

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083709.D
 Acq On : 11 Dec 2015 21:56
 Operator : UM/IZ
 Sample : PB87192BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Quant Time: Dec 11 22:33:57 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 19:24:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143210	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	584965	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	262478	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	499649	20.00	ng	0.00
75) Chrysene-d12	14.08	240	329332	20.00	ng	0.00
86) Perylene-d12	15.51	264	277273	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	970042	104.32	ng	0.01
7) Phenol-d6	6.56	99	1303472	113.50	ng	0.01
23) Nitrobenzene-d5	7.48	82	732801	84.96	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	329019	129.50	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1362807	76.48	ng	0.00
78) Terphenyl-d14	13.03	244	1252251	85.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	145608	32.02	ng	# 86
3) Pyridine	3.39	79	419641	35.52	ng	# 89
4) n-Nitrosodimethylamine	3.33	42	180146	37.50	ng	# 74
6) Aniline	6.58	93	341540	21.72	ng	# 87
8) 2-Chlorophenol	6.72	128	378179	37.22	ng	# 76
9) Benzaldehyde	6.46	77	200572	31.71	ng	# 96
10) Phenol	6.57	94	526112	39.44	ng	# 69
11) bis(2-Chloroethyl)ether	6.66	93	374936	38.50	ng	# 94
12) 1,3-Dichlorobenzene	6.86	146	410188	36.57	ng	# 98
13) 1,4-Dichlorobenzene	6.94	146	429502	37.91	ng	# 96
14) 1,2-Dichlorobenzene	7.09	146	375235	36.02	ng	# 96
15) Benzyl Alcohol	7.06	79	319716	39.63	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	470844	34.92	ng	# 68
17) 2-Methylphenol	7.17	107	315234	38.43	ng	# 86
18) Hexachloroethane	7.45	117	150955	39.37	ng	# 98
19) n-Nitroso-di-n-propylamine	7.33	70	256159	38.27	ng	# 95
20) 3+4-Methylphenols	7.33	107	395872	39.20	ng	# 48
22) Acetophenone	7.33	105	499797	35.74	ng	# 99
24) Nitrobenzene	7.50	77	418139	43.33	ng	# 86
25) Isophorone	7.74	82	715287	37.10	ng	# 96
26) 2-Nitrophenol	7.82	139	190276	47.88	ng	# 79
27) 2,4-Dimethylphenol	7.86	122	365321	37.79	ng	# 99
28) bis(2-Chloroethoxy)methane	7.96	93	457914	41.54	ng	# 97
29) 2,4-Dichlorophenol	8.06	162	334573	41.86	ng	# 98
30) 1,2,4-Trichlorobenzene	8.16	180	344514	38.88	ng	# 98
31) Naphthalene	8.24	128	1138357	39.42	ng	# 99
32) Benzoic acid	7.96	122	198222	38.66	ng	# 93
33) 4-Chloroaniline	8.27	127	121783	10.14	ng	# 90
34) Hexachlorobutadiene	8.36	225	189593	38.50	ng	# 96
35) Caprolactam	8.64	113	78658	30.61	ng	# 50
36) 4-Chloro-3-methylphenol	8.75	107	344571	39.38	ng	# 95
37) 2-Methylnaphthalene	8.92	142	710604	39.00	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	322216	39.35	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	338131	87.28	ng	# 100

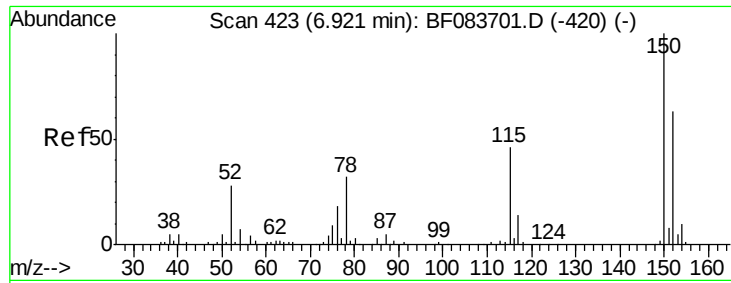
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	225215	40.13	ng	97
43) 2,4,5-Trichlorophenol	9.23	196	206748	38.19	ng #	89
45) 1,1'-Biphenyl	9.39	154	887288	38.76	ng	95
46) 2-Chloronaphthalene	9.41	162	684036	39.64	ng	99
47) 2-Nitroaniline	9.49	65	165631	39.13	ng	88
48) Acenaphthylene	9.82	152	1058462	37.23	ng	99
49) Dimethylphthalate	9.69	163	809539	40.09	ng	99
50) 2,6-Dinitrotoluene	9.74	165	174383	44.47	ng #	61
51) Acenaphthene	10.00	154	676243	40.17	ng	99
52) 3-Nitroaniline	9.90	138	92755	21.09	ng #	75
53) 2,4-Dinitrophenol	10.01	184	114200	87.52	ng #	47
54) Dibenzofuran	10.17	168	894173	39.89	ng	91
55) 4-Nitrophenol	10.06	139	338832	90.65	ng #	79
56) 2,4-Dinitrotoluene	10.14	165	247382	49.61	ng #	67
57) Fluorene	10.51	166	690928	38.84	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	179510	44.77	ng #	100
59) Diethylphthalate	10.38	149	736010	38.89	ng	100
60) 4-Chlorophenyl-phenylether	10.50	204	315777	37.20	ng	89
61) 4-Nitroaniline	10.52	138	180494	44.28	ng	92
62) Azobenzene	10.66	77	687715	38.17	ng	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	84655	42.65	ng	92
65) n-Nitrosodiphenylamine	10.62	169	639683	38.57	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	203839	38.17	ng #	90
67) Hexachlorobenzene	11.06	284	226496	38.94	ng	98
68) Atrazine	11.14	200	191363	40.46	ng	97
69) Pentachlorophenol	11.25	266	269922	83.15	ng	96
70) Phenanthrene	11.47	178	1114536	40.87	ng	98
71) Anthracene	11.52	178	997949	35.44	ng	99
72) Carbazole	11.66	167	907878	35.13	ng #	96
73) Di-n-butylphthalate	12.01	149	1111223	39.45	ng	100
74) Fluoranthene	12.65	202	1028949	36.05	ng	96
76) Benzidine	12.76	184	266887	21.02	ng	99
77) Pyrene	12.88	202	1049091	40.40	ng	98
79) Butylbenzylphthalate	13.49	149	400757	48.14	ng #	86
80) Benzo(a)anthracene	14.07	228	814699	42.22	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	138130	22.52	ng	99
82) Chrysene	14.10	228	786497	42.39	ng	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	431343	47.90	ng	100
84) Di-n-octyl phthalate	14.67	149	663429	48.75	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	797901	39.99	ng #	100
87) Benzo(b)fluoranthene	15.09	252	1308021	75.90	ng	98
88) Benzo(k)fluoranthene	15.09	252	1309401	79.68	ng #	96
89) Benzo(a)pyrene	15.45	252	629955	40.20	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	663424	42.73	ng #	95
91) Benzo(g,h,i)perylene	17.37	276	684534	41.82	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

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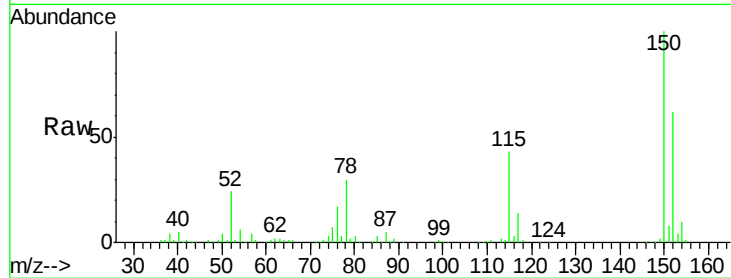
Tgt Ion:152 Resp: 143210

Ion Ratio Lower Upper

152 100

150 160.1 126.5 189.7

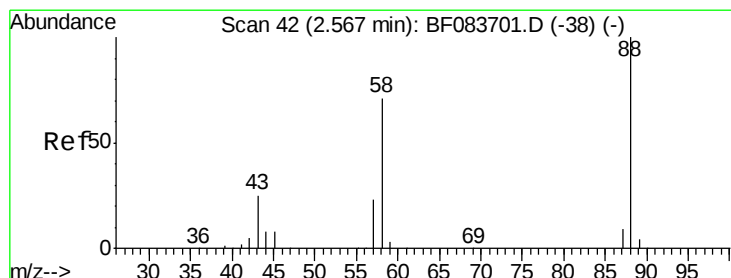
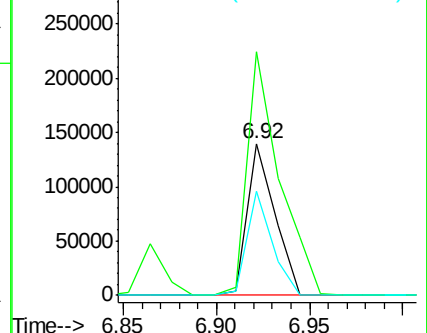
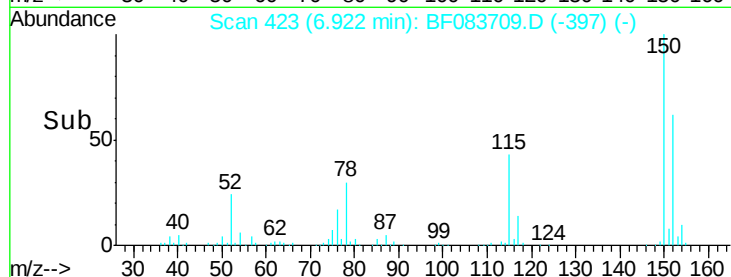
115 68.6 52.3 78.5



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



#2

1,4-Dioxane

Concen: 32.02 ng

RT: 2.66 min Scan# 50

Delta R.T. 0.09 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

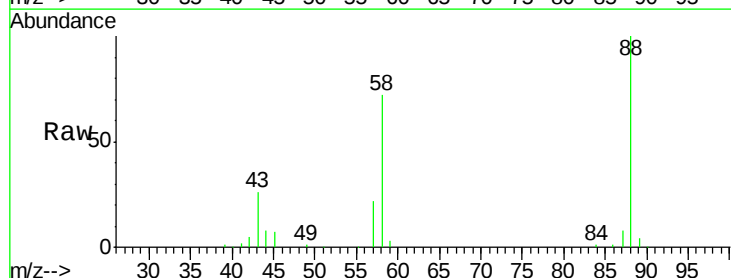
Tgt Ion: 88 Resp: 145608

Ion Ratio Lower Upper

88 100

58 73.0 68.0 102.0

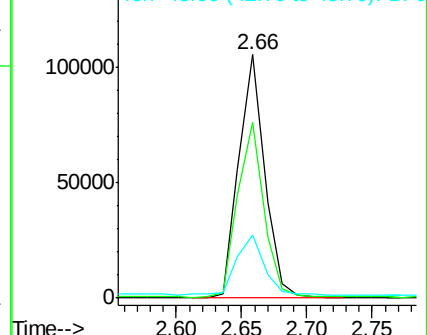
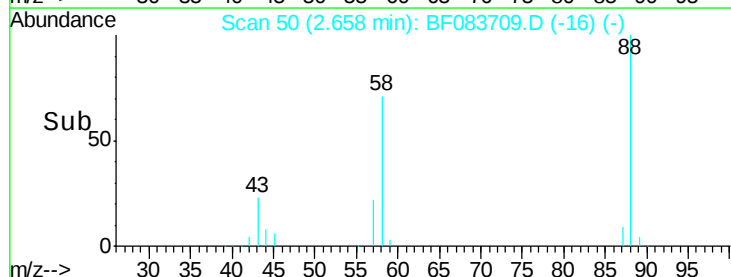
43 26.3 27.9 41.9#

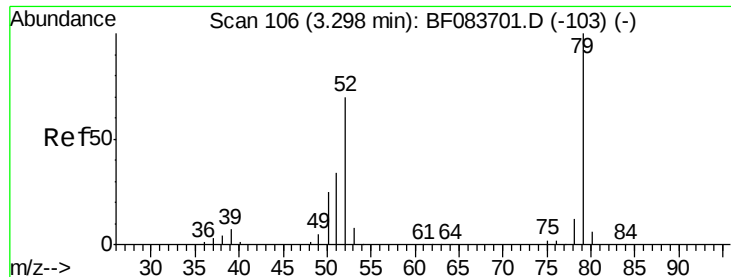


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.52 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.09 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

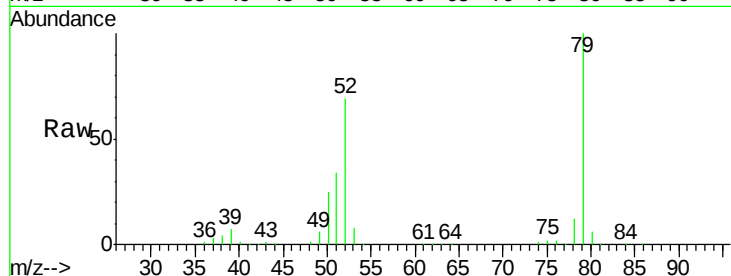
Tgt Ion: 79 Resp: 419641

Ion Ratio Lower Upper

79 100

52 69.1 63.7 95.5

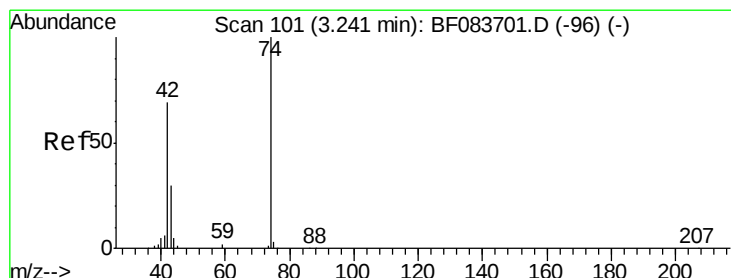
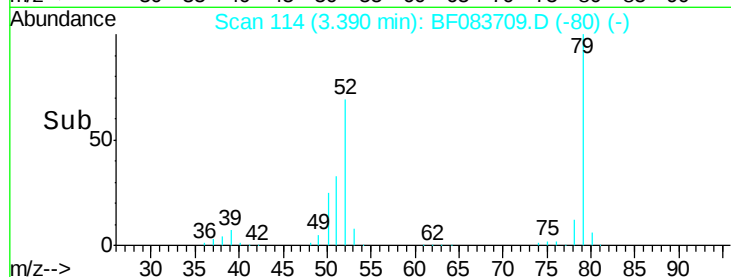
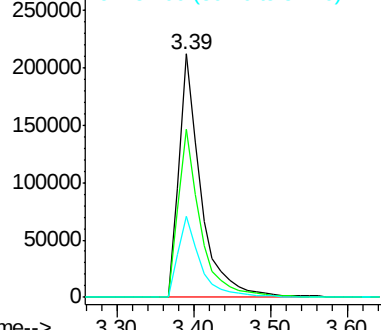
51 33.5 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.50 ng

RT: 3.33 min Scan# 109

Delta R.T. 0.09 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

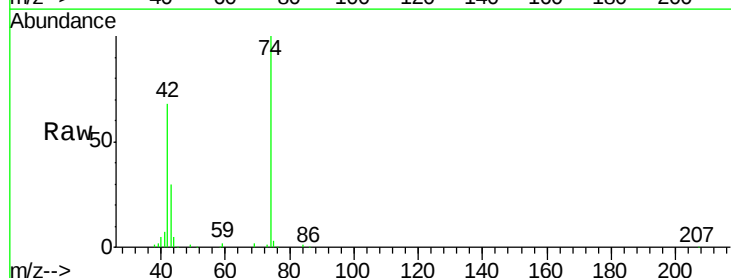
Tgt Ion: 42 Resp: 180146

Ion Ratio Lower Upper

42 100

74 146.5 92.9 139.3#

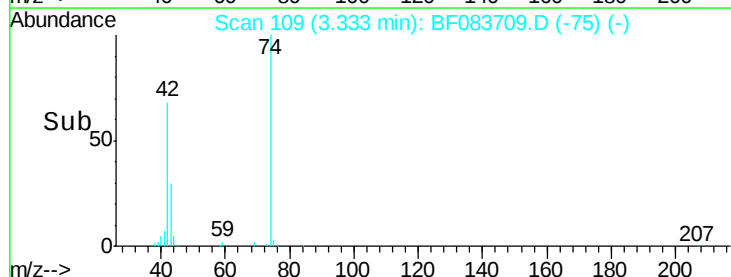
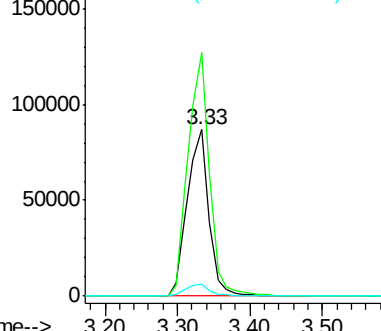
44 7.6 5.7 8.5

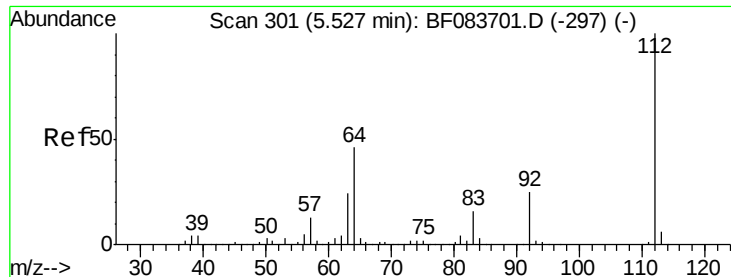


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 104.32 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

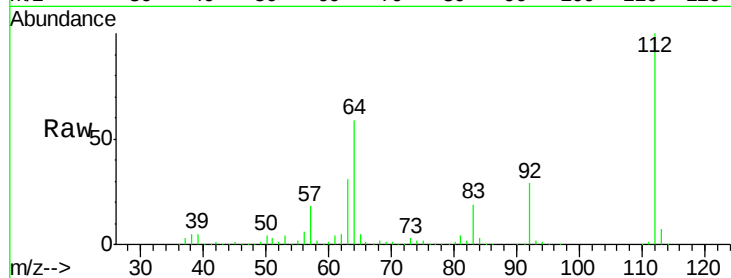
Instrument :

BNA_F

ClientSampleId :

PB87192BS

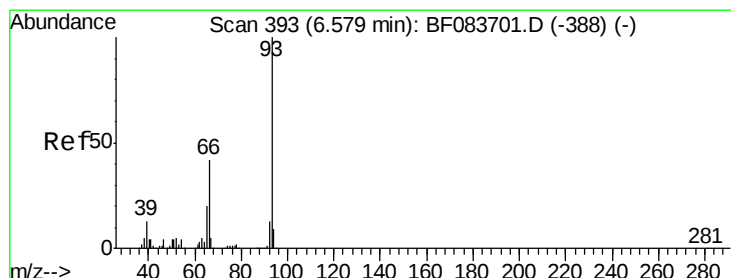
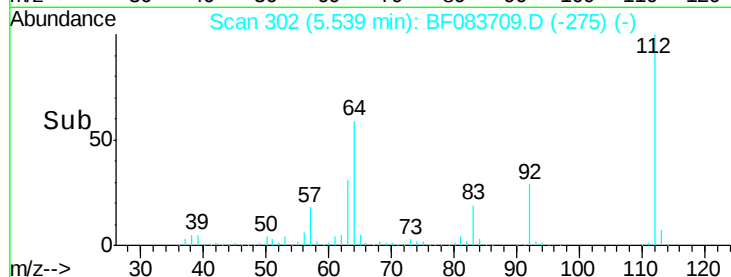
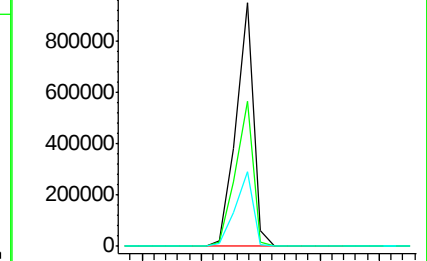
Tgt Ion:	112	Resp:	970042
Ion	Ratio	Lower	Upper
112	100		
64	59.4	50.5	75.7
63	30.8	25.8	38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.72 ng

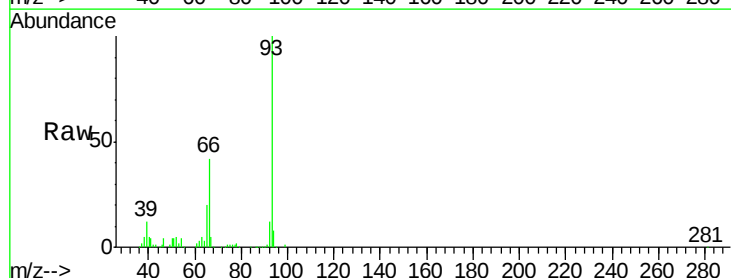
RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

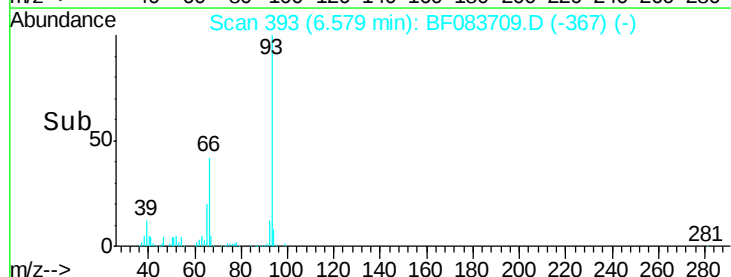
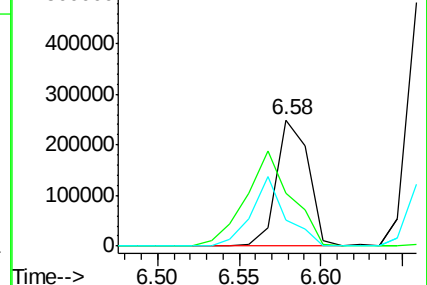
Tgt Ion:	93	Resp:	341540
Ion	Ratio	Lower	Upper
93	100		
66	41.8	41.3	61.9
65	20.2	20.8	31.2#

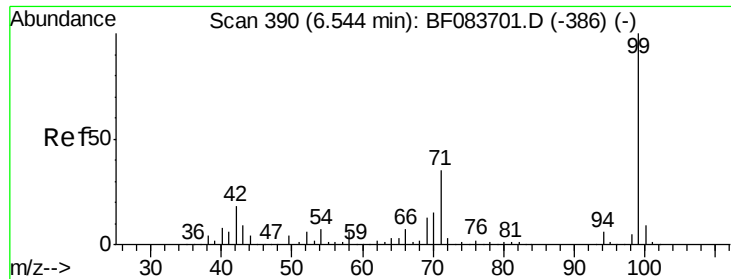


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.50 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

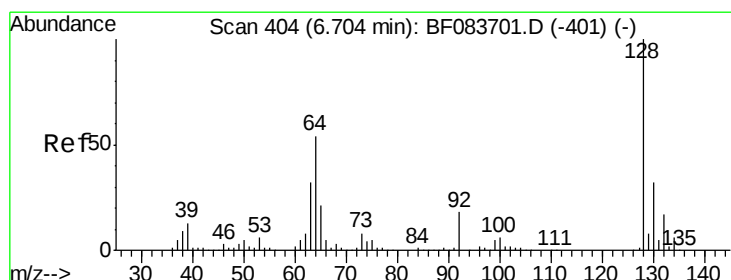
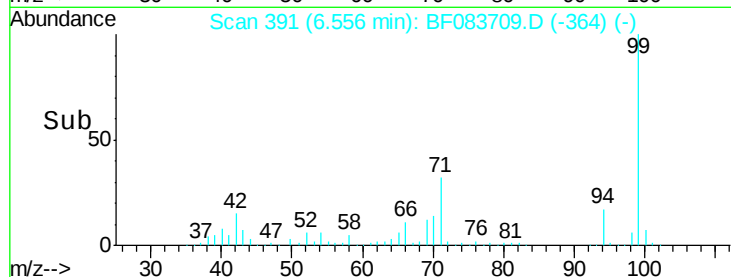
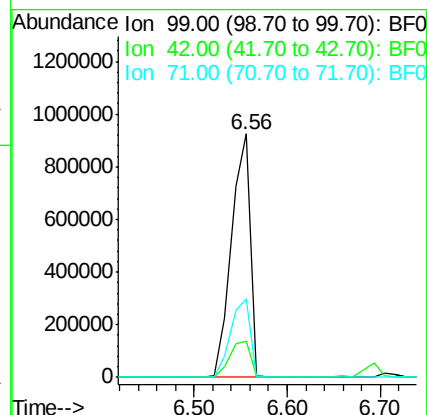
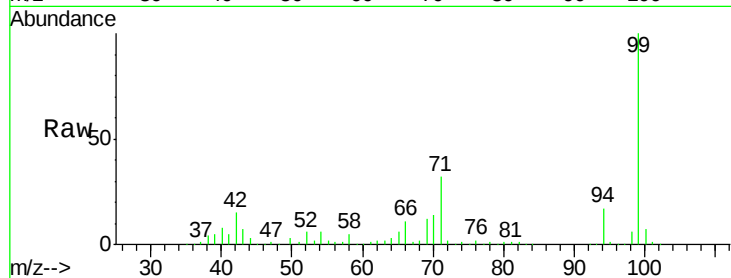
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Tgt Ion: 99 Resp: 1303472

Ion	Ratio	Lower	Upper
99	100		
42	14.6	17.3	25.9#
71	32.4	26.6	40.0



#8

2-Chlorophenol

Concen: 37.22 ng

RT: 6.72 min Scan# 405

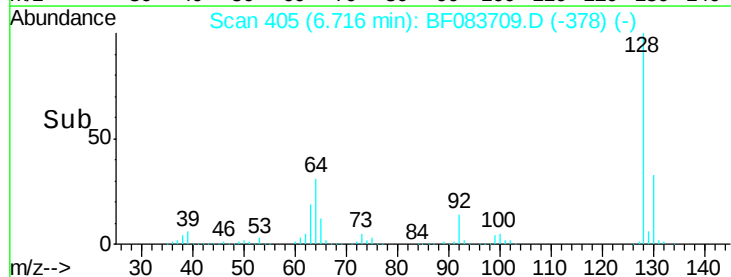
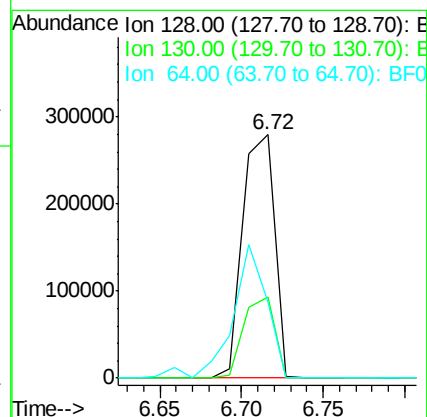
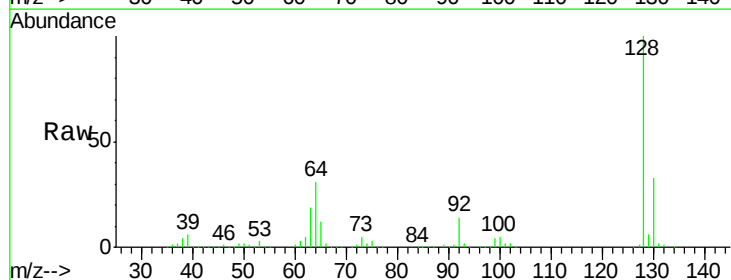
Delta R.T. 0.01 min

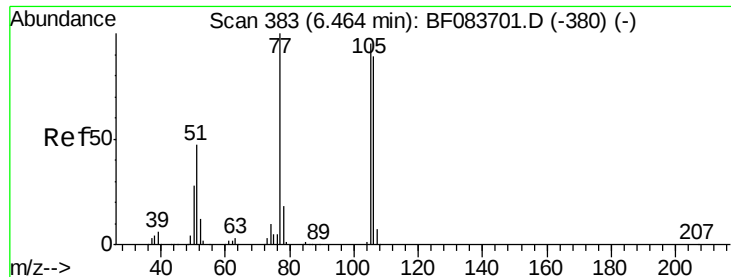
Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion: 128 Resp: 378179

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.6	52.6
64	31.1	38.6	78.6#





#9

Benzaldehyde

Concen: 31.71 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

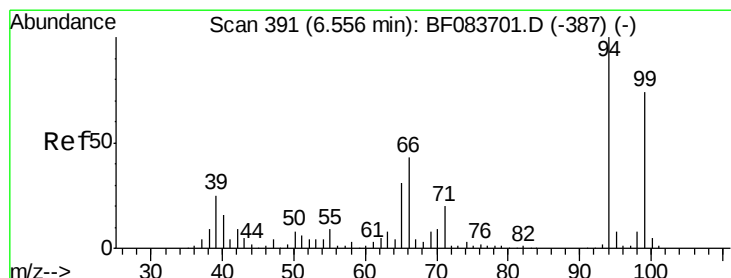
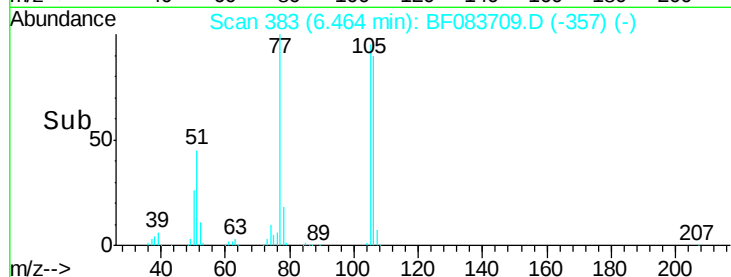
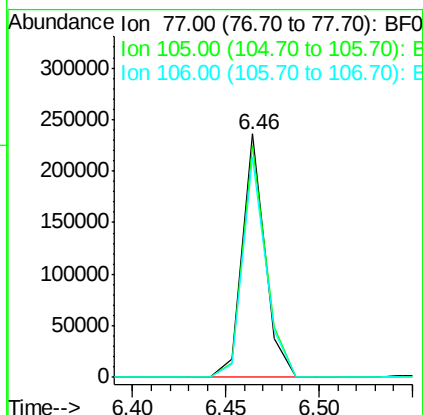
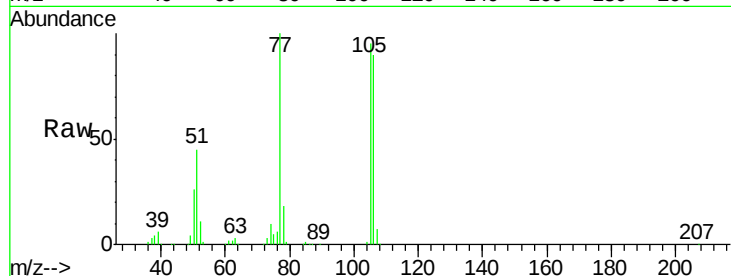
Tgt Ion: 77 Resp: 200572

Ion Ratio Lower Upper

77 100

105 95.2 71.8 111.8

106 90.4 66.8 106.8



#10

Phenol

Concen: 39.44 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

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Acq: 11 Dec 2015 21:56

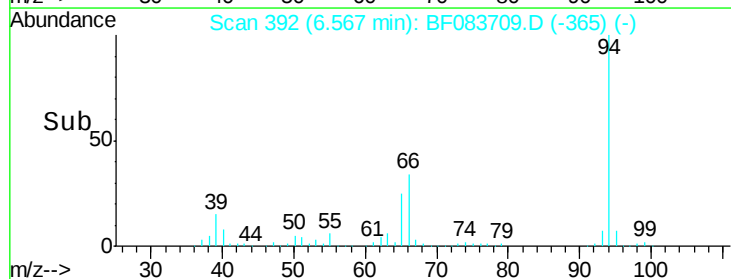
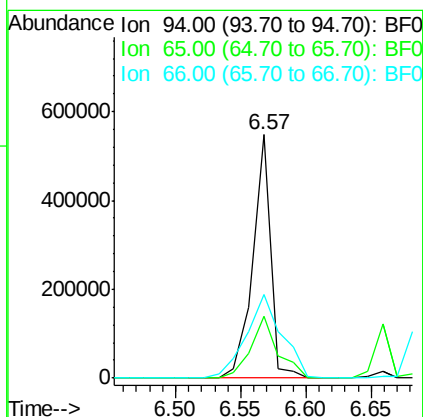
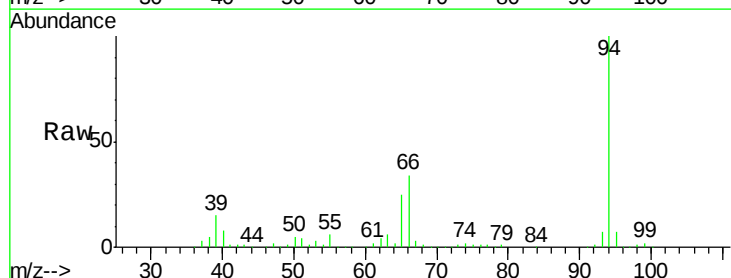
Tgt Ion: 94 Resp: 526112

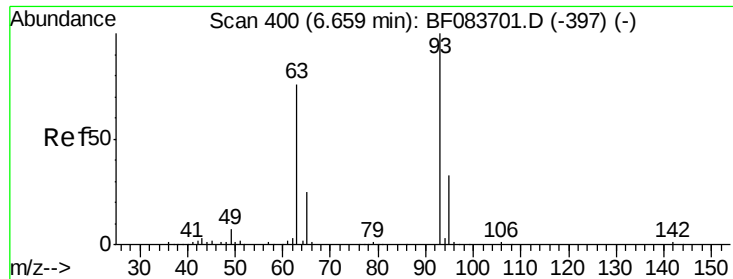
Ion Ratio Lower Upper

94 100

65 25.3 20.9 60.9

66 34.4 41.6 81.6#

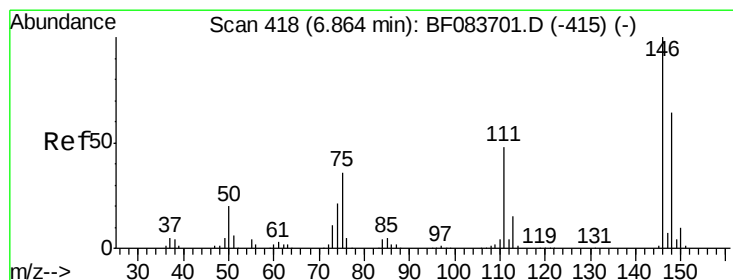
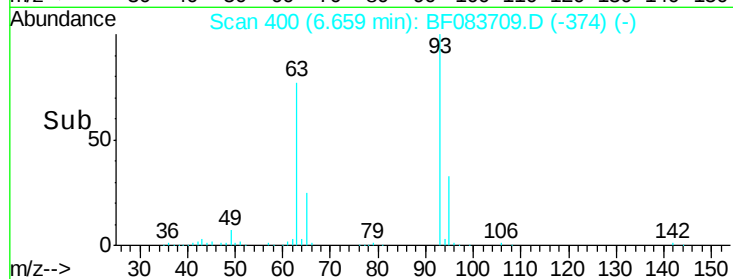
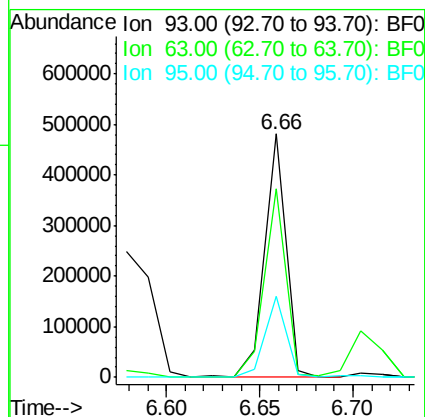
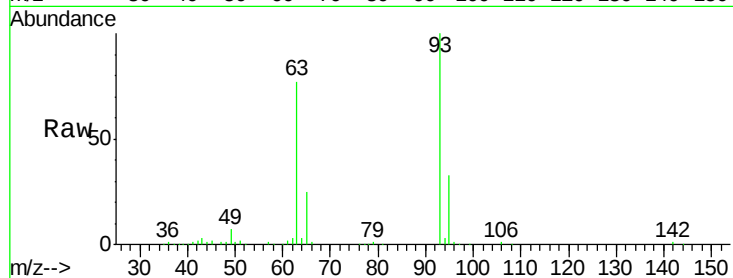




#11
 bis(2-Chloroethyl)ether
 Concen: 38.50 ng
 RT: 6.66 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

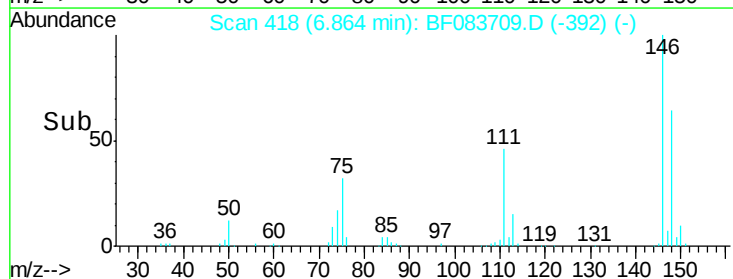
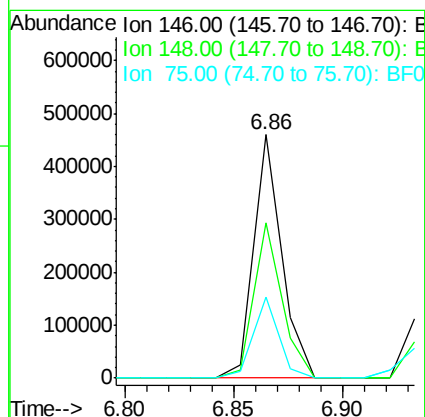
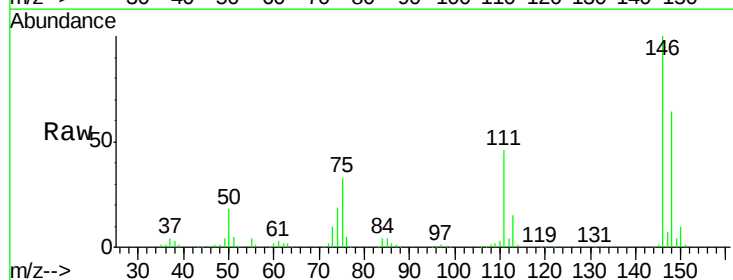
Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

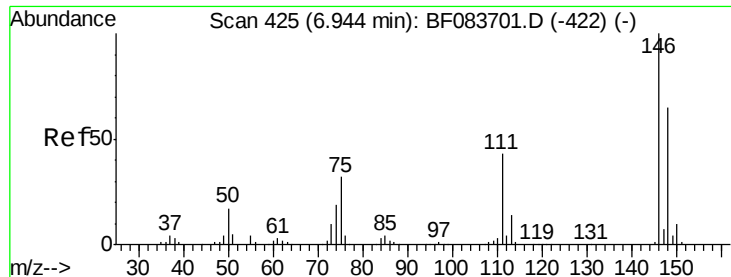
Tgt Ion: 93 Resp: 374936
 Ion Ratio Lower Upper
 93 100
 63 77.3 64.7 104.7
 95 33.2 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 36.57 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion: 146 Resp: 410188
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.3 76.9
 75 33.4 24.1 36.1

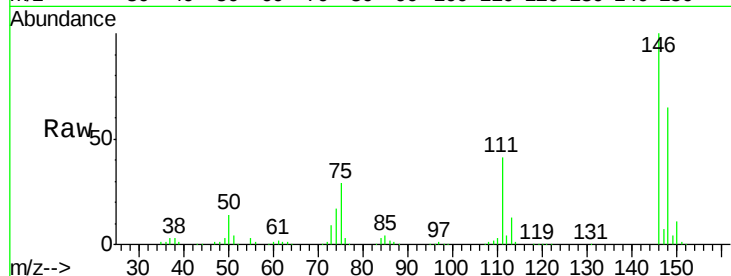




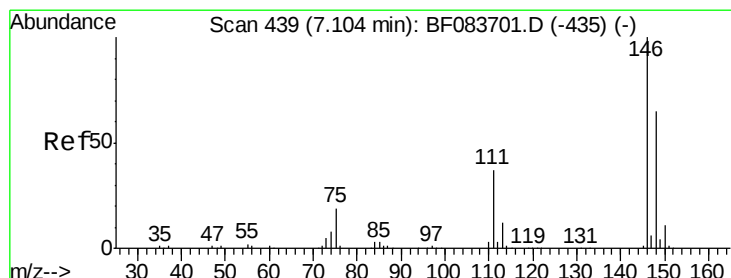
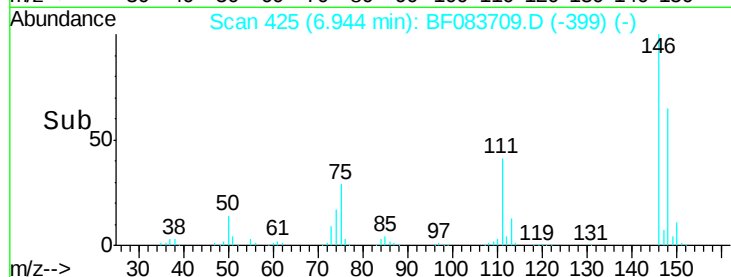
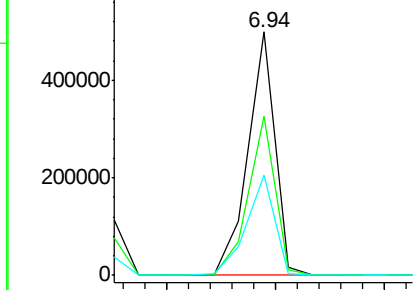
#13
 1,4-Dichlorobenzene
 Concen: 37.91 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tgt Ion:146 Resp: 429502
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.6 76.0
 111 41.2 36.1 54.1

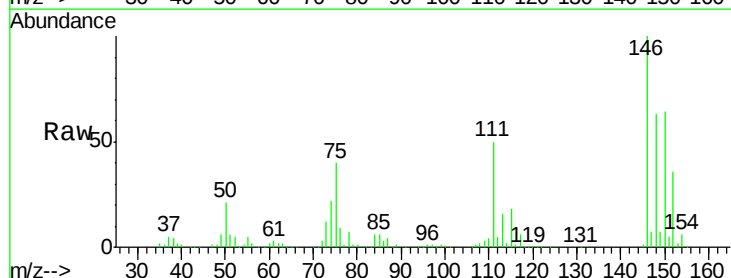


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

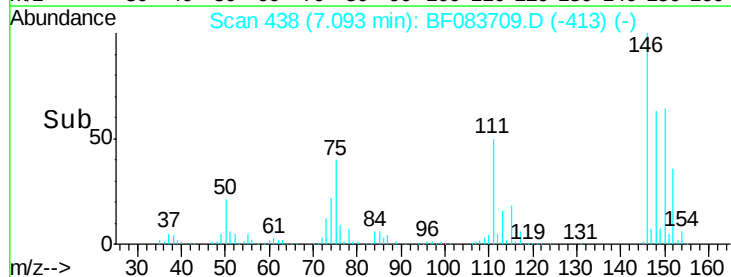
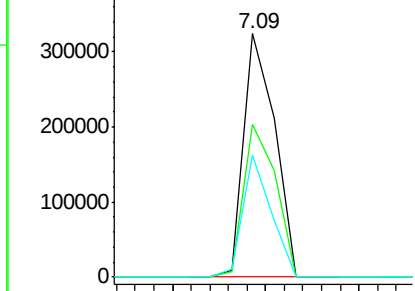


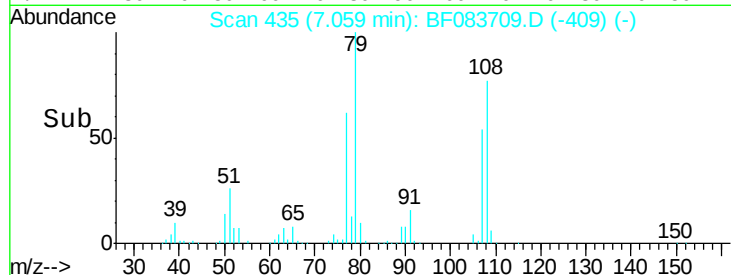
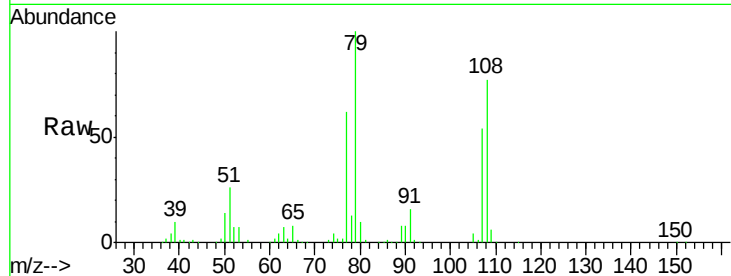
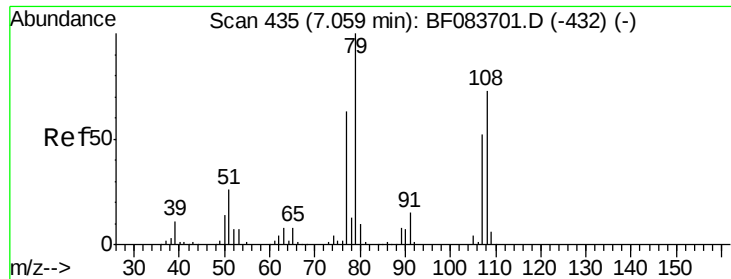
#14
 1,2-Dichlorobenzene
 Concen: 36.02 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion:146 Resp: 375235
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.0
 111 50.0 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: 39.63 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

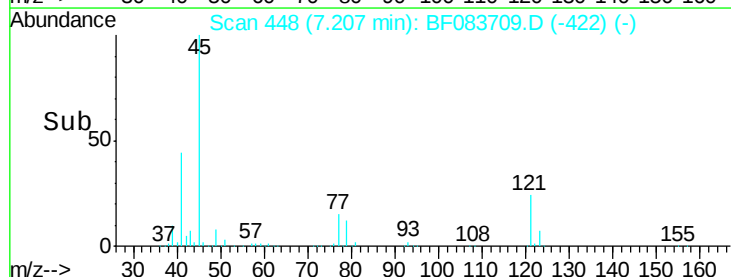
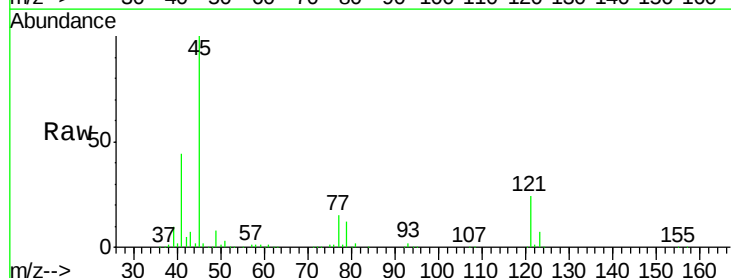
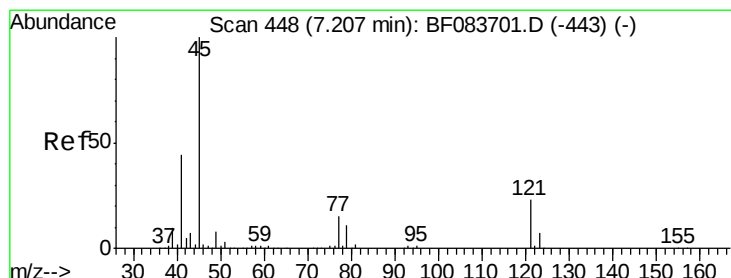
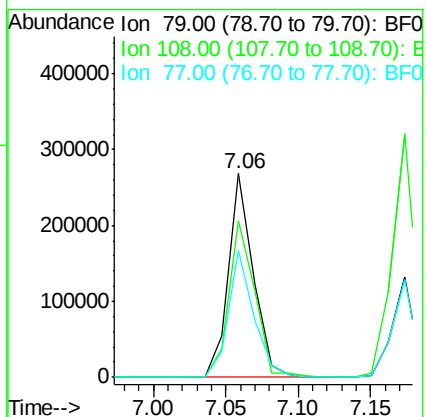
Tgt Ion: 79 Resp: 319716

Ion Ratio Lower Upper

79 100

108 76.9 59.6 89.4

77 62.4 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.92 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

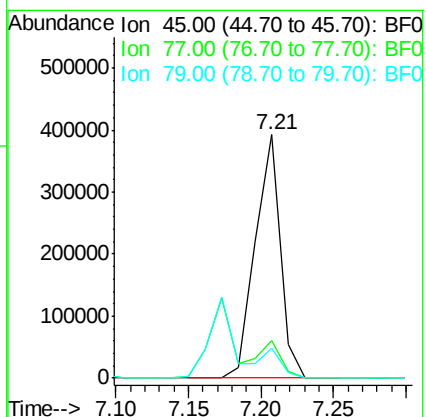
Tgt Ion: 45 Resp: 470844

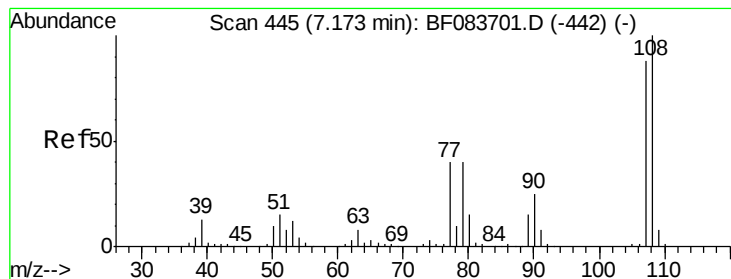
Ion Ratio Lower Upper

45 100

77 15.3 12.8 52.8

79 12.2 10.7 50.7

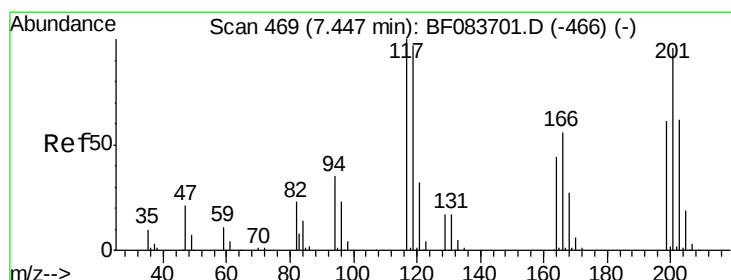
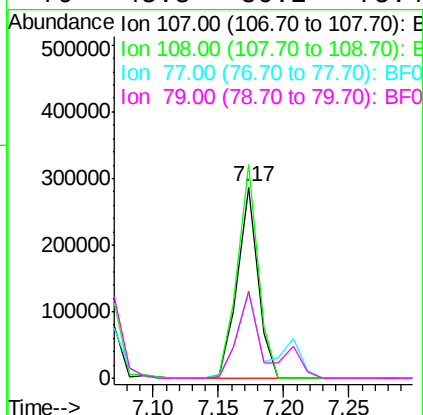
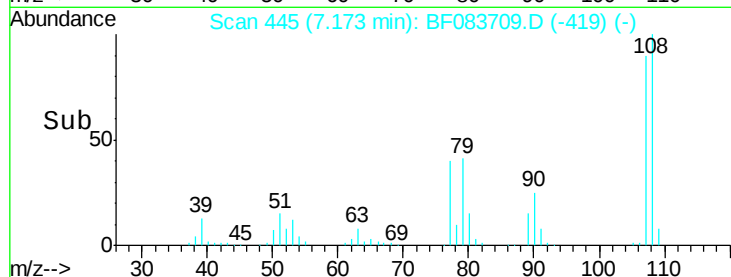
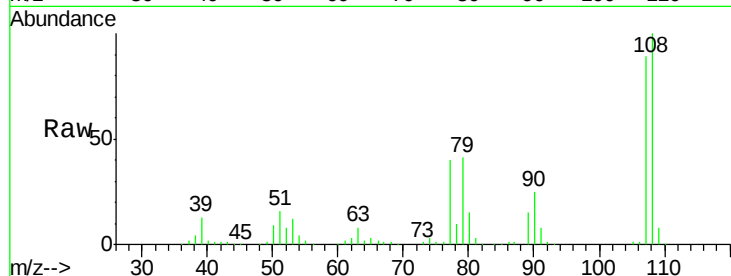




#17
2-Methylphenol
Concen: 38.43 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

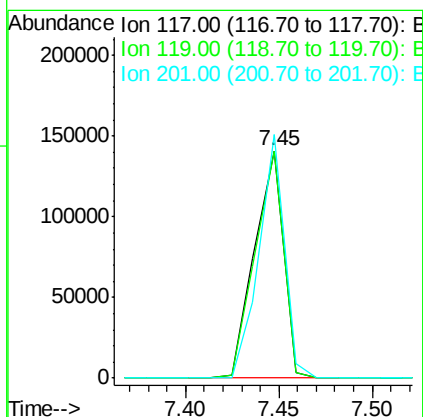
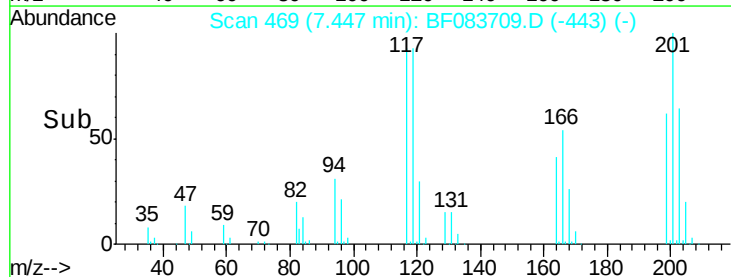
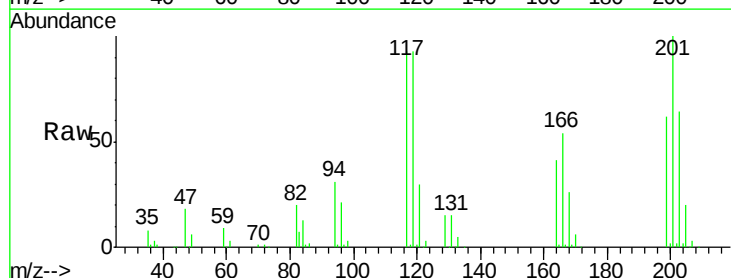
Instrument :
BNA_F
ClientSampleId :
PB87192BS

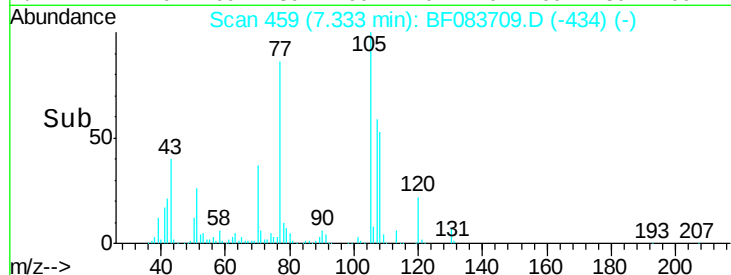
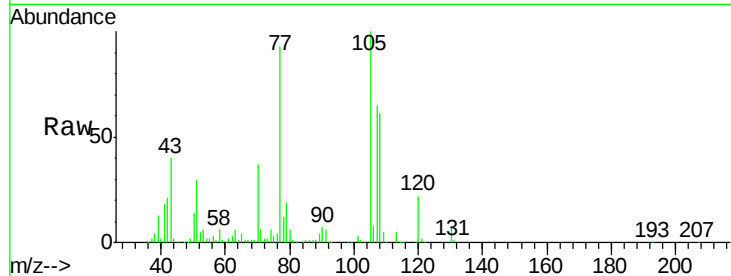
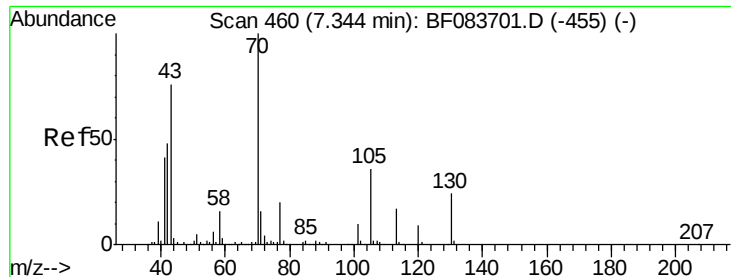
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.6	137.4
77	44.8	53.7	80.5#
79	45.8	50.2	75.4#



#18
Hexachloroethane
Concen: 39.37 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	77.2	115.8
201	107.2	86.8	130.2

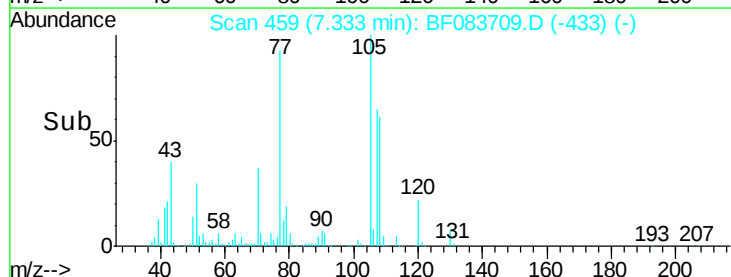
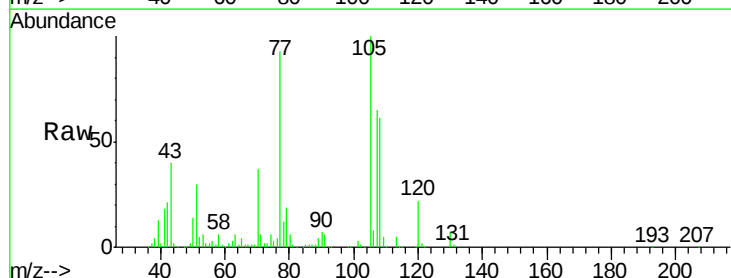
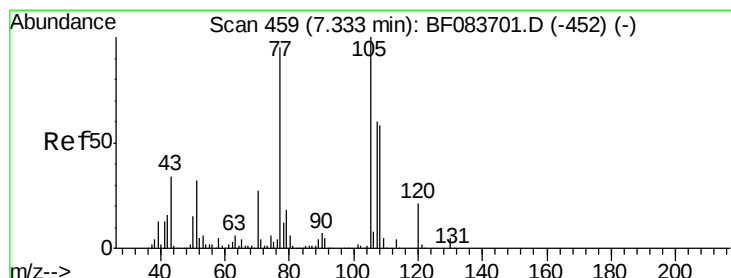
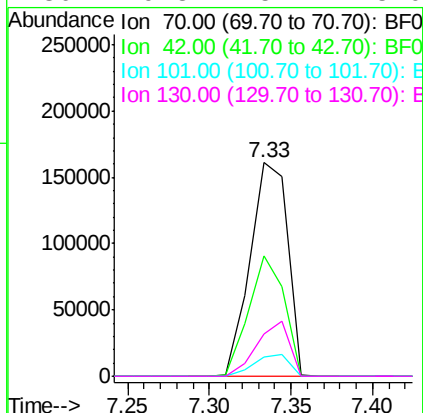




#19
n-Nitroso-di-n-propylamine
Concen: 38.27 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

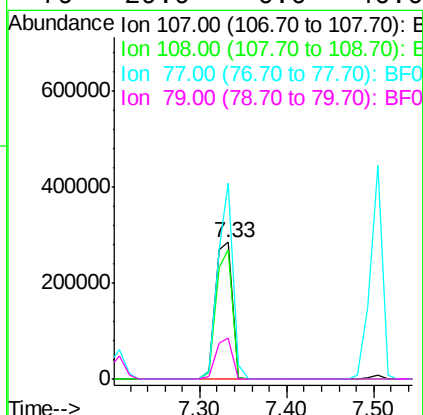
Instrument :
BNA_F
ClientSampleId :
PB87192BS

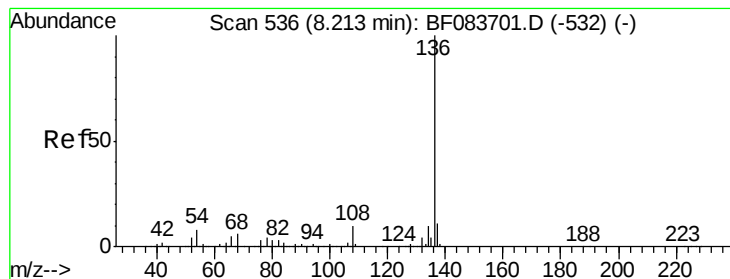
Tgt Ion:	70	Resp:	256159
Ion	Ratio	Lower	Upper
70	100		
42	56.5	49.2	73.8
101	9.2	7.1	10.7
130	19.8	15.4	23.0



#20
3+4-Methylphenols
Concen: 39.20 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion:	107	Resp:	395872
Ion	Ratio	Lower	Upper
107	100		
108	94.1	65.2	105.2
77	143.0	15.2	55.2#
79	29.9	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: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

Tgt Ion:136 Resp: 584965

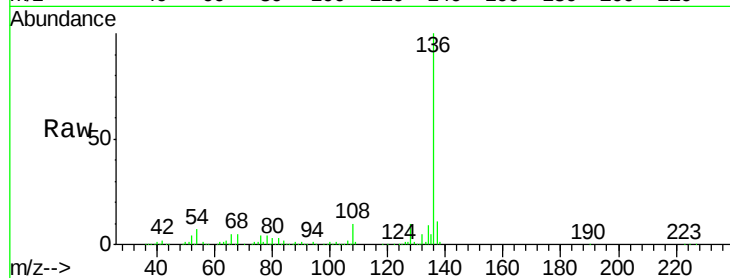
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.7 7.8 11.6#

68 5.3 5.7 8.5#

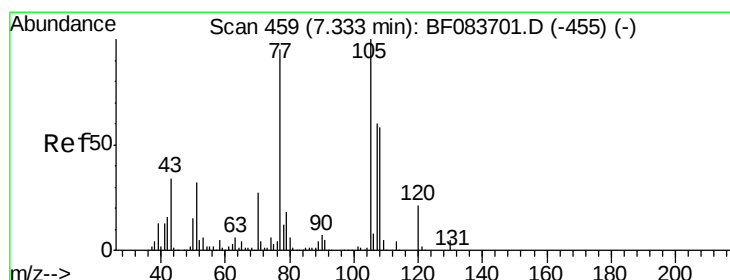
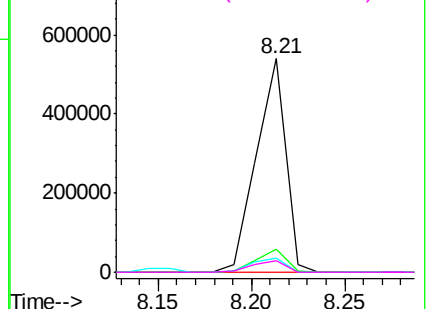
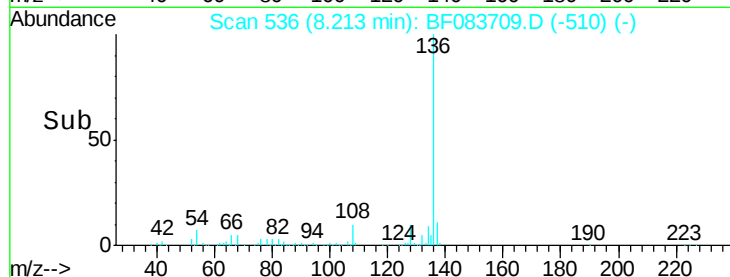


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.74 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion:105 Resp: 499797

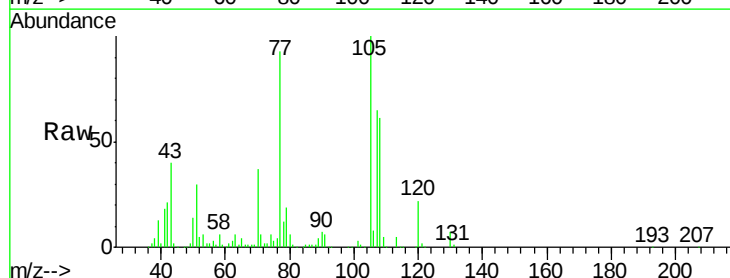
Ion Ratio Lower Upper

105 100

71 6.1 1.3 1.9#

51 29.5 23.8 35.8

120 21.8 16.7 25.1

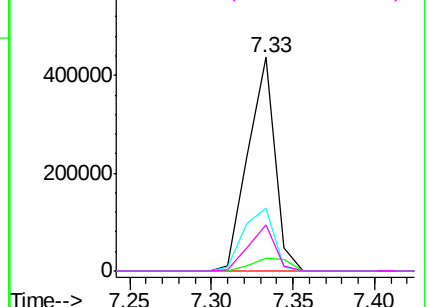
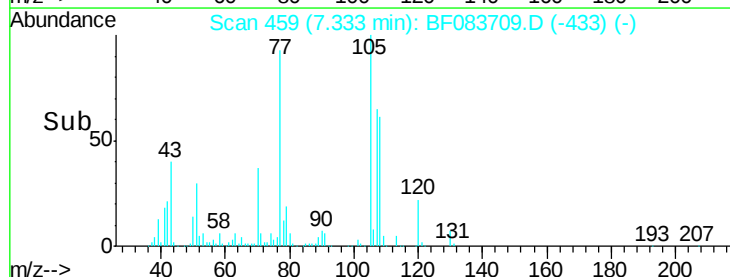


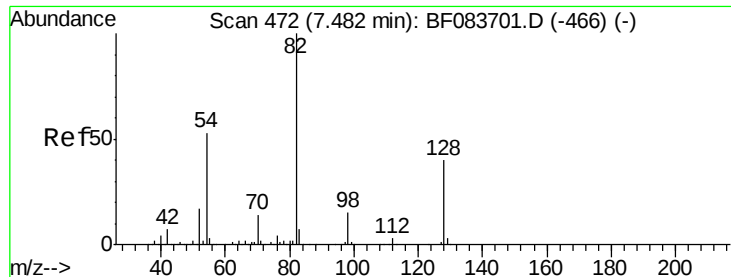
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.96 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

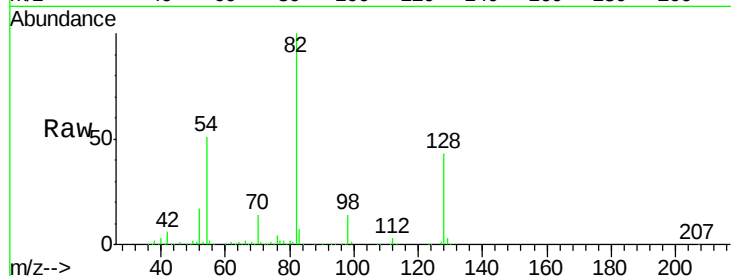
Tgt Ion: 82 Resp: 732801

Ion Ratio Lower Upper

82 100

128 43.2 30.7 46.1

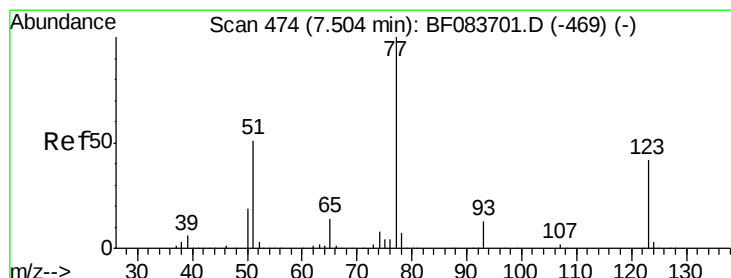
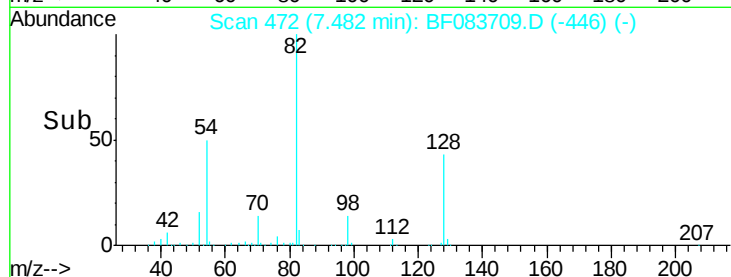
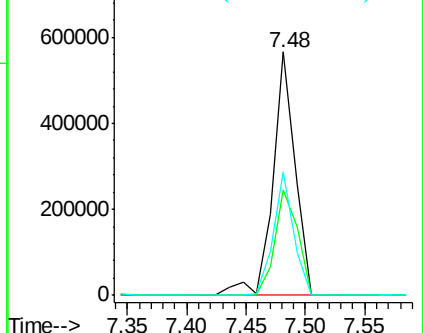
54 50.7 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.33 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

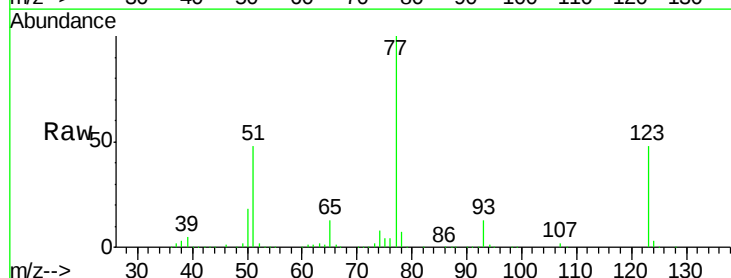
Tgt Ion: 77 Resp: 418139

Ion Ratio Lower Upper

77 100

123 48.3 29.8 44.6#

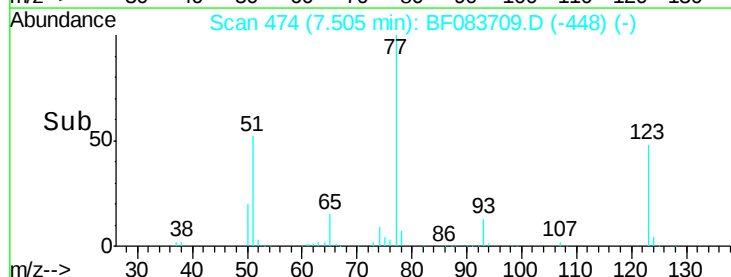
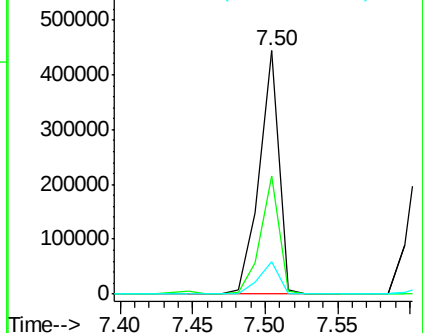
65 13.4 11.1 16.7

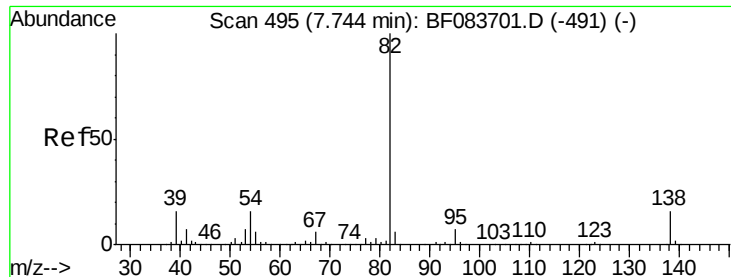


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.10 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

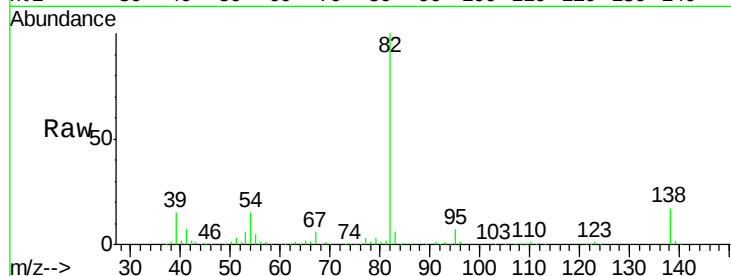
Tgt Ion: 82 Resp: 715287

Ion Ratio Lower Upper

82 100

95 7.0 5.0 7.4

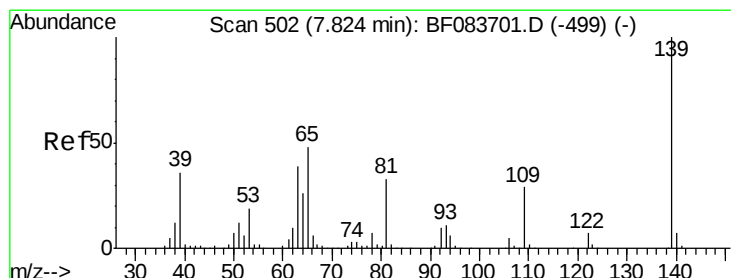
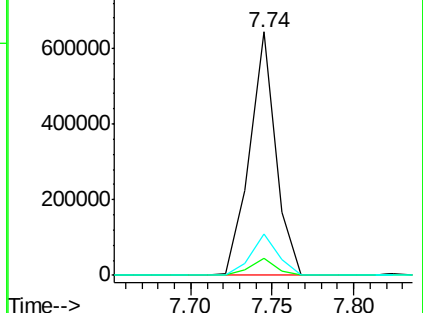
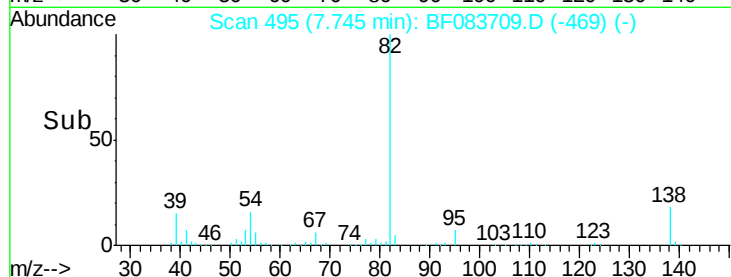
138 17.2 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.88 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

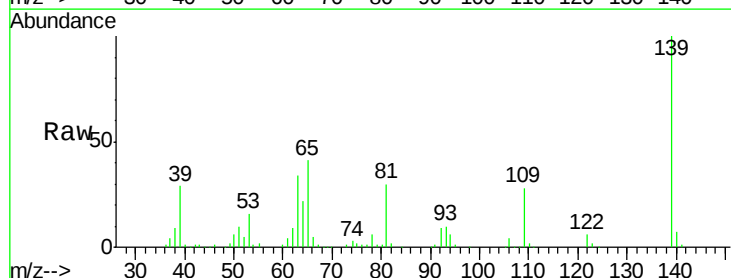
Tgt Ion: 139 Resp: 190276

Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

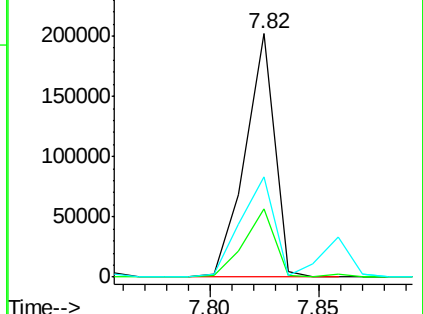
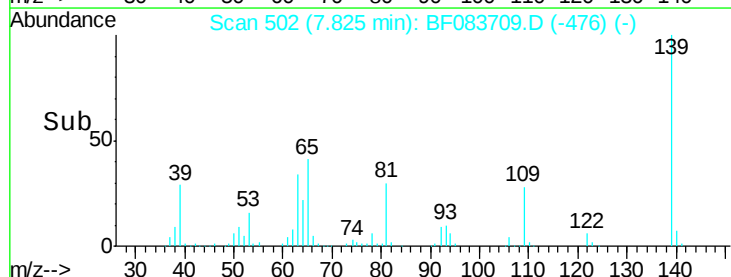
65 41.4 51.8 77.8#

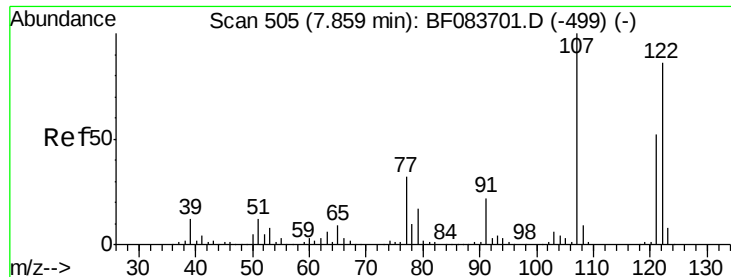


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

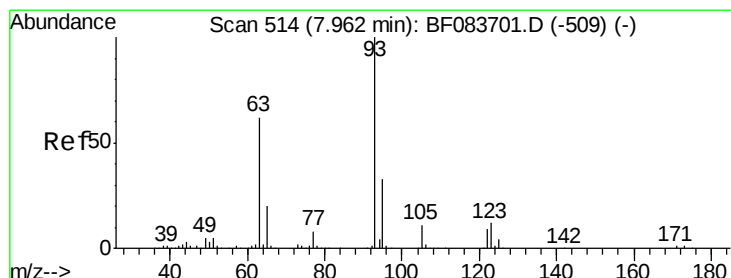
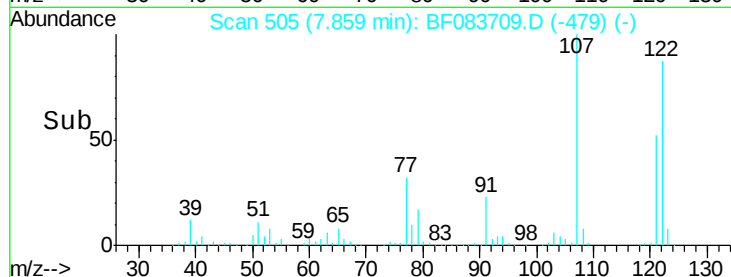
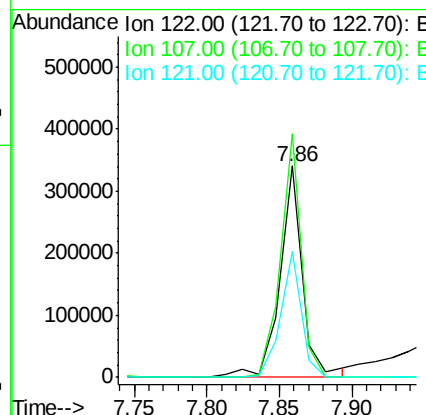
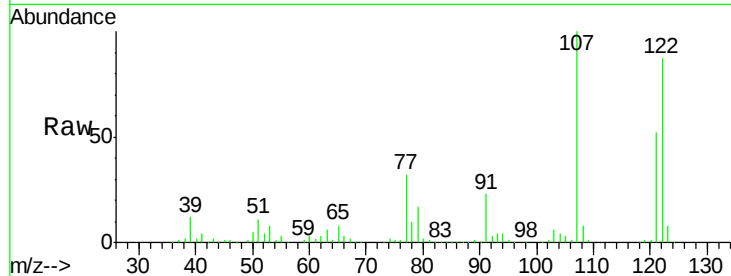




#27
 2,4-Dimethylphenol
 Concen: 37.79 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

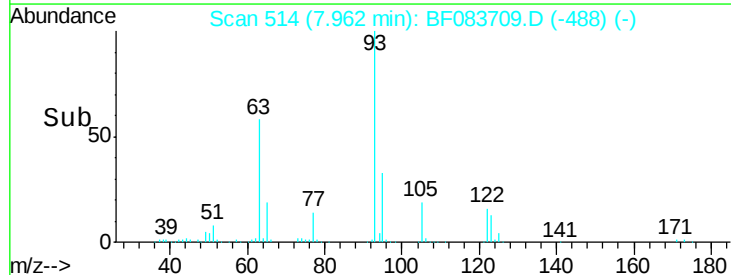
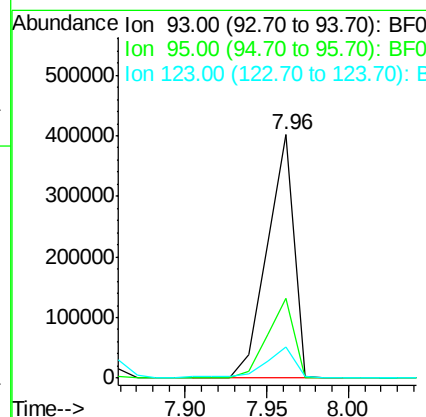
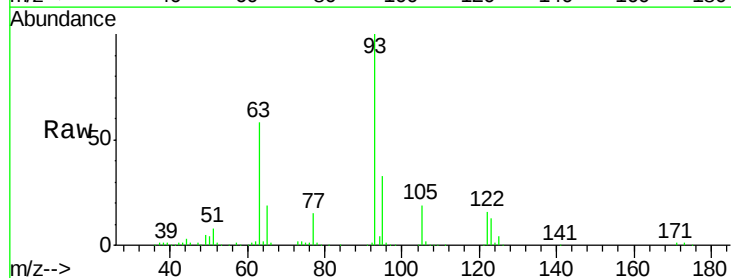
Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

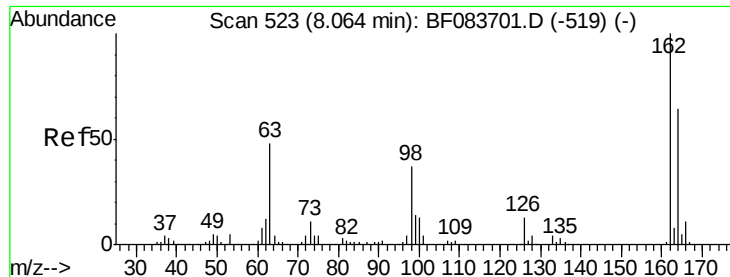
Tgt Ion: 122 Resp: 365321
 Ion Ratio Lower Upper
 122 100
 107 115.2 92.4 138.6
 121 59.7 45.8 68.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.54 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion: 93 Resp: 457914
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.6 38.4
 123 13.0 7.3 10.9#

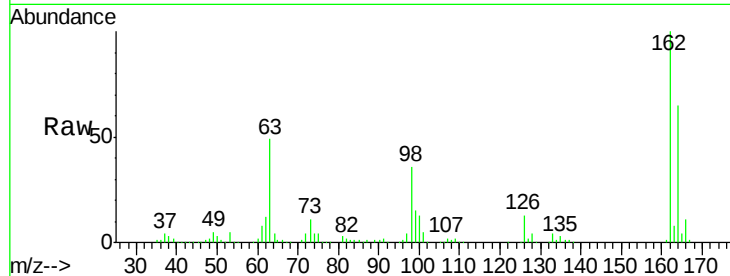




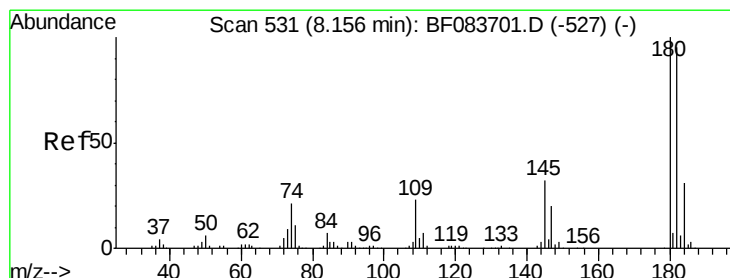
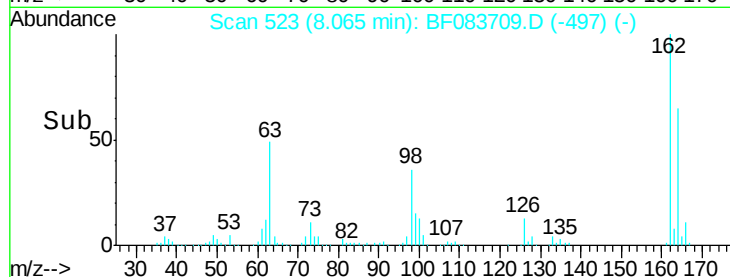
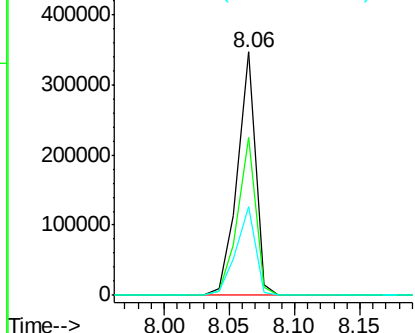
#29
 2,4-Dichlorophenol
 Concen: 41.86 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.4	83.4
98	36.4	17.5	57.5

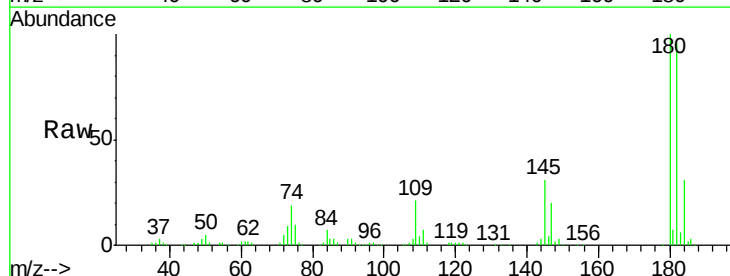


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

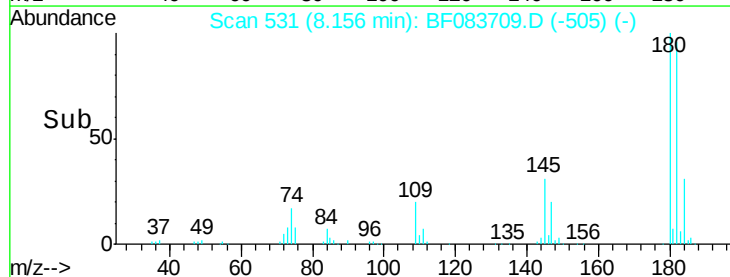
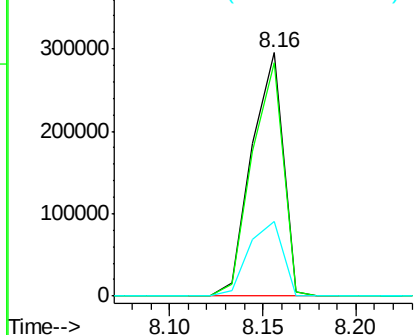


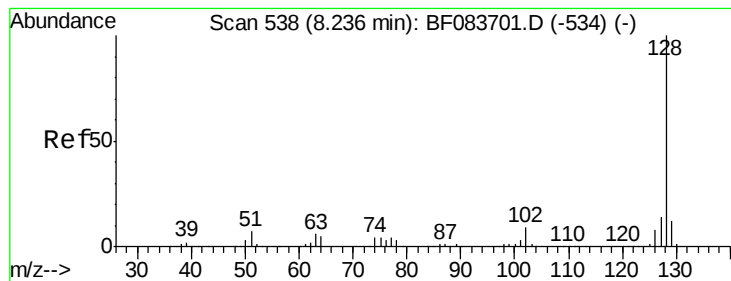
#30
 1,2,4-Trichlorobenzene
 Concen: 38.88 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.9	112.3
145	30.8	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: 39.42 ng

RT: 8.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

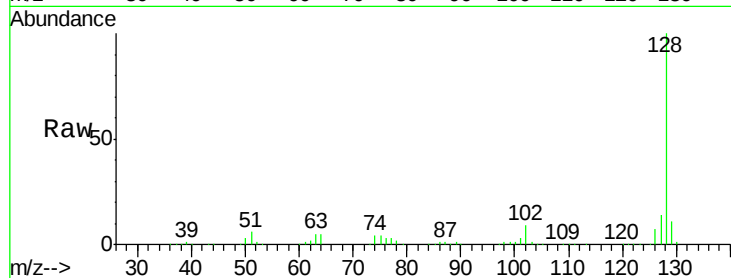
Tgt Ion:128 Resp: 1138357

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

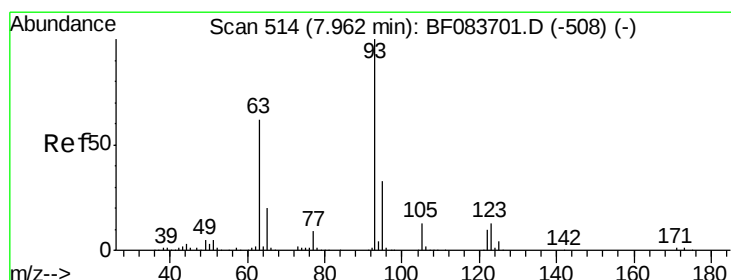
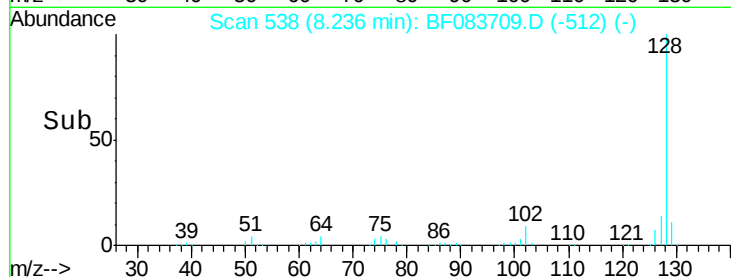
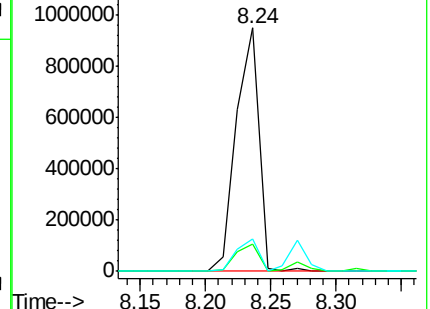
127 13.6 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.66 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

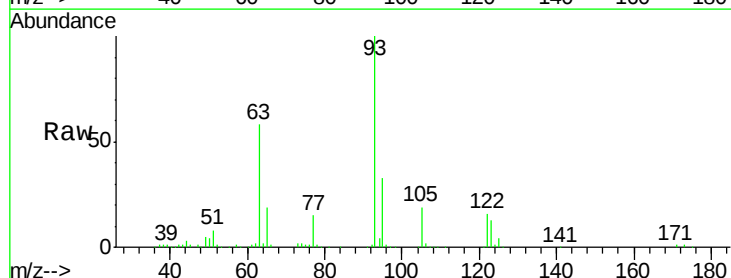
Tgt Ion:122 Resp: 198222

Ion Ratio Lower Upper

122 100

105 123.2 105.6 145.6

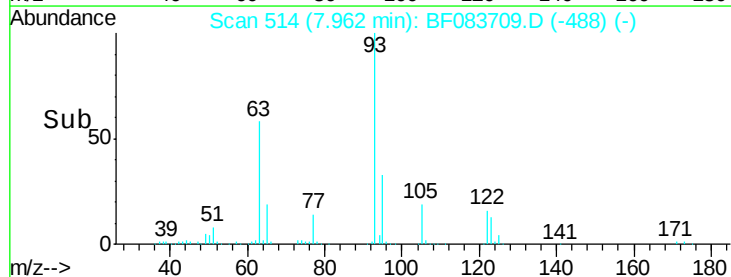
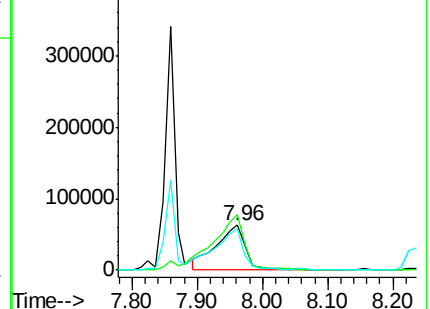
77 93.3 86.8 126.8

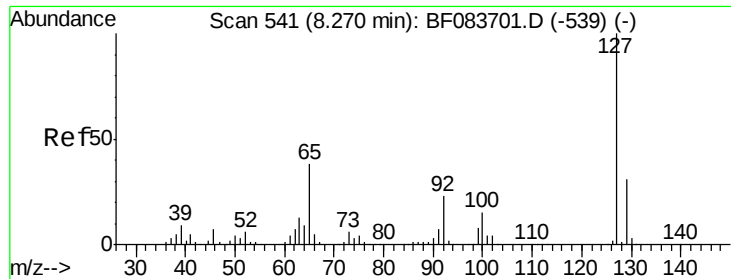


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

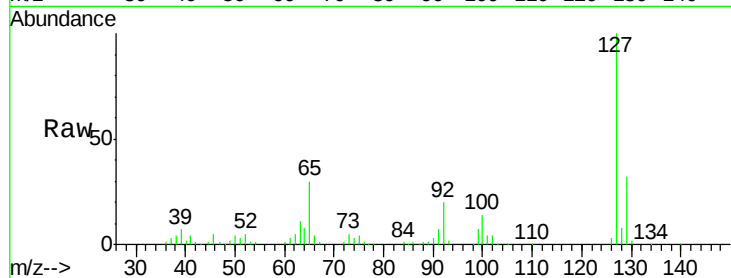




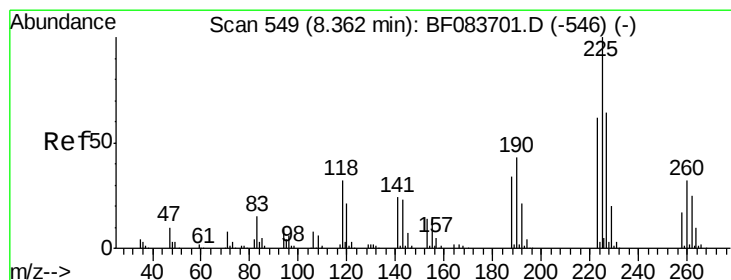
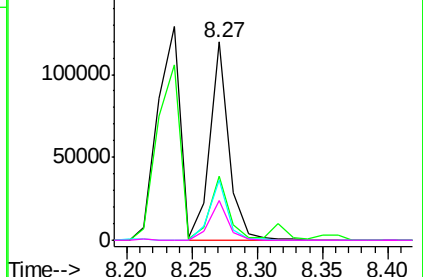
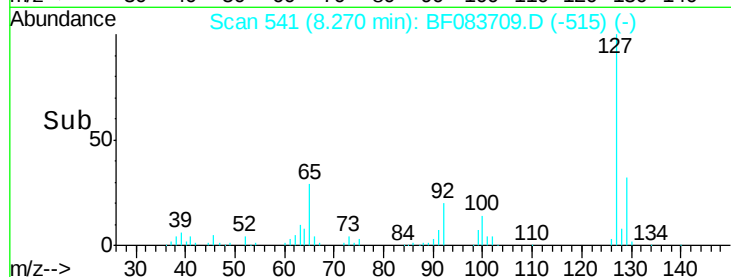
#33
4-Chloroaniline
Concen: 10.14 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tgt Ion:	127	Resp:	121783
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	30.2	33.5	50.3#
92	20.3	18.6	28.0

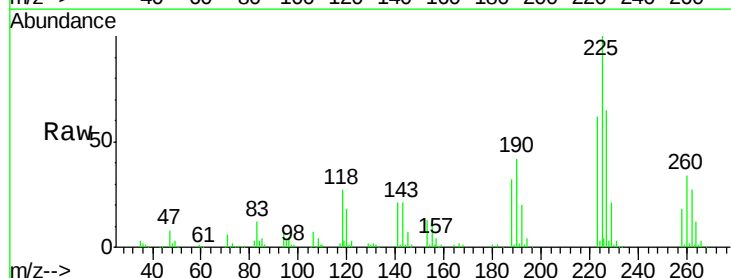


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

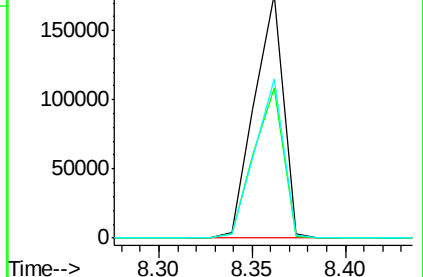
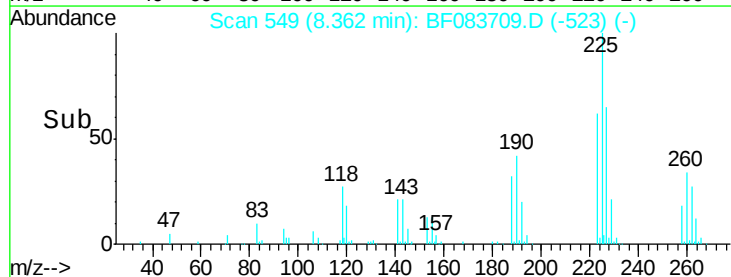


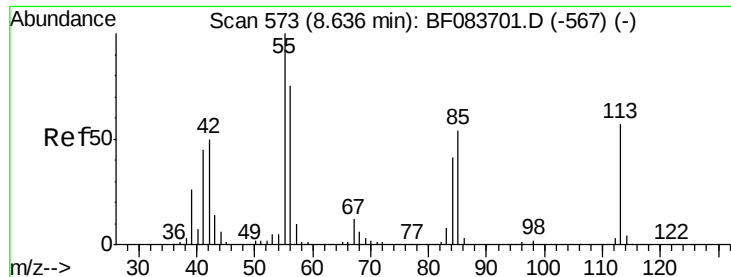
#34
Hexachlorobutadiene
Concen: 38.50 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion:	225	Resp:	189593
Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.3	78.5
227	65.2	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

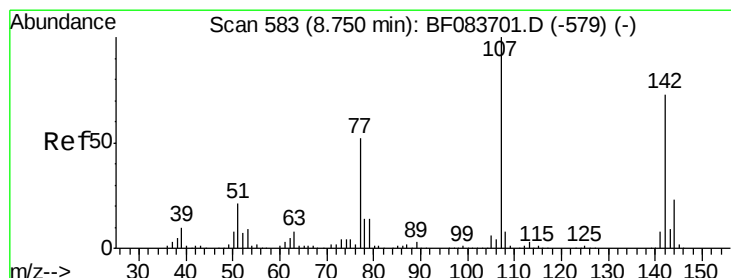
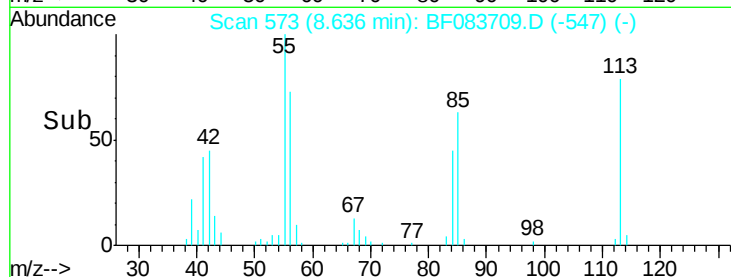
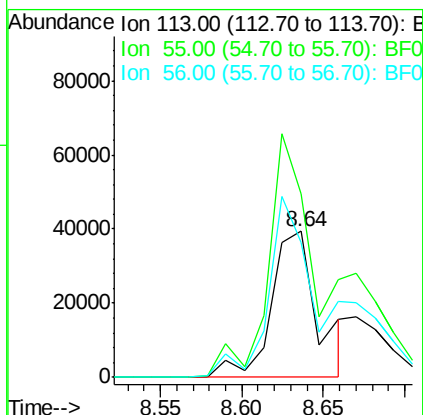
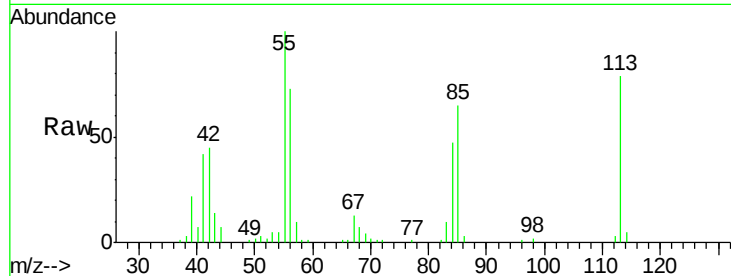




#35
 Caprolactam
 Concen: 30.61 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

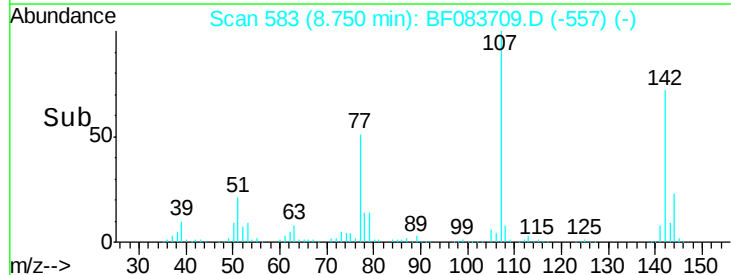
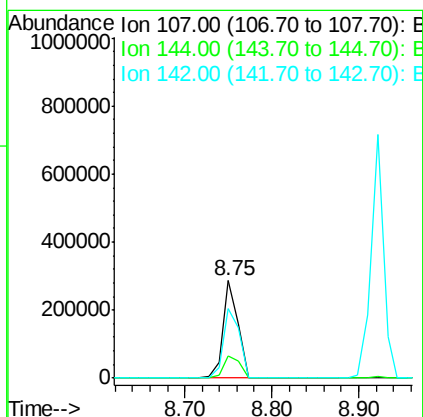
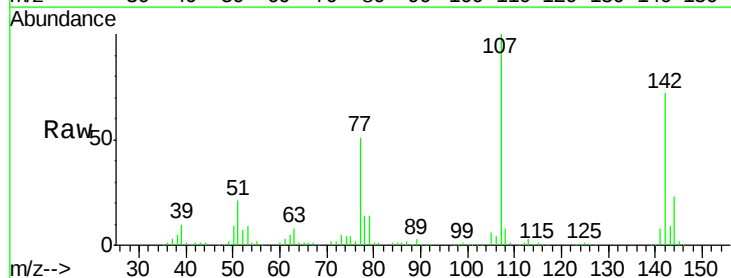
Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

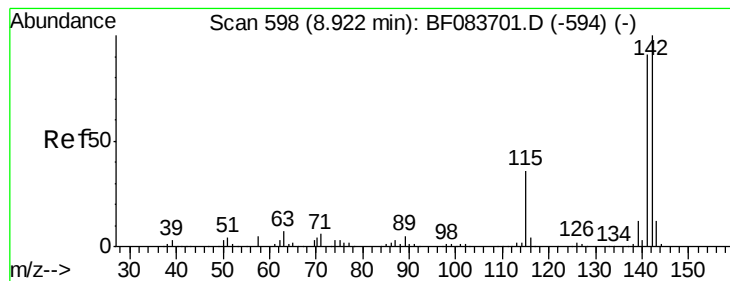
Tgt Ion:113 Resp: 78658
 Ion Ratio Lower Upper
 113 100
 55 126.3 189.7 229.7#
 56 92.3 130.7 170.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.38 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion:107 Resp: 344571
 Ion Ratio Lower Upper
 107 100
 144 23.1 17.5 26.3
 142 72.2 53.6 80.4





#37

2-Methylnaphthalene

Concen: 39.00 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

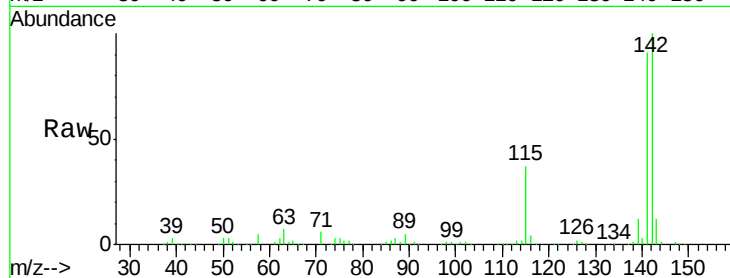
Tgt Ion:142 Resp: 710604

Ion Ratio Lower Upper

142 100

141 91.0 70.3 105.5

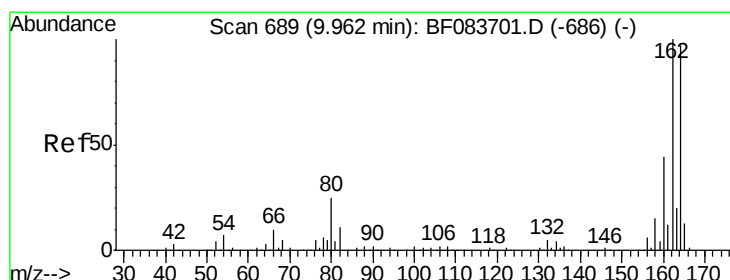
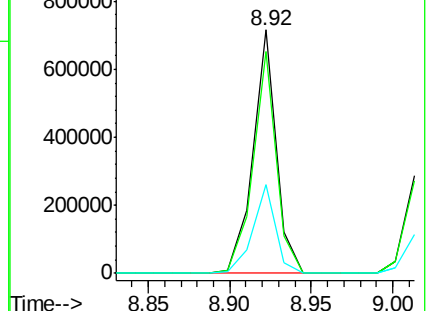
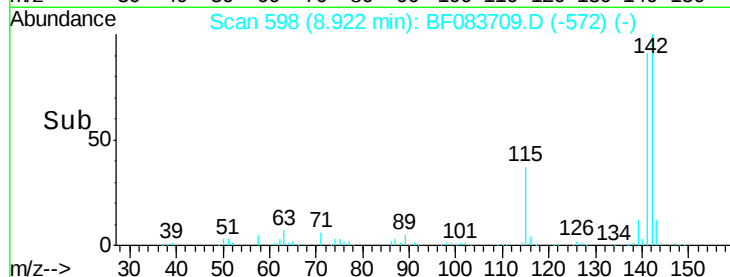
115 36.6 29.2 43.8



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: BF083709.D

Acq: 11 Dec 2015 21:56

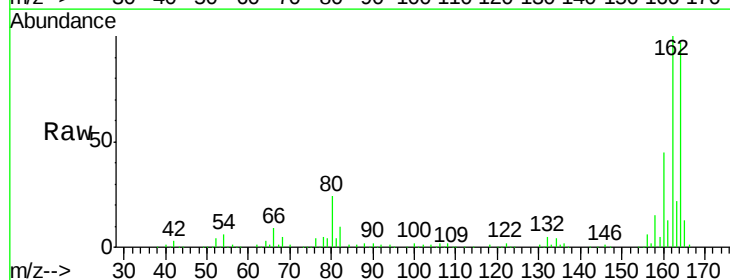
Tgt Ion:164 Resp: 262478

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

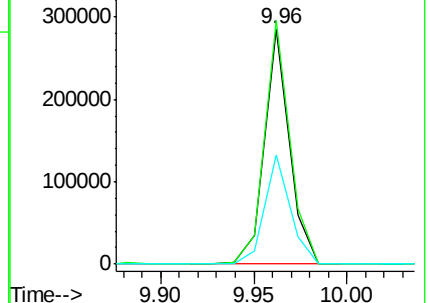
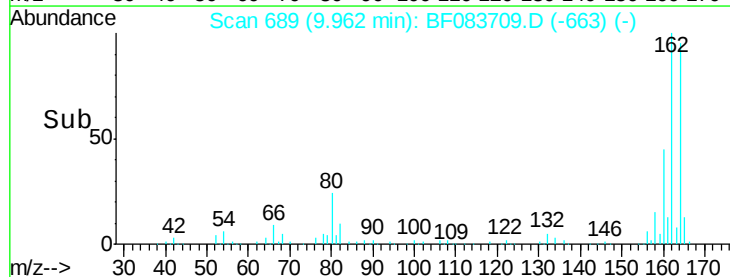
160 46.3 33.4 50.2

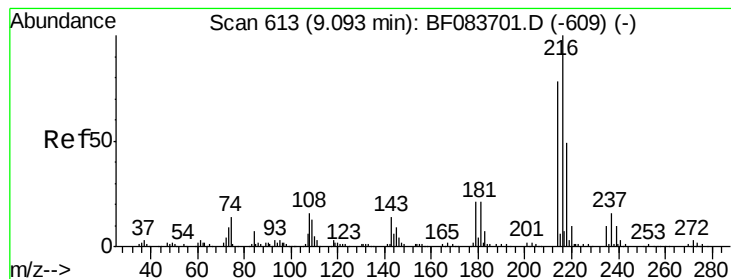


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.35 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

Tgt Ion:216 Resp: 322216

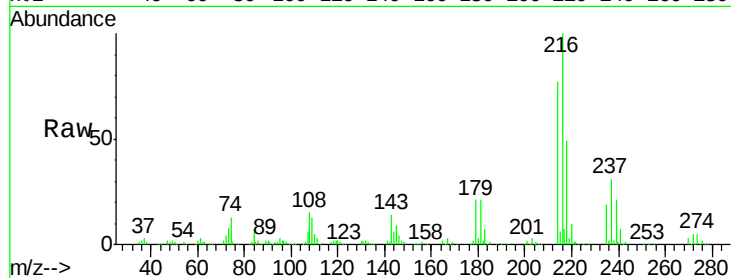
Ion Ratio Lower Upper

216 100

214 77.7 0.0 0.0#

179 22.1 0.0 0.0#

108 21.2 0.0 0.0#

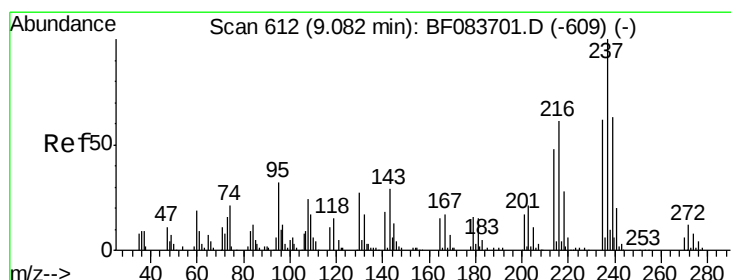
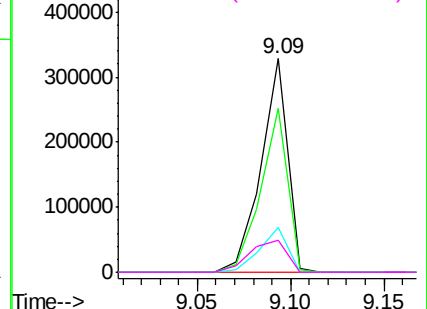
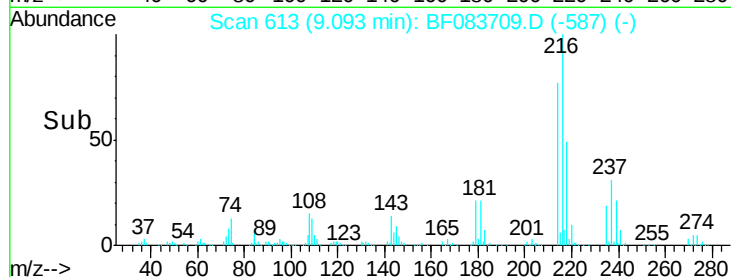


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.28 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

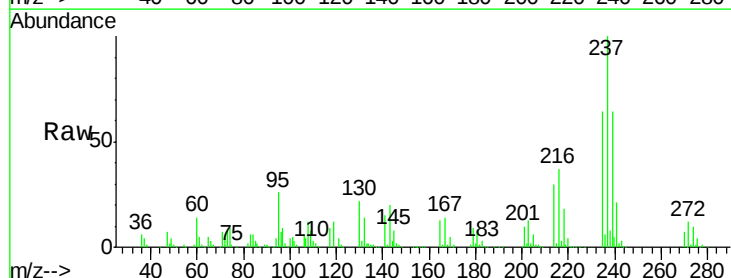
Tgt Ion:237 Resp: 338131

Ion Ratio Lower Upper

237 100

235 64.1 43.9 83.9

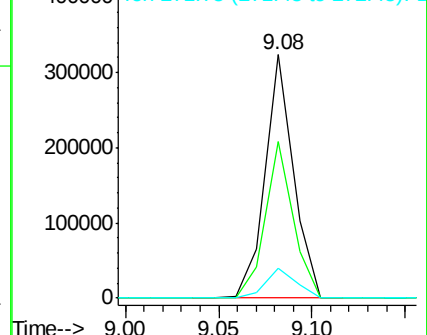
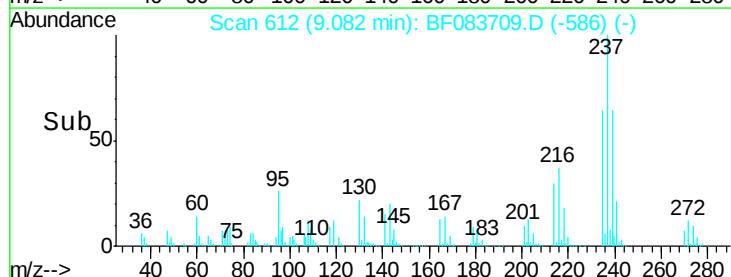
272 12.3 0.0 31.8

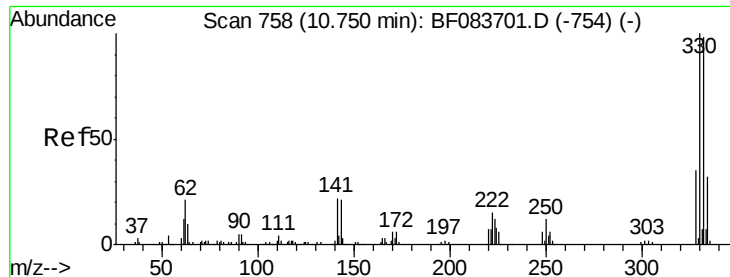


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

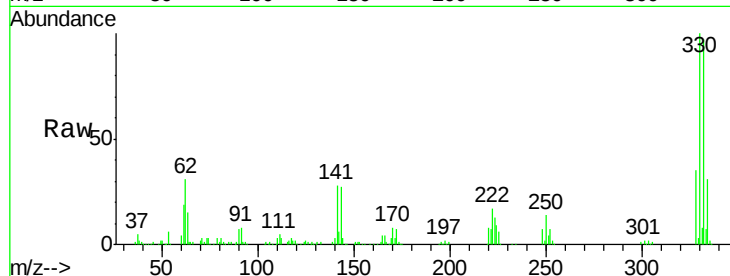




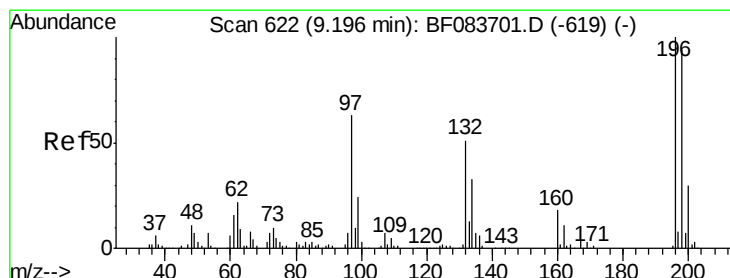
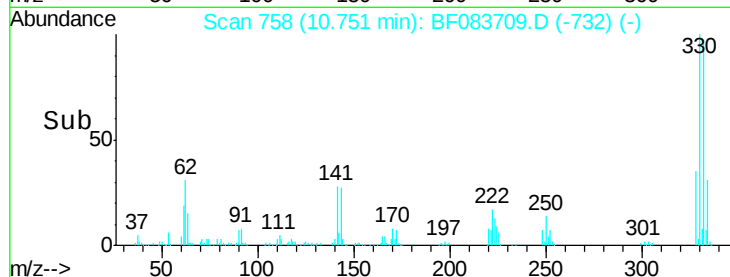
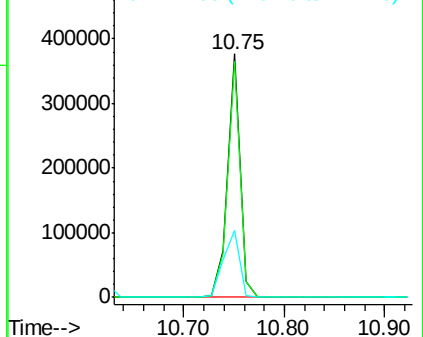
#41
 2,4,6-Tribromophenol
 Concen: 129.50 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	35.2	0.0	0.0#

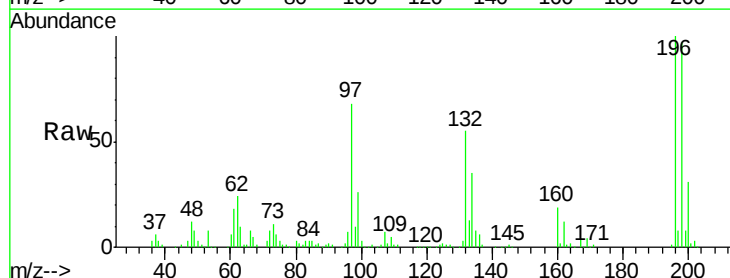


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

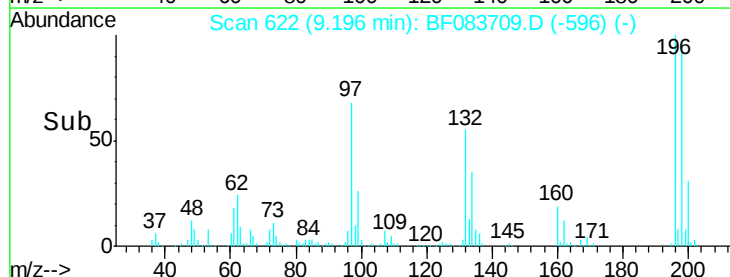
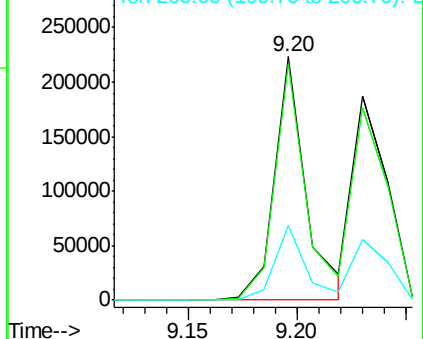


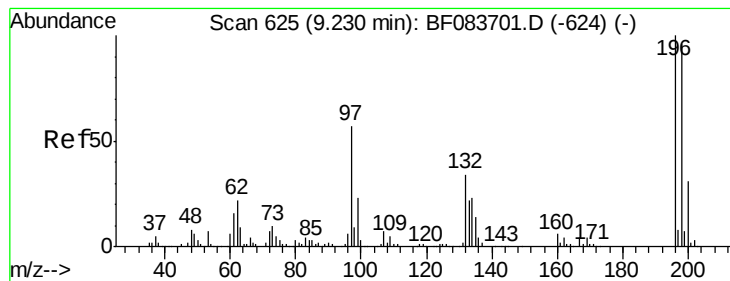
#42
 2,4,6-Trichlorophenol
 Concen: 40.13 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.2	112.8
200	30.9	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

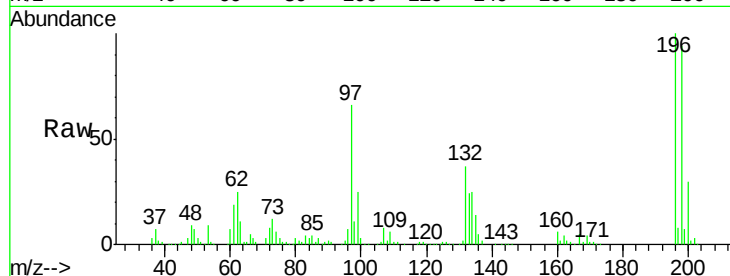




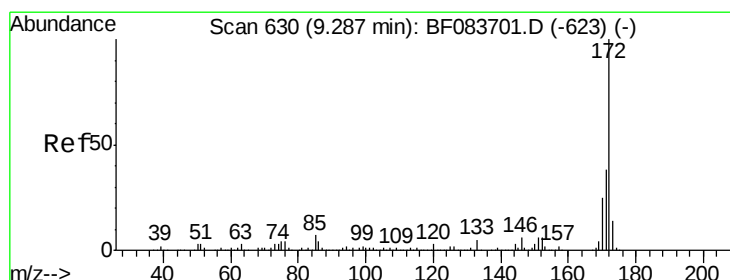
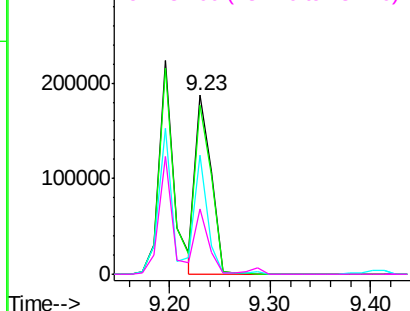
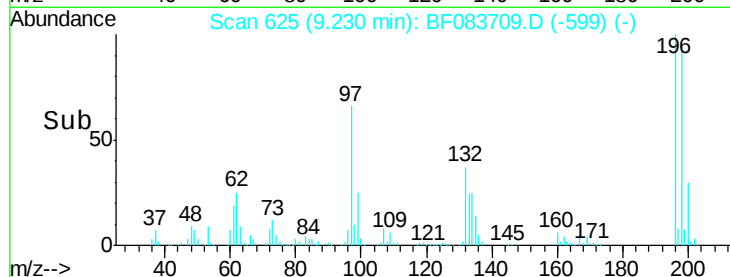
#43
 2,4,5-Trichlorophenol
 Concen: 38.19 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tgt Ion:196 Resp: 206748
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.7 116.5
 97 66.5 41.2 61.8#
 132 36.8 21.8 32.8#

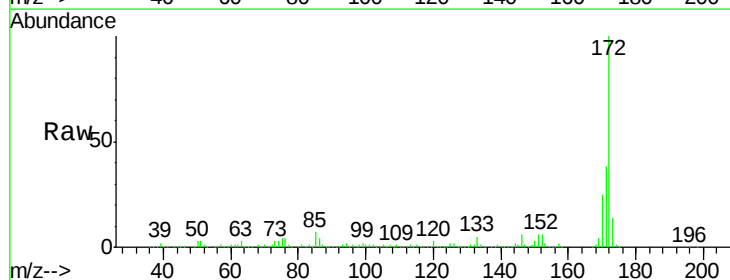


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

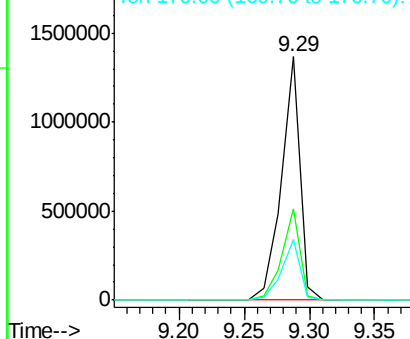
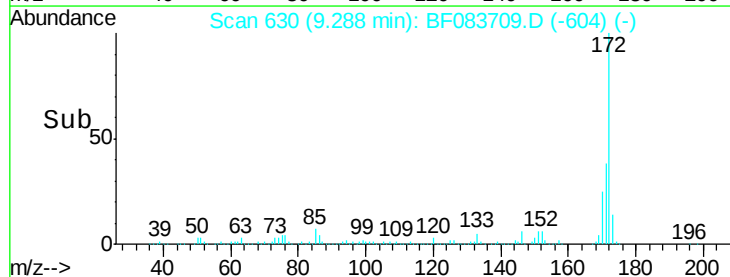


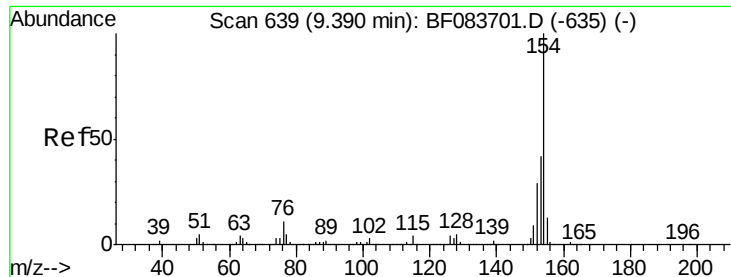
#44
 2-Fluorobiphenyl
 Concen: 76.48 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion:172 Resp: 1362807
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.6 42.8
 170 25.0 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: 38.76 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

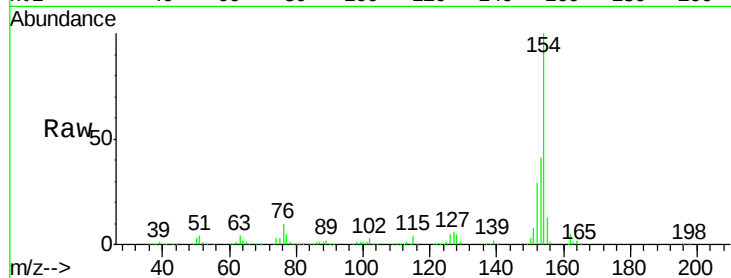
Tgt Ion:154 Resp: 887288

Ion Ratio Lower Upper

154 100

153 41.5 20.2 60.2

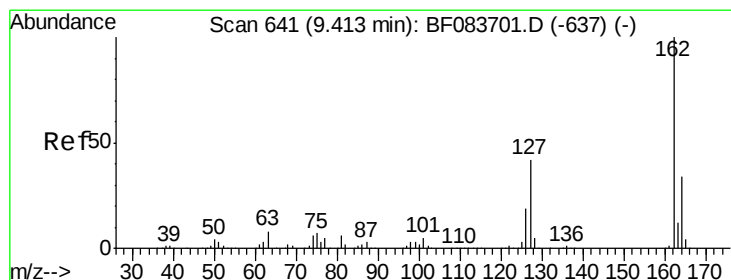
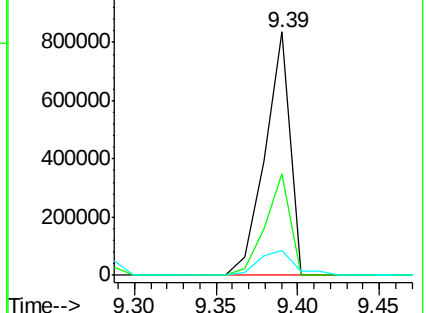
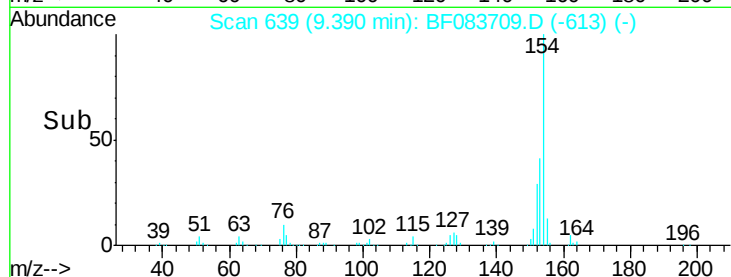
76 10.1 0.0 34.8



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: 39.64 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

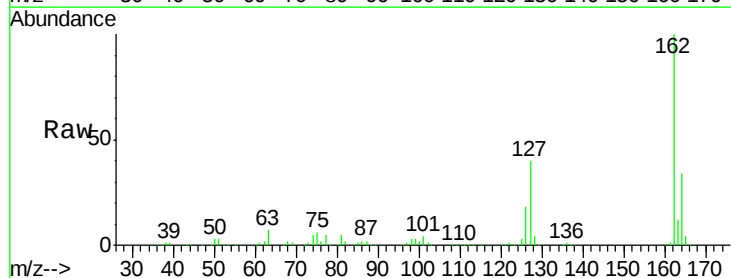
Tgt Ion:162 Resp: 684036

Ion Ratio Lower Upper

162 100

127 39.9 31.0 46.4

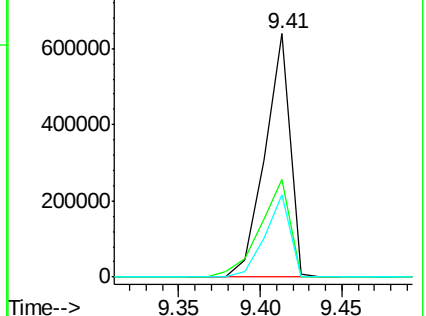
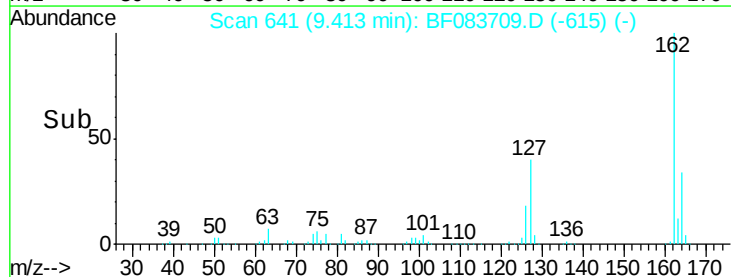
164 33.7 27.4 41.0

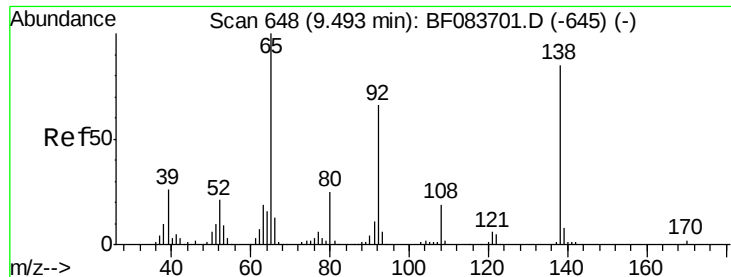


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

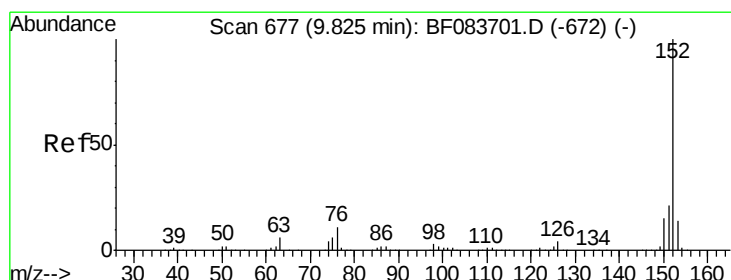
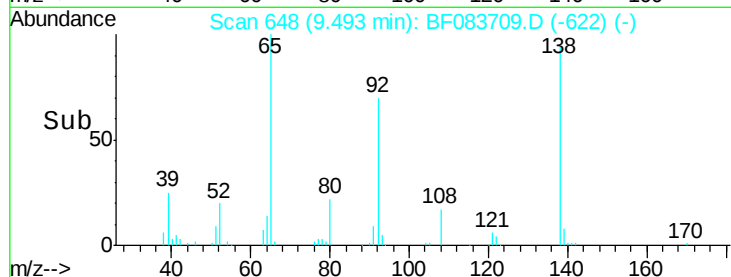
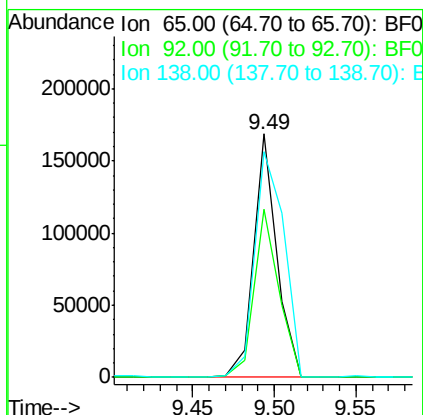
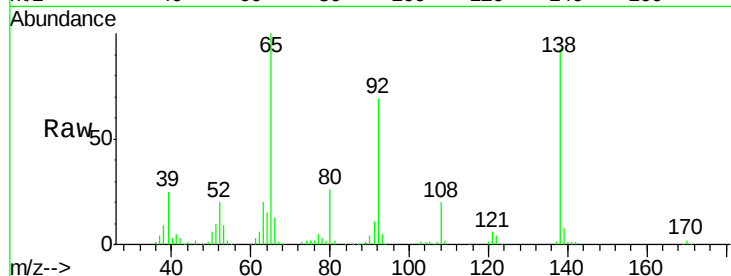




#47
2-Nitroaniline
Concen: 39.13 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

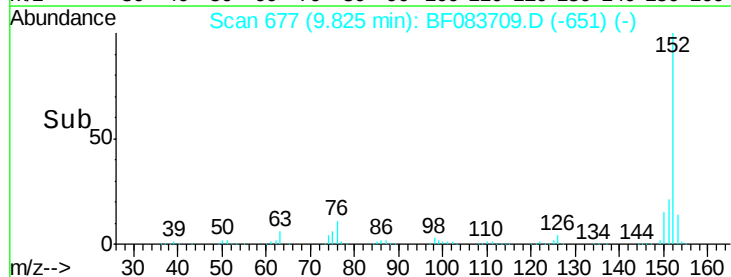
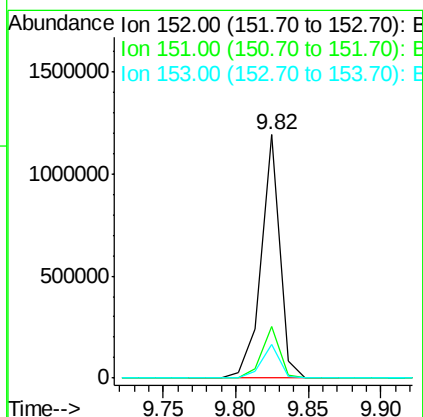
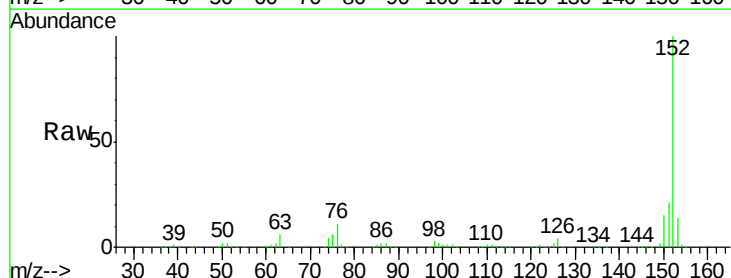
Instrument :
BNA_F
ClientSampleId :
PB87192BS

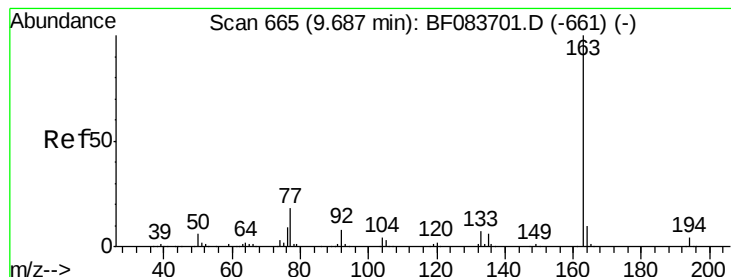
Tgt Ion: 65 Resp: 165631
Ion Ratio Lower Upper
65 100
92 68.9 49.6 74.4
138 92.6 64.1 96.1



#48
Acenaphthylene
Concen: 37.23 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion: 152 Resp: 1058462
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 13.9 10.8 16.2





#49

Dimethylphthalate

Concen: 40.09 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

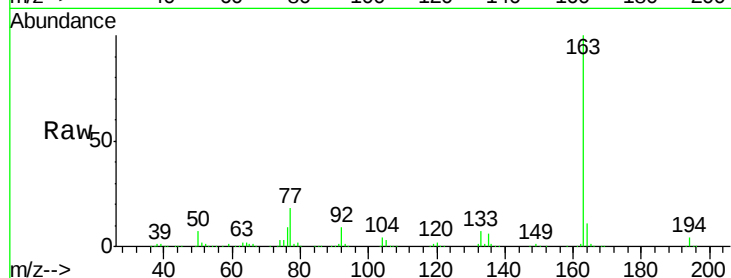
Tgt Ion:163 Resp: 809539

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

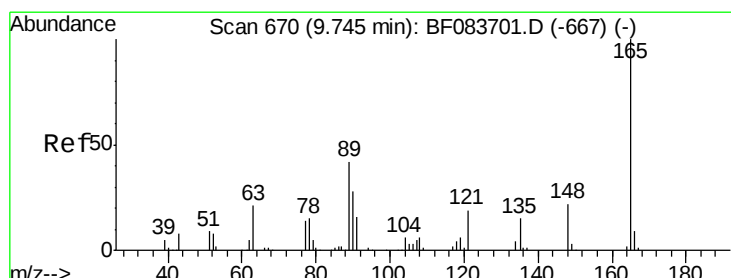
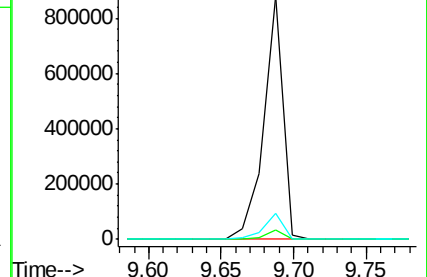
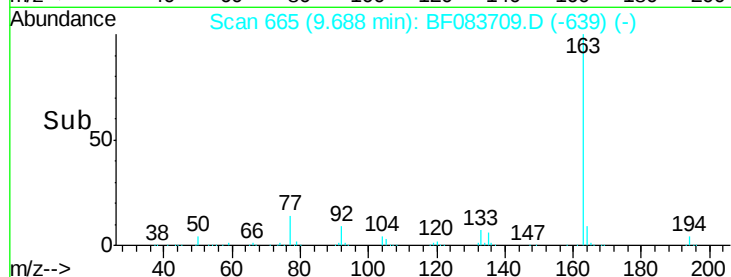
164 10.5 8.6 13.0



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: 44.47 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

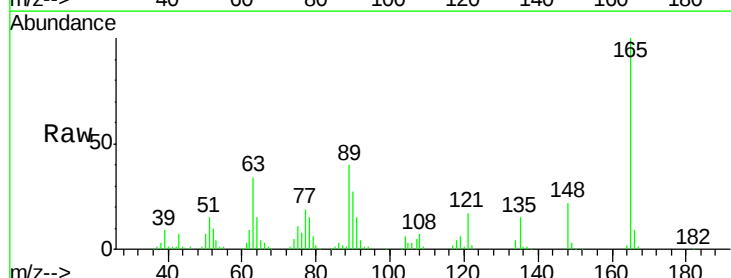
Tgt Ion:165 Resp: 174383

Ion Ratio Lower Upper

165 100

63 33.5 56.9 85.3#

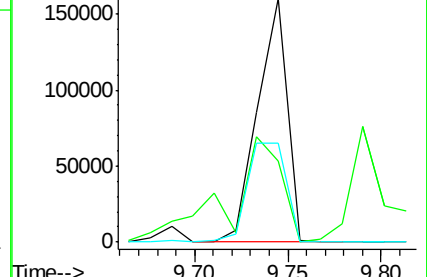
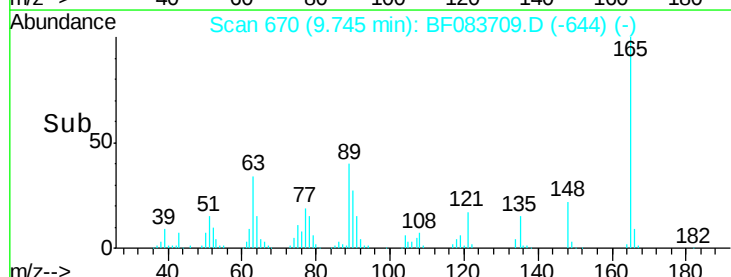
89 40.5 52.1 78.1#

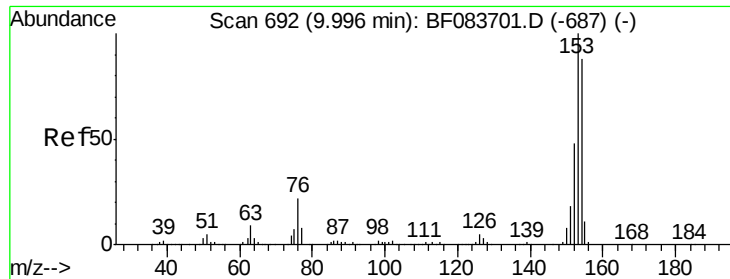


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.17 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

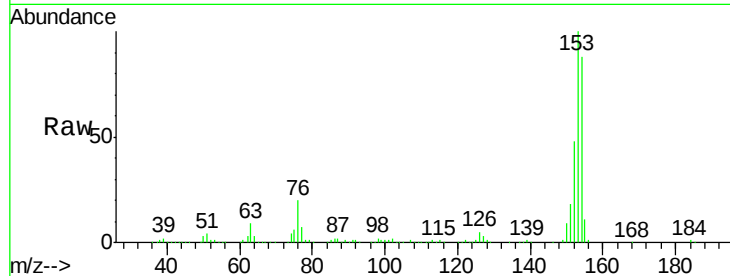
Tgt Ion:154 Resp: 676243

Ion Ratio Lower Upper

154 100

153 113.2 91.4 137.0

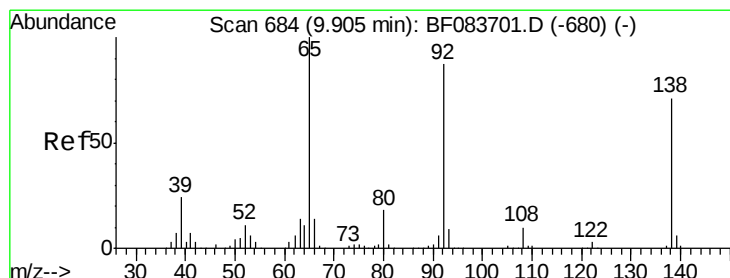
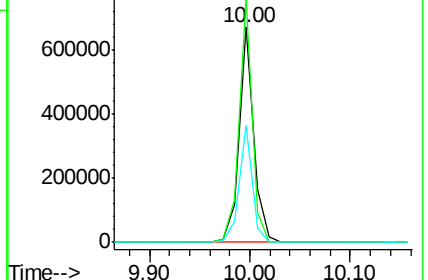
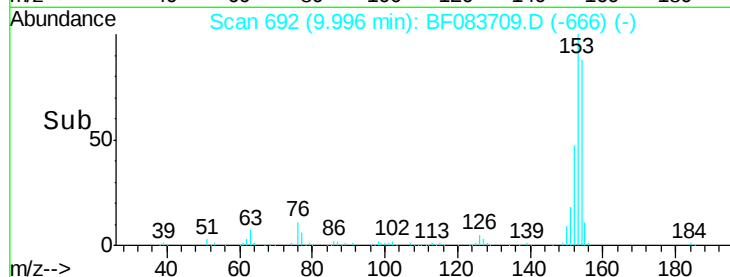
152 54.2 43.4 65.2



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: 21.09 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

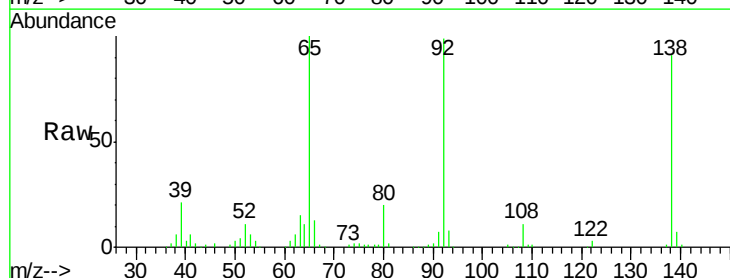
Tgt Ion:138 Resp: 92755

Ion Ratio Lower Upper

138 100

108 11.9 9.9 14.9

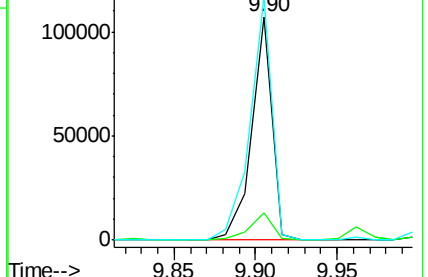
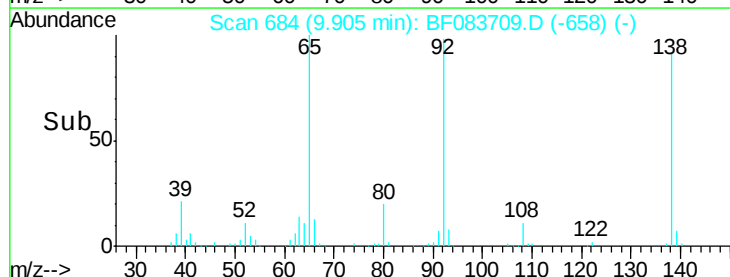
92 108.9 113.8 170.8#

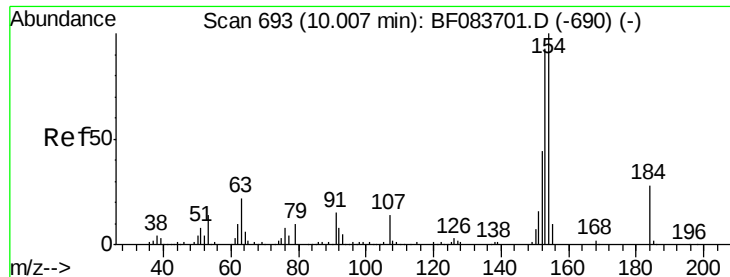


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

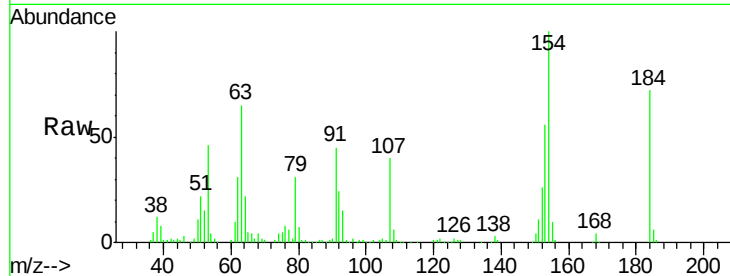




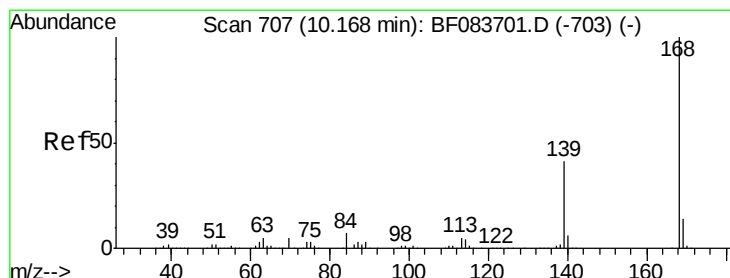
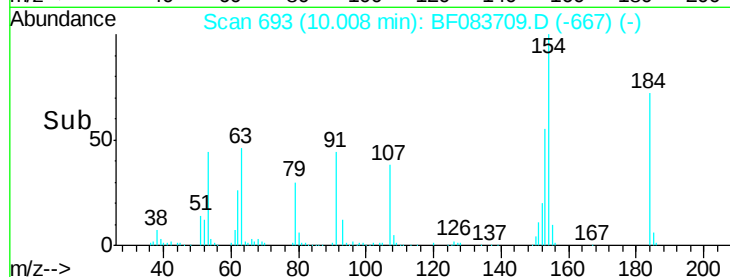
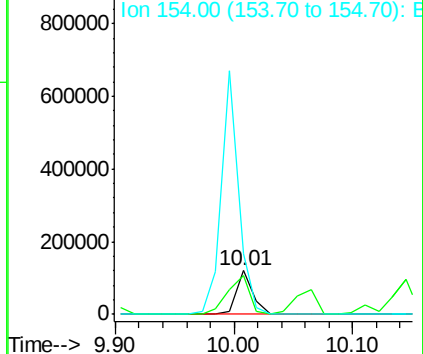
#53
2,4-Dinitrophenol
Concen: 87.52 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tgt Ion:184 Resp: 114200
Ion Ratio Lower Upper
184 100
63 89.5 62.4 93.6
154 138.0 46.6 69.8#

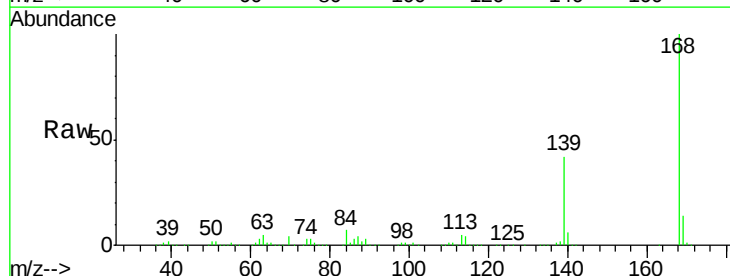


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

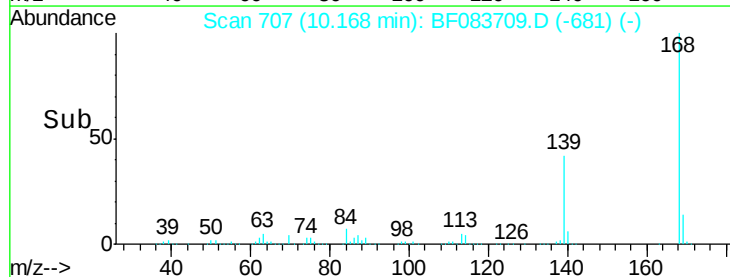
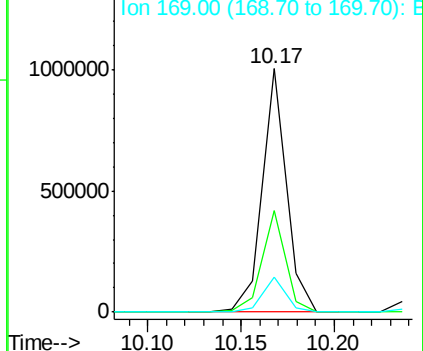


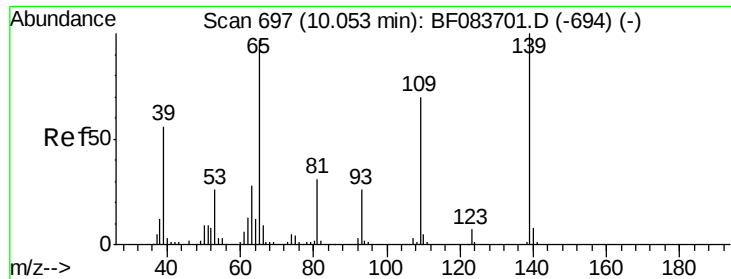
#54
Dibenzofuran
Concen: 39.89 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion:168 Resp: 894173
Ion Ratio Lower Upper
168 100
139 41.6 28.0 42.0
169 14.3 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

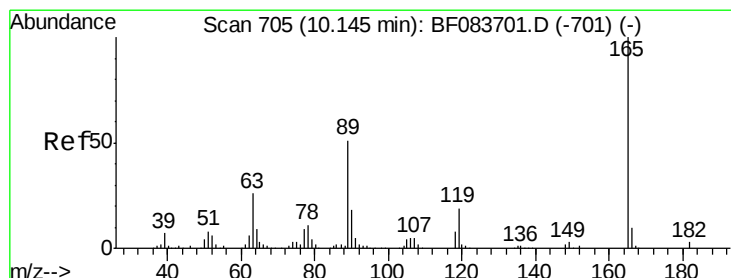
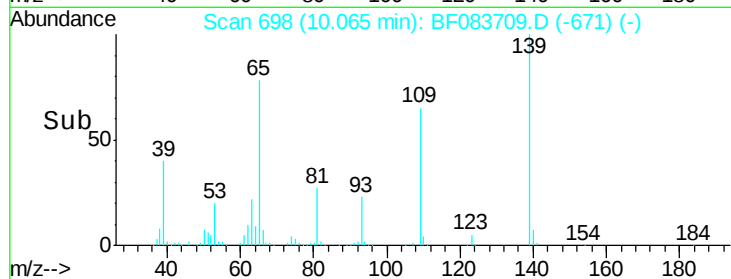
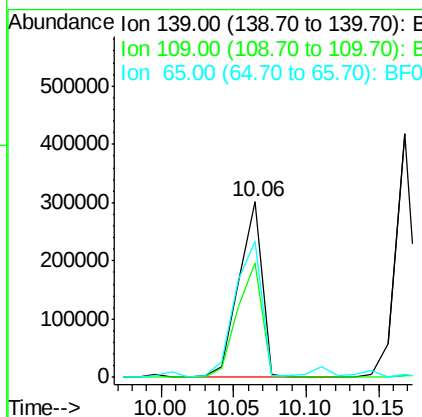
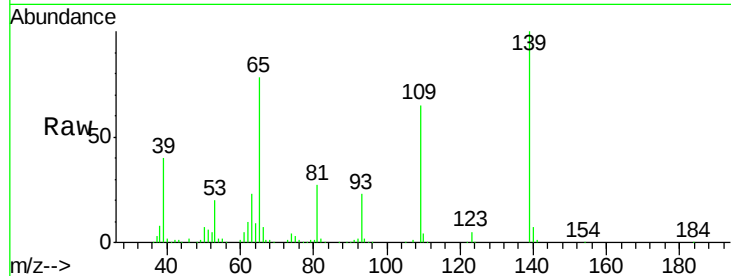




#55
4-Nitrophenol
Concen: 90.65 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

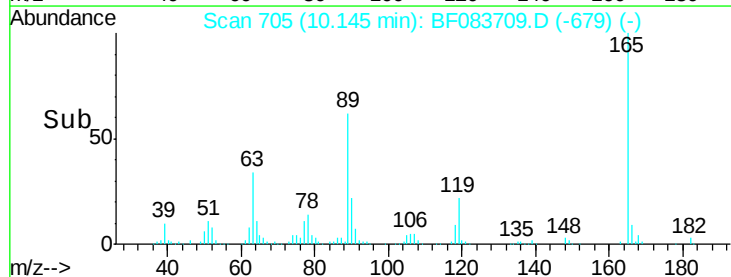
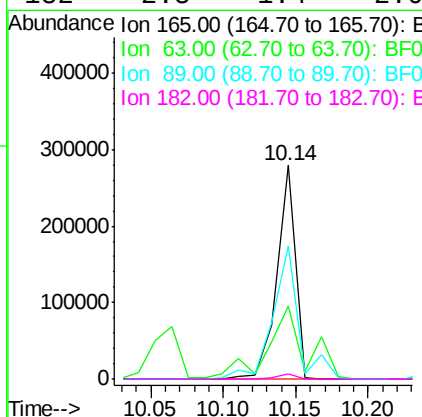
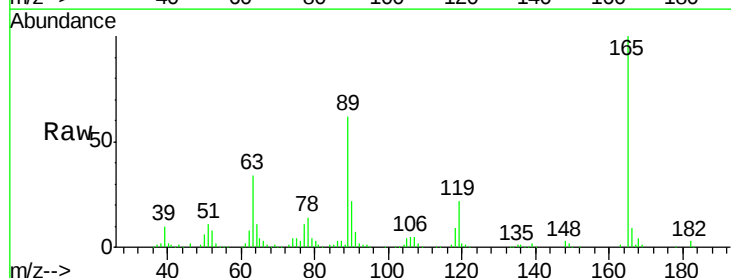
Instrument :
BNA_F
ClientSampled :
PB87192BS

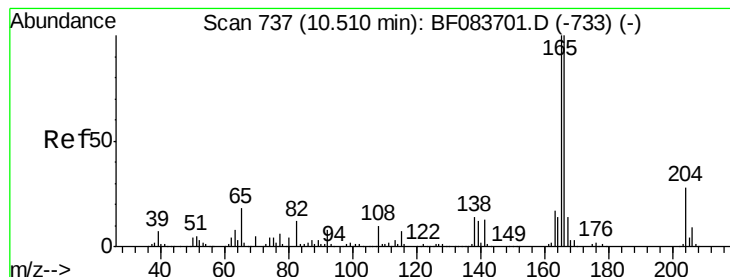
Tgt Ion:139 Resp: 338832
Ion Ratio Lower Upper
139 100
109 65.5 42.0 82.0
65 77.9 89.2 129.2#



#56
2,4-Dinitrotoluene
Concen: 49.61 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion:165 Resp: 247382
Ion Ratio Lower Upper
165 100
63 34.3 51.4 77.2#
89 62.1 72.6 108.8#
182 2.5 1.4 2.0#





#57

Fluorene

Concen: 38.84 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

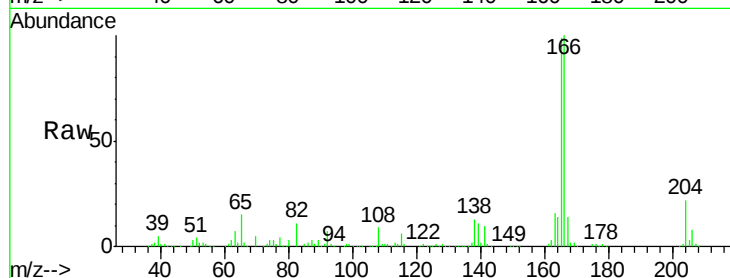
Tgt Ion:166 Resp: 690928

Ion Ratio Lower Upper

166 100

165 98.7 80.0 120.0

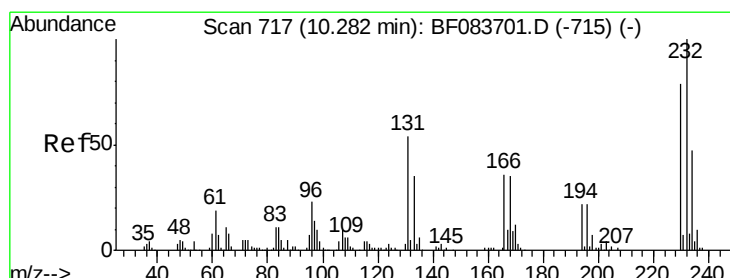
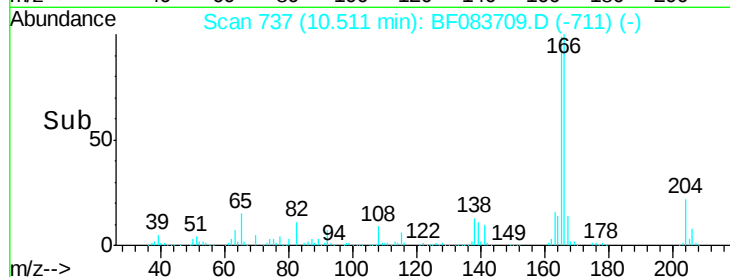
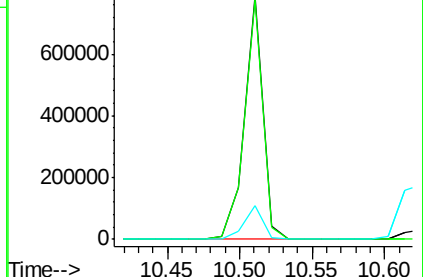
167 13.7 10.6 16.0



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: 44.77 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion:232 Resp: 179510

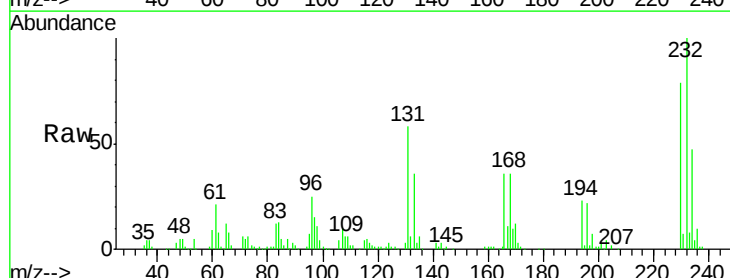
Ion Ratio Lower Upper

232 100

131 52.7 0.0 0.0#

130 2.6 0.0 0.0#

166 34.0 0.0 0.0#

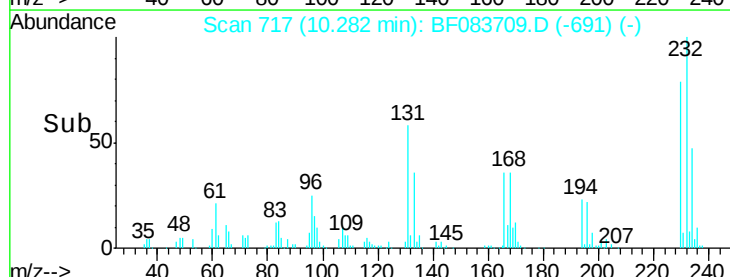
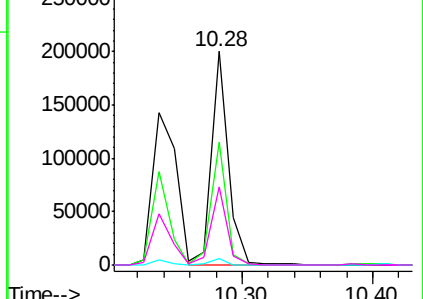


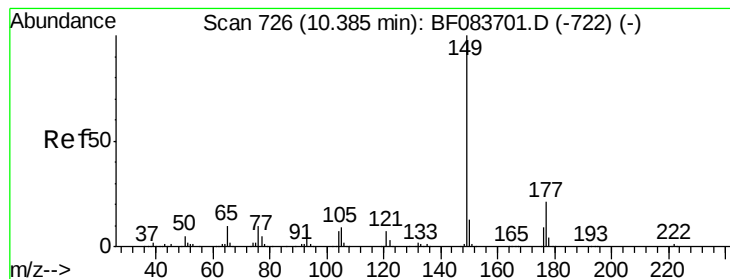
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.89 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

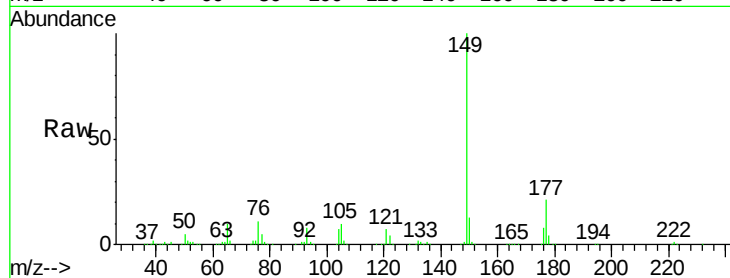
Tgt Ion:149 Resp: 736010

Ion Ratio Lower Upper

149 100

177 20.9 16.9 25.3

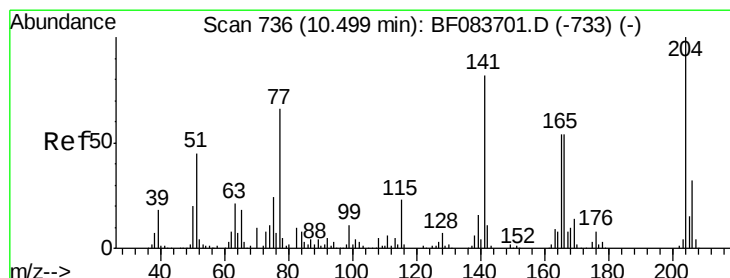
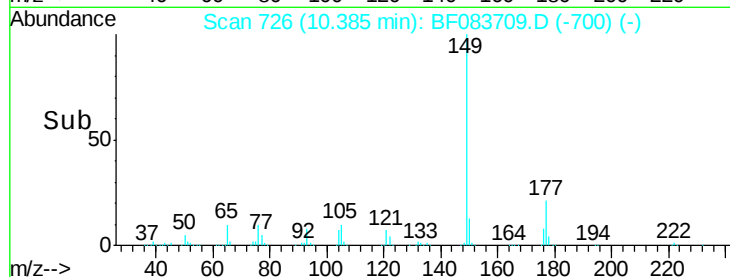
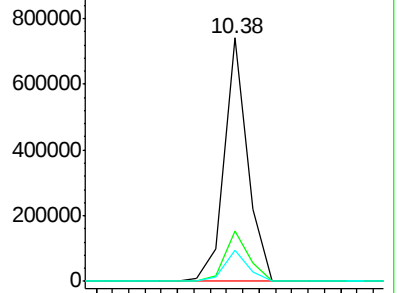
150 12.9 10.2 15.4



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: 37.20 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

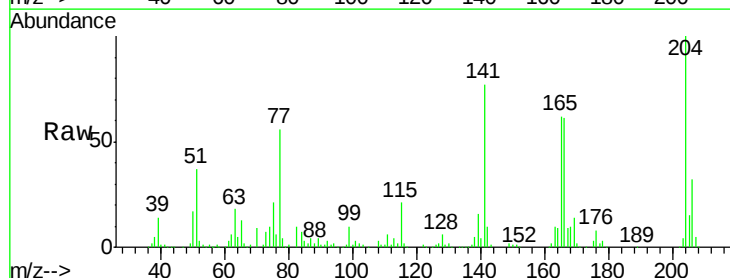
Tgt Ion:204 Resp: 315777

Ion Ratio Lower Upper

204 100

206 32.0 27.3 40.9

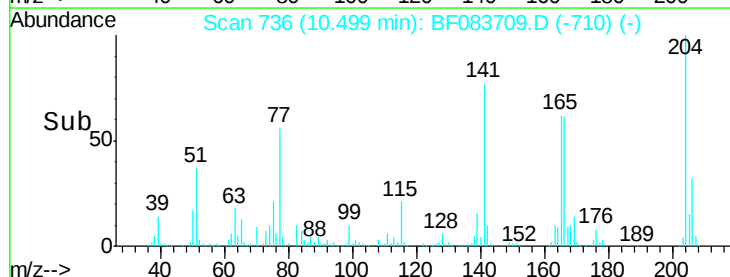
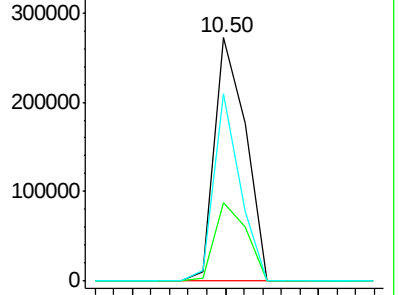
141 77.1 51.9 77.9

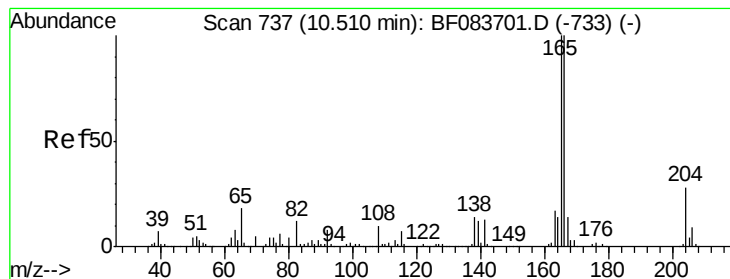


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.28 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

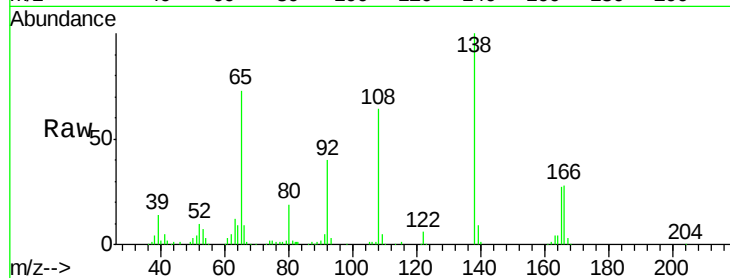
Tgt Ion:138 Resp: 180494

Ion Ratio Lower Upper

138 100

92 39.5 29.0 69.0

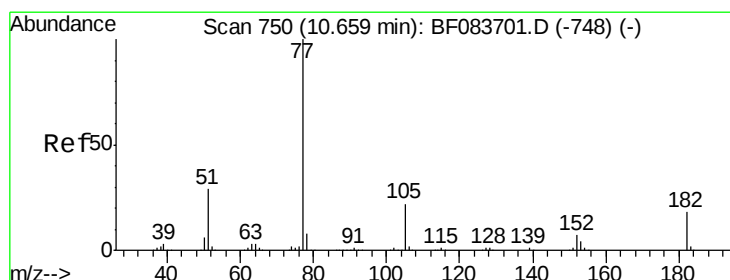
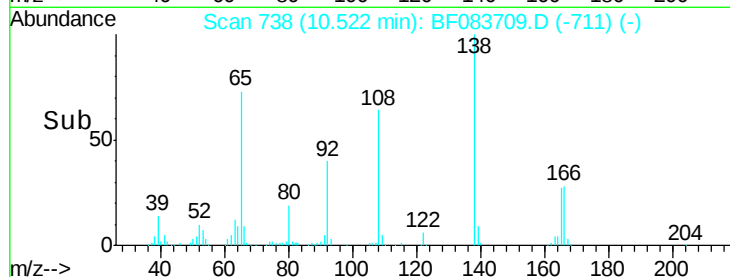
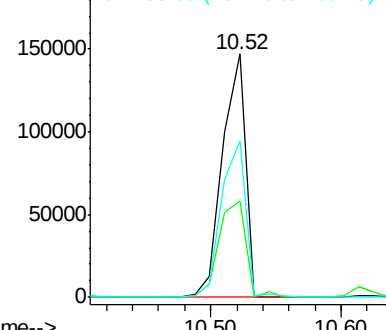
108 64.2 47.4 87.4



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: 38.17 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion: 77 Resp: 687715

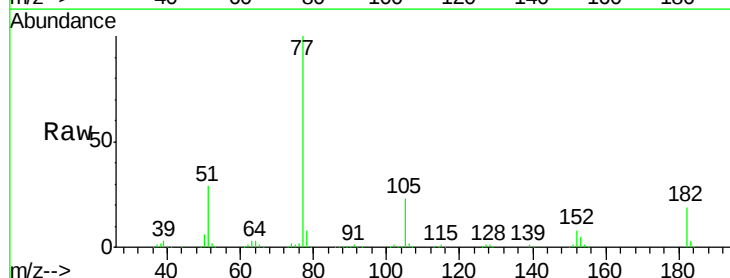
Ion Ratio Lower Upper

77 100

182 19.4 2.5 42.5

105 23.1 2.1 42.1

51 29.1 9.3 49.3

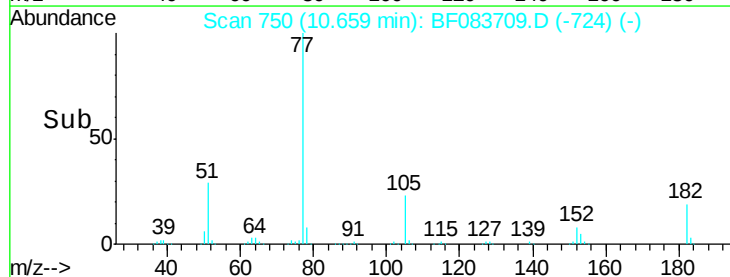
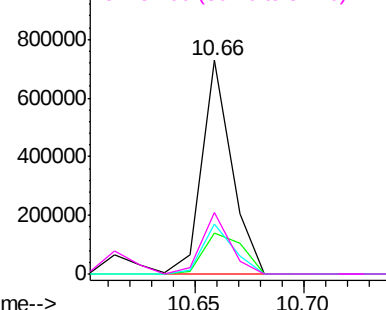


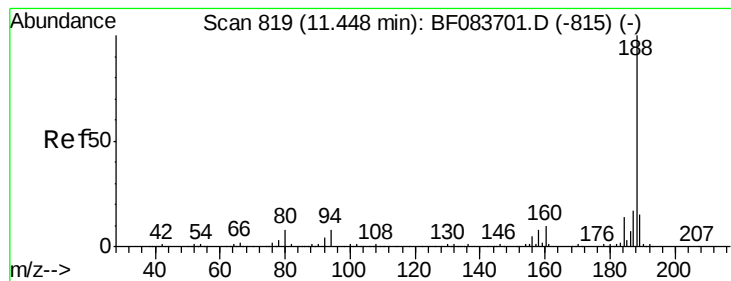
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

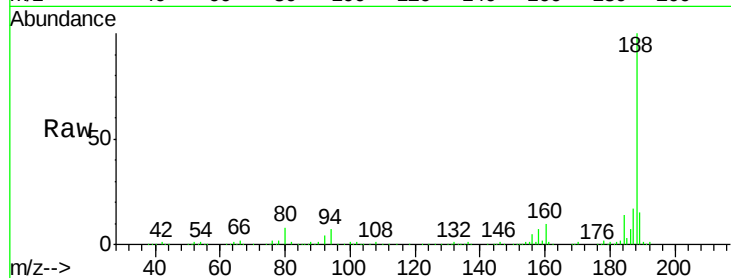
Tgt Ion:188 Resp: 499649

Ion Ratio Lower Upper

188 100

94 7.4 9.4 14.2#

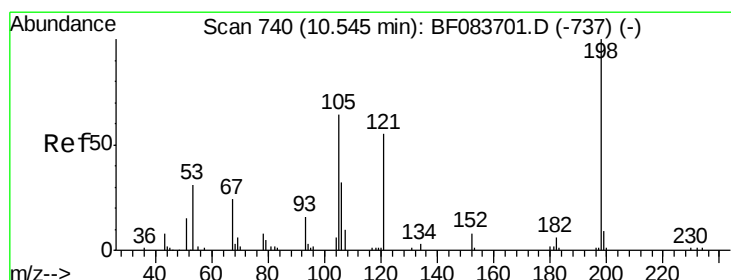
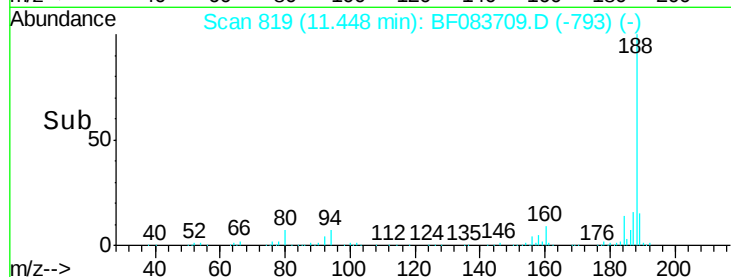
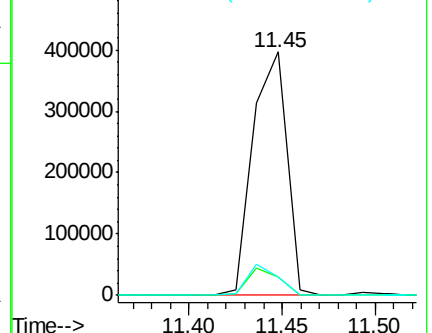
80 7.5 10.6 16.0#



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: 42.65 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

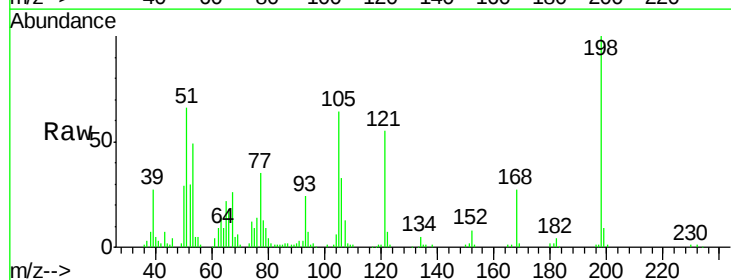
Tgt Ion:198 Resp: 84655

Ion Ratio Lower Upper

198 100

51 66.1 53.8 93.8

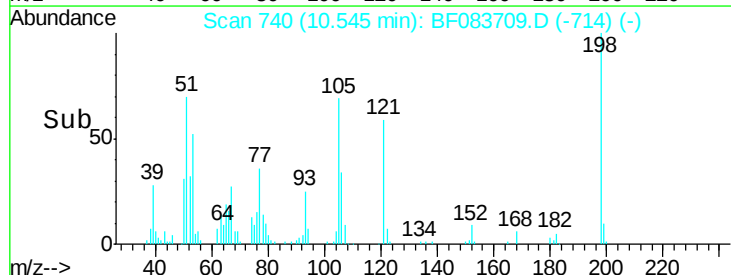
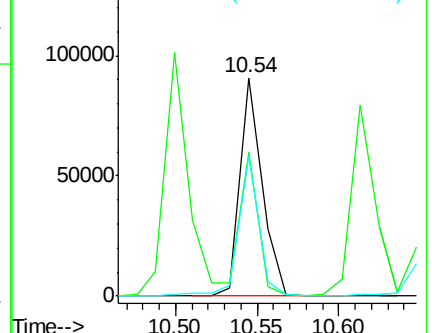
105 64.3 38.6 78.6

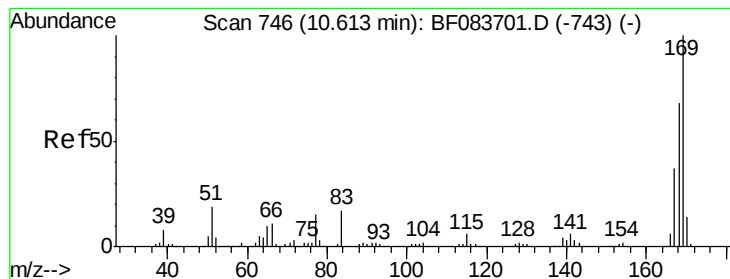


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.57 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

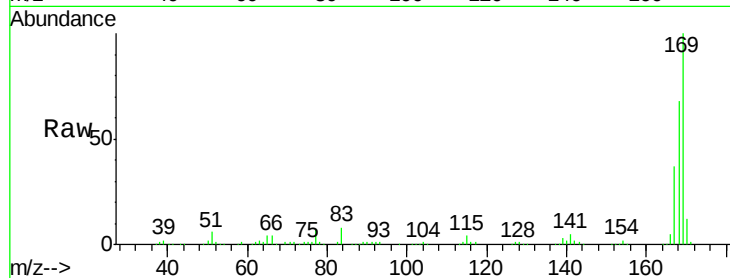
Tgt Ion:169 Resp: 639683

Ion Ratio Lower Upper

169 100

168 67.8 53.0 79.6

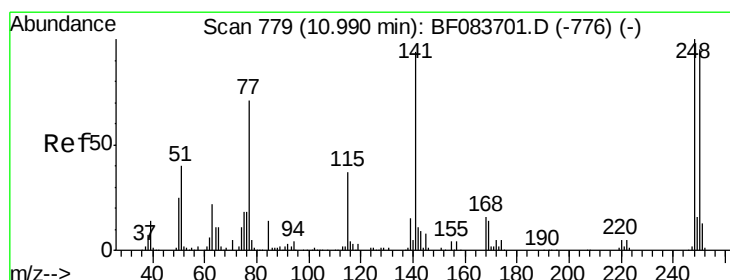
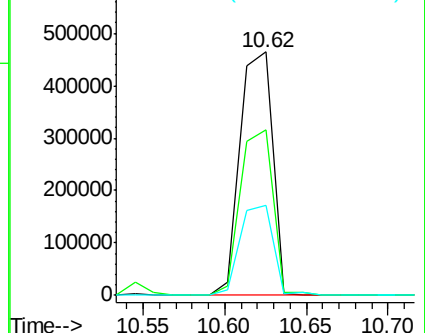
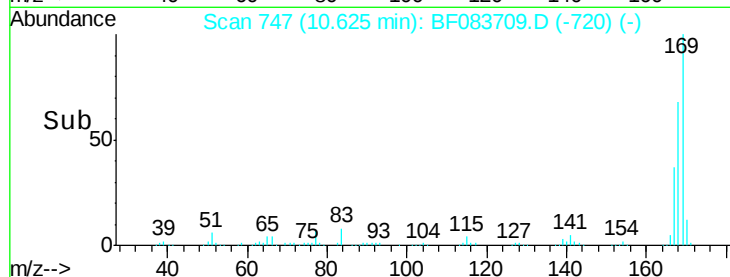
167 36.7 29.3 43.9



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: 38.17 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

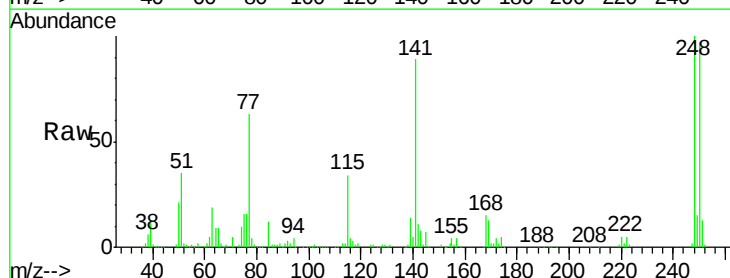
Tgt Ion:248 Resp: 203839

Ion Ratio Lower Upper

248 100

250 96.7 79.2 118.8

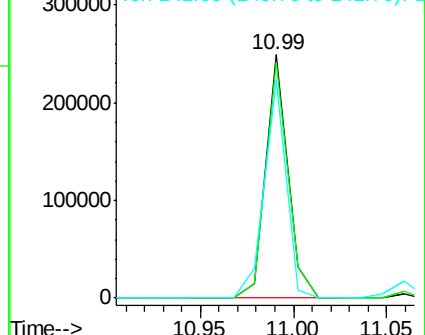
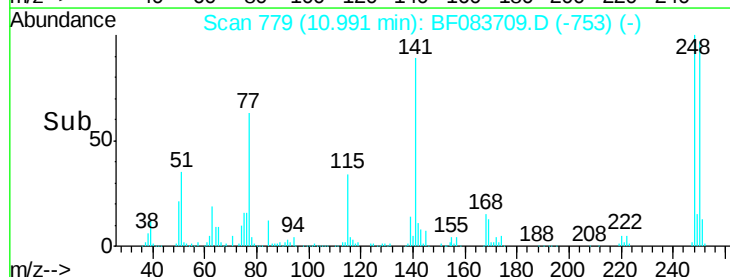
141 89.3 58.2 87.4#

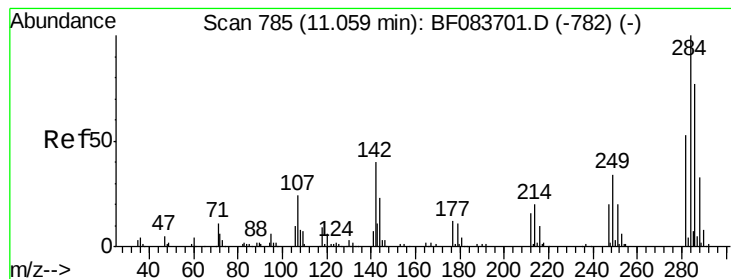


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.94 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

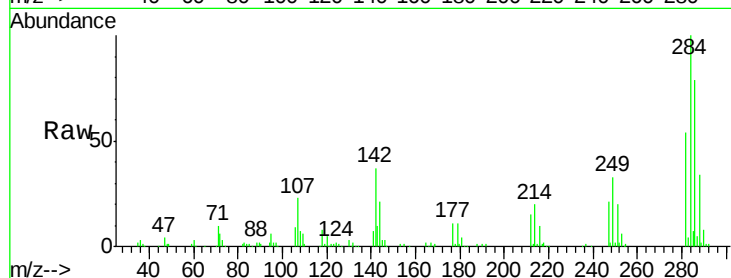
Tgt Ion:284 Resp: 226496

Ion Ratio Lower Upper

284 100

142 37.0 31.0 46.4

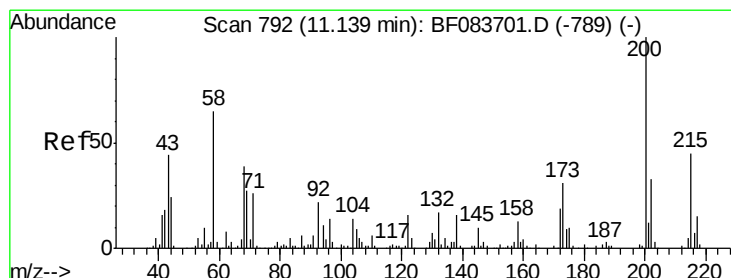
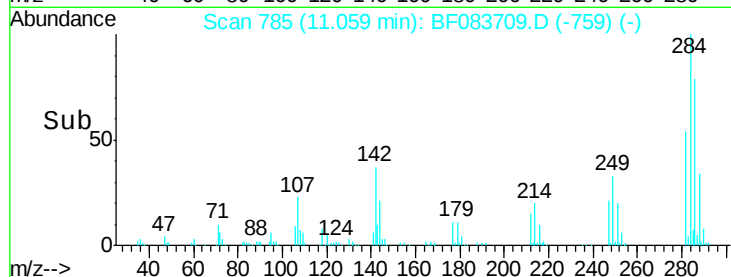
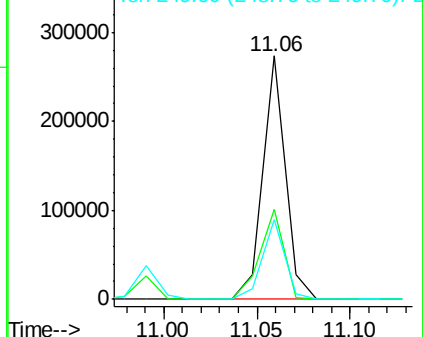
249 32.9 26.9 40.3



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: 40.46 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

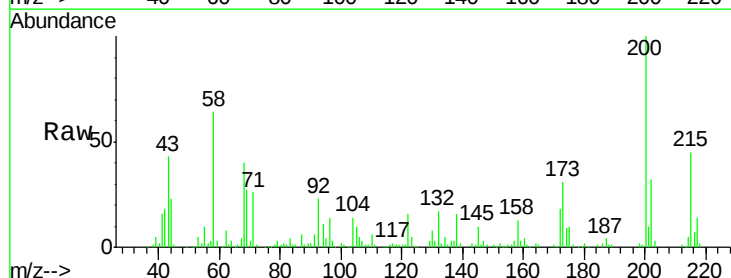
Tgt Ion:200 Resp: 191363

Ion Ratio Lower Upper

200 100

173 30.5 7.8 47.8

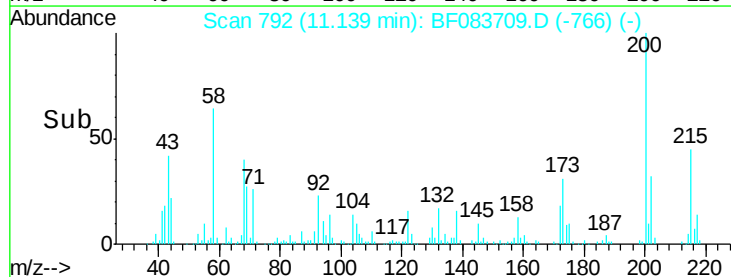
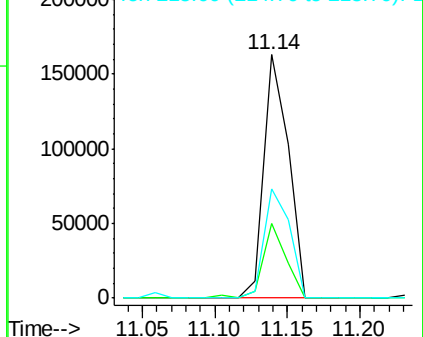
215 44.9 25.7 65.7

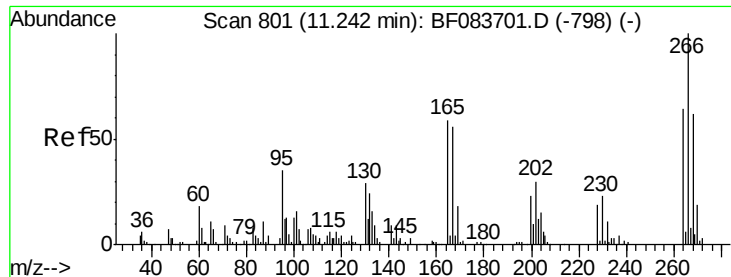


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

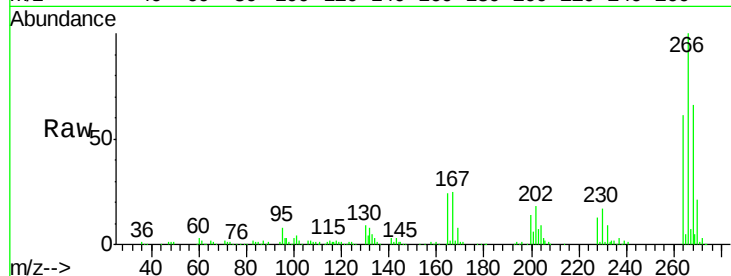




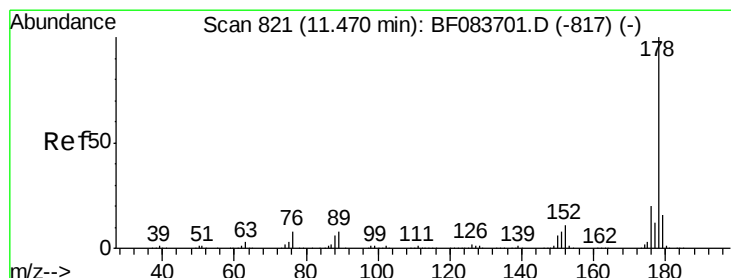
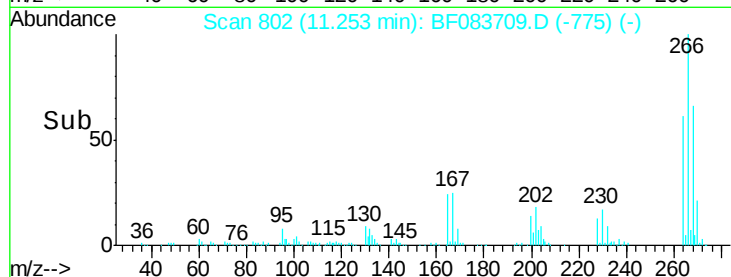
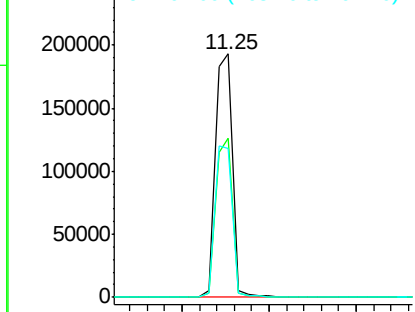
#69
 Pentachlorophenol
 Concen: 83.15 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tgt Ion:266 Resp: 269922
 Ion Ratio Lower Upper
 266 100
 268 65.5 50.2 75.2
 264 61.4 51.4 77.2

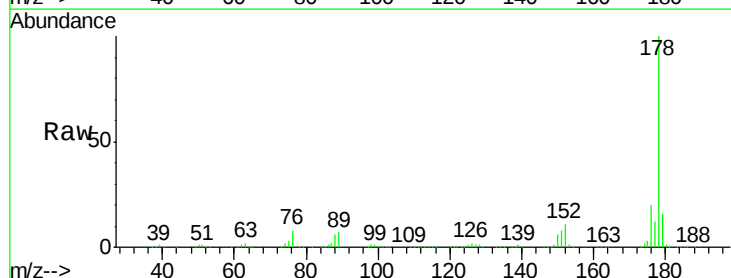


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

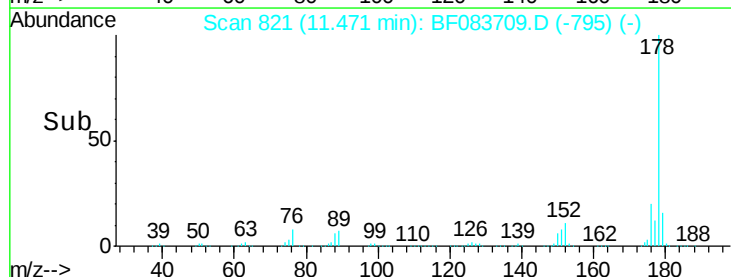
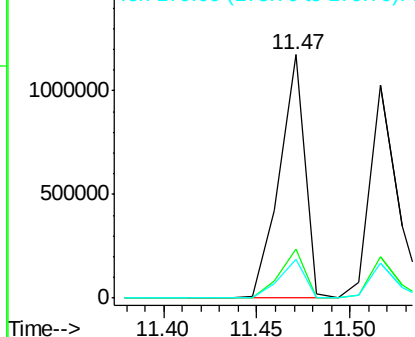


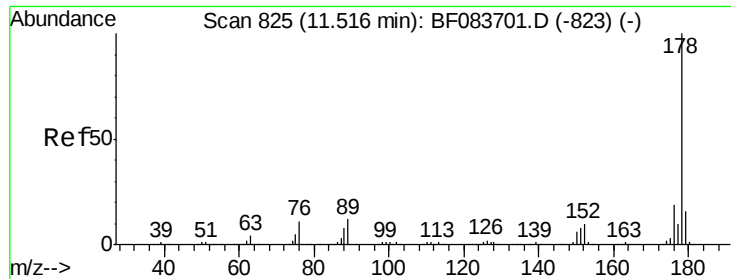
#70
 Phenanthrene
 Concen: 40.87 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion:178 Resp: 1114536
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 16.0 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

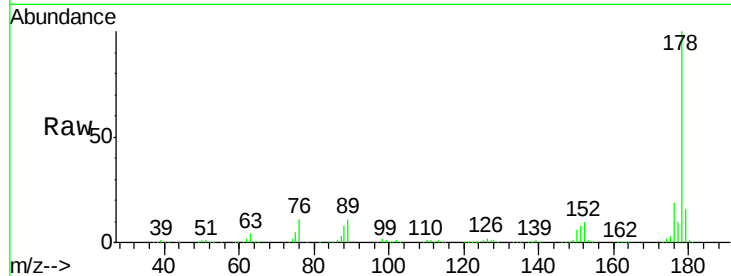




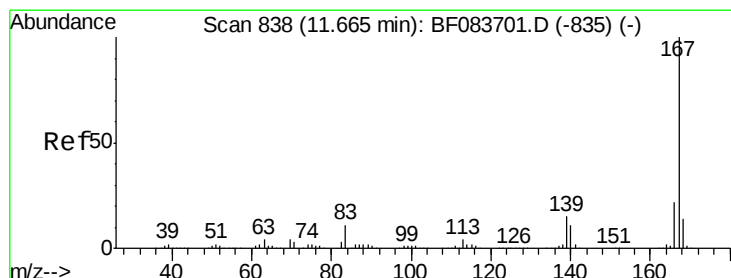
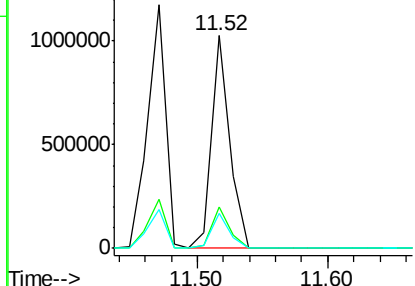
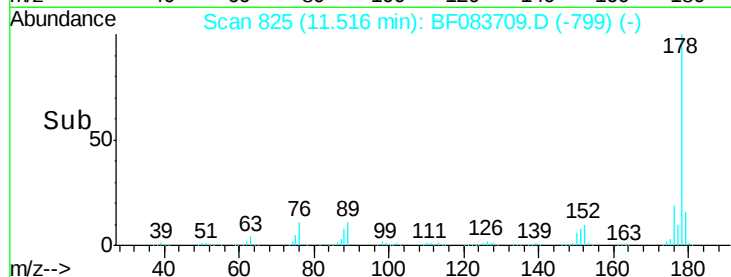
#71
 Anthracene
 Concen: 35.44 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tgt Ion:178 Resp: 997949
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 16.3 12.6 18.8

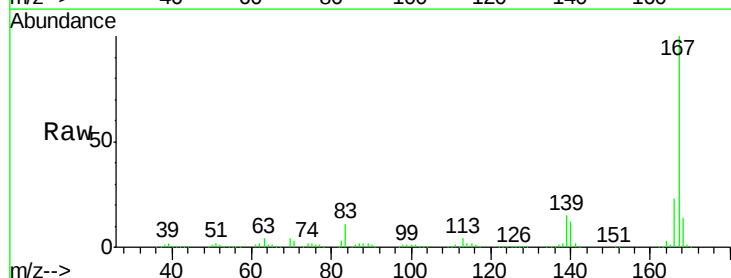


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

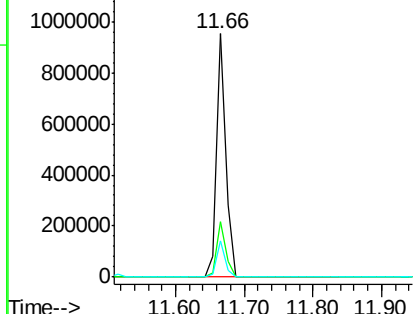
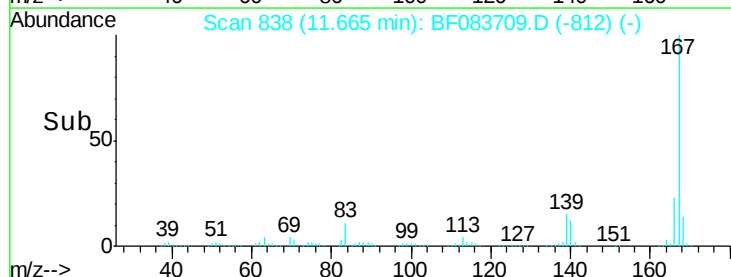


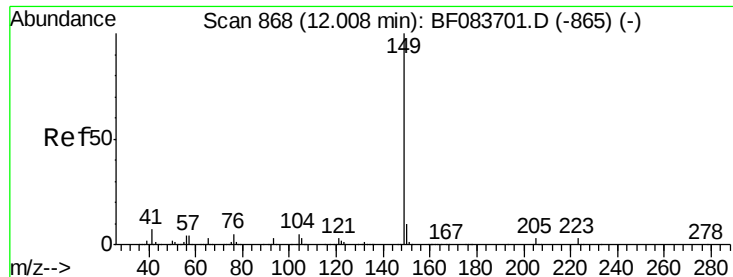
#72
 Carbazole
 Concen: 35.13 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion:167 Resp: 907878
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.2 25.8
 139 14.8 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

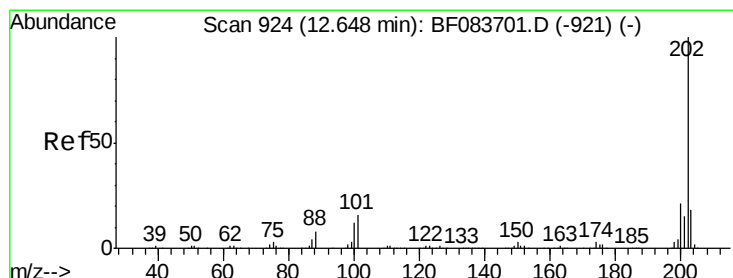
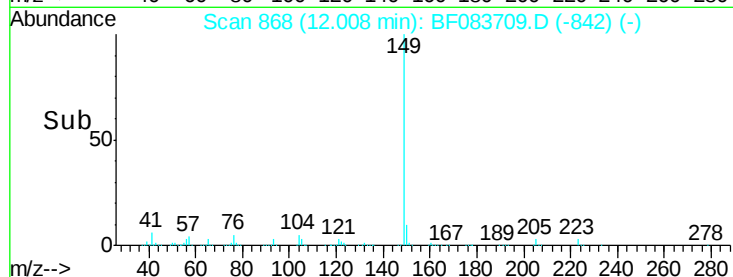
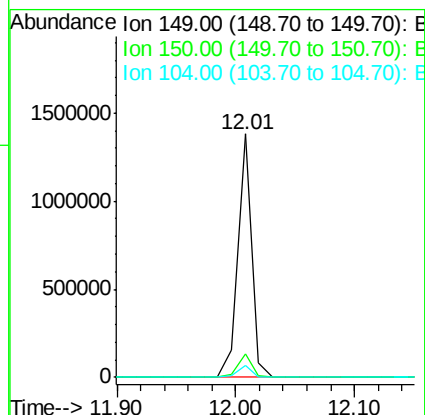
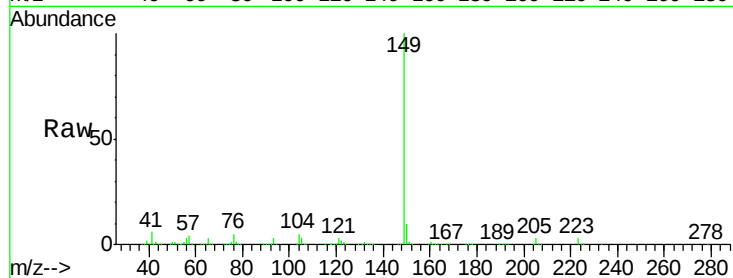




#73
Di-n-butylphthalate
Concen: 39.45 ng
RT: 12.01 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

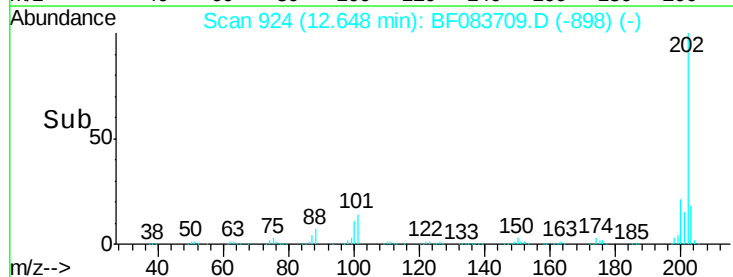
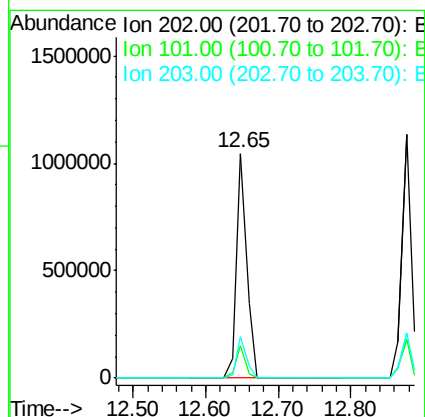
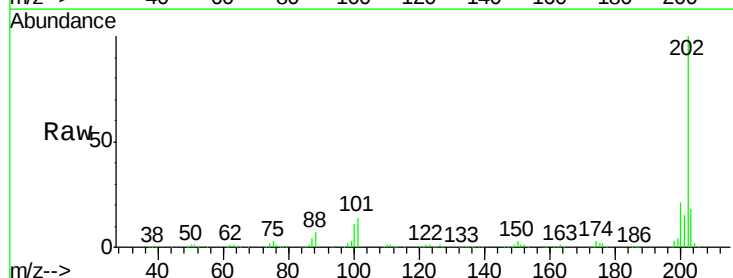
Instrument :
BNA_F
ClientSampleId :
PB87192BS

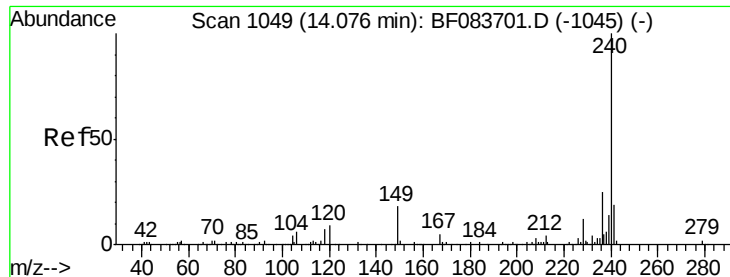
Tgt Ion:149 Resp: 1111223
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.1 3.9 5.9



#74
Fluoranthene
Concen: 36.05 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion:202 Resp: 1028949
Ion Ratio Lower Upper
202 100
101 14.5 0.0 31.5
203 18.2 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

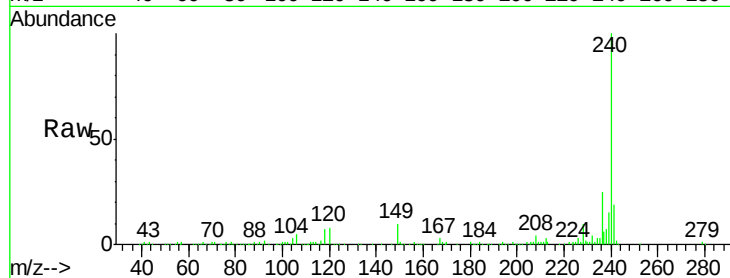
Tgt Ion:240 Resp: 329332

Ion Ratio Lower Upper

240 100

120 7.7 8.1 12.1#

236 25.4 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

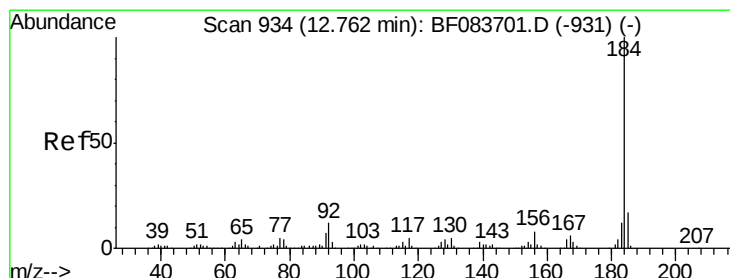
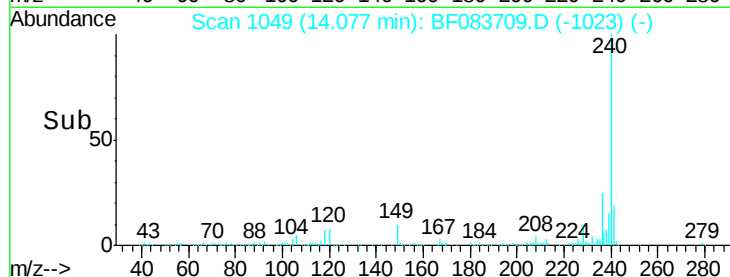
300000 14.08

200000

100000

0

Time--> 14.00 14.10



#76

Benzidine

Concen: 21.02 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

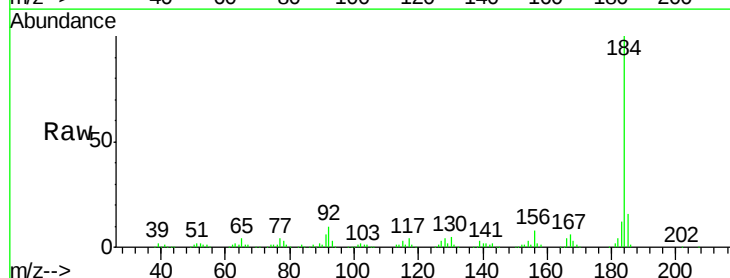
Tgt Ion:184 Resp: 266887

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.6

183 11.8 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

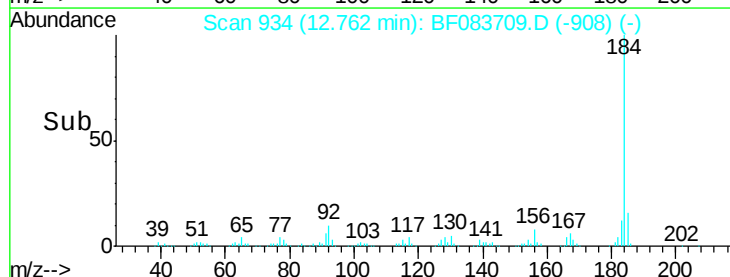
300000 12.76

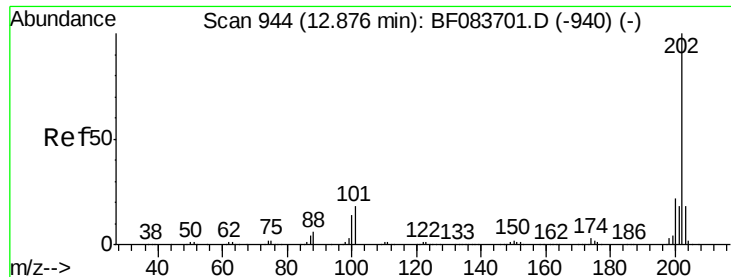
200000

100000

0

Time--> 12.70 12.80 12.90 13.00

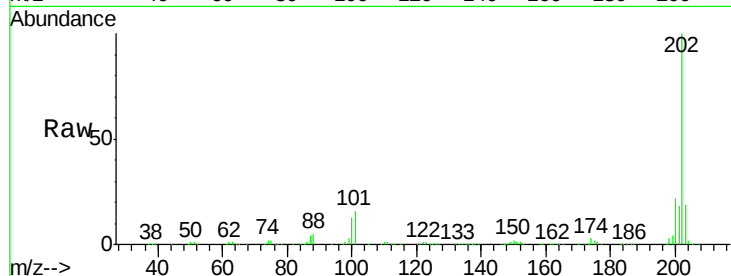




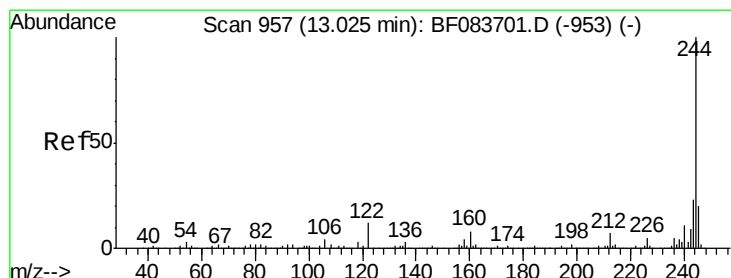
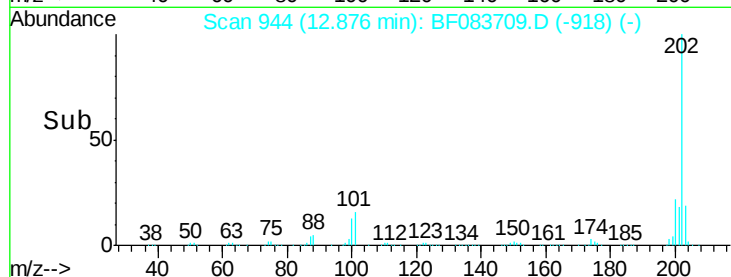
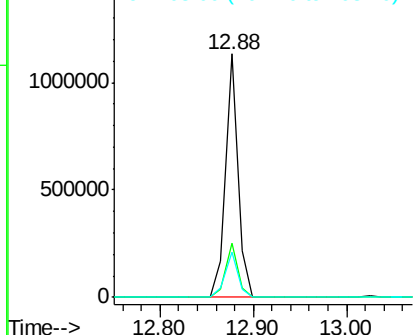
#77
 Pyrene
 Concen: 40.40 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tgt Ion:202 Resp: 1049091
 Ion Ratio Lower Upper
 202 100
 200 22.3 16.7 25.1
 203 18.6 14.3 21.5

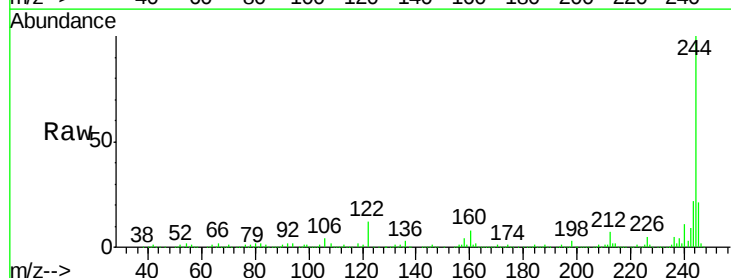


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

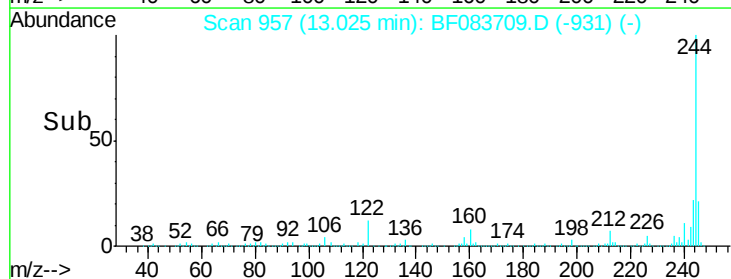
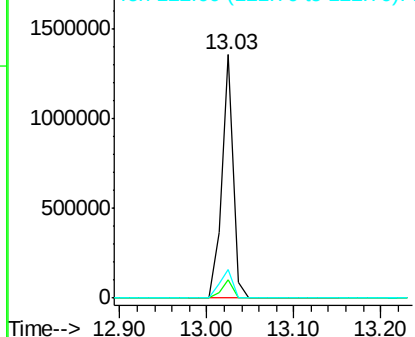


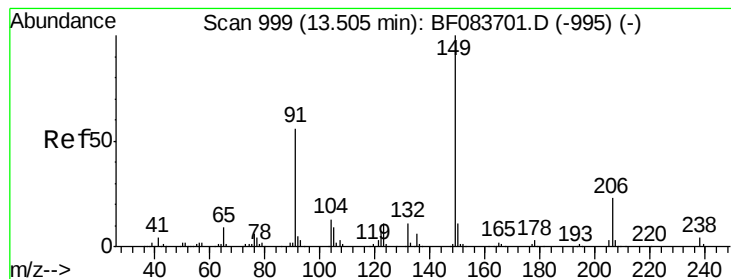
#78
 Terphenyl-d14
 Concen: 85.39 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion:244 Resp: 1252251
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 11.8 11.0 16.6



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.14 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

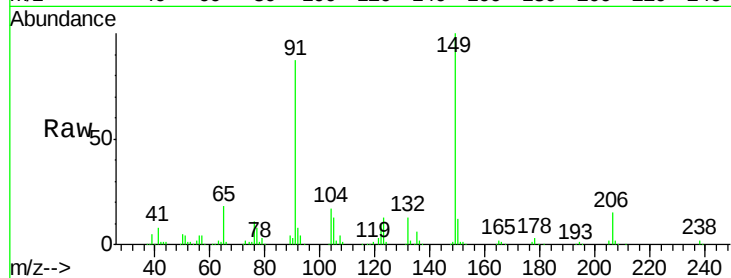
Instrument :

BNA_F

ClientSampleId :

PB87192BS

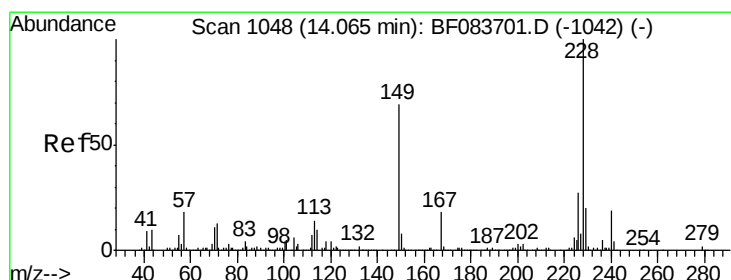
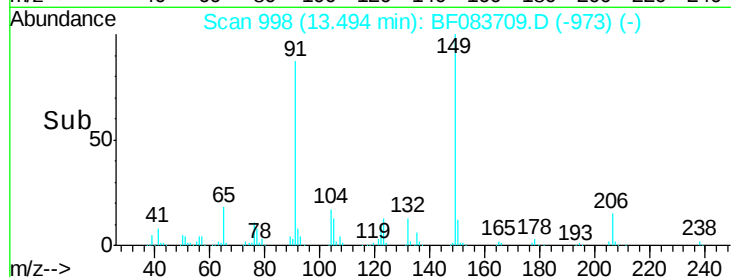
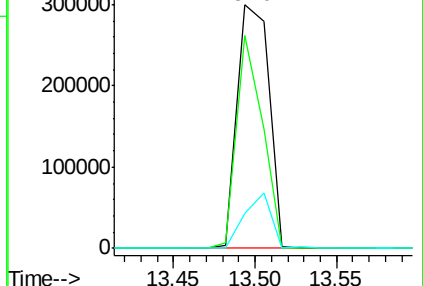
Tgt Ion:	149	Resp:	400757
Ion Ratio		Lower	Upper
149	100		
91	87.2	60.0	90.0
206	14.6	16.2	24.4#



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: 42.22 ng

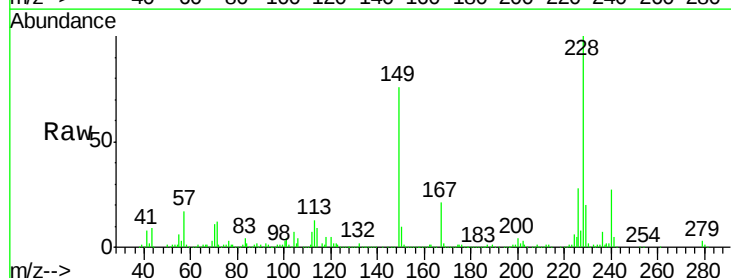
RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

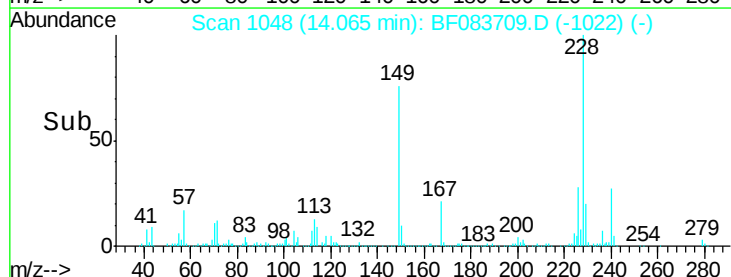
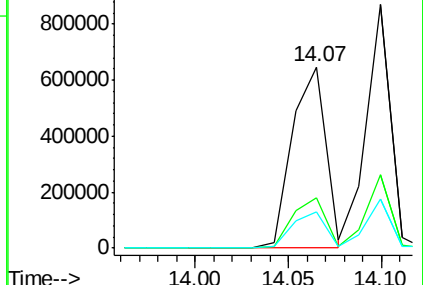
Tgt Ion:	228	Resp:	814699
Ion Ratio		Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.0	15.7	23.5

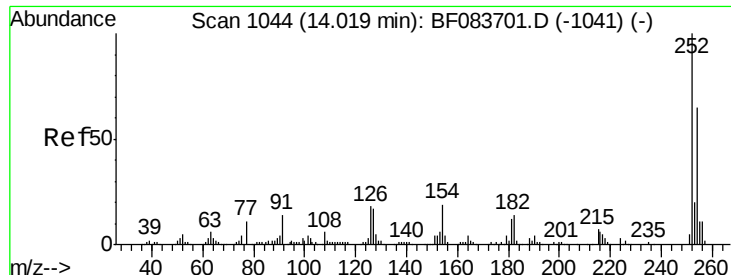


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

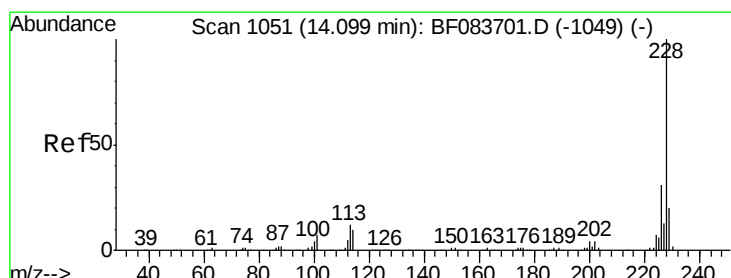
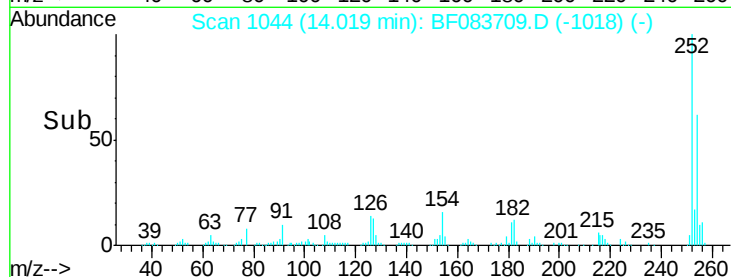
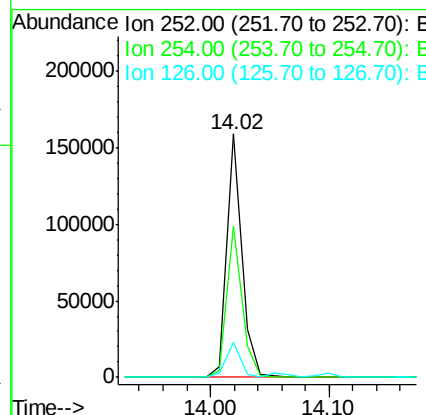
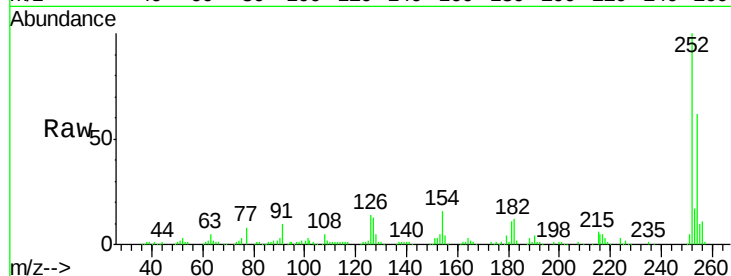




#81
 3,3'-Dichlorobenzidine
 Concen: 22.52 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

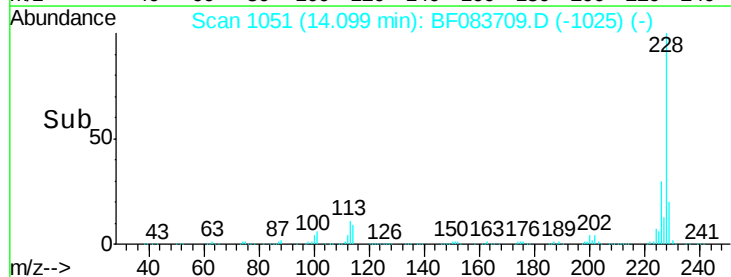
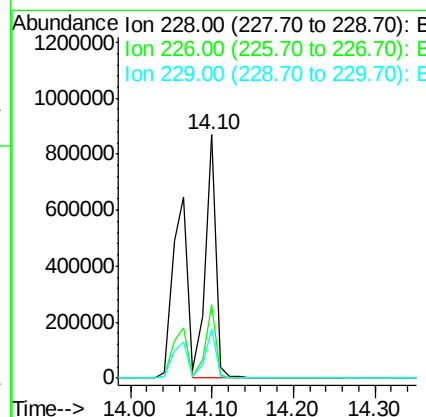
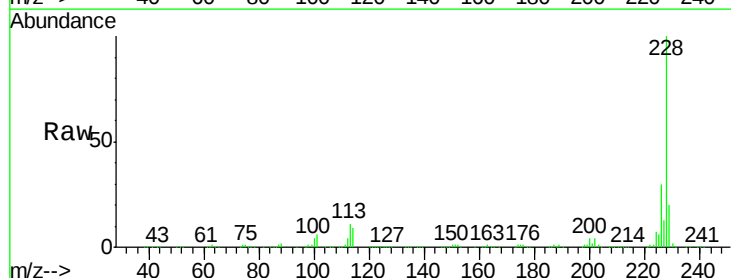
Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

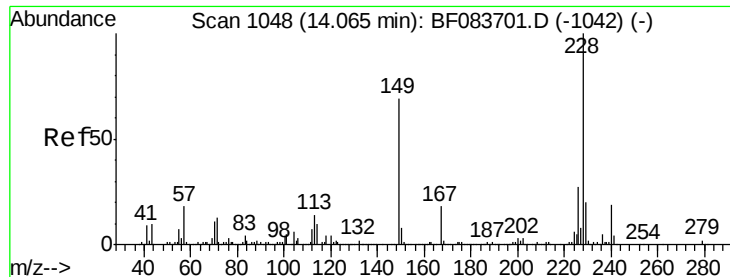
Tgt Ion: 252 Resp: 138130
 Ion Ratio Lower Upper
 252 100
 254 62.4 50.6 76.0
 126 14.4 11.0 16.4



#82
 Chrysene
 Concen: 42.39 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion: 228 Resp: 786497
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.7 37.1
 229 20.2 16.3 24.5

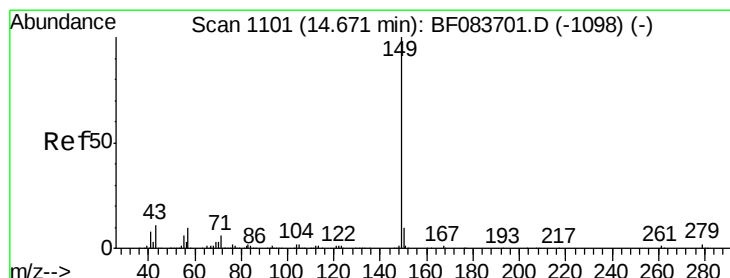
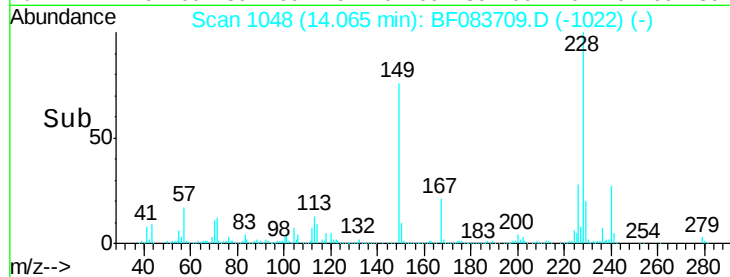
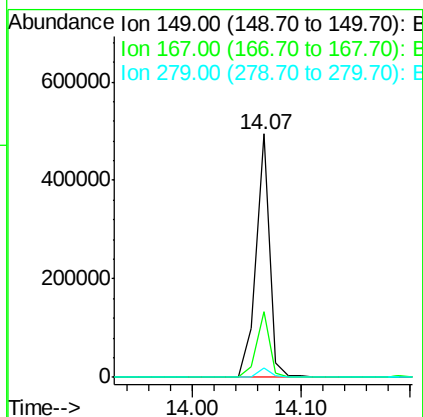
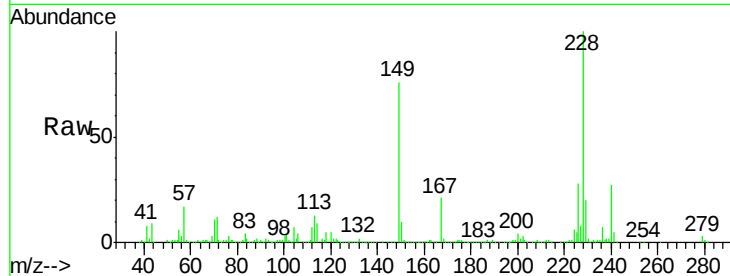




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.90 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

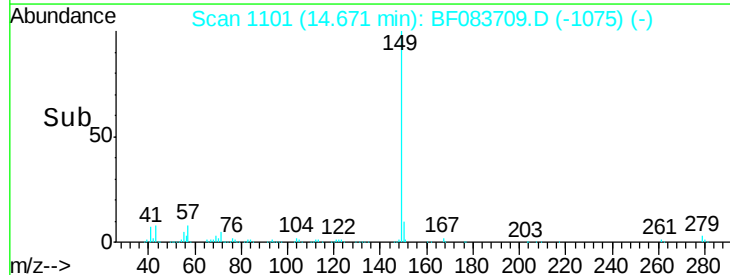
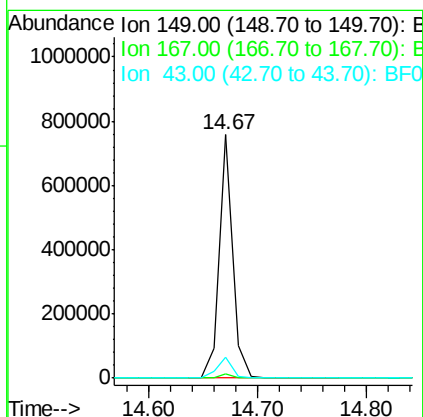
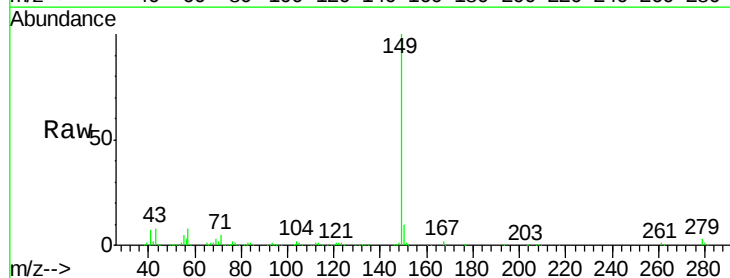
Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

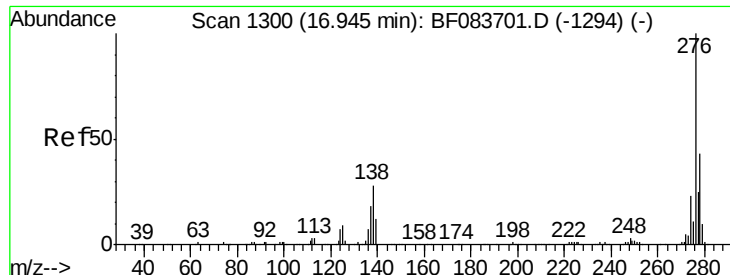
Tgt Ion:149 Resp: 431343
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.8
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 48.75 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion:149 Resp: 663429
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.6 0.0 0.0#

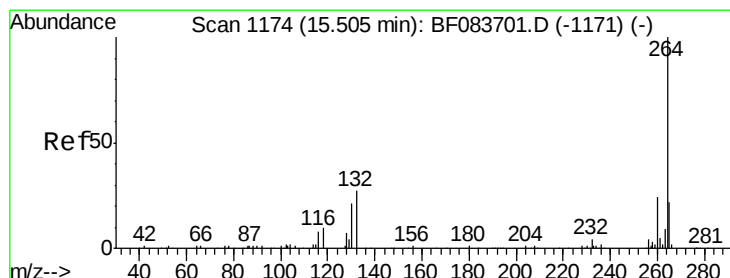
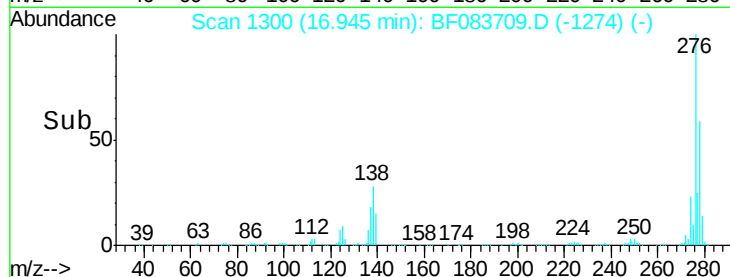
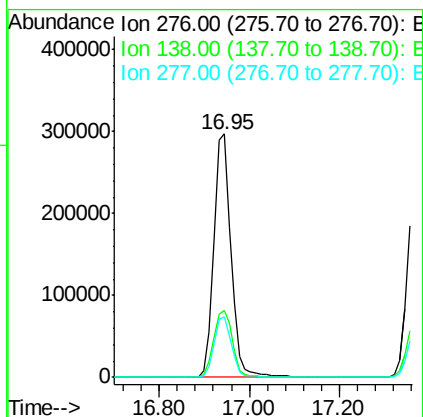
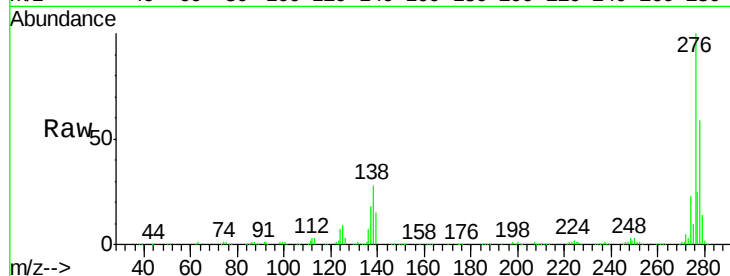




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.99 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

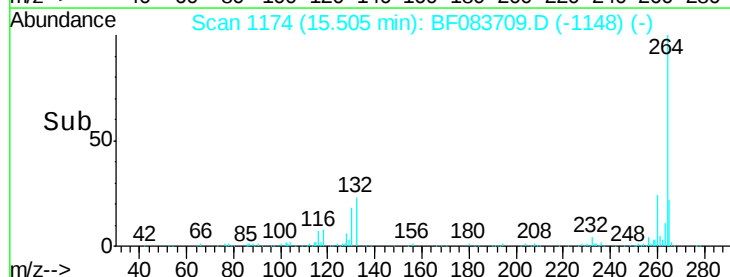
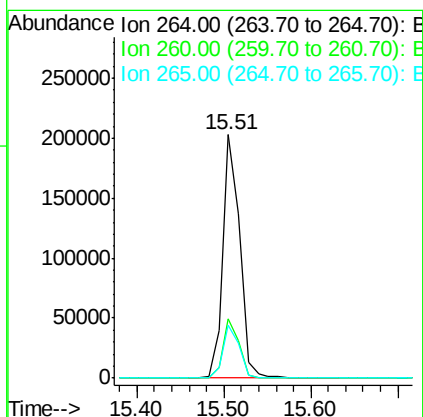
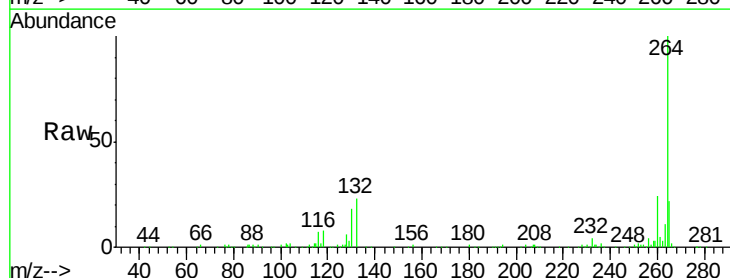
Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

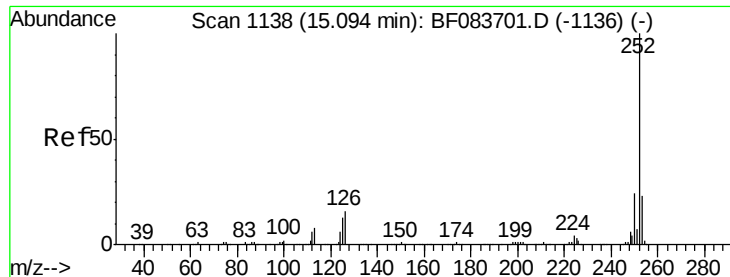
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	0.0	0.0#
277	25.3	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.9	17.8	26.6

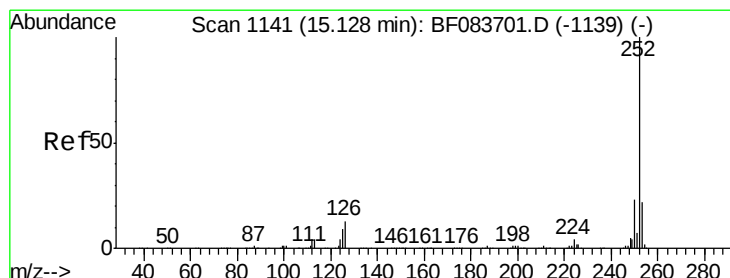
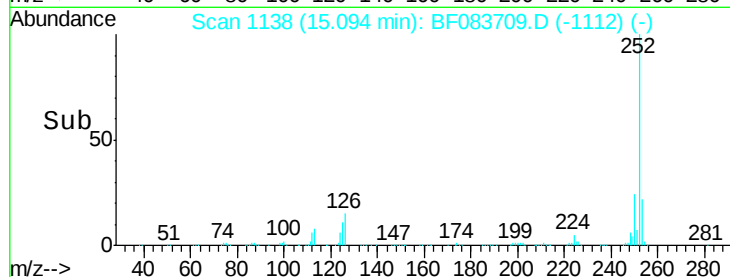
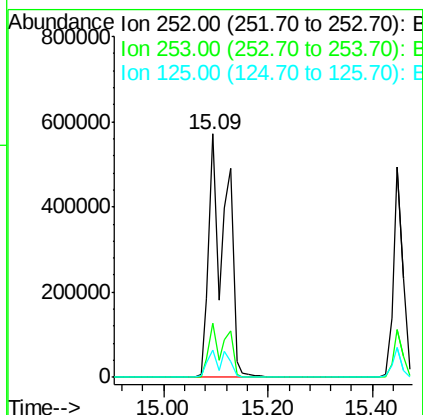
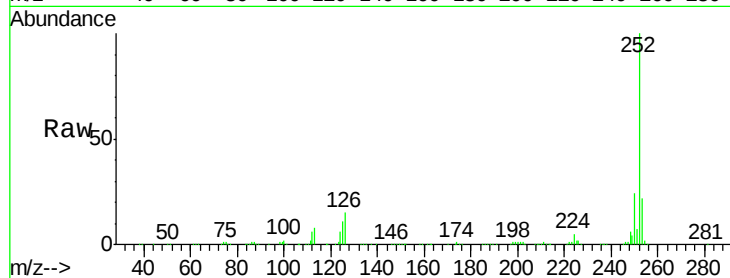




#87
Benzo(b)fluoranthene
Concen: 75.90 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

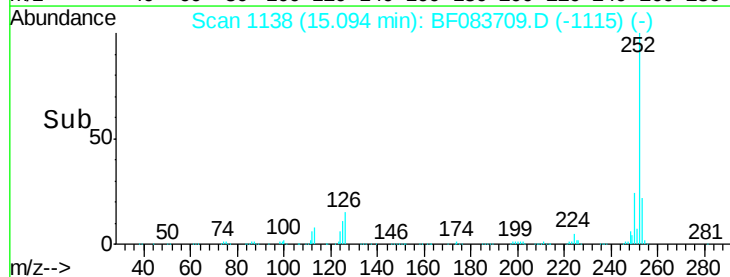
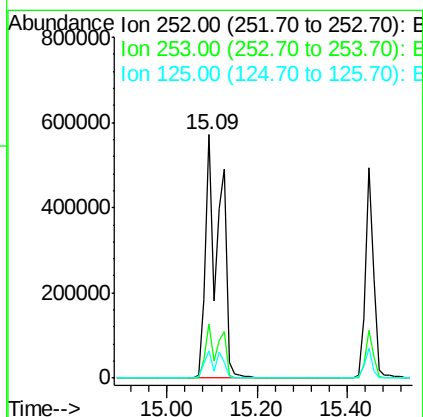
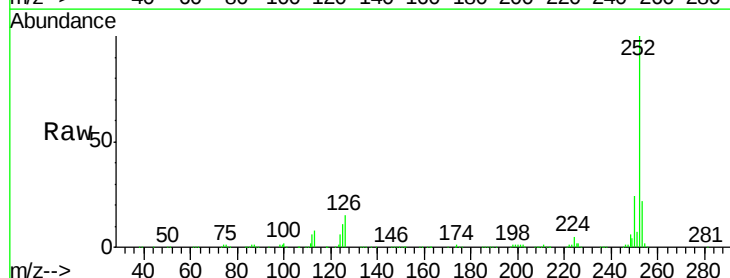
Instrument :
BNA_F
ClientSampleId :
PB87192BS

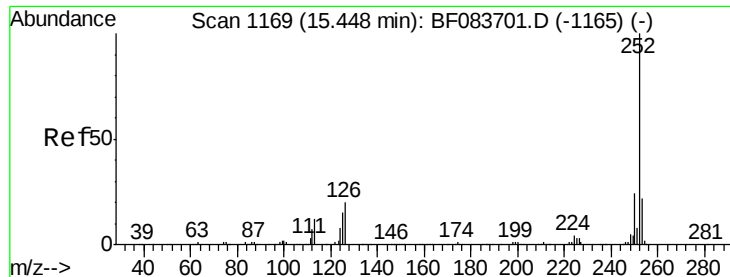
Tgt Ion:252 Resp: 1308021
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 11.5 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 79.68 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion:252 Resp: 1309401
Ion Ratio Lower Upper
252 100
253 22.4 18.6 27.8
125 11.5 11.5 17.3#





#89

Benzo(a)pyrene

Concen: 40.20 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

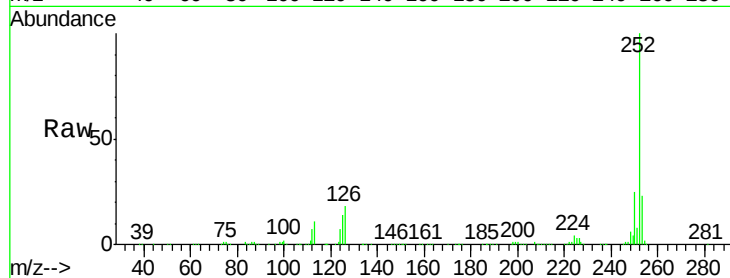
Tgt Ion:252 Resp: 629955

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

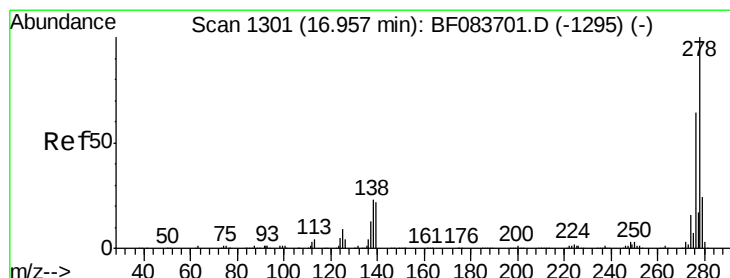
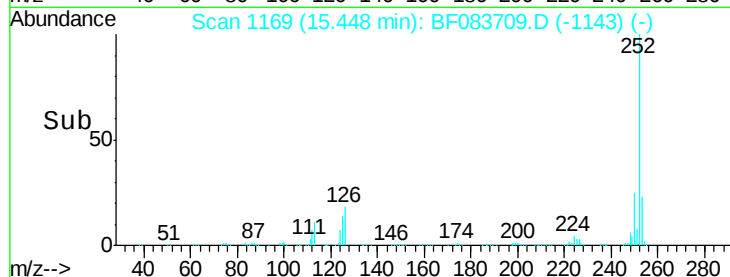
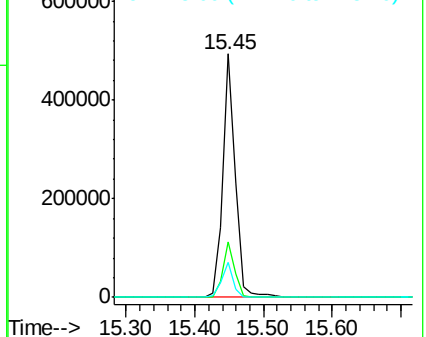
125 14.4 11.0 16.6



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: 42.73 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

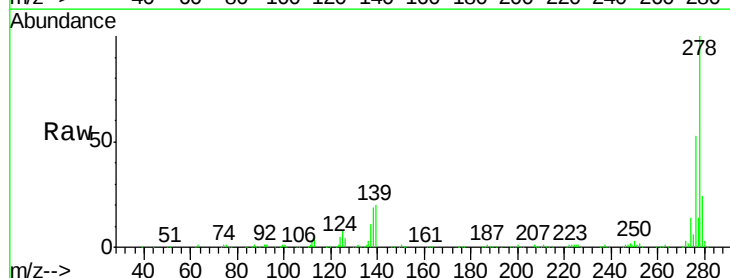
Tgt Ion:278 Resp: 663424

Ion Ratio Lower Upper

278 100

139 20.4 12.8 19.2#

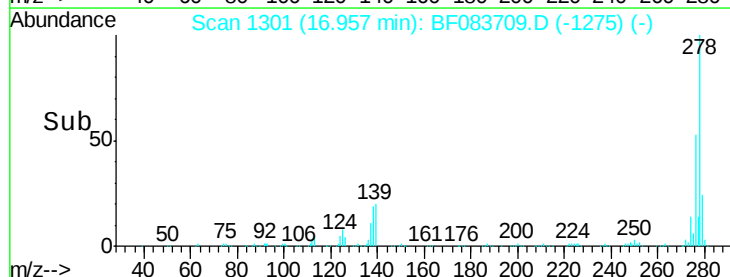
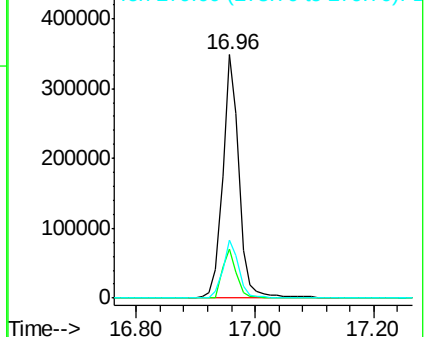
279 24.0 18.6 28.0

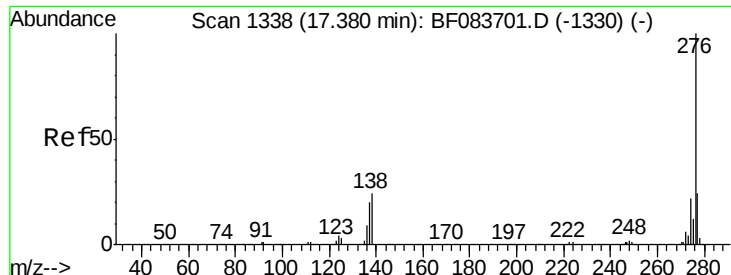


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.82 ng

RT: 17.37 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

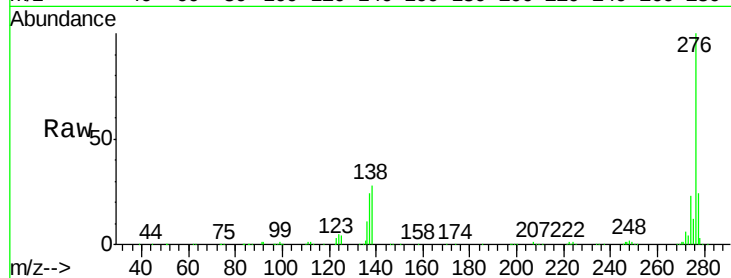
Tgt Ion: 276 Resp: 684534

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 27.5 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

