

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083699.D
 Acq On : 11 Dec 2015 15:47
 Operator : UM/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 17:58:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 17:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	156697	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	636243	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	295191	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	526179	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	450724	20.00	ng	-0.01
86) Perylene-d12	15.51	264	299666	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	218361	21.14	ng	-0.01
7) Phenol-d6	6.53	99	262514	19.02	ng	-0.01
23) Nitrobenzene-d5	7.48	82	176890	12.97	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	50133	19.06	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	446315	21.28	ng	0.00
78) Terphenyl-d14	13.03	244	419312	21.89	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	51125	10.02	ng	# 84
3) Pyridine	3.30	79	136889	11.04	ng	93
4) n-Nitrosodimethylamine	3.23	42	52094	7.98	ng	# 78
6) Aniline	6.58	93	187917	11.05	ng	# 83
8) 2-Chlorophenol	6.70	128	121177	10.72	ng	86
9) Benzaldehyde	6.46	77	86082	11.74	ng	91
10) Phenol	6.54	94	147625	8.83	ng	80
11) bis(2-Chloroethyl)ether	6.65	93	108691	8.84	ng	100
12) 1,3-Dichlorobenzene	6.86	146	133625	10.61	ng	99
13) 1,4-Dichlorobenzene	6.94	146	133770	10.35	ng	93
14) 1,2-Dichlorobenzene	7.09	146	123729	10.32	ng	99
15) Benzyl Alcohol	7.06	79	95160	9.69	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	163012	7.17	ng	66
17) 2-Methylphenol	7.17	107	92085	10.02	ng	# 82
18) Hexachloroethane	7.45	117	44215	9.69	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	78468	8.14	ng	# 86
20) 3+4-Methylphenols	7.32	107	124975	10.32	ng	# 66
22) Acetophenone	7.32	105	162604	9.11	ng	# 84
24) Nitrobenzene	7.49	77	94594	6.28	ng	98
25) Isophorone	7.74	82	218804	8.27	ng	# 89
26) 2-Nitrophenol	7.82	139	26352	4.40	ng	# 75
27) 2,4-Dimethylphenol	7.86	122	109688	10.48	ng	93
28) bis(2-Chloroethoxy)methane	7.95	93	120488	8.20	ng	99
29) 2,4-Dichlorophenol	8.05	162	84803	8.91	ng	93
30) 1,2,4-Trichlorobenzene	8.16	180	98168	9.34	ng	96
31) Naphthalene	8.24	128	335899	9.97	ng	99
32) Benzoic acid	7.92	122	33021	5.60	ng	88
33) 4-Chloroaniline	8.27	127	141190	11.49	ng	# 92
34) Hexachlorobutadiene	8.36	225	53935	8.78	ng	97
35) Caprolactam	8.60	113	26901	9.41	ng	# 76
36) 4-Chloro-3-methylphenol	8.74	107	92130	8.61	ng	96
37) 2-Methylnaphthalene	8.92	142	228696	10.80	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	89660	9.25	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	40145	30.57	ng	97

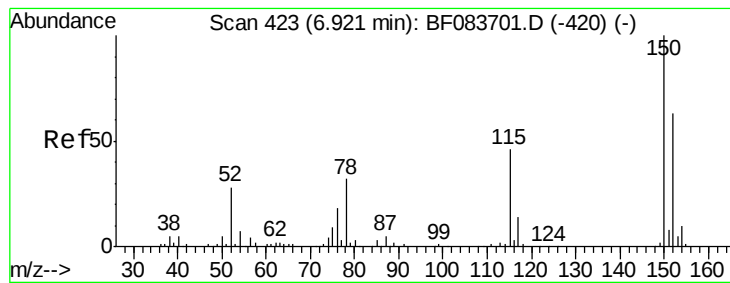
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083699.D
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 Operator : UM/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 17:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	62685	10.87	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	51971	9.10	nq	95
45) 1,1'-Biphenyl	9.38	154	261536	10.19	nq	98
46) 2-Chloronaphthalene	9.40	162	193665	10.00	nq	# 89
47) 2-Nitroaniline	9.49	65	34306	4.91	nq	# 81
48) Acenaphthylene	9.82	152	343715	10.76	nq	99
49) Dimethylphthalate	9.68	163	229057	9.75	nq	100
50) 2,6-Dinitrotoluene	9.73	165	33095	6.82	nq	92
51) Acenaphthene	10.00	154	199662	10.92	nq	99
52) 3-Nitroaniline	9.89	138	33486	6.49	nq	# 93
53) 2,4-Dinitrophenol	10.00	184	4404	2.13	nq	# 1
54) Dibenzofuran	10.17	168	267966	10.57	nq	99
55) 4-Nitrophenol	10.04	139	31661	13.95	nq	92
56) 2,4-Dinitrotoluene	10.13	165	38251	5.94	nq	# 79
57) Fluorene	10.51	166	224050	10.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	42871	10.14	nq	# 100
59) Diethylphthalate	10.37	149	208734	9.14	nq	96
60) 4-Chlorophenyl-phenylether	10.50	204	96187	9.13	nq	89
61) 4-Nitroaniline	10.50	138	32179	6.87	nq	# 73
62) Azobenzene	10.66	77	213343	8.49	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	7885	2.50	nq	# 74
65) n-Nitrosodiphenylamine	10.61	169	198113	11.41	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	61573	10.49	nq	99
67) Hexachlorobenzene	11.06	284	65528	10.52	nq	# 82
68) Atrazine	11.14	200	55499	10.74	nq	96
69) Pentachlorophenol	11.24	266	32117	23.56	nq	98
70) Phenanthrene	11.46	178	304913	10.09	nq	99
71) Anthracene	11.52	178	338107	10.80	nq	99
72) Carbazole	11.66	167	312918	11.65	nq	98
73) Di-n-butylphthalate	12.01	149	336484	9.96	nq	99
74) Fluoranthene	12.65	202	347142	11.22	nq	99
76) Benzidine	12.76	184	183598	13.10	nq	97
77) Pyrene	12.88	202	355068	10.94	nq	99
79) Butylbenzylphthalate	13.49	149	96136	6.67	nq	# 74
80) Benzo(a)anthracene	14.05	228	279599	10.60	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	85074	9.55	nq	99
82) Chrysene	14.10	228	268652	10.16	nq	98
83) Bis(2-ethylhexyl)phthalate	14.07	149	118553	5.93	nq	# 97
84) Di-n-octyl phthalate	14.67	149	129869	4.25	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	178522	10.00	nq	# 100
87) Benzo(b)fluoranthene	15.09	252	199010	11.66	nq	98
88) Benzo(k)fluoranthene	15.09	252	199010	10.58	nq	# 94
89) Benzo(a)pyrene	15.45	252	172555	10.36	nq	99
90) Dibenzo(a,h)anthracene	16.96	278	147789	11.61	nq	98
91) Benzo(g,h,i)perylene	17.36	276	156849	12.64	nq	97

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

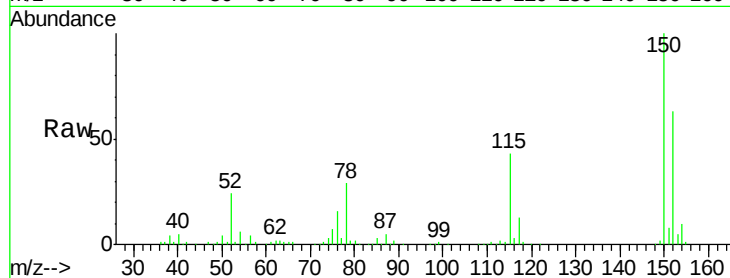


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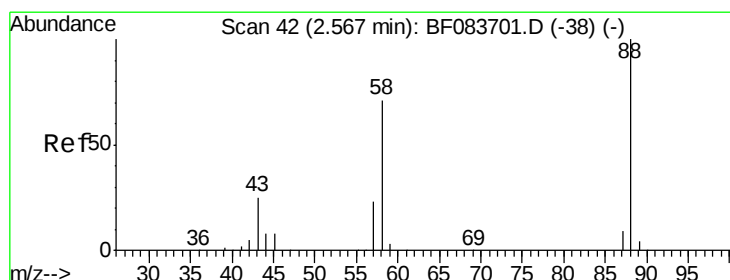
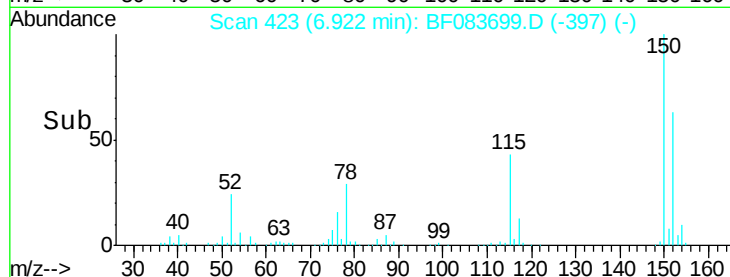
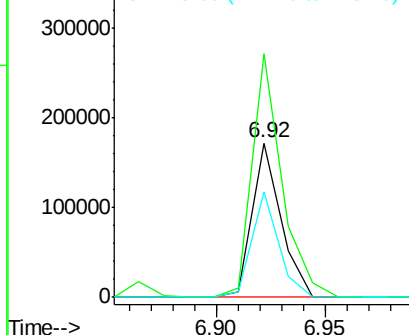
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156697
Ion Ratio Lower Upper
152 100
150 158.1 126.5 189.7
115 68.7 52.3 78.5



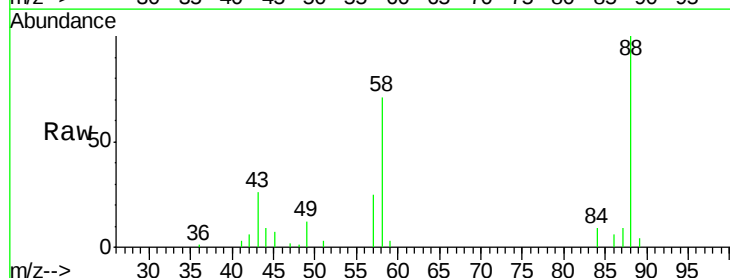
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



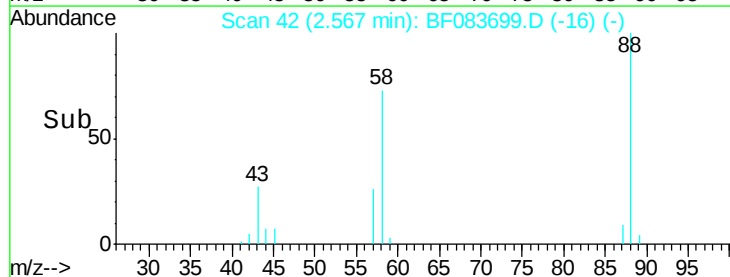
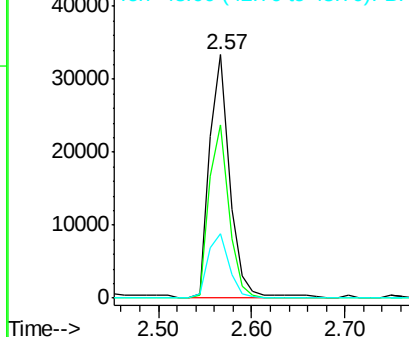
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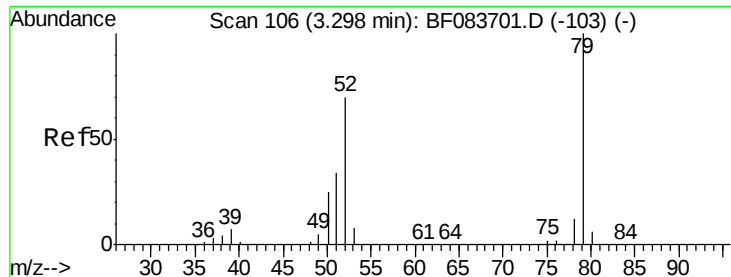
1,4-Dioxane
Concen: 10.02 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion: 88 Resp: 51125
Ion Ratio Lower Upper
88 100
58 68.7 68.0 102.0
43 27.4 27.9 41.9#



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: 11.04 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.00 min

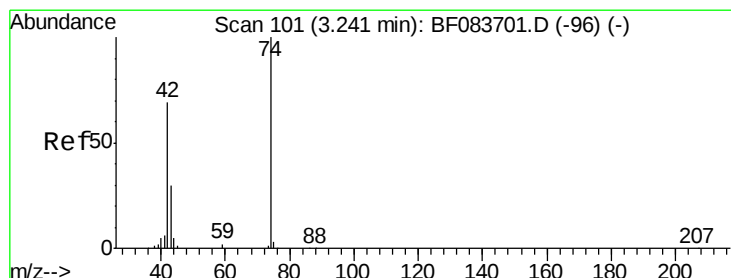
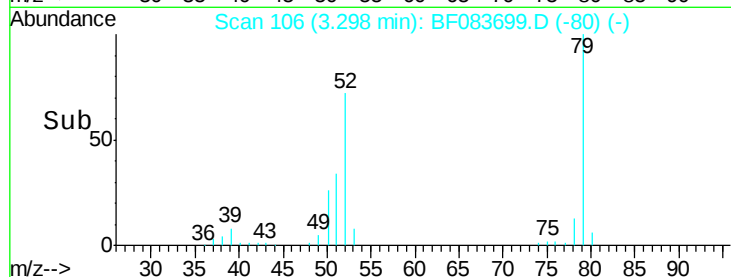
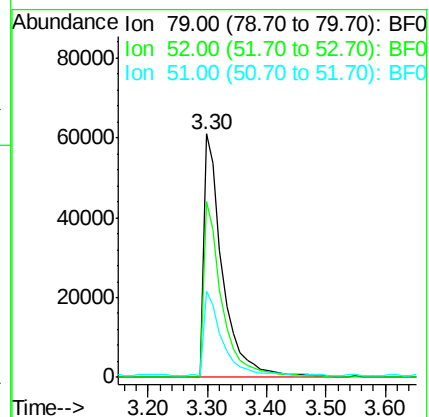
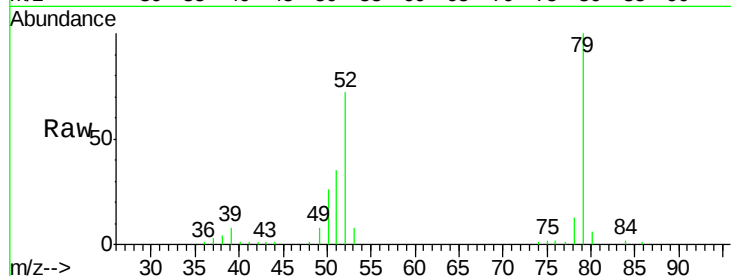
Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 136889

Ion	Ratio	Lower	Upper
79	100		
52	72.0	63.7	95.5
51	35.2	30.6	45.8



#4

n-Nitrosodimethylamine

Concen: 7.98 ng

RT: 3.23 min Scan# 100

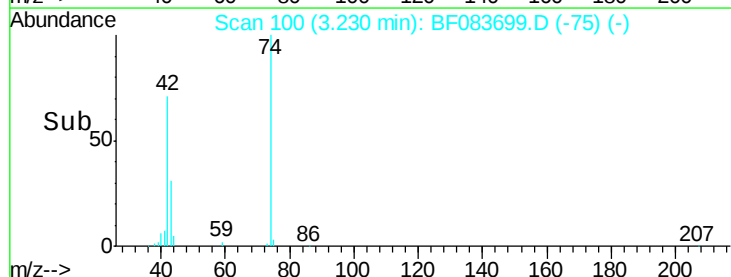
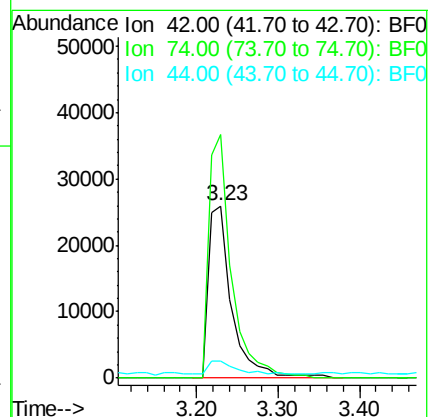
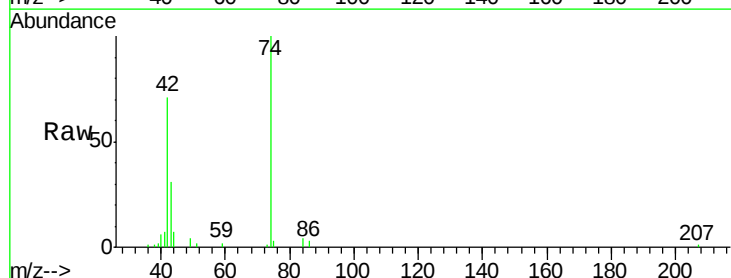
Delta R.T. -0.01 min

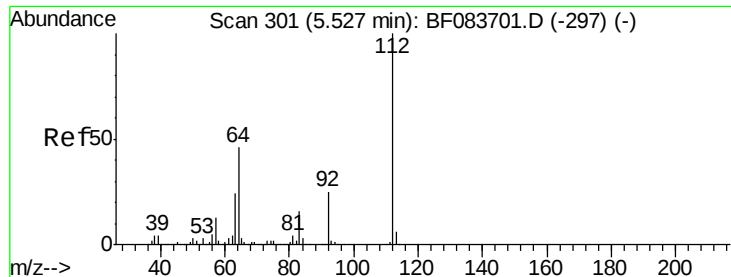
Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion: 42 Resp: 52094

Ion	Ratio	Lower	Upper
42	100		
74	141.4	92.9	139.3#
44	9.6	5.7	8.5#





#5

2-Fluorophenol

Concen: 21.14 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

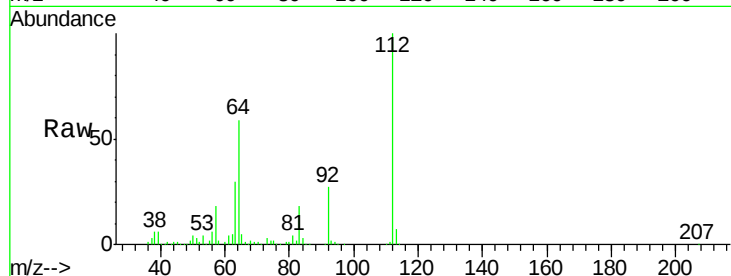
Tot Ion:112 Resp: 218361

Ion Ratio Lower Upper

112 100

64 59.2 50.5 75.7

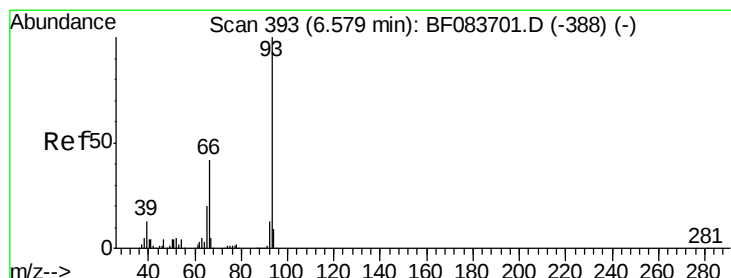
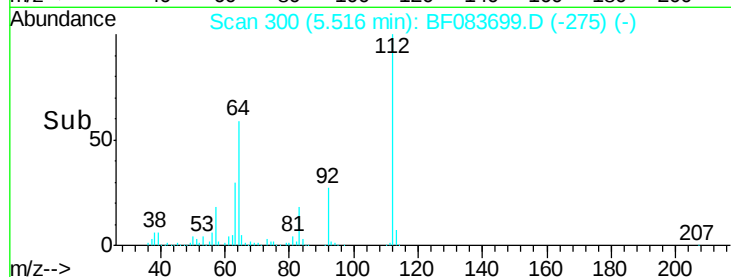
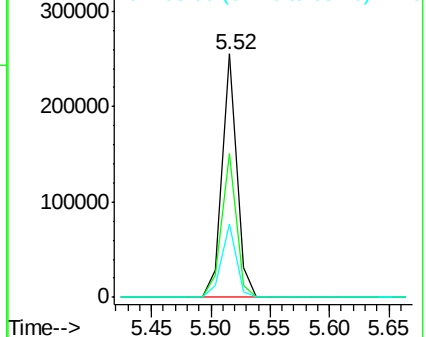
63 30.0 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.05 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

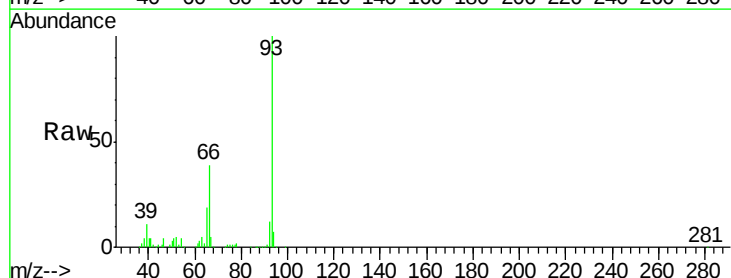
Tgt Ion: 93 Resp: 187917

Ion Ratio Lower Upper

93 100

66 38.6 41.3 61.9#

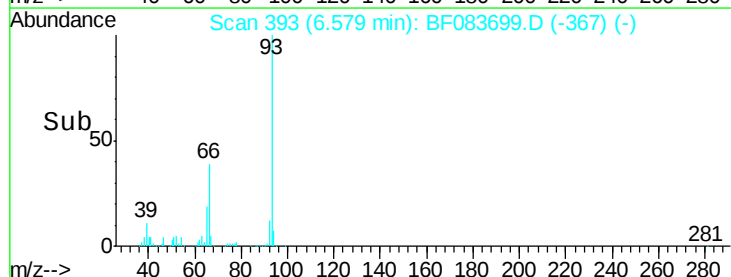
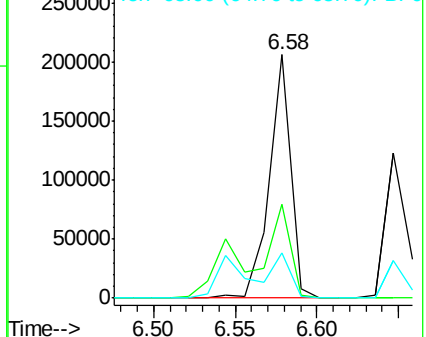
65 18.8 20.8 31.2#

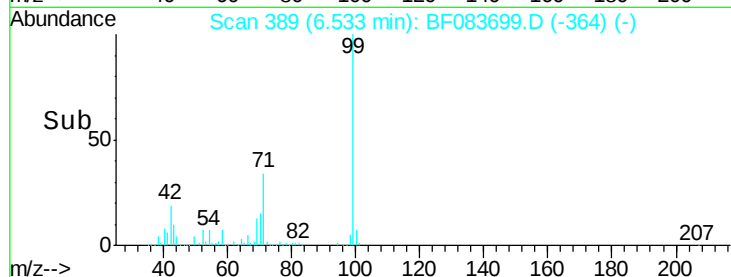
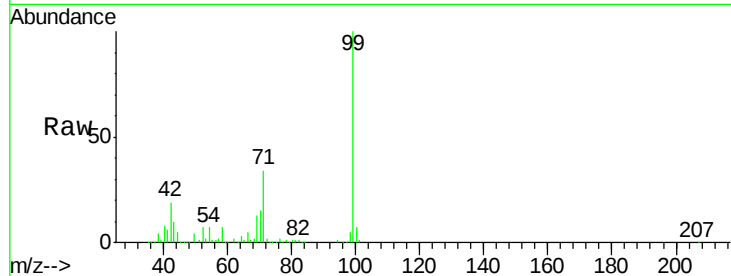
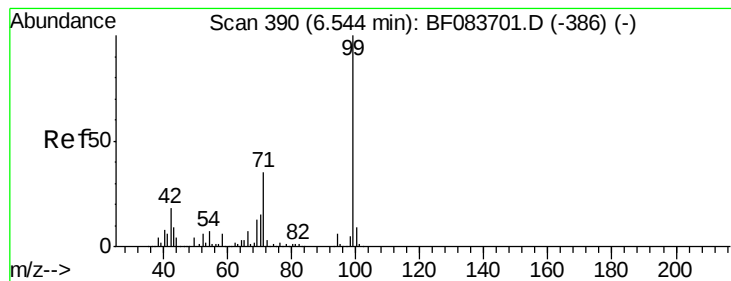


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 19.02 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

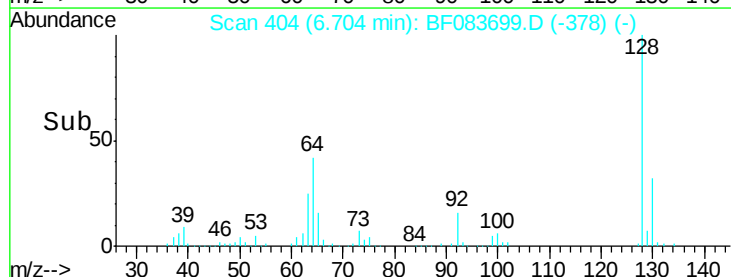
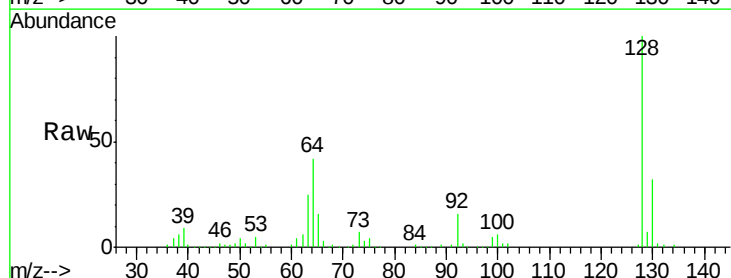
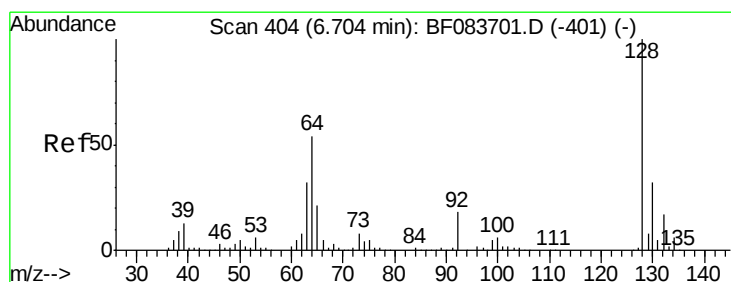
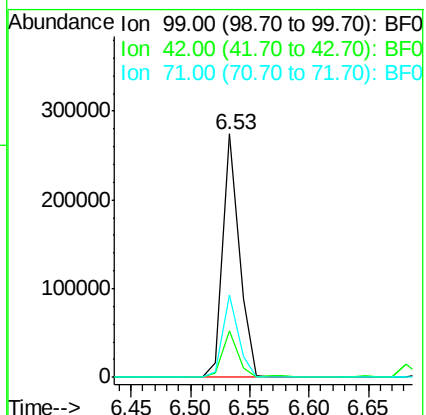
Tot Ion: 99 Resp: 262514

Ion Ratio Lower Upper

99 100

42 18.9 17.3 25.9

71 33.9 26.6 40.0



#8

2-Chlorophenol

Concen: 10.72 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

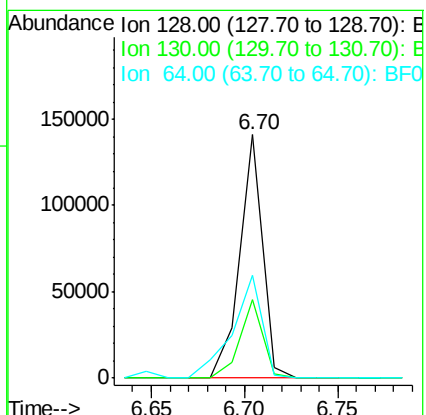
Tgt Ion: 128 Resp: 121177

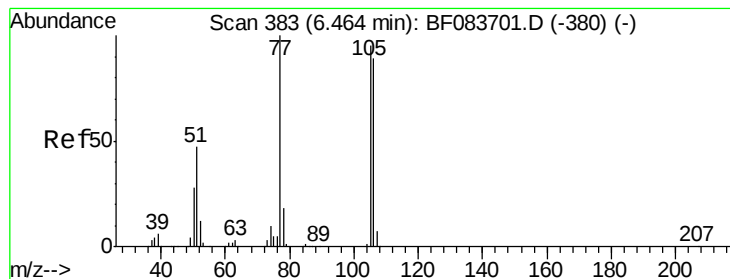
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 42.4 38.6 78.6





#9

Benzaldehyde

Concen: 11.74 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

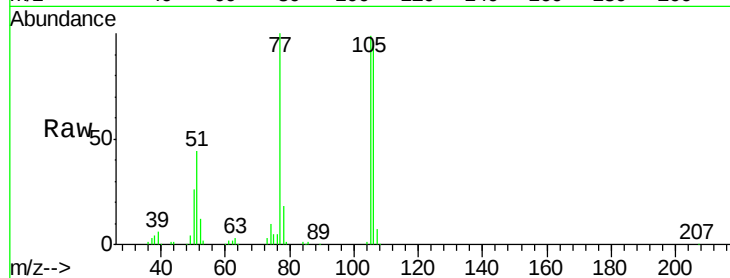
Tot Ion: 77 Resp: 86082

Ion Ratio Lower Upper

77 100

105 99.0 71.8 111.8

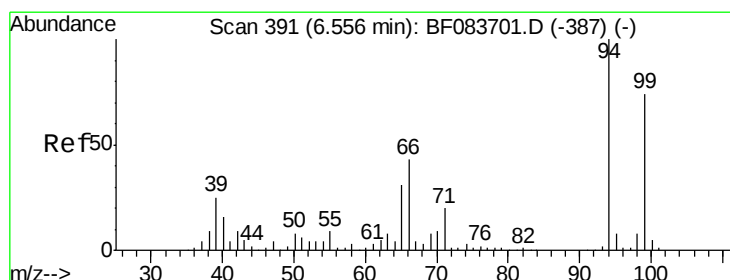
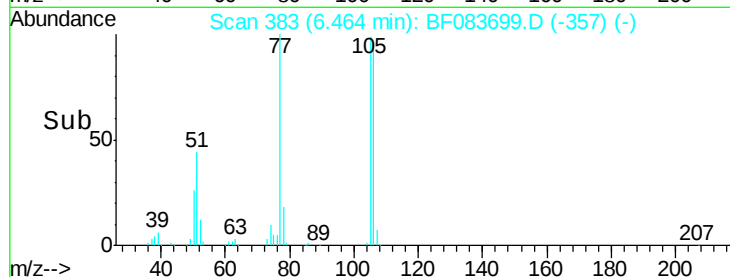
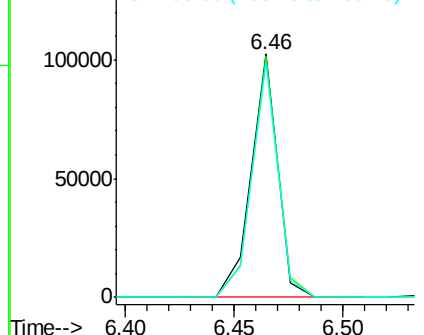
106 96.4 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 8.83 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

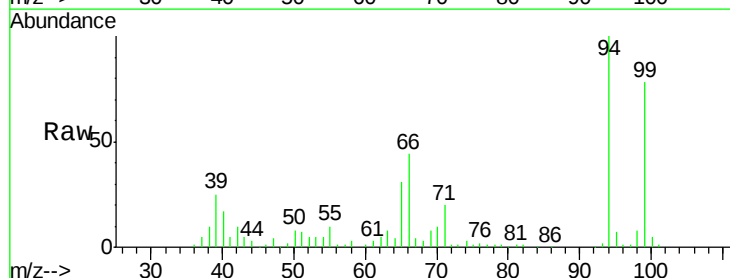
Tgt Ion: 94 Resp: 147625

Ion Ratio Lower Upper

94 100

65 31.1 20.9 60.9

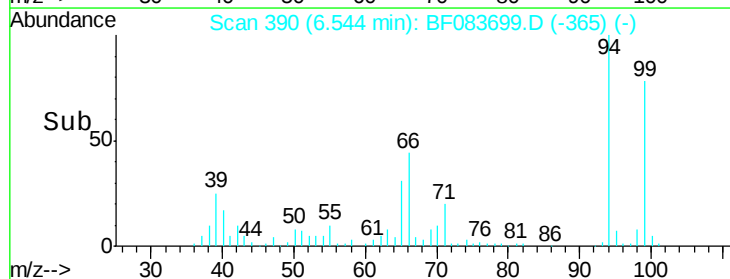
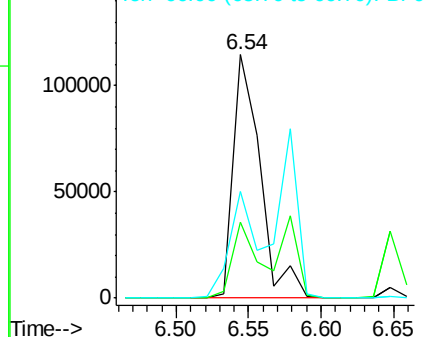
66 43.8 41.6 81.6

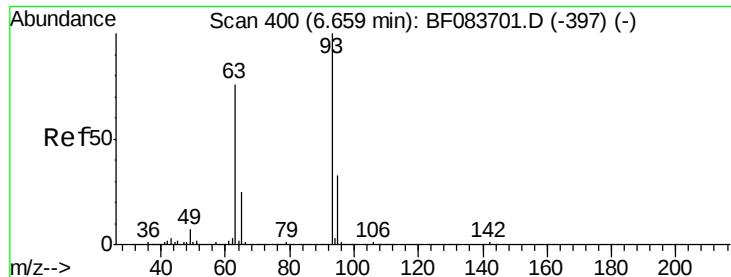


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 8.84 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

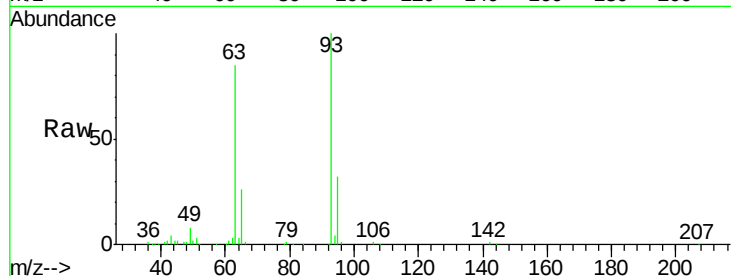
Tot Ion: 93 Resp: 108691

Ion Ratio Lower Upper

93 100

63 84.9 64.7 104.7

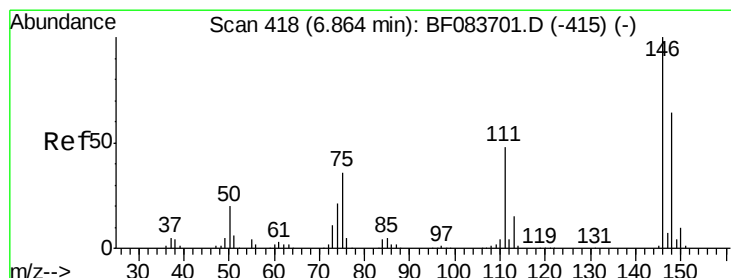
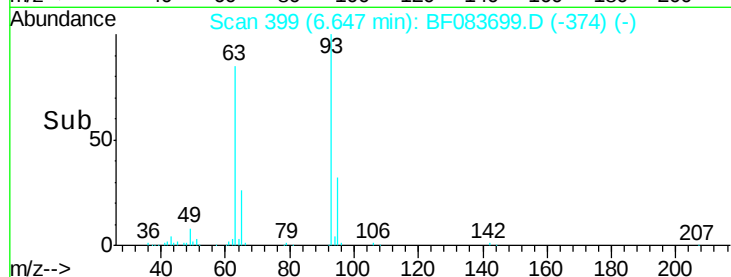
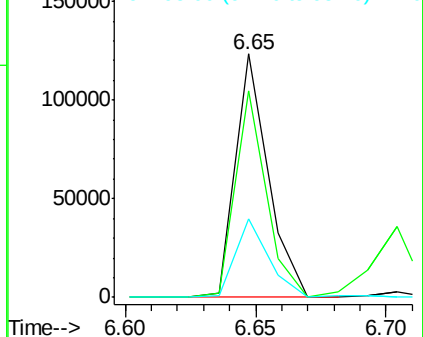
95 32.3 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 10.61 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

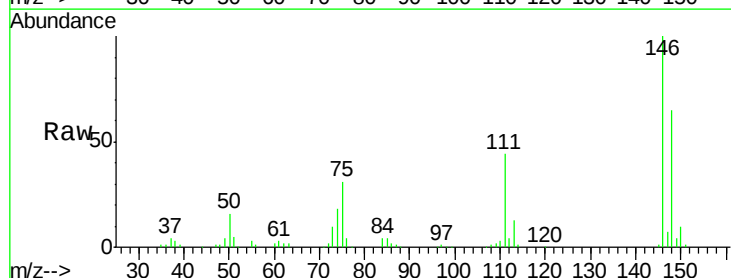
Tgt Ion: 146 Resp: 133625

Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

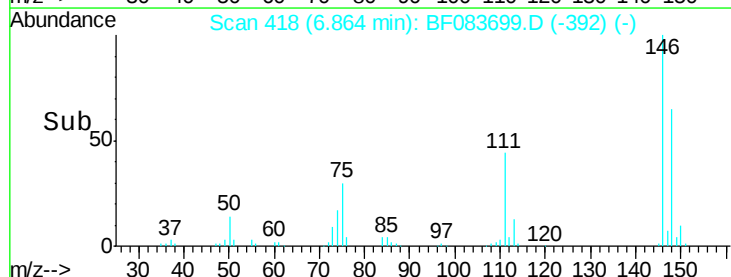
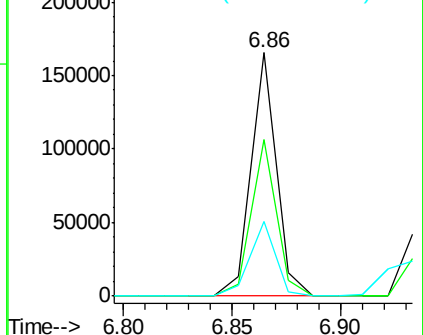
75 30.5 24.1 36.1

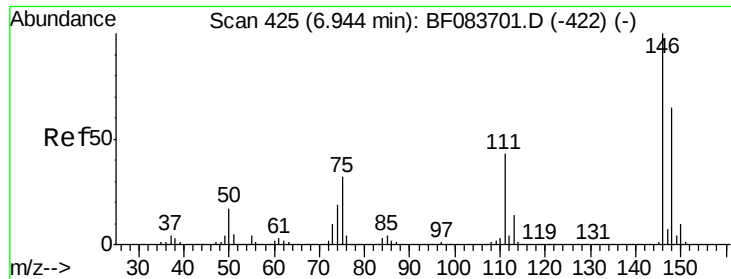


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

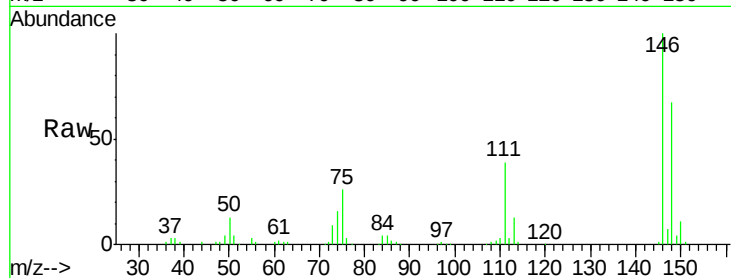




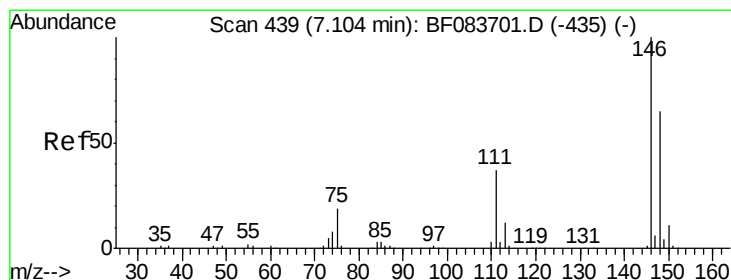
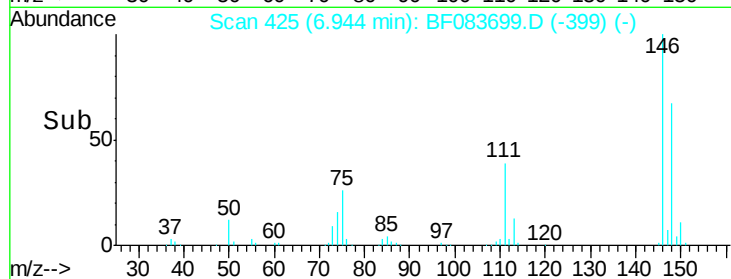
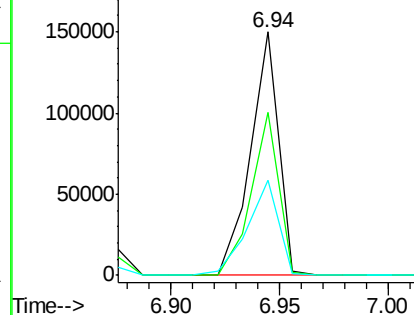
#13
 1,4-Dichlorobenzene
 Concen: 10.35 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 133770
 Ion Ratio Lower Upper
 146 100
 148 67.1 50.6 76.0
 111 38.8 36.1 54.1

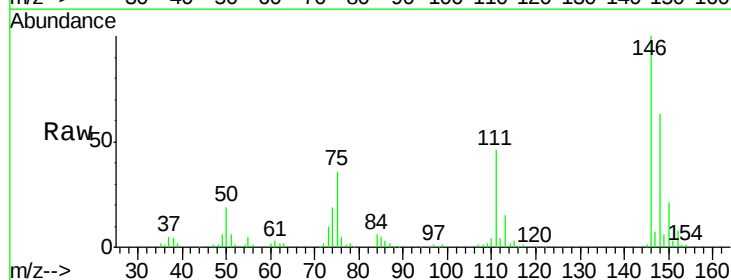


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

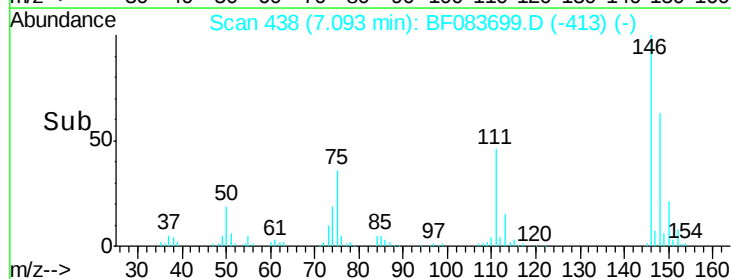
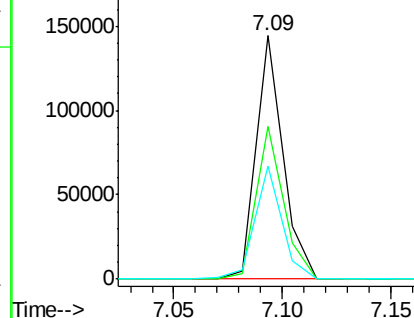


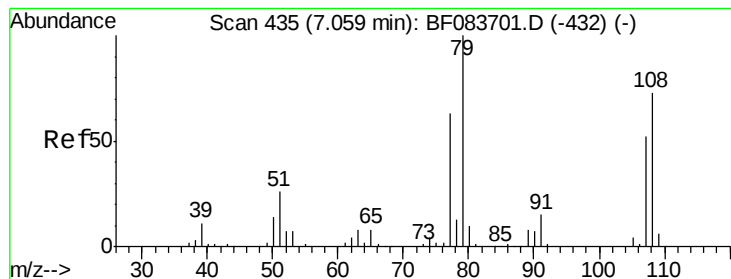
#14
 1,2-Dichlorobenzene
 Concen: 10.32 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion:146 Resp: 123729
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.0
 111 46.5 36.7 55.1



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: 9.69 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :

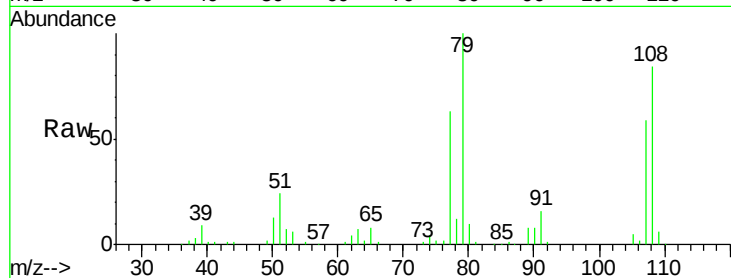
Tot Ion: 79 Resp: 95160

Ion Ratio Lower Upper

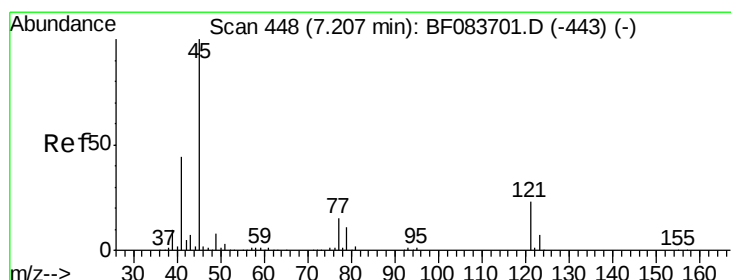
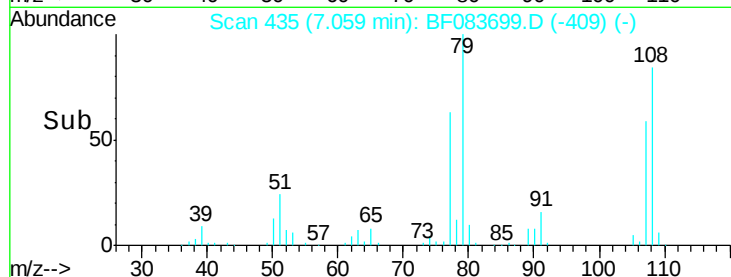
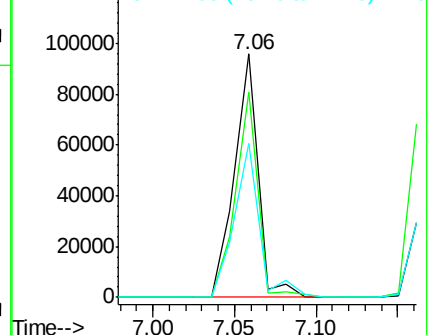
79 100

108 84.4 59.6 89.4

77 63.3 49.8 74.6



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.17 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

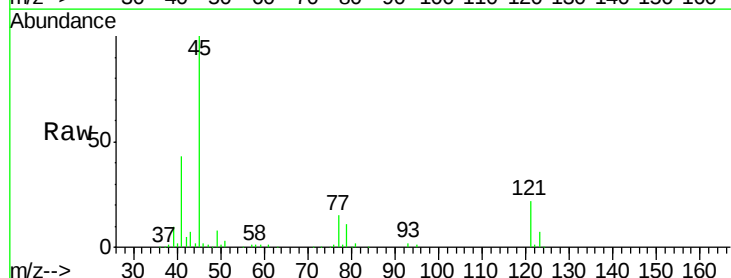
Tgt Ion: 45 Resp: 163012

Ion Ratio Lower Upper

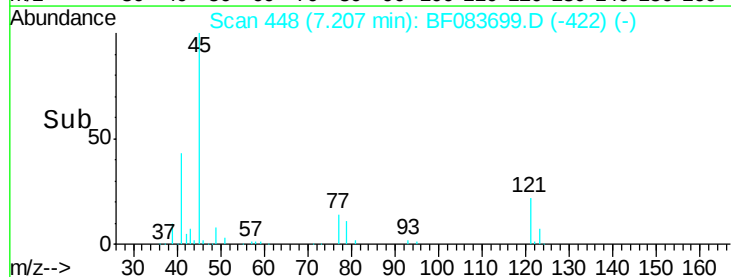
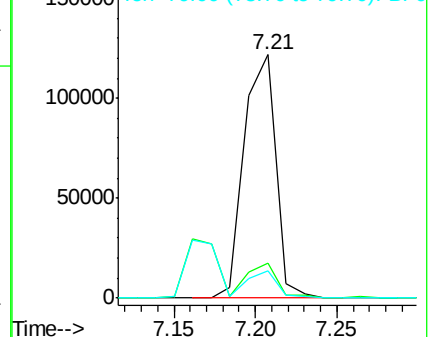
45 100

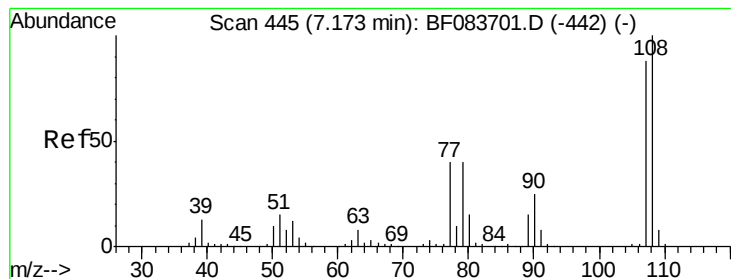
77 14.6 12.8 52.8

79 11.0 10.7 50.7



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

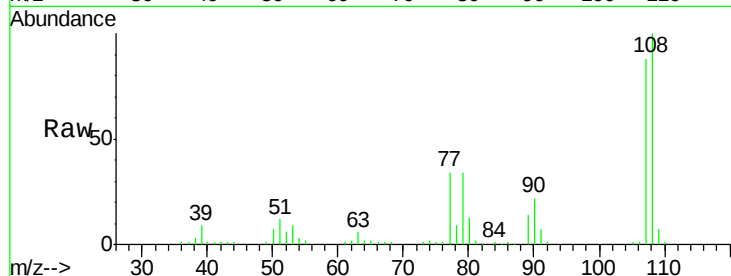




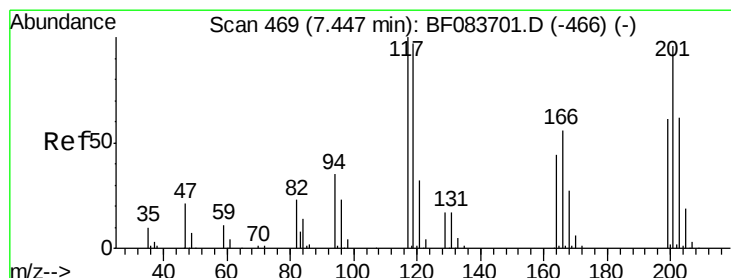
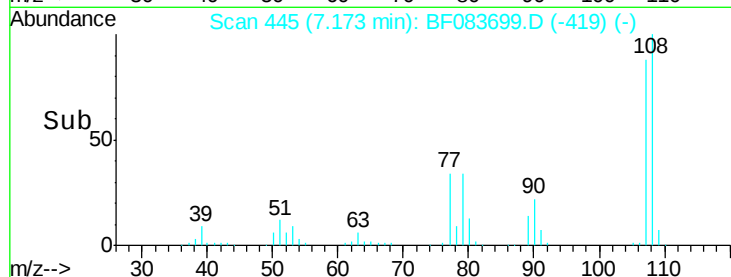
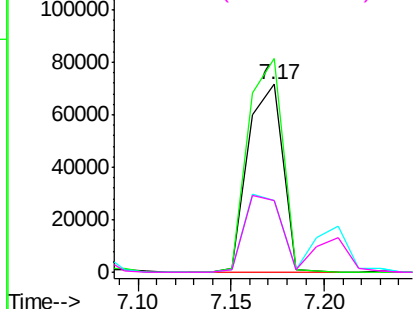
#17
2-Methylphenol
Concen: 10.02 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 92085
Ion Ratio Lower Upper
107 100
108 113.6 91.6 137.4
77 38.2 53.7 80.5#
79 38.1 50.2 75.4#

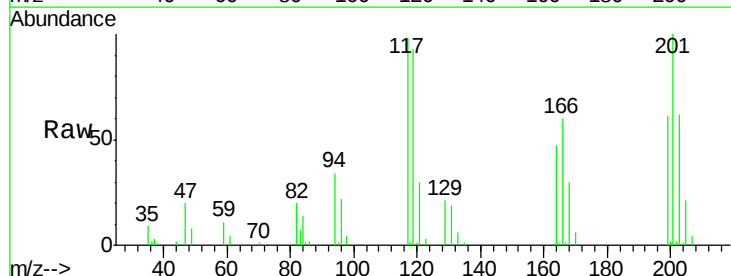


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

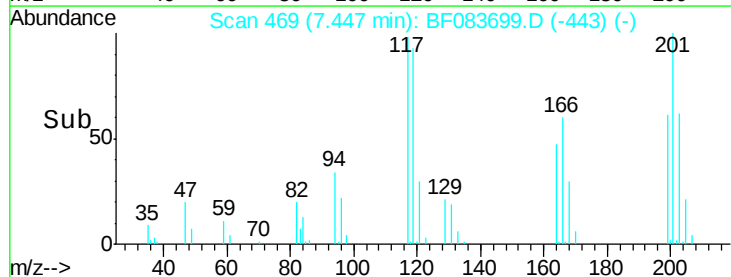
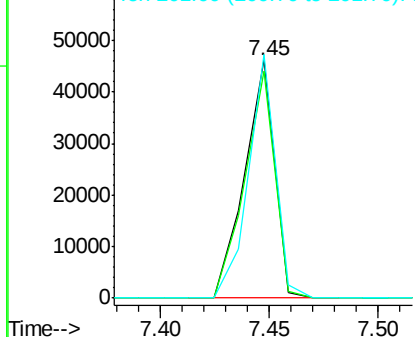


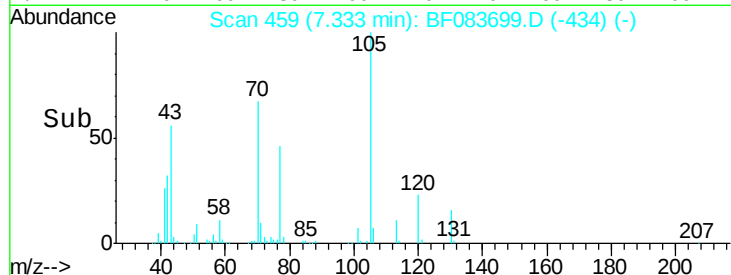
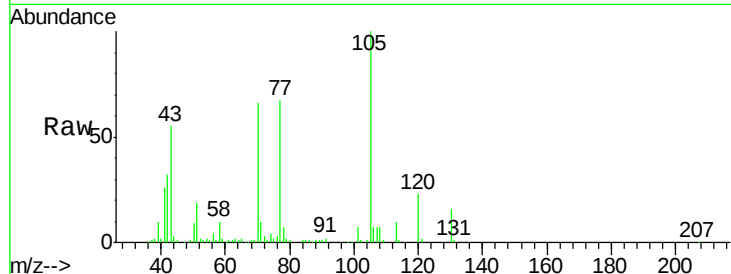
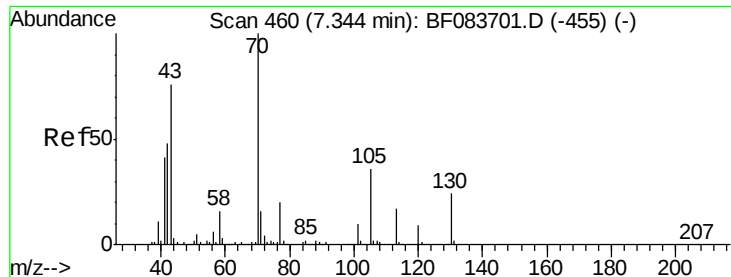
#18
Hexachloroethane
Concen: 9.69 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:117 Resp: 44215
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8
201 102.1 86.8 130.2



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

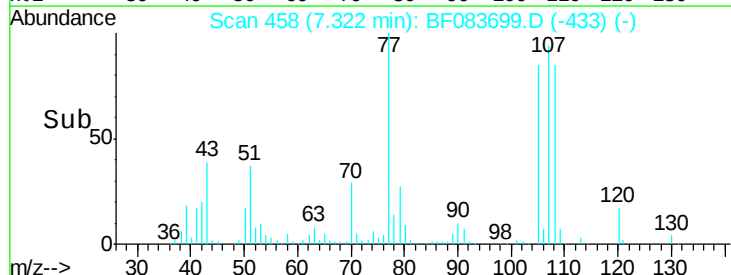
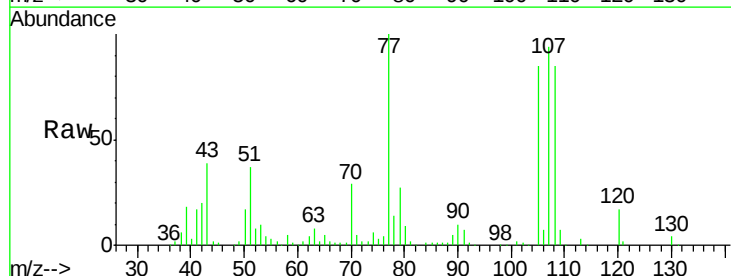
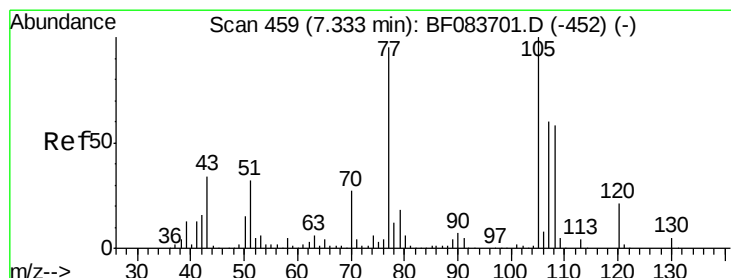
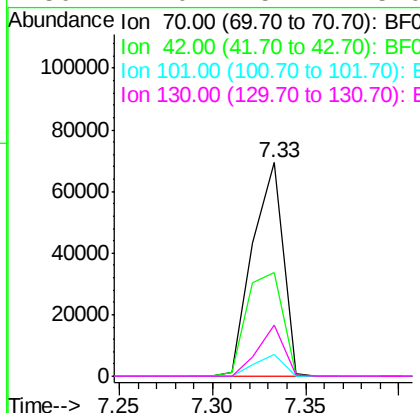




#19
n-Nitroso-di-n-propylamine
Concen: 8.14 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

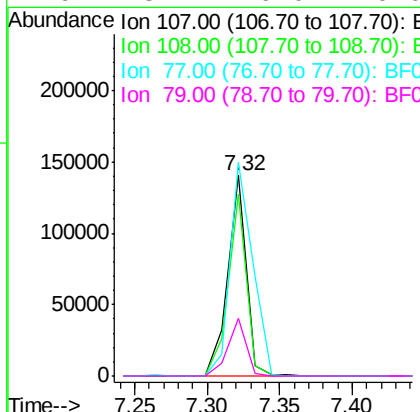
Instrument :
BNA_F
ClientSampleId :

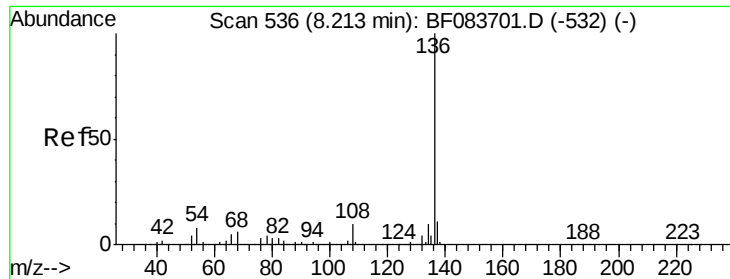
Tot Ion: 70 Resp: 78468
Ion Ratio Lower Upper
70 100
42 48.3 49.2 73.8#
101 10.0 7.1 10.7
130 24.0 15.4 23.0#



#20
3+4-Methylphenols
Concen: 10.32 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion: 107 Resp: 124975
Ion Ratio Lower Upper
107 100
108 90.4 65.2 105.2
77 106.3 15.2 55.2#
79 28.7 6.0 46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 636243

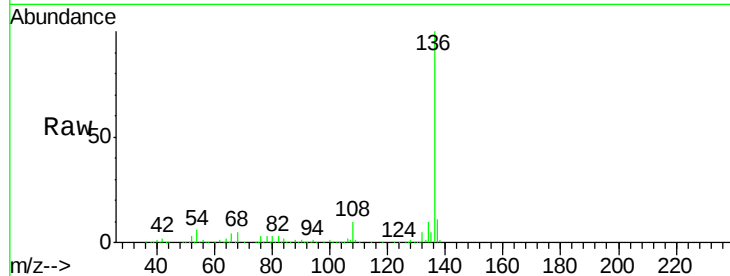
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.4 7.8 11.6#

68 5.3 5.7 8.5#

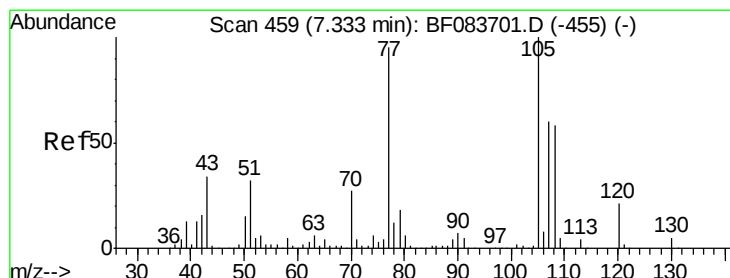
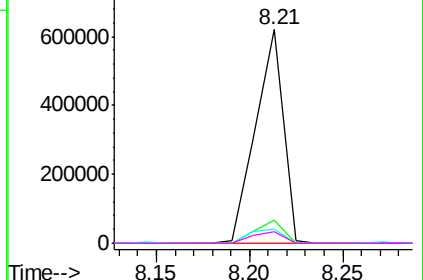
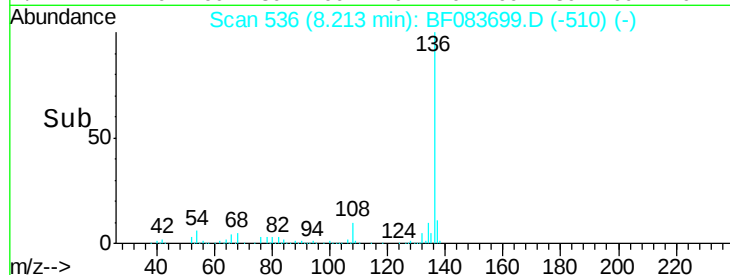


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 9.11 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:105 Resp: 162604

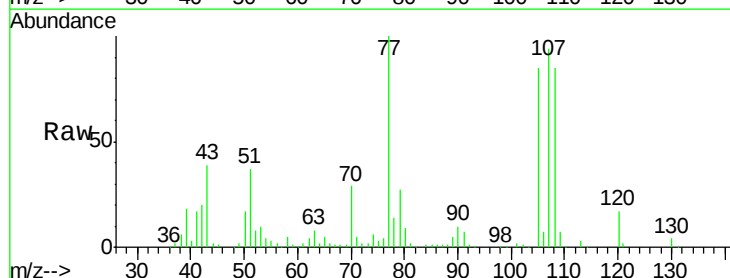
Ion Ratio Lower Upper

105 100

71 6.2 1.3 1.9#

51 43.3 23.8 35.8#

120 19.7 16.7 25.1

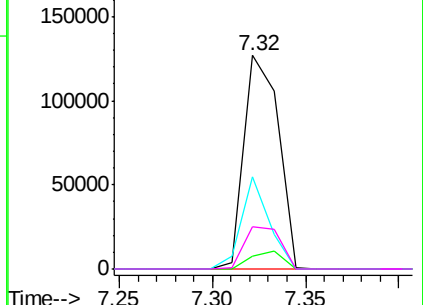
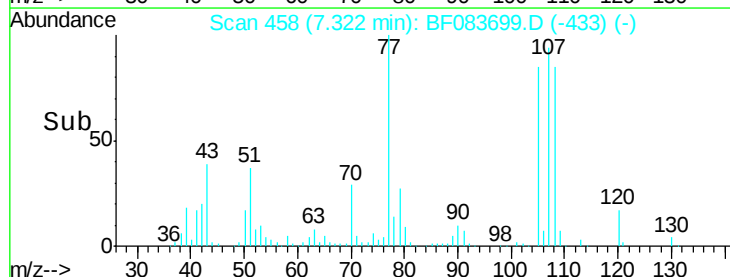


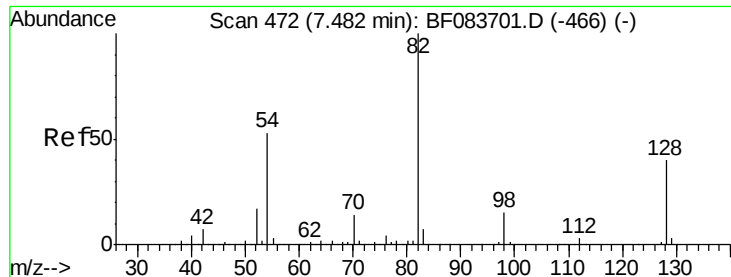
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

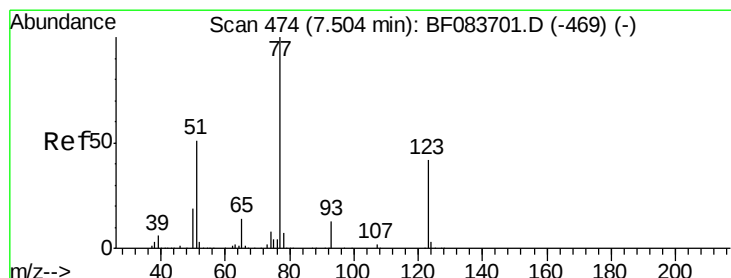
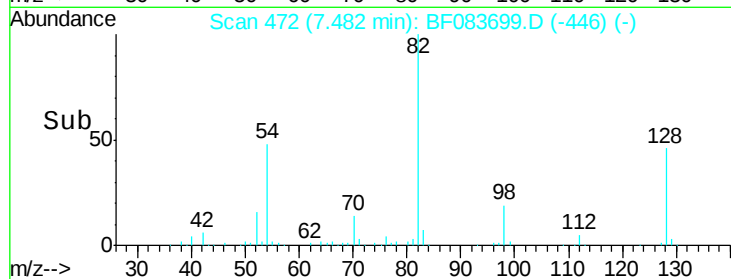
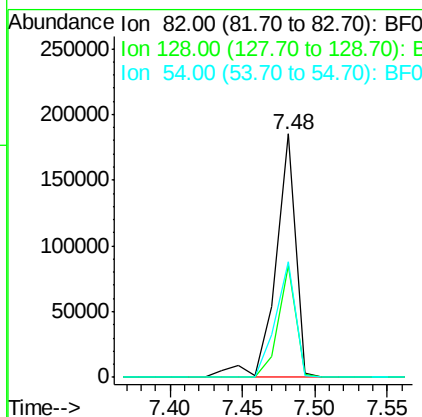
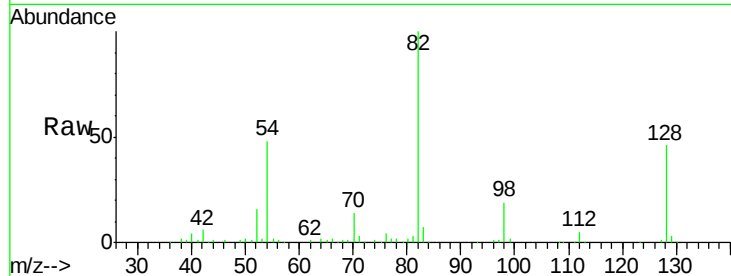




#23
Nitrobenzene-d5
Concen: 12.97 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

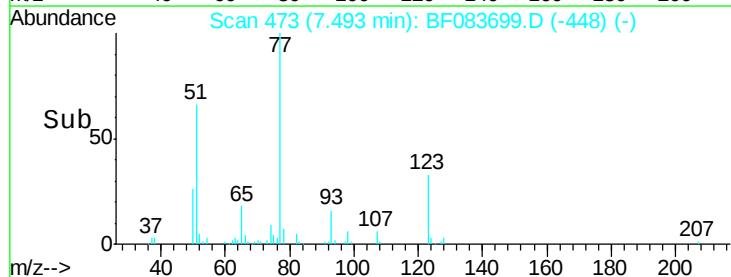
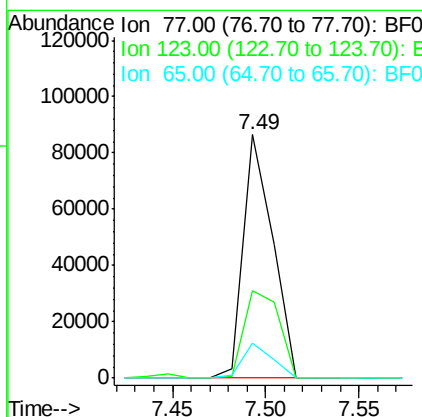
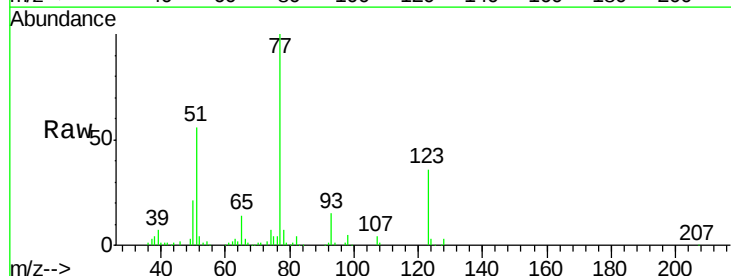
Instrument :
BNA_F
ClientSampleId :

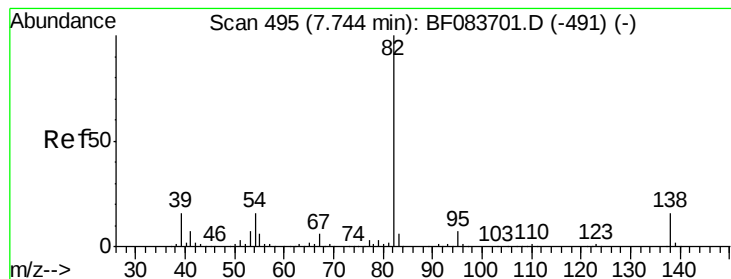
Tot Ion	82	Resp	176890
Ion Ratio	Lower	Upper	
82	100		
128	46.1	30.7	46.1#
54	47.6	42.5	63.7



#24
Nitrobenzene
Concen: 6.28 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	77	Resp	94594
Ion Ratio	Lower	Upper	
77	100		
123	36.0	29.8	44.6
65	14.2	11.1	16.7





#25

Isophorone

Concen: 8.27 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

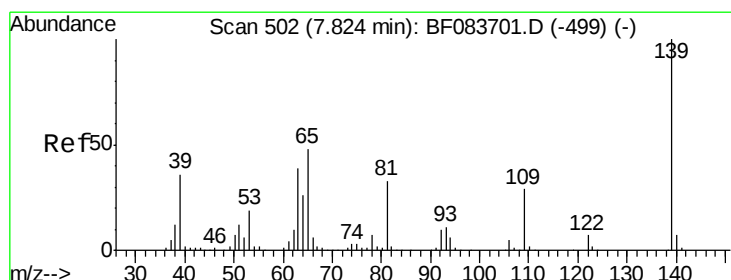
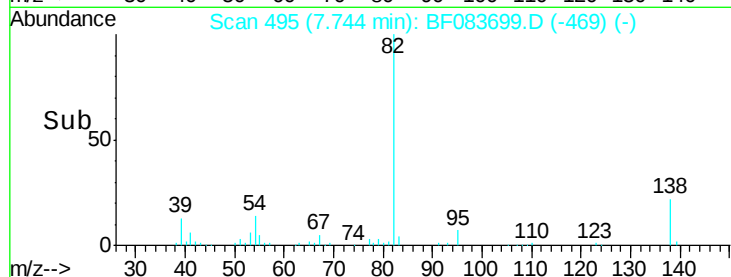
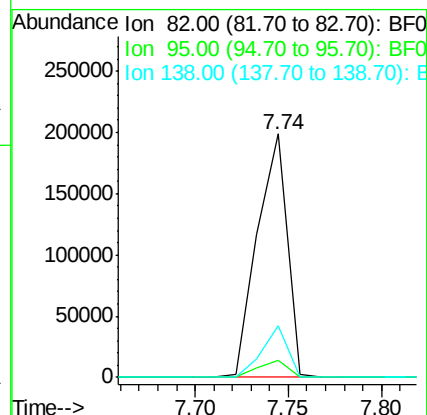
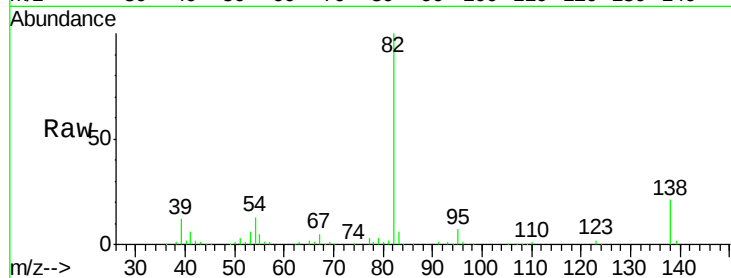
Tot Ion: 82 Resp: 218804

Ion Ratio Lower Upper

82 100

95 7.0 5.0 7.4

138 21.4 12.1 18.1#



#26

2-Nitrophenol

Concen: 4.40 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

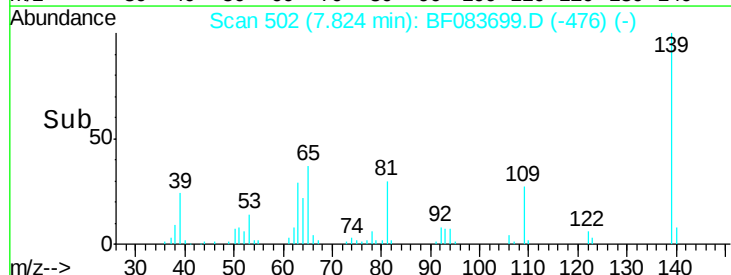
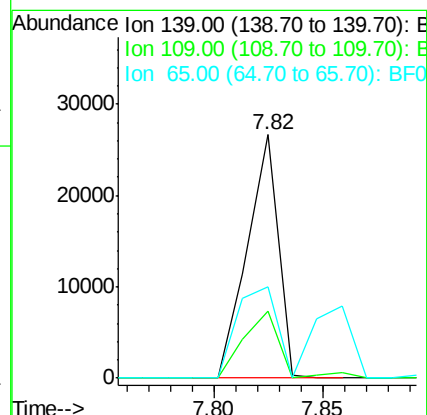
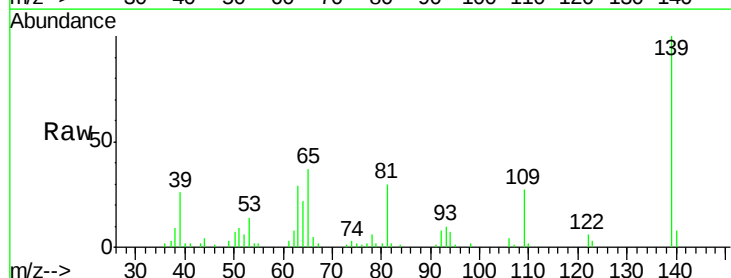
Tgt Ion: 139 Resp: 26352

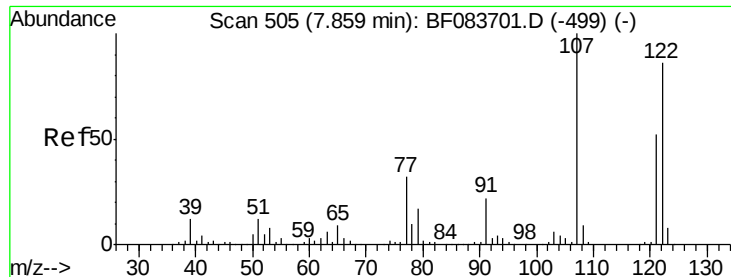
Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

65 37.3 51.8 77.8#

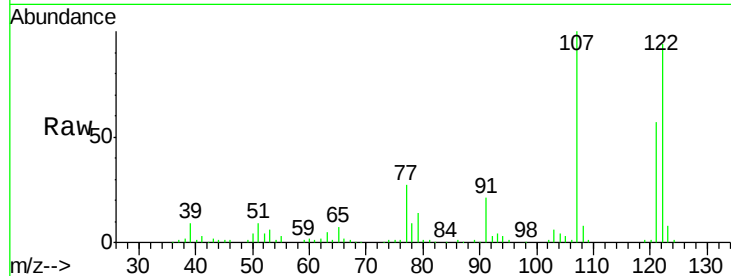




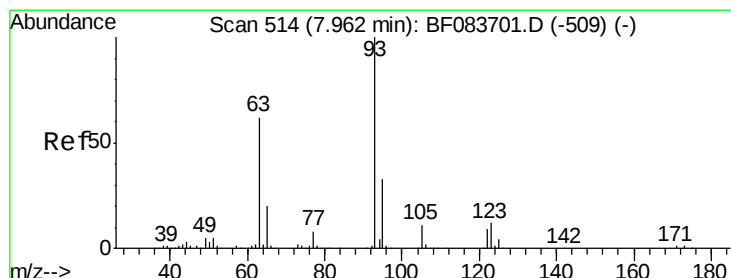
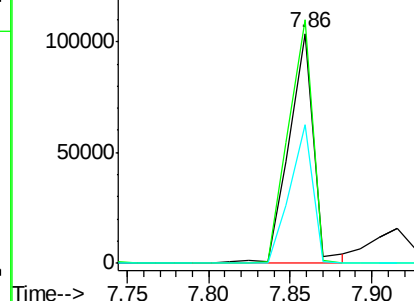
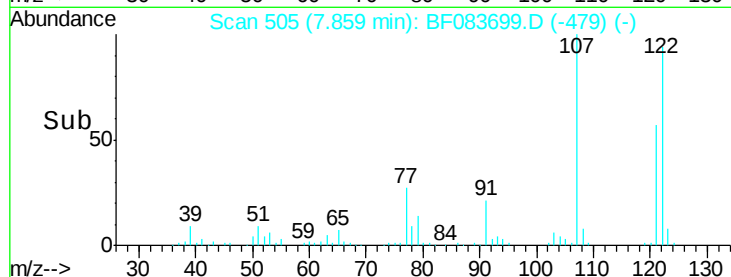
#27
 2,4-Dimethylphenol
 Concen: 10.48 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 109688
 Ion Ratio Lower Upper
 122 100
 107 105.8 92.4 138.6
 121 60.5 45.8 68.6

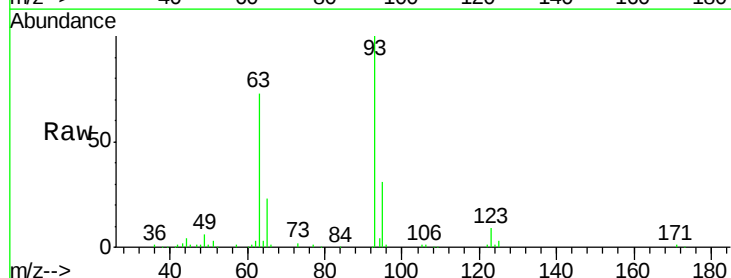


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

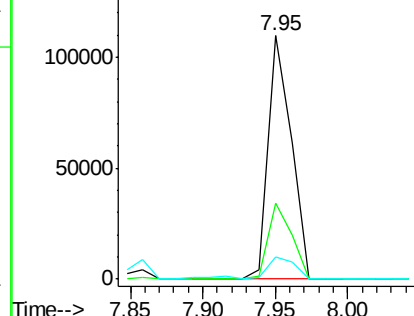
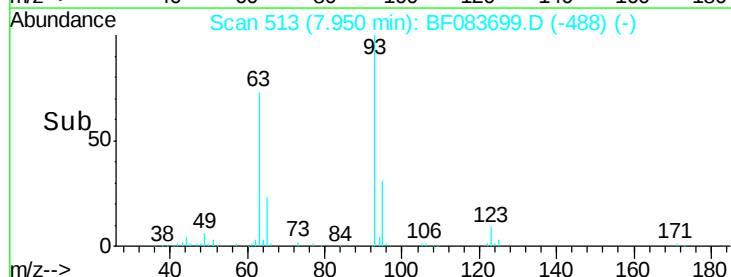


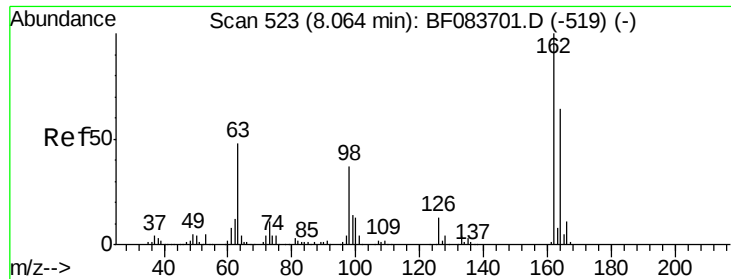
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.20 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion: 93 Resp: 120488
 Ion Ratio Lower Upper
 93 100
 95 31.3 25.6 38.4
 123 9.3 7.3 10.9



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

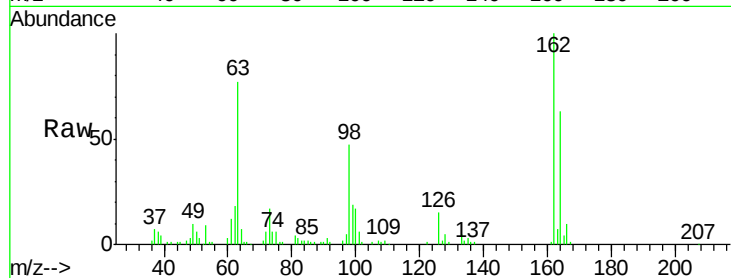




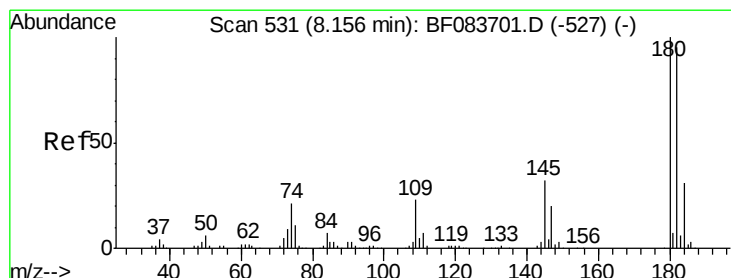
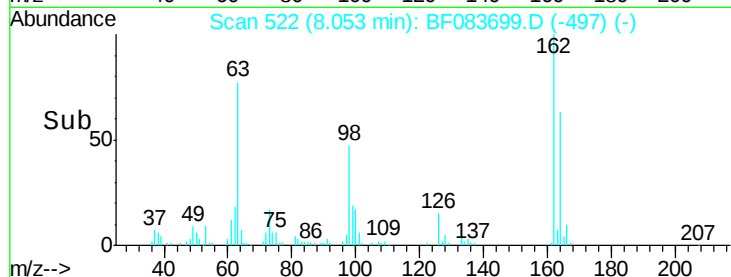
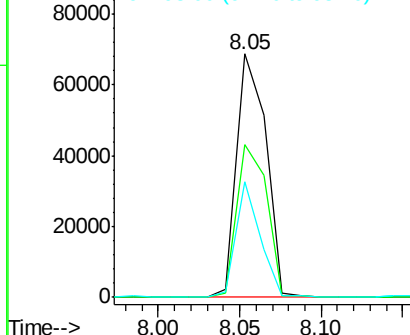
#29
 2,4-Dichlorophenol
 Concen: 8.91 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 84803
 Ion Ratio Lower Upper
 162 100
 164 62.5 43.4 83.4
 98 47.5 17.5 57.5

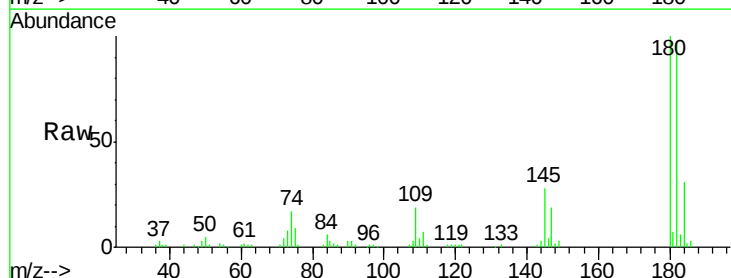


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

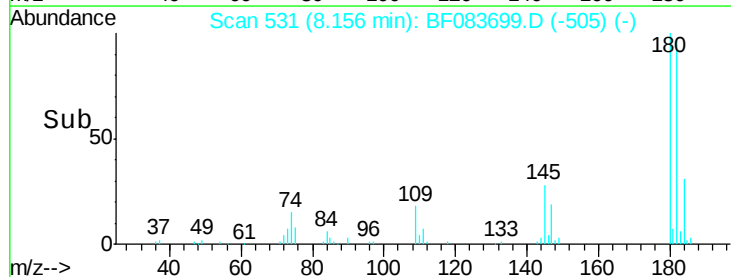
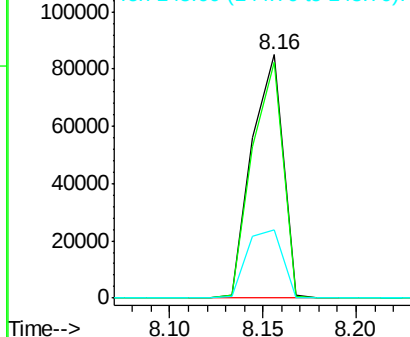


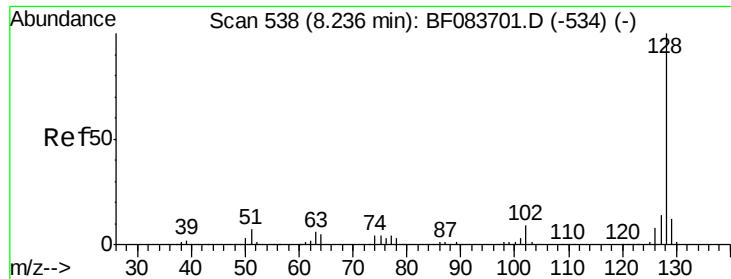
#30
 1,2,4-Trichlorobenzene
 Concen: 9.34 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion:180 Resp: 98168
 Ion Ratio Lower Upper
 180 100
 182 97.0 74.9 112.3
 145 27.8 24.7 37.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

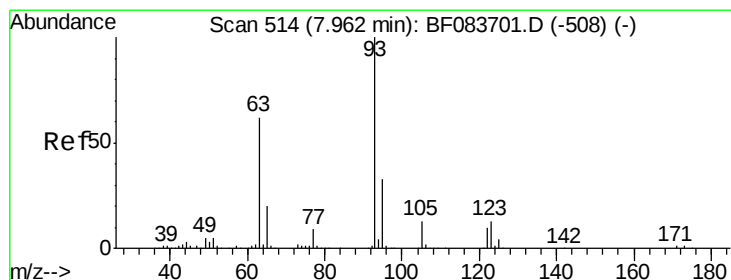
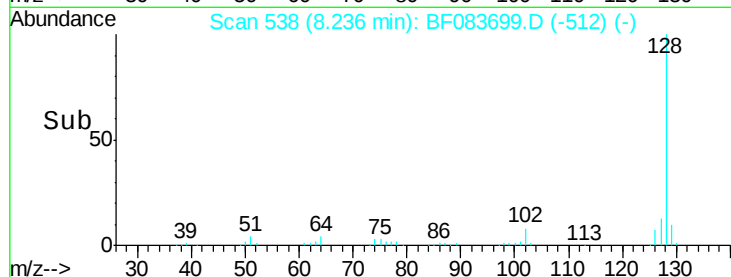
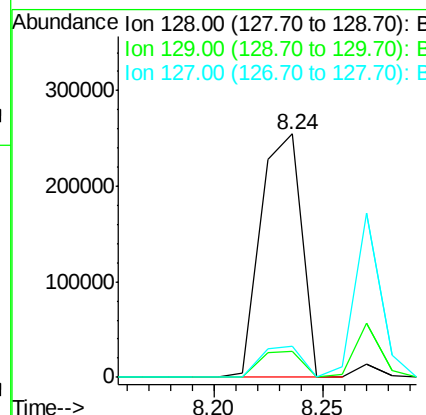
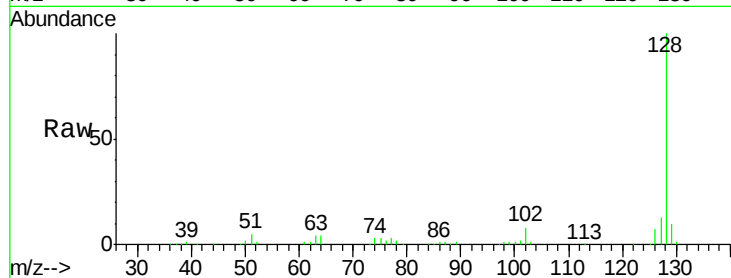




#31
Naphthalene
Concen: 9.97 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

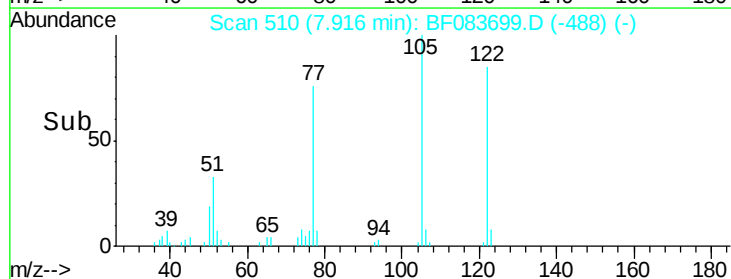
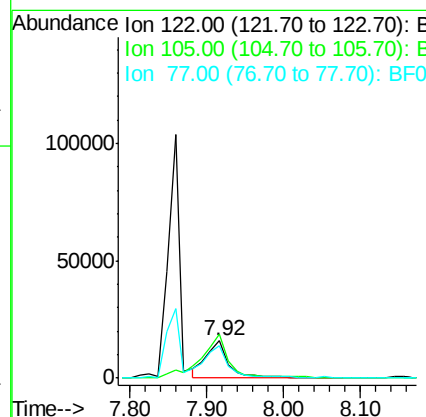
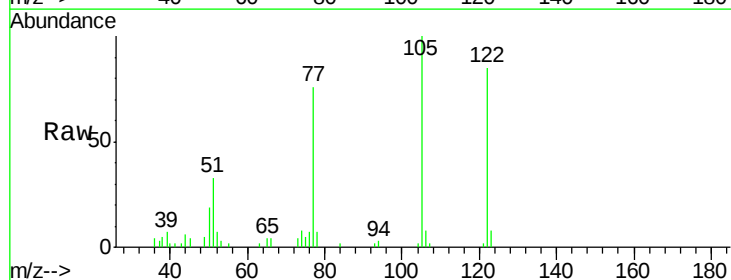
Instrument :
BNA_F
ClientSampleId :

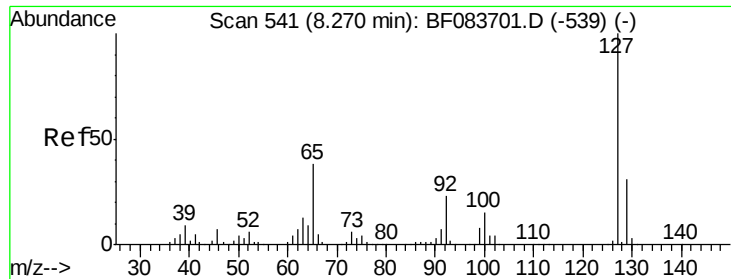
Tot Ion:128 Resp: 335899
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.8 10.6 16.0



#32
Benzoic acid
Concen: 5.60 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:122 Resp: 33021
Ion Ratio Lower Upper
122 100
105 117.0 105.6 145.6
77 88.5 86.8 126.8

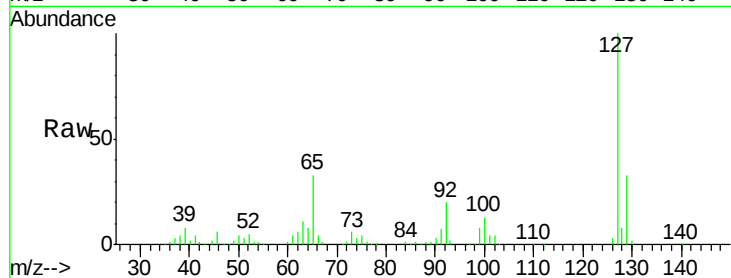




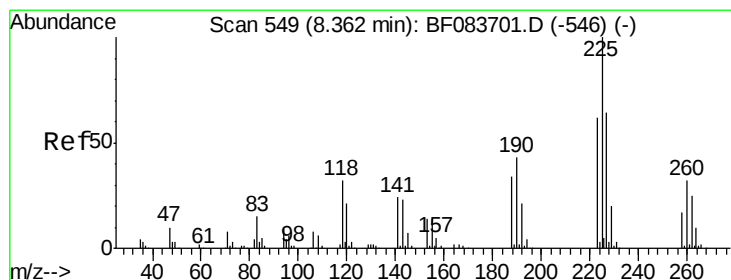
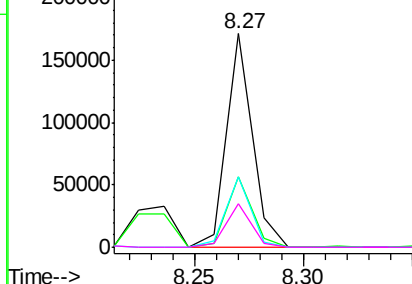
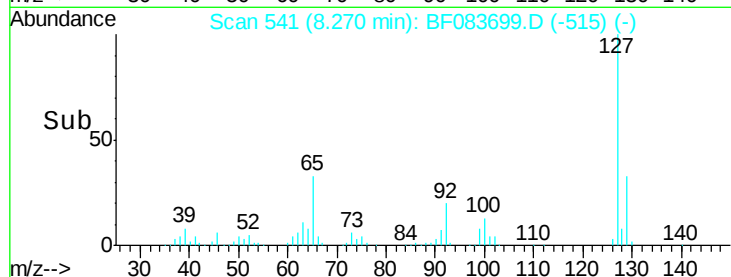
#33
4-Chloroaniline
Concen: 11.49 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	141190
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	32.8	33.5	50.3#
92	20.2	18.6	28.0

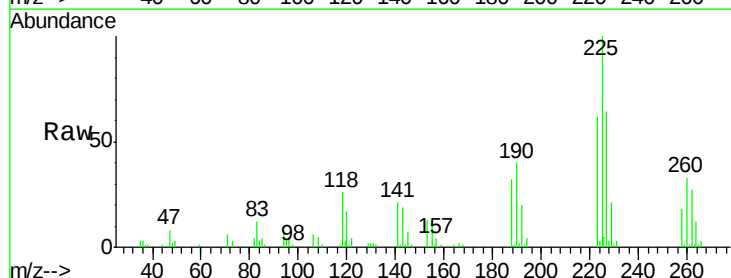


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

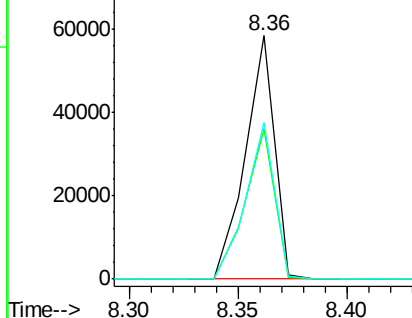
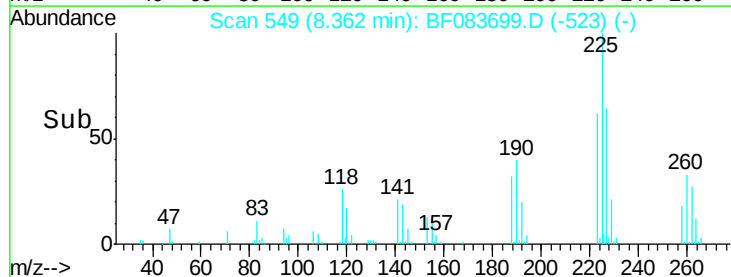


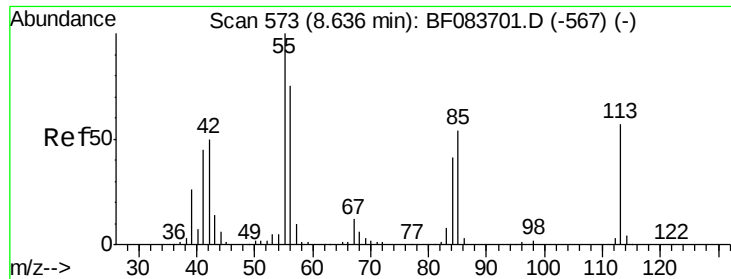
#34
Hexachlorobutadiene
Concen: 8.78 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:	225	Resp:	53935
Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.3	78.5
227	64.4	50.4	75.6



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

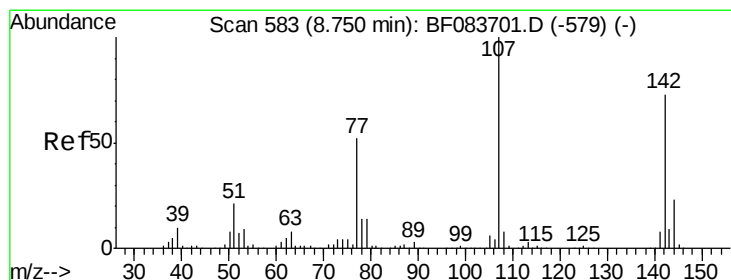
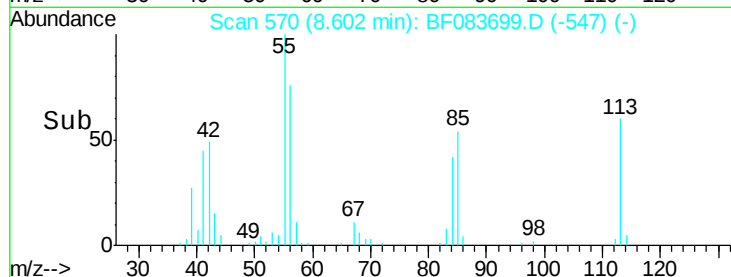
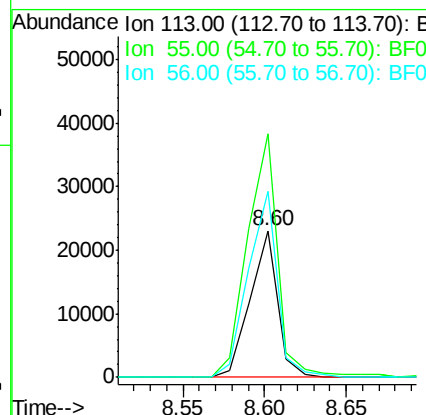
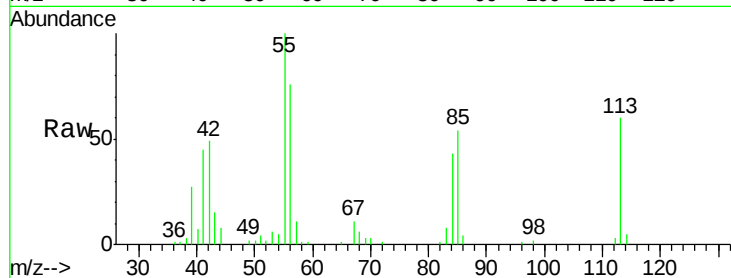




#35
 Caprolactam
 Concen: 9.41 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

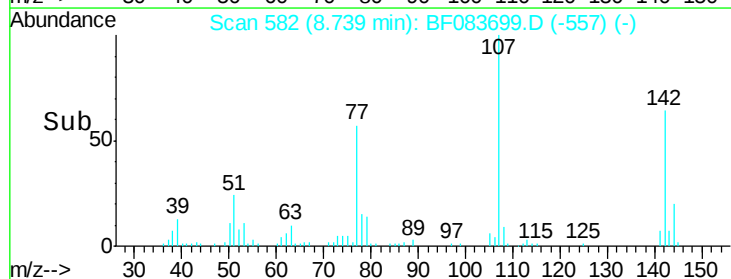
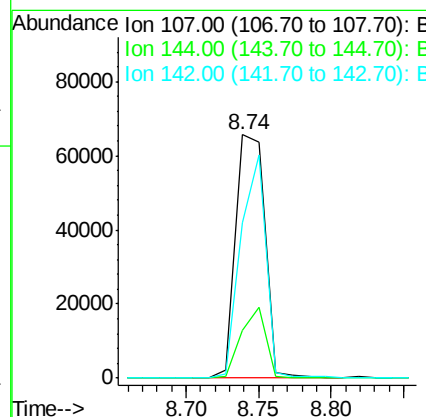
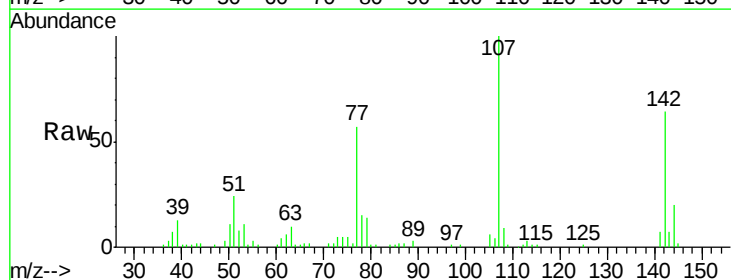
Instrument :
 BNA_F
 ClientSampleId :

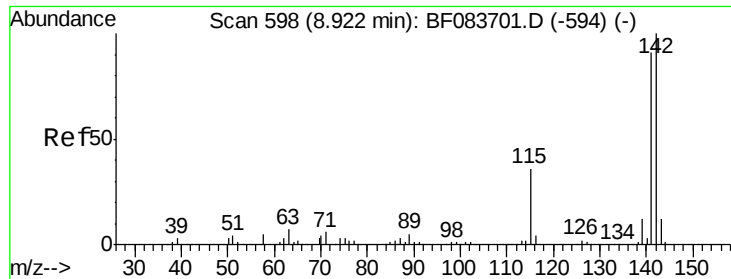
Tot Ion:113 Resp: 26901
 Ion Ratio Lower Upper
 113 100
 55 165.8 189.7 229.7#
 56 126.7 130.7 170.7#



#36
 4-Chloro-3-methylphenol
 Concen: 8.61 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion:107 Resp: 92130
 Ion Ratio Lower Upper
 107 100
 144 19.8 17.5 26.3
 142 63.6 53.6 80.4

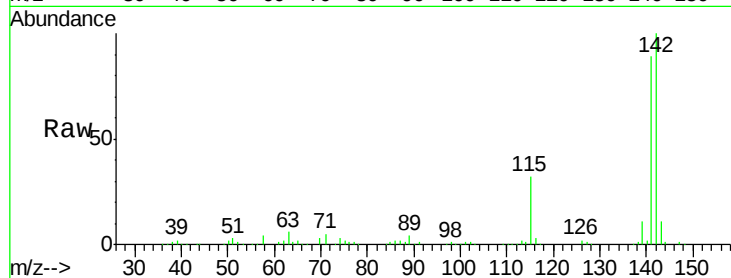




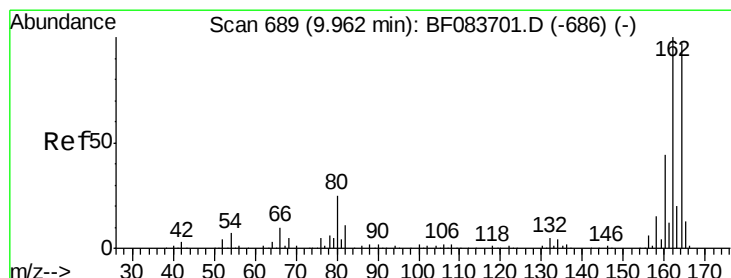
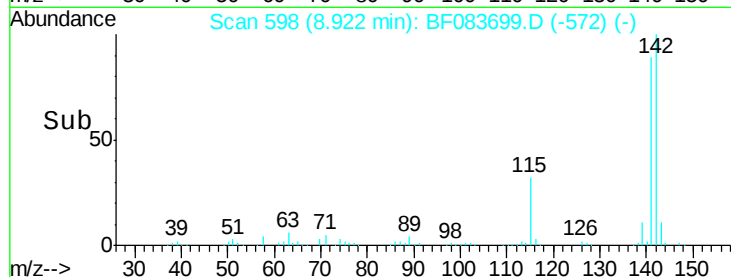
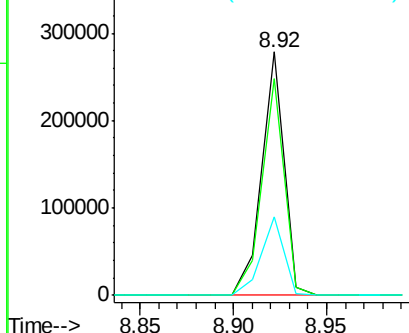
#37
2-Methylnaphthalene
Concen: 10.80 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	32.0	29.2	43.8

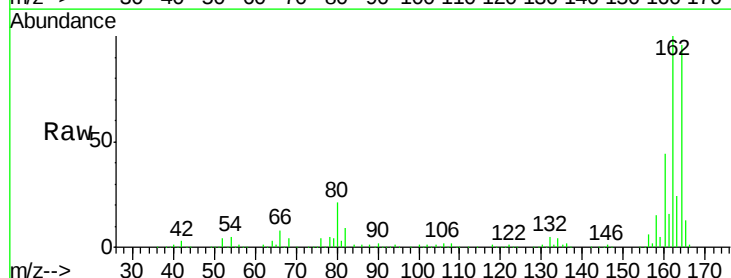


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

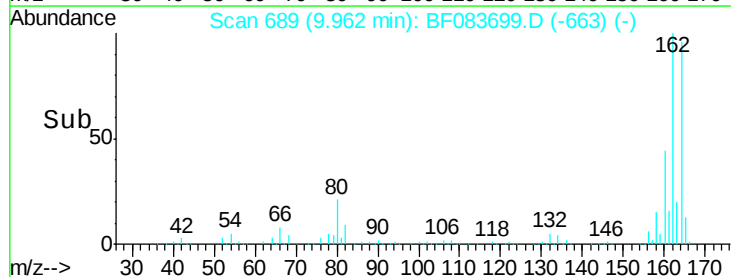
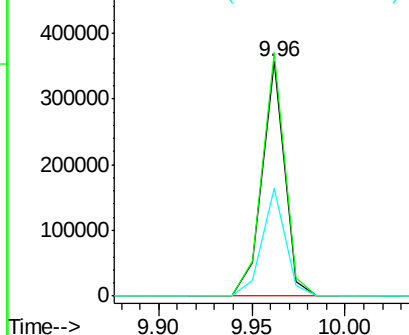


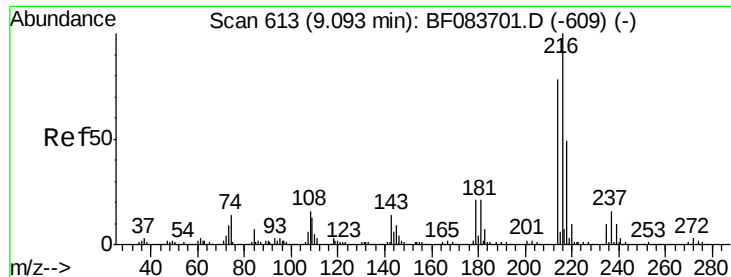
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	46.0	33.4	50.2



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

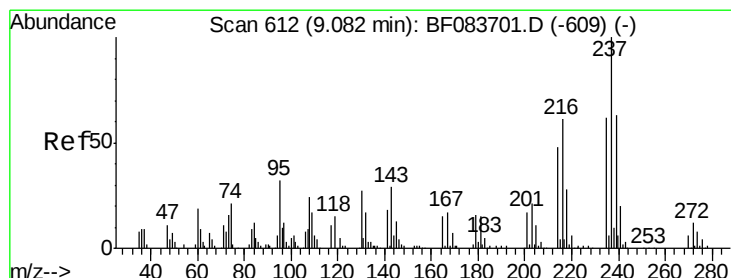
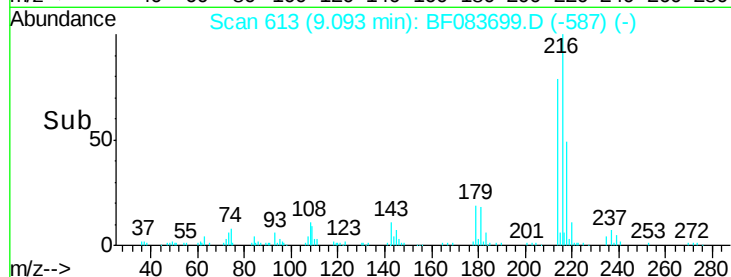
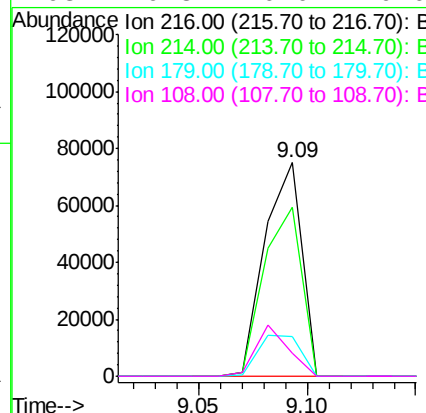
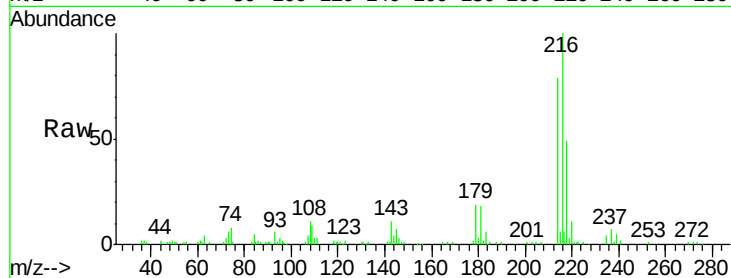




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.25 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

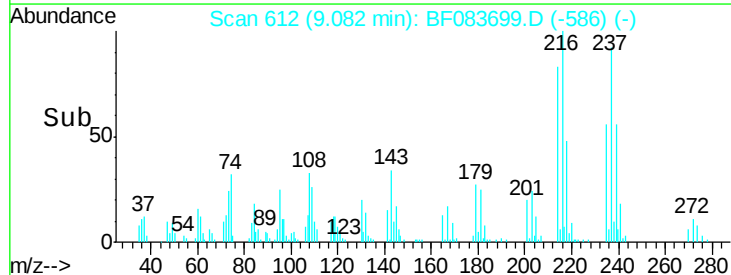
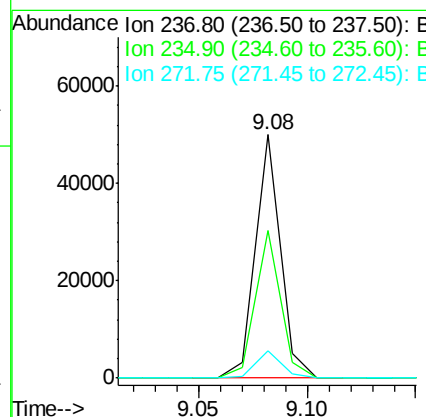
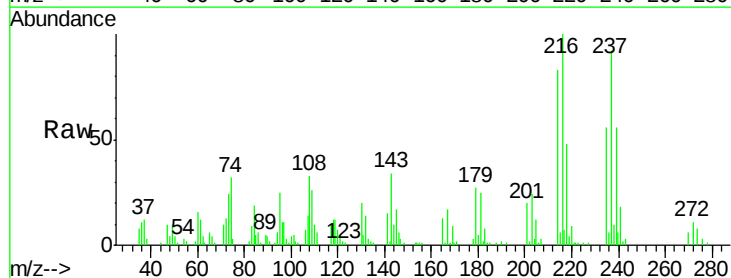
Instrument :
 BNA_F
 ClientSampled :

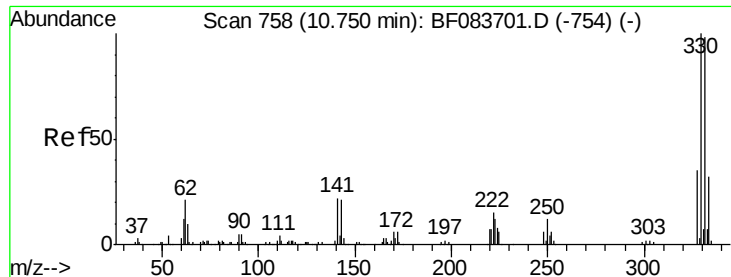
Tot Ion:	216	Resp:	89660
Ion	Ratio	Lower	Upper
216	100		
214	80.7	0.0	0.0#
179	22.1	0.0	0.0#
108	20.8	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 30.57 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion:	237	Resp:	40145
Ion	Ratio	Lower	Upper
237	100		
235	60.8	43.9	83.9
272	11.4	0.0	31.8

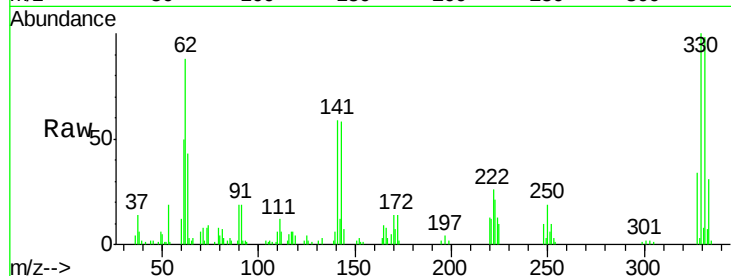




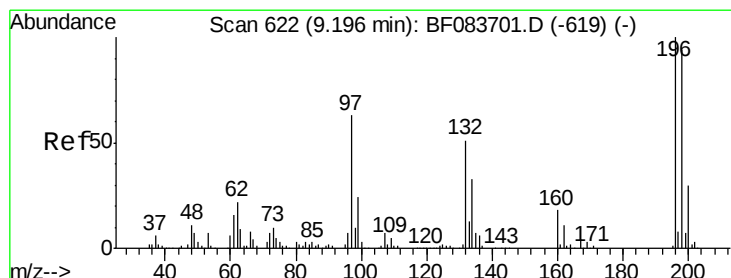
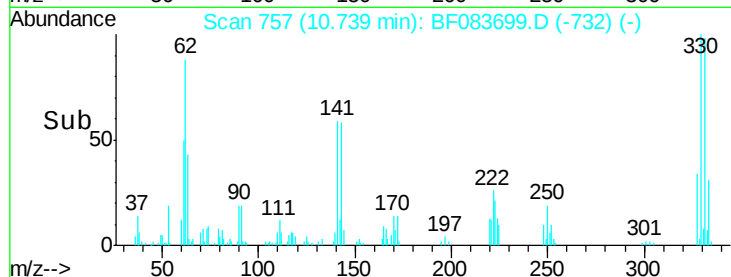
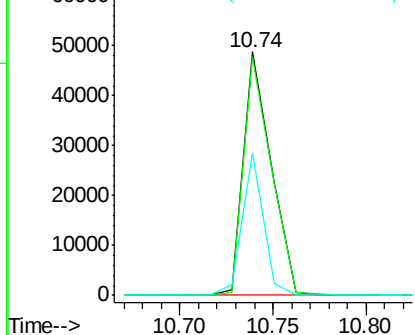
#41
 2,4,6-Tribromophenol
 Concen: 19.06 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 50133
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 45.3 0.0 0.0#

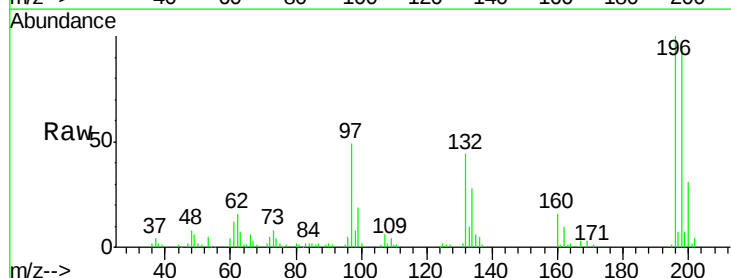


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

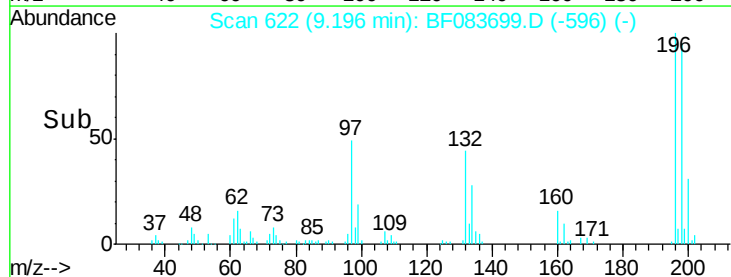
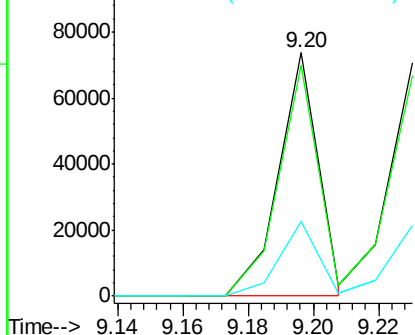


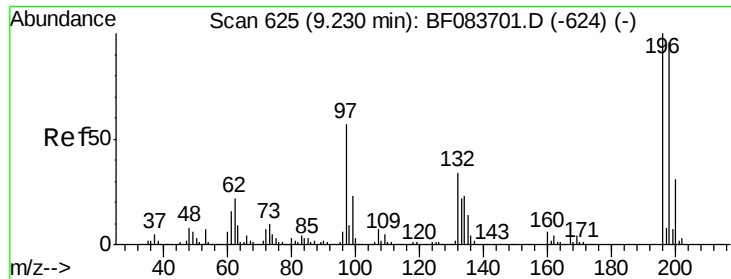
#42
 2,4,6-Trichlorophenol
 Concen: 10.87 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion:196 Resp: 62685
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.2 112.8
 200 30.8 23.0 34.6



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

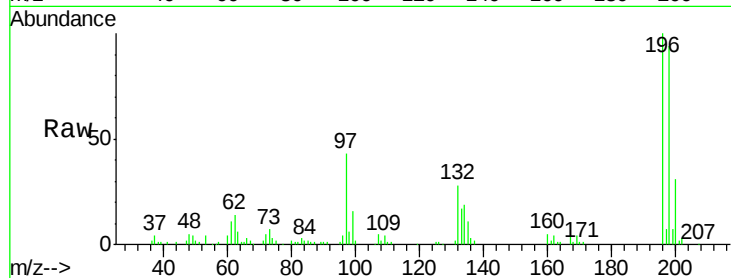




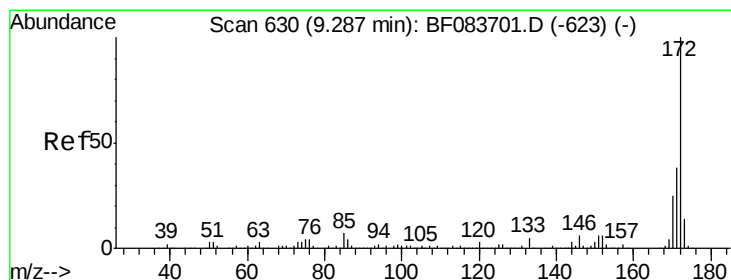
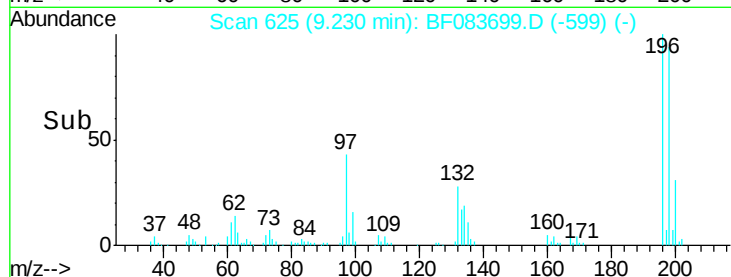
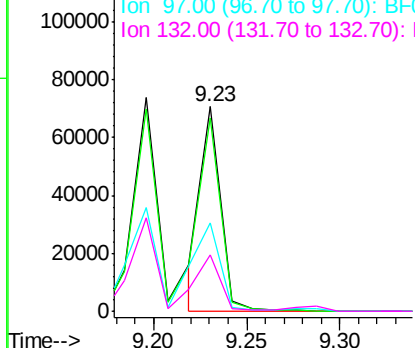
#43
 2,4,5-Trichlorophenol
 Concen: 9.10 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 51971
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.7 116.5
 97 42.9 41.2 61.8
 132 27.7 21.8 32.8

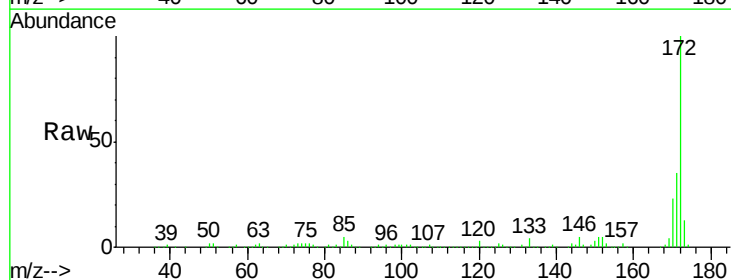


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

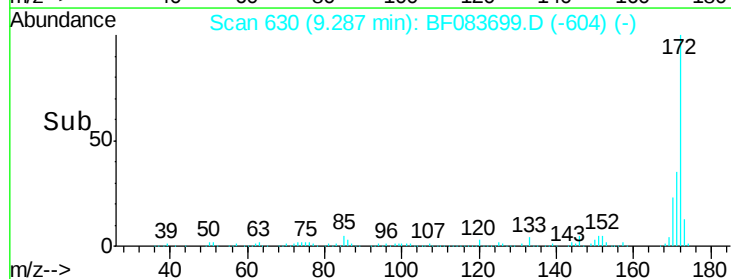
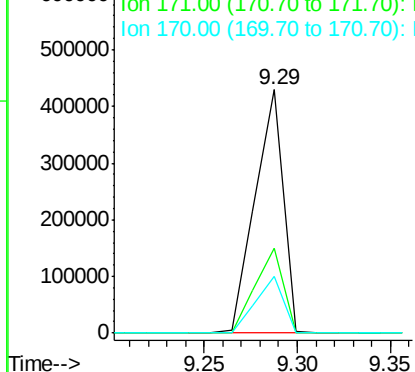


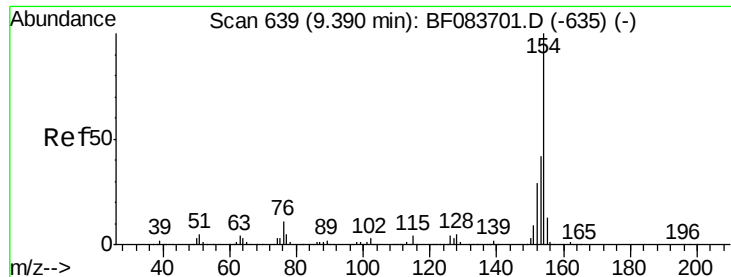
#44
 2-Fluorobiphenyl
 Concen: 21.28 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion:172 Resp: 446315
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.4 19.4 29.0



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: 10.19 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

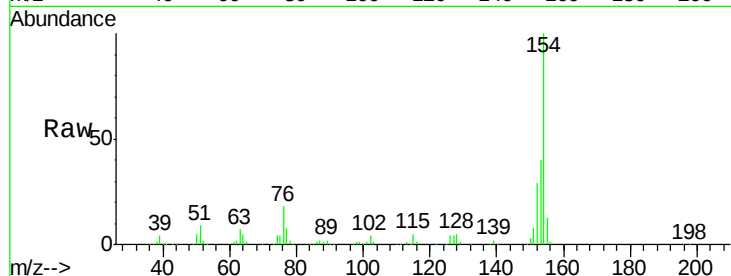
Tot Ion:154 Resp: 261536

Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

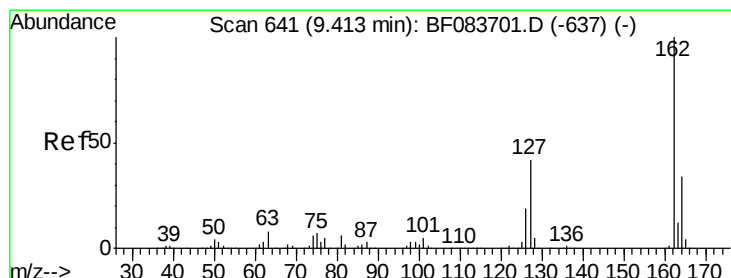
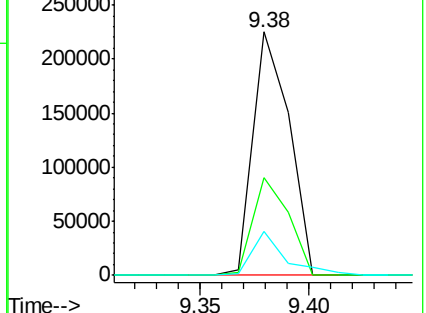
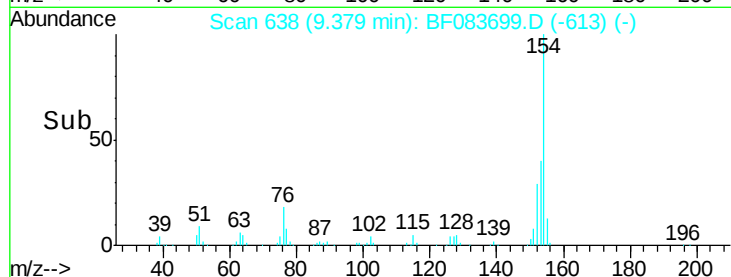
76 18.0 0.0 34.8



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: 10.00 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

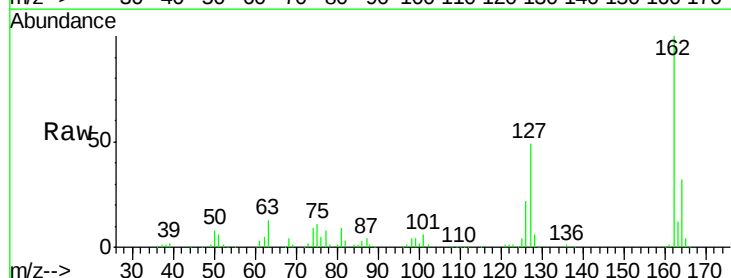
Tgt Ion:162 Resp: 193665

Ion Ratio Lower Upper

162 100

127 48.6 31.0 46.4#

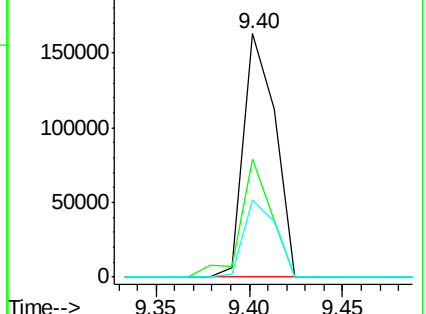
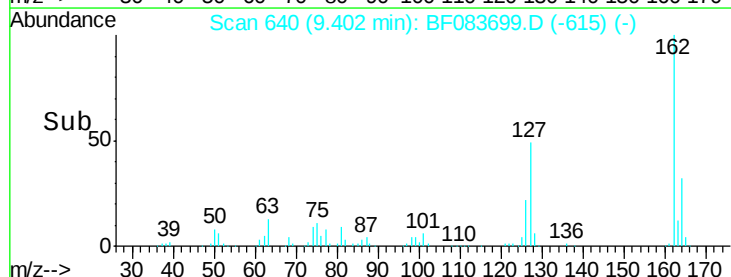
164 31.6 27.4 41.0

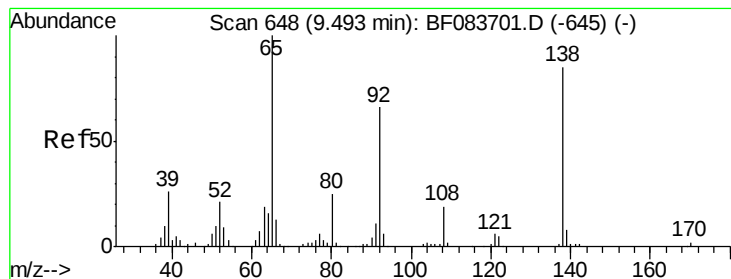


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 4.91 ng

RT: 9.49 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampled :

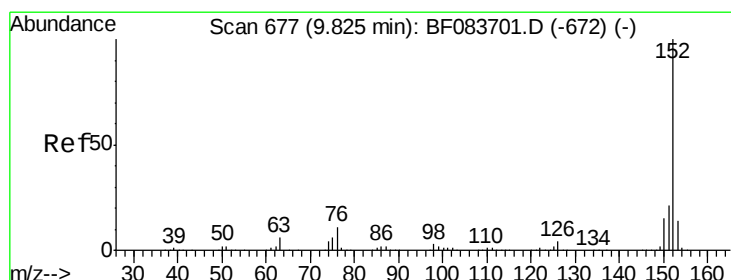
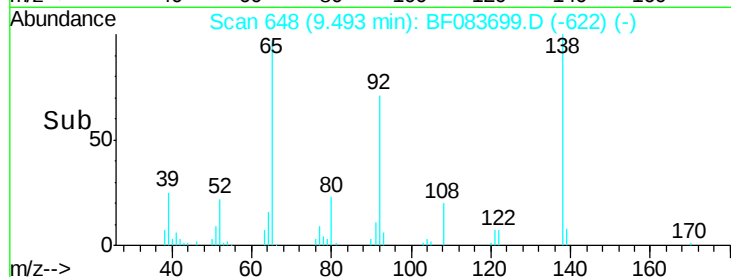
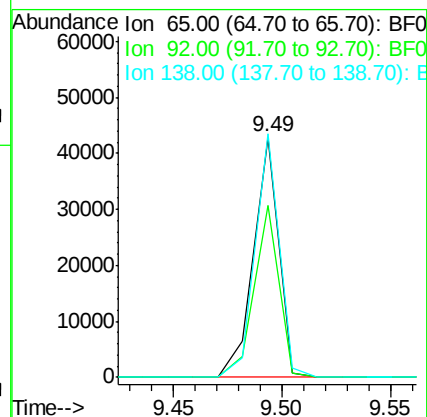
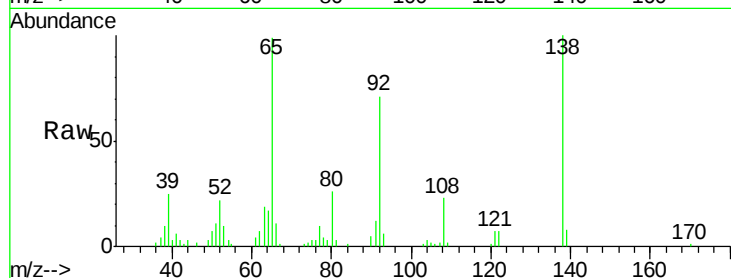
Tot Ion: 65 Resp: 34306

Ion Ratio Lower Upper

65 100

92 71.8 49.6 74.4

138 101.5 64.1 96.1#



#48

Acenaphthylene

Concen: 10.76 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

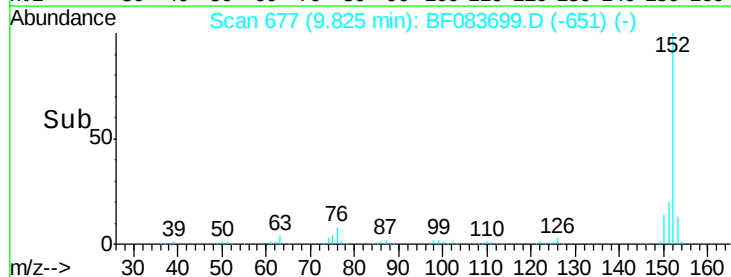
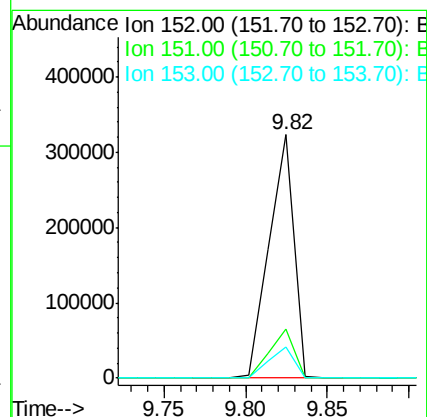
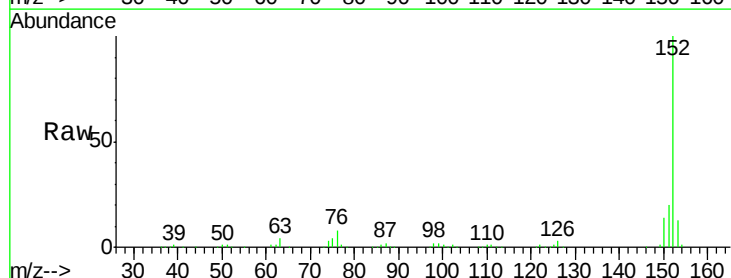
Tgt Ion: 152 Resp: 343715

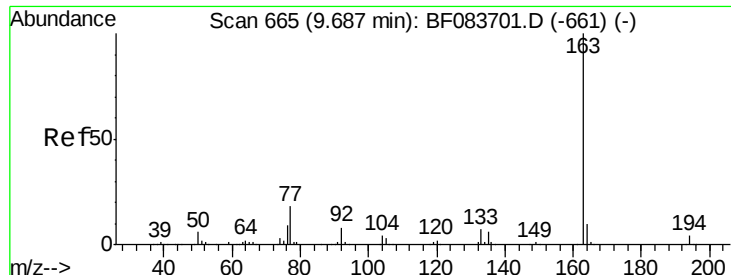
Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 12.8 10.8 16.2

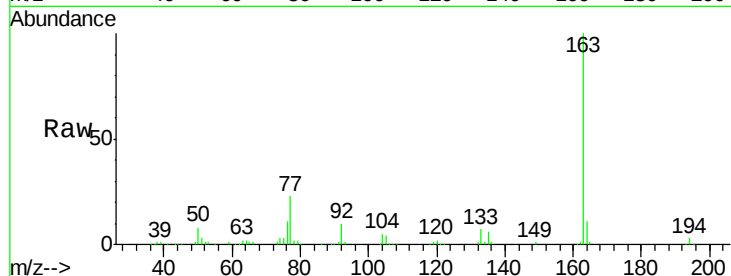




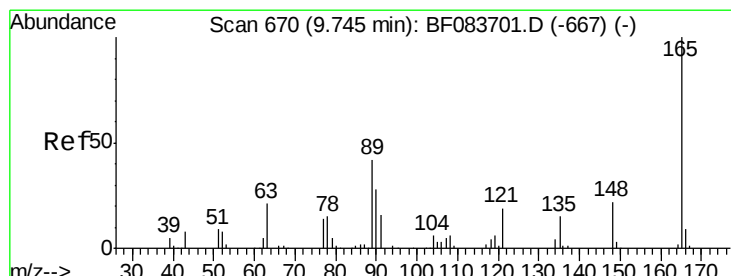
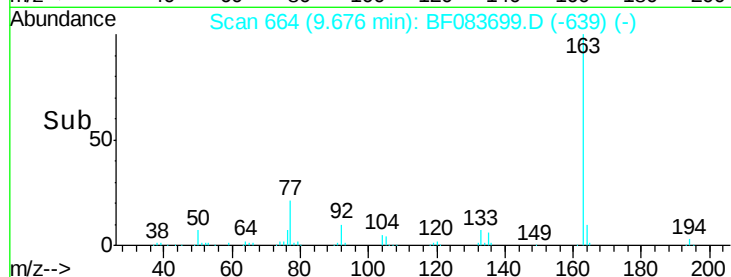
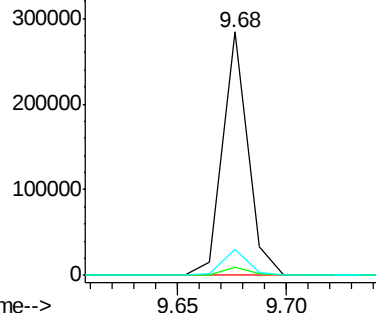
#49
Dimethylphthalate
Concen: 9.75 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 229057
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.7 8.6 13.0

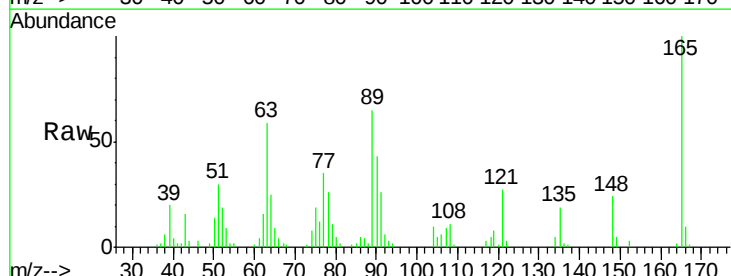


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

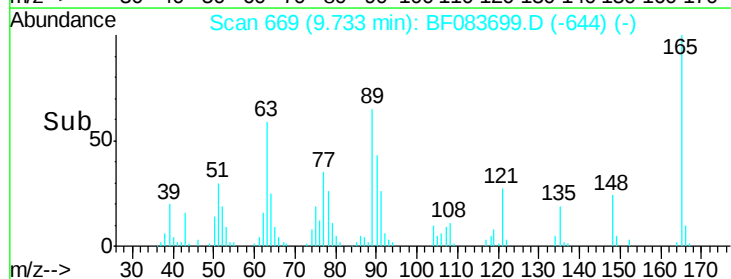
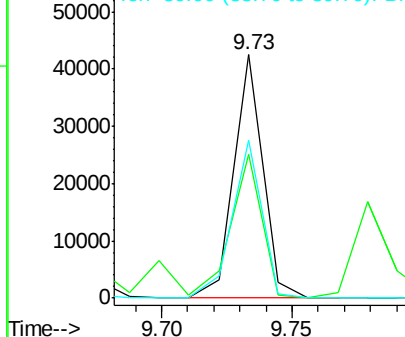


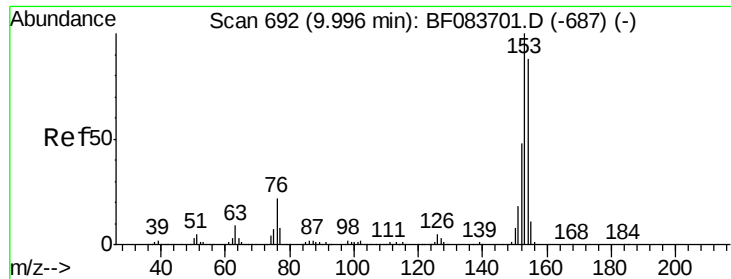
#50
2,6-Dinitrotoluene
Concen: 6.82 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:165 Resp: 33095
Ion Ratio Lower Upper
165 100
63 59.3 56.9 85.3
89 64.7 52.1 78.1



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: 10.92 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

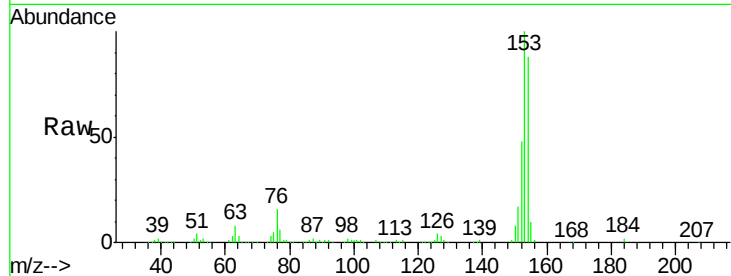
Tot Ion:154 Resp: 199662

Ion Ratio Lower Upper

154 100

153 113.4 91.4 137.0

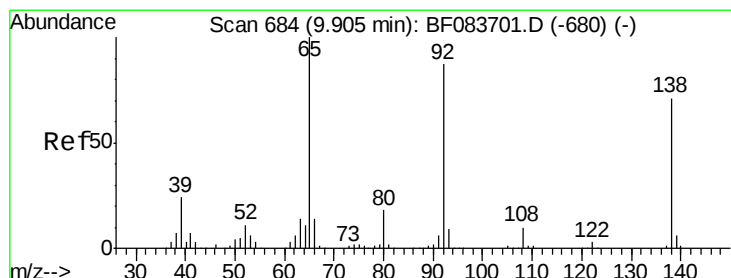
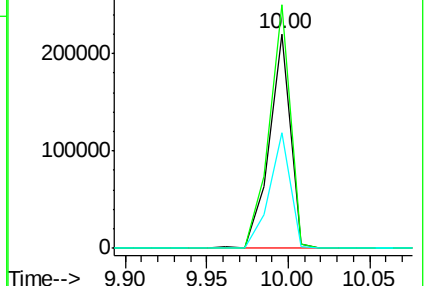
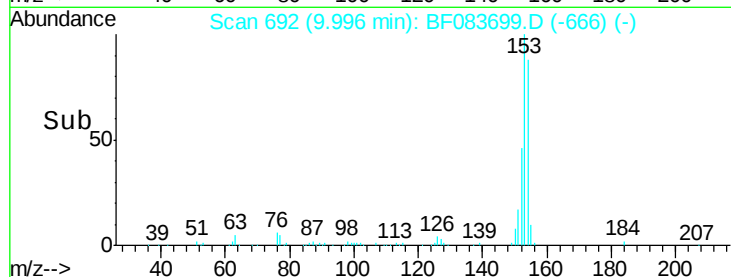
152 54.1 43.4 65.2



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: 6.49 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

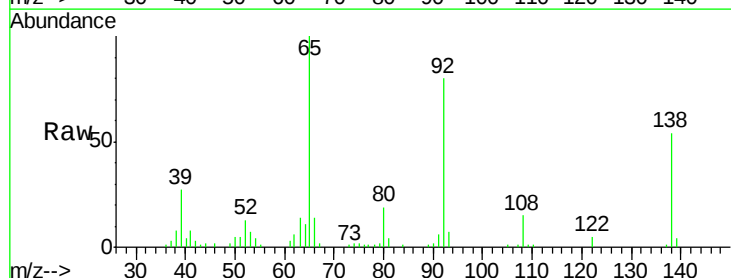
Tgt Ion:138 Resp: 33486

Ion Ratio Lower Upper

138 100

108 27.9 9.9 14.9#

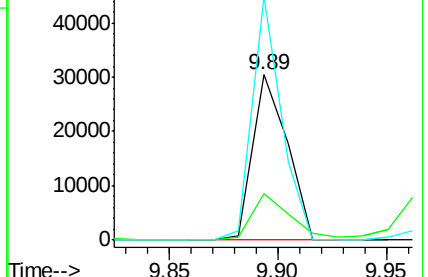
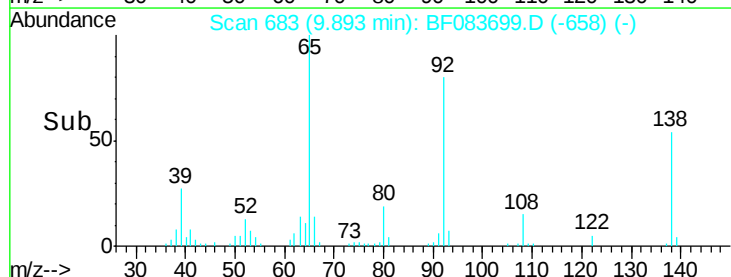
92 147.6 113.8 170.8

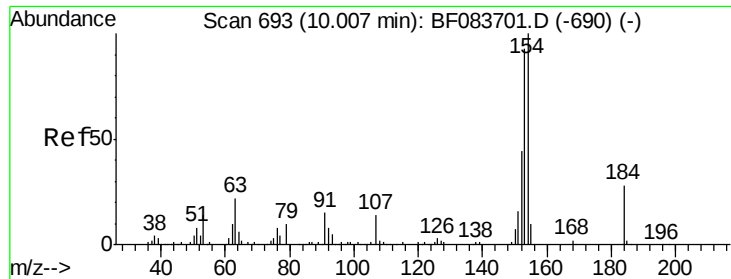


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

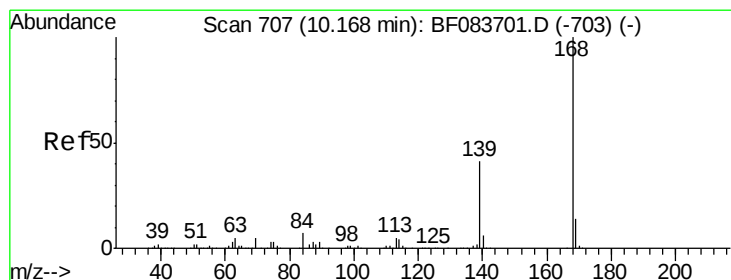
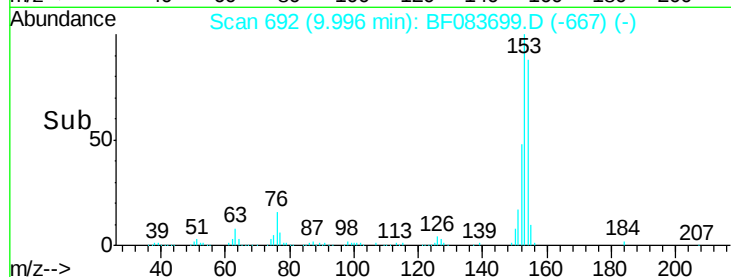
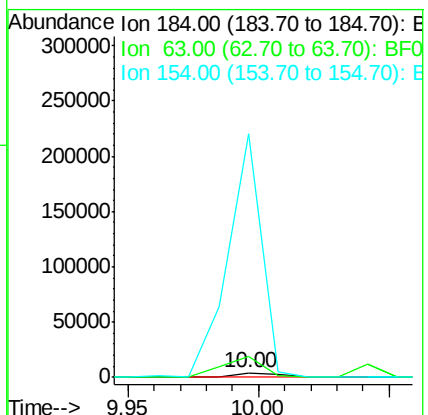
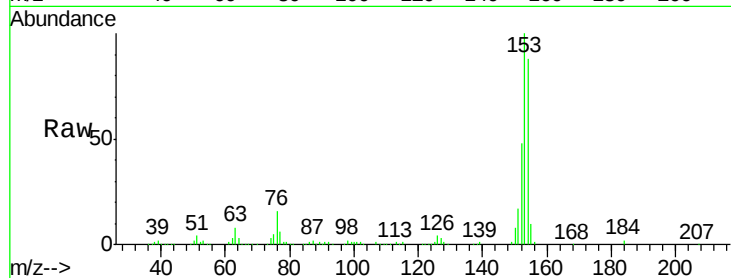




#53
2,4-Dinitrophenol
Concen: 2.13 na
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

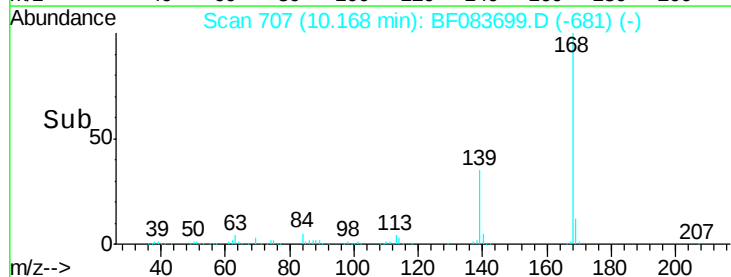
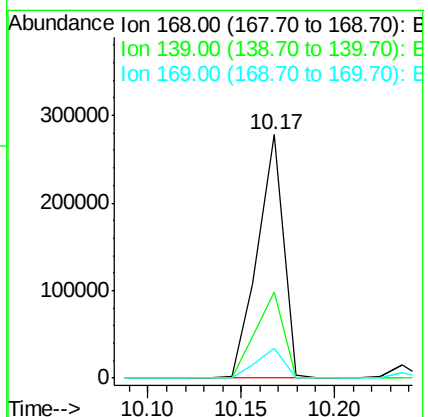
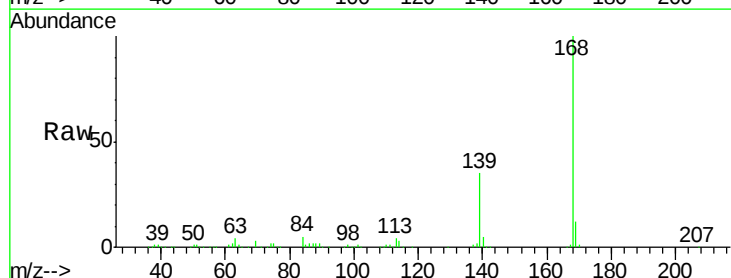
Instrument :
BNA_F
ClientSampleId :

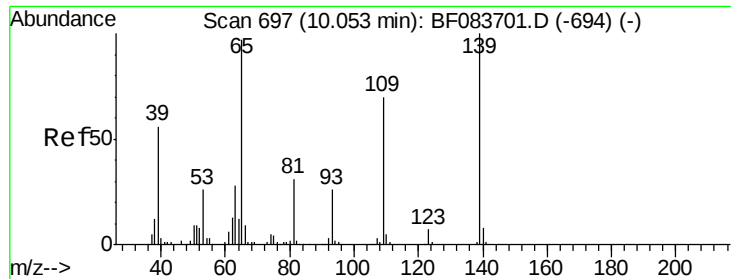
Tot Ion:184 Resp: 4404
Ion Ratio Lower Upper
184 100
63 492.7 62.4 93.6#
154 5596.7 46.6 69.8#



#54
Dibenzofuran
Concen: 10.57 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:168 Resp: 267966
Ion Ratio Lower Upper
168 100
139 35.2 28.0 42.0
169 12.5 10.8 16.2

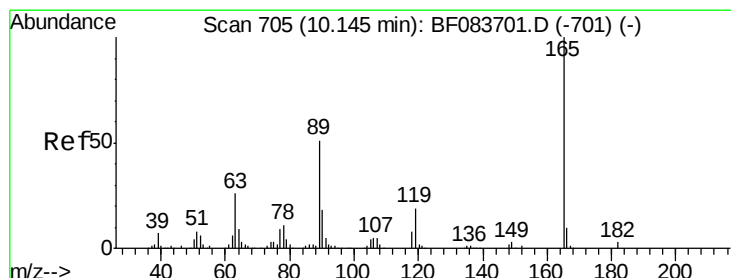
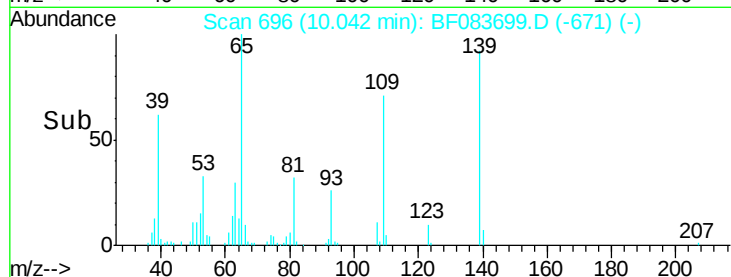
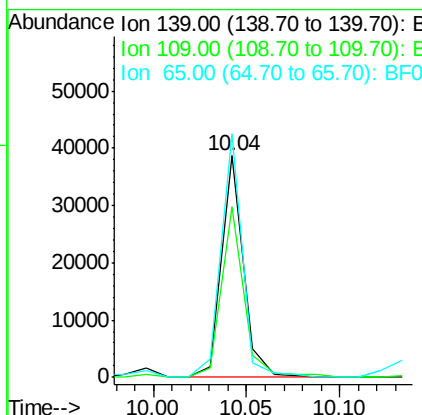
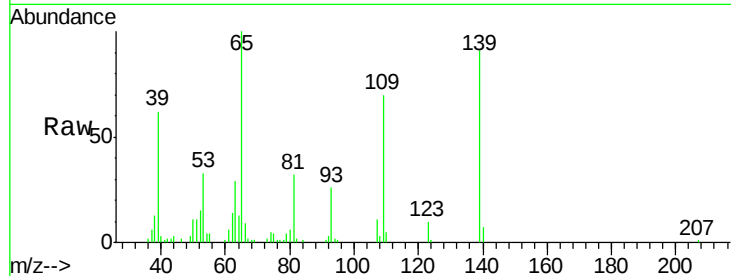




#55
4-Nitrophenol
Concen: 13.95 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

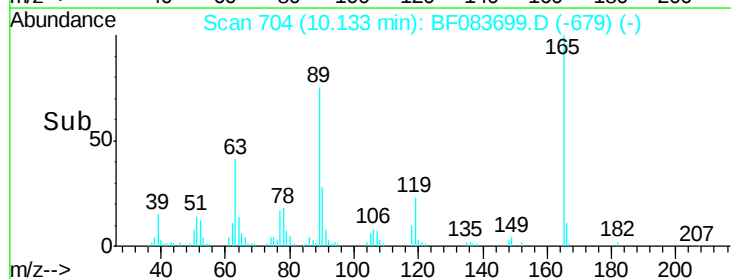
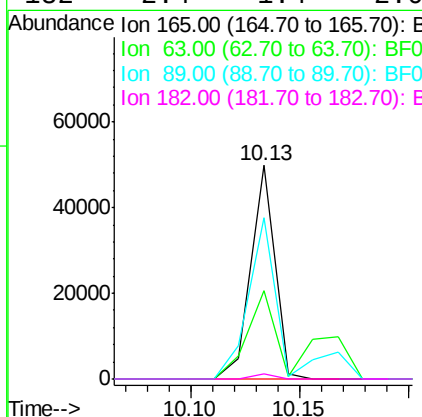
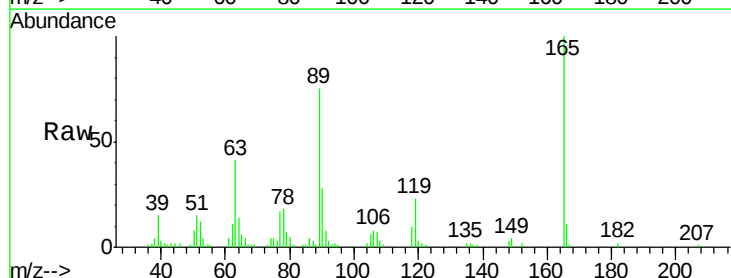
Instrument :
BNA_F
ClientSampleId :

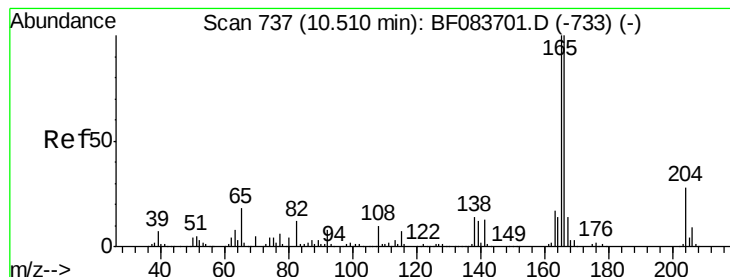
Tot Ion:139 Resp: 31661
Ion Ratio Lower Upper
139 100
109 77.2 42.0 82.0
65 110.0 89.2 129.2



#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:165 Resp: 38251
Ion Ratio Lower Upper
165 100
63 41.2 51.4 77.2#
89 75.5 72.6 108.8
182 2.4 1.4 2.0#





#57

Fluorene

Concen: 10.12 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

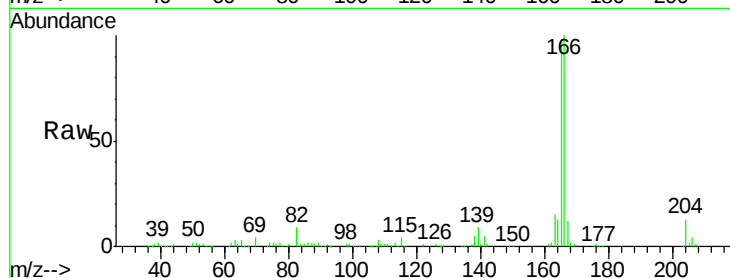
Tot Ion:166 Resp: 224050

Ion Ratio Lower Upper

166 100

165 98.4 80.0 120.0

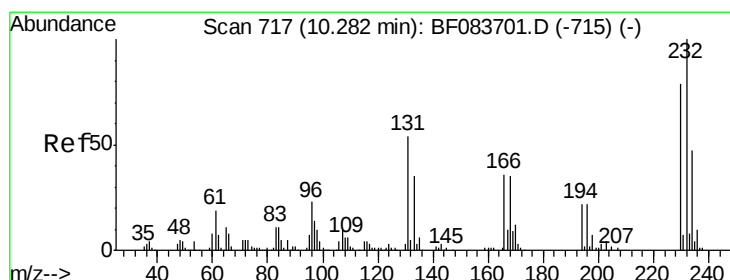
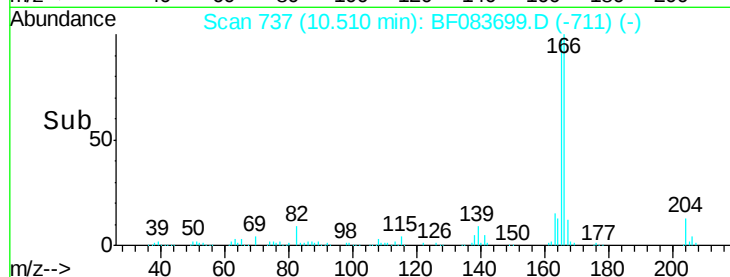
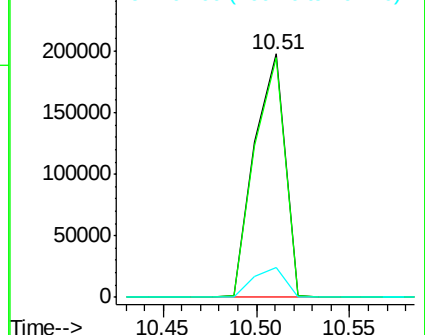
167 12.5 10.6 16.0



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: 10.14 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:232 Resp: 42871

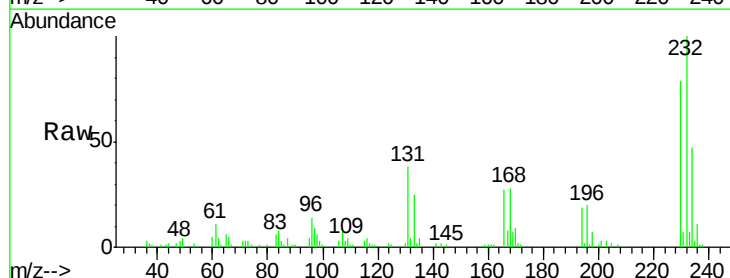
Ion Ratio Lower Upper

232 100

131 51.3 0.0 0.0#

130 2.5 0.0 0.0#

166 31.6 0.0 0.0#

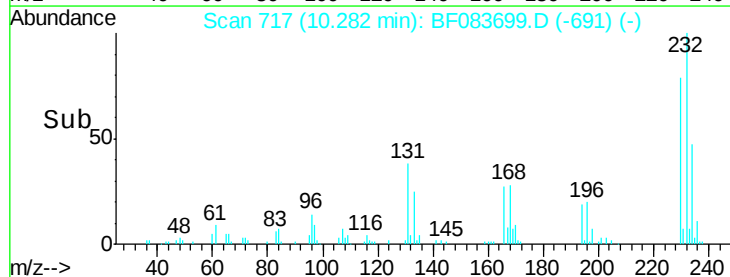
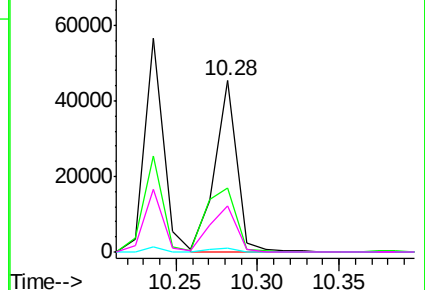


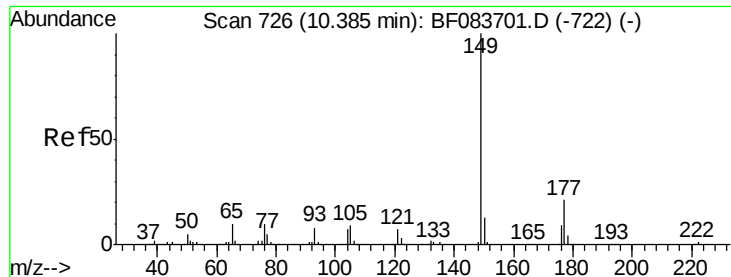
Abundance Ion 232.00 (231.70 to 232.70): E

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

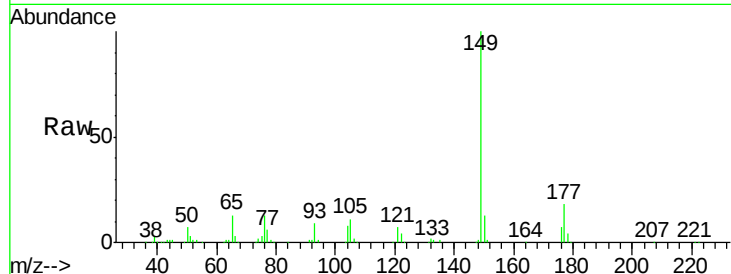




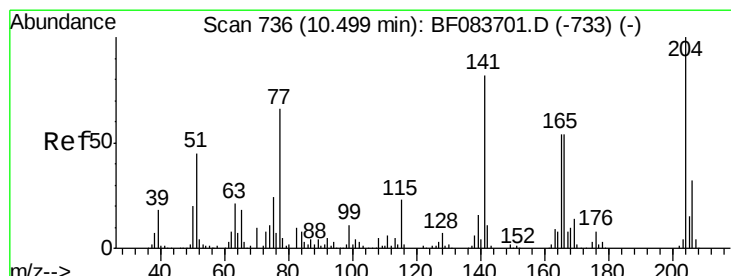
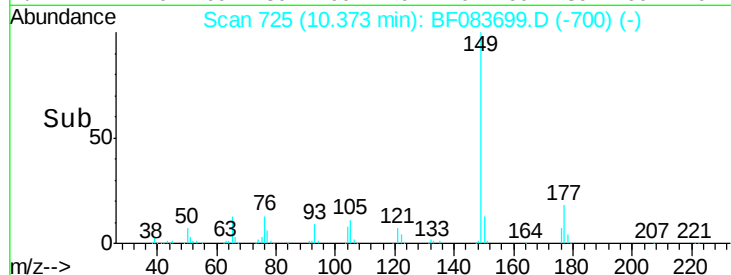
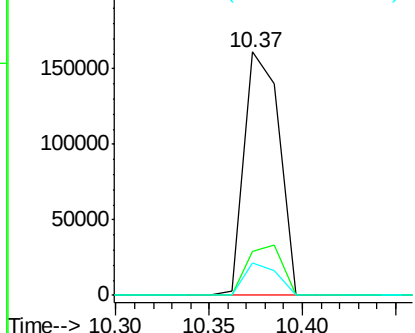
#59
Diethylphthalate
Concen: 9.14 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 208734
Ion Ratio Lower Upper
149 100
177 18.1 16.9 25.3
150 13.3 10.2 15.4

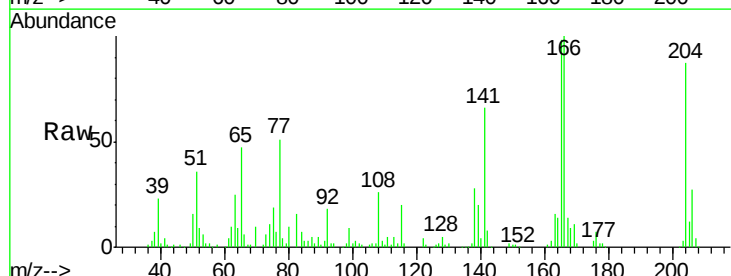


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

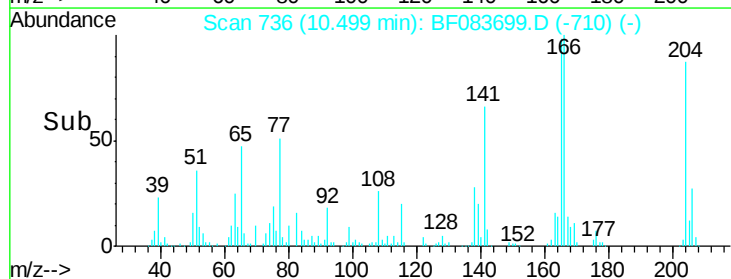
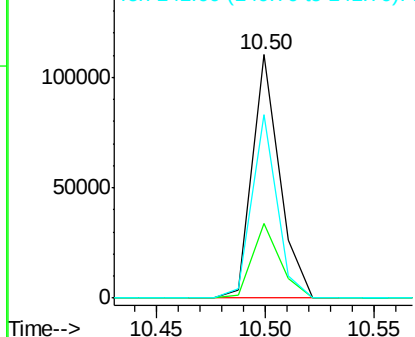


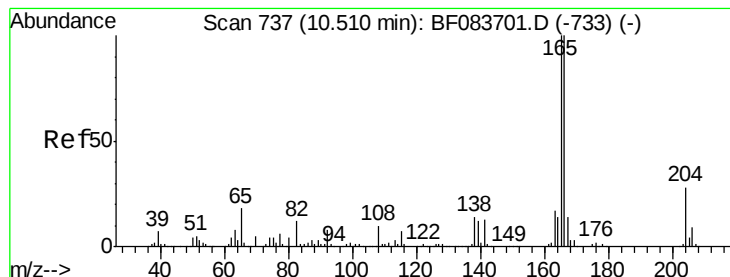
#60
4-Chlorophenyl-phenylether
Concen: 9.13 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:204 Resp: 96187
Ion Ratio Lower Upper
204 100
206 30.9 27.3 40.9
141 75.3 51.9 77.9



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: 6.87 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampled :

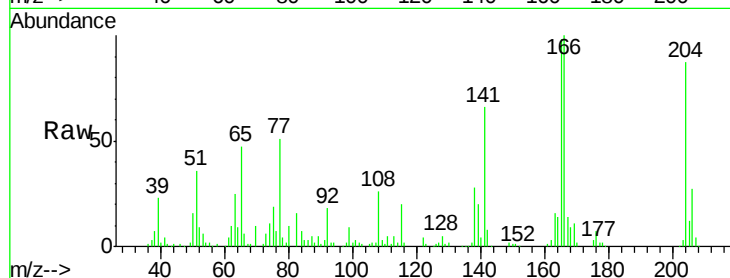
Tot Ion:138 Resp: 32179

Ion Ratio Lower Upper

138 100

92 63.7 29.0 69.0

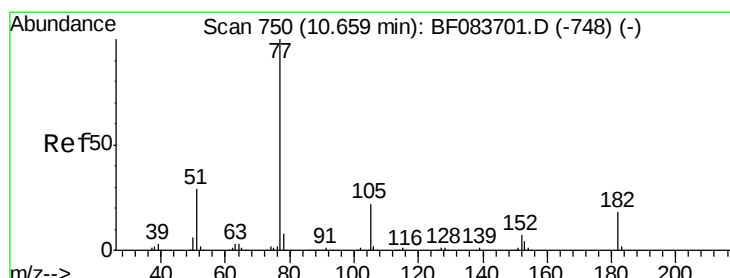
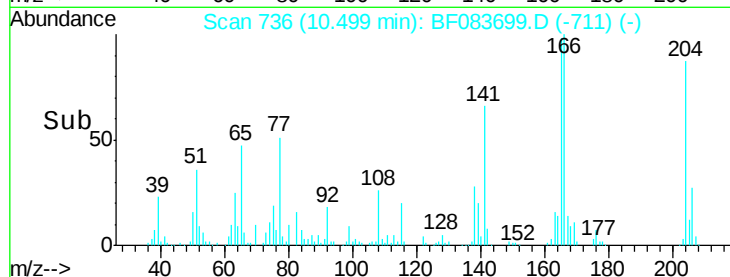
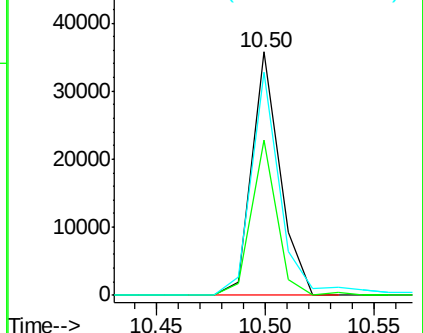
108 91.7 47.4 87.4#



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: 8.49 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion: 77 Resp: 213343

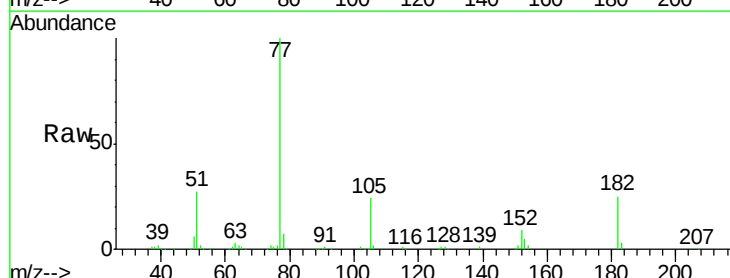
Ion Ratio Lower Upper

77 100

182 24.8 2.5 42.5

105 24.1 2.1 42.1

51 27.3 9.3 49.3

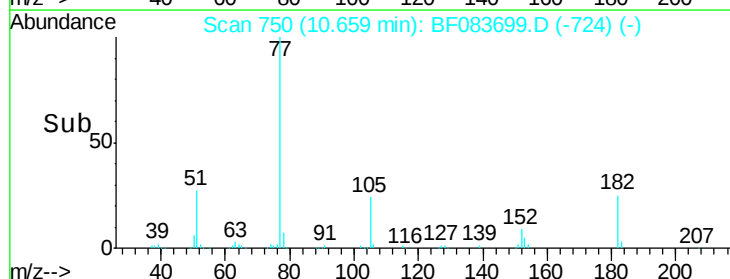
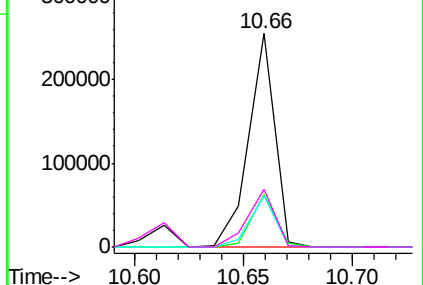


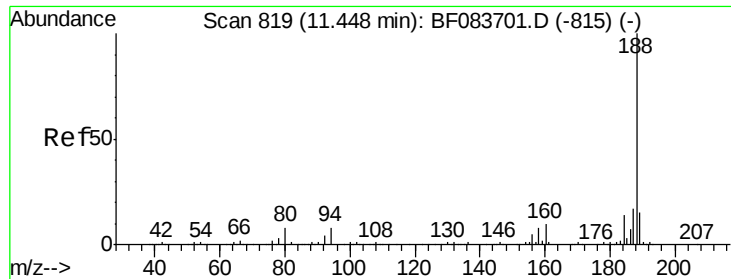
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

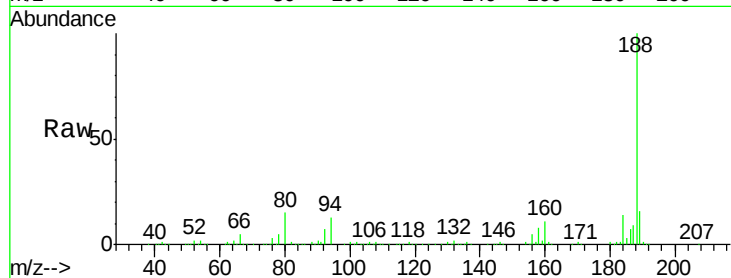




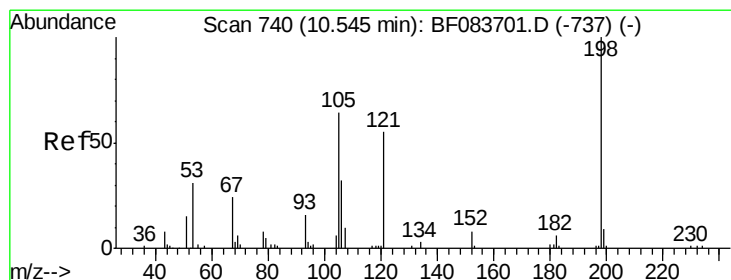
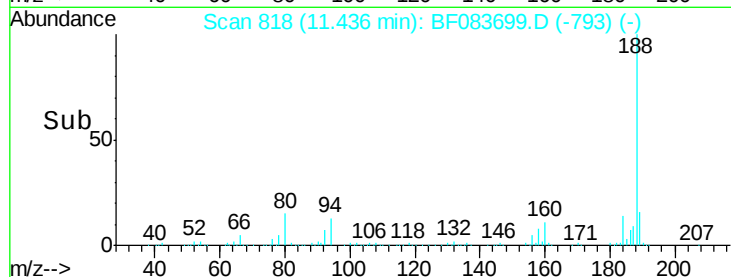
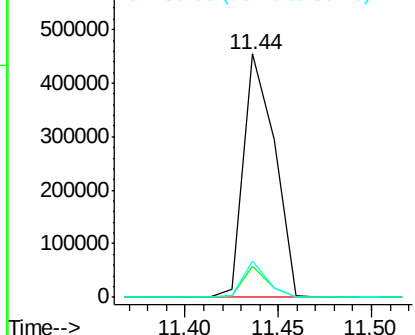
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 526179
Ion Ratio Lower Upper
188 100
94 13.0 9.4 14.2
80 15.1 10.6 16.0

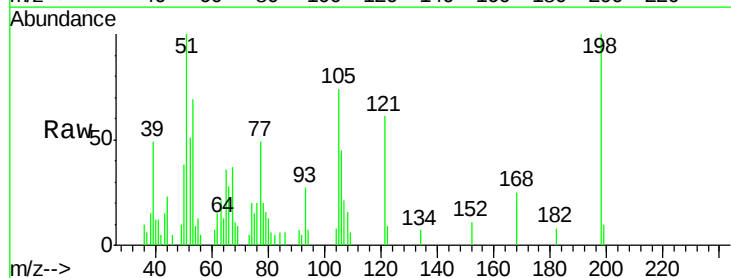


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

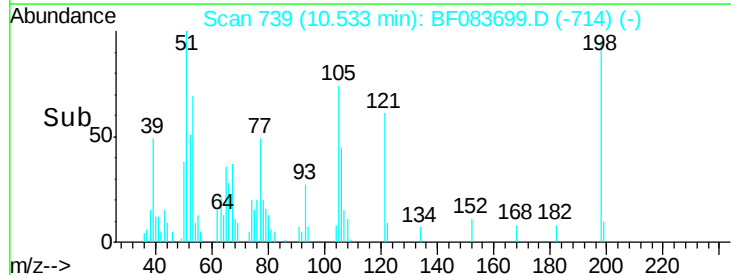
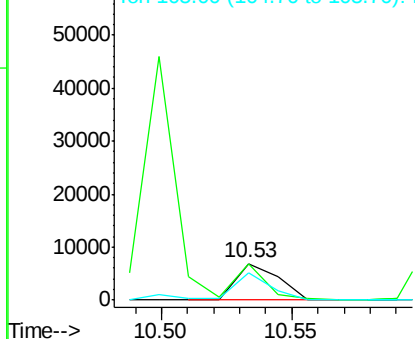


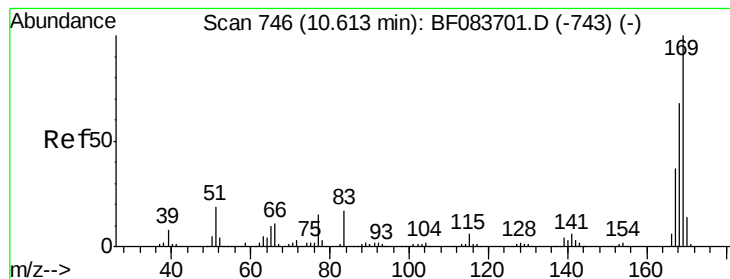
#64
4,6-Dinitro-2-methylphenol
Concen: 2.50 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:198 Resp: 7885
Ion Ratio Lower Upper
198 100
51 100.0 53.8 93.8#
105 73.6 38.6 78.6



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: 11.41 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

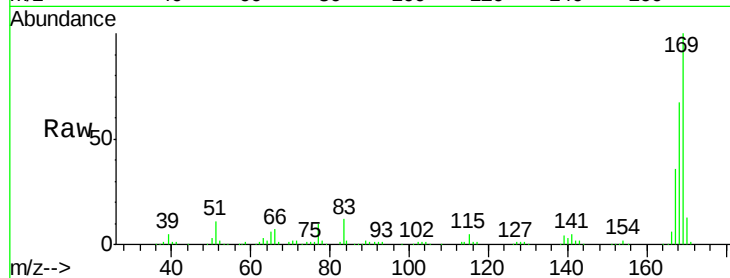
Tot Ion:169 Resp: 198113

Ion Ratio Lower Upper

169 100

168 66.8 53.0 79.6

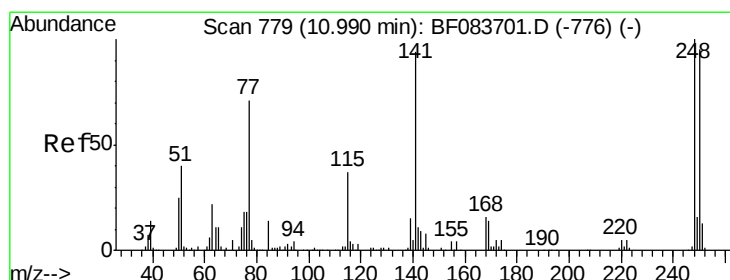
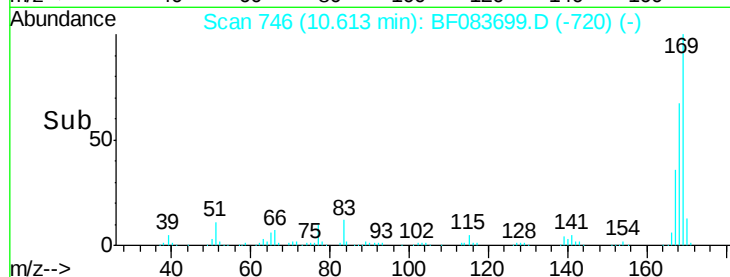
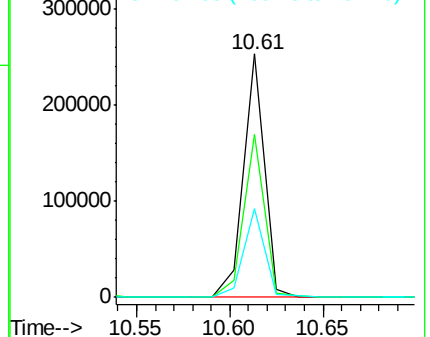
167 36.2 29.3 43.9



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: 10.49 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

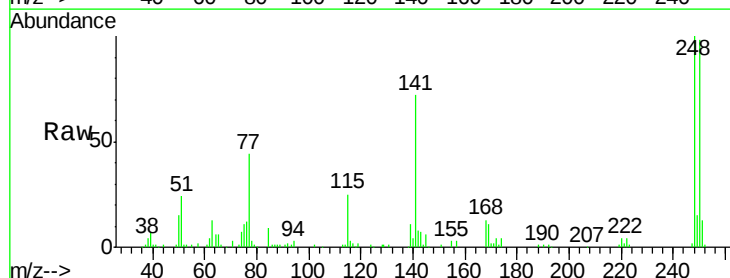
Tgt Ion:248 Resp: 61573

Ion Ratio Lower Upper

248 100

250 98.4 79.2 118.8

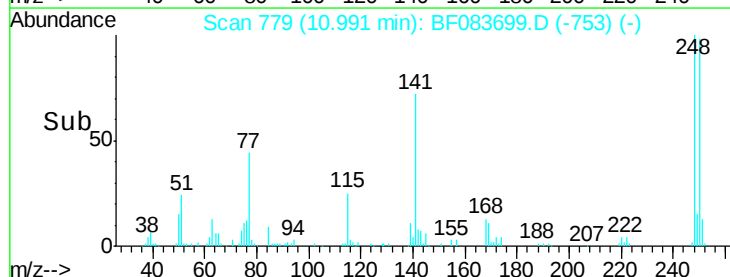
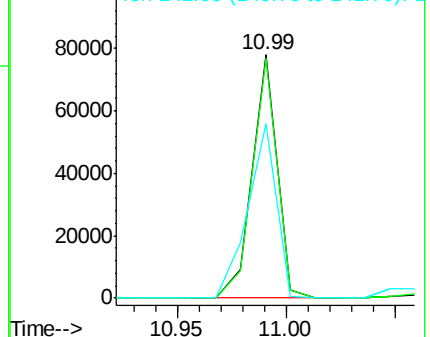
141 71.8 58.2 87.4

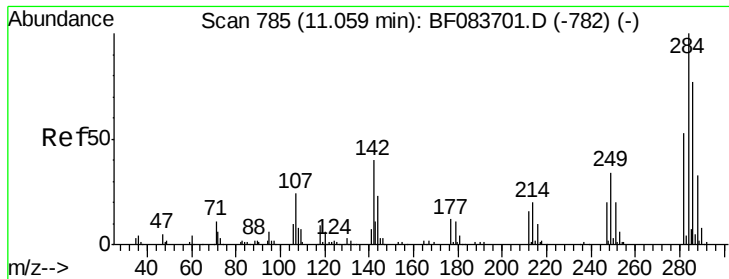


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 10.52 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampled :

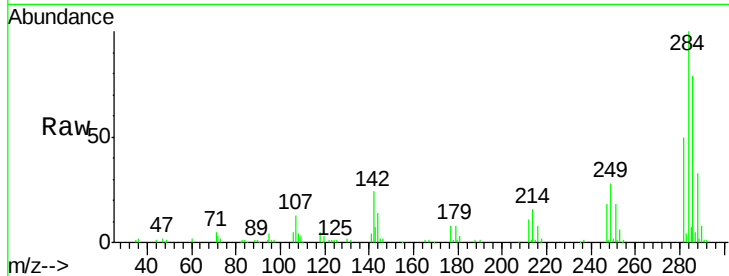
Tot Ion:284 Resp: 65528

Ion Ratio Lower Upper

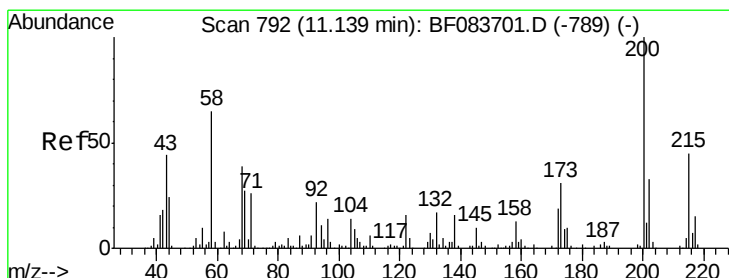
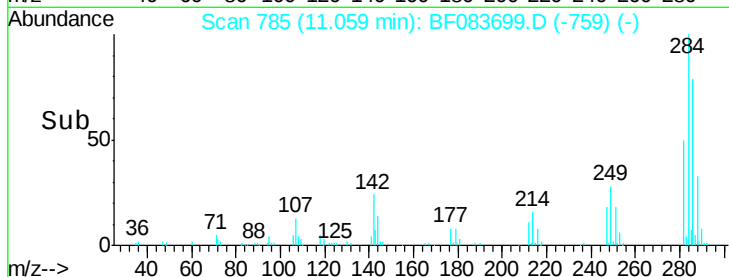
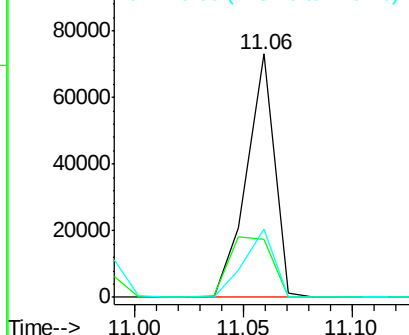
284 100

142 23.8 31.0 46.4#

249 28.1 26.9 40.3



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: 10.74 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

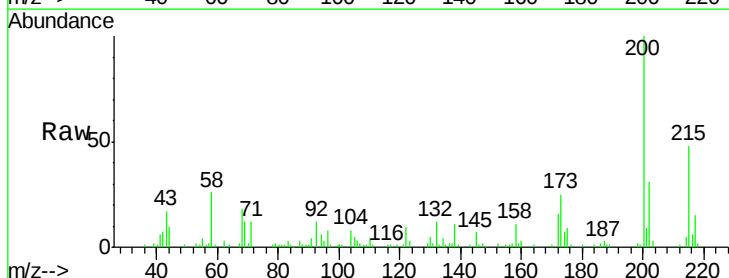
Tgt Ion:200 Resp: 55499

Ion Ratio Lower Upper

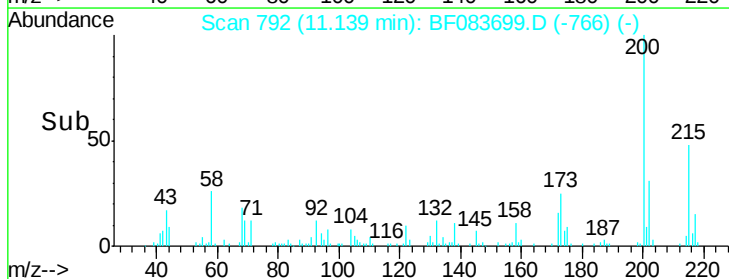
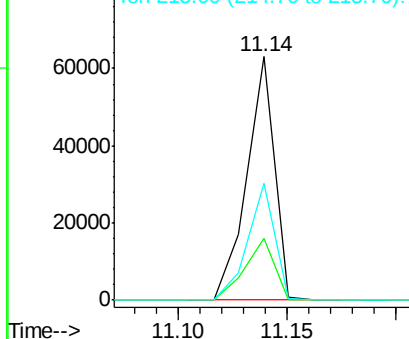
200 100

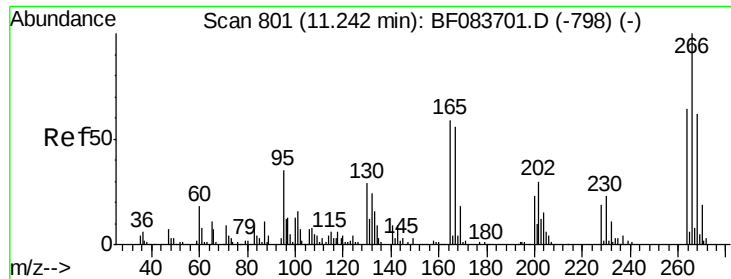
173 25.5 7.8 47.8

215 47.8 25.7 65.7



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

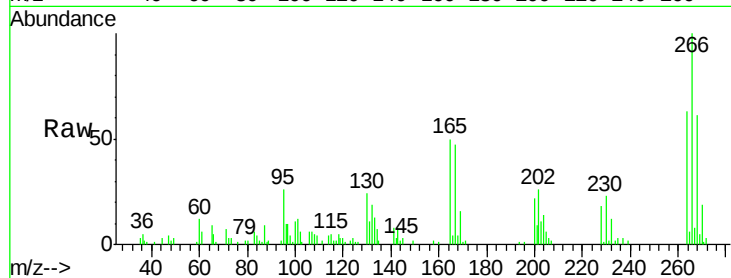




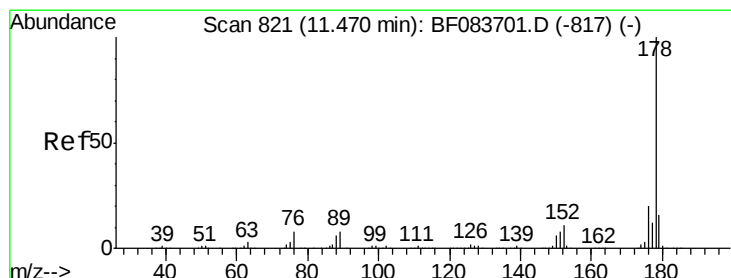
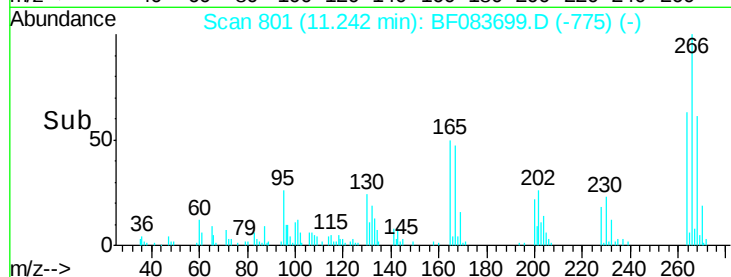
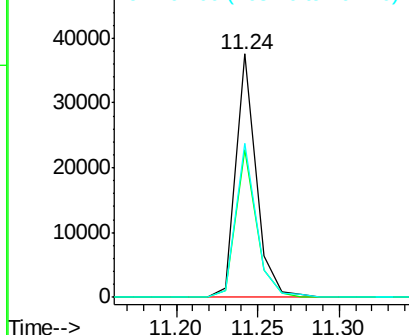
#69
 Pentachlorophenol
 Concen: 23.56 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 32117
 Ion Ratio Lower Upper
 266 100
 268 60.8 50.2 75.2
 264 63.3 51.4 77.2

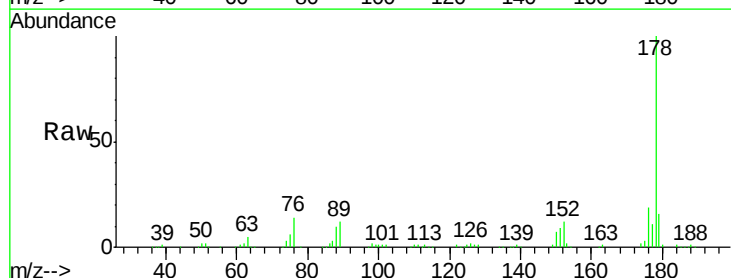


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

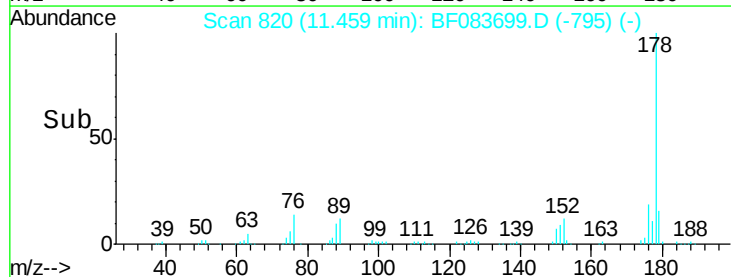
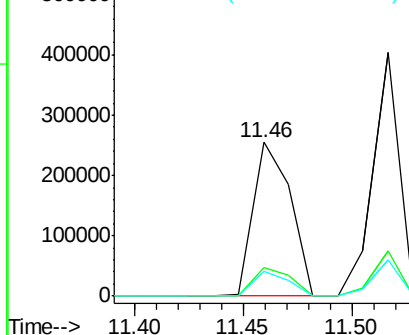


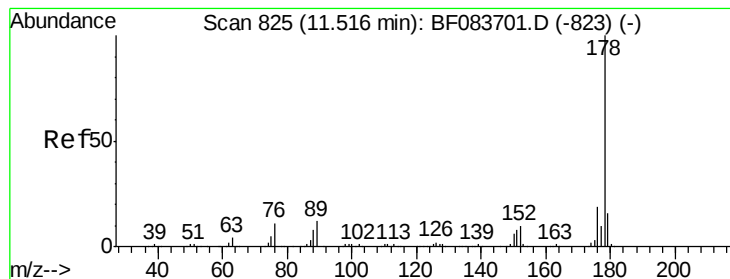
#70
 Phenanthrene
 Concen: 10.09 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion:178 Resp: 304913
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 15.7 12.2 18.4



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: 10.80 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

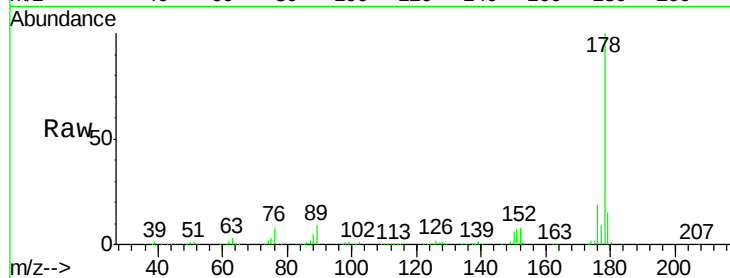
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 338107

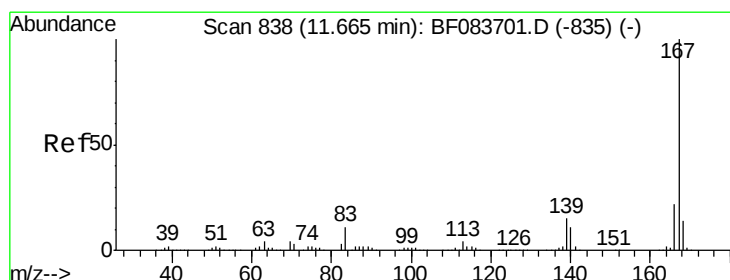
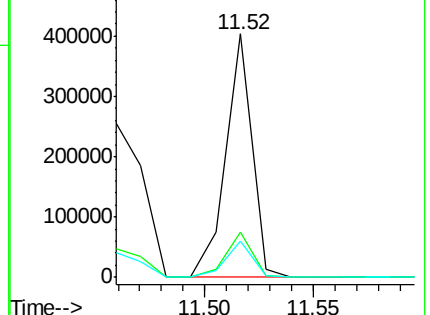
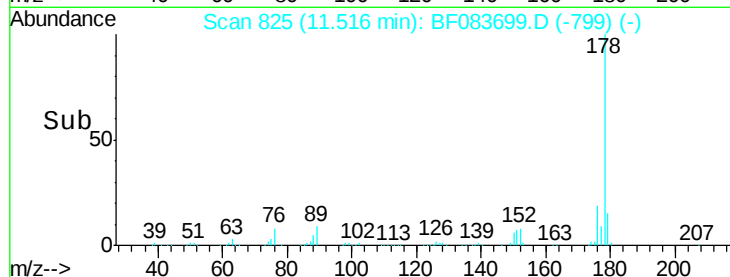
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.1	12.6	18.8



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: 11.65 ng

RT: 11.66 min Scan# 838

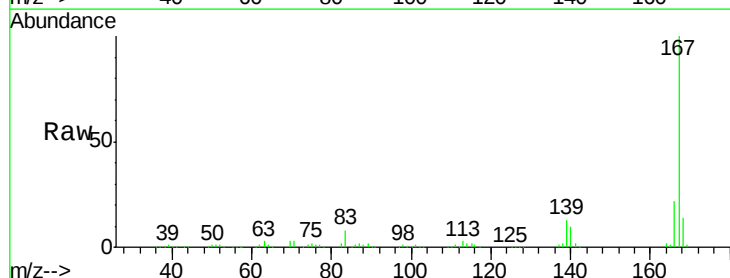
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:167 Resp: 312918

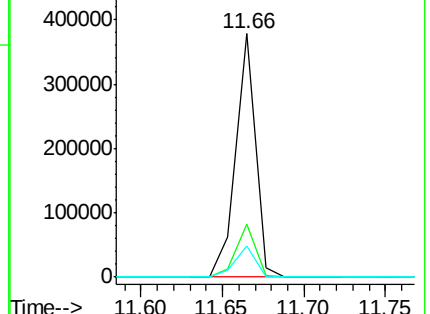
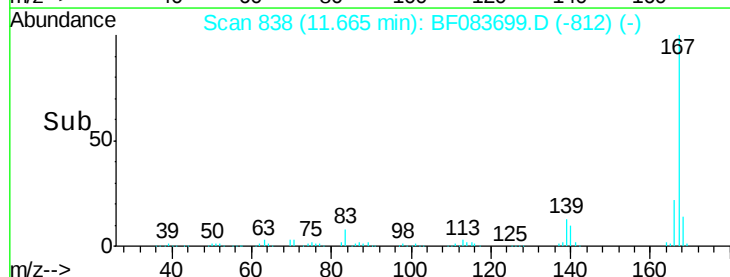
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.0	9.3	13.9

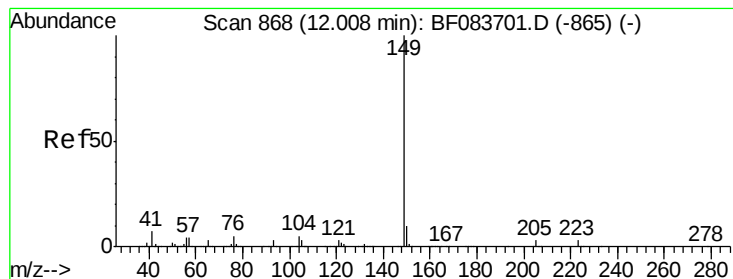


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 9.96 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampled :

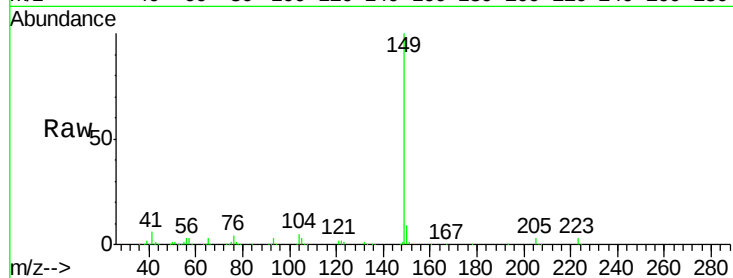
Tot Ion:149 Resp: 336484

Ion Ratio Lower Upper

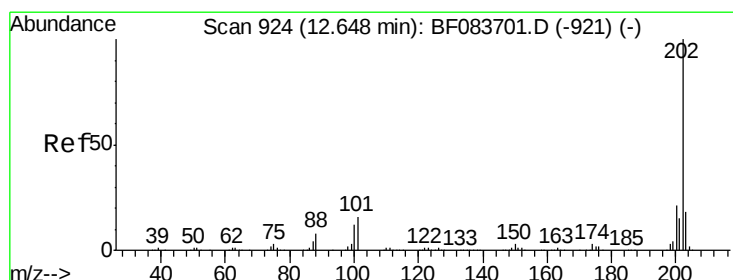
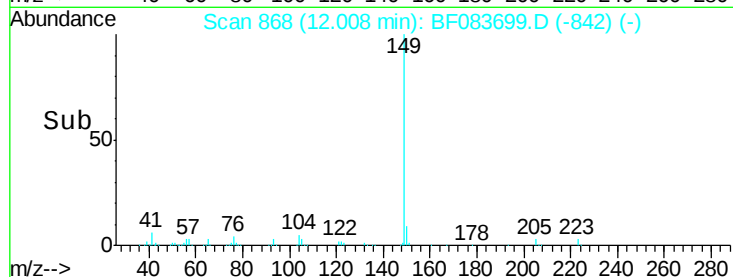
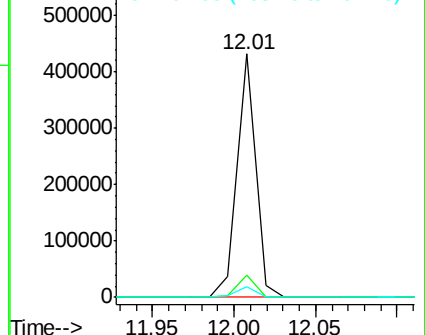
149 100

150 9.2 7.8 11.6

104 4.6 3.9 5.9



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: 11.22 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

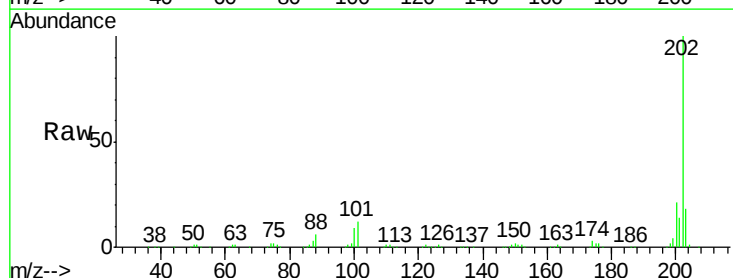
Tgt Ion:202 Resp: 347142

Ion Ratio Lower Upper

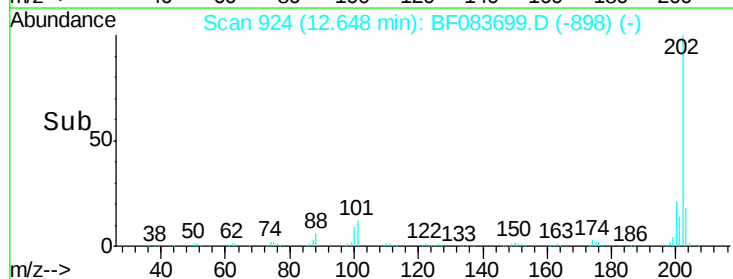
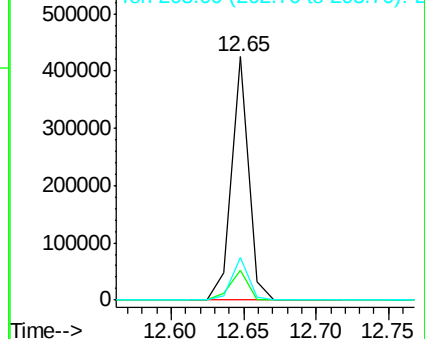
202 100

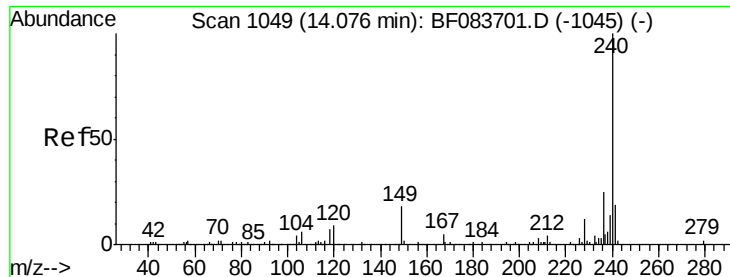
101 12.3 0.0 31.5

203 17.5 0.0 37.6



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. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

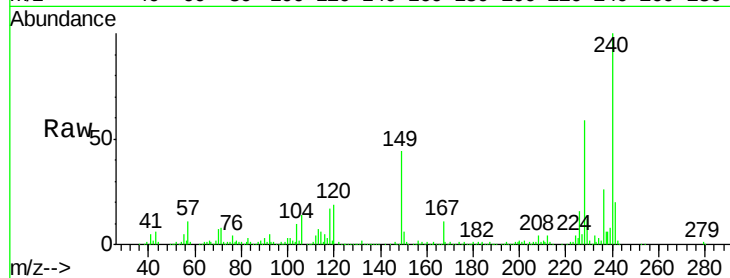
Tot Ion:240 Resp: 450724

Ion Ratio Lower Upper

240 100

120 18.8 8.1 12.1#

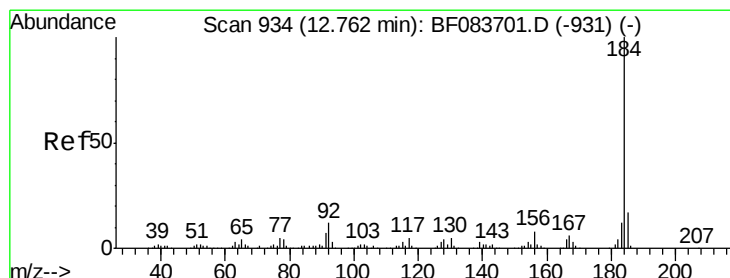
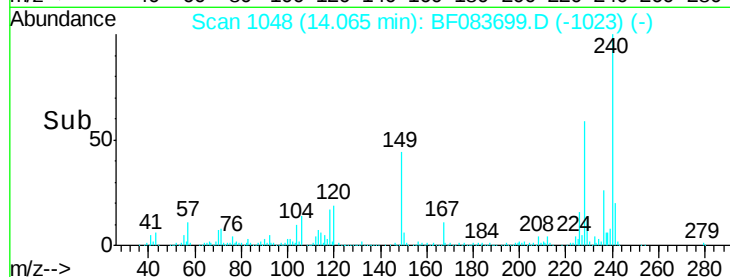
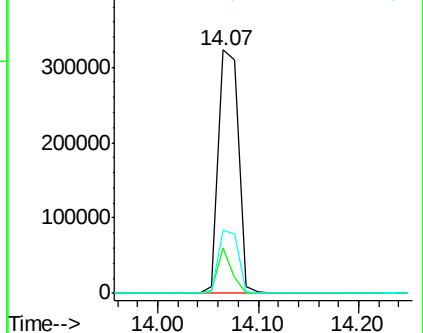
236 26.0 20.8 31.2



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: 13.10 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

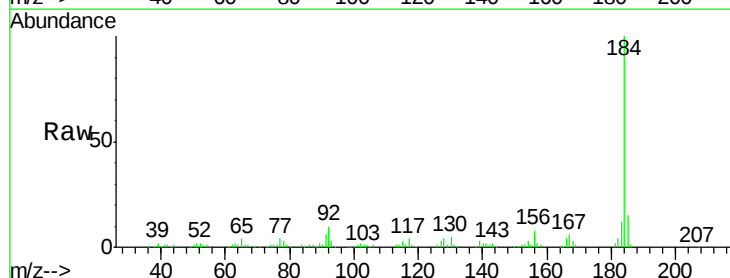
Tgt Ion:184 Resp: 183598

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

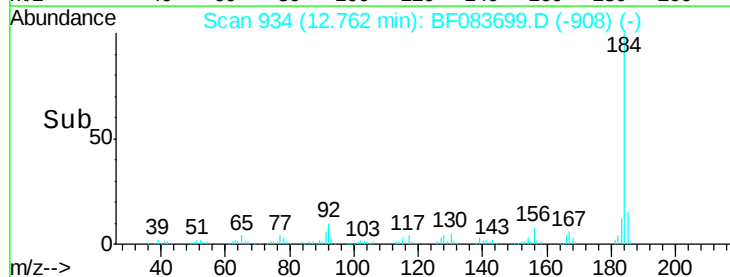
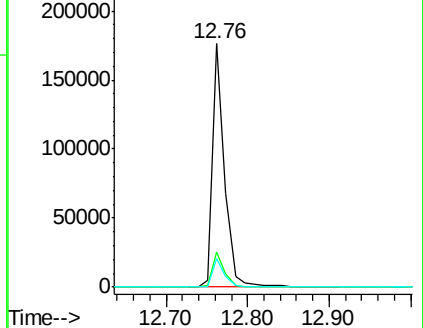
183 11.6 9.0 13.4

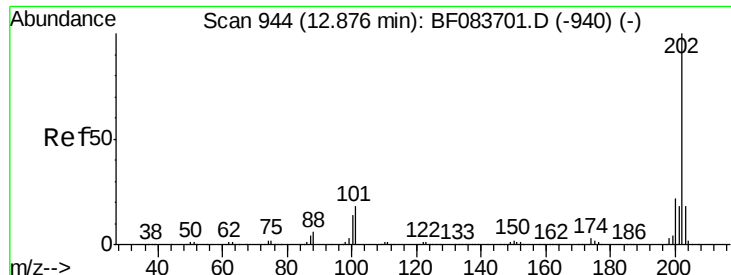


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

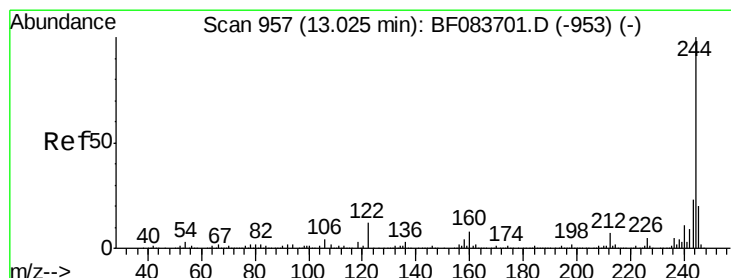
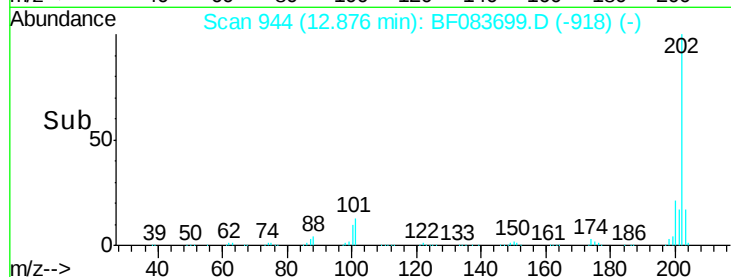
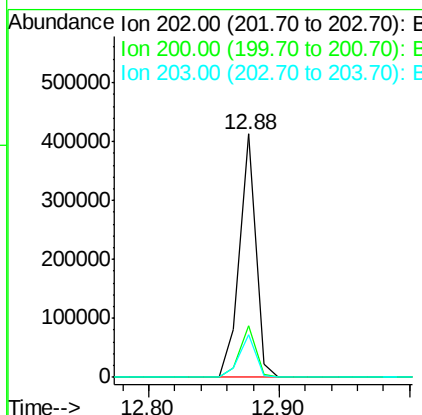
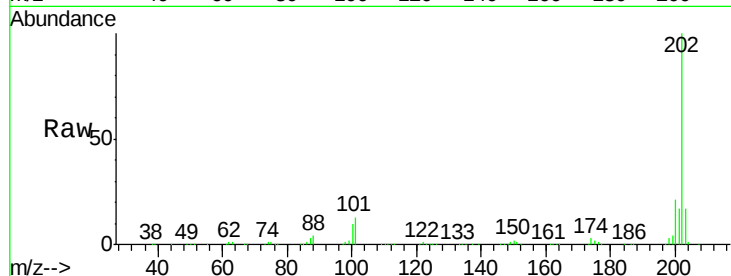




#77
Pvrene
Concen: 10.94 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

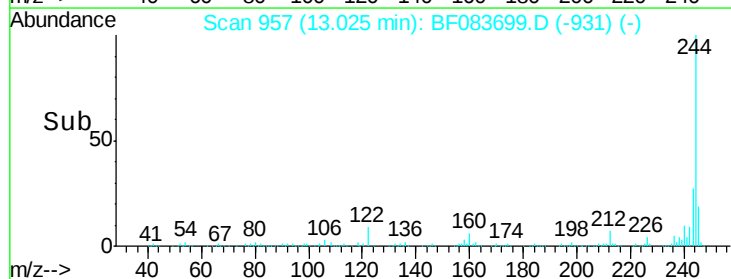
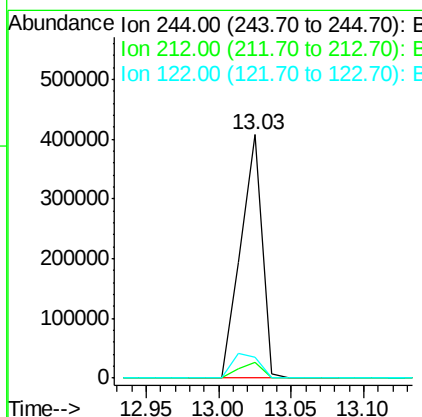
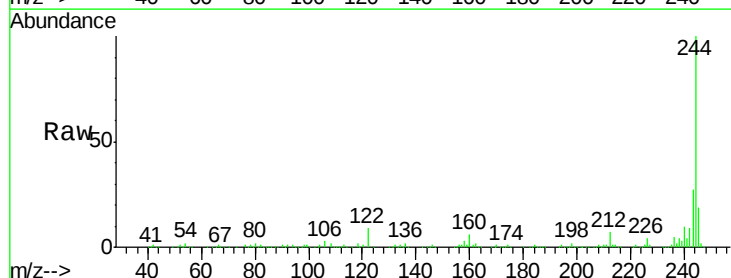
Instrument :
BNA_F
ClientSampleId :

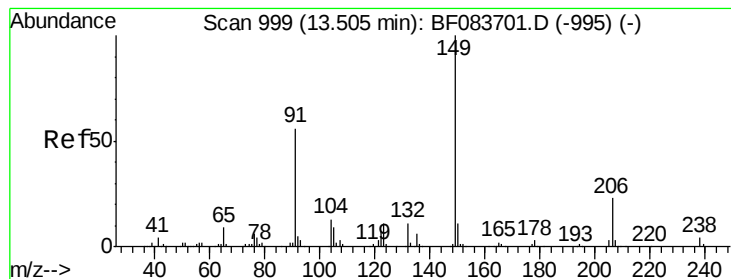
Tot Ion:202 Resp: 355068
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 21.89 ng
RT: 13.03 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:244 Resp: 419312
Ion Ratio Lower Upper
244 100
212 6.5 6.1 9.1
122 8.8 11.0 16.6#





#79

Butylbenzylphthalate

Concen: 6.67 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

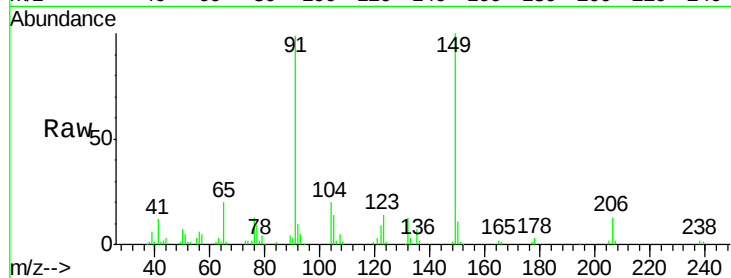
Tot Ion:149 Resp: 96136

Ion Ratio Lower Upper

149 100

91 99.0 60.0 90.0#

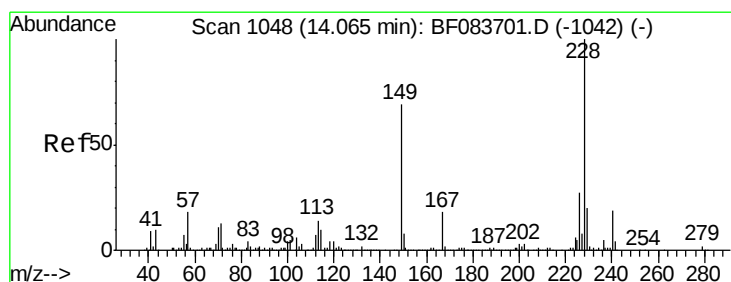
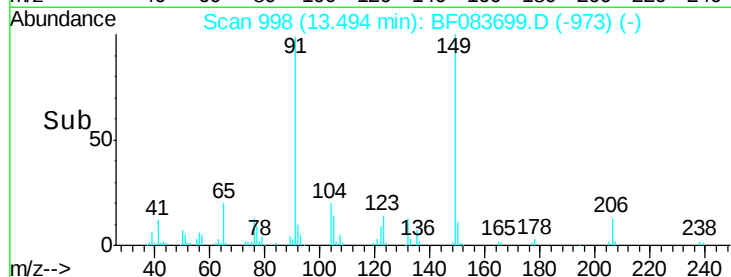
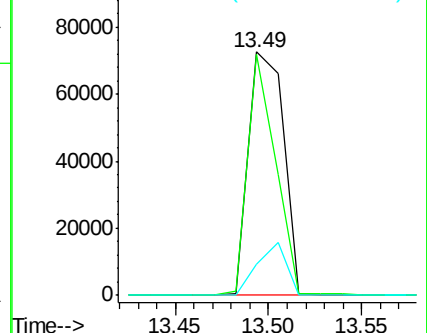
206 12.8 16.2 24.4#



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: 10.60 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

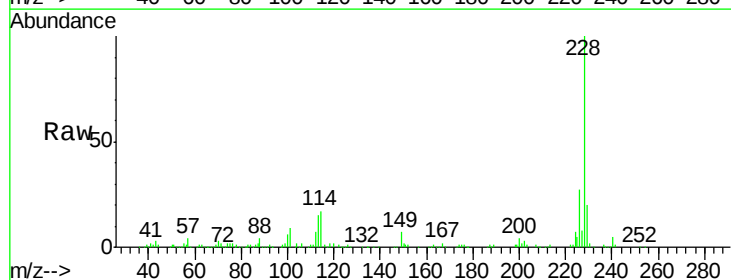
Tgt Ion:228 Resp: 279599

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

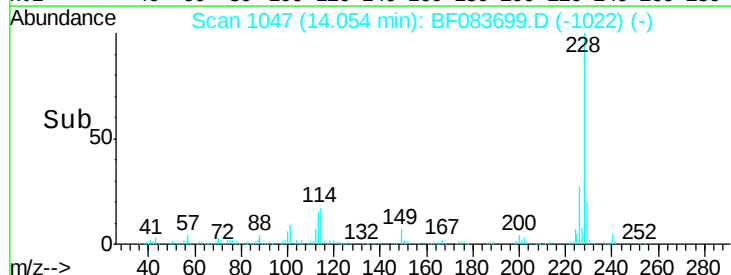
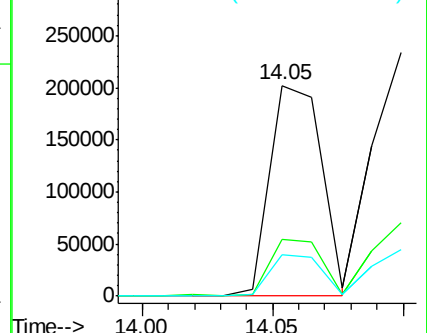
229 19.9 15.7 23.5

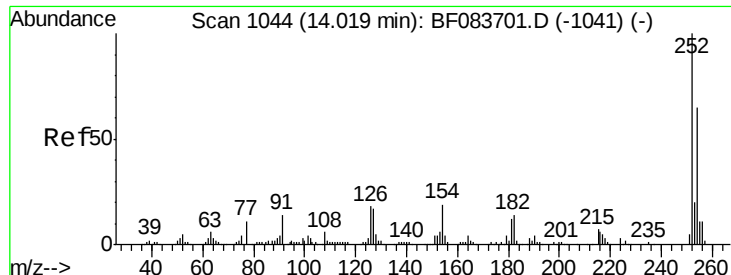


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

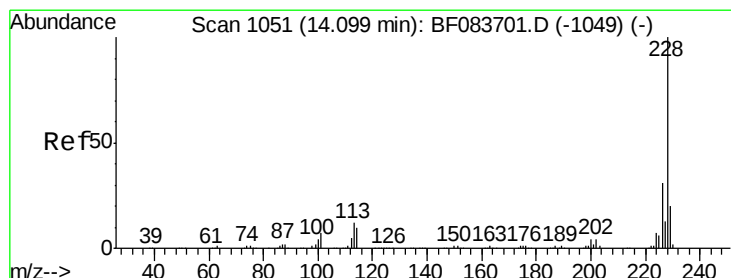
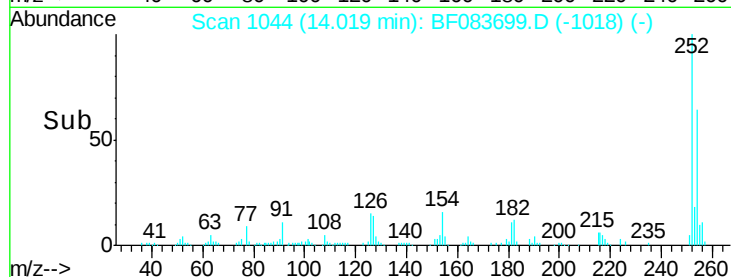
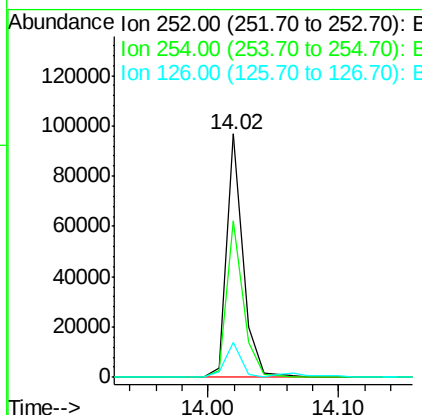
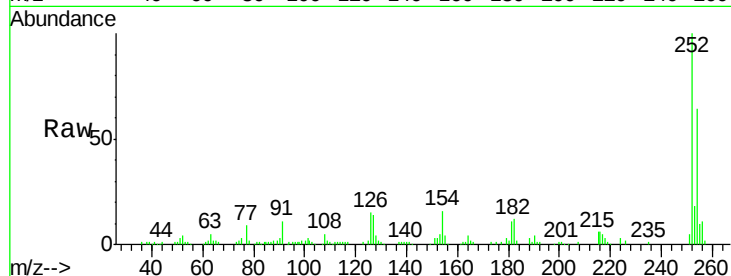




#81
 3,3'-Dichlorobenzidine
 Concen: 9.55 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

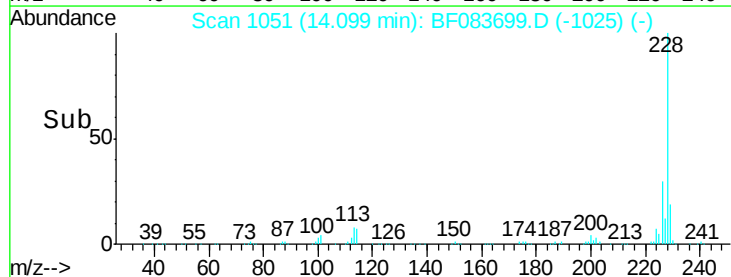
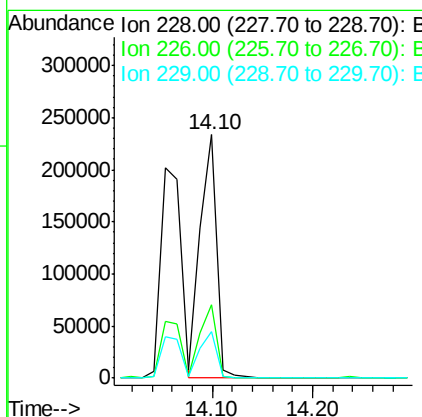
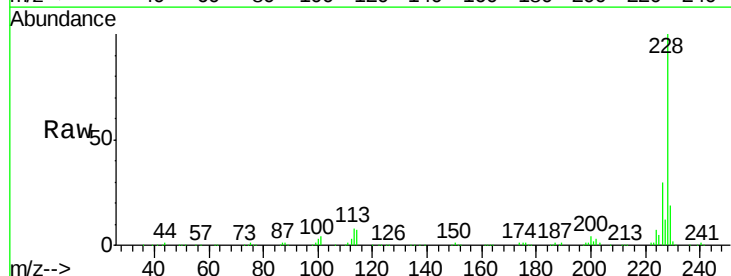
Instrument :
 BNA_F
 ClientSampled :

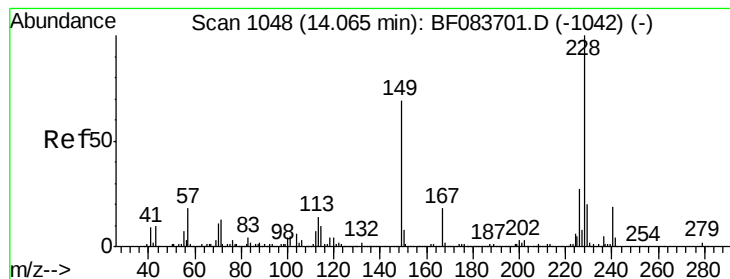
Tot Ion:252 Resp: 85074
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.6 76.0
 126 14.6 11.0 16.4



#82
 Chrysene
 Concen: 10.16 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion:228 Resp: 268652
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.7 37.1
 229 19.3 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.93 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

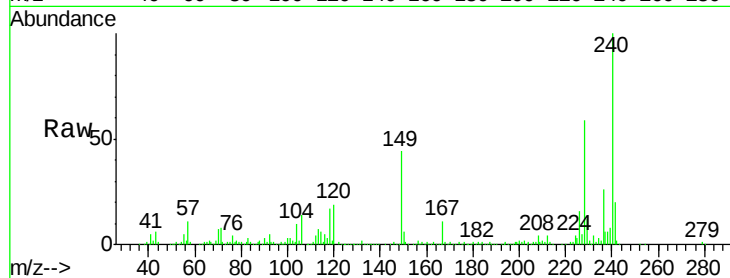
Tot Ion:149 Resp: 118553

Ion Ratio Lower Upper

149 100

167 25.5 21.8 32.8

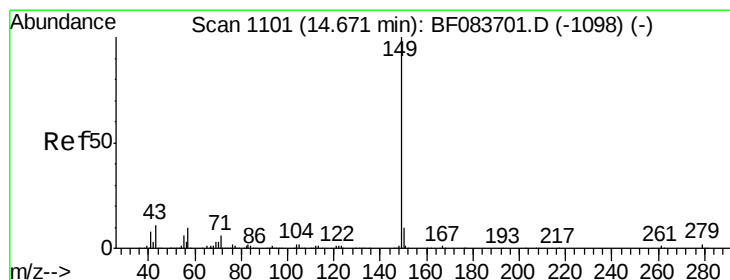
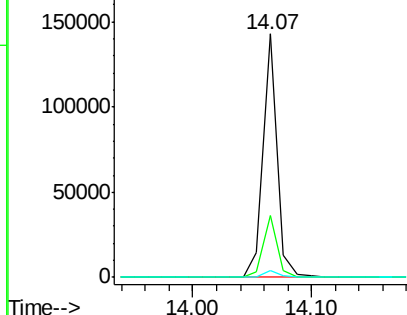
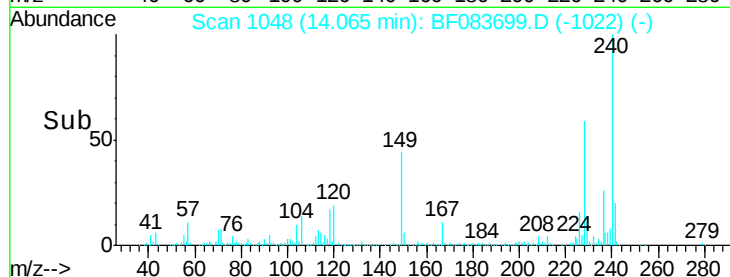
279 2.9 3.0 4.4#



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: 4.25 ng

RT: 14.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

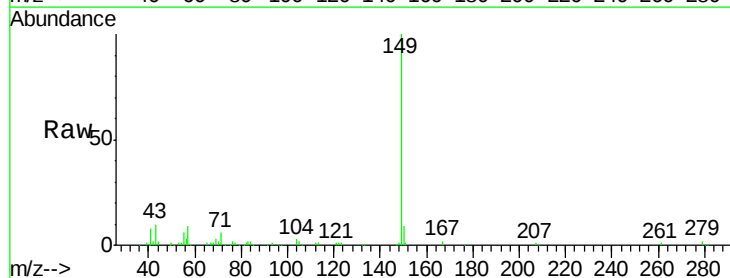
Tgt Ion:149 Resp: 129869

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

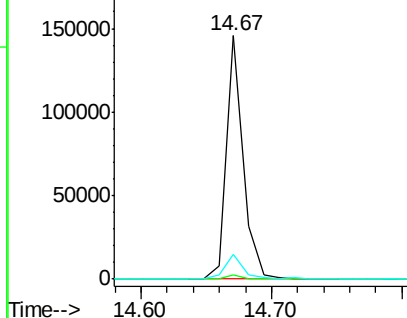
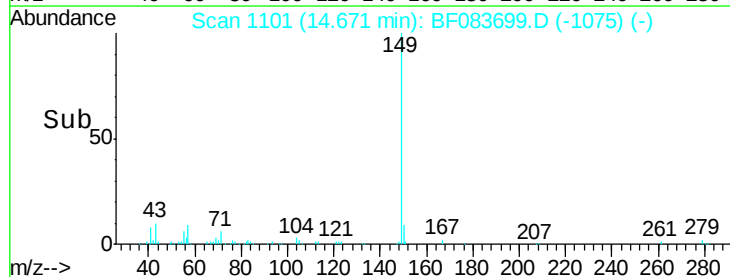
43 12.4 0.0 0.0#

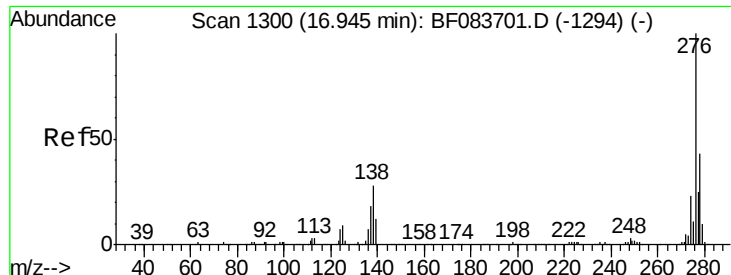


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

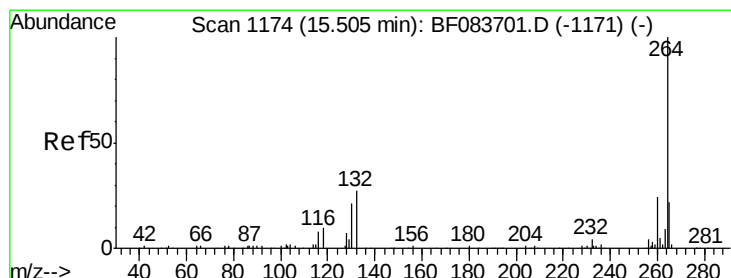
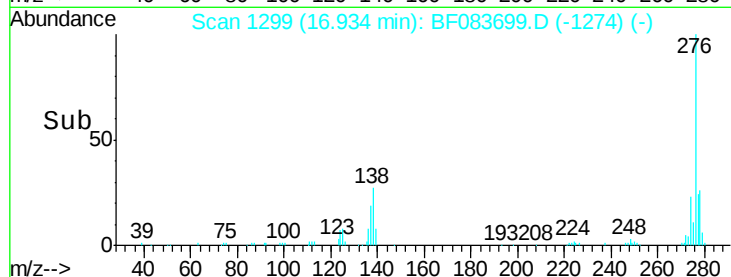
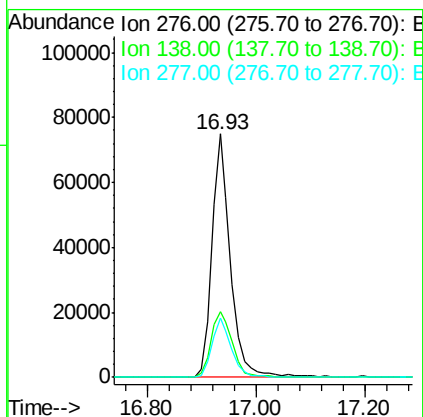
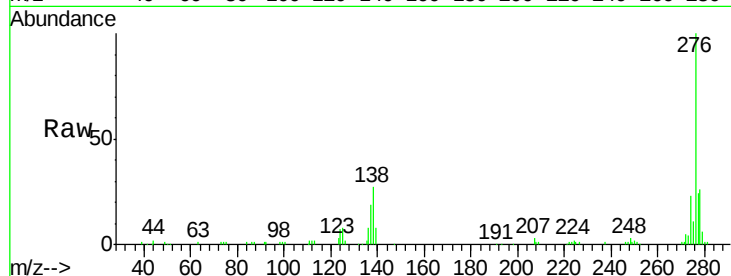




#85
Indeno(1,2,3-cd)pyrene
Concen: 10.00 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

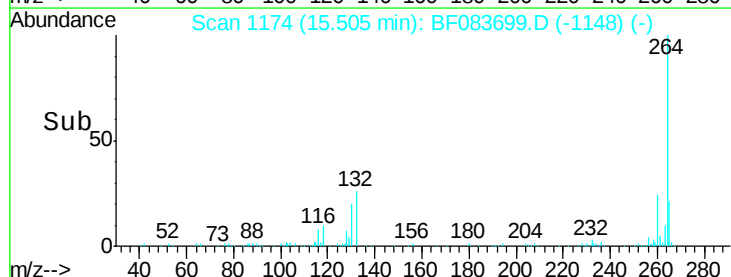
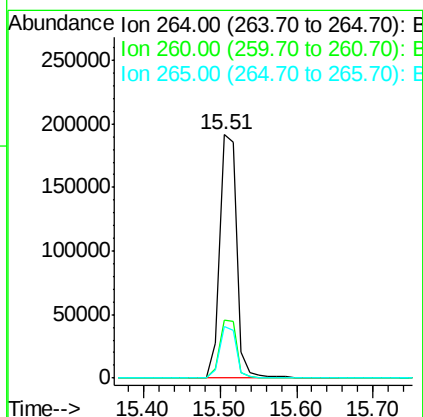
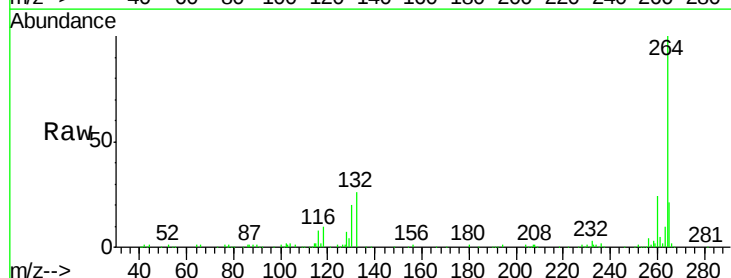
Instrument :
BNA_F
ClientSampleId :

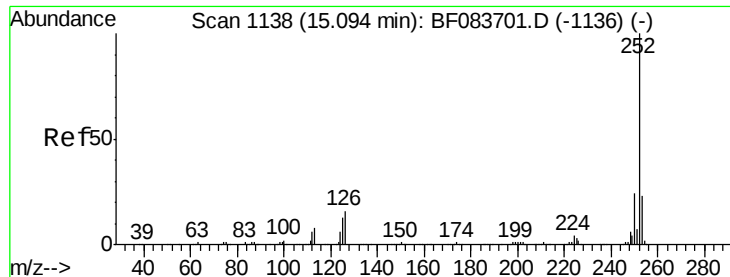
Tot Ion:276 Resp: 178522
Ion Ratio Lower Upper
276 100
138 31.2 0.0 0.0#
277 25.3 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:264 Resp: 299666
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 21.2 17.8 26.6

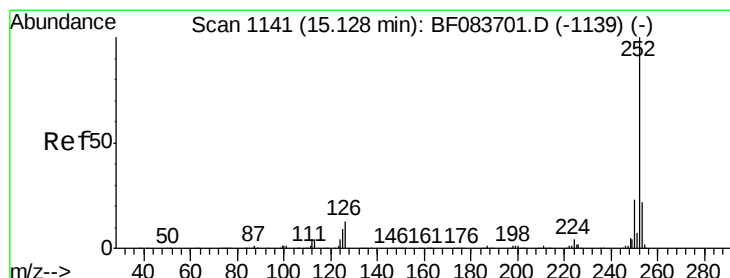
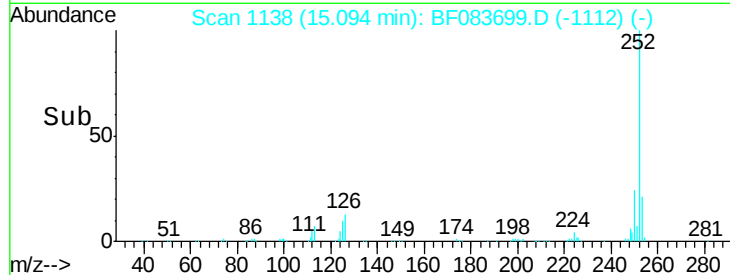
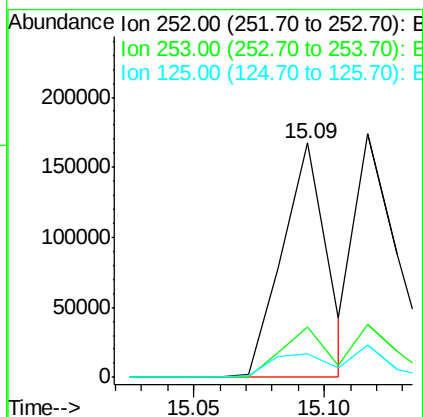
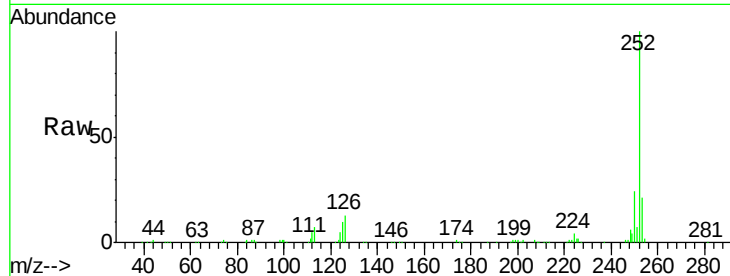




#87
Benzo(b)fluoranthene
Concen: 11.66 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

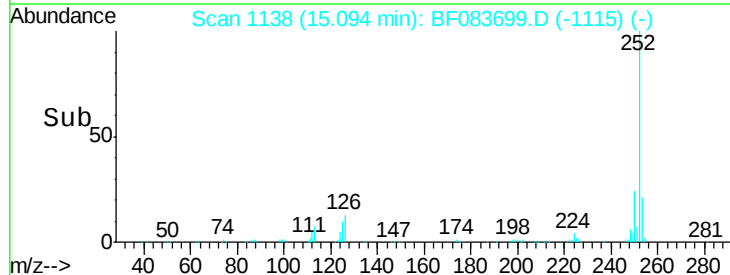
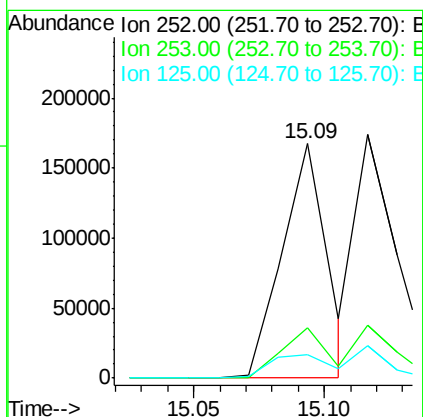
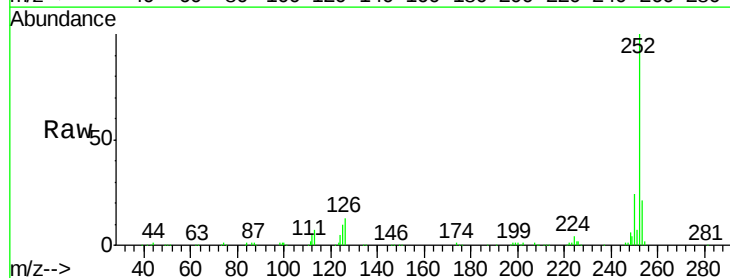
Instrument :
BNA_F
ClientSampleId :

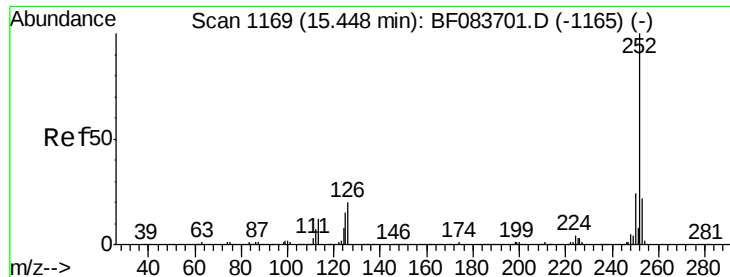
Tot Ion:252 Resp: 199010
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 10.2 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 10.58 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:252 Resp: 199010
Ion Ratio Lower Upper
252 100
253 21.4 18.6 27.8
125 10.2 11.5 17.3#





#89

Benzo(a)pyrene

Concen: 10.36 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :

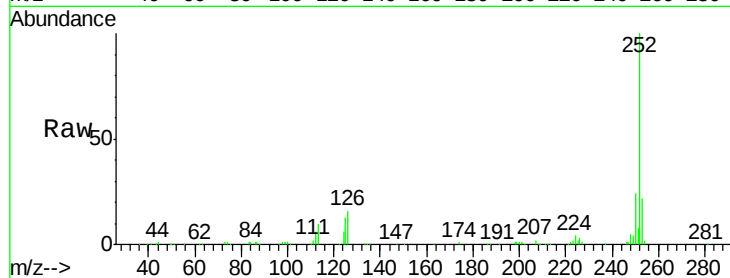
Tot Ion:252 Resp: 172555

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

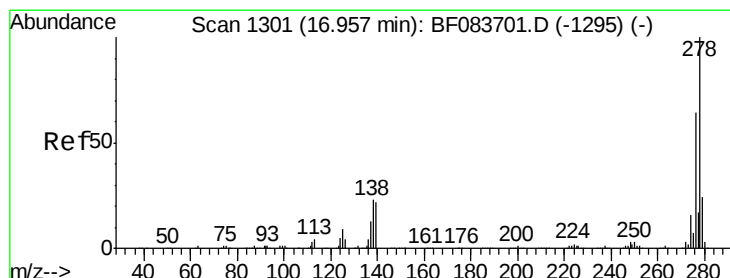
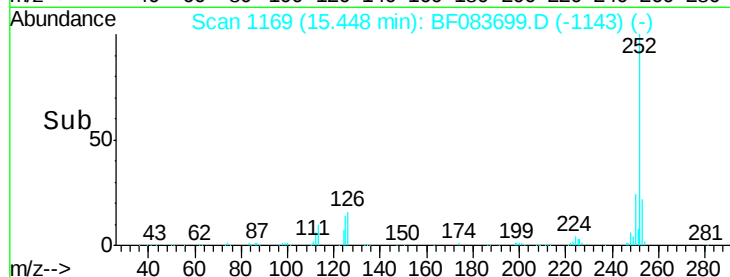
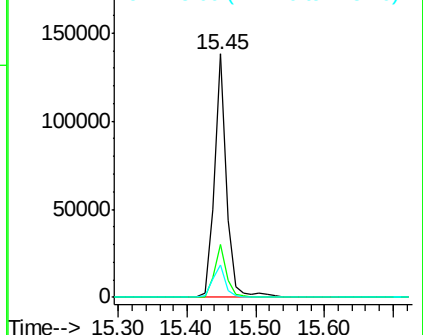
125 13.4 11.0 16.6



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



#90

Dibenzo(a,h)anthracene

Concen: 11.61 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

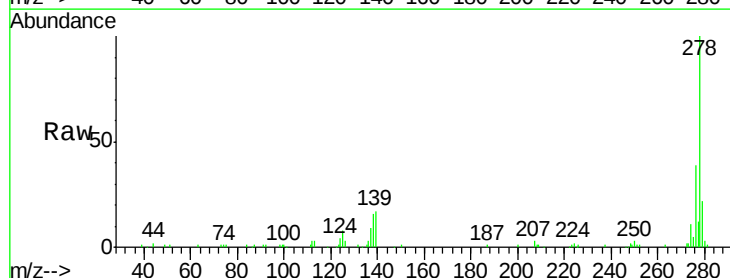
Tgt Ion:278 Resp: 147789

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

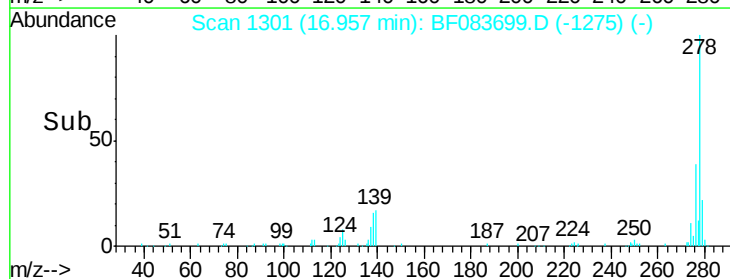
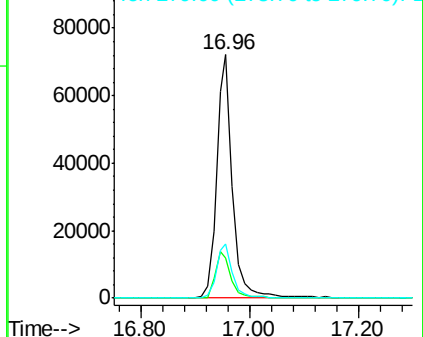
279 22.4 18.6 28.0

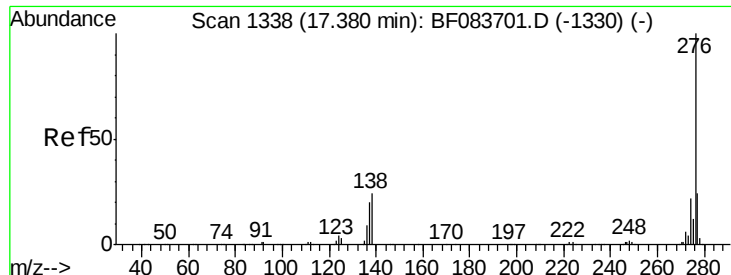


Abundance Ion 278.00 (277.70 to 278.70): E

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: 12.64 ng

RT: 17.36 min Scan# 1336

Delta R.T. -0.02 min

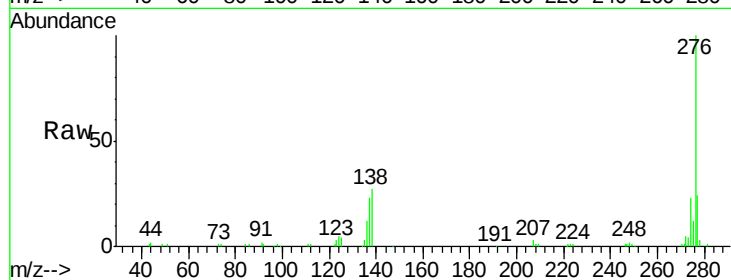
Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

ClientSampleId :



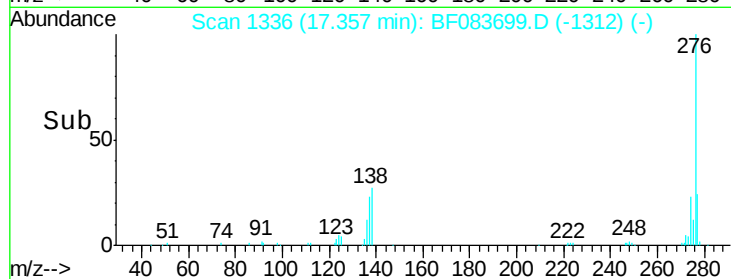
Tot Ion: 276 Resp: 156849

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 27.4 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

