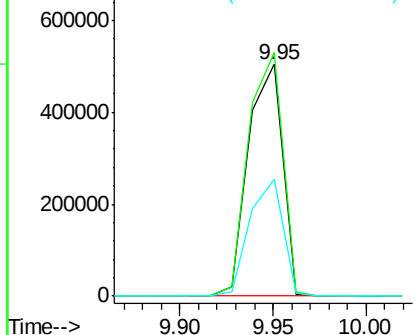


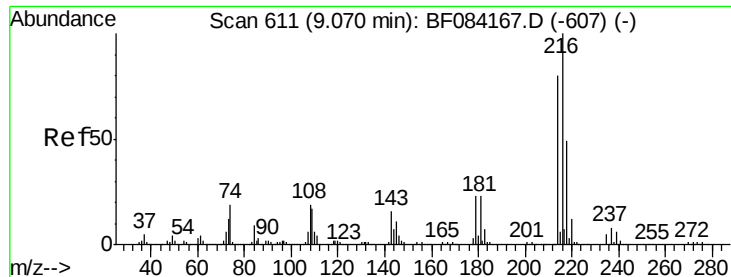
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion:164 Resp: 640087
Ion Ratio Lower Upper
164 100
162 105.0 84.8 127.2
160 50.2 40.4 60.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.81 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 777569

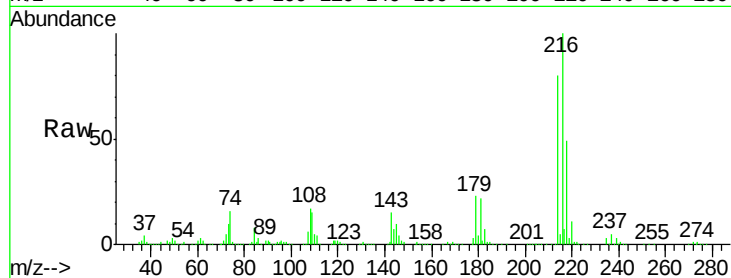
Ion Ratio Lower Upper

216 100

214 80.4 63.7 95.5

179 23.6 19.1 28.7

108 22.6 18.9 28.3

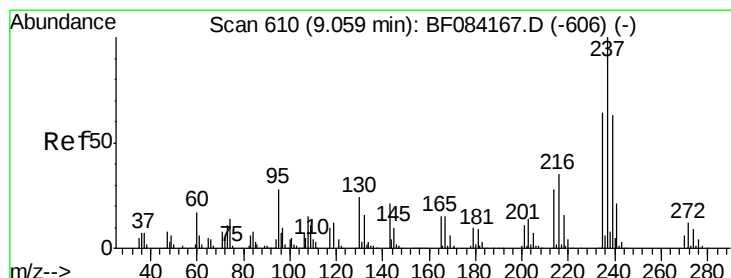
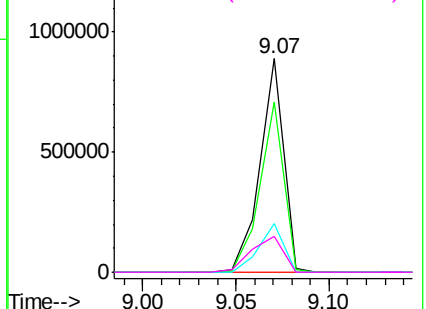
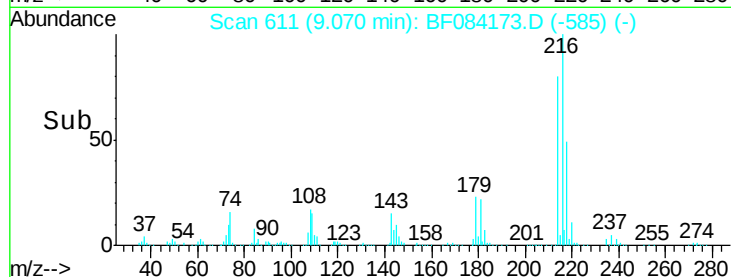


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.70 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

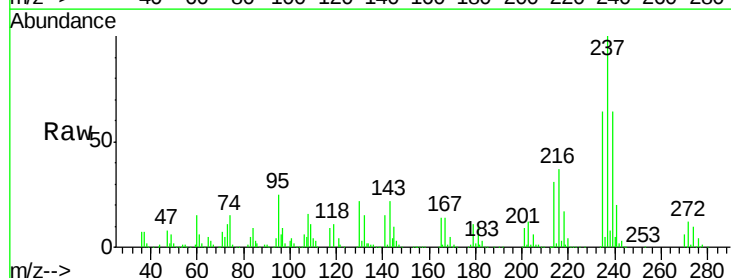
Tgt Ion:237 Resp: 491498

Ion Ratio Lower Upper

237 100

235 64.0 44.4 84.4

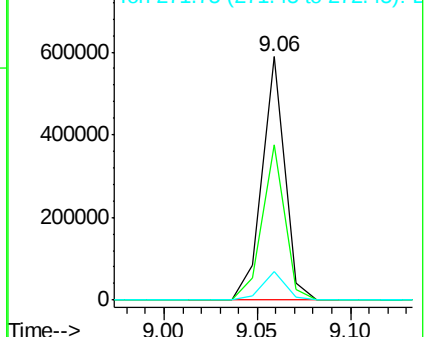
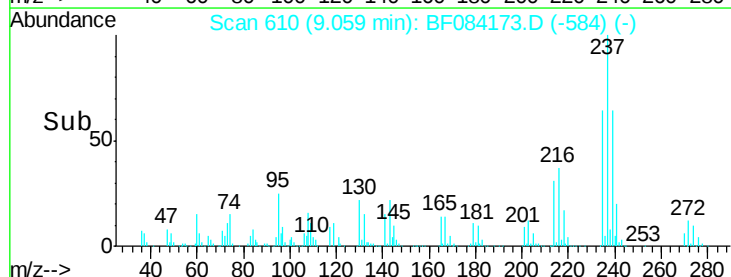
272 11.9 0.0 31.9

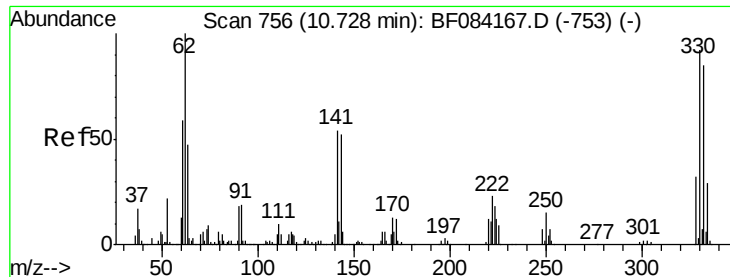


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

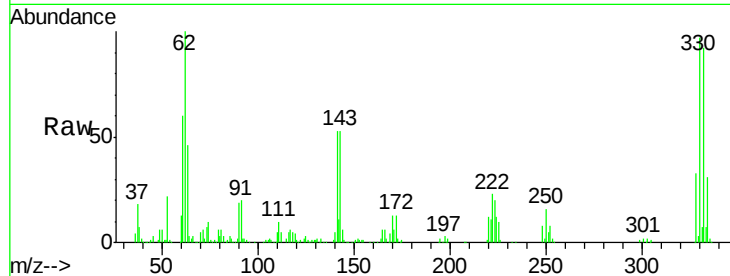




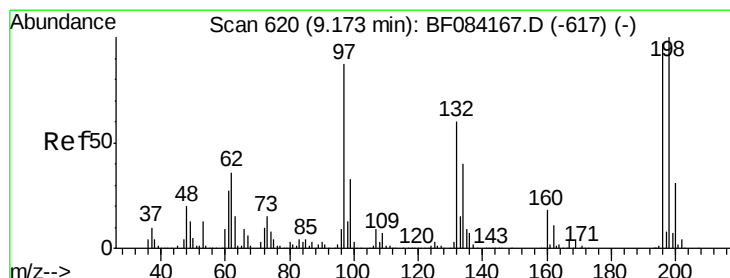
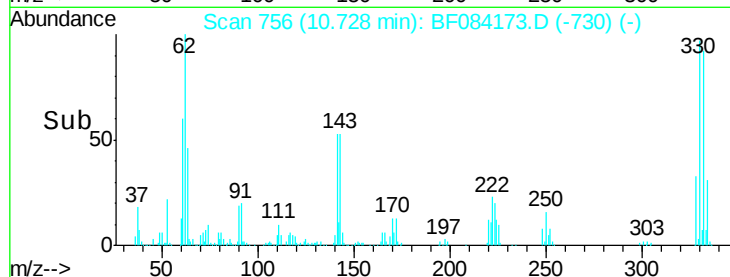
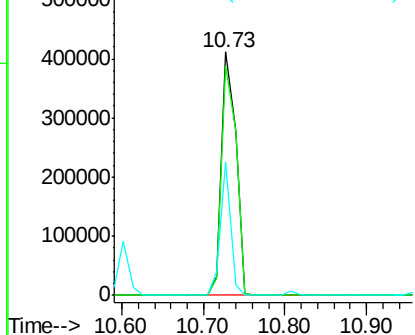
#41
 2,4,6-Tribromophenol
 Concen: 78.37 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 500665
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.2 114.2
 141 39.1 31.3 46.9

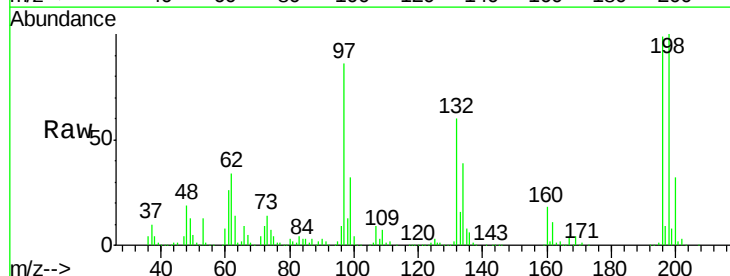


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

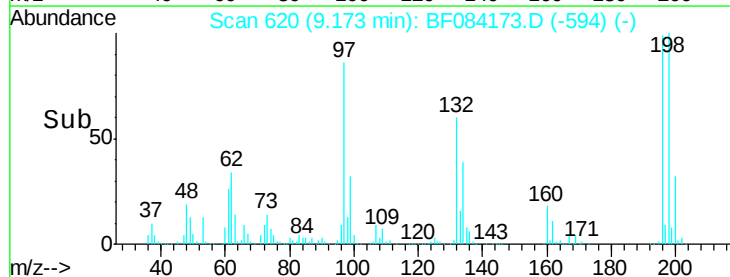
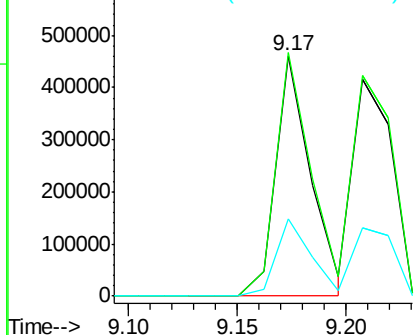


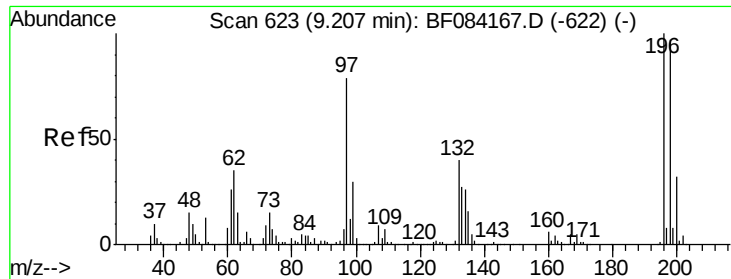
#42
 2,4,6-Trichlorophenol
 Concen: 38.62 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Tgt Ion:196 Resp: 519498
 Ion Ratio Lower Upper
 196 100
 198 101.4 82.5 123.7
 200 32.1 25.8 38.8



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

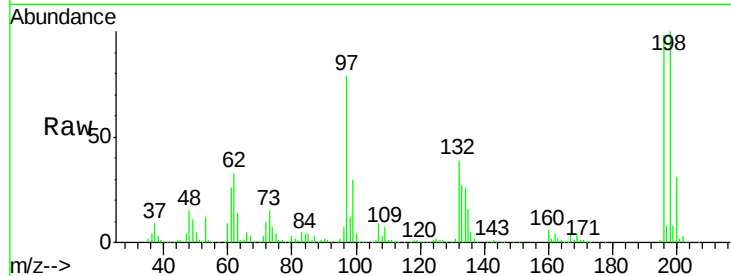




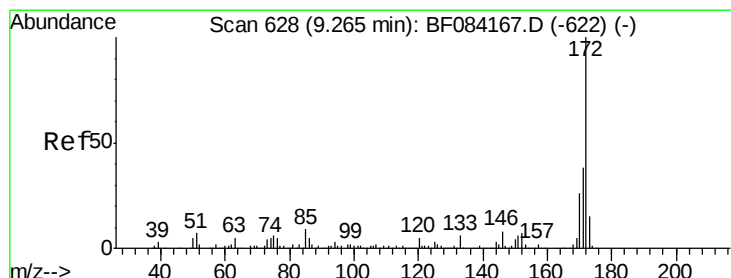
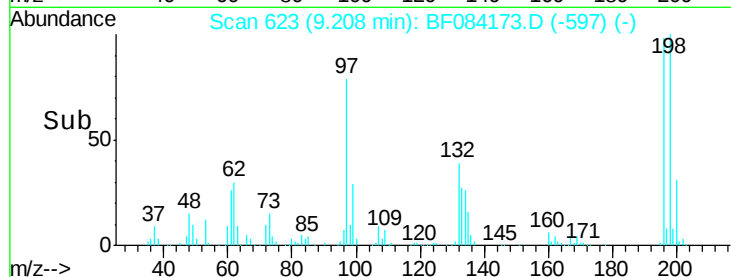
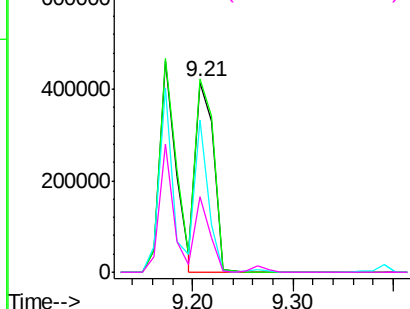
#43
 2,4,5-Trichlorophenol
 Concen: 38.71 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 518994
 Ion Ratio Lower Upper
 196 100
 198 102.1 78.2 117.4
 97 80.6 64.9 97.3
 132 39.7 32.3 48.5

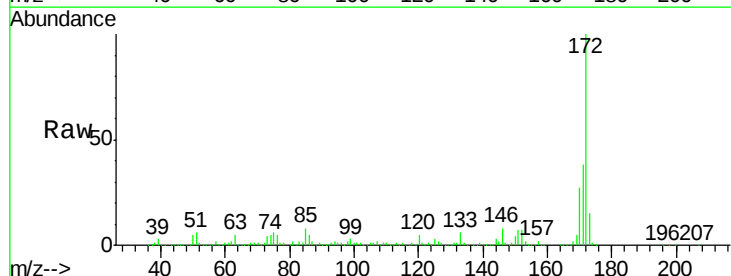


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

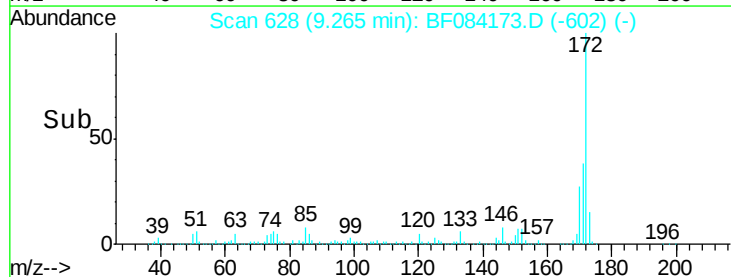
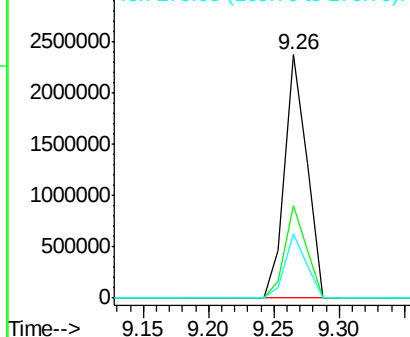


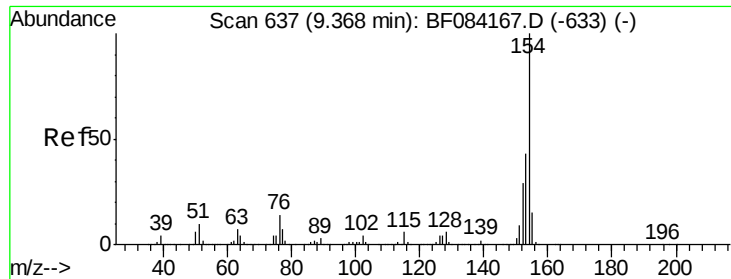
#44
 2-Fluorobiphenyl
 Concen: 73.50 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Tgt Ion:172 Resp: 2850037
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.6 46.0
 170 26.6 20.6 30.8



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

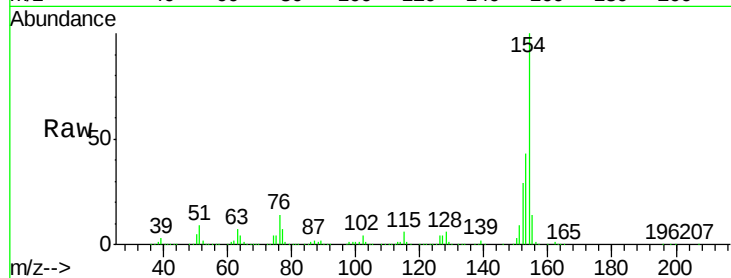




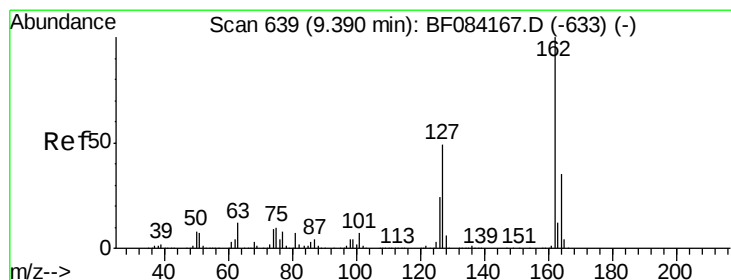
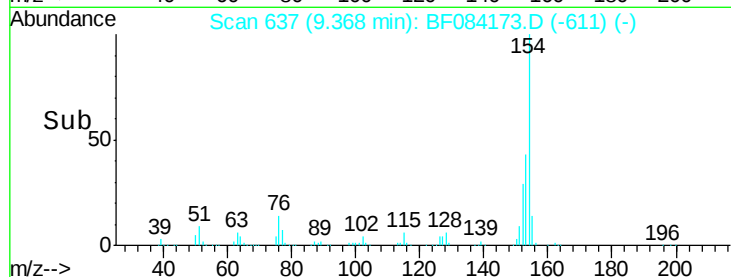
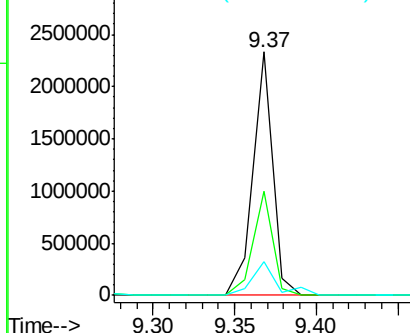
#45
1,1'-Biphenyl
Concen: 38.96 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 1971389
Ion Ratio Lower Upper
154 100
153 42.7 23.4 63.4
76 13.6 0.0 34.2

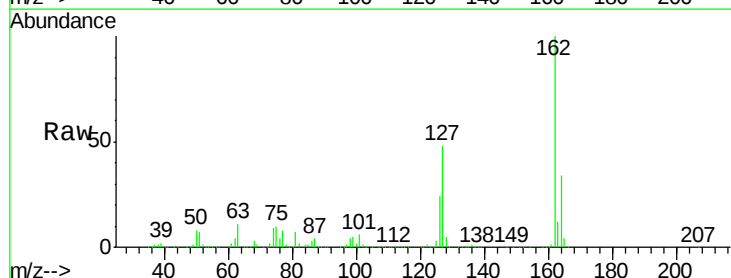


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

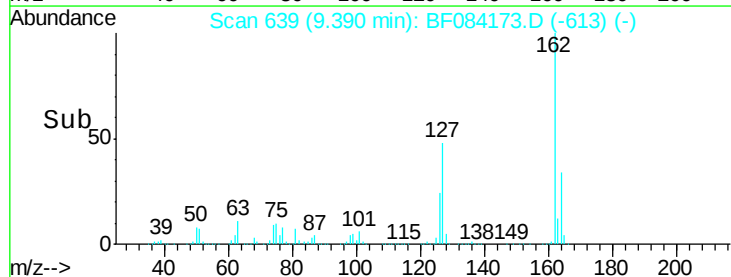
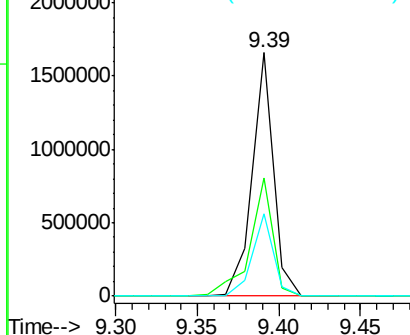


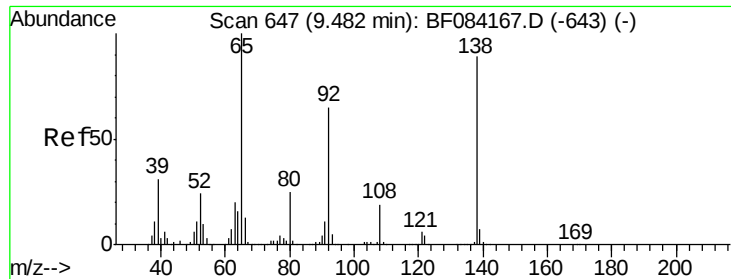
#46
2-Chloronaphthalene
Concen: 38.41 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion:162 Resp: 1505461
Ion Ratio Lower Upper
162 100
127 48.4 39.4 59.0
164 34.0 27.8 41.6



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

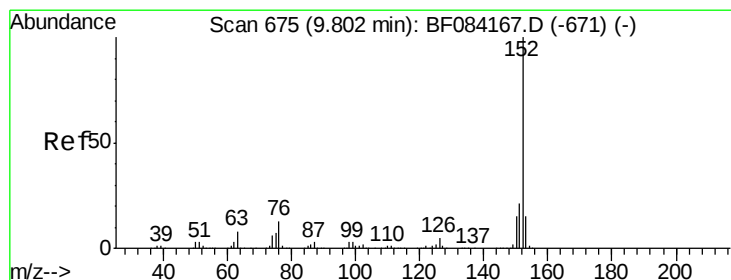
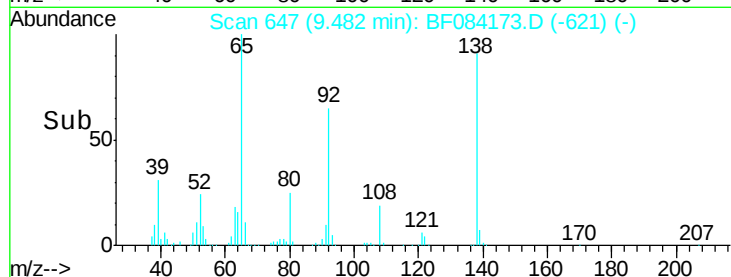
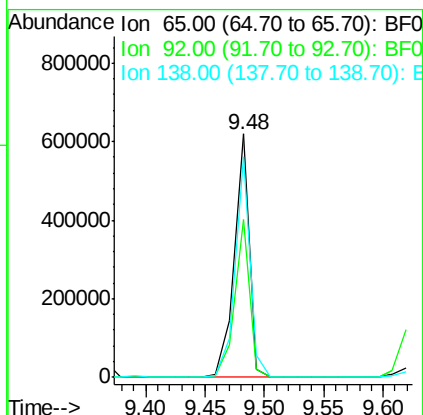
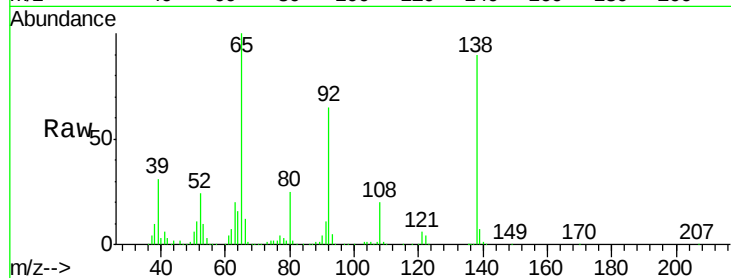




#47
2-Nitroaniline
Concen: 44.60 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

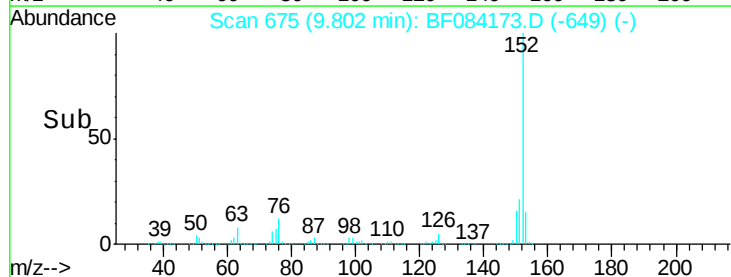
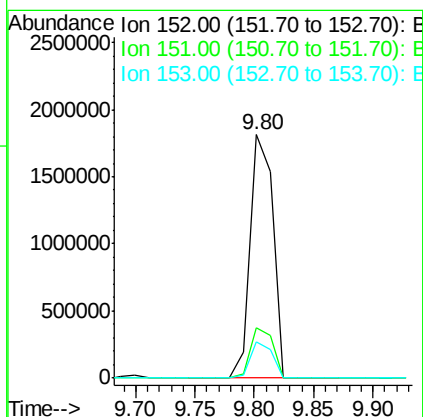
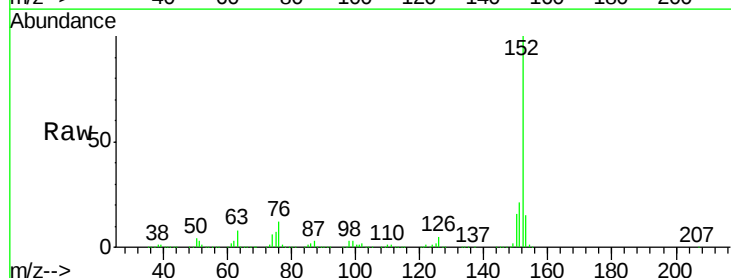
Instrument :
BNA_F
ClientSampled :

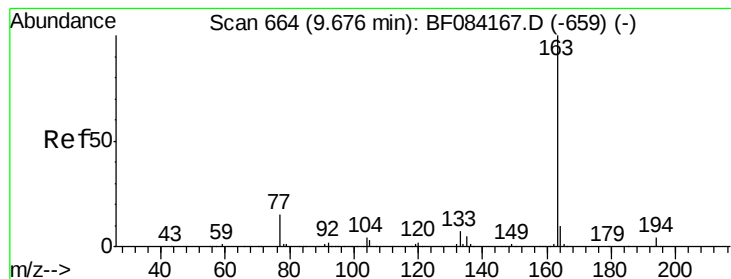
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.8	51.8	77.8
138	90.5	70.9	106.3



#48
Acenaphthylene
Concen: 37.11 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	15.1	12.2	18.2





#49

Dimethylphthalate

Concen: 41.55 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

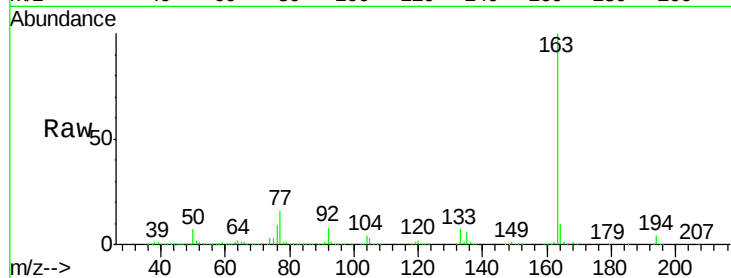
Tot Ion:163 Resp: 1910561

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

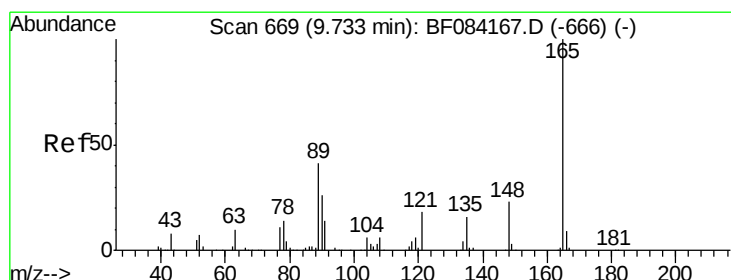
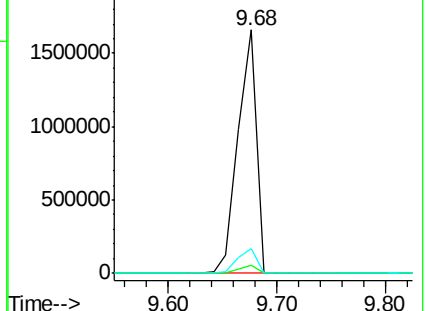
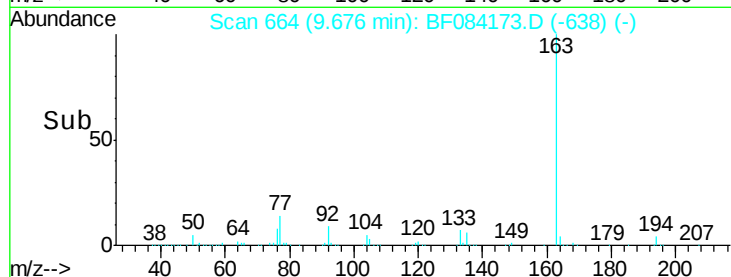
164 10.3 8.2 12.4



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: 39.86 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

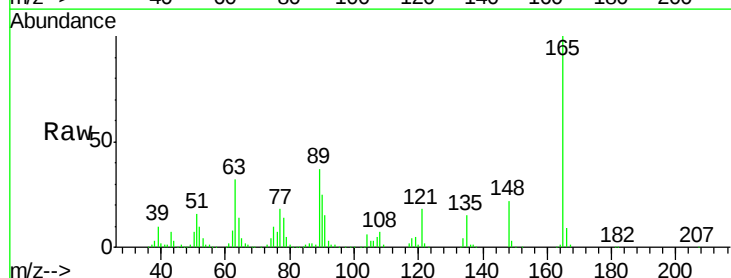
Tgt Ion:165 Resp: 411620

Ion Ratio Lower Upper

165 100

63 32.2 28.8 43.2

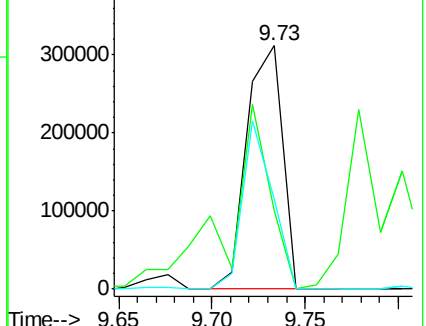
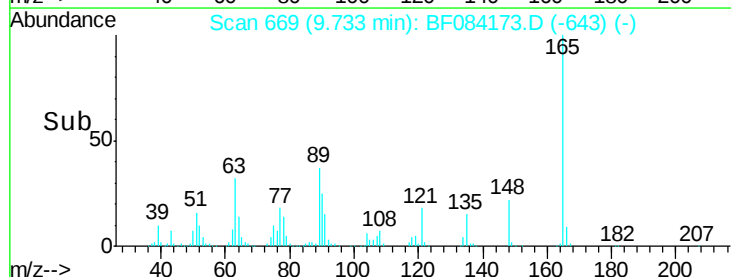
89 37.0 32.7 49.1

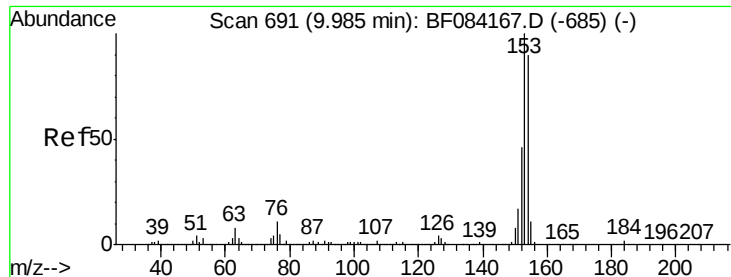


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.77 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

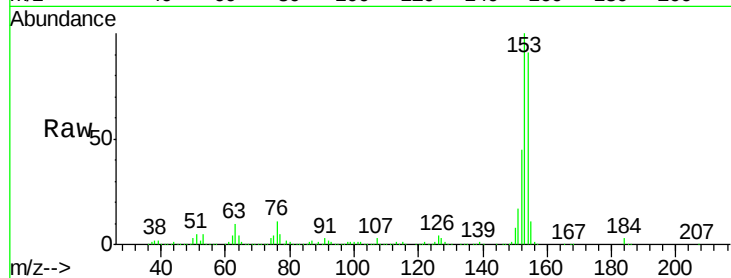
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1647058

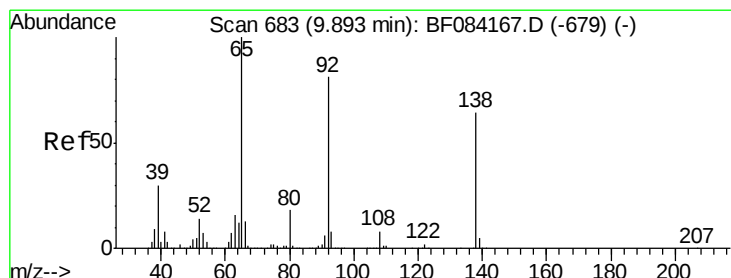
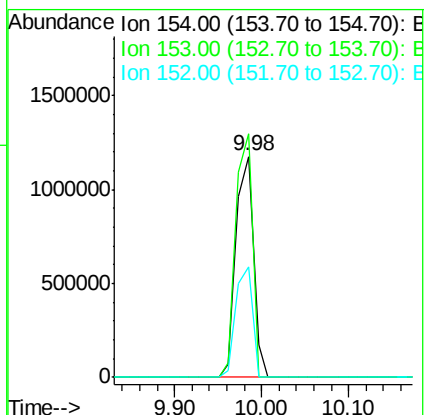
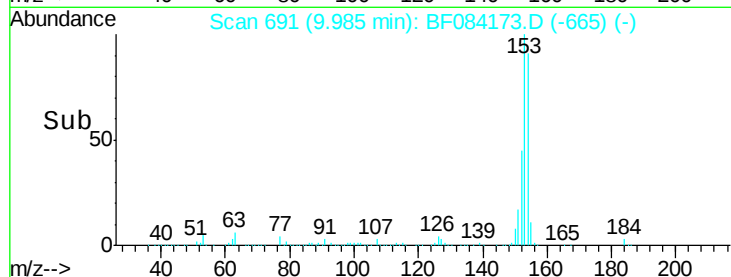
Ion	Ratio	Lower	Upper
154	100		
153	110.1	89.2	133.8
152	50.0	41.2	61.8



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: 39.49 ng

RT: 9.89 min Scan# 683

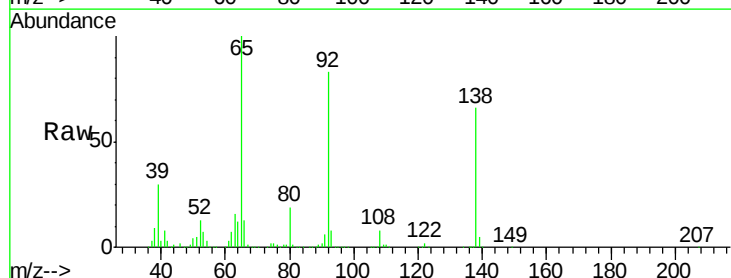
Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Tgt Ion:138 Resp: 453403

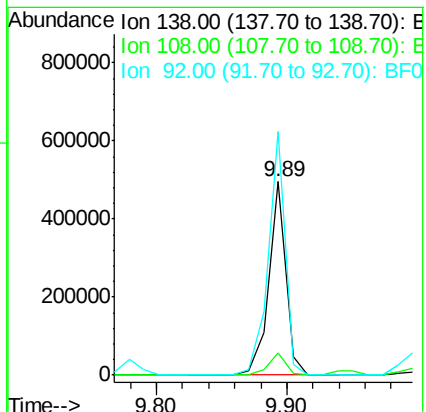
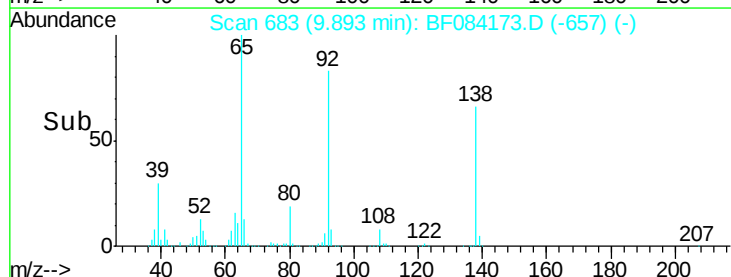
Ion	Ratio	Lower	Upper
138	100		
108	11.7	10.2	15.4
92	126.1	101.9	152.9

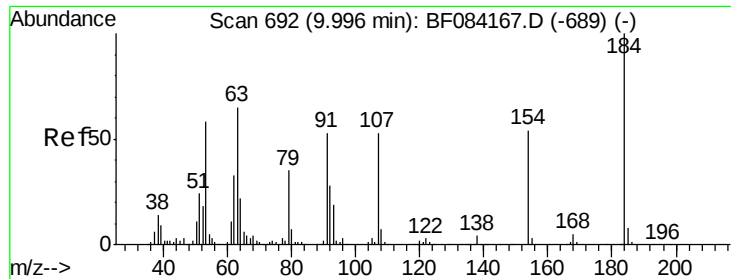


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

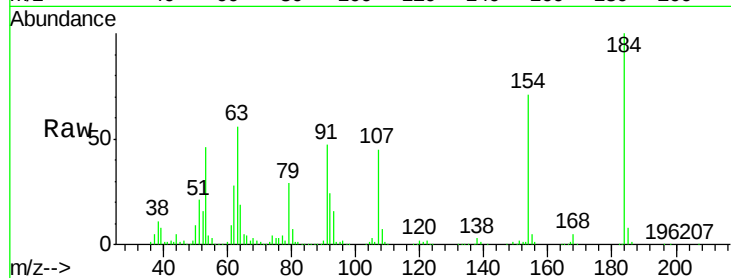




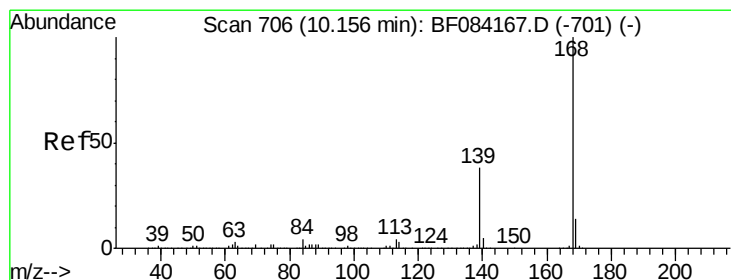
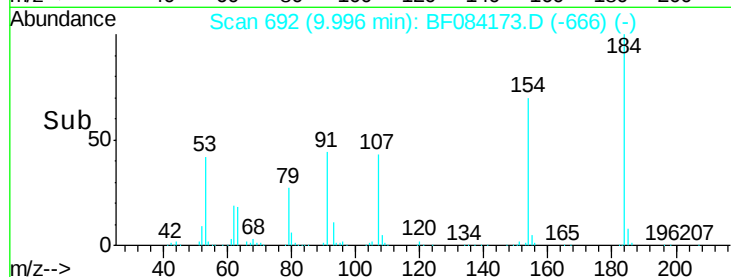
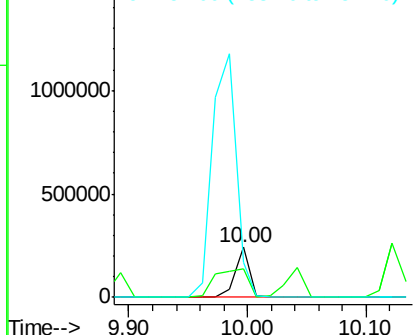
#53
2,4-Dinitrophenol
Concen: 56.19 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 200846
Ion Ratio Lower Upper
184 100
63 56.1 54.2 81.4
154 70.6 58.2 87.4

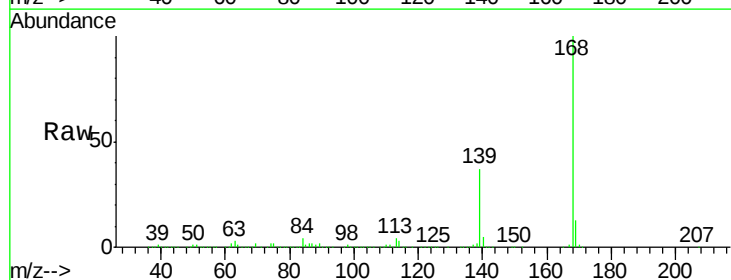


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

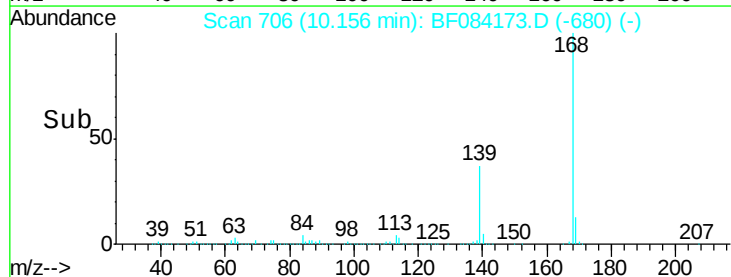
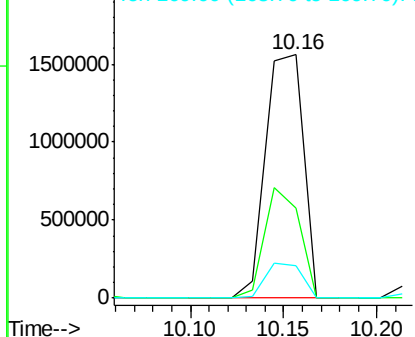


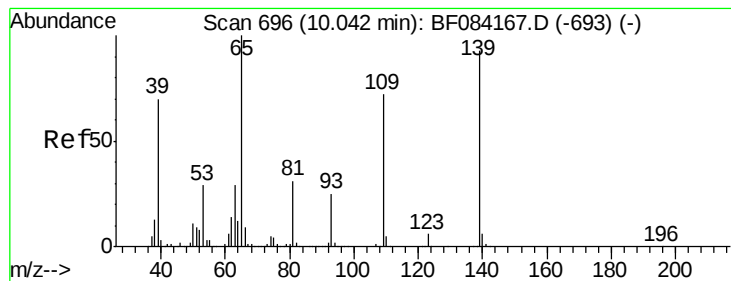
#54
Dibenzofuran
Concen: 38.58 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion:168 Resp: 2189379
Ion Ratio Lower Upper
168 100
139 37.1 30.5 45.7
169 13.2 11.1 16.7



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: 46.87 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampled :

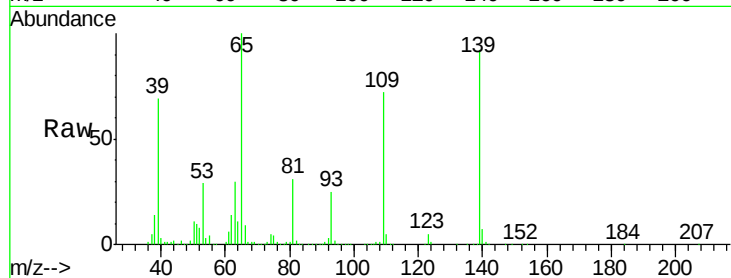
Tot Ion:139 Resp: 415039

Ion Ratio Lower Upper

139 100

109 77.7 57.3 97.3

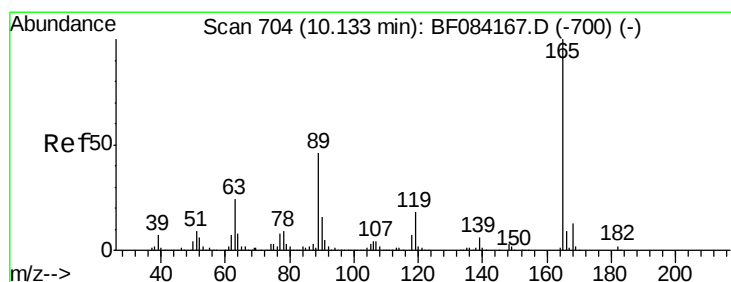
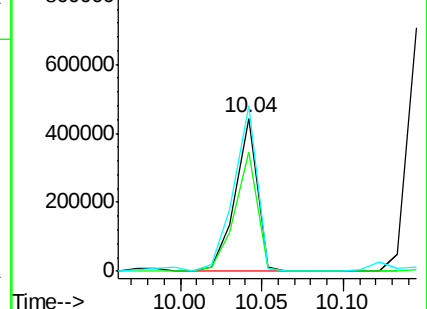
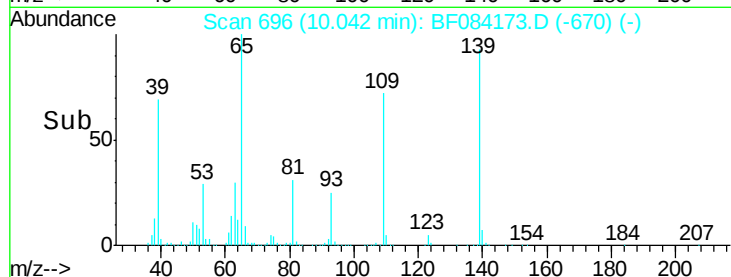
65 108.3 88.4 128.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56

2,4-Dinitrotoluene

Concen: 39.73 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Tgt Ion:165 Resp: 518243

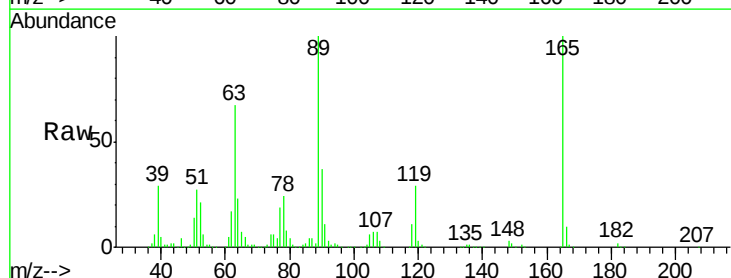
Ion Ratio Lower Upper

165 100

63 67.4 19.4 29.2#

89 99.8 37.0 55.6#

182 1.7 1.8 2.8#

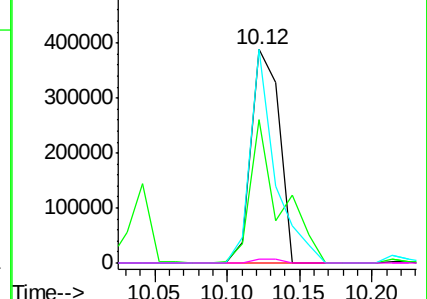
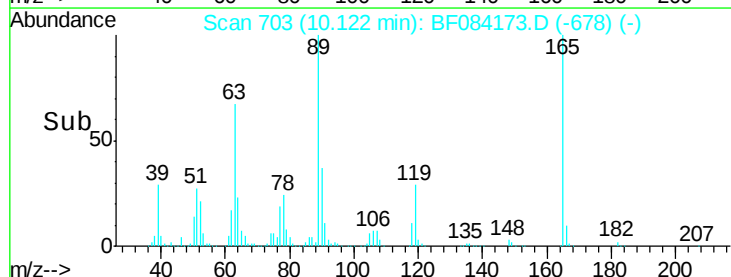


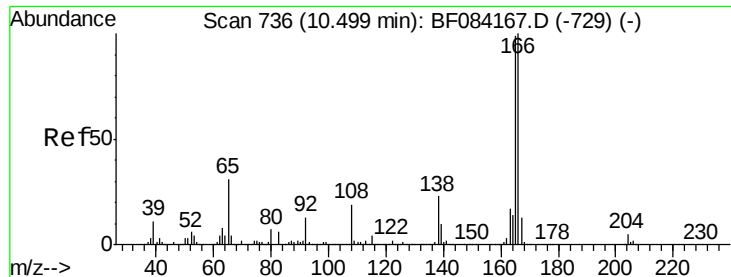
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.96 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

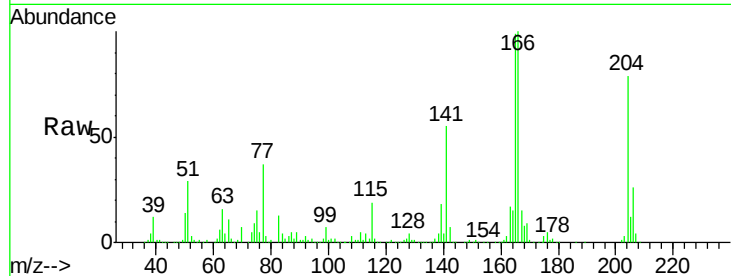
Tot Ion:166 Resp: 1540108

Ion Ratio Lower Upper

166 100

165 99.3 79.0 118.4

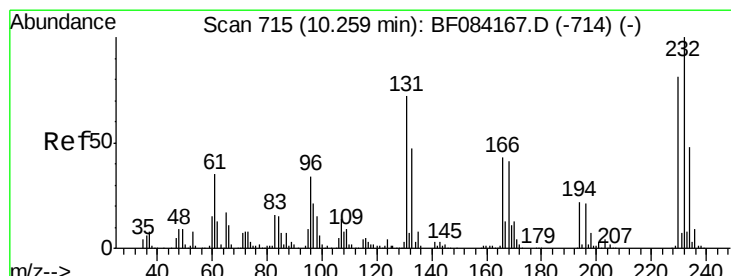
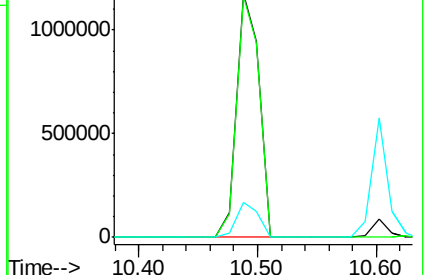
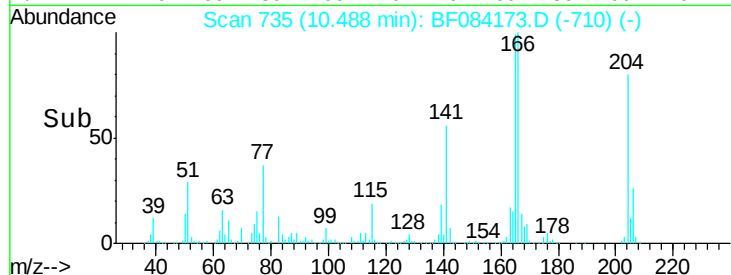
167 14.5 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.91 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Tgt Ion:232 Resp: 442629

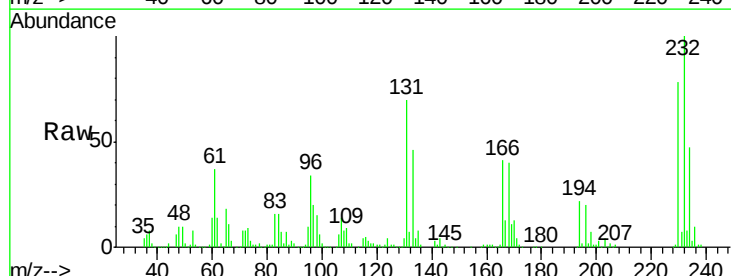
Ion Ratio Lower Upper

232 100

131 52.6 42.9 64.3

130 2.7 2.0 3.0

166 33.3 27.7 41.5

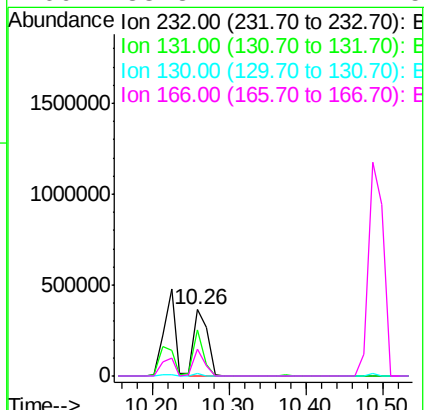
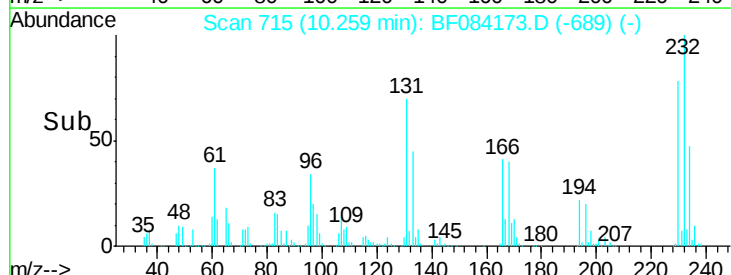


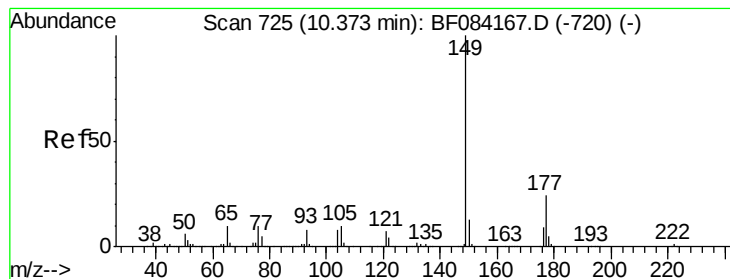
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.96 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

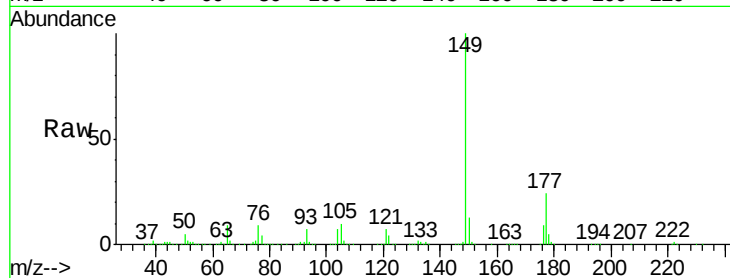
Tot Ion:149 Resp: 1936912

Ion Ratio Lower Upper

149 100

177 24.1 19.1 28.7

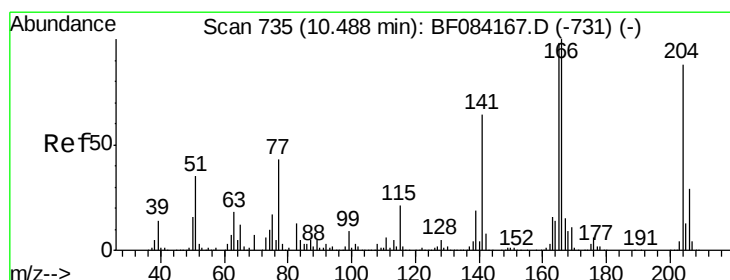
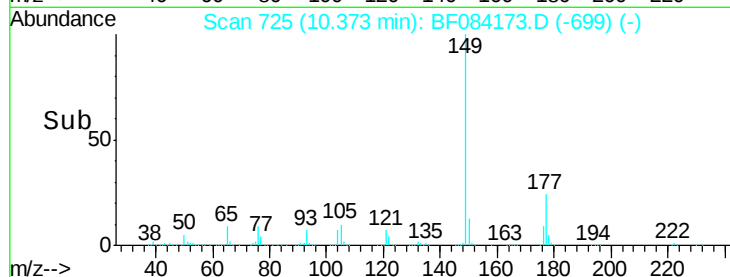
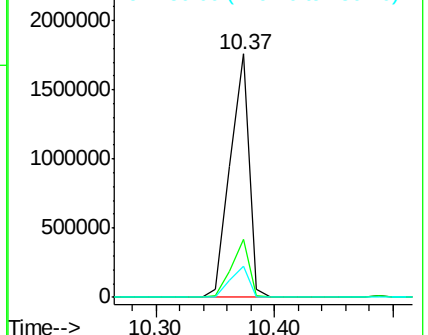
150 12.9 10.6 15.8



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: 43.26 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

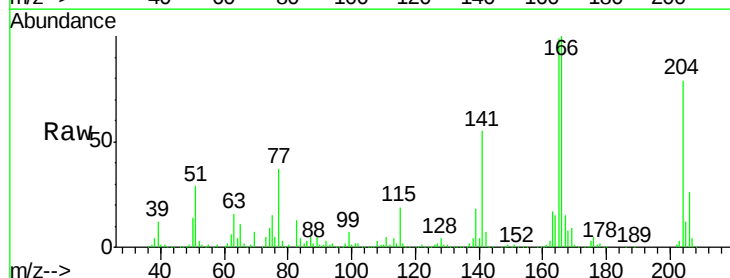
Tgt Ion:204 Resp: 770653

Ion Ratio Lower Upper

204 100

206 33.3 26.4 39.6

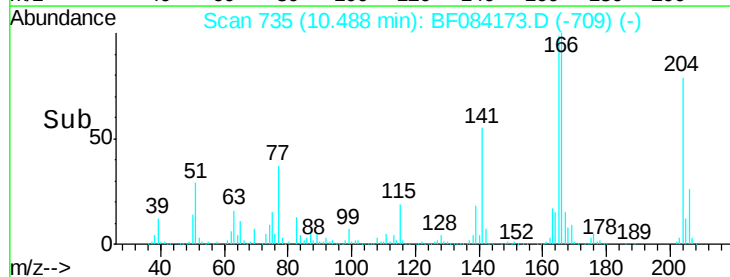
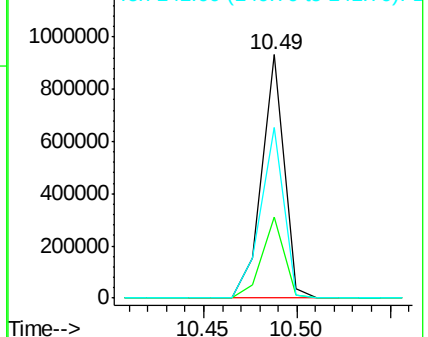
141 69.9 58.0 87.0

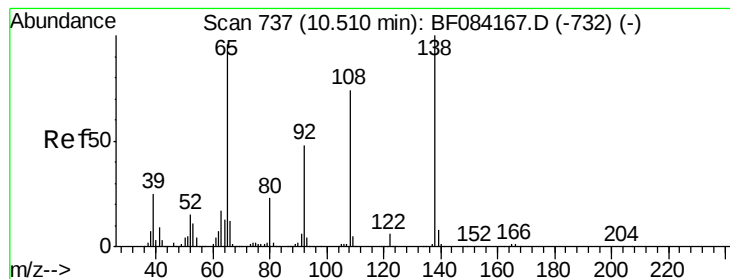


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.67 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampled :

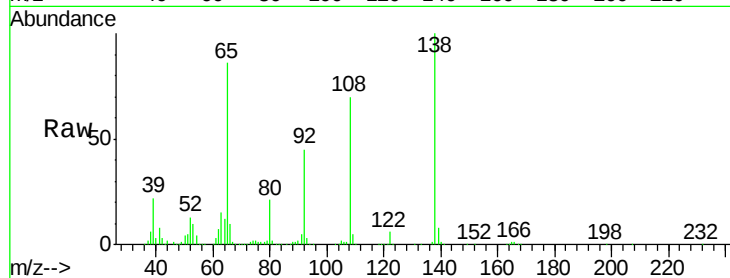
Tot Ion:138 Resp: 500500

Ion Ratio Lower Upper

138 100

92 45.0 28.4 68.4

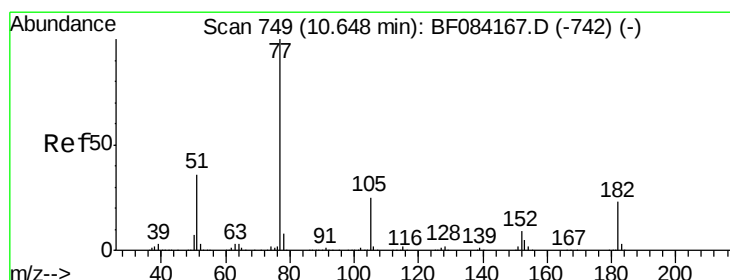
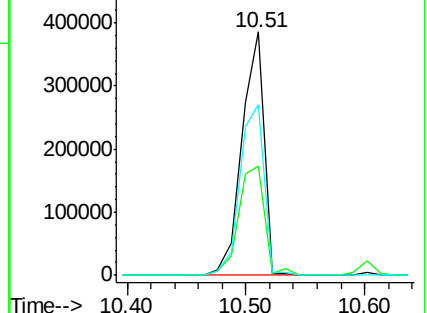
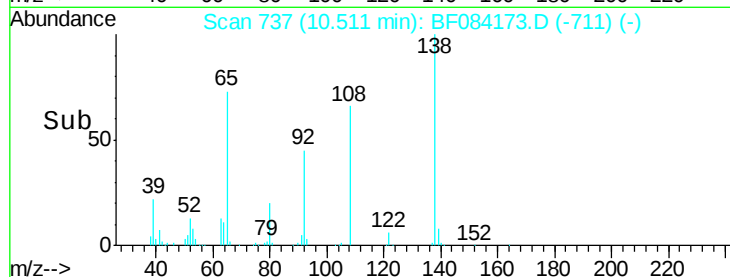
108 69.9 54.0 94.0



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: 42.79 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Tgt Ion: 77 Resp: 2155710

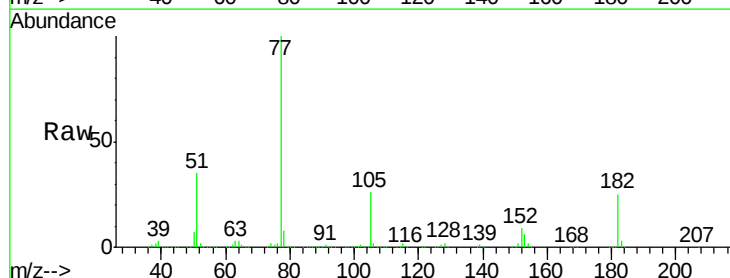
Ion Ratio Lower Upper

77 100

182 24.7 3.2 43.2

105 25.5 5.1 45.1

51 35.4 15.7 55.7

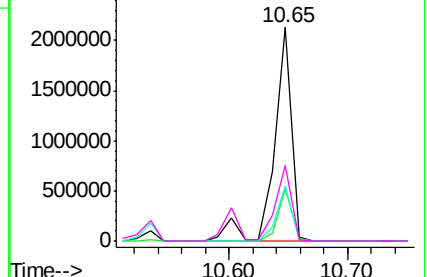
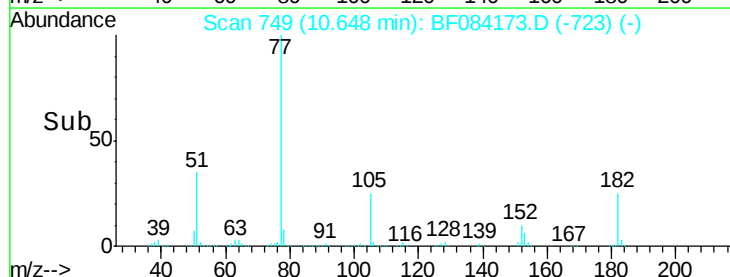


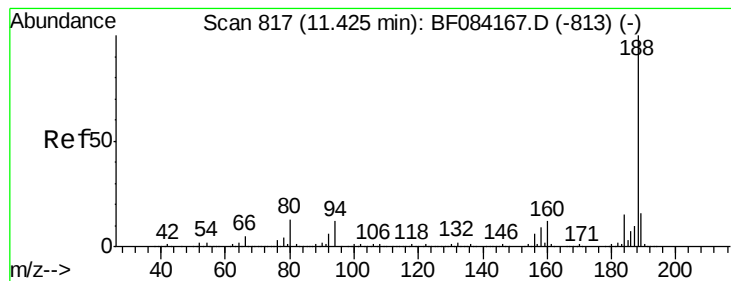
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

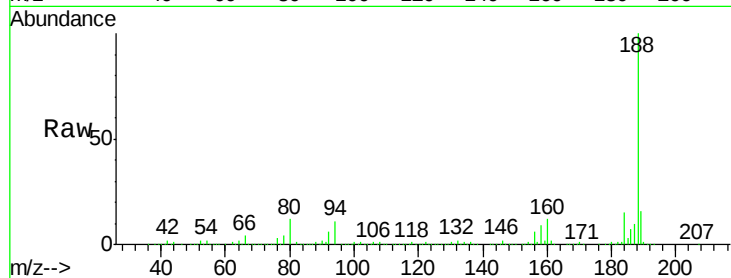
Tot Ion:188 Resp: 1159714

Ion Ratio Lower Upper

188 100

94 11.1 9.2 13.8

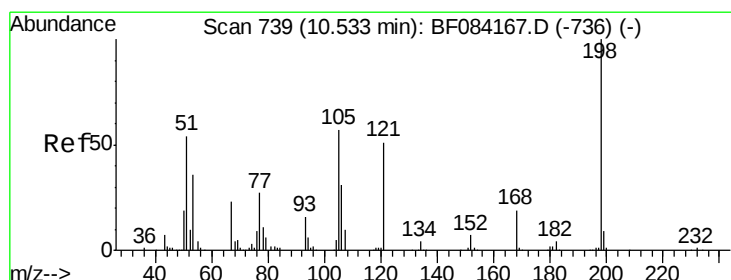
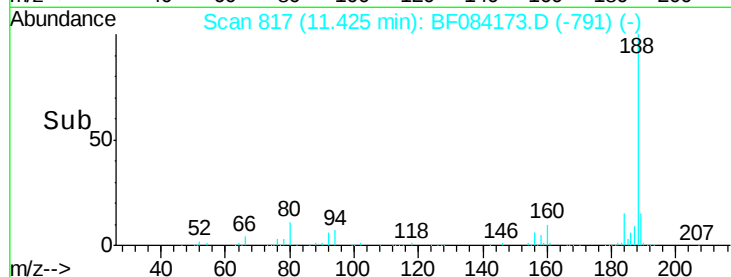
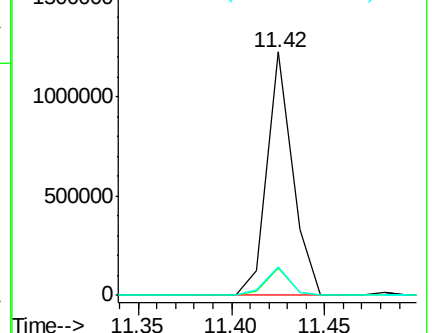
80 11.8 10.1 15.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 52.16 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

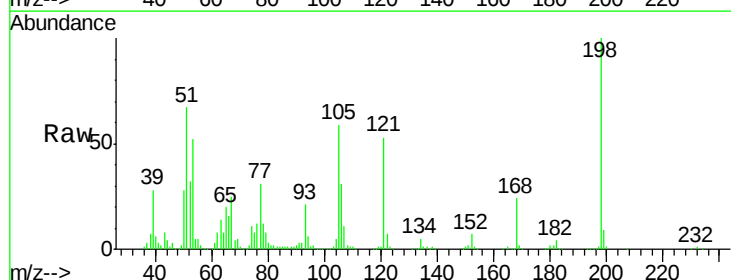
Tgt Ion:198 Resp: 262382

Ion Ratio Lower Upper

198 100

51 67.4 46.4 86.4

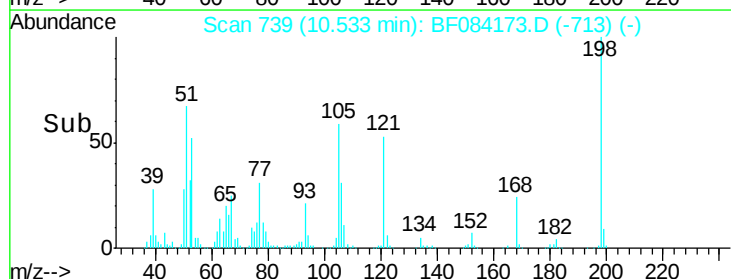
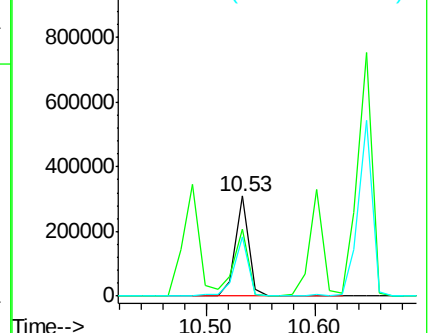
105 58.8 38.5 78.5

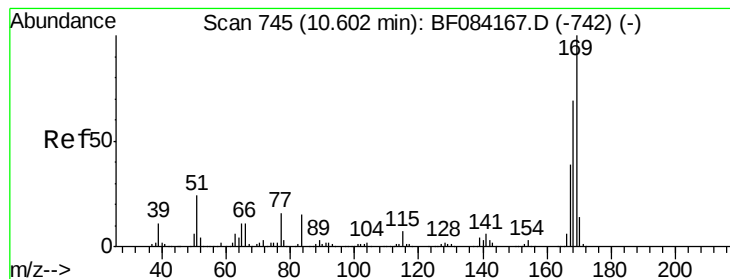


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.14 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

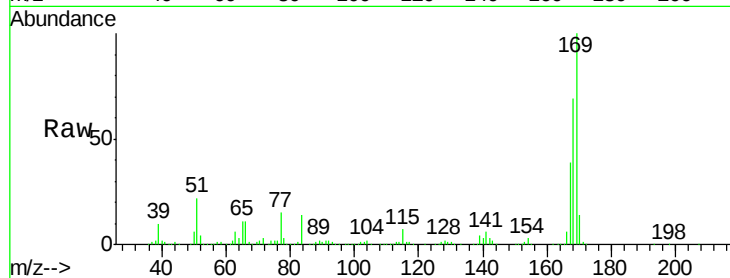
Tot Ion:169 Resp: 1402373

Ion Ratio Lower Upper

169 100

168 69.1 55.2 82.8

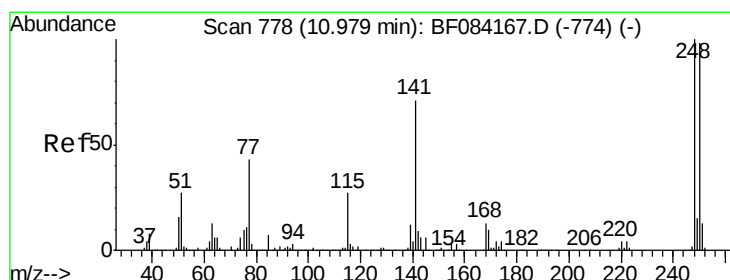
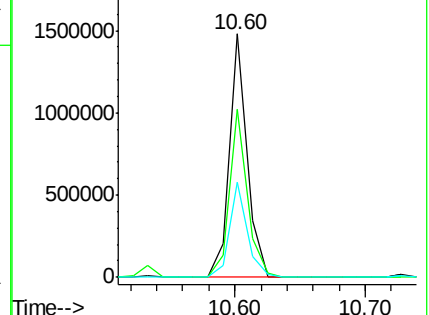
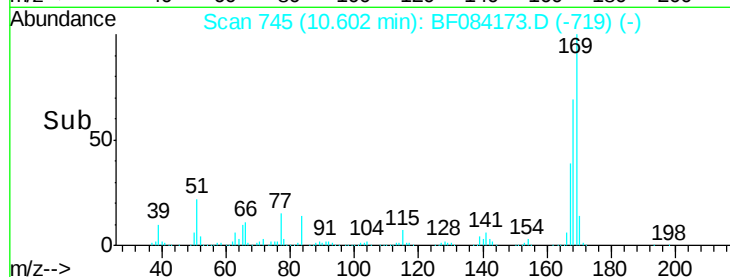
167 38.9 31.1 46.7



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: 43.24 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

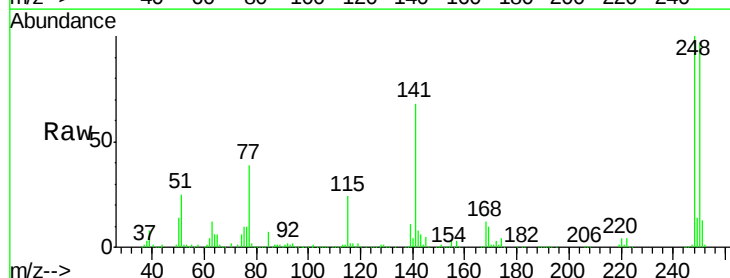
Tgt Ion:248 Resp: 538076

Ion Ratio Lower Upper

248 100

250 96.7 78.7 118.1

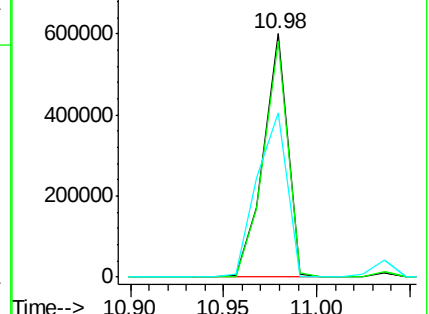
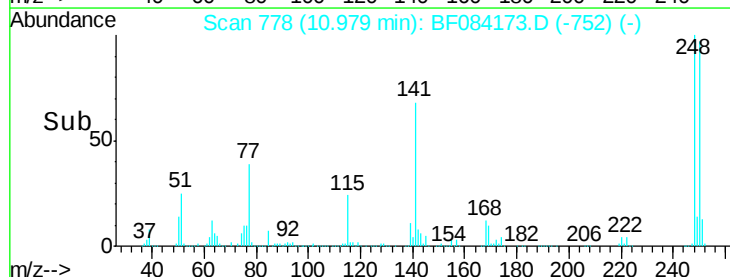
141 67.5 57.1 85.7

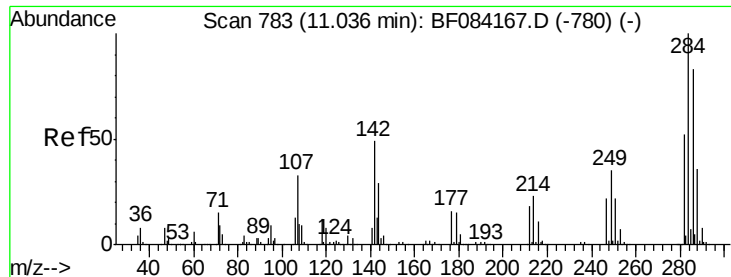


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

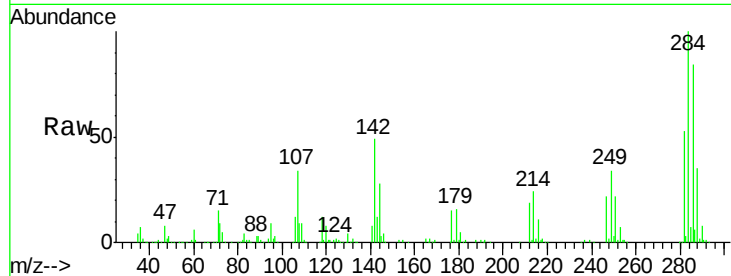




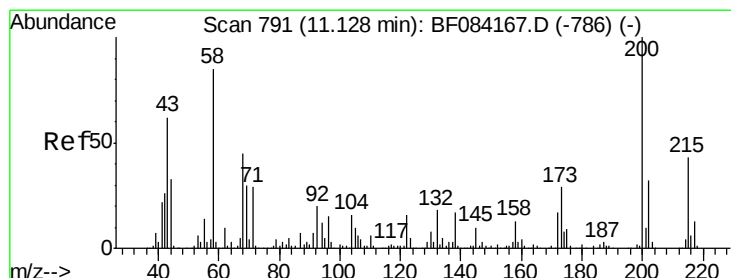
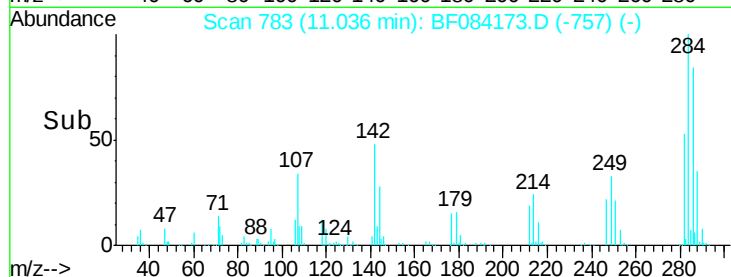
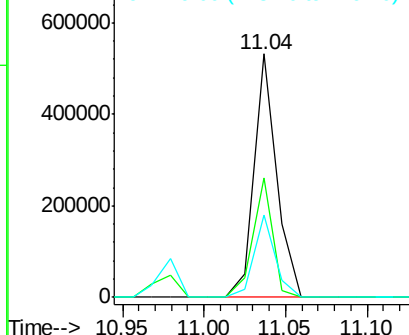
#67
Hexachlorobenzene
Concen: 37.74 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 509778
Ion Ratio Lower Upper
284 100
142 48.9 39.4 59.2
249 33.8 27.8 41.6

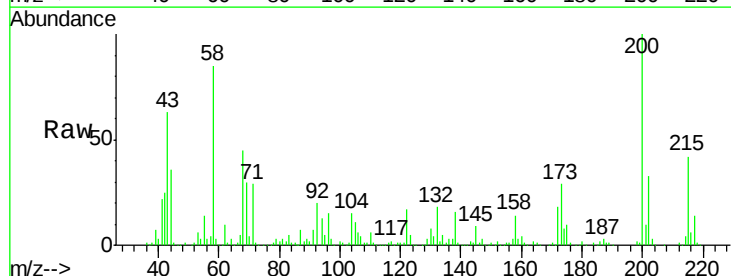


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

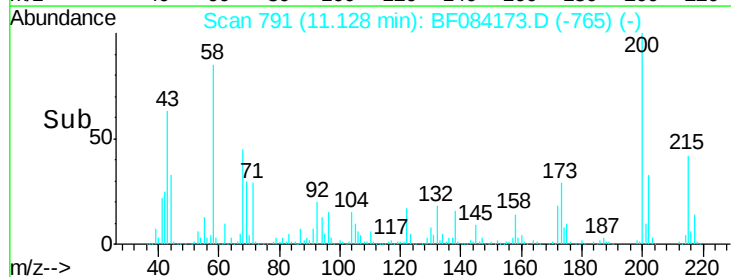
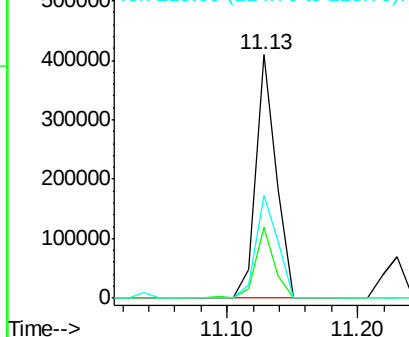


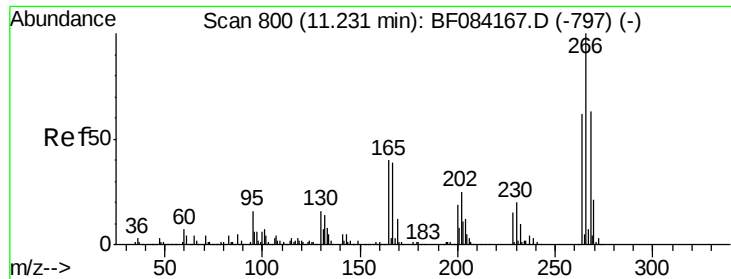
#68
Atrazine
Concen: 36.41 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion:200 Resp: 441935
Ion Ratio Lower Upper
200 100
173 29.3 8.5 48.5
215 42.5 22.7 62.7



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

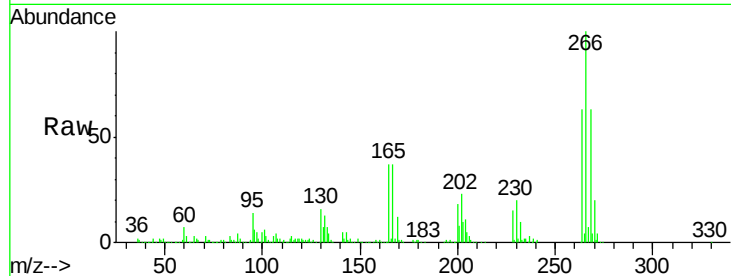




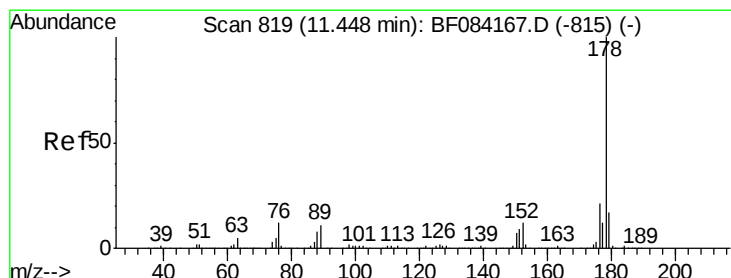
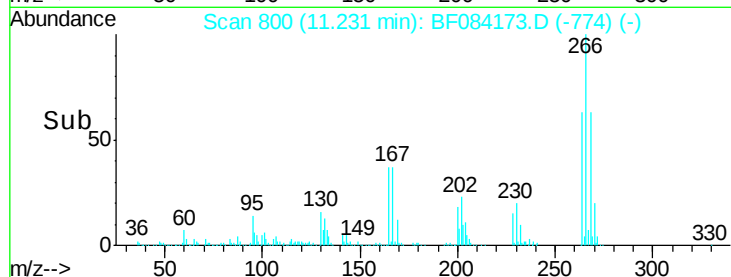
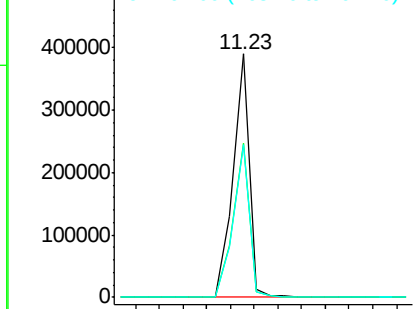
#69
 Pentachlorophenol
 Concen: 45.35 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 373288
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.7 76.1
 264 62.6 49.9 74.9

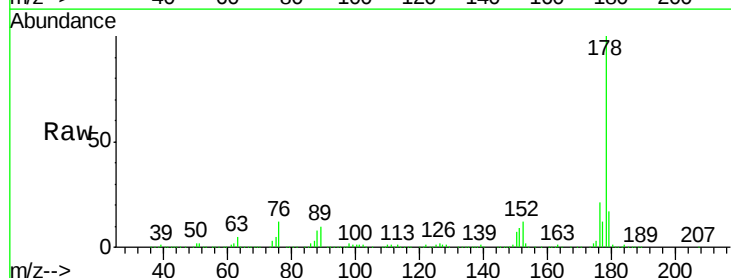


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

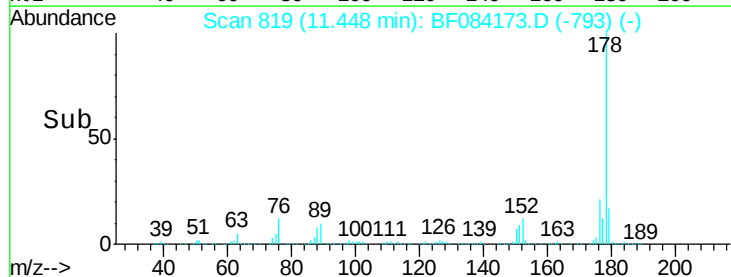
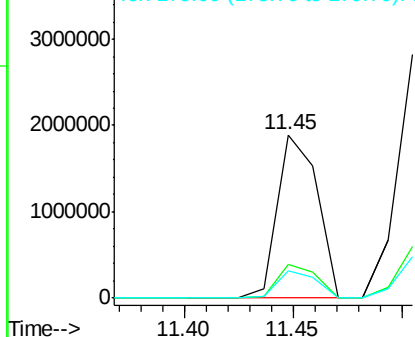


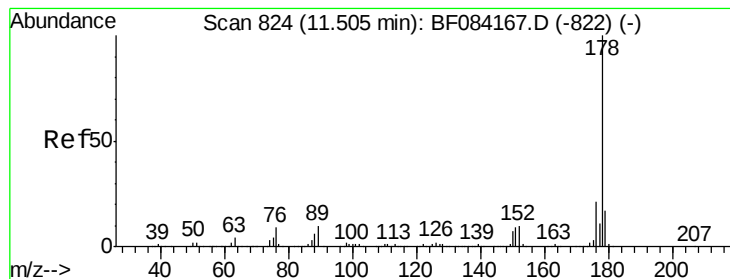
#70
 Phenanthrene
 Concen: 37.19 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Tgt Ion:178 Resp: 2433554
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.6 25.0
 179 16.6 13.4 20.0



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: 41.49 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

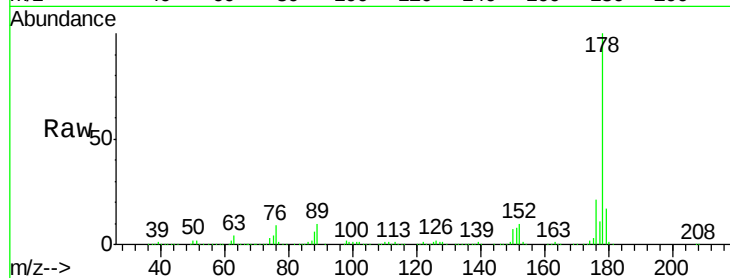
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2489343

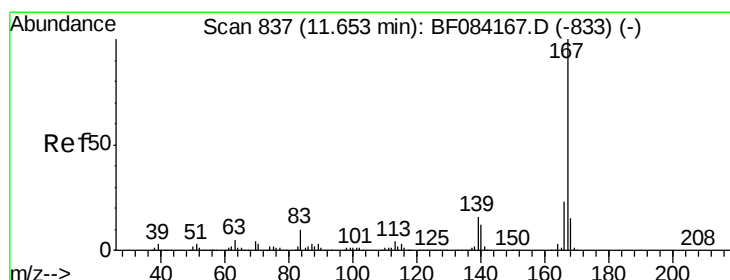
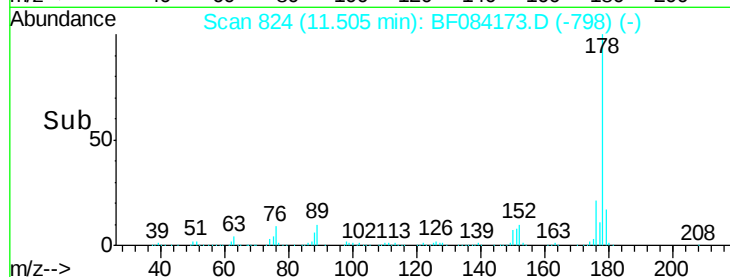
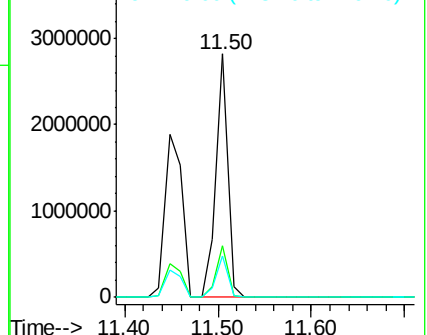
Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.1	25.7
179	17.3	13.9	20.9



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: 36.02 ng

RT: 11.65 min Scan# 837

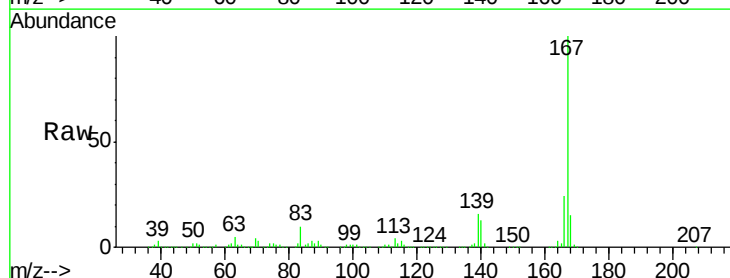
Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Tgt Ion:167 Resp: 2056428

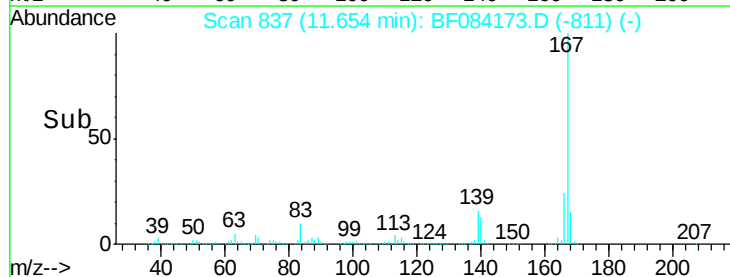
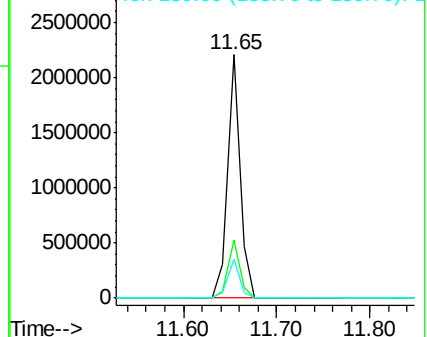
Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.6	28.0
139	16.0	13.0	19.6

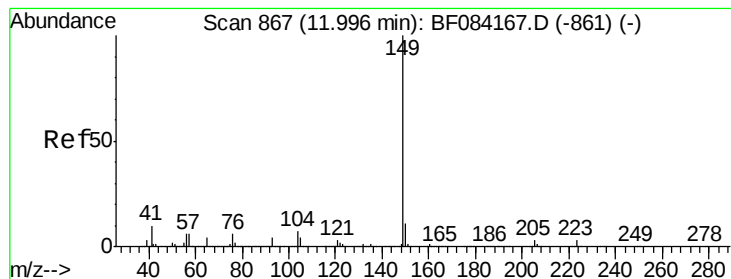


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.92 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

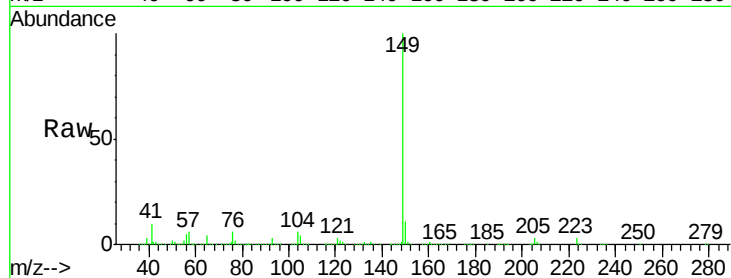
Tot Ion:149 Resp: 2698221

Ion Ratio Lower Upper

149 100

150 10.8 8.5 12.7

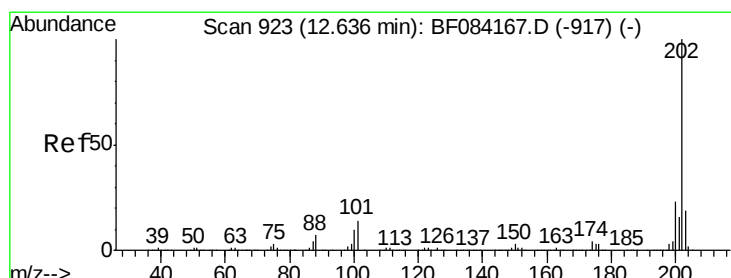
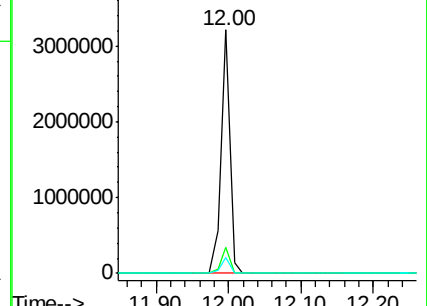
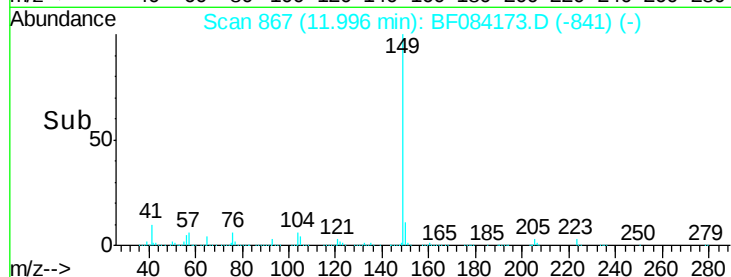
104 6.3 5.2 7.8



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: 41.37 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

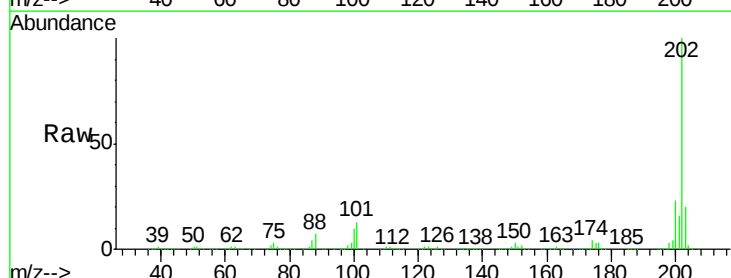
Tgt Ion:202 Resp: 2349510

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.0

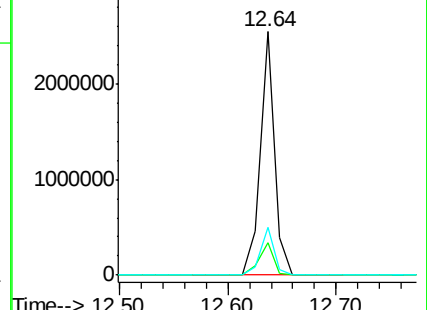
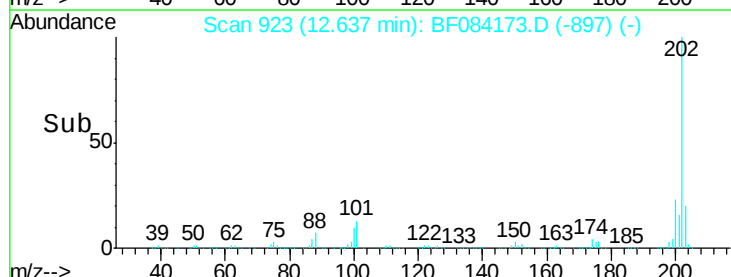
203 19.6 0.0 39.2

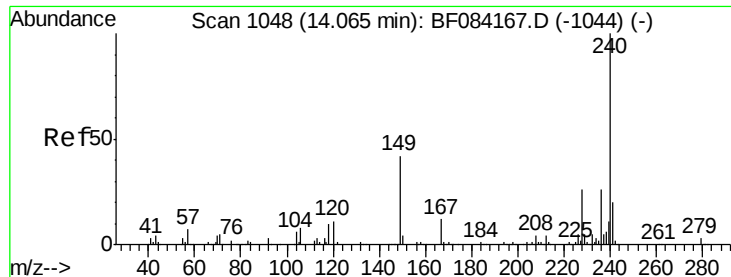


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampled :

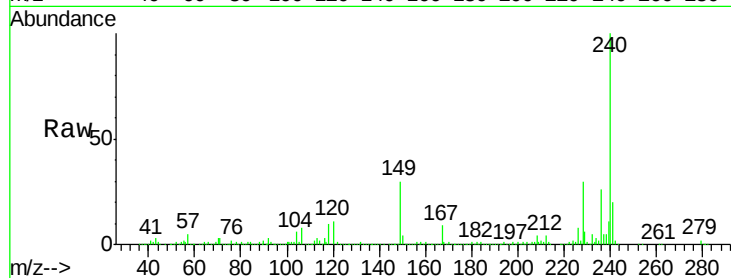
Tot Ion:240 Resp: 915184

Ion Ratio Lower Upper

240 100

120 11.5 8.8 13.2

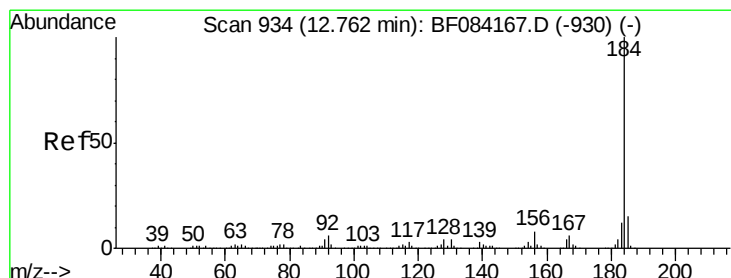
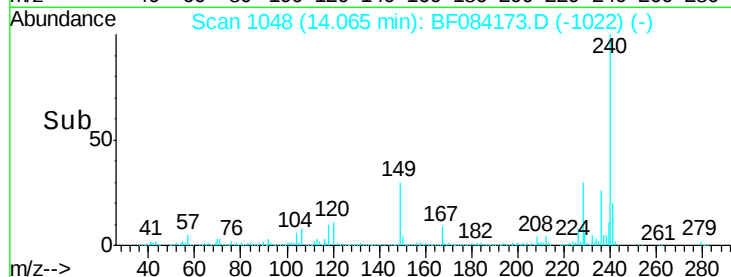
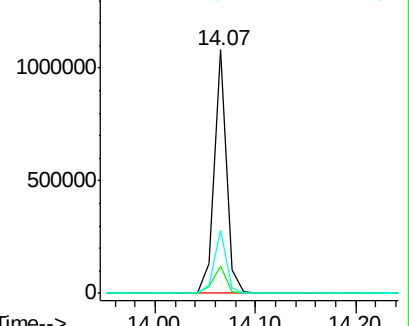
236 25.7 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.55 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

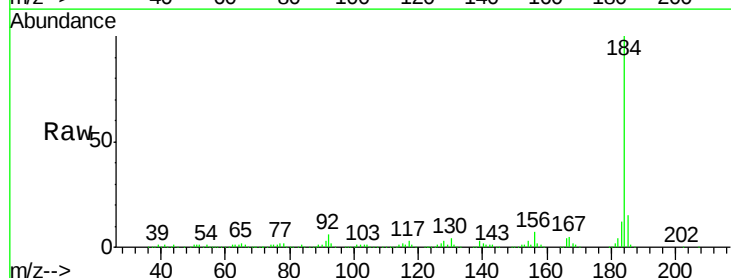
Tgt Ion:184 Resp: 1380008

Ion Ratio Lower Upper

184 100

185 15.3 11.9 17.9

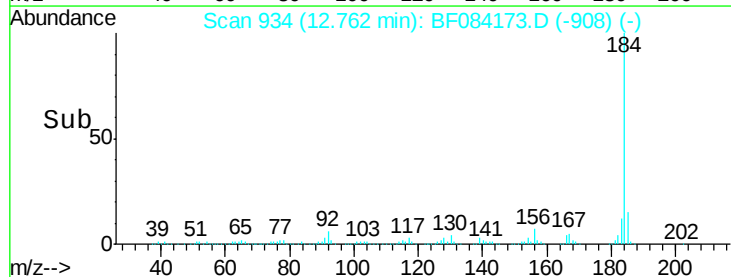
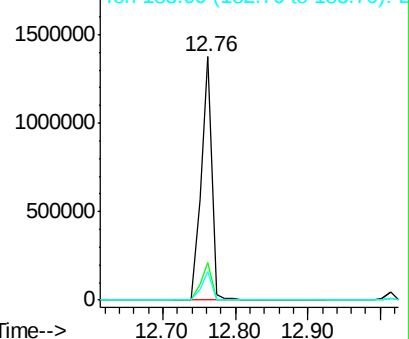
183 11.7 9.5 14.3

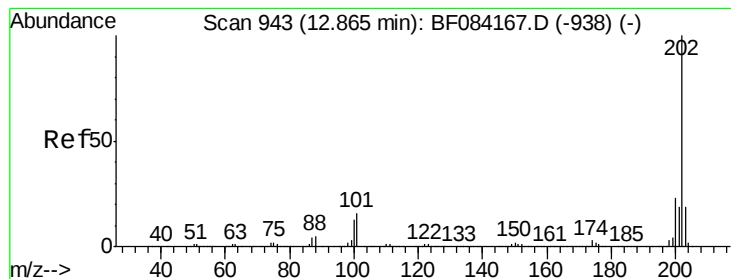


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.80 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

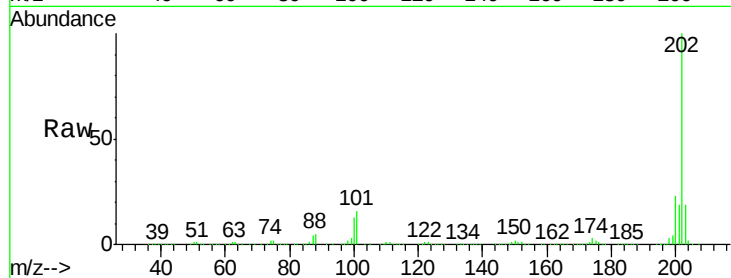
Tot Ion:202 Resp: 2408029

Ion Ratio Lower Upper

202 100

200 23.0 18.7 28.1

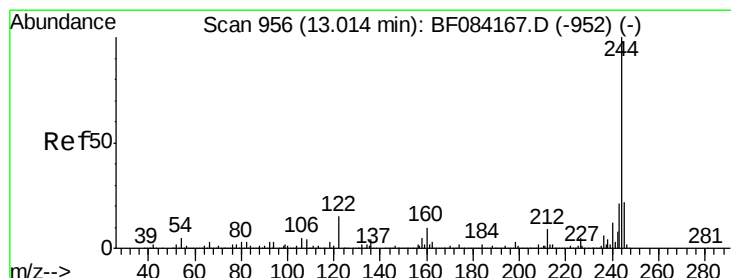
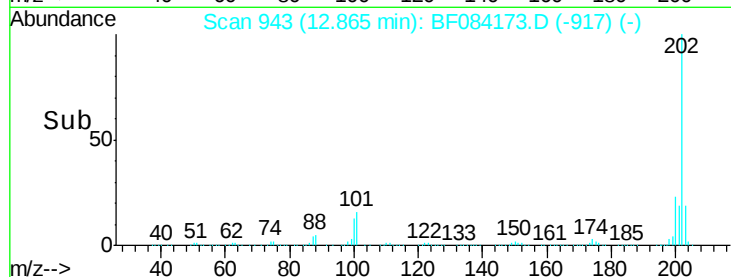
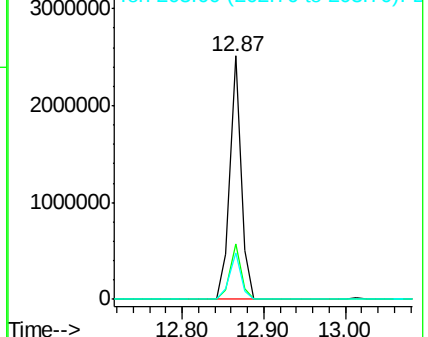
203 19.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.61 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

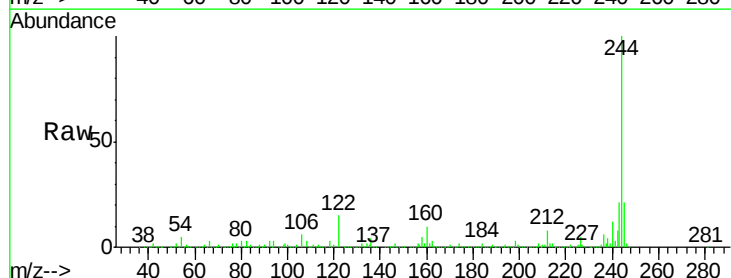
Tgt Ion:244 Resp: 2627215

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

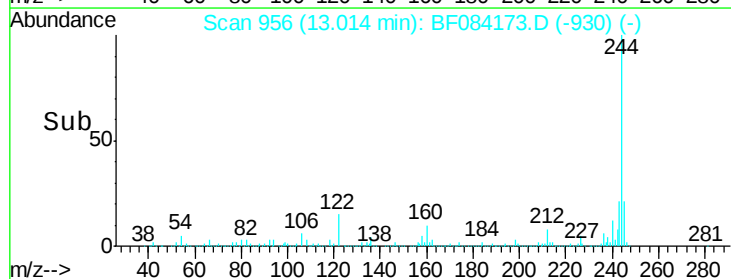
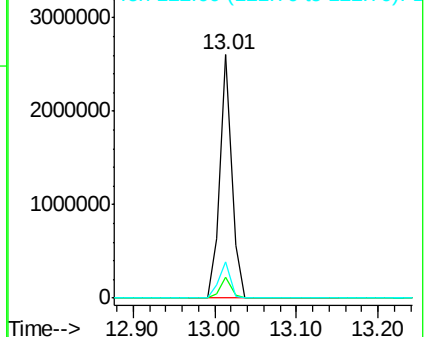
122 15.0 11.9 17.9

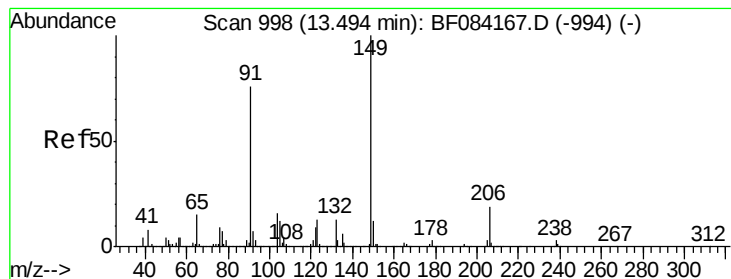


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.96 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

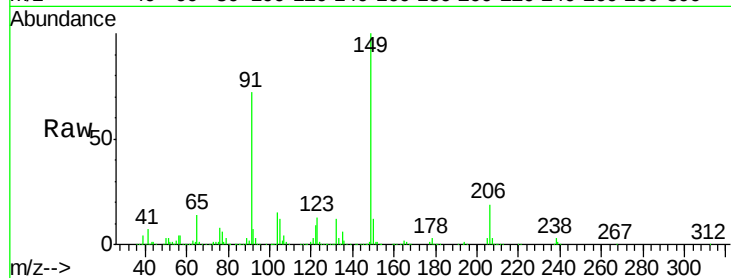
Tot Ion:149 Resp: 1262612

Ion Ratio Lower Upper

149 100

91 72.2 61.1 91.7

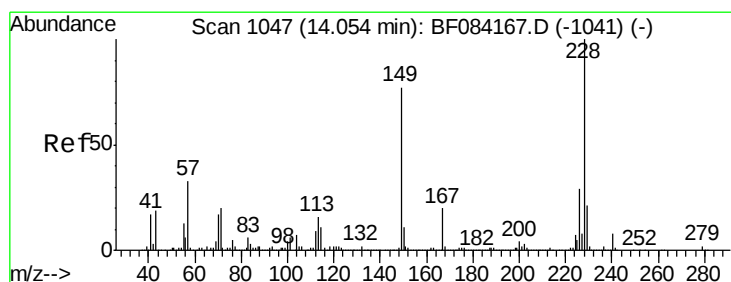
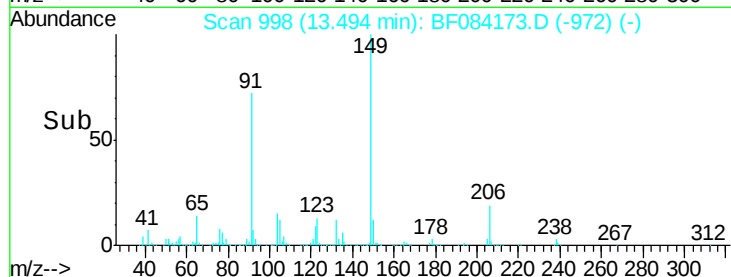
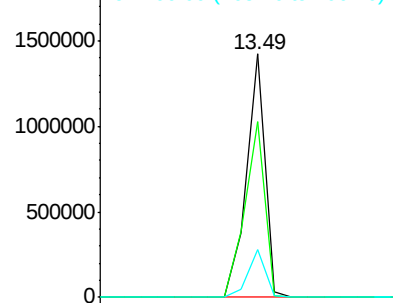
206 19.4 15.3 22.9



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: 38.62 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

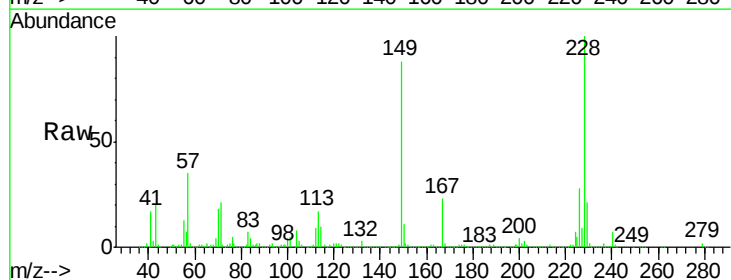
Tgt Ion:228 Resp: 2040170

Ion Ratio Lower Upper

228 100

226 28.4 23.1 34.7

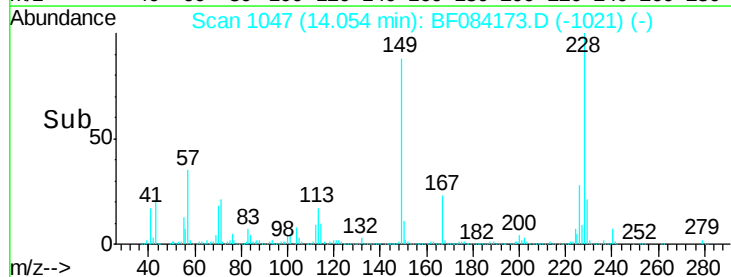
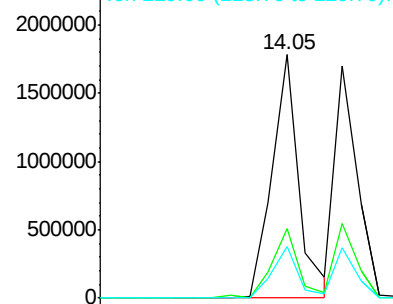
229 21.3 16.6 25.0

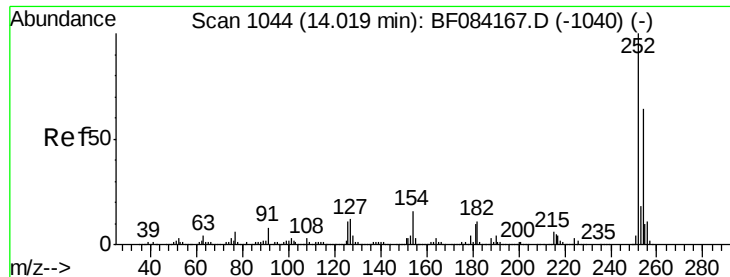


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

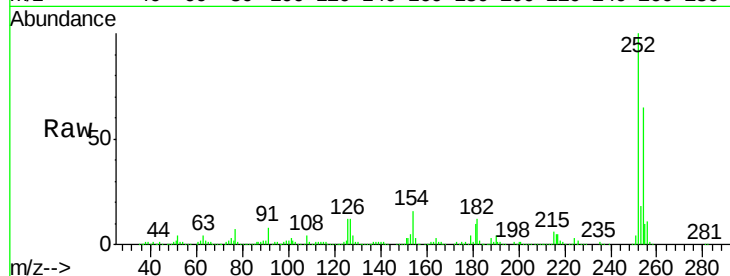




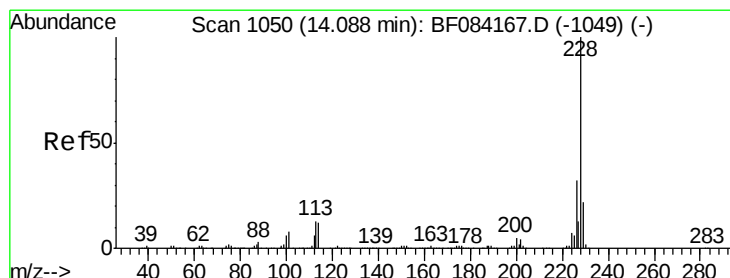
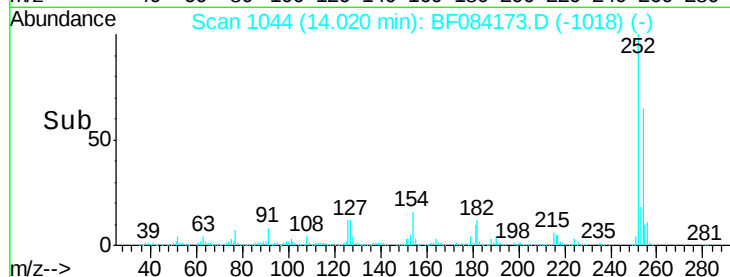
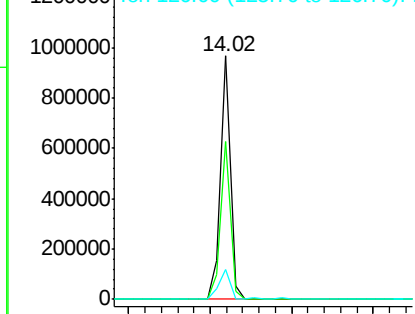
#81
 3,3'-Dichlorobenzidine
 Concen: 40.81 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 813857
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.4 77.0
 126 12.1 9.0 13.6

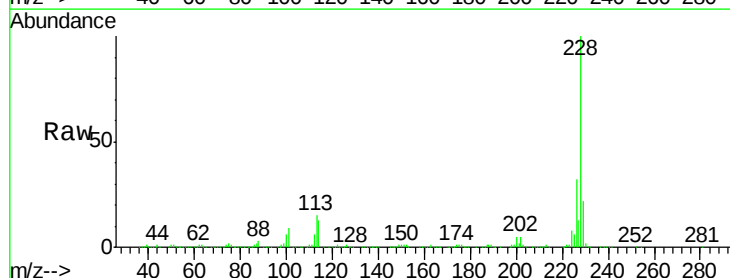


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

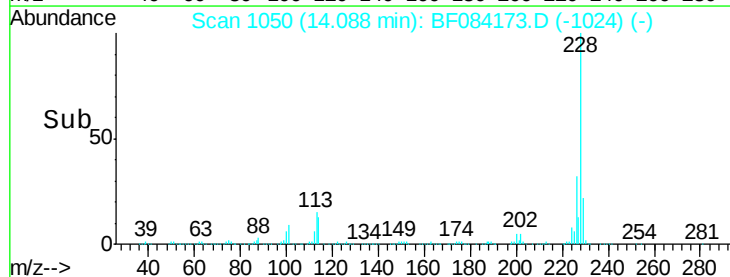
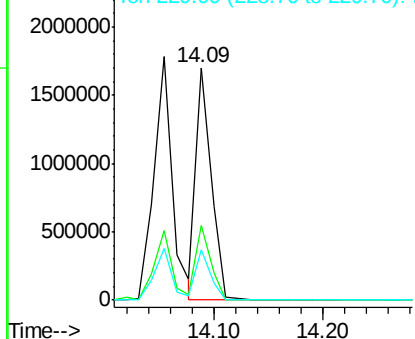


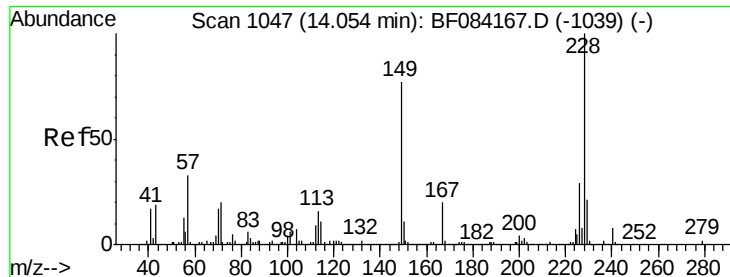
#82
 Chrysene
 Concen: 34.22 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Tgt Ion:228 Resp: 1666081
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.4 38.2
 229 21.6 17.4 26.2



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

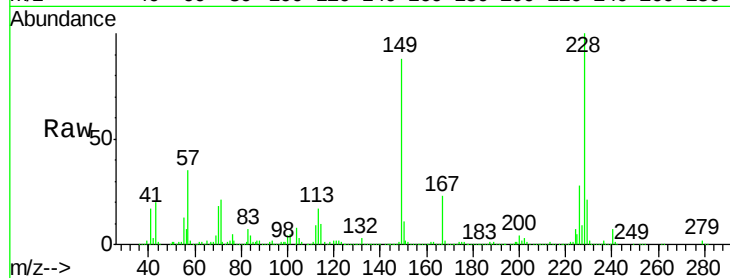




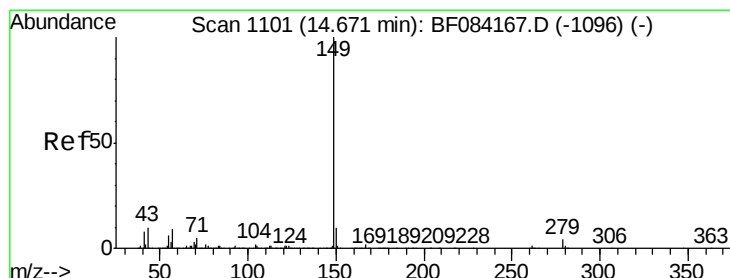
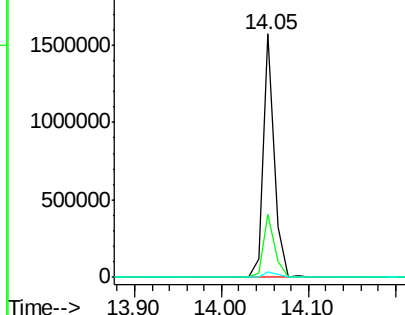
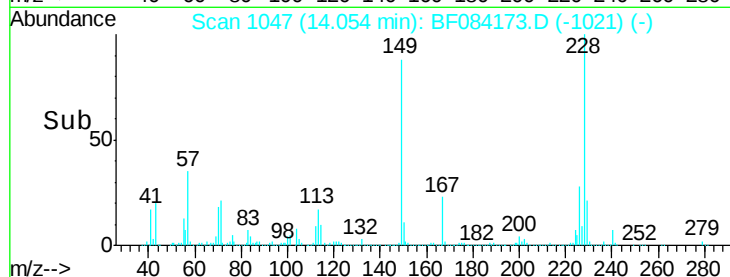
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.15 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1399640
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.6 30.8
 279 2.2 1.6 2.4

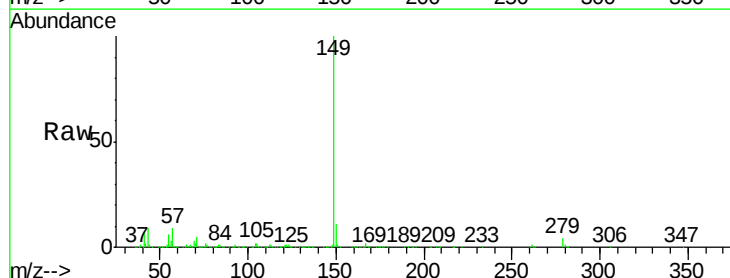


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

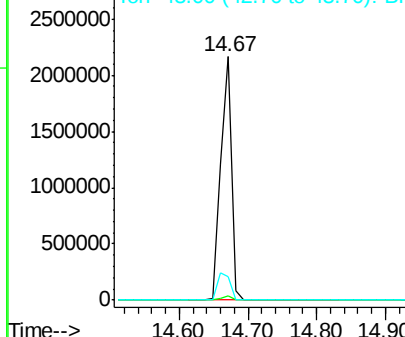
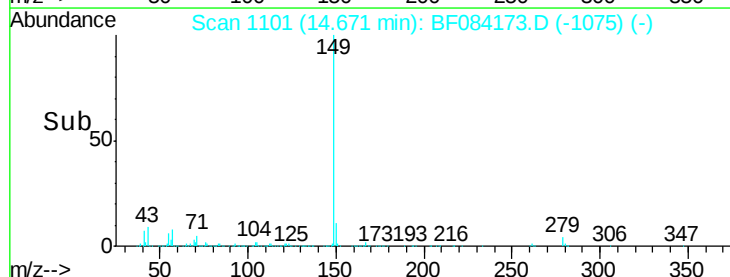


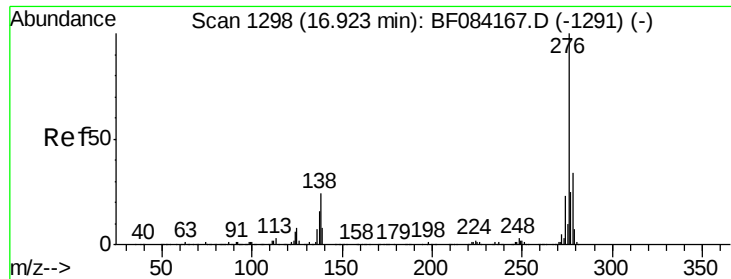
#84
 Di-n-octyl phthalate
 Concen: 40.49 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Tgt Ion:149 Resp: 2396370
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 13.1 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.15 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA_F

ClientSampleId :

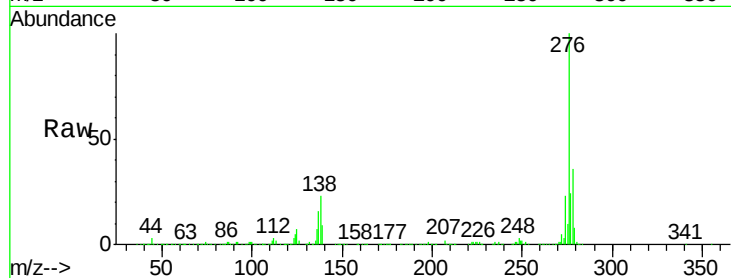
Tot Ion:276 Resp: 1543908

Ion Ratio Lower Upper

276 100

138 26.8 21.8 32.6

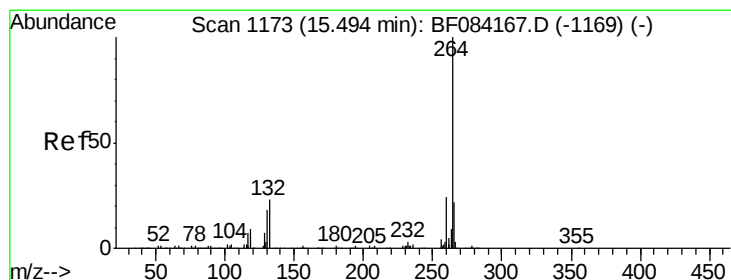
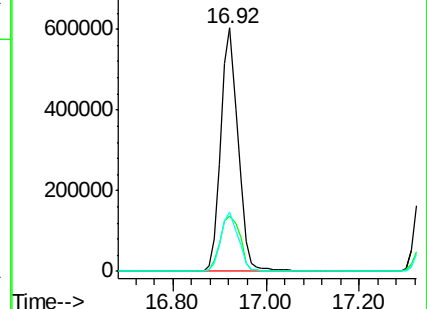
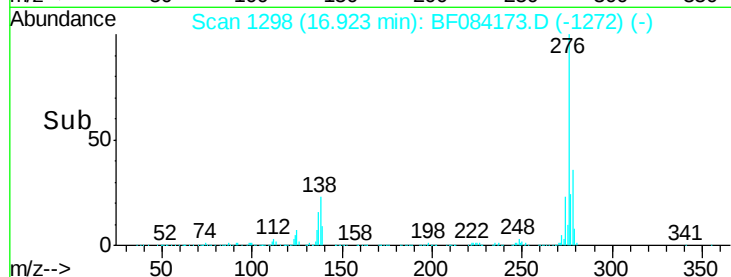
277 25.0 19.7 29.5



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: 15.51 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

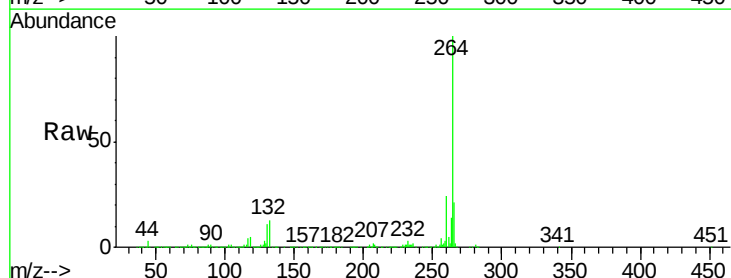
Tgt Ion:264 Resp: 690941

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

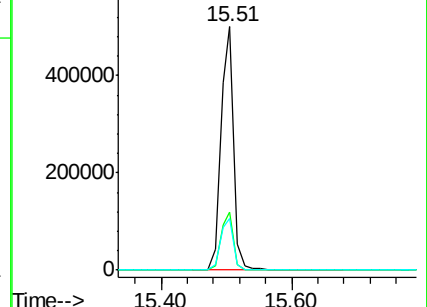
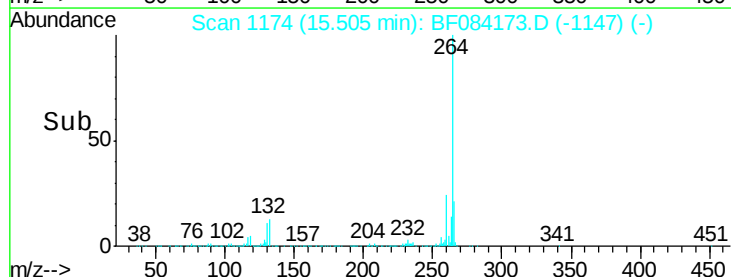
265 21.2 18.0 27.0

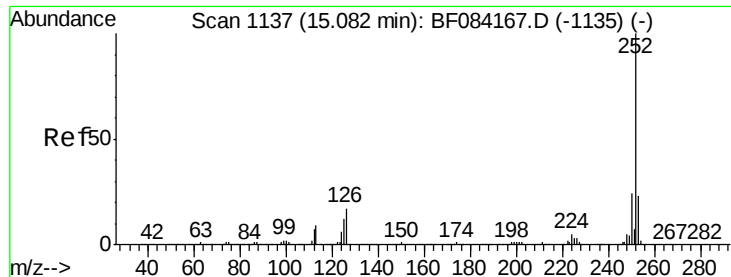


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

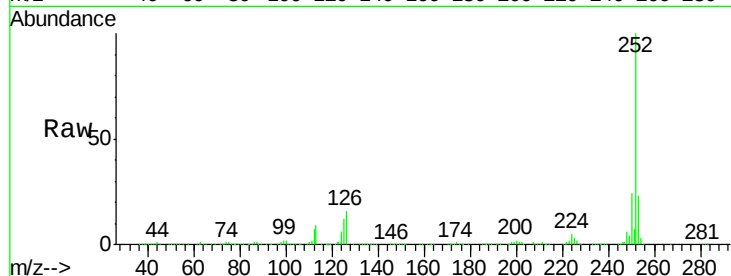




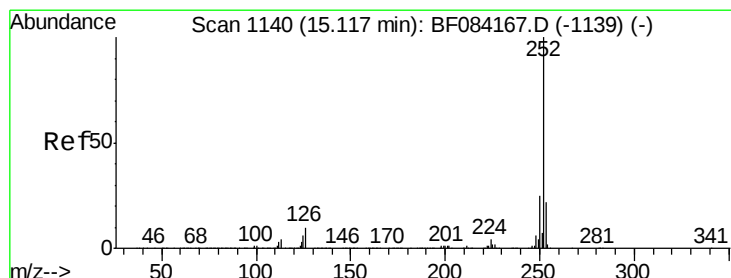
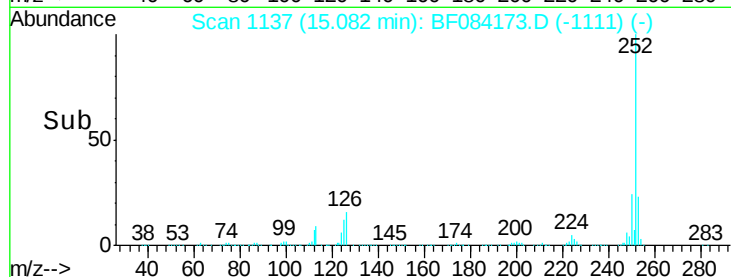
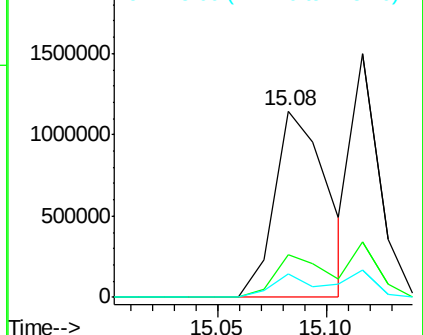
#87
Benzo(b)fluoranthene
Concen: 43.05 ng
RT: 15.08 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1939641
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.3 9.8 14.6

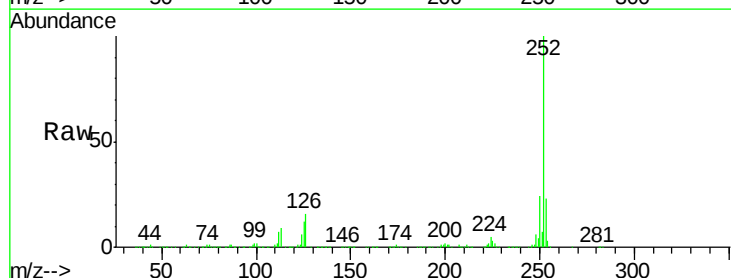


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

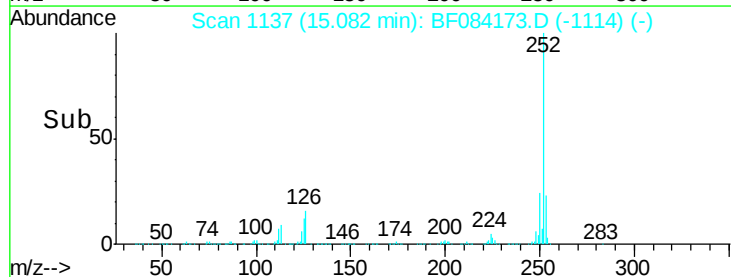
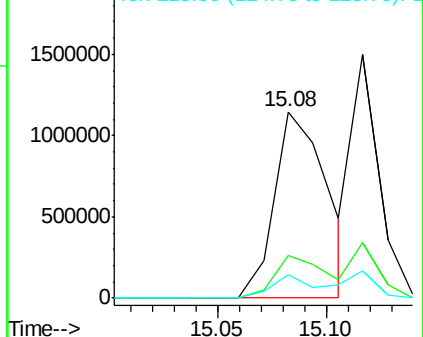


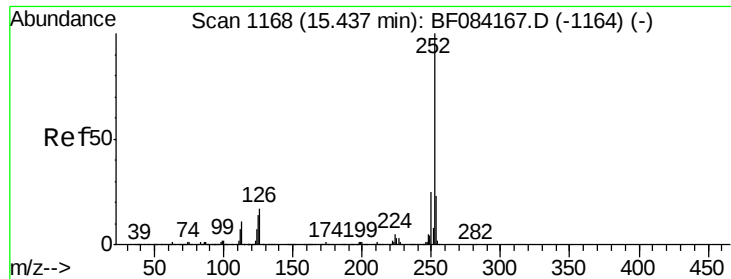
#88
Benzo(k)fluoranthene
Concen: 51.60 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion:252 Resp: 1939641
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 12.3 8.2 12.2#



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

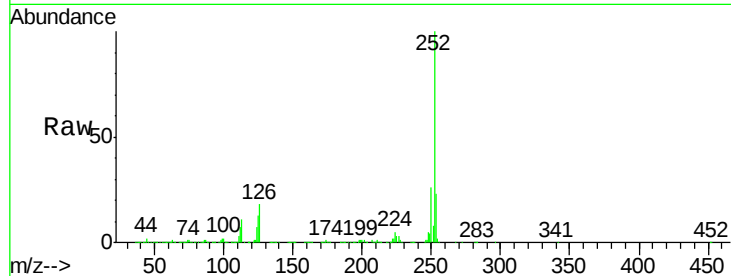




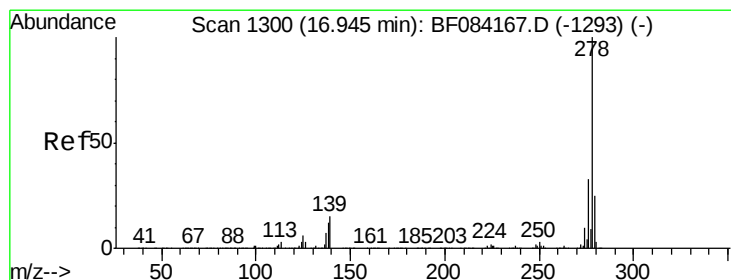
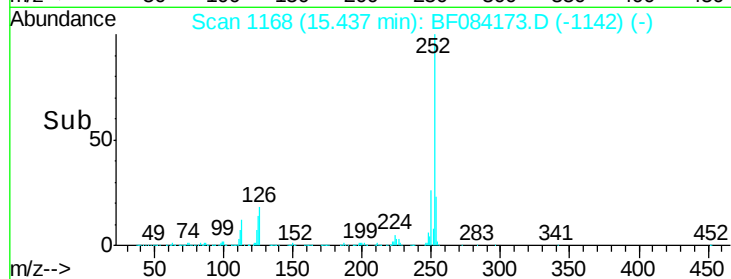
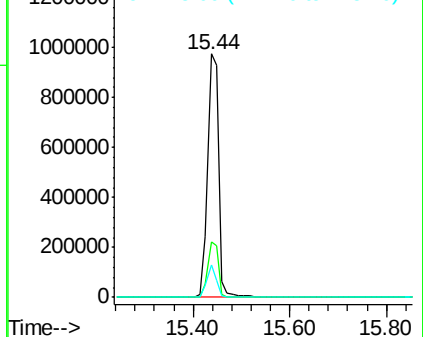
#89
Benzo(a)pyrene
Concen: 40.26 ng
RT: 15.44 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1559024
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 13.4 11.1 16.7

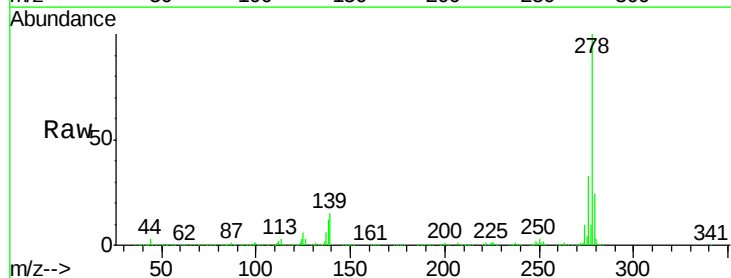


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

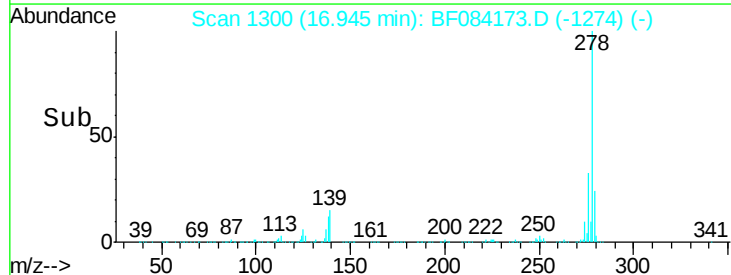
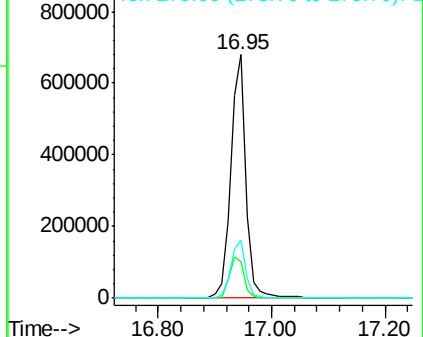


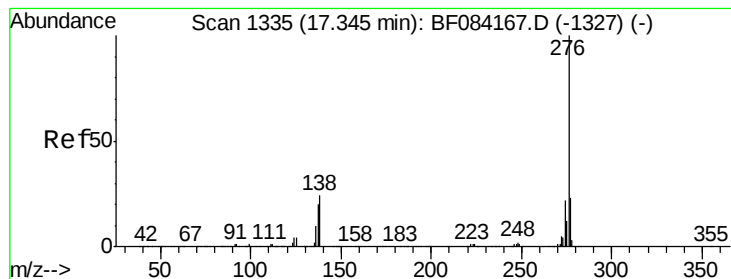
#90
Dibenzo(a,h)anthracene
Concen: 40.29 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084173.D
Acq: 31 Dec 2015 3:39

Tgt Ion:278 Resp: 1272041
Ion Ratio Lower Upper
278 100
139 14.7 11.9 17.9
279 23.8 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.50 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF084173.D
 Acq: 31 Dec 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 1289659

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	24.8	19.4	29.2

