

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081834.D
 Acq On : 26 Sep 2015 18:26
 Operator : UM/IZ
 Sample : G3779-01MS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

Quant Time: Sep 28 03:16:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	110906	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	439788	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	208785	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	373446	20.00	ng	0.00
75) Chrysene-d12	14.12	240	286689	20.00	ng	0.00
86) Perylene-d12	15.59	264	301882	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	761351	116.14	ng	0.00
7) Phenol-d6	6.57	99	1050105	126.64	ng	0.00
23) Nitrobenzene-d5	7.51	82	627309	94.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	265376	146.40	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1032959	81.22	ng	-0.01
78) Terphenyl-d14	13.06	244	977015	77.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	109724	33.81	ng	90
3) Pyridine	3.38	79	328769	35.92	ng	89
4) n-Nitrosodimethylamine	3.35	42	163342	37.81	ng	99
6) Aniline	6.61	93	223171	17.98	ng	93
8) 2-Chlorophenol	6.72	128	306388	42.42	ng	# 82
9) Benzaldehyde	6.49	77	80810	16.48	ng	93
10) Phenol	6.58	94	466701	48.46	ng	71
11) bis(2-Chloroethyl)ether	6.67	93	286887	40.62	ng	95
12) 1,3-Dichlorobenzene	6.88	146	369826	43.26	ng	# 94
13) 1,4-Dichlorobenzene	6.96	146	383387	44.33	ng	# 96
14) 1,2-Dichlorobenzene	6.96	146	383387	47.65	ng	97
15) Benzyl Alcohol	7.09	79	280968	42.96	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	7.22	45	506075	41.88	ng	86
17) 2-Methylphenol	7.19	107	259195	42.48	ng	# 83
18) Hexachloroethane	7.45	117	119135	42.30	ng	# 86
19) n-Nitroso-di-n-propylamine	7.36	70	234554	42.43	ng	# 78
20) 3+4-Methylphenols	7.35	107	350087	45.67	ng	# 70
22) Acetophenone	7.35	105	431128	44.70	ng	# 72
24) Nitrobenzene	7.53	77	374314	50.34	ng	# 77
25) Isophorone	7.77	82	618784	41.91	ng	# 96
26) 2-Nitrophenol	7.84	139	154502	57.20	ng	# 53
27) 2,4-Dimethylphenol	7.87	122	283522	42.34	ng	# 80
28) bis(2-Chloroethoxy)methane	7.98	93	387009	44.87	ng	# 93
29) 2,4-Dichlorophenol	8.08	162	287420	46.10	ng	95
30) 1,2,4-Trichlorobenzene	8.17	180	315647	45.11	ng	98
31) Naphthalene	8.25	128	1027166	50.63	ng	97
32) Benzoic acid	7.87	122	283522	217.44	ng	# 31
33) 4-Chloroaniline	8.30	127	108407	12.17	ng	# 92
34) Hexachlorobutadiene	8.37	225	184580	44.72	ng	99
35) Caprolactam	8.67	113	74162	44.53	ng	98
36) 4-Chloro-3-methylphenol	8.78	107	280267	44.86	ng	# 82
37) 2-Methylnaphthalene	8.94	142	625382	43.26	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	317684	47.67	ng	# 98
40) Hexachlorocyclopentadiene	9.09	237	85499	29.94	ng	96

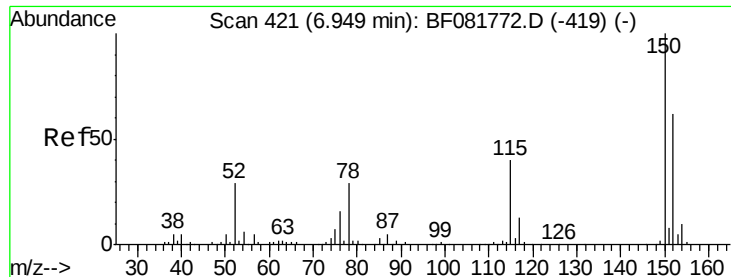
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	217014	49.43	ng	98
43) 2,4,5-Trichlorophenol	9.26	196	219963	50.92	ng #	96
45) 1,1'-Biphenyl	9.41	154	723764	44.34	ng	94
46) 2-Chloronaphthalene	9.43	162	559523	42.61	ng #	93
47) 2-Nitroaniline	9.53	65	205563	58.86	ng	88
48) Acenaphthylene	9.85	152	1014535	45.65	ng	96
49) Dimethylphthalate	9.71	163	1031005	64.90	ng #	98
50) 2,6-Dinitrotoluene	9.77	165	155674	50.76	ng #	68
51) Acenaphthene	10.02	154	613678	47.91	ng	88
52) 3-Nitroaniline	9.94	138	91680	27.57	ng	97
53) 2,4-Dinitrophenol	10.03	184	13537	43.85	ng #	1
54) Dibenzofuran	10.19	168	926292	49.30	ng #	92
55) 4-Nitrophenol	10.09	139	241034	105.09	ng #	47
56) 2,4-Dinitrotoluene	10.17	165	193090	52.59	ng #	77
57) Fluorene	10.54	166	709774	49.23	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.31	232	190879	57.89	ng	93
59) Diethylphthalate	10.41	149	695682	45.21	ng	96
60) 4-Chlorophenyl-phenylether	10.53	204	297616	44.97	ng	89
61) 4-Nitroaniline	10.55	138	139864	43.29	ng #	45
62) Azobenzene	10.69	77	678517	43.13	ng	94
64) 4,6-Dinitro-2-methylphenol	10.57	198	26697	38.39	ng #	68
65) n-Nitrosodiphenylamine	10.64	169	567126	45.03	ng	91
66) 4-Bromophenyl-phenylether	11.02	248	196469	47.25	ng	97
67) Hexachlorobenzene	11.07	284	201344	46.41	ng #	85
68) Atrazine	11.18	200	195905	52.03	ng	85
69) Pentachlorophenol	11.27	266	213767	88.49	ng	98
70) Phenanthrene	11.55	178	1117094	52.32	ng	96
71) Anthracene	11.55	178	1117094	54.30	ng	97
72) Carbazole	11.70	167	830475	43.48	ng	94
73) Di-n-butylphthalate	12.03	149	1014788	43.65	ng #	99
74) Fluoranthene	12.69	202	1324395	61.56	ng	92
76) Benzidine	12.81	184	374572	38.50	ng #	98
77) Pyrene	12.92	202	1297705	60.04	ng #	94
79) Butylbenzylphthalate	13.53	149	346600	40.24	ng	89
80) Benzo(a)anthracene	14.10	228	1004902	57.81	ng	94
81) 3,3'-Dichlorobenzidine	14.07	252	160598	29.08	ng #	93
82) Chrysene	14.15	228	898869	53.91	ng	94
83) Bis(2-ethylhexyl)phthalate	14.09	149	480260	45.98	ng #	94
84) Di-n-octyl phthalate	14.71	149	772851	50.32	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.06	276	871381	57.09	ng #	85
87) Benzo(b)fluoranthene	15.19	252	1864586	104.16	ng #	86
88) Benzo(k)fluoranthene	15.19	252	1864586	108.13	ng #	87
89) Benzo(a)pyrene	15.53	252	932637	57.70	ng #	84
90) Dibenzo(a,h)anthracene	17.08	278	654285	38.85	ng #	81
91) Benzo(g,h,i)perylene	17.51	276	715757	41.22	ng #	74

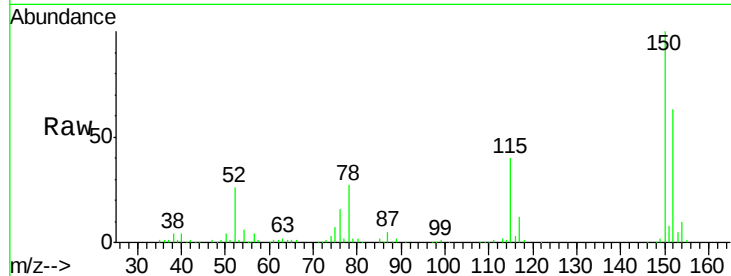
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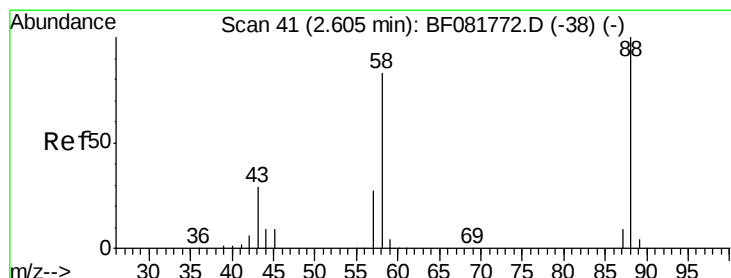
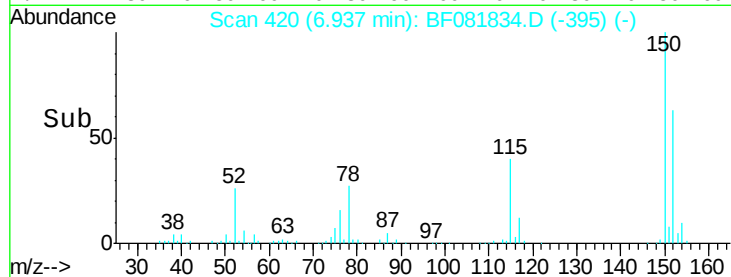
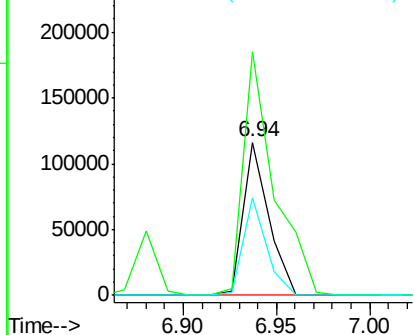
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

Tgt Ion: 152 Resp: 110906
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.7 187.1
 115 63.8 39.0 58.4#

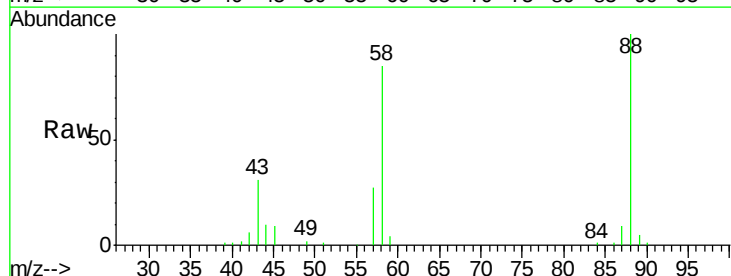


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

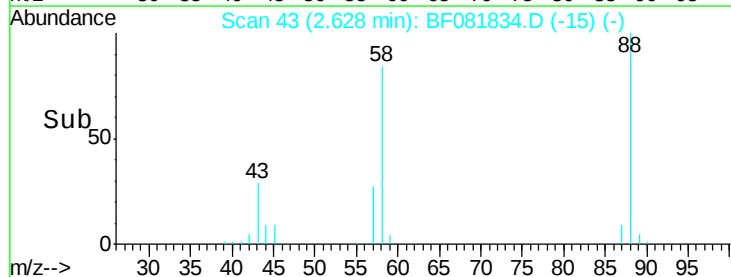
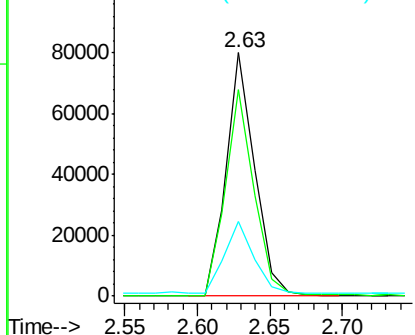


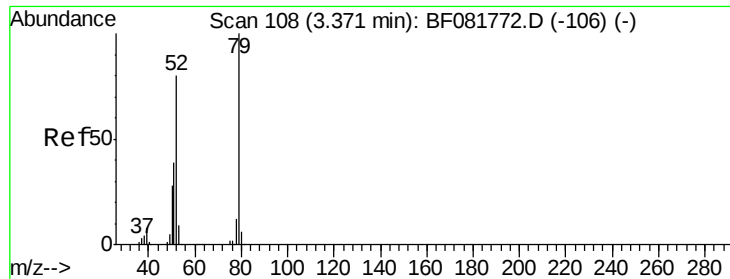
#2
 1,4-Dioxane
 Concen: 33.81 ng
 RT: 2.63 min Scan# 43
 Delta R.T. 0.02 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion: 88 Resp: 109724
 Ion Ratio Lower Upper
 88 100
 58 86.0 77.7 116.5
 43 30.3 26.6 40.0



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: 35.92 ng

RT: 3.38 min Scan# 109

Delta R.T. 0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

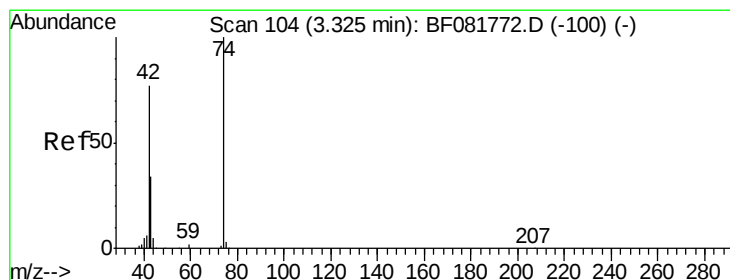
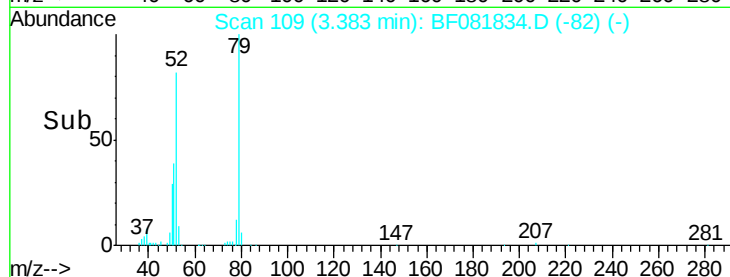
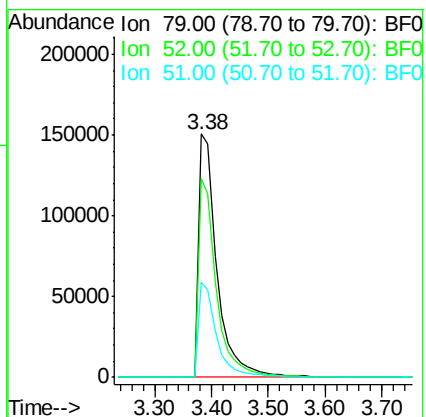
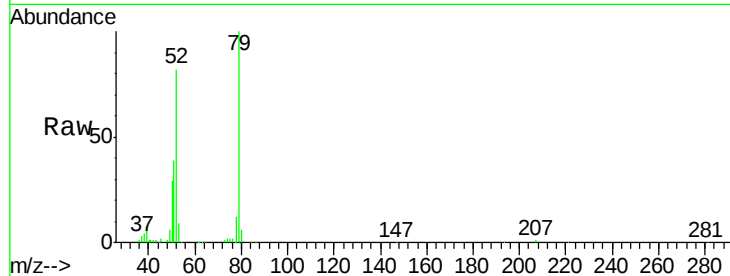
Tgt Ion: 79 Resp: 328769

Ion Ratio Lower Upper

79 100

52 81.8 76.8 115.2

51 38.9 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 37.81 ng

RT: 3.35 min Scan# 106

Delta R.T. 0.02 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

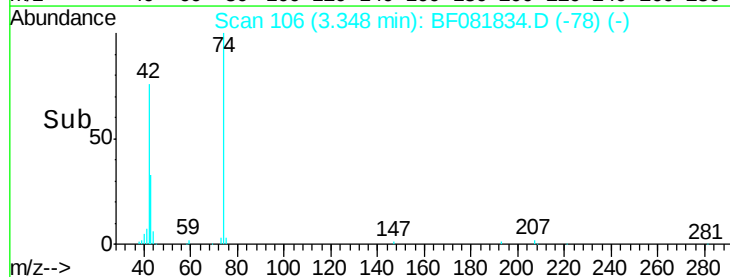
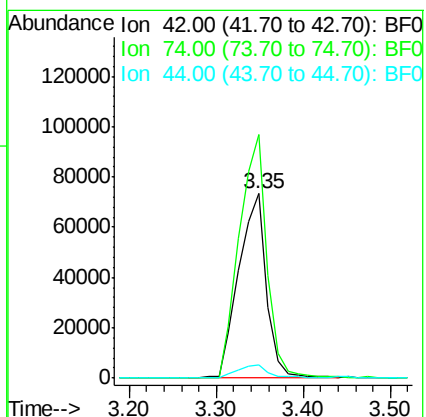
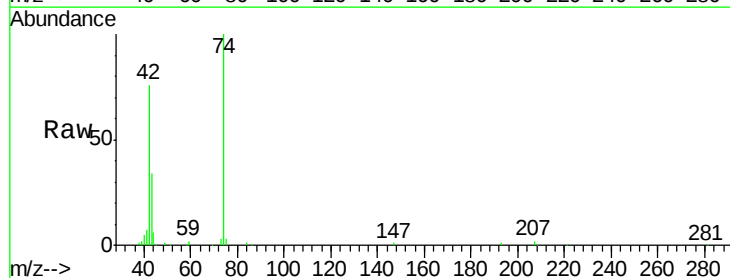
Tgt Ion: 42 Resp: 163342

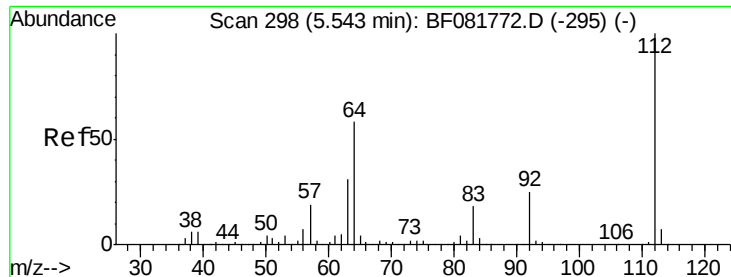
Ion Ratio Lower Upper

42 100

74 132.2 105.0 157.6

44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 116.14 ng

RT: 5.54 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

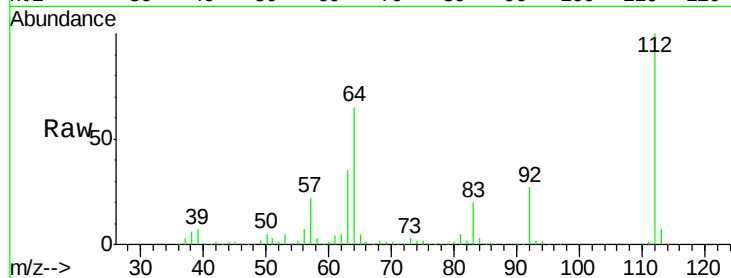
Tgt Ion: 112 Resp: 761351

Ion Ratio Lower Upper

112 100

64 65.5 39.7 59.5#

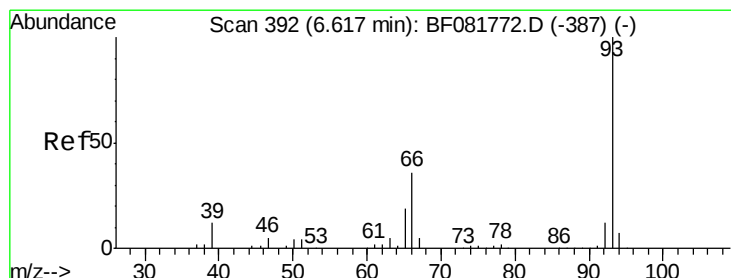
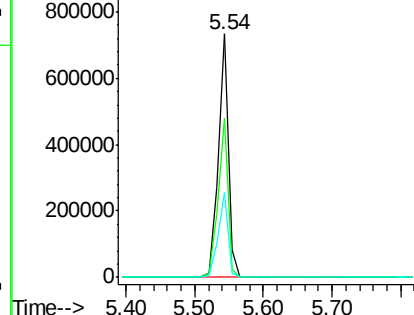
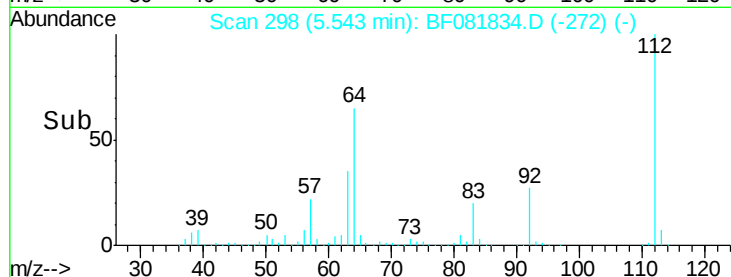
63 35.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.98 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

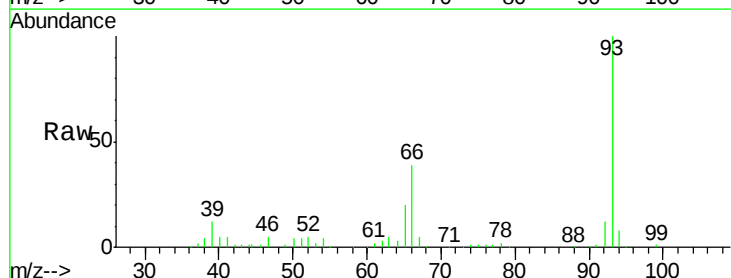
Tgt Ion: 93 Resp: 223171

Ion Ratio Lower Upper

93 100

66 39.4 27.2 40.8

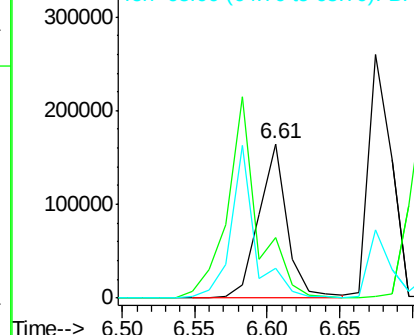
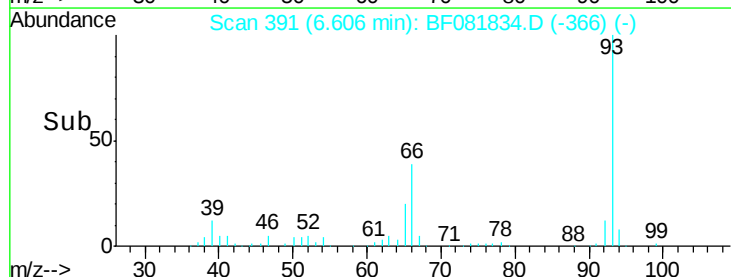
65 19.6 14.7 22.1

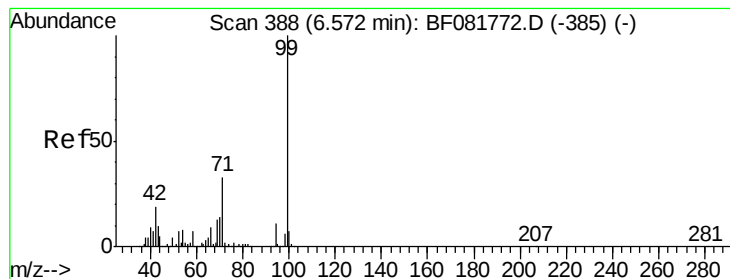


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.64 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

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S1-18MS

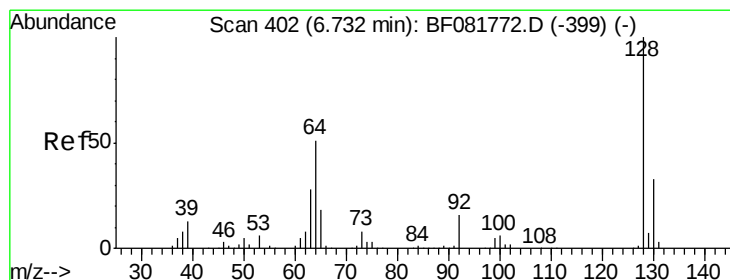
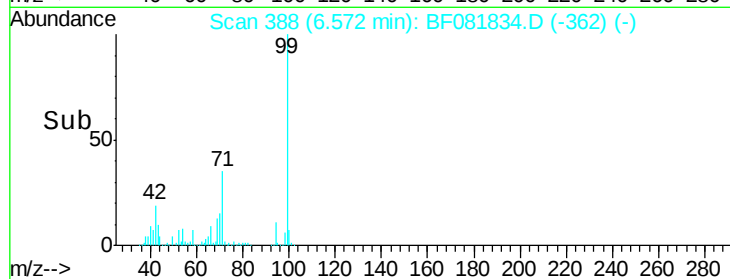
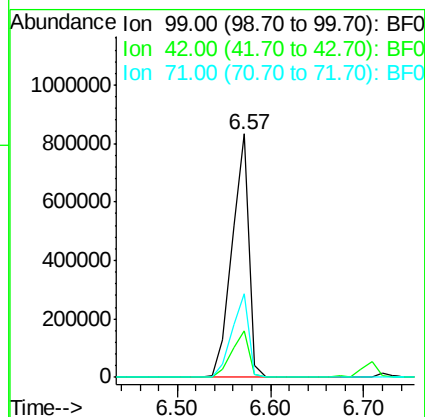
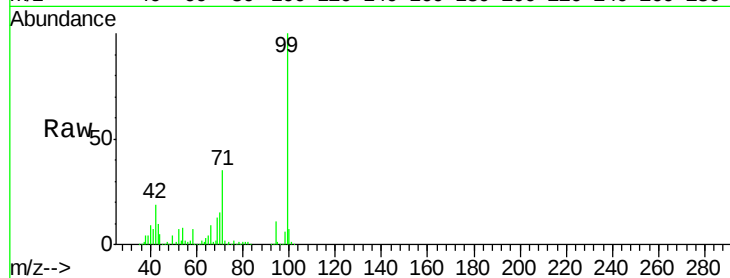
Tgt Ion: 99 Resp: 1050105

Ion Ratio Lower Upper

99 100

42 19.0 13.7 20.5

71 34.5 14.2 21.2#



#8

2-Chlorophenol

Concen: 42.42 ng

RT: 6.72 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

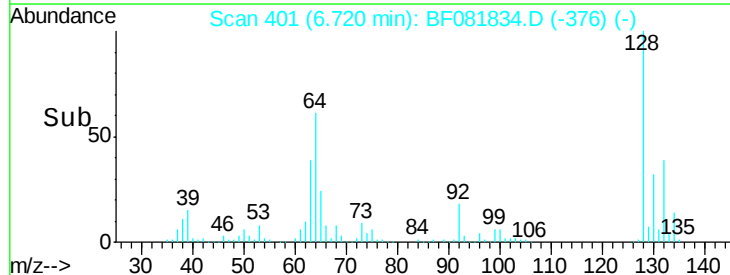
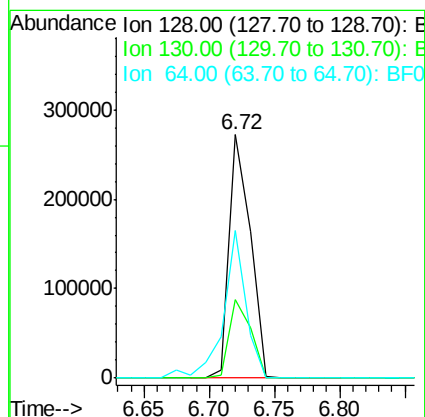
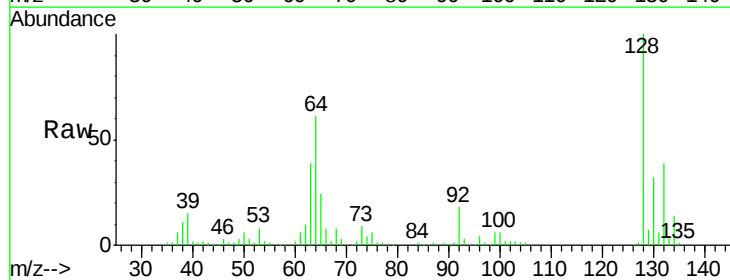
Tgt Ion: 128 Resp: 306388

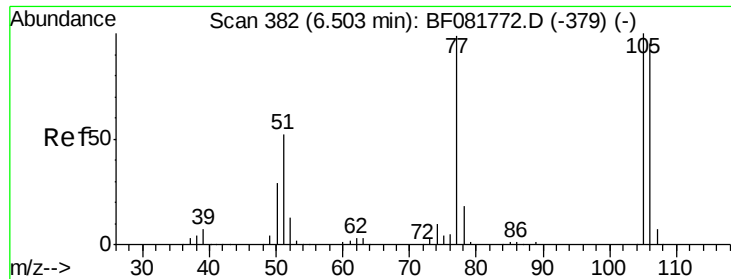
Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

64 60.8 20.5 60.5#

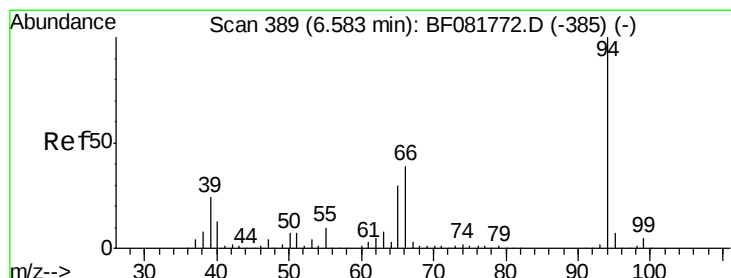
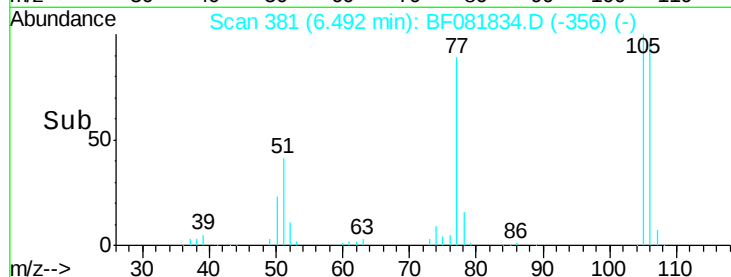
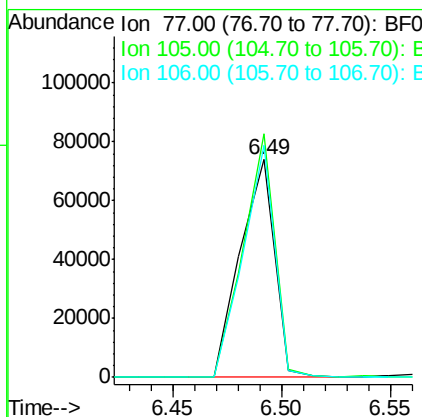
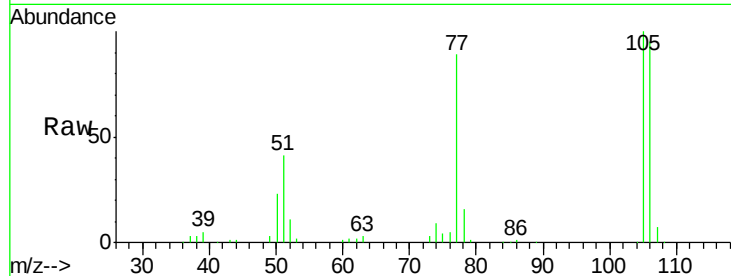




#9
Benzaldehyde
Concen: 16.48 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

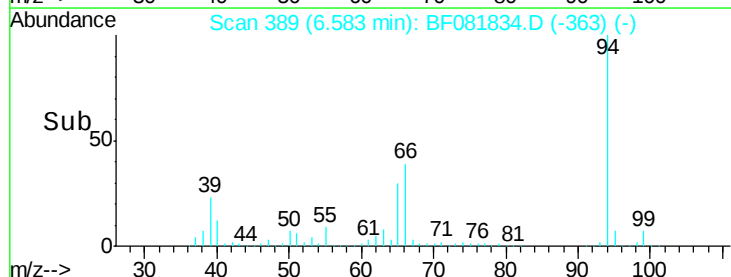
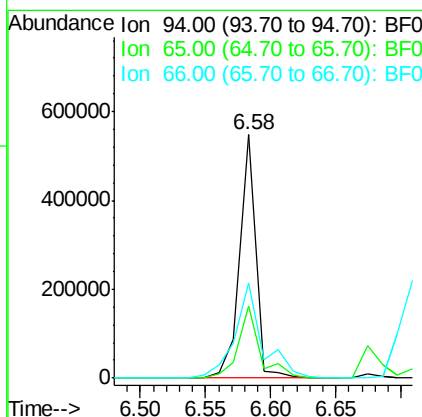
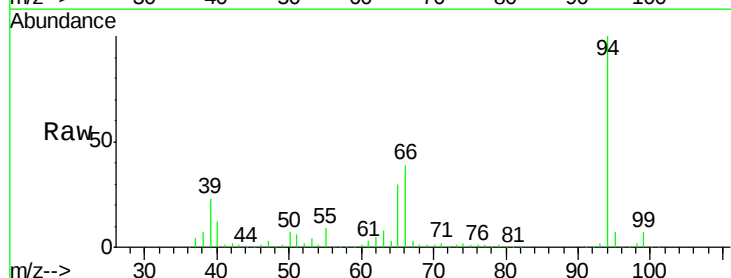
Instrument :
BNA_F
ClientSampleId :
S1-18MS

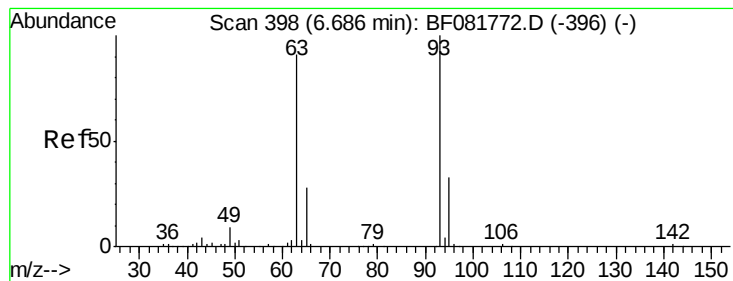
Tgt Ion: 77 Resp: 80810
Ion Ratio Lower Upper
77 100
105 111.9 91.6 131.6
106 106.8 102.6 142.6



#10
Phenol
Concen: 48.46 ng
RT: 6.58 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Tgt Ion: 94 Resp: 466701
Ion Ratio Lower Upper
94 100
65 29.7 0.7 40.7
66 39.2 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 40.62 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

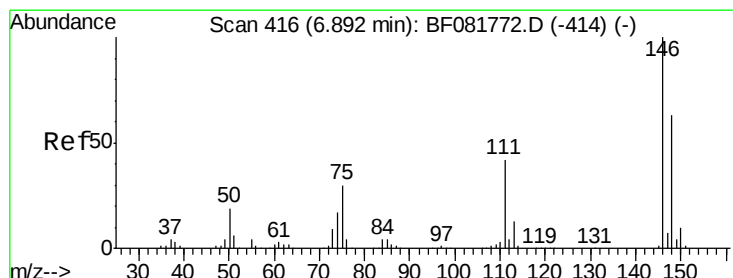
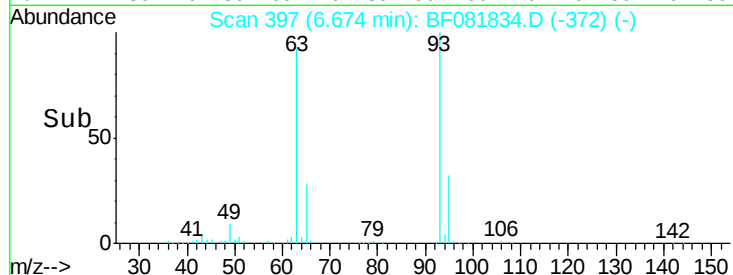
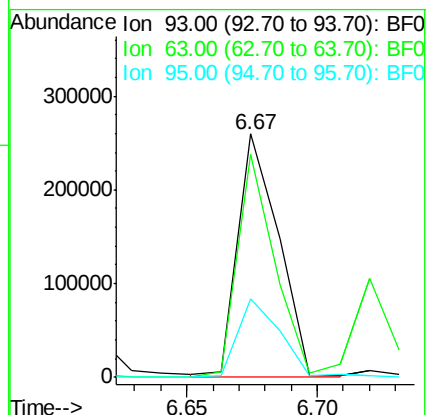
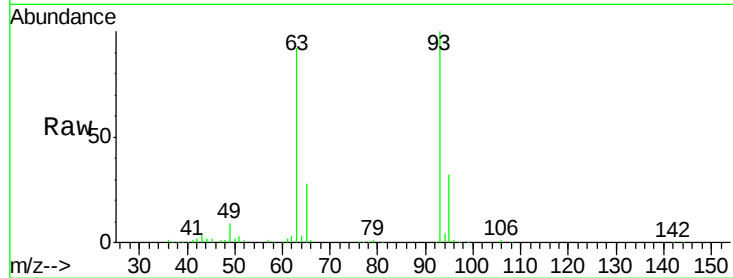
Tgt Ion: 93 Resp: 286887

Ion Ratio Lower Upper

93 100

63 91.7 65.6 105.6

95 32.1 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 43.26 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

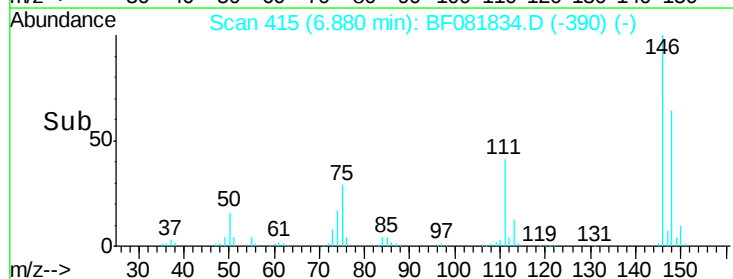
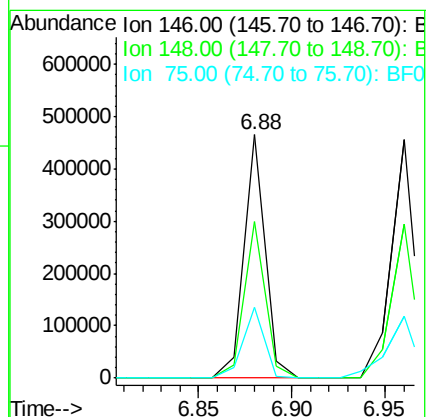
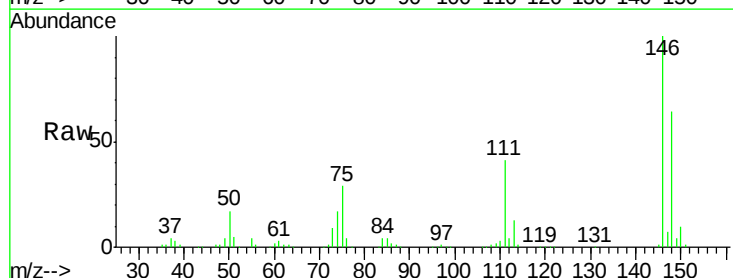
Tgt Ion: 146 Resp: 369826

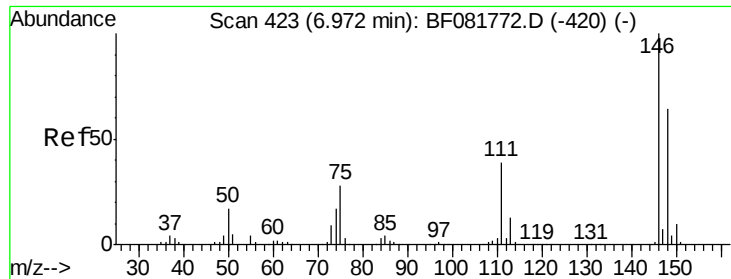
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

75 29.2 15.0 22.6#

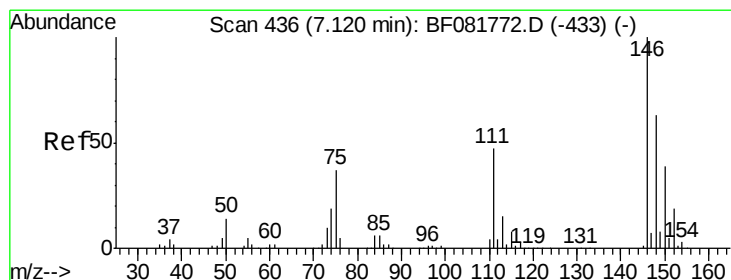
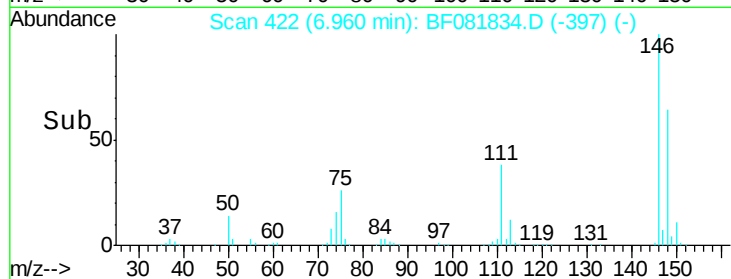
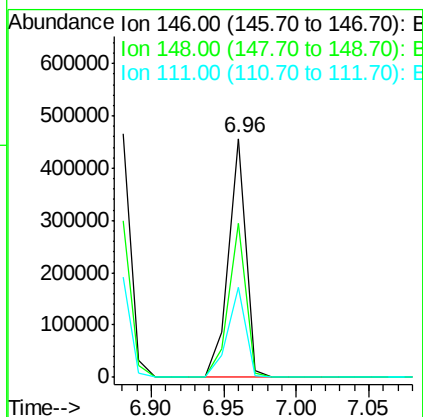
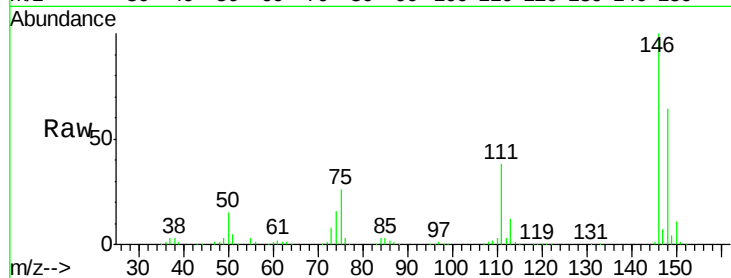




#13
 1,4-Dichlorobenzene
 Concen: 44.33 ng
 RT: 6.96 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

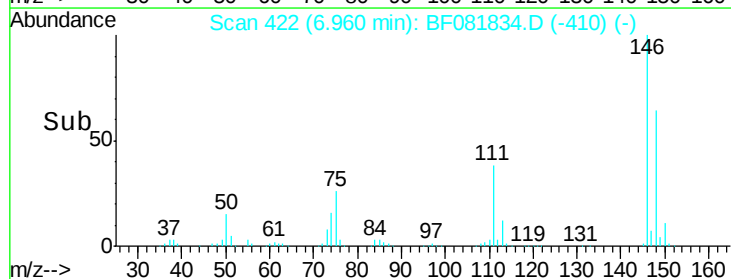
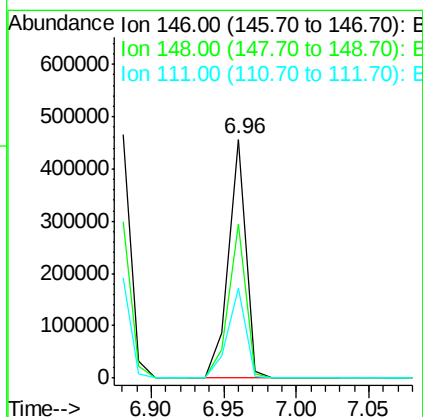
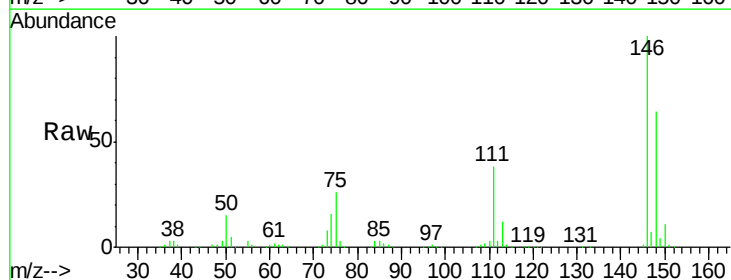
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

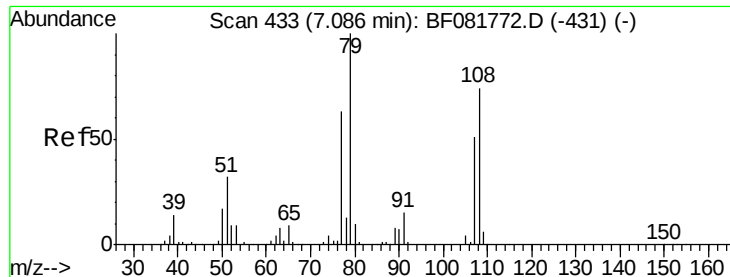
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	37.9	24.9	37.3#



#14
 1,2-Dichlorobenzene
 Concen: 47.65 ng
 RT: 6.96 min Scan# 422
 Delta R.T. -0.16 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.7	79.1
111	37.9	28.8	43.2

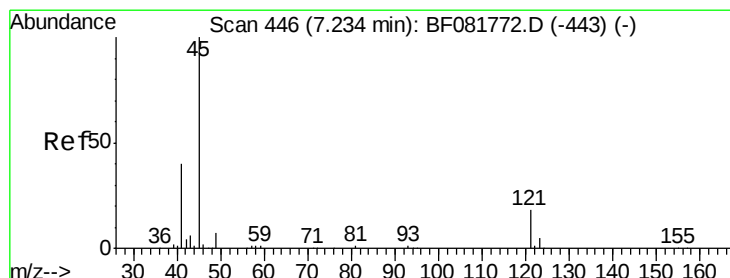
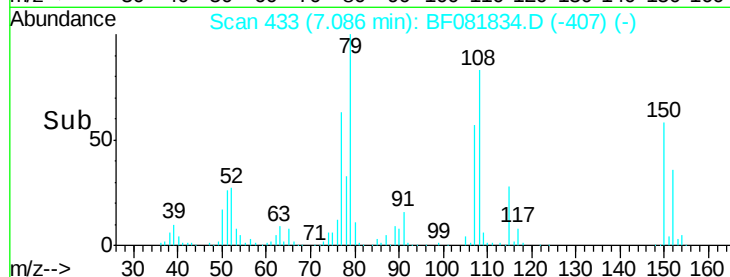
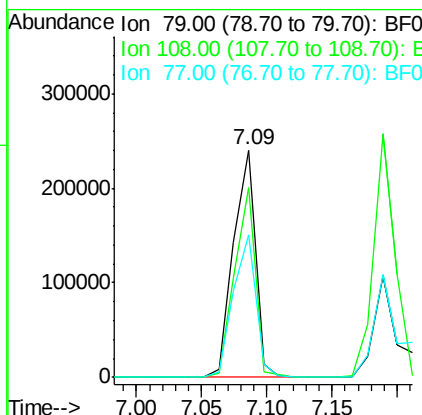
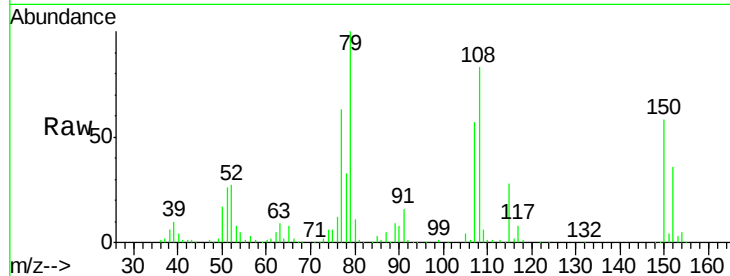




#15
Benzyl Alcohol
Concen: 42.96 ng
RT: 7.09 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

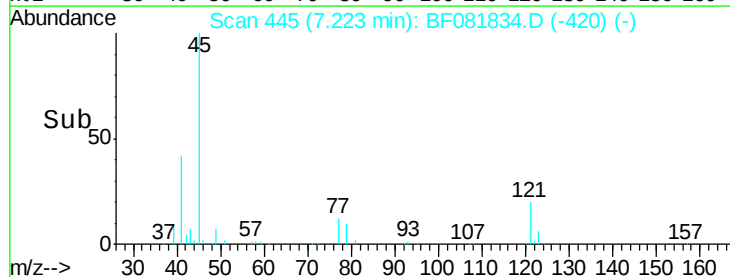
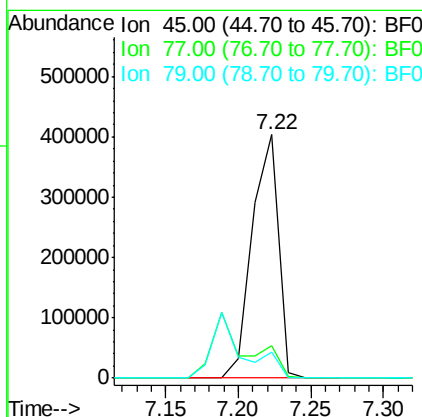
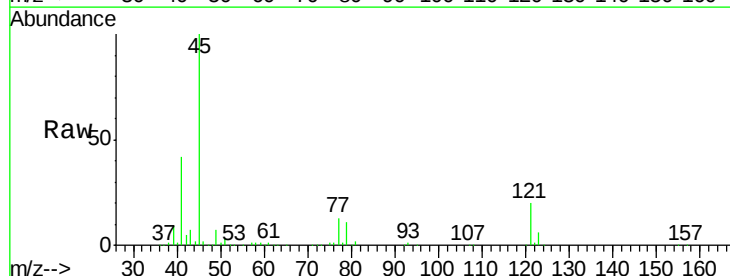
Instrument :
BNA_F
ClientSampleId :
S1-18MS

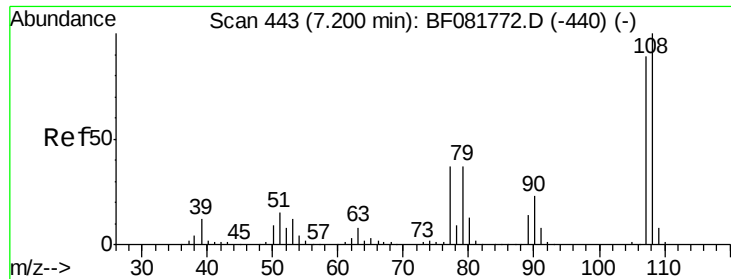
Tgt Ion: 79 Resp: 280968
Ion Ratio Lower Upper
79 100
108 83.4 88.6 132.8#
77 62.7 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.88 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Tgt Ion: 45 Resp: 506075
Ion Ratio Lower Upper
45 100
77 13.2 0.0 28.1
79 10.6 0.0 26.0

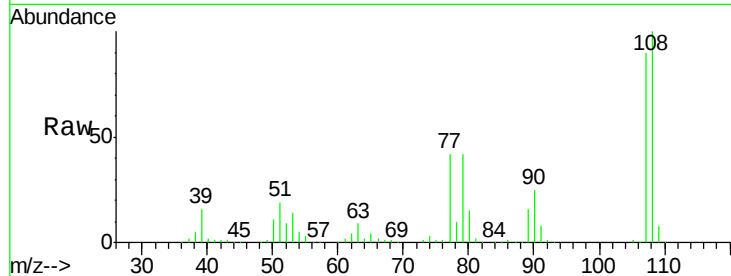




#17
2-Methylphenol
Concen: 42.48 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Instrument :
BNA_F
ClientSampleId :
S1-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	259195	96.6	145.0
77	47.4		23.3	34.9#
79	46.8		22.0	33.0#



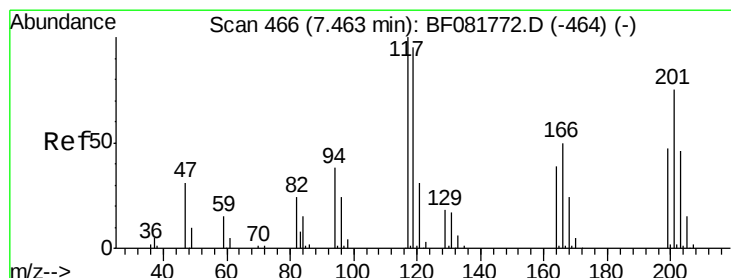
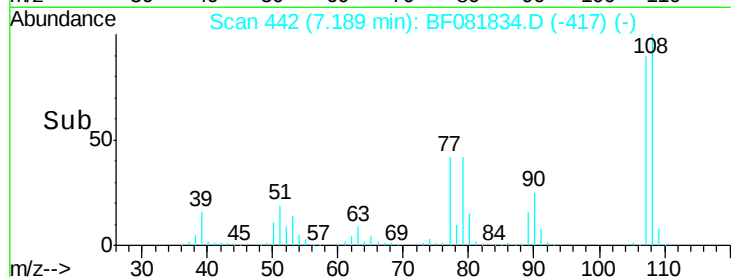
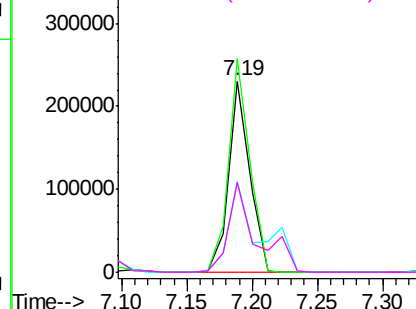
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

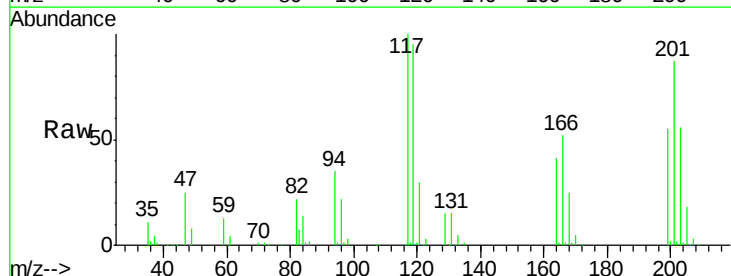
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.30 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119135		
119	95.2		83.8	125.6
201	86.6		55.1	82.7#

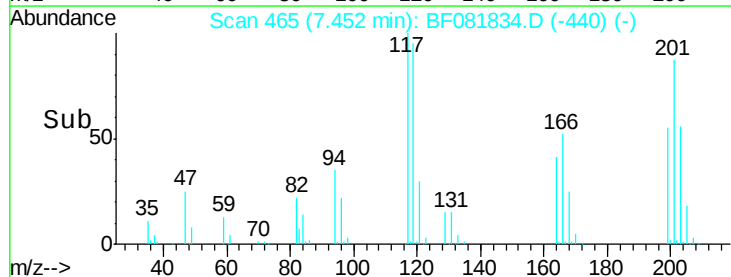
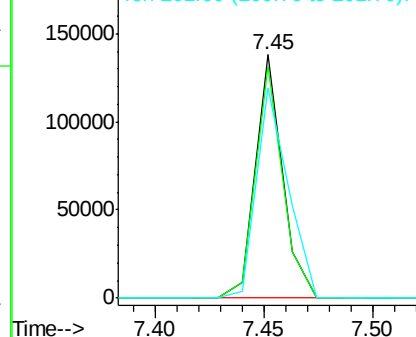


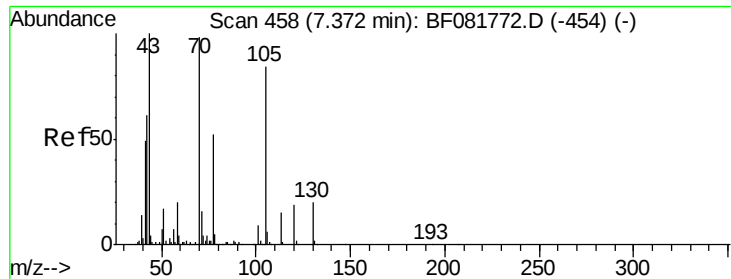
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

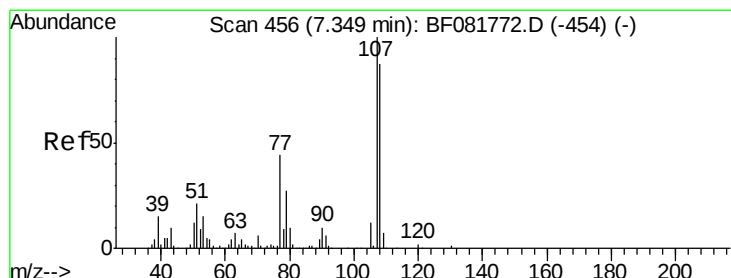
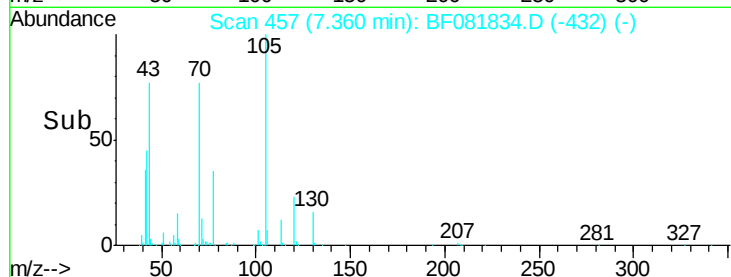
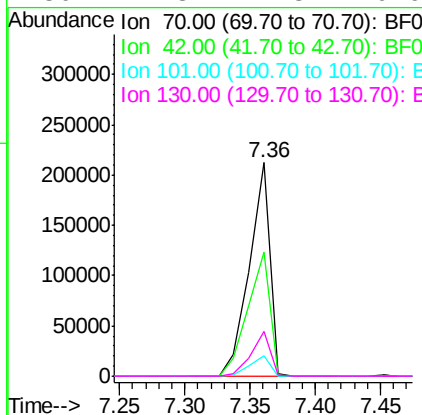
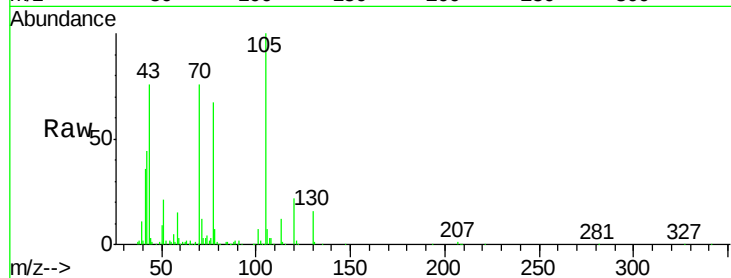




#19
n-Nitroso-di-n-propylamine
Concen: 42.43 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

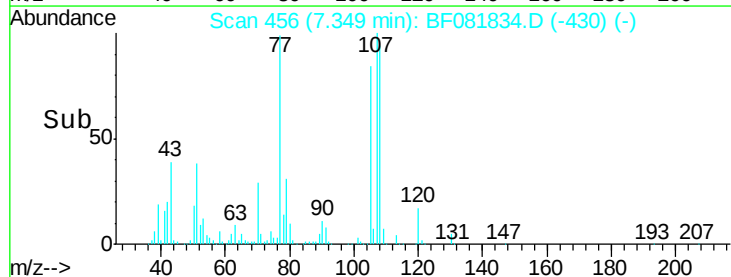
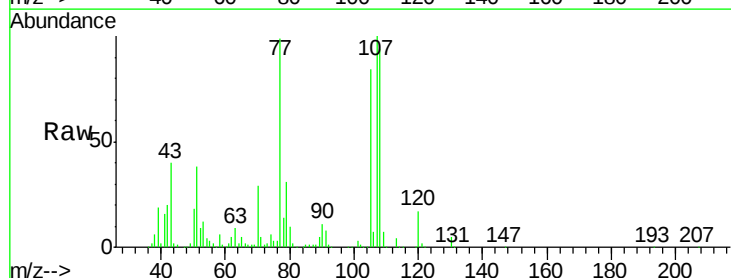
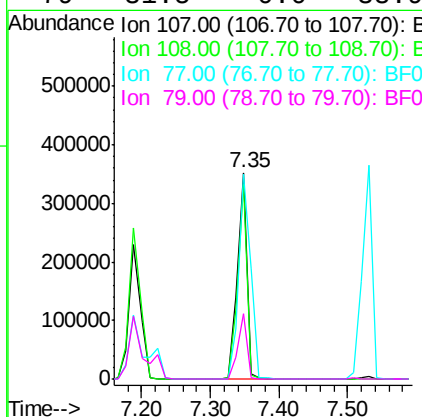
Instrument :
BNA_F
ClientSampleId :
S1-18MS

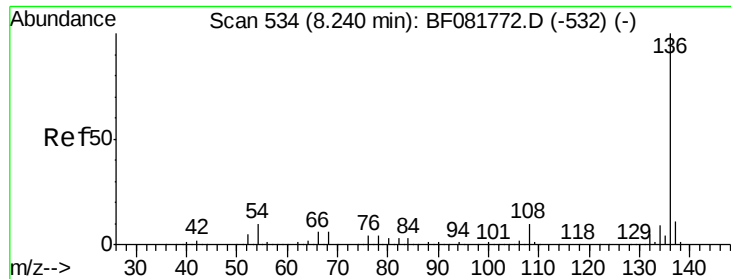
Tgt Ion: 70 Resp: 234554
Ion Ratio Lower Upper
70 100
42 58.4 63.8 95.6#
101 9.7 9.2 13.8
130 21.3 27.3 40.9#



#20
3+4-Methylphenols
Concen: 45.67 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Tgt Ion:107 Resp: 350087
Ion Ratio Lower Upper
107 100
108 93.9 74.6 114.6
77 98.8 0.7 40.7#
79 31.5 0.0 38.9

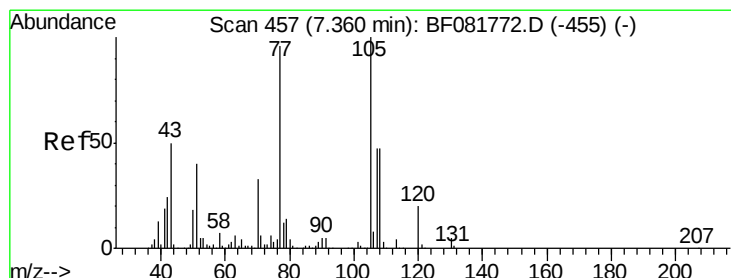
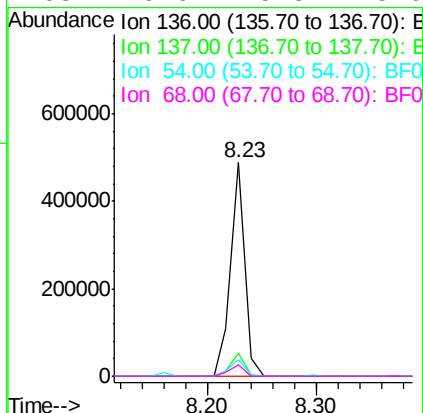
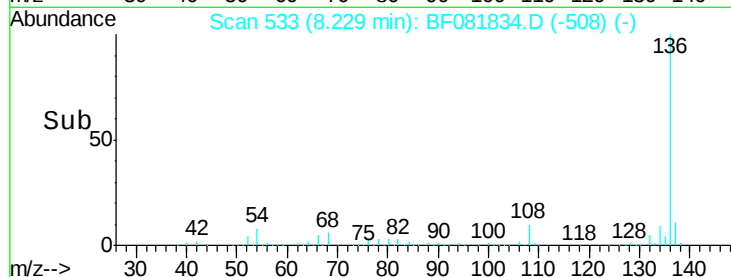
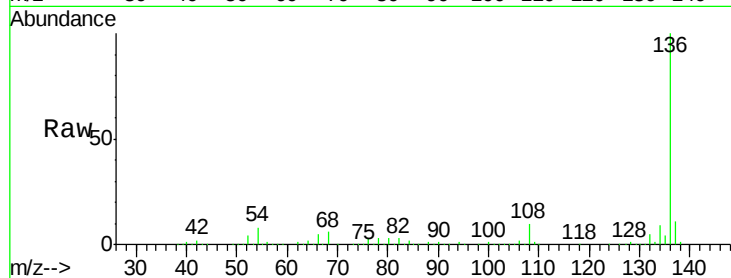




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

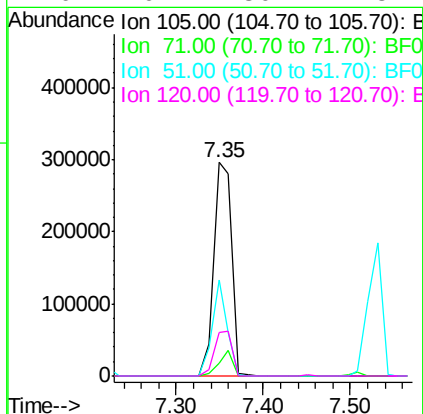
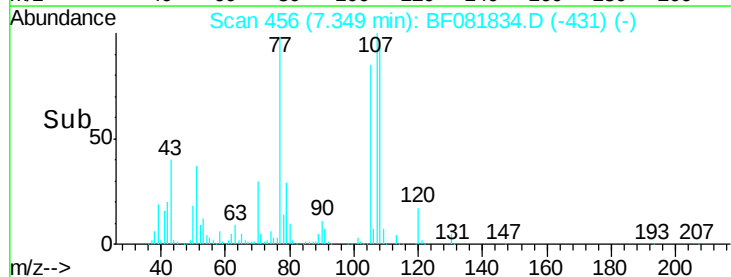
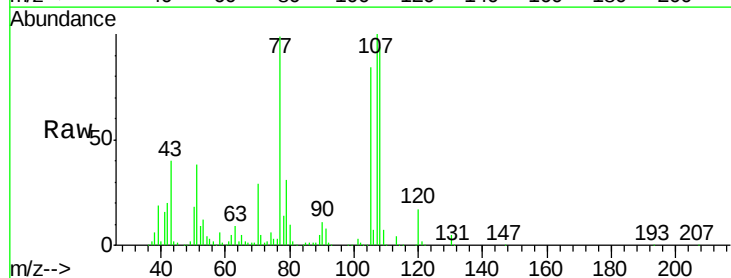
Instrument :
BNA_F
ClientSampleId :
S1-18MS

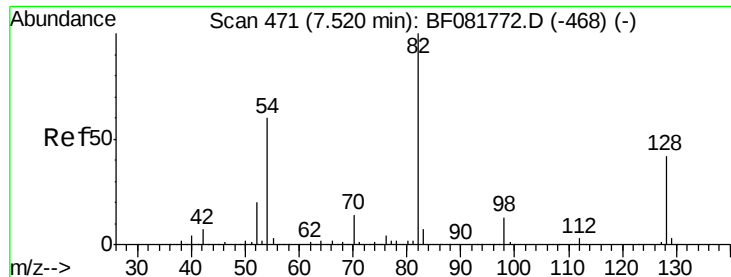
Tgt Ion:	136	Resp:	439788
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	8.1	8.2	12.2#
68	5.6	5.8	8.6#



#22
Acetophenone
Concen: 44.70 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Tgt Ion:	105	Resp:	431128
Ion Ratio	Lower	Upper	
105	100		
71	6.1	4.7	7.1
51	45.0	22.0	33.0#
120	20.2	30.1	45.1#

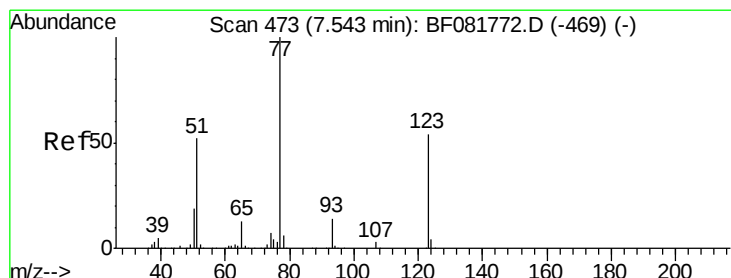
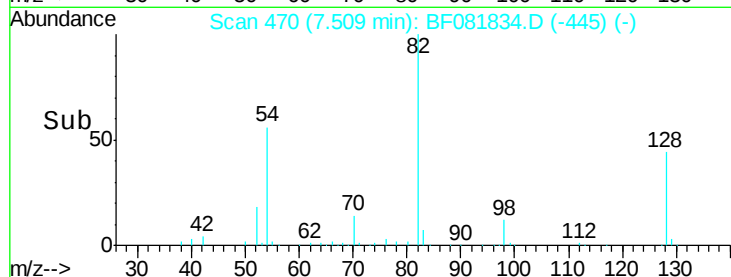
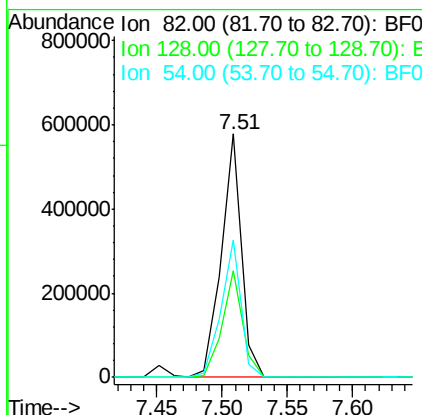
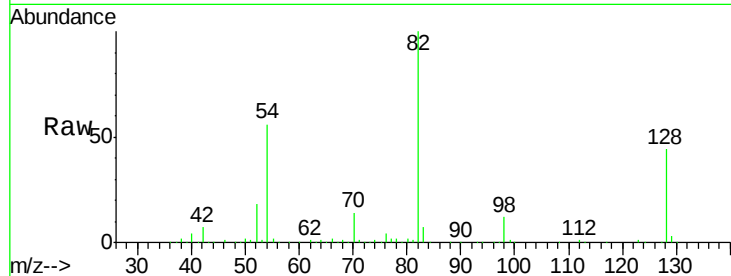




#23
 Nitrobenzene-d5
 Concen: 94.11 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

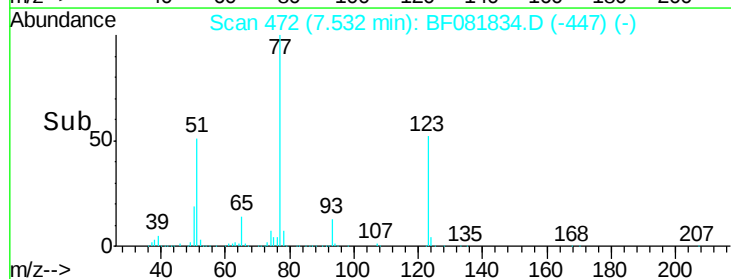
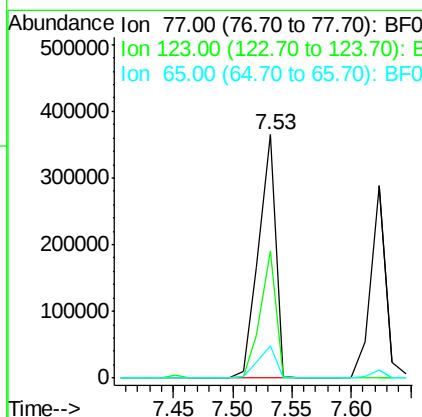
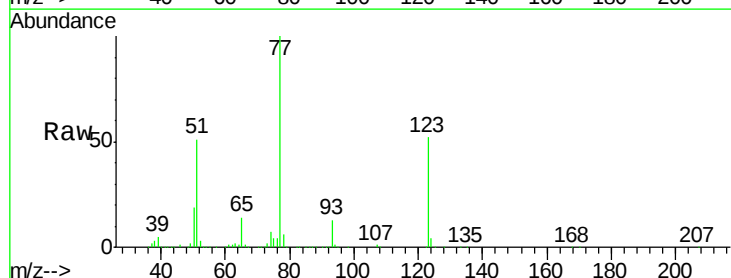
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

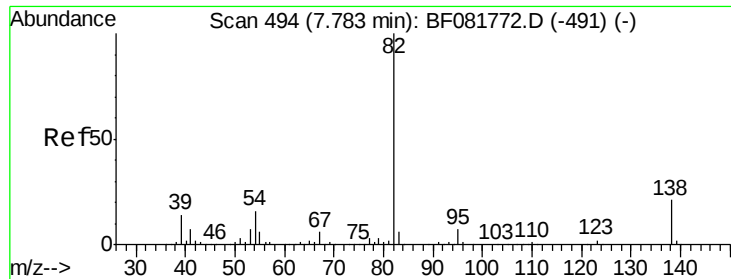
Tgt Ion: 82 Resp: 627309
 Ion Ratio Lower Upper
 82 100
 128 43.7 51.0 76.6#
 54 56.4 47.5 71.3



#24
 Nitrobenzene
 Concen: 50.34 ng
 RT: 7.53 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion: 77 Resp: 374314
 Ion Ratio Lower Upper
 77 100
 123 52.2 59.8 89.8#
 65 13.5 10.2 15.4

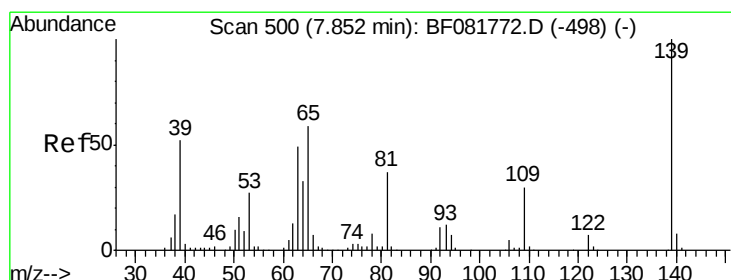
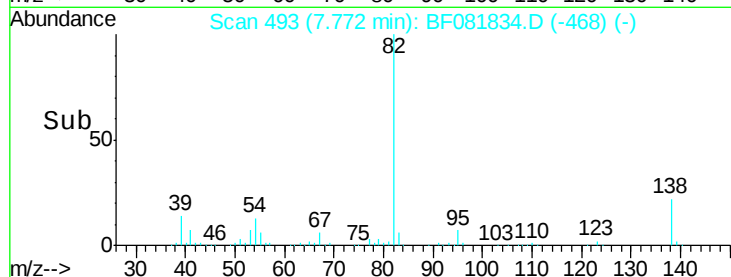
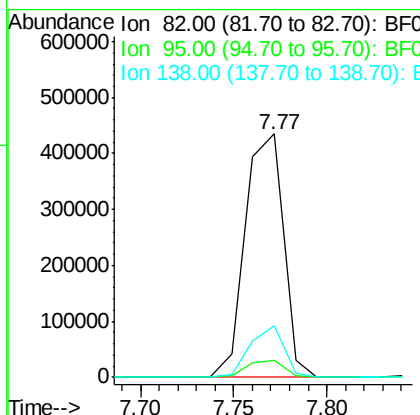
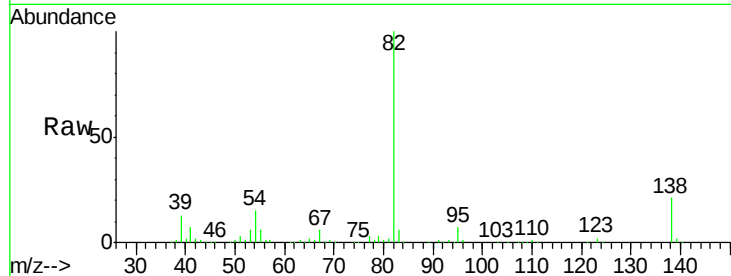




#25
Isophorone
Concen: 41.91 ng
RT: 7.77 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

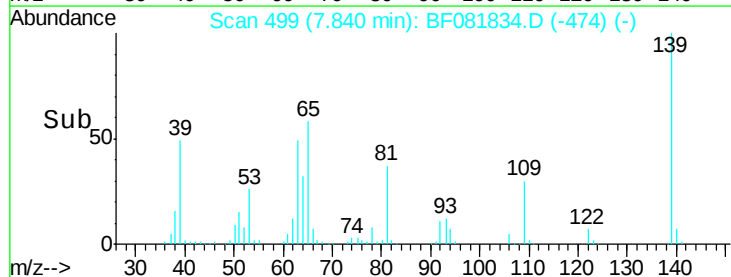
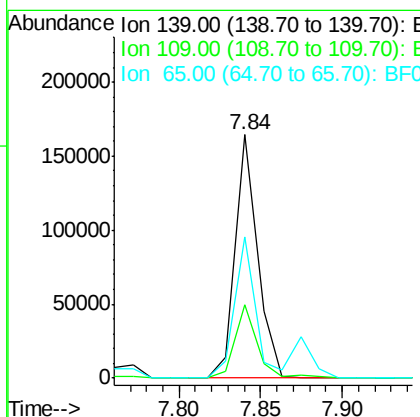
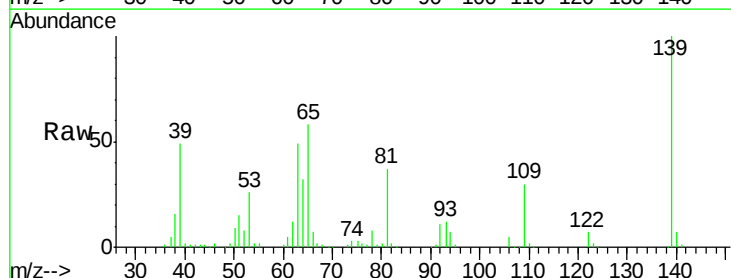
Instrument :
BNA_F
ClientSampleId :
S1-18MS

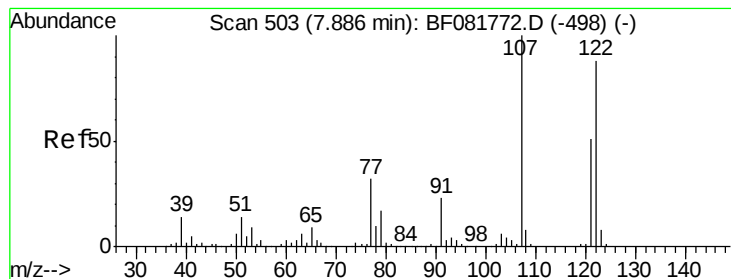
Tgt Ion: 82 Resp: 618784
Ion Ratio Lower Upper
82 100
95 7.1 4.0 6.0#
138 21.2 18.3 27.5



#26
2-Nitrophenol
Concen: 57.20 ng
RT: 7.84 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Tgt Ion: 139 Resp: 154502
Ion Ratio Lower Upper
139 100
109 30.2 11.0 16.4#
65 57.8 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 42.34 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

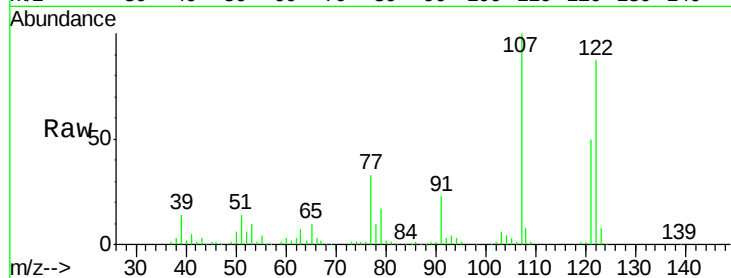
Tgt Ion:122 Resp: 283522

Ion Ratio Lower Upper

122 100

107 115.6 71.8 107.6#

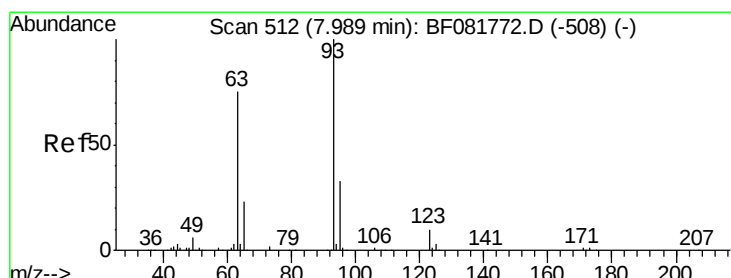
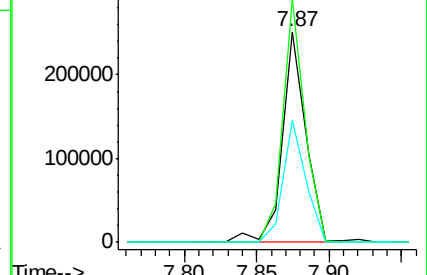
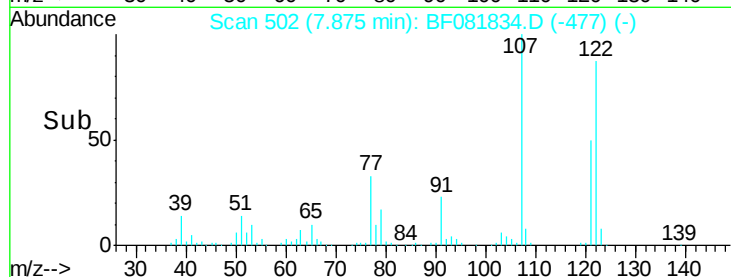
121 57.8 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.87 ng

RT: 7.98 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

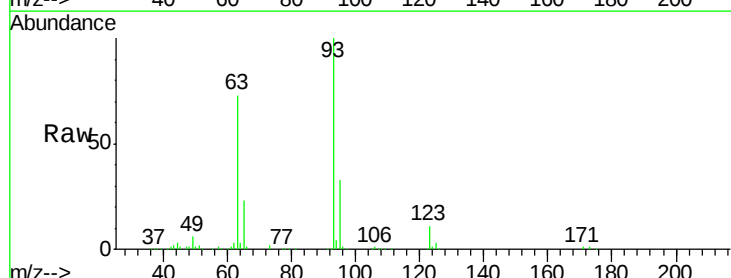
Tgt Ion: 93 Resp: 387009

Ion Ratio Lower Upper

93 100

95 33.0 27.5 41.3

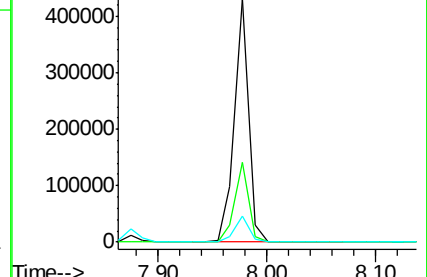
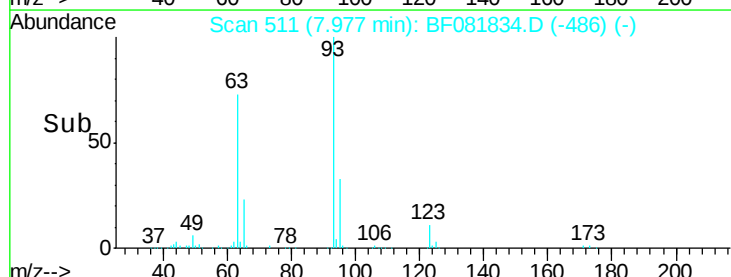
123 10.5 13.7 20.5#

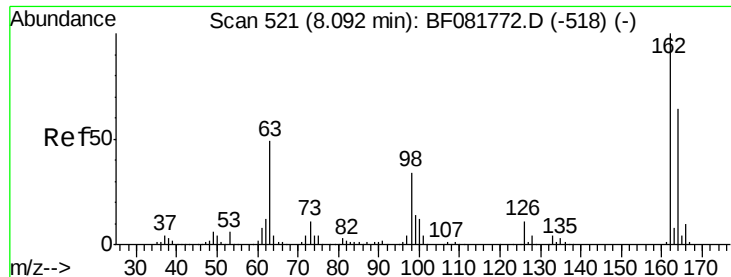


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

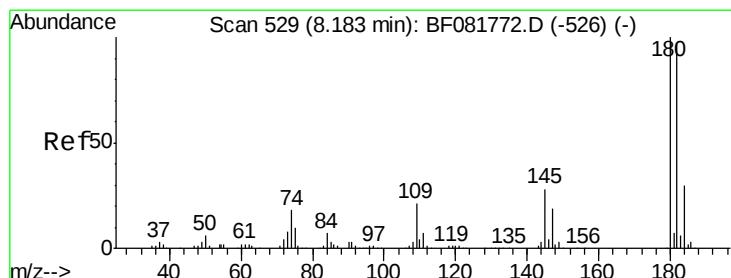
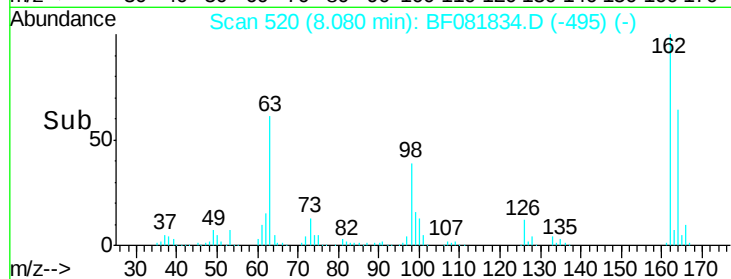
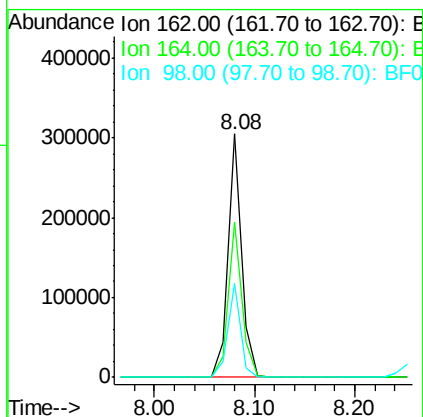
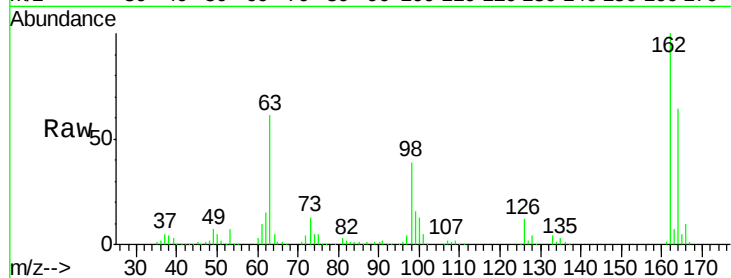




#29
 2,4-Dichlorophenol
 Concen: 46.10 ng
 RT: 8.08 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

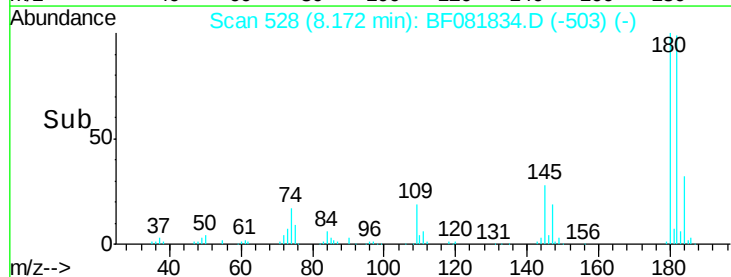
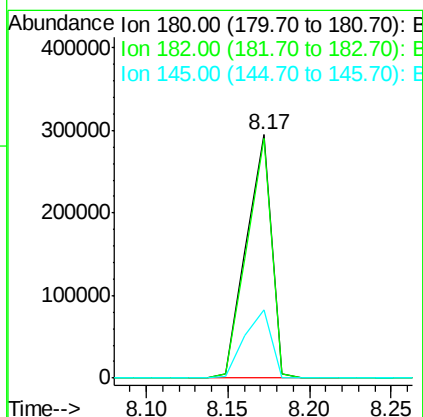
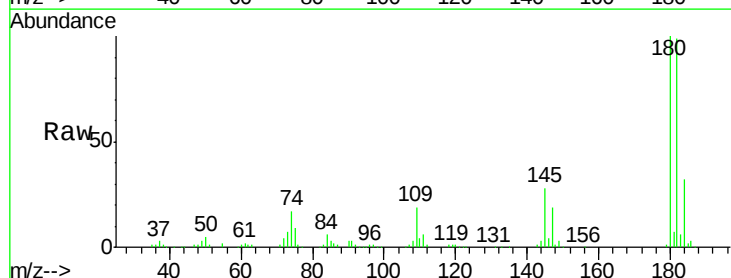
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

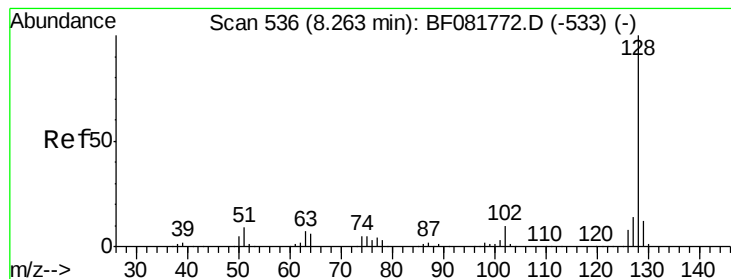
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.9	84.9
98	38.8	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.11 ng
 RT: 8.17 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.1	115.7
145	28.0	23.3	34.9





#31

Naphthalene

Concen: 50.63 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

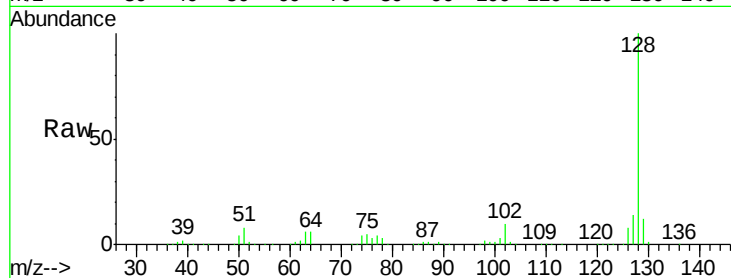
Tgt Ion:128 Resp: 1027166

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

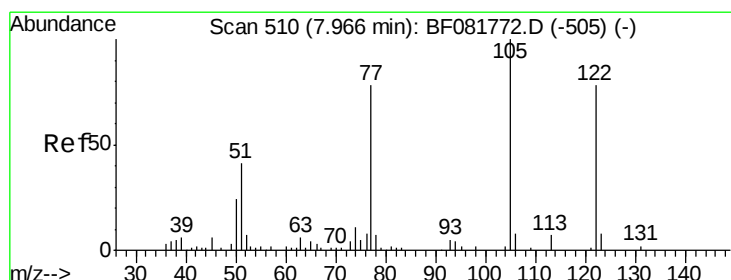
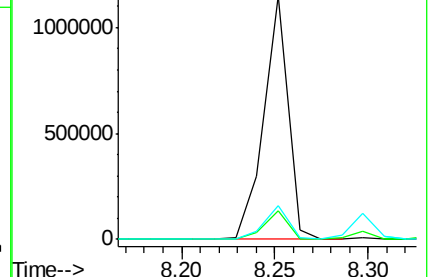
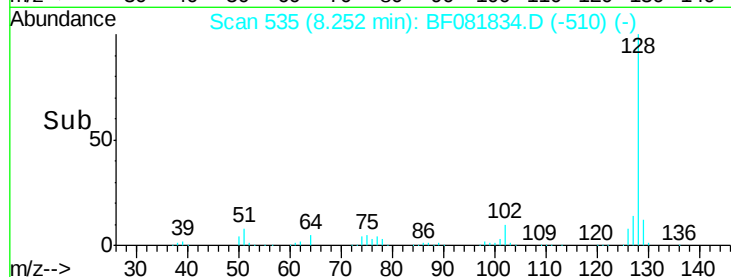
127 13.8 9.9 14.9



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: 217.44 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.09 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

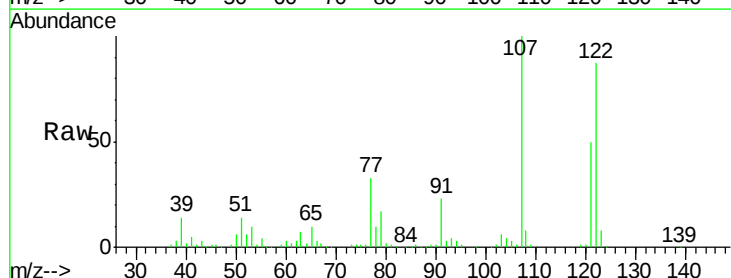
Tgt Ion:122 Resp: 283522

Ion Ratio Lower Upper

122 100

105 3.9 76.1 116.1#

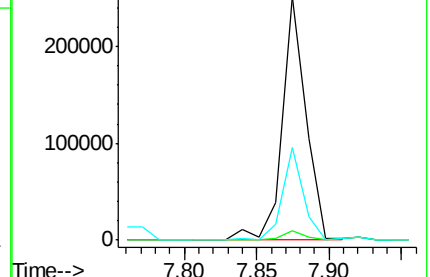
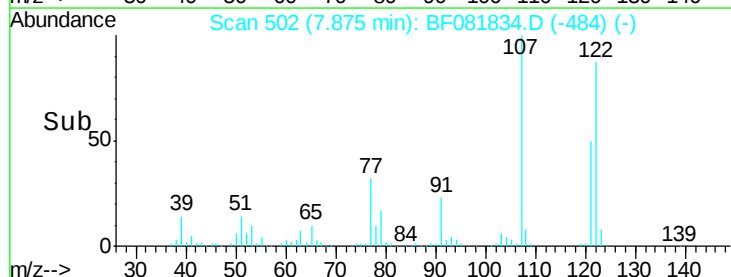
77 38.1 40.5 80.5#

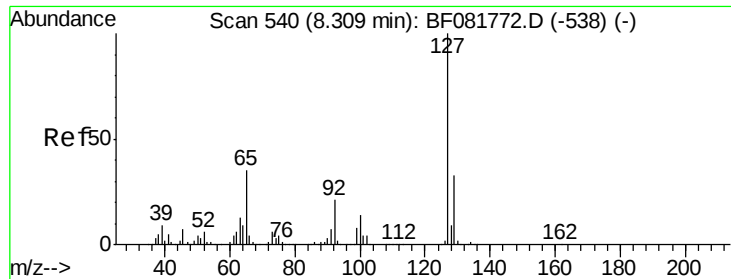


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

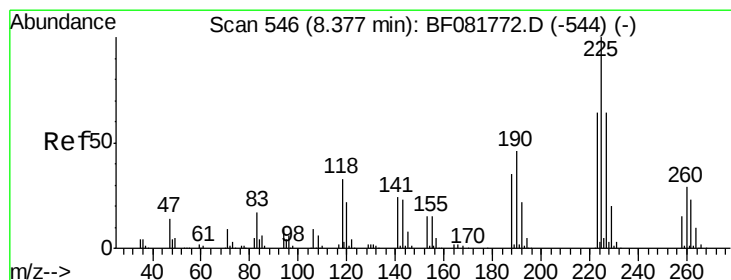
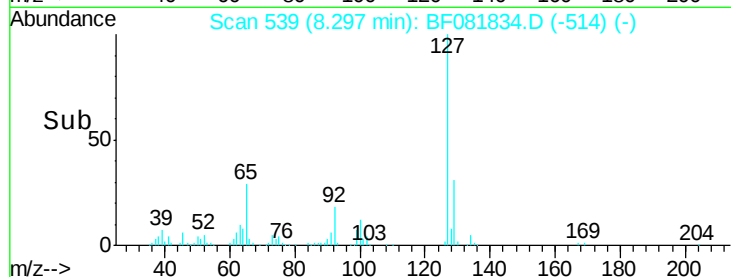
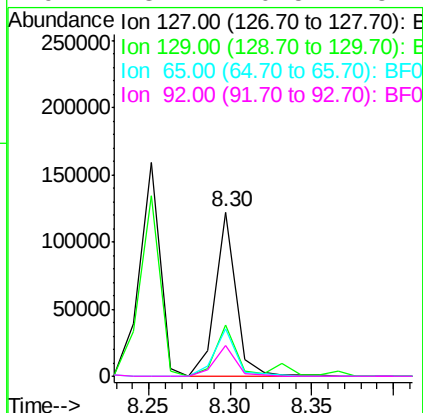
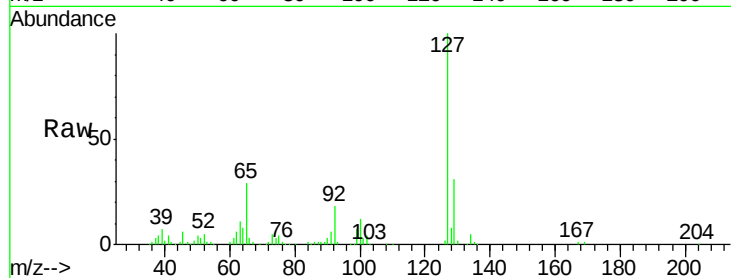




#33
4-Chloroaniline
Concen: 12.17 ng
RT: 8.30 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

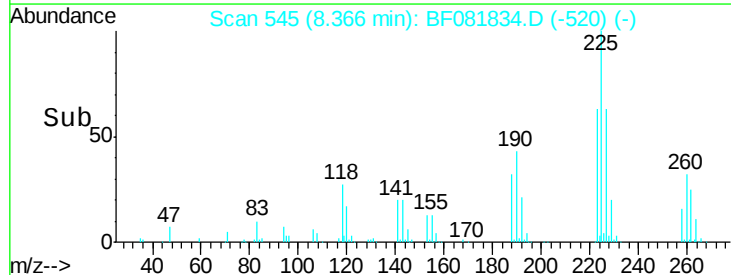
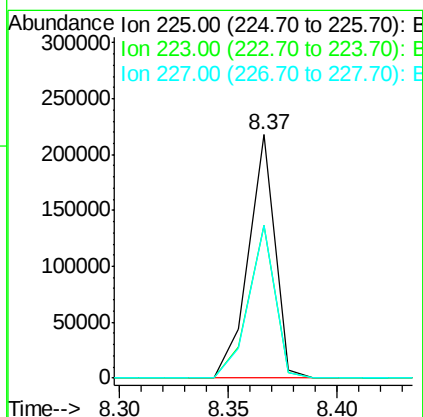
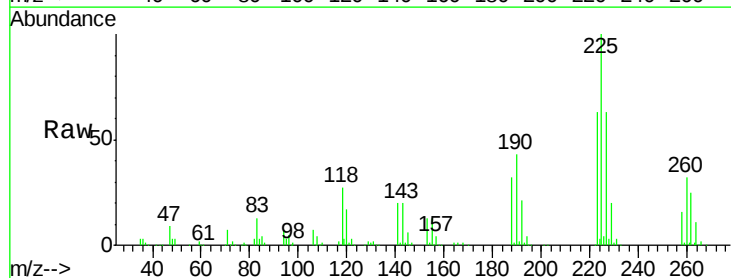
Instrument :
BNA_F
ClientSampleId :
S1-18MS

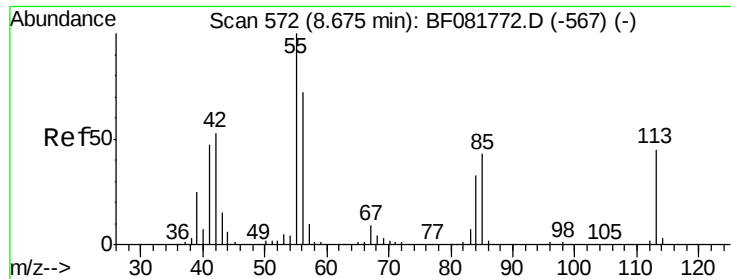
Tgt Ion:	127	Resp:	108407
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.6
65	28.8	17.9	26.9#
92	18.4	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 44.72 ng
RT: 8.37 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Tgt Ion:	225	Resp:	184580
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	63.0	52.2	78.2

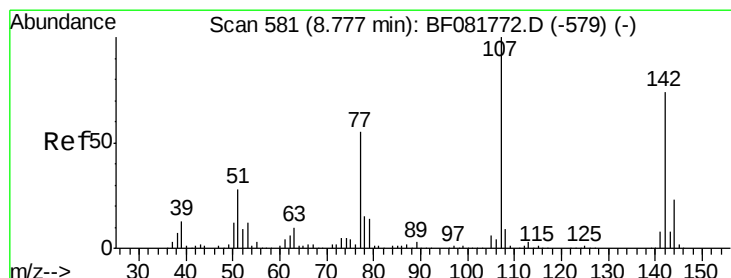
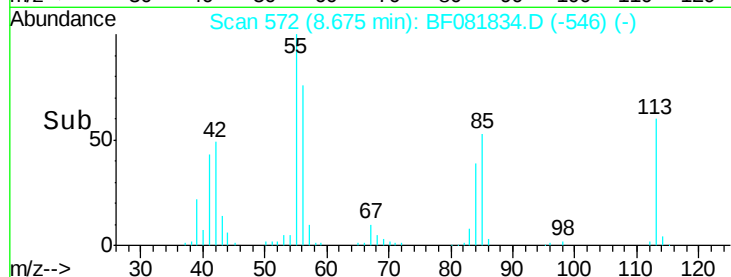
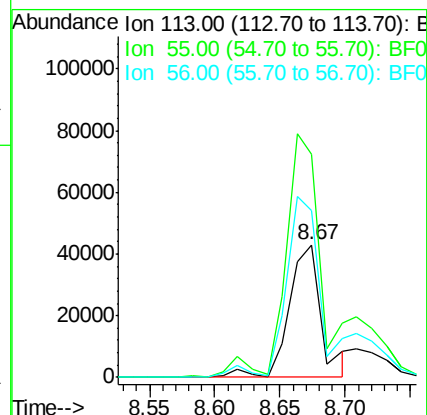
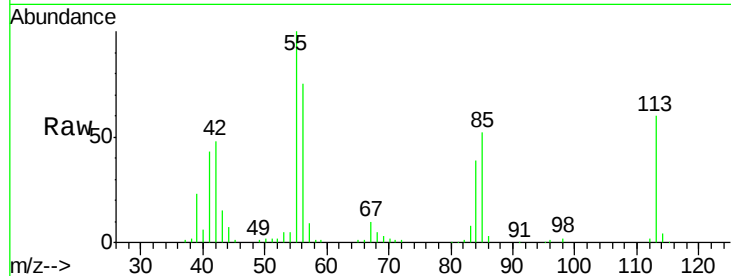




#35
 Caprolactam
 Concen: 44.53 ng
 RT: 8.67 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

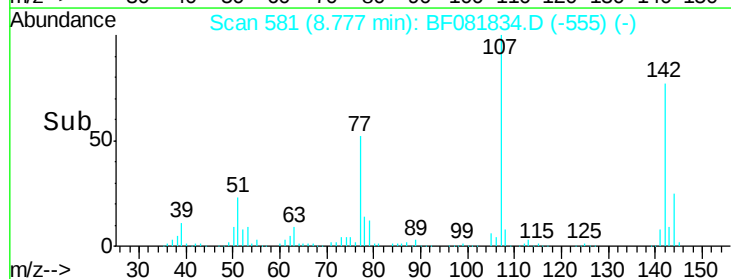
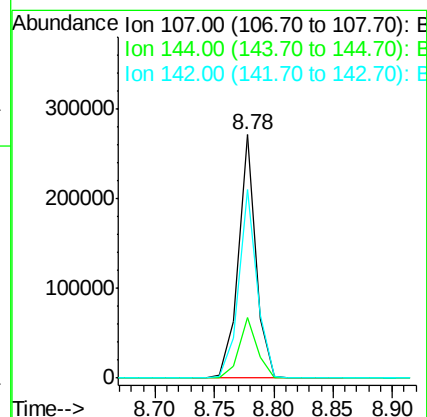
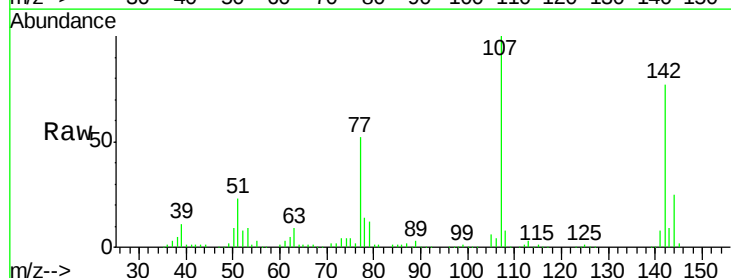
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

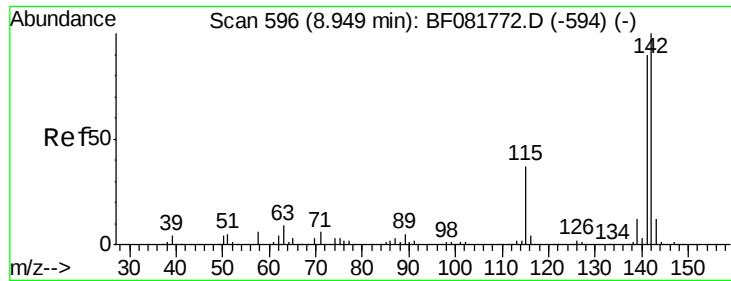
Tgt Ion:113 Resp: 74162
 Ion Ratio Lower Upper
 113 100
 55 167.9 152.4 192.4
 56 126.1 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.86 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion:107 Resp: 280267
 Ion Ratio Lower Upper
 107 100
 144 24.9 25.4 38.0#
 142 77.3 77.3 115.9

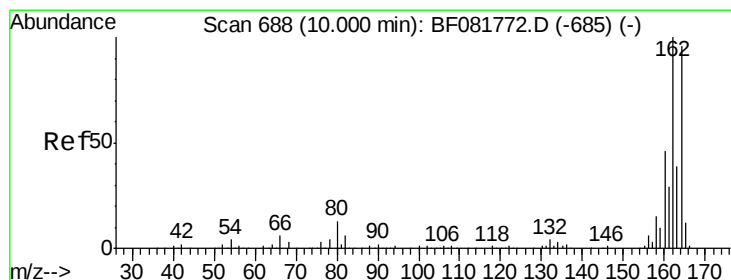
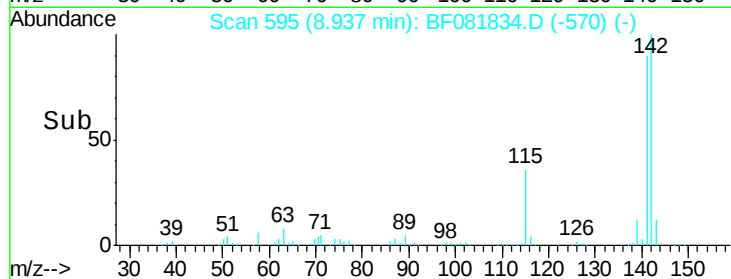
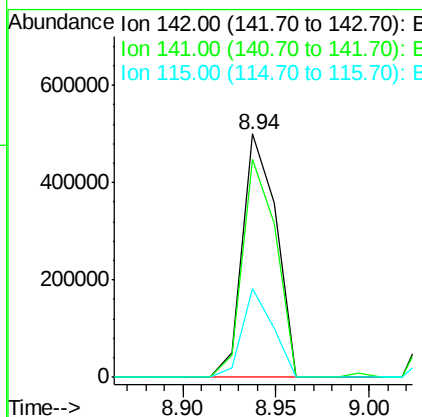
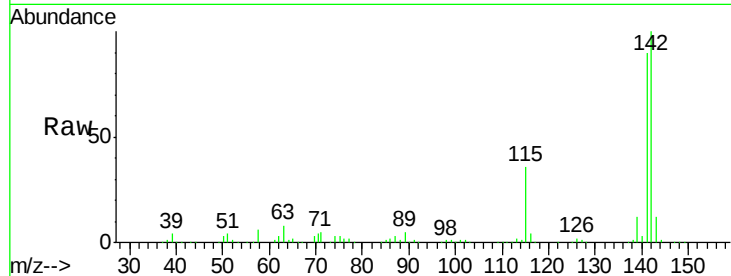




#37
 2-Methylnaphthalene
 Concen: 43.26 ng
 RT: 8.94 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

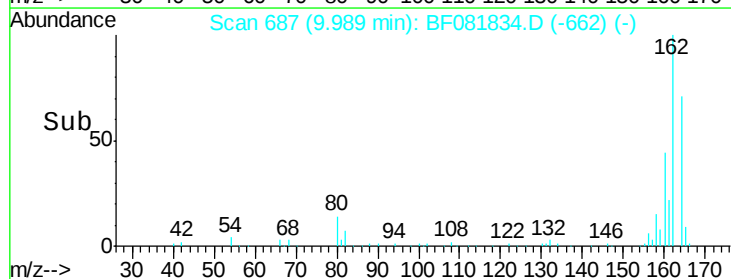
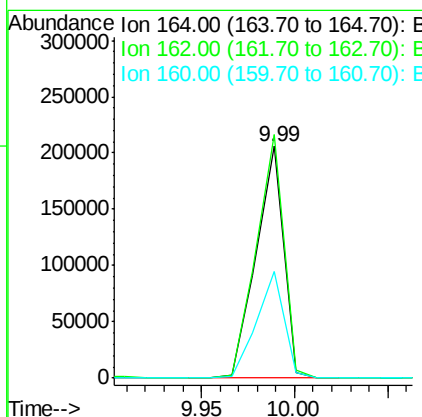
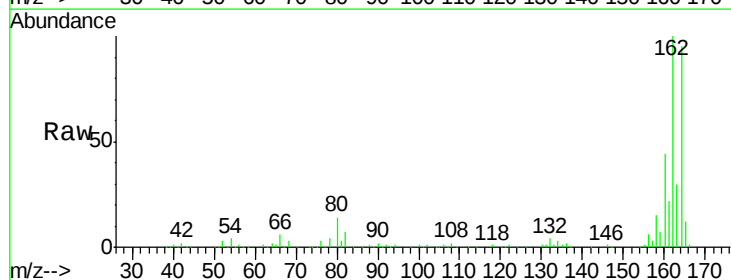
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

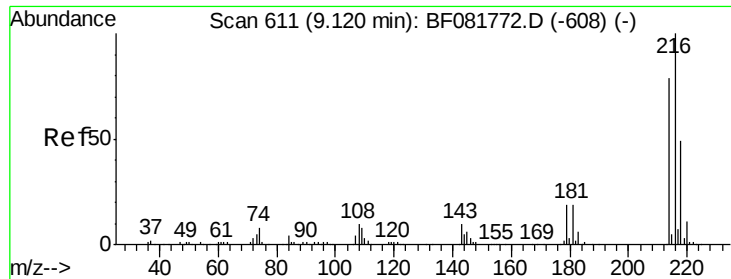
Tgt Ion:142 Resp: 625382
 Ion Ratio Lower Upper
 142 100
 141 89.8 67.5 101.3
 115 36.2 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion:164 Resp: 208785
 Ion Ratio Lower Upper
 164 100
 162 105.0 75.2 112.8
 160 45.9 31.5 47.3

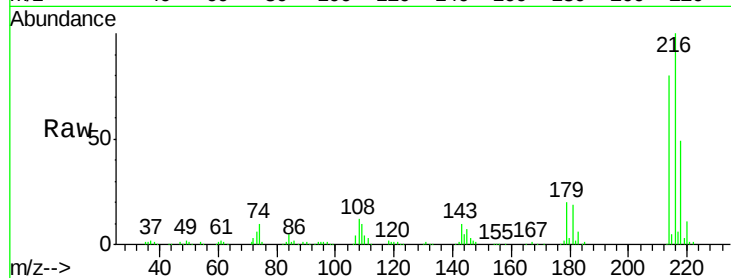




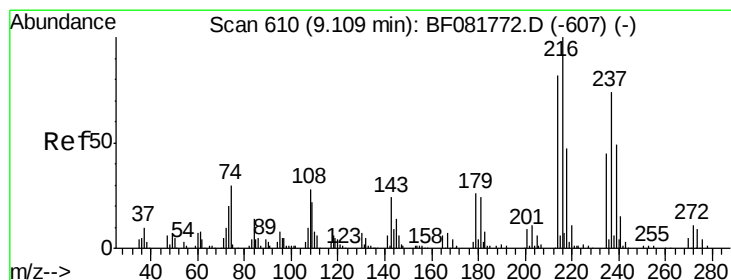
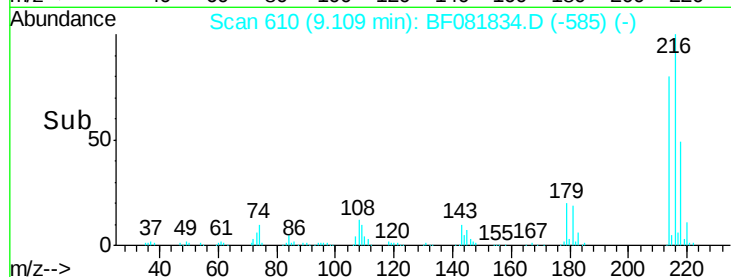
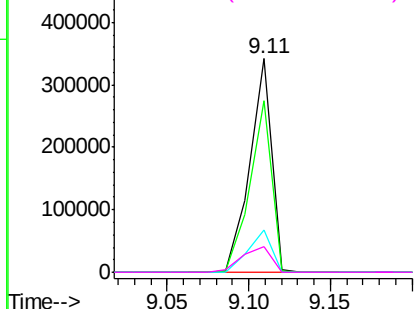
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.67 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

Tgt Ion:216 Resp: 317684
 Ion Ratio Lower Upper
 216 100
 214 80.1 63.5 95.3
 179 21.1 16.6 24.8
 108 15.9 16.3 24.5#

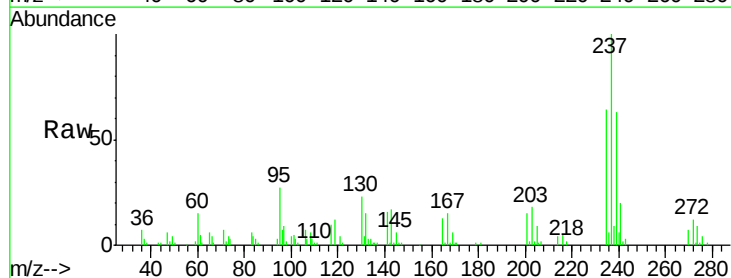


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

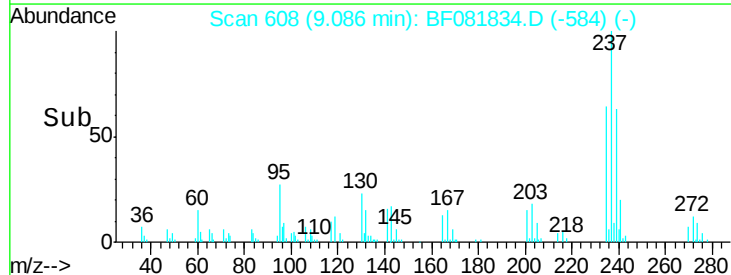
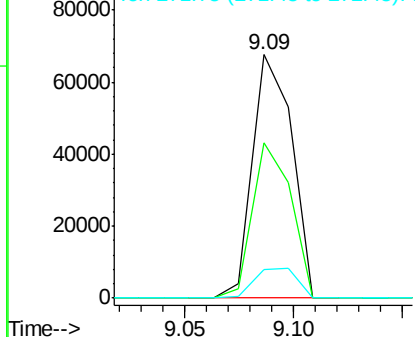


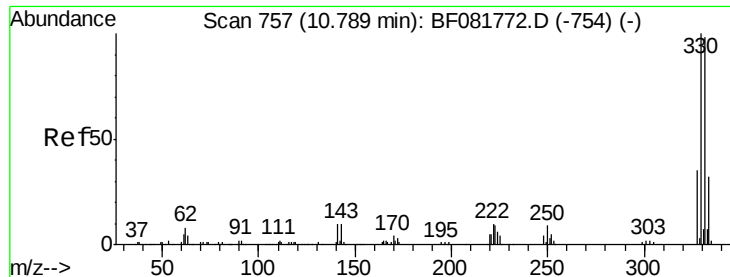
#40
 Hexachlorocyclopentadiene
 Concen: 29.94 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion:237 Resp: 85499
 Ion Ratio Lower Upper
 237 100
 235 63.6 42.0 82.0
 272 11.9 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

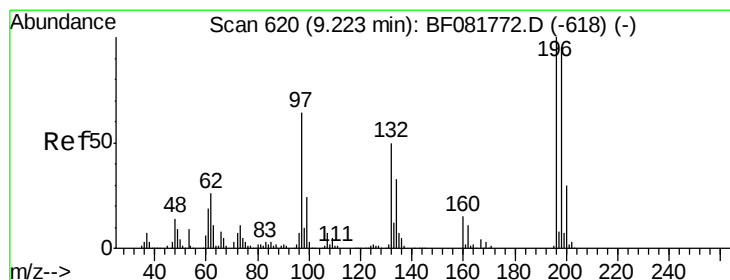
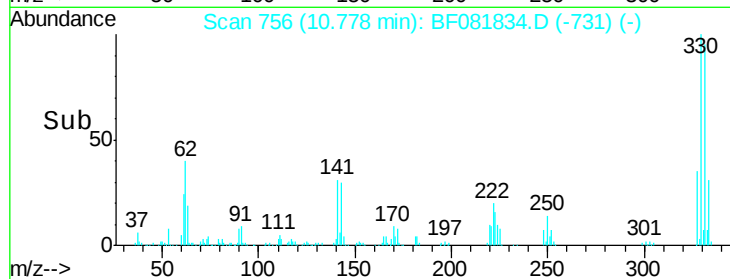
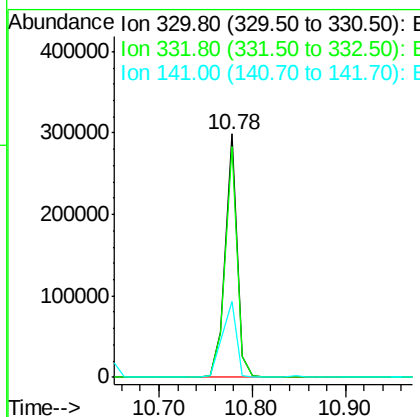
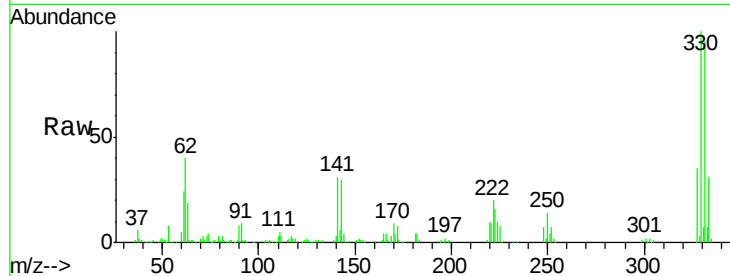




#41
 2,4,6-Tribromophenol
 Concen: 146.40 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

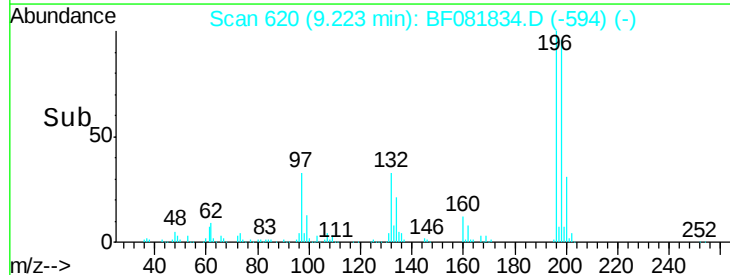
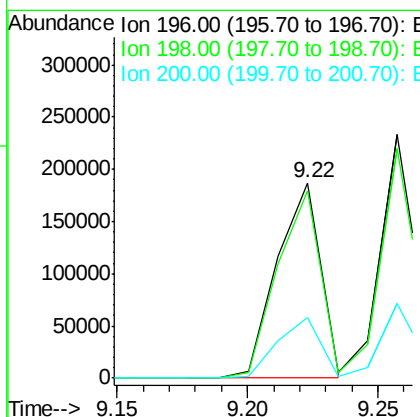
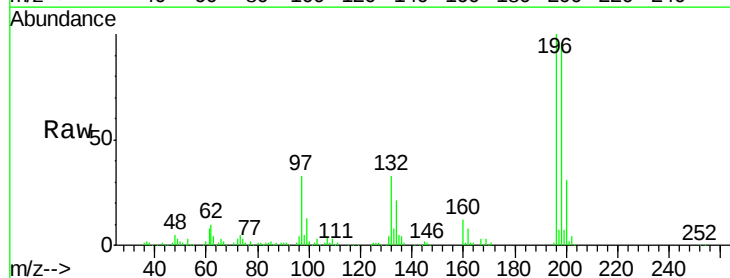
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

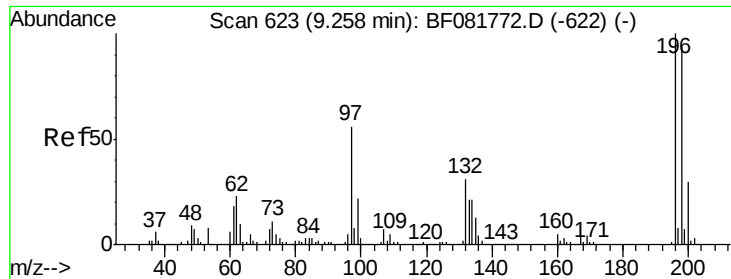
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	37.3	29.7	44.5



#42
 2,4,6-Trichlorophenol
 Concen: 49.43 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	31.3	23.9	35.9

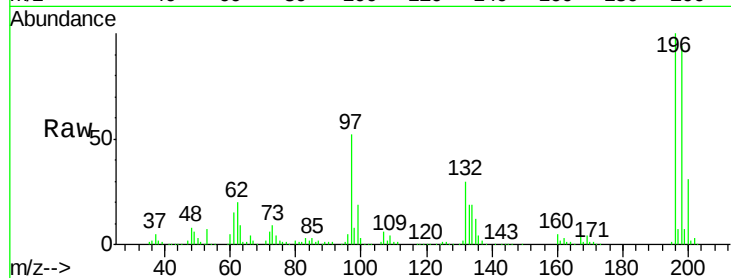




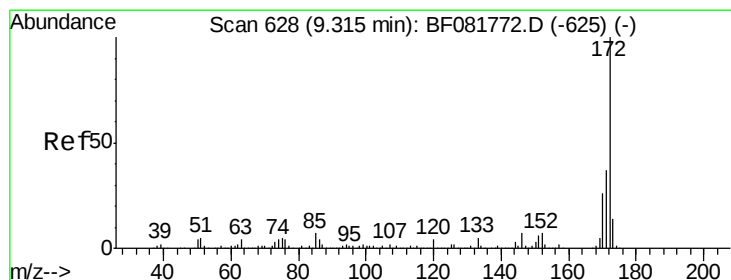
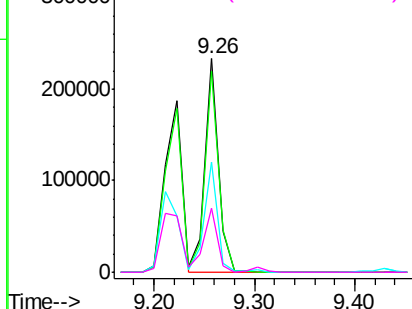
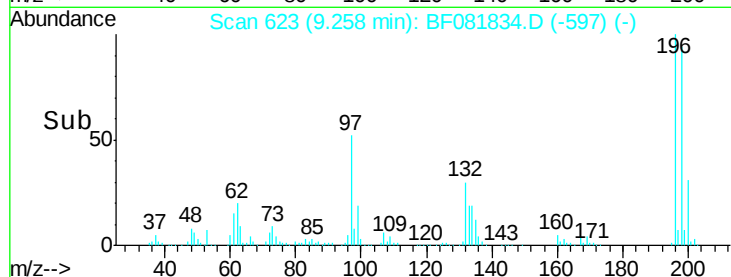
#43
 2,4,5-Trichlorophenol
 Concen: 50.92 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

Tgt Ion:196 Resp: 219963
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.4 113.0
 97 51.5 33.3 49.9#
 132 30.0 24.6 37.0

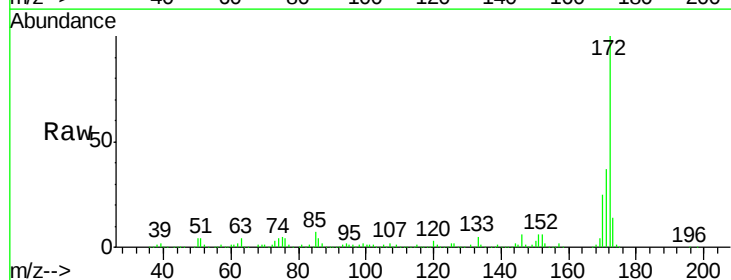


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

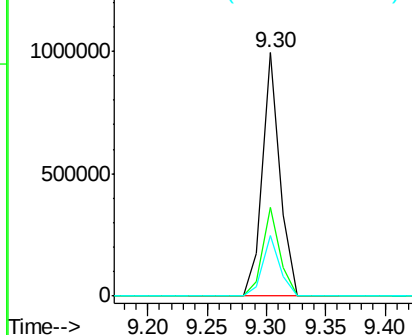
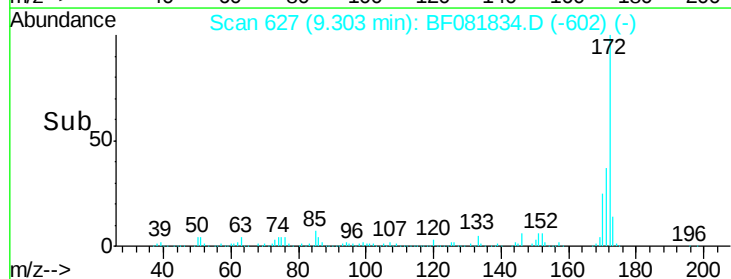


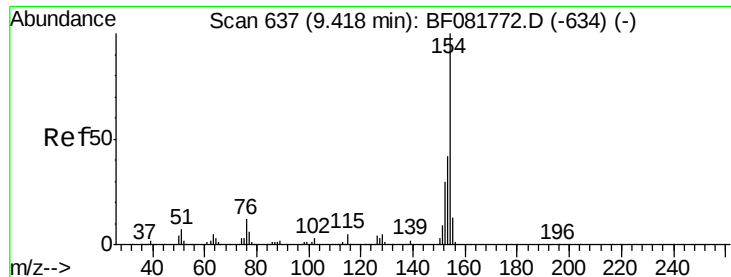
#44
 2-Fluorobiphenyl
 Concen: 81.22 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion:172 Resp: 1032959
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.9 17.4 26.2



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: 44.34 ng

RT: 9.41 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

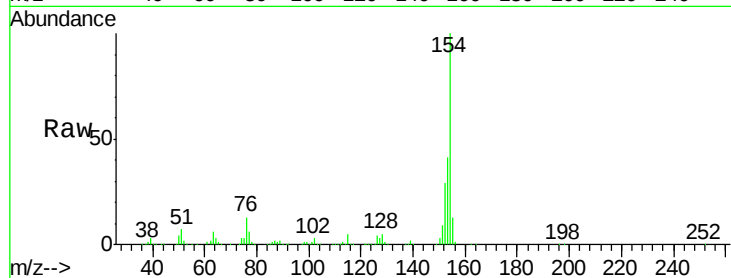
Tgt Ion:154 Resp: 723764

Ion Ratio Lower Upper

154 100

153 41.3 17.1 57.1

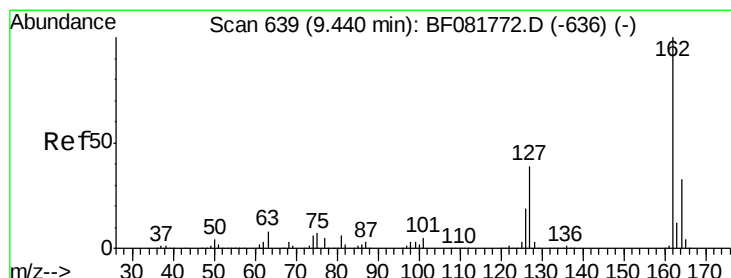
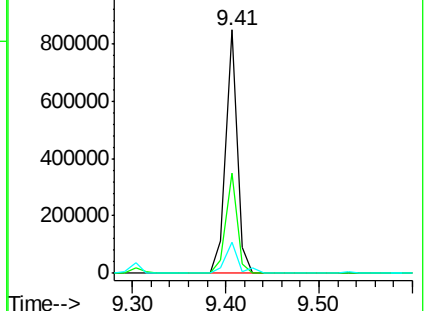
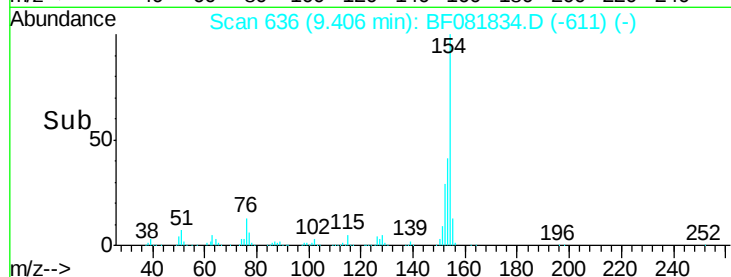
76 13.0 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.61 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

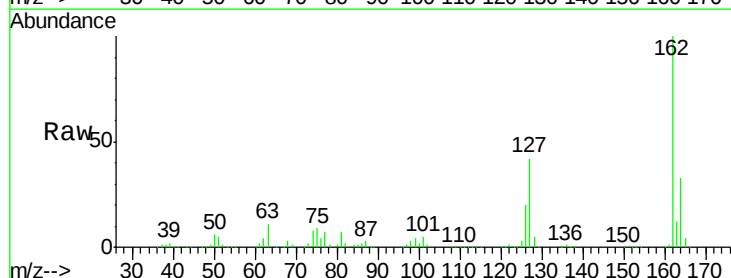
Tgt Ion:162 Resp: 559523

Ion Ratio Lower Upper

162 100

127 41.6 27.6 41.4#

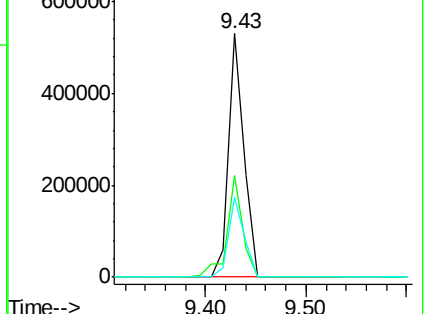
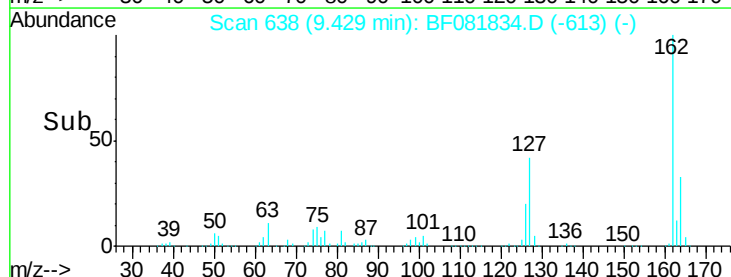
164 32.9 25.4 38.2

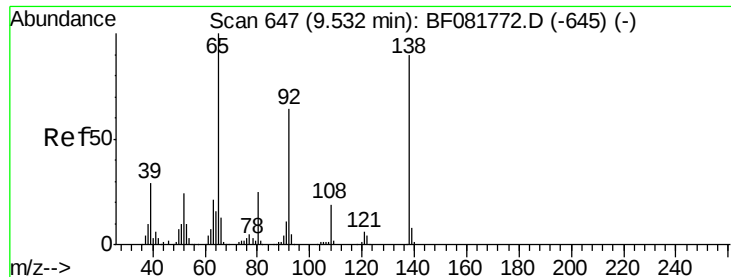


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 58.86 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

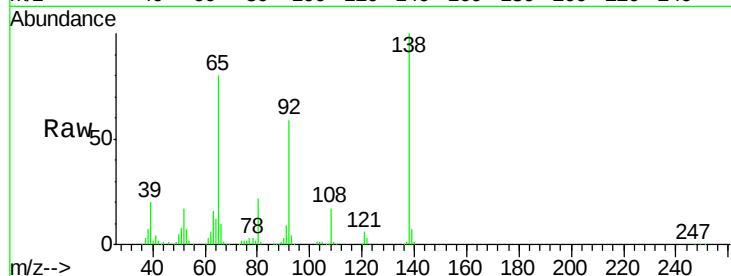
Tgt Ion: 65 Resp: 205563

Ion Ratio Lower Upper

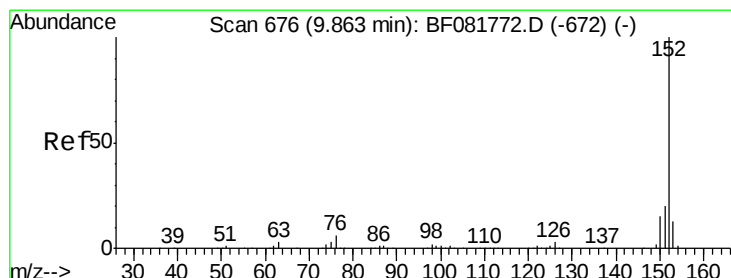
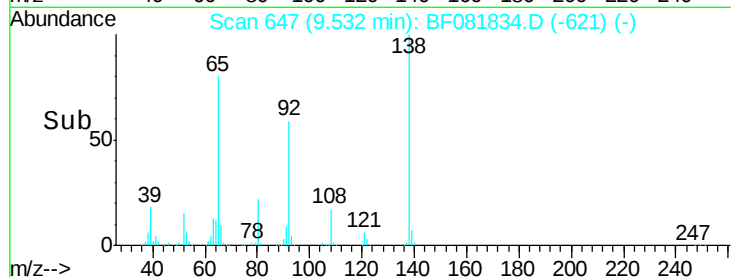
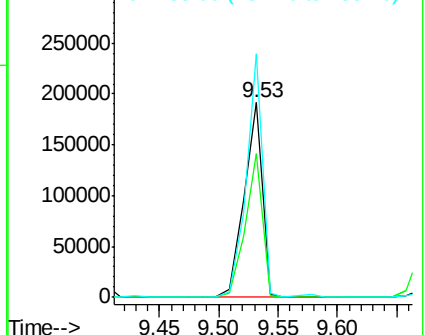
65 100

92 73.9 55.4 83.0

138 125.1 115.5 173.3



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 45.65 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

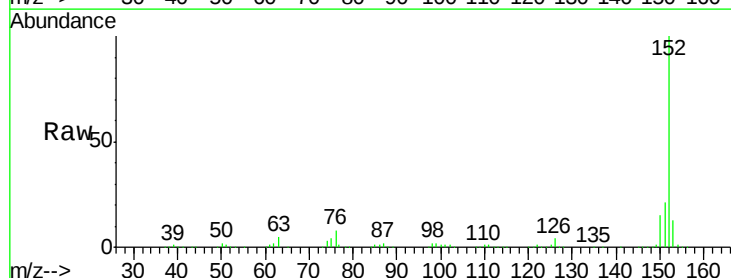
Tgt Ion: 152 Resp: 1014535

Ion Ratio Lower Upper

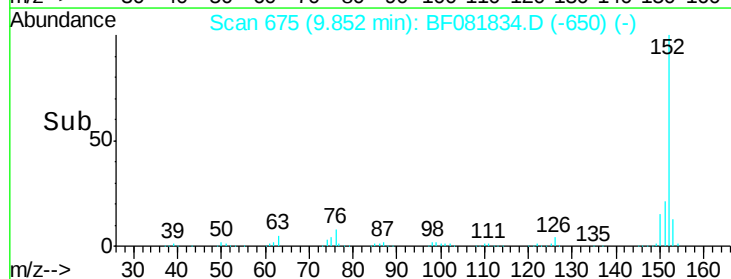
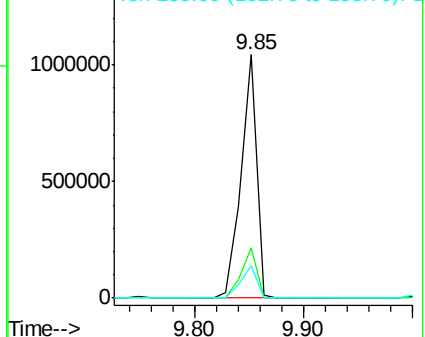
152 100

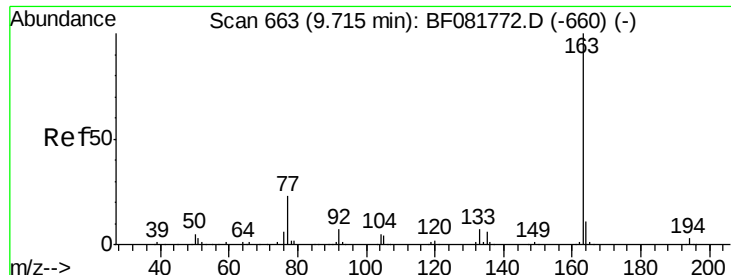
151 20.6 14.6 22.0

153 13.5 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 64.90 ng

RT: 9.71 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

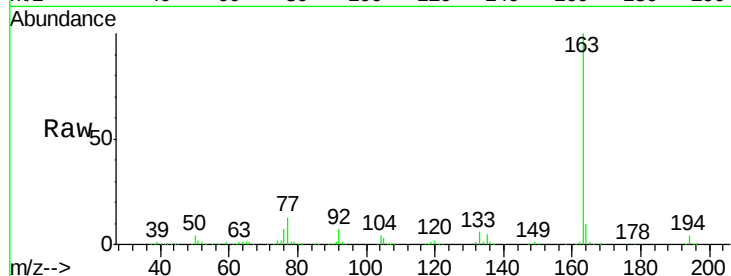
Tgt Ion:163 Resp: 1031005

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

164 9.9 8.3 12.5



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

9.71

800000

600000

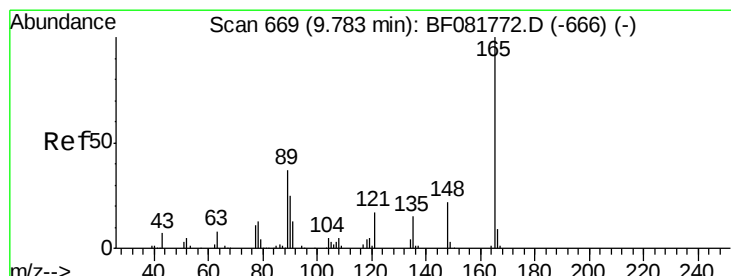
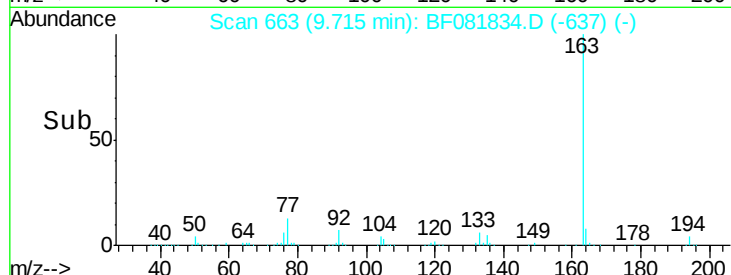
400000

200000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#50

2,6-Dinitrotoluene

Concen: 50.76 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

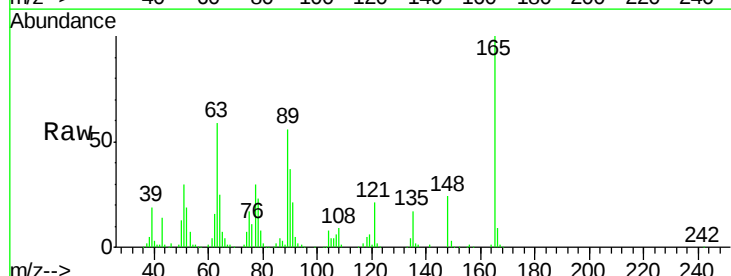
Tgt Ion:165 Resp: 155674

Ion Ratio Lower Upper

165 100

63 59.2 32.3 48.5#

89 56.2 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

9.77

250000

200000

150000

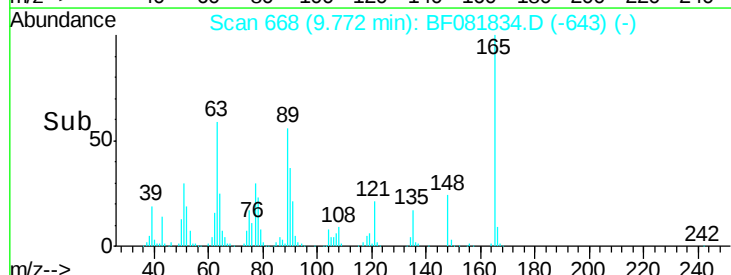
100000

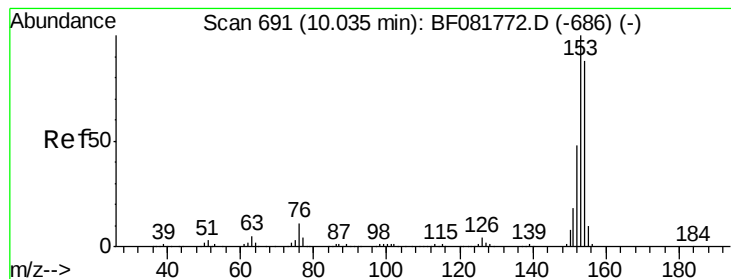
50000

0

Time-->

9.70 9.75 9.80 9.85





#51

Acenaphthene

Concen: 47.91 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

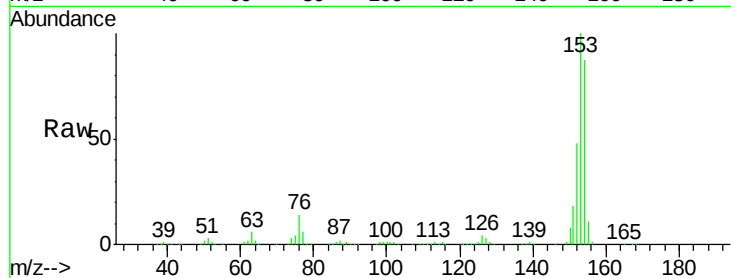
Tgt Ion:154 Resp: 613678

Ion Ratio Lower Upper

154 100

153 114.4 82.1 123.1

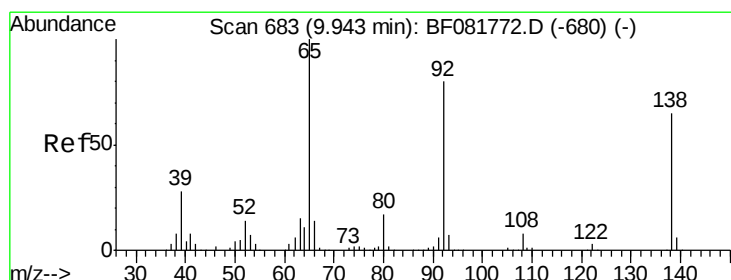
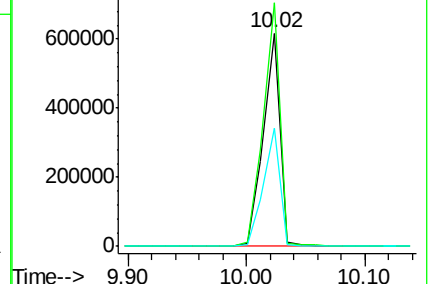
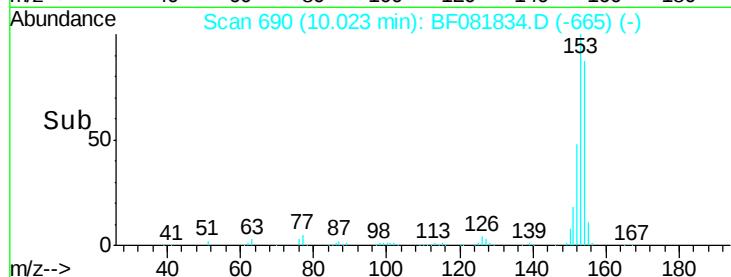
152 55.3 37.9 56.9



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: 27.57 ng

RT: 9.94 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

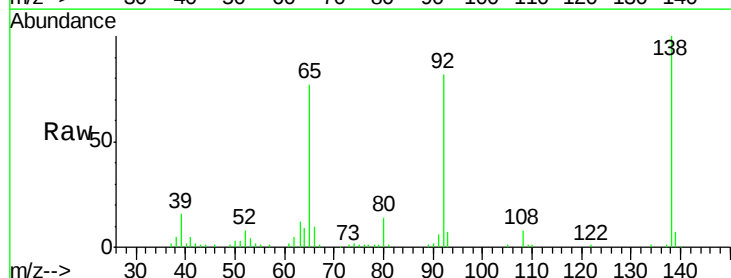
Tgt Ion:138 Resp: 91680

Ion Ratio Lower Upper

138 100

108 8.4 5.7 8.5

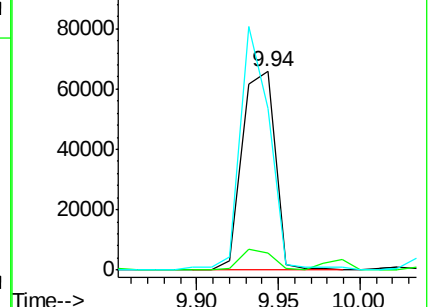
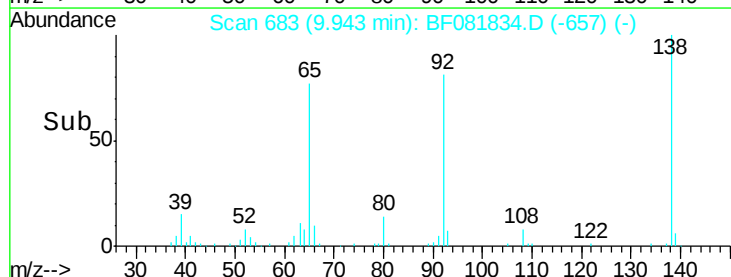
92 81.6 67.7 101.5

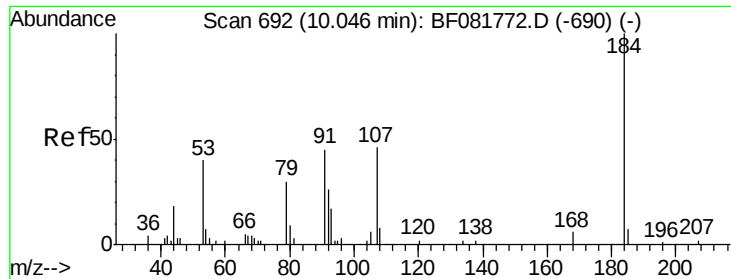


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

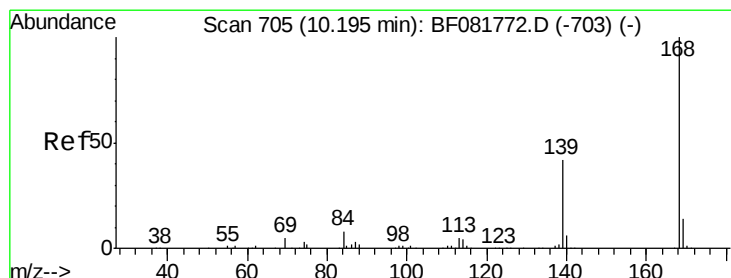
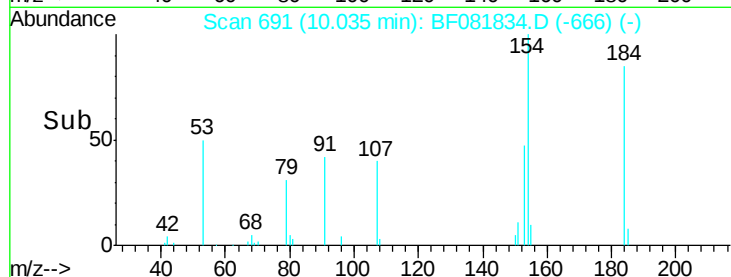
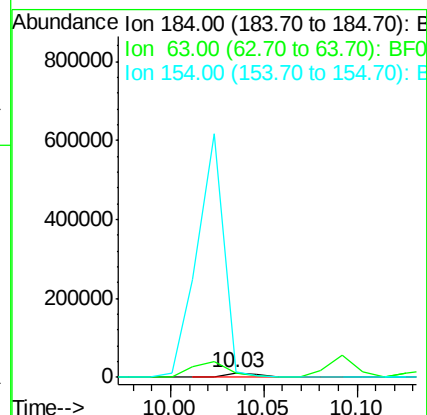
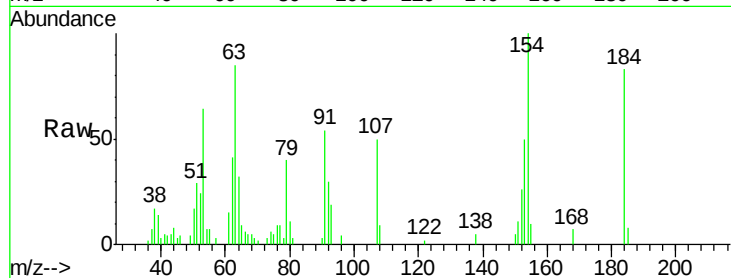




#53
2,4-Dinitrophenol
Concen: 43.85 ng
RT: 10.03 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

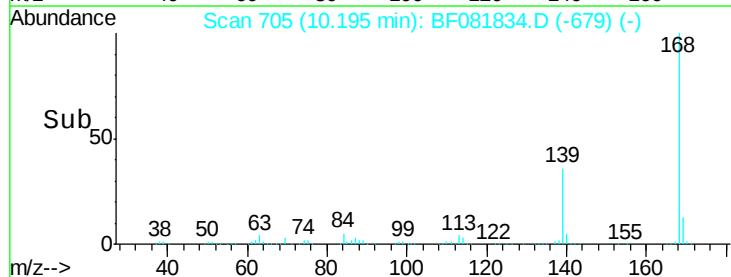
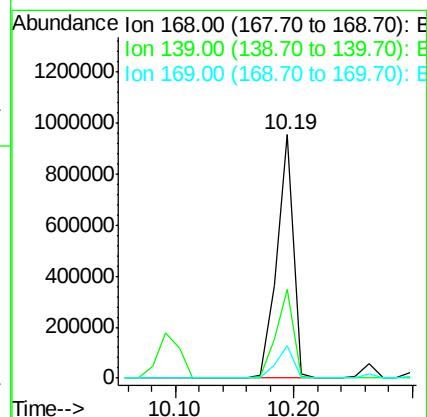
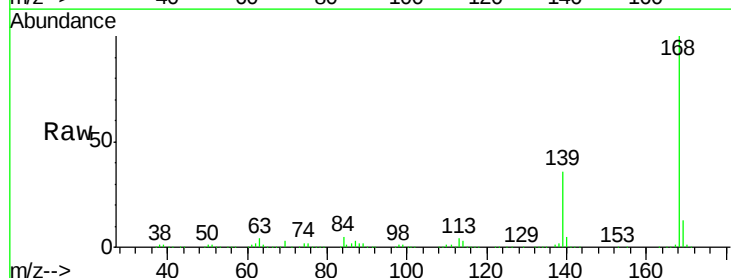
Instrument :
BNA_F
ClientSampleId :
S1-18MS

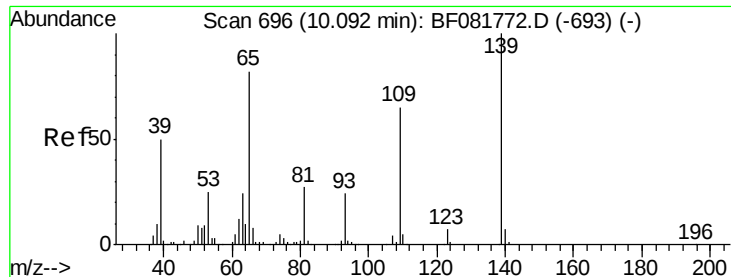
Tgt Ion:184 Resp: 13537
Ion Ratio Lower Upper
184 100
63 102.9 35.4 53.2#
154 121.1 32.2 48.4#



#54
Dibenzofuran
Concen: 49.30 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Tgt Ion:168 Resp: 926292
Ion Ratio Lower Upper
168 100
139 36.3 24.2 36.2#
169 13.4 10.6 15.8

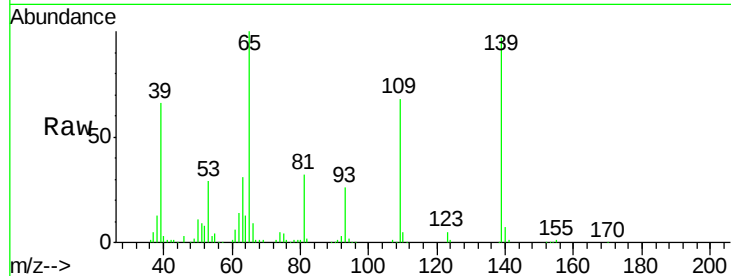




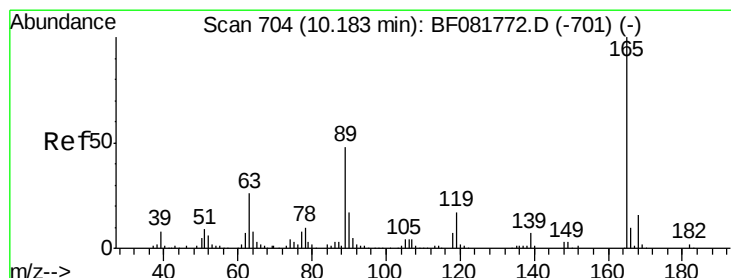
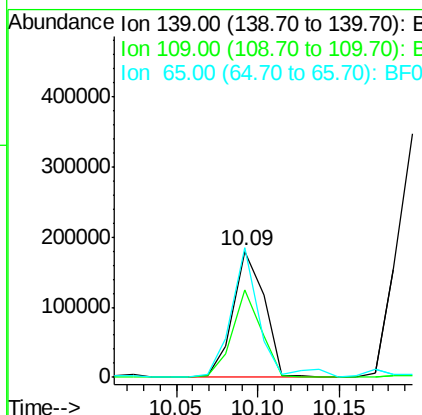
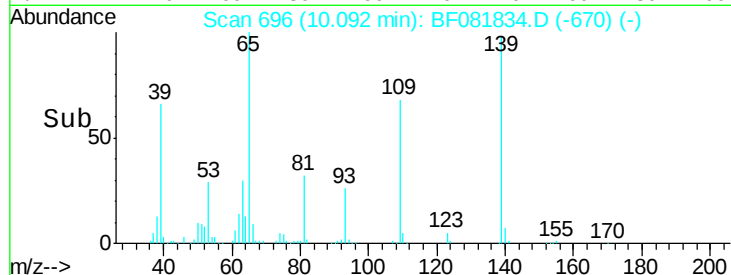
#55
4-Nitrophenol
Concen: 105.09 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Instrument :
BNA_F
ClientSampleId :
S1-18MS

Tgt Ion:139 Resp: 241034
Ion Ratio Lower Upper
139 100
109 69.8 12.7 52.7#
65 102.6 45.9 85.9#

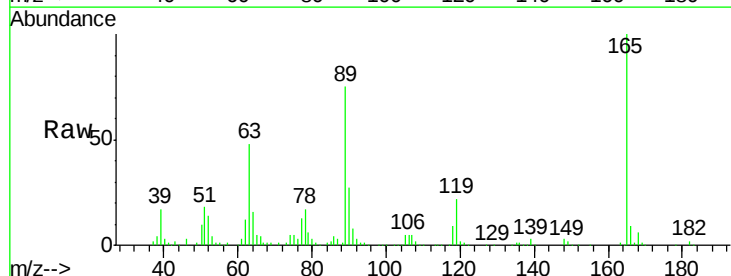


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

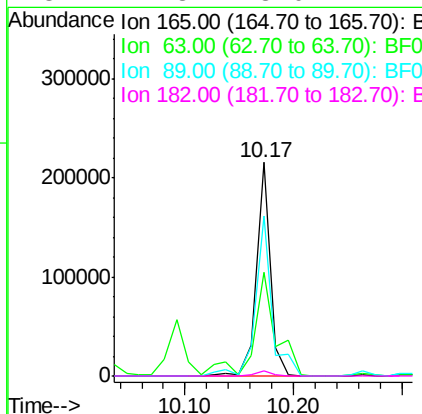
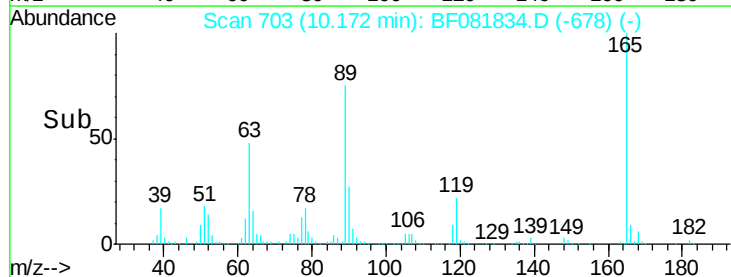


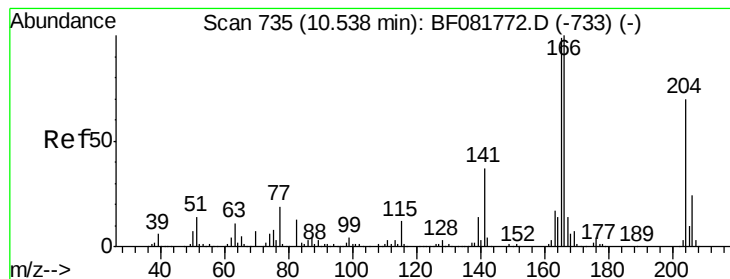
#56
2,4-Dinitrotoluene
Concen: 52.59 ng
RT: 10.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Tgt Ion:165 Resp: 193090
Ion Ratio Lower Upper
165 100
63 48.3 29.8 44.6#
89 75.1 44.5 66.7#
182 2.3 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.23 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

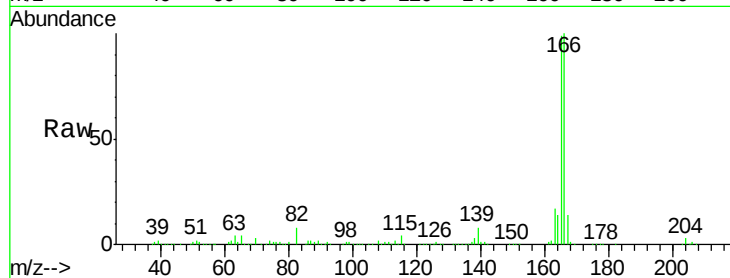
Tgt Ion:166 Resp: 709774

Ion Ratio Lower Upper

166 100

165 98.7 72.6 109.0

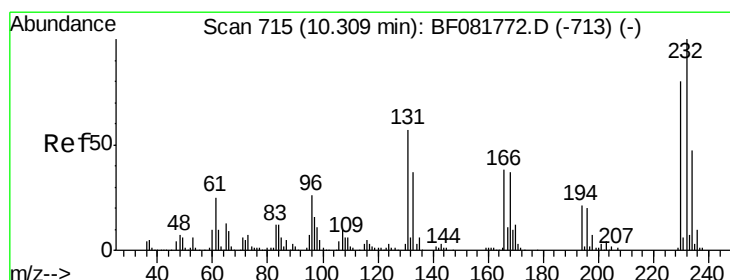
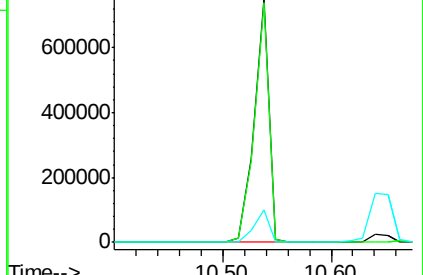
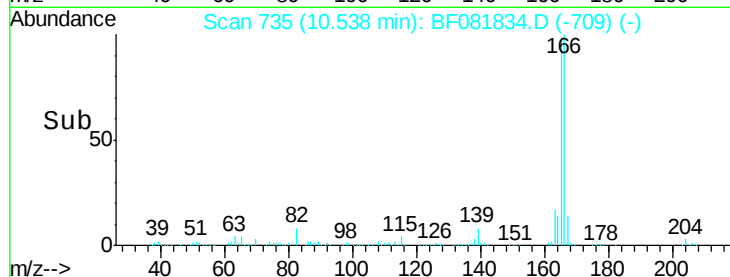
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.89 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Tgt Ion:232 Resp: 190879

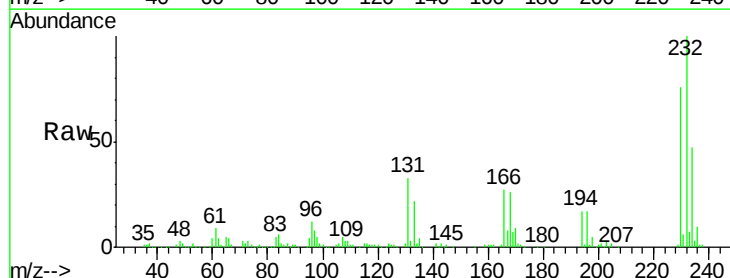
Ion Ratio Lower Upper

232 100

131 41.5 38.5 57.7

130 1.9 1.8 2.6

166 29.9 25.0 37.6

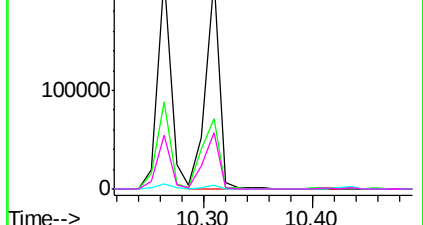
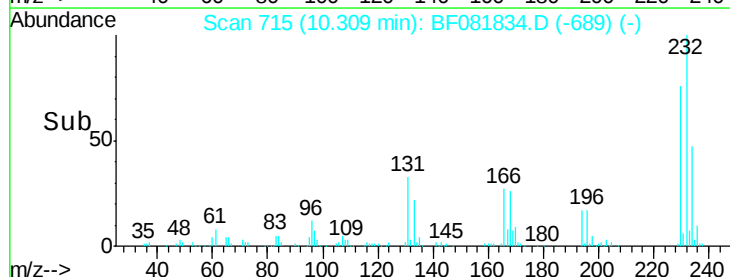


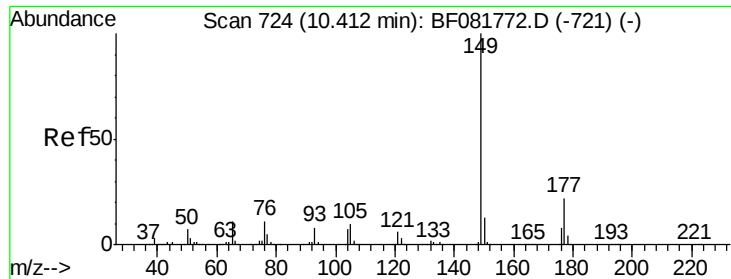
Abundance Ion 232.00 (231.70 to 232.70): E

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

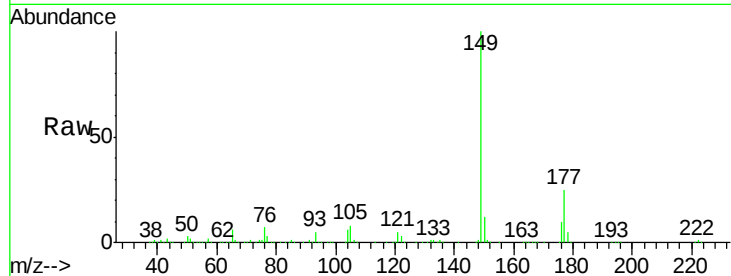




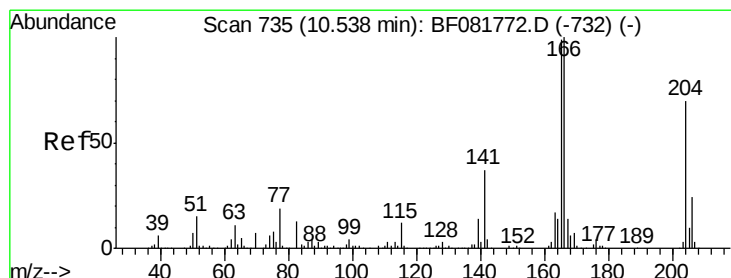
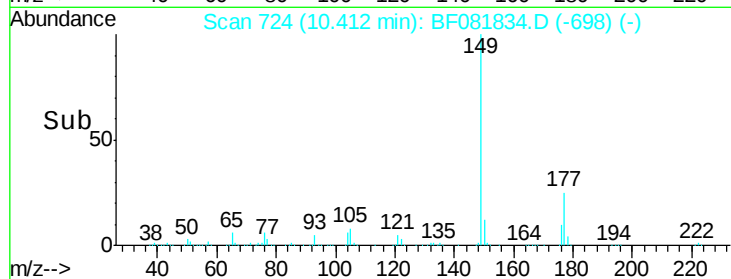
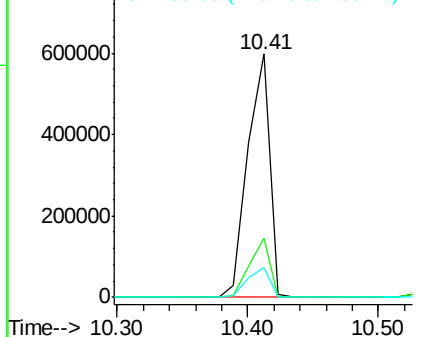
#59
Diethylphthalate
Concen: 45.21 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Instrument :
BNA_F
ClientSampleId :
S1-18MS

Tgt Ion:149 Resp: 695682
Ion Ratio Lower Upper
149 100
177 24.6 17.5 26.3
150 12.3 9.4 14.2

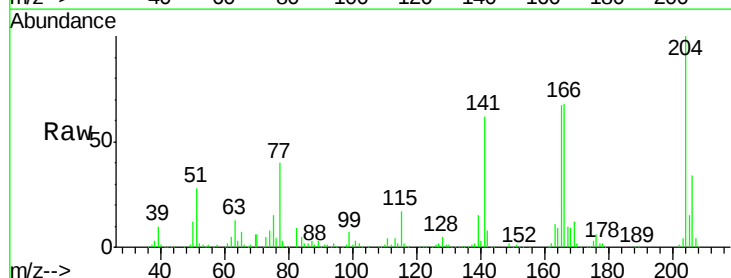


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

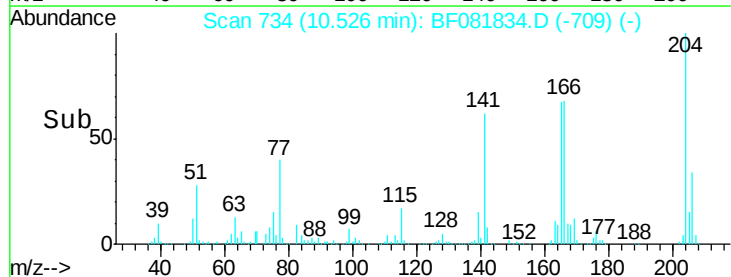
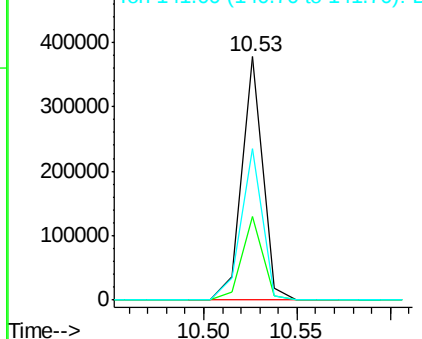


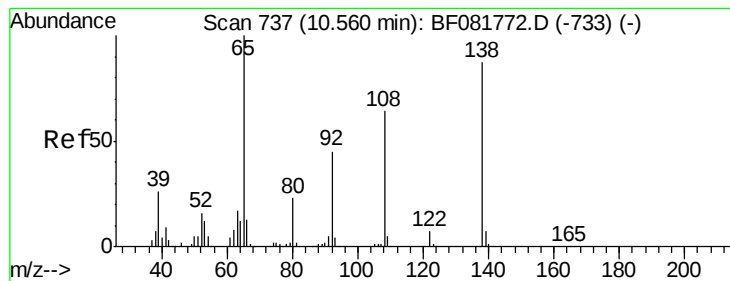
#60
4-Chlorophenyl-phenylether
Concen: 44.97 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF081834.D
Acq: 26 Sep 2015 18:26

Tgt Ion:204 Resp: 297616
Ion Ratio Lower Upper
204 100
206 34.5 24.8 37.2
141 62.0 42.2 63.4



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: 43.29 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

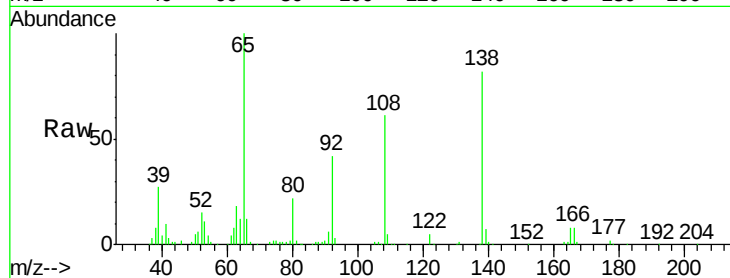
Tgt Ion:138 Resp: 139864

Ion Ratio Lower Upper

138 100

92 51.7 12.6 52.6

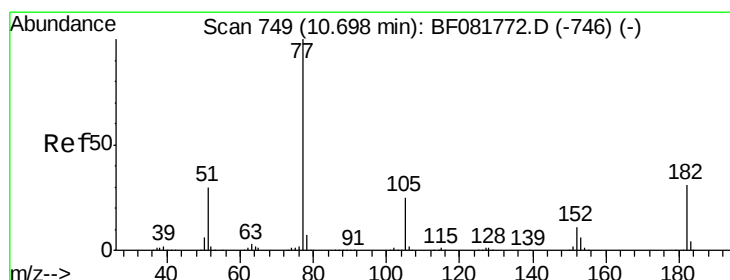
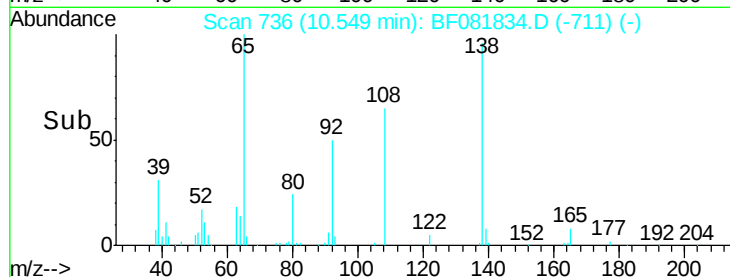
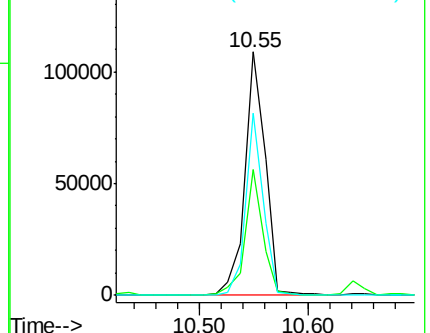
108 75.0 12.4 52.4#



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: 43.13 ng

RT: 10.69 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Tgt Ion: 77 Resp: 678517

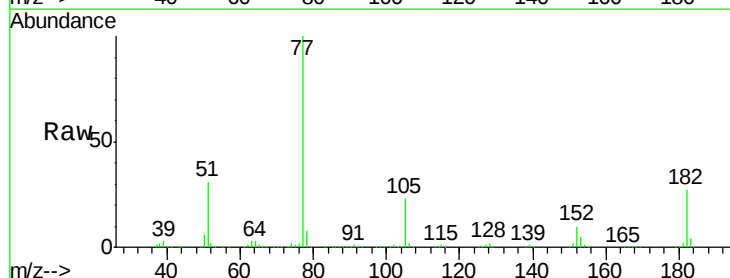
Ion Ratio Lower Upper

77 100

182 27.3 15.1 55.1

105 23.2 3.4 43.4

51 30.8 12.0 52.0

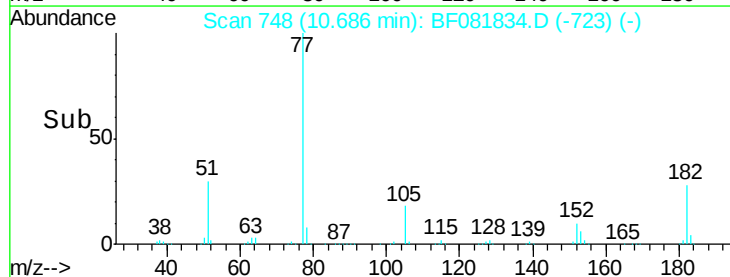
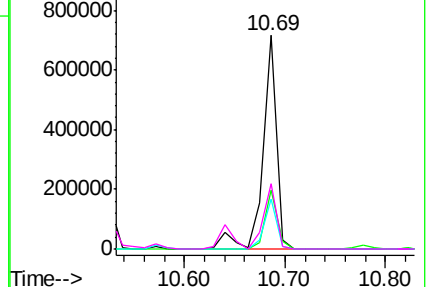


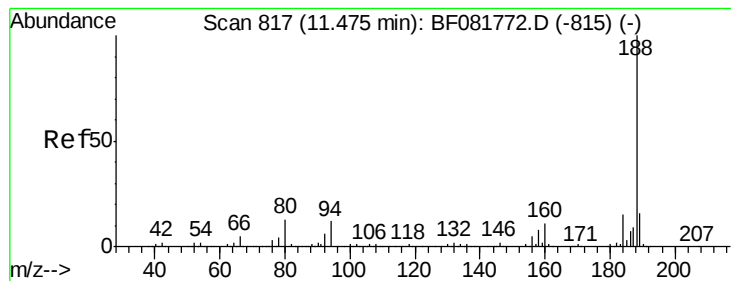
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.47 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

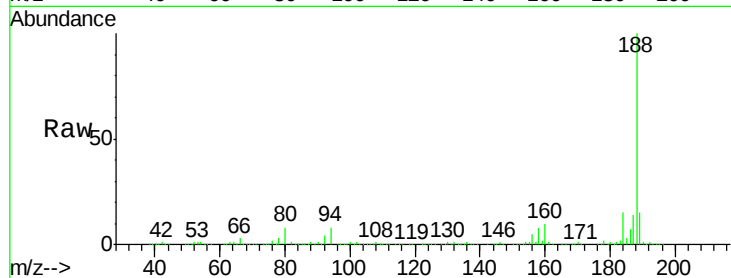
Tgt Ion:188 Resp: 373446

Ion Ratio Lower Upper

188 100

94 7.8 11.1 16.7#

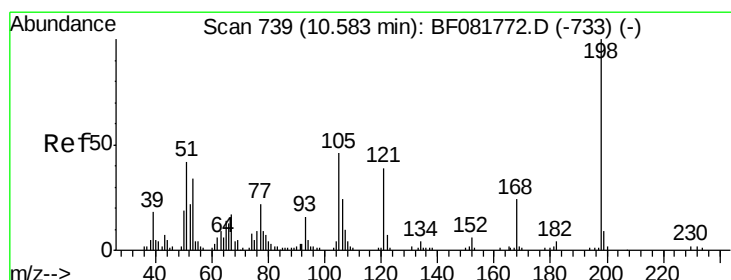
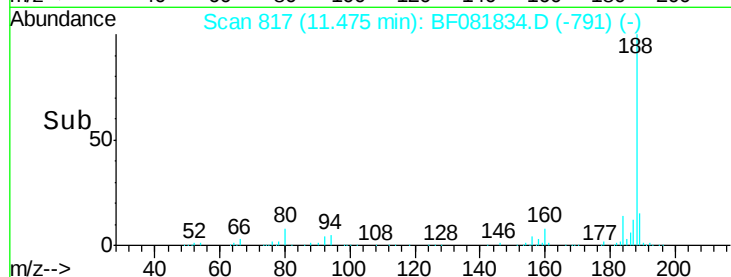
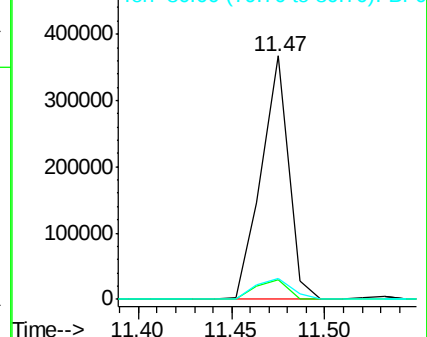
80 8.5 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.39 ng

RT: 10.57 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

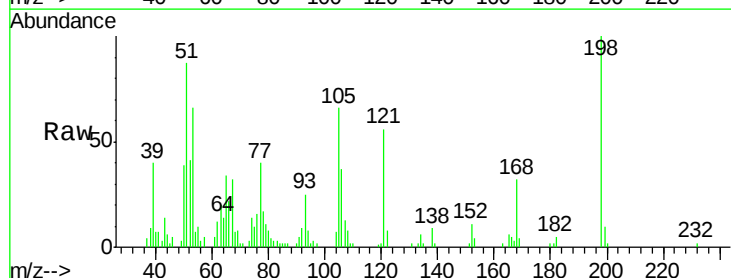
Tgt Ion:198 Resp: 26697

Ion Ratio Lower Upper

198 100

51 86.8 39.6 79.6#

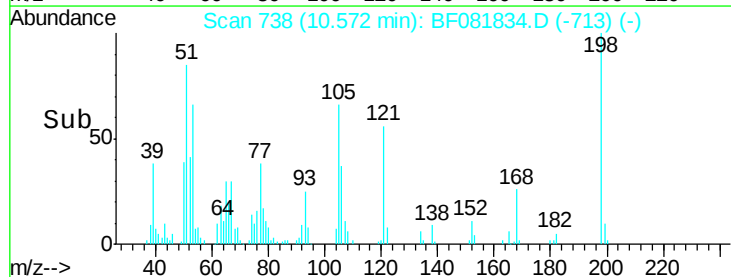
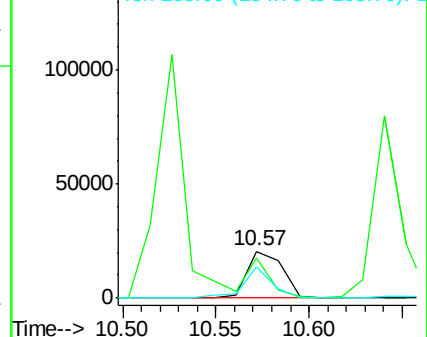
105 66.3 28.5 68.5

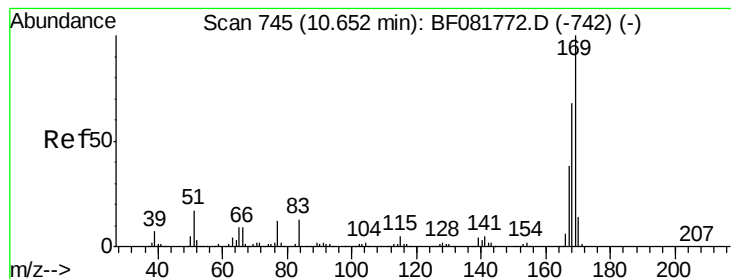


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.03 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

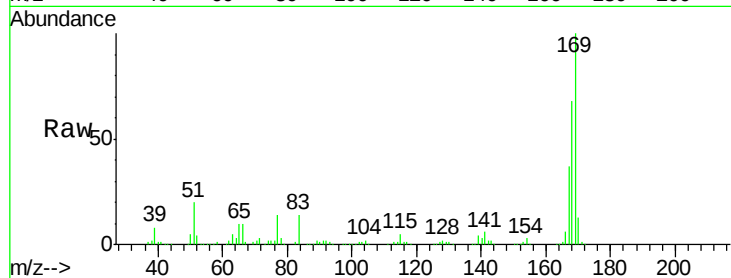
Tgt Ion:169 Resp: 567126

Ion Ratio Lower Upper

169 100

168 68.0 48.9 73.3

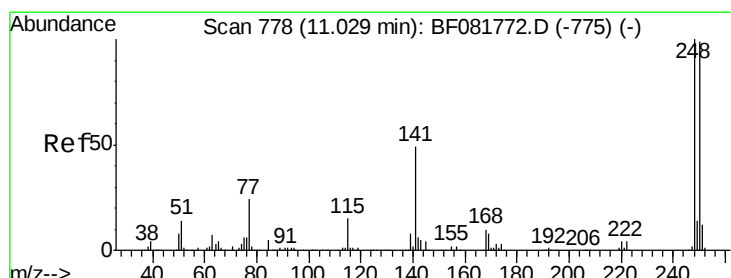
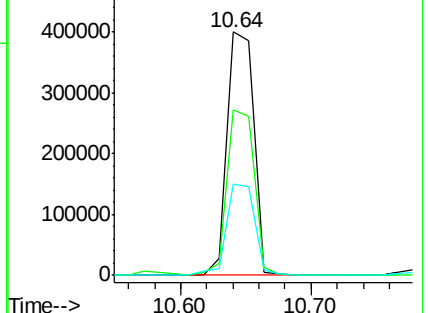
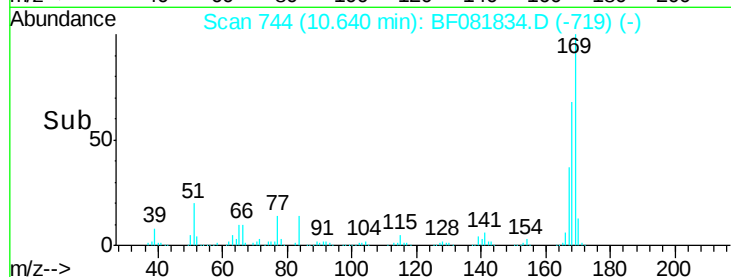
167 37.5 26.2 39.4



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: 47.25 ng

RT: 11.02 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

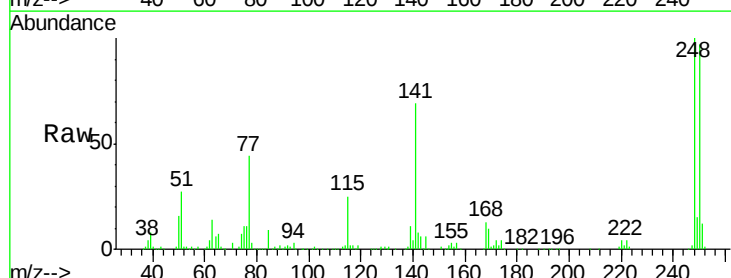
Tgt Ion:248 Resp: 196469

Ion Ratio Lower Upper

248 100

250 96.7 78.5 117.7

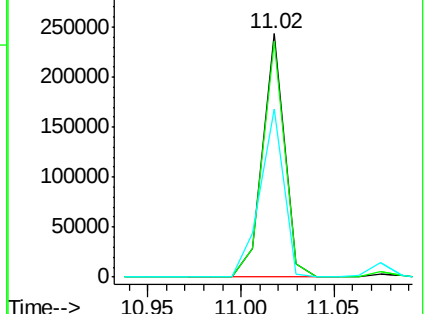
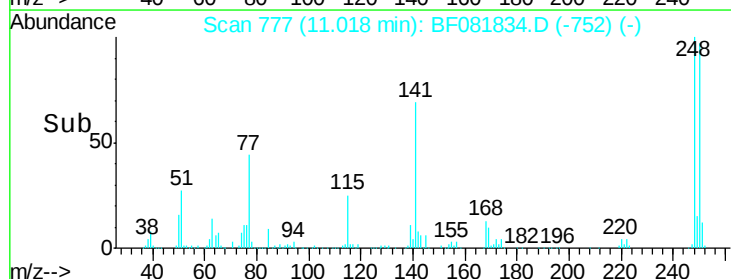
141 69.1 59.0 88.6

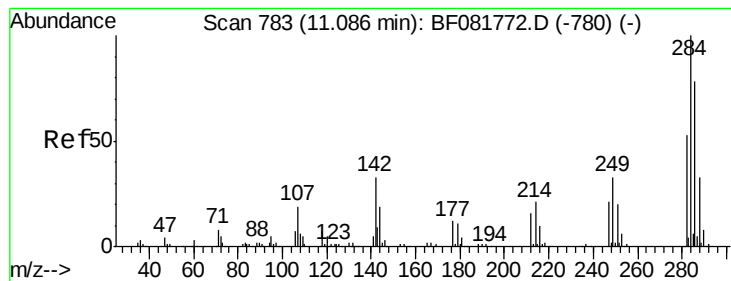


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.41 ng

RT: 11.07 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

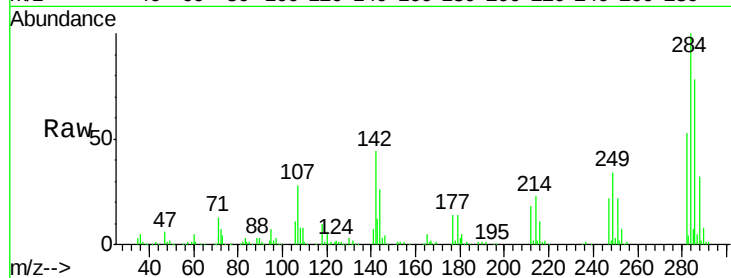
Tgt Ion:284 Resp: 201344

Ion Ratio Lower Upper

284 100

142 43.7 29.5 44.3

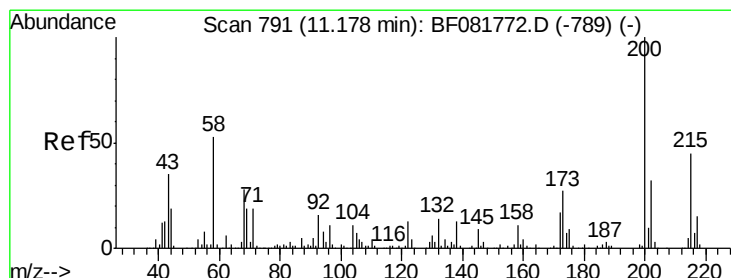
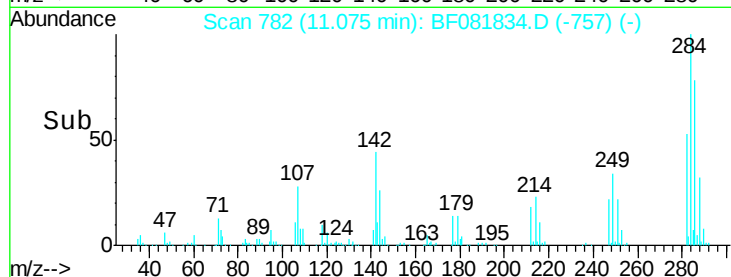
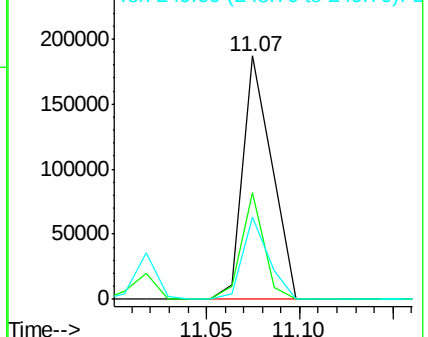
249 34.0 19.5 29.3#



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: 52.03 ng

RT: 11.18 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

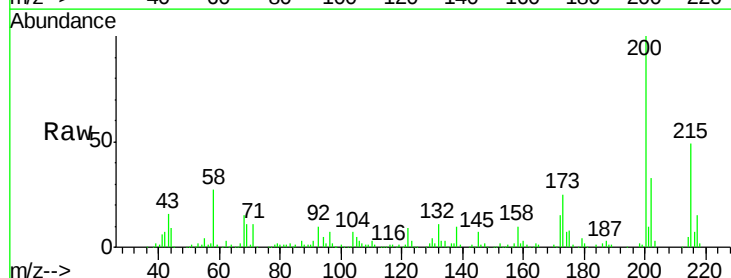
Tgt Ion:200 Resp: 195905

Ion Ratio Lower Upper

200 100

173 25.2 13.2 53.2

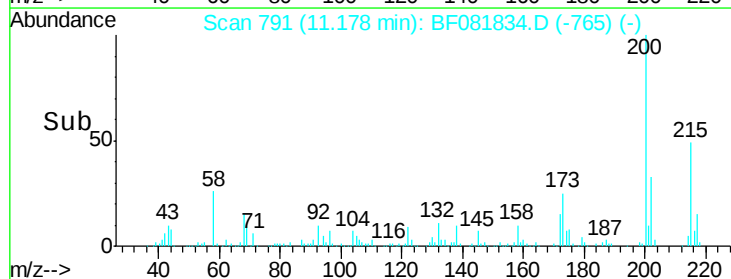
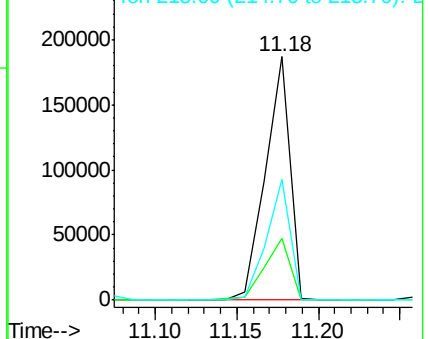
215 49.3 41.8 81.8

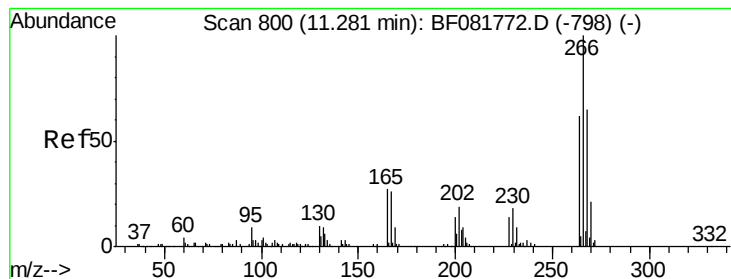


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 88.49 ng

RT: 11.27 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

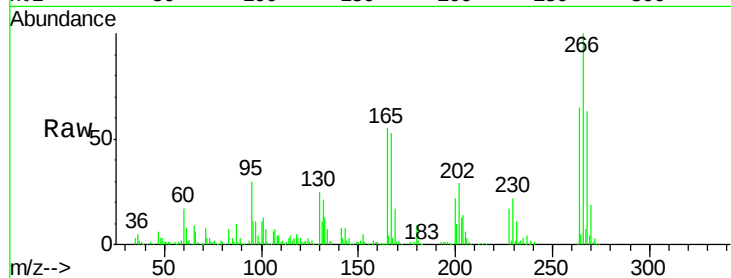
Tgt Ion:266 Resp: 213767

Ion Ratio Lower Upper

266 100

268 62.9 49.8 74.6

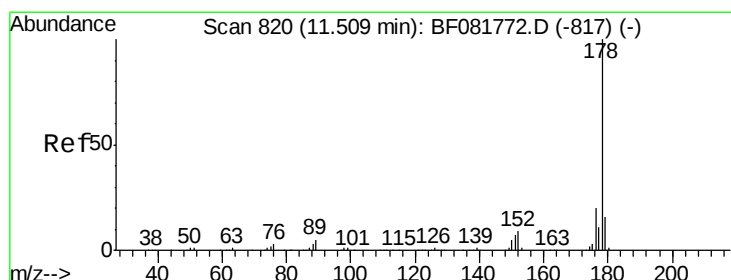
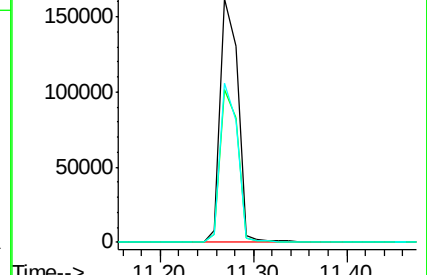
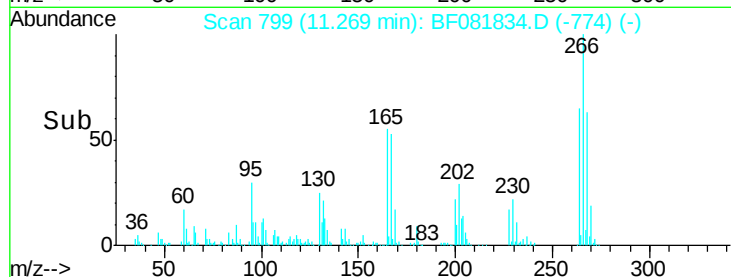
264 65.2 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 52.32 ng

RT: 11.55 min Scan# 824

Delta R.T. 0.05 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

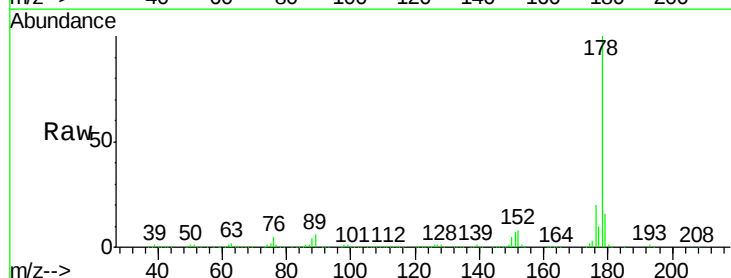
Tgt Ion:178 Resp: 1117094

Ion Ratio Lower Upper

178 100

176 19.7 13.8 20.8

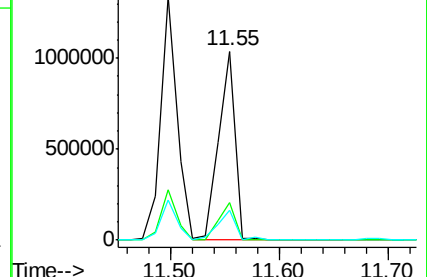
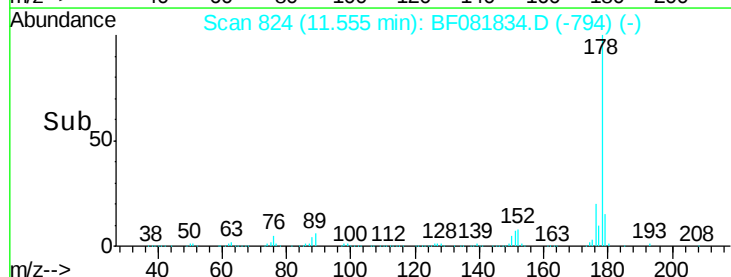
179 16.0 12.2 18.2

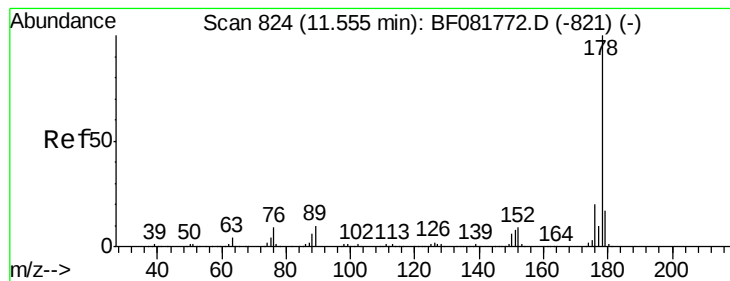


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 54.30 ng

RT: 11.55 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

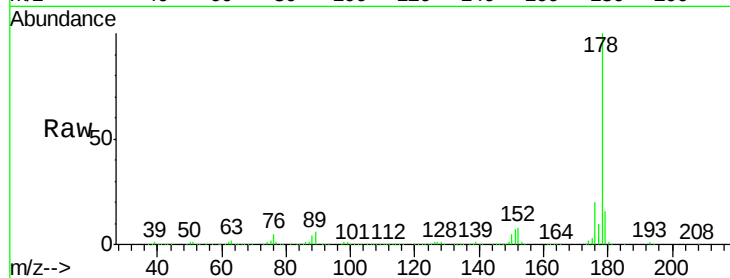
Tgt Ion:178 Resp: 1117094

Ion Ratio Lower Upper

178 100

176 19.7 14.1 21.1

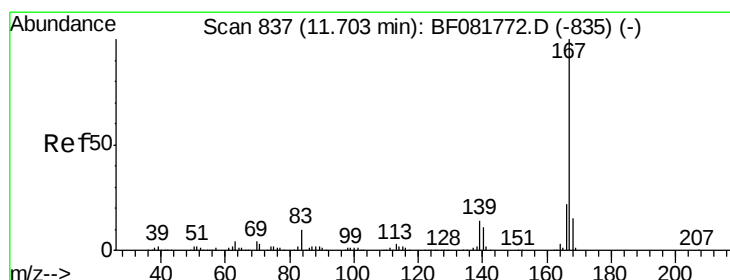
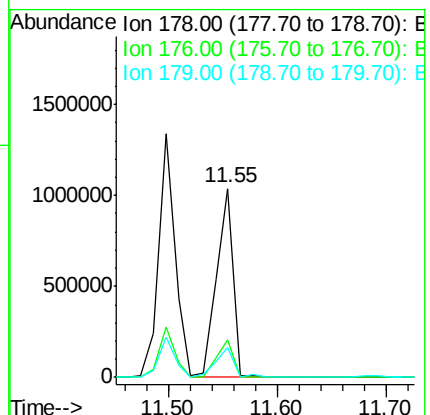
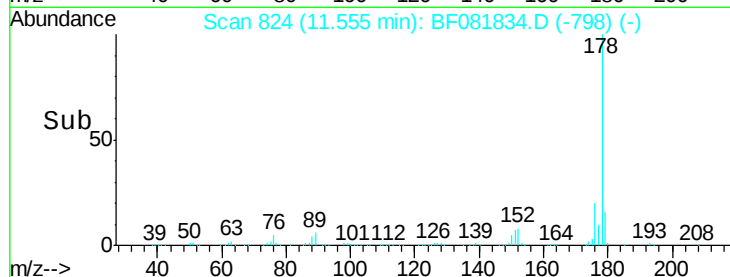
179 16.0 12.2 18.2



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: 43.48 ng

RT: 11.70 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

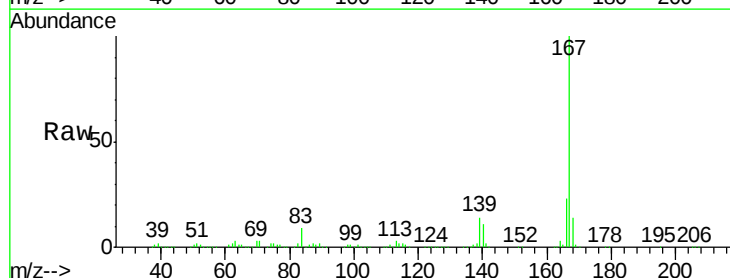
Tgt Ion:167 Resp: 830475

Ion Ratio Lower Upper

167 100

166 22.8 15.7 23.5

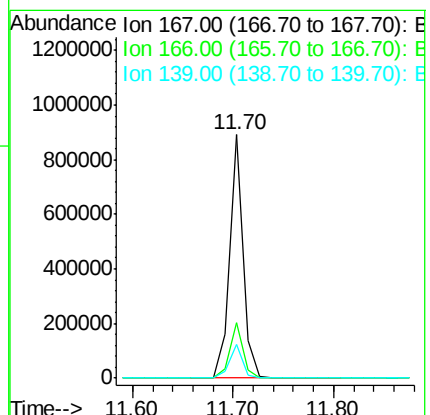
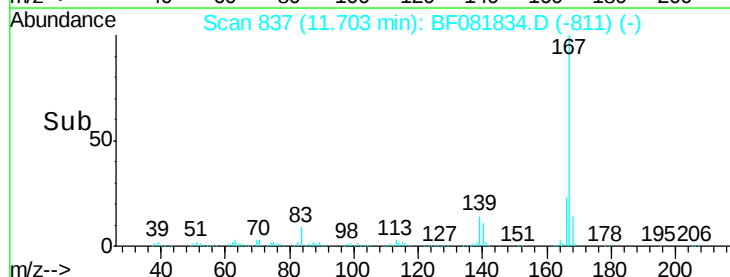
139 13.8 9.5 14.3

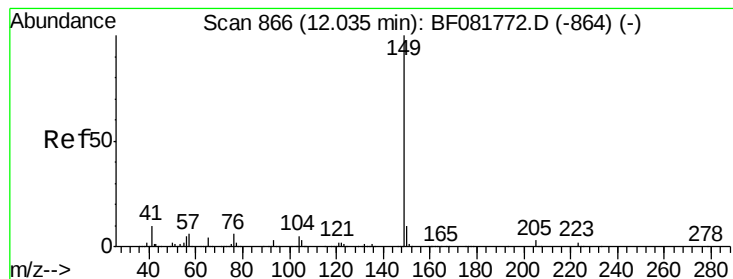


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.65 ng

RT: 12.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

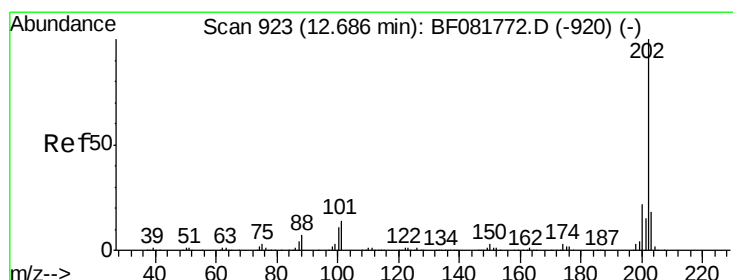
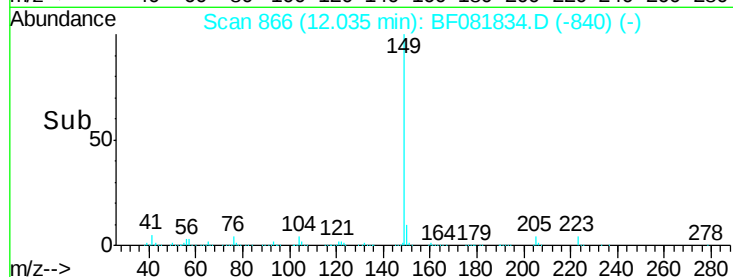
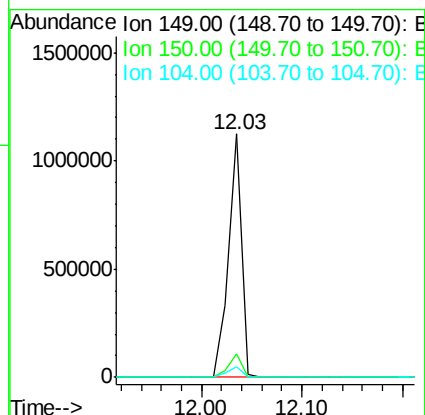
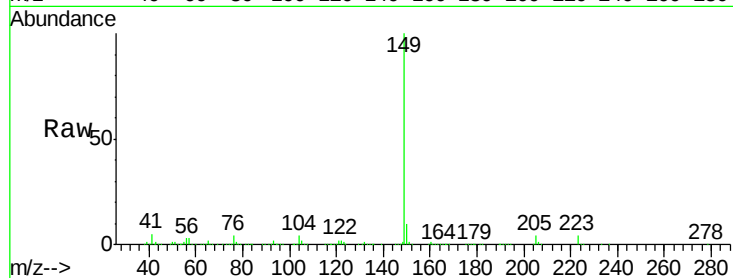
Tgt Ion:149 Resp: 1014788

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 4.2 2.4 3.6#



#74

Fluoranthene

Concen: 61.56 ng

RT: 12.69 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

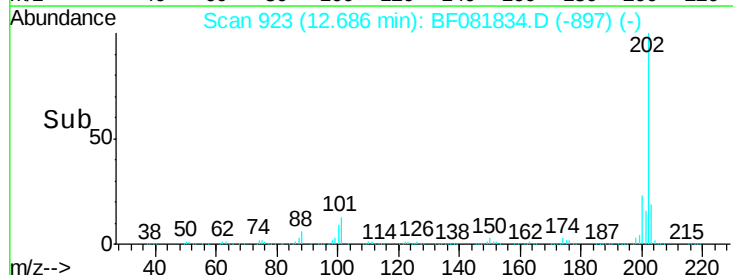
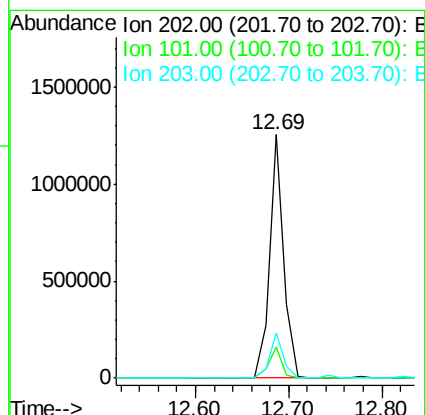
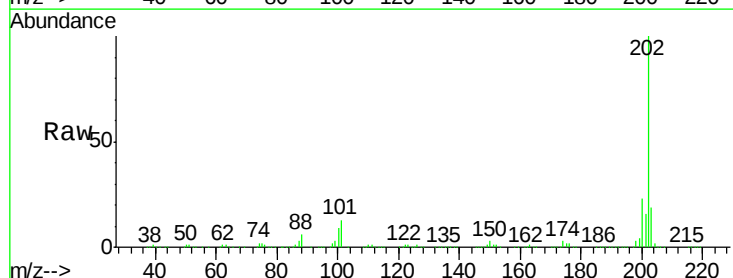
Tgt Ion:202 Resp: 1324395

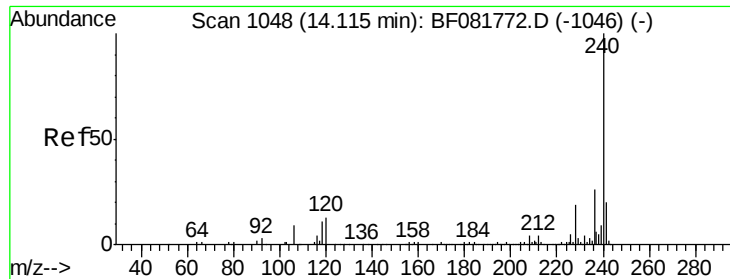
Ion Ratio Lower Upper

202 100

101 12.6 0.0 38.3

203 18.8 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

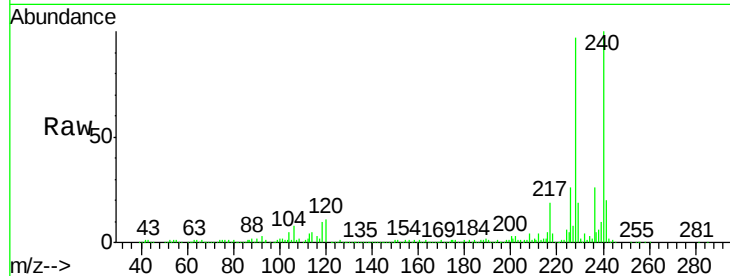
Tgt Ion:240 Resp: 286689

Ion Ratio Lower Upper

240 100

120 11.1 16.2 24.2#

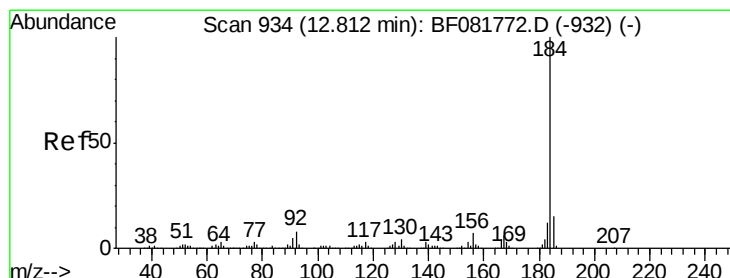
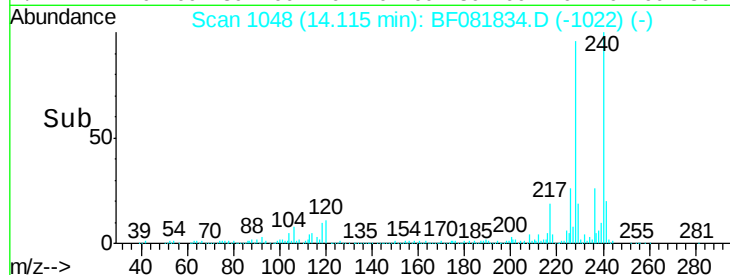
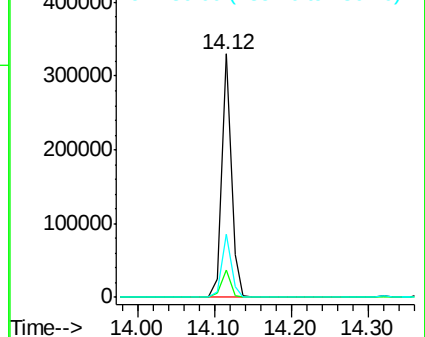
236 25.8 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.50 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

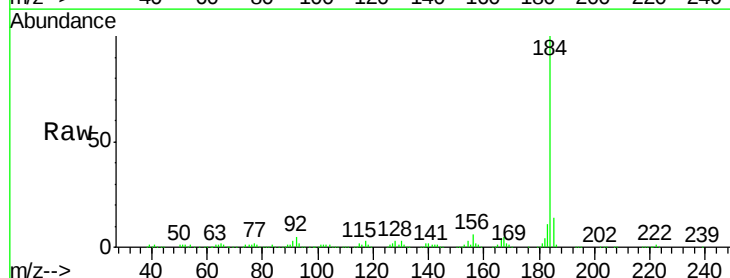
Tgt Ion:184 Resp: 374572

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

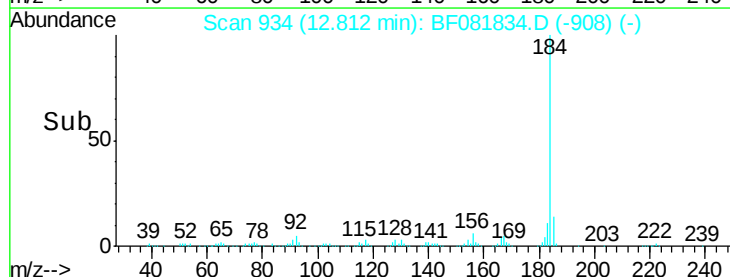
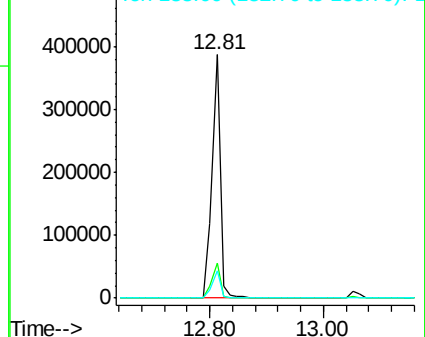
183 11.4 7.6 11.4#

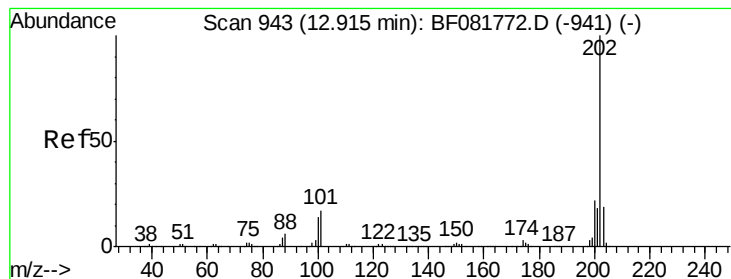


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 60.04 ng

RT: 12.92 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

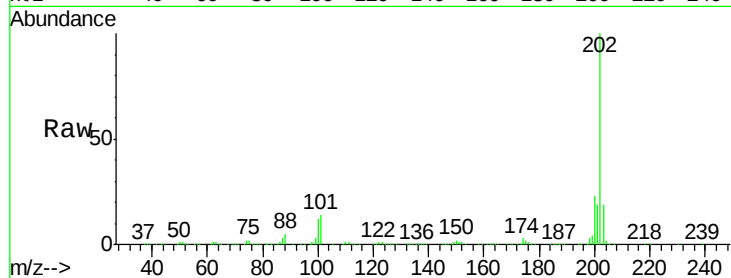
Tgt Ion:202 Resp: 1297705

Ion Ratio Lower Upper

202 100

200 22.6 15.0 22.4#

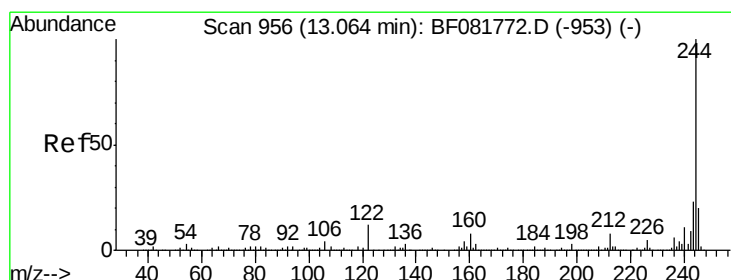
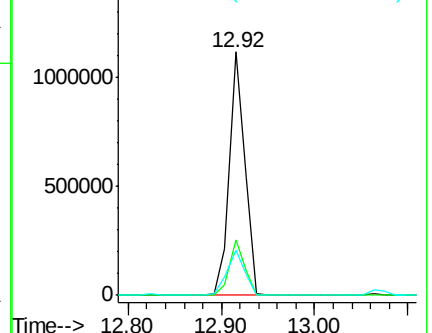
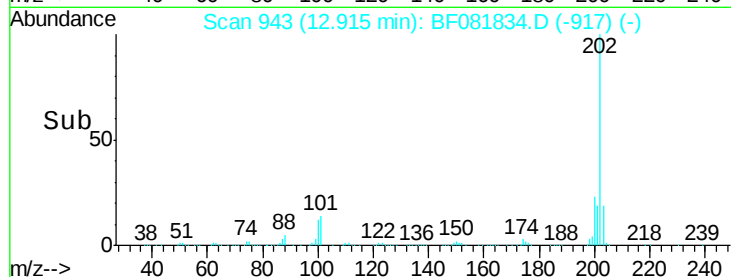
203 18.7 14.1 21.1



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: 77.85 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

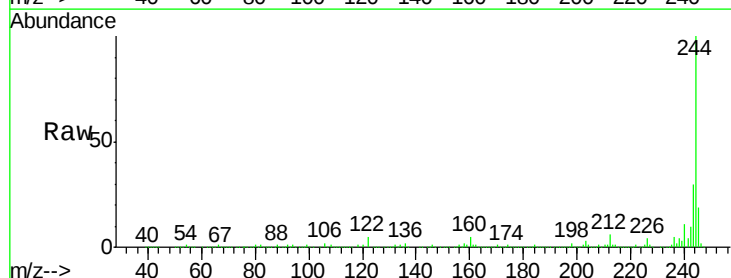
Tgt Ion:244 Resp: 977015

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

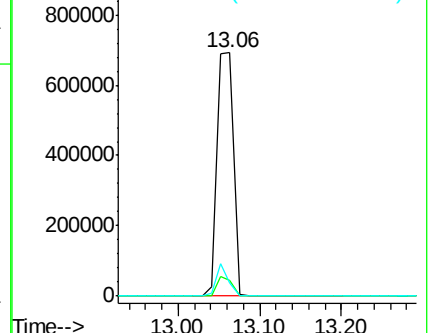
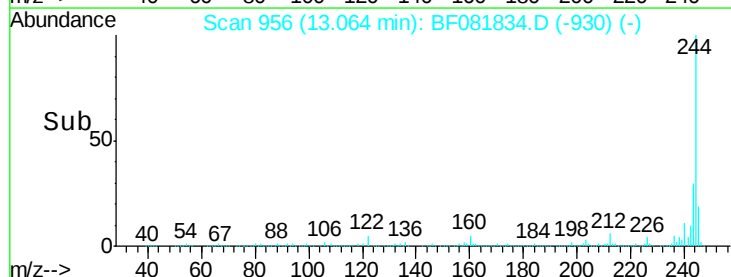
122 5.2 17.4 26.2#

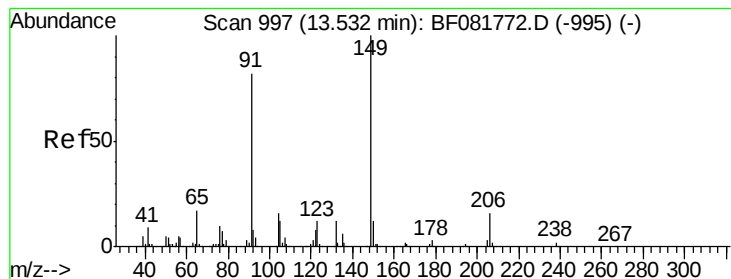


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.24 ng

RT: 13.53 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

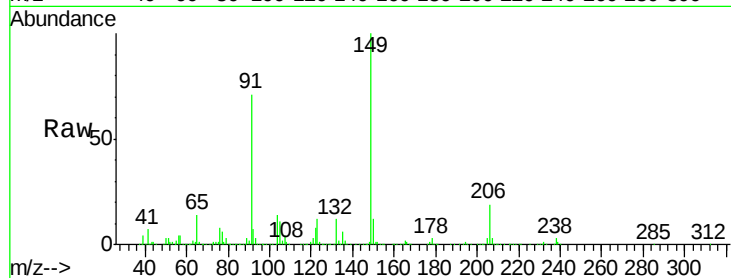
Tgt Ion:149 Resp: 346600

Ion Ratio Lower Upper

149 100

91 71.5 48.6 72.8

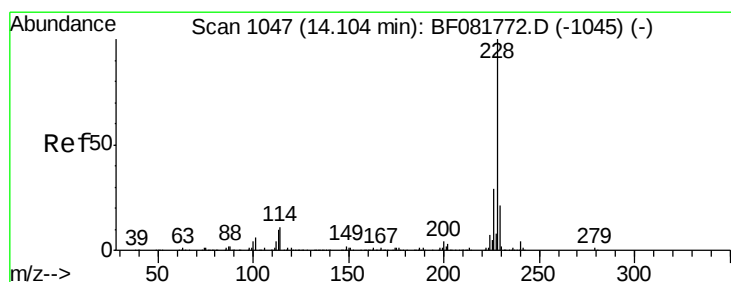
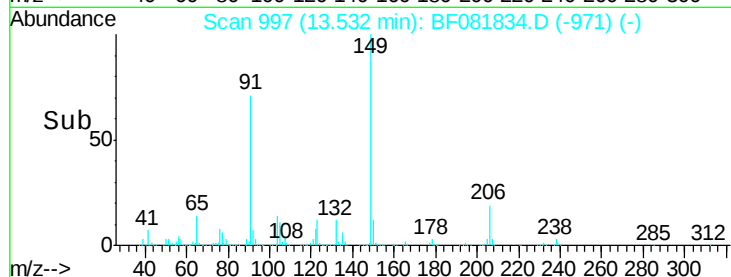
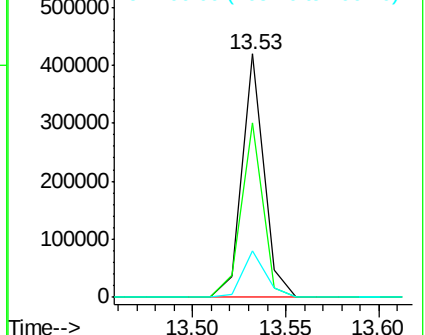
206 18.9 14.9 22.3



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: 57.81 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

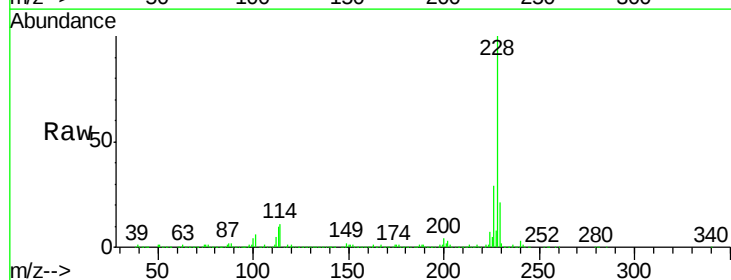
Tgt Ion:228 Resp: 1004902

Ion Ratio Lower Upper

228 100

226 29.3 20.0 30.0

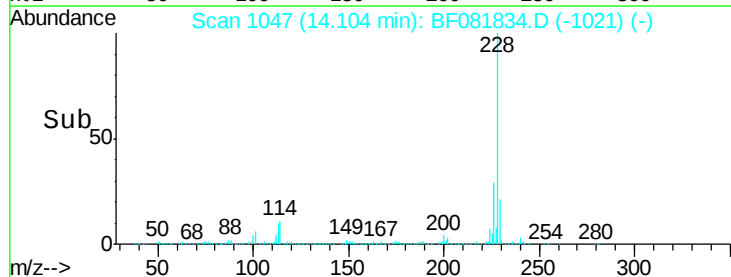
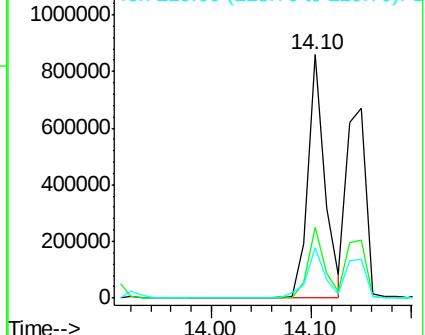
229 20.8 15.4 23.2

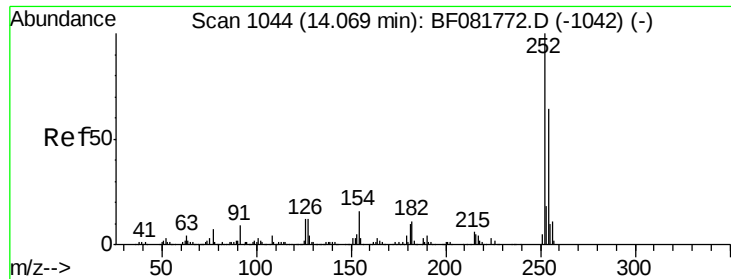


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

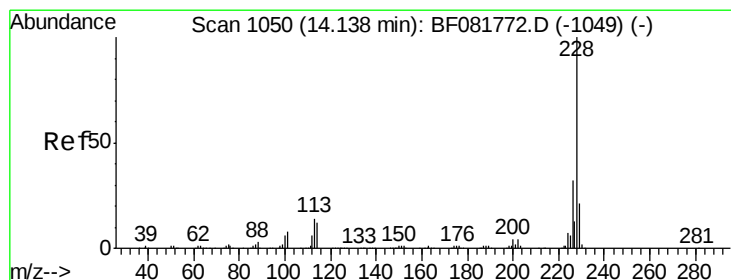
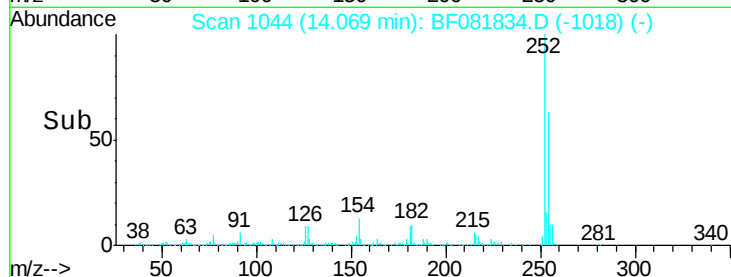
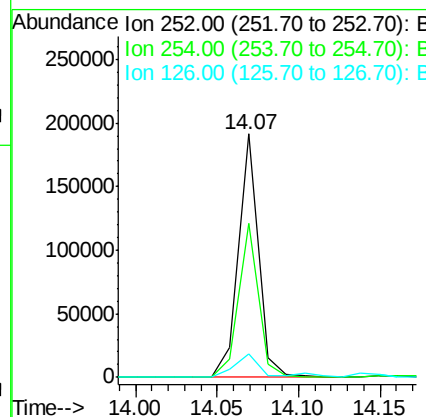
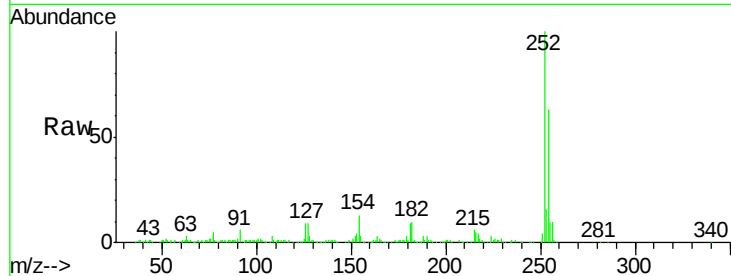




#81
 3,3'-Dichlorobenzidine
 Concen: 29.08 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

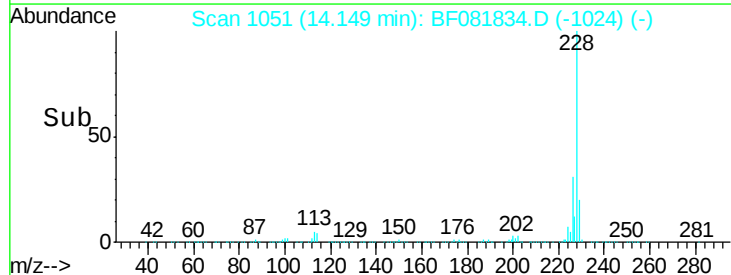
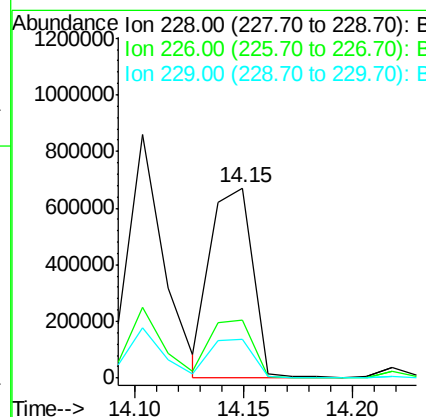
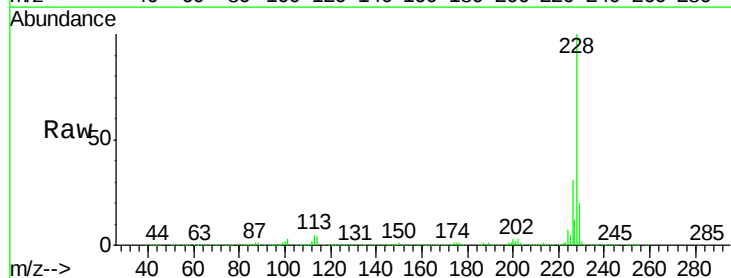
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

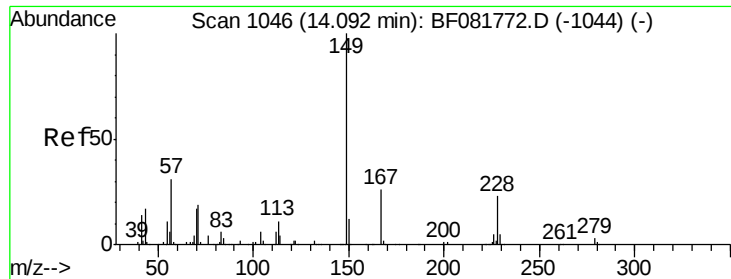
Tgt Ion:252 Resp: 160598
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.4 77.2
 126 9.5 16.4 24.6#



#82
 Chrysene
 Concen: 53.91 ng
 RT: 14.15 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion:228 Resp: 898869
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.0 31.4
 229 20.3 15.6 23.4

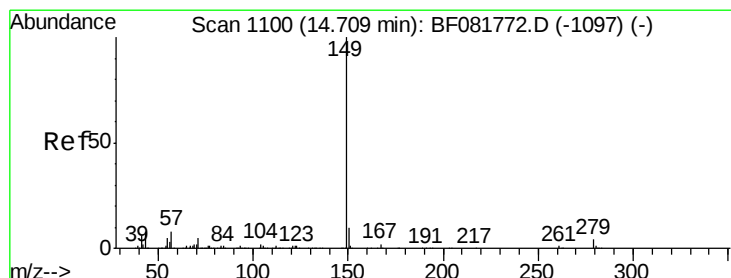
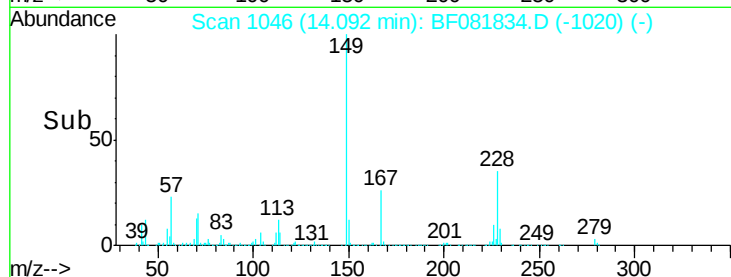
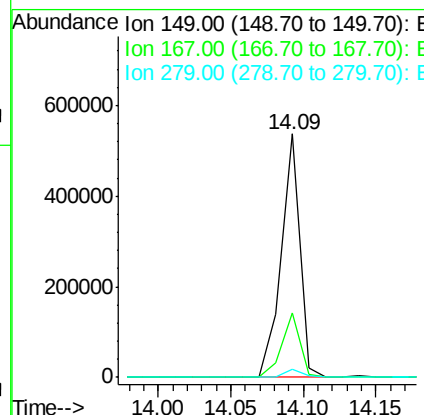
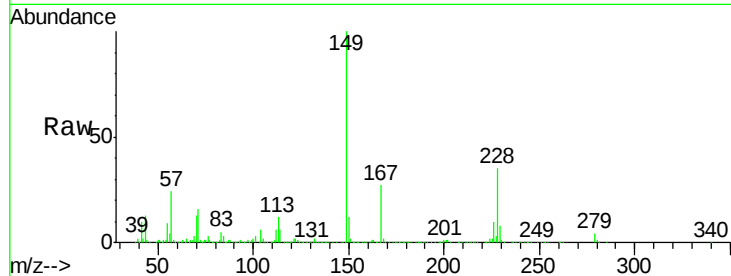




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.98 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

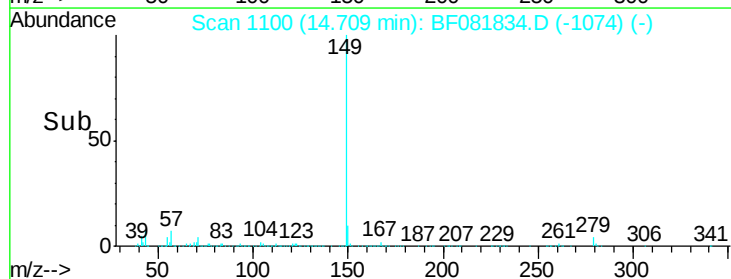
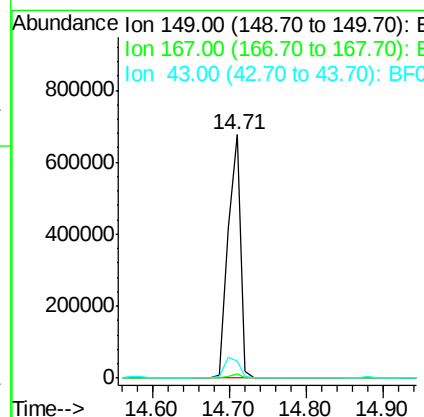
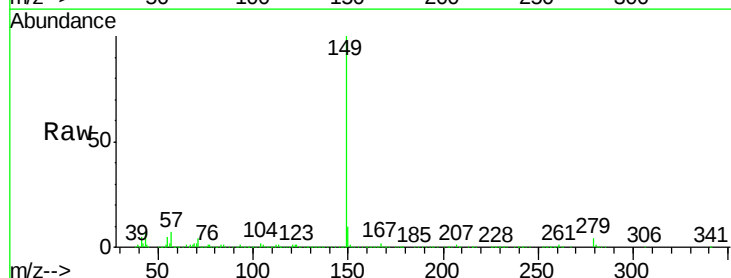
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

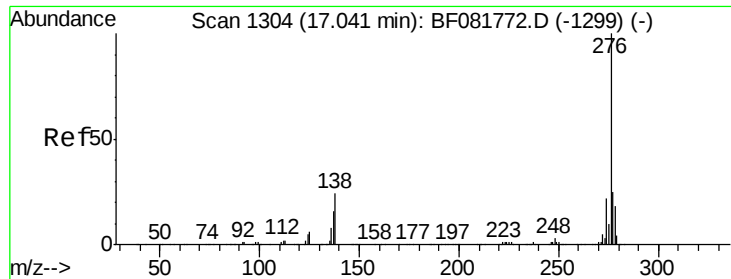
Tgt Ion:149 Resp: 480260
 Ion Ratio Lower Upper
 149 100
 167 26.5 24.2 36.2
 279 3.5 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 50.32 ng
 RT: 14.71 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion:149 Resp: 772851
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 9.9 10.2 15.2#

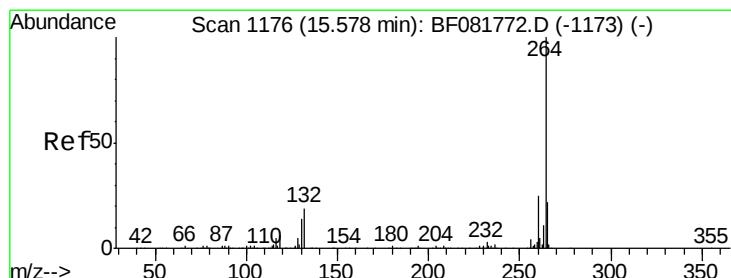
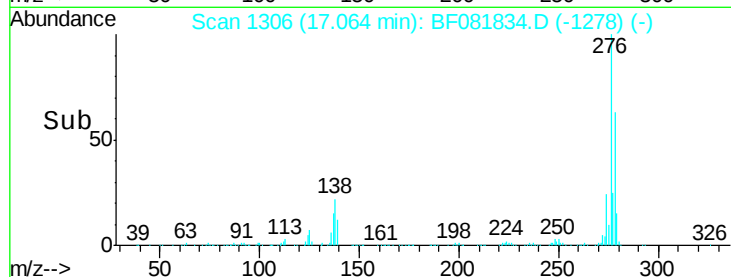
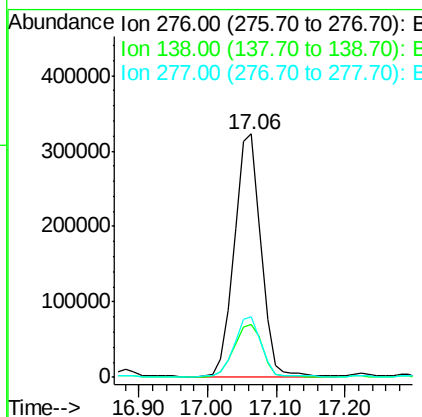
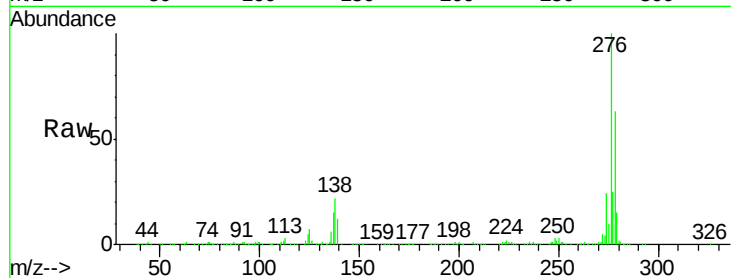




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.09 ng
 RT: 17.06 min Scan# 1306
 Delta R.T. 0.02 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

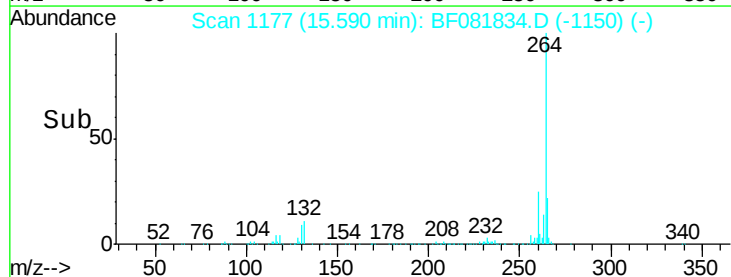
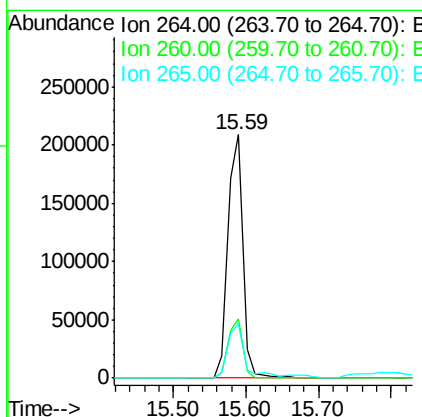
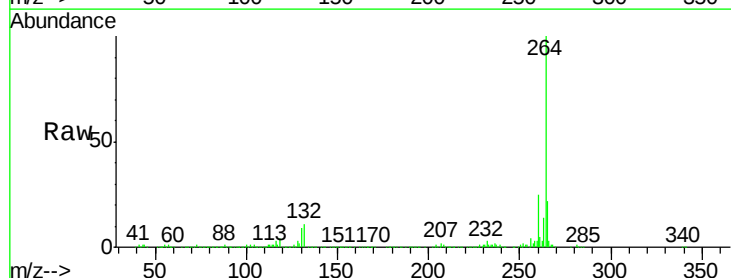
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MS

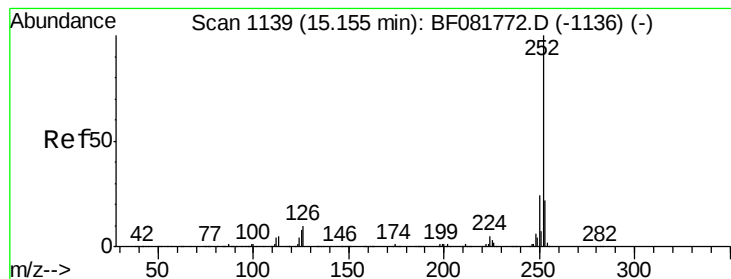
Tgt Ion:276 Resp: 871381
 Ion Ratio Lower Upper
 276 100
 138 23.3 25.7 38.5#
 277 25.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF081834.D
 Acq: 26 Sep 2015 18:26

Tgt Ion:264 Resp: 301882
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 22.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 104.16 ng

RT: 15.19 min Scan# 1142

Delta R.T. 0.03 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

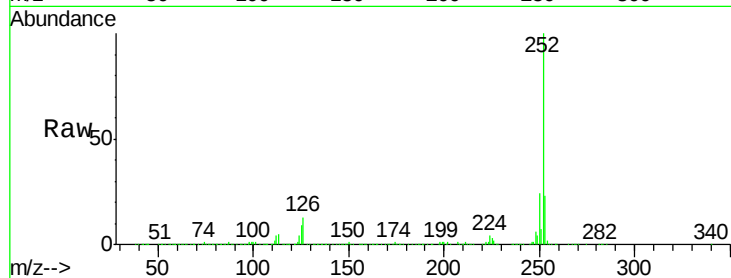
Tgt Ion:252 Resp: 1864586

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

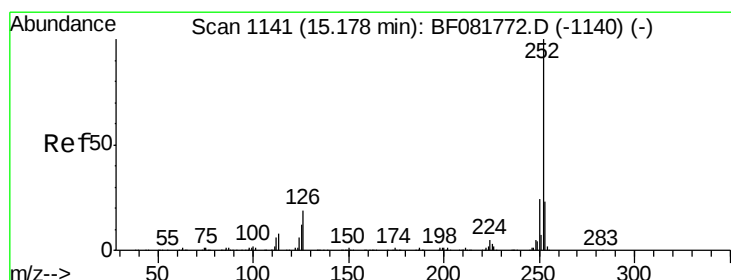
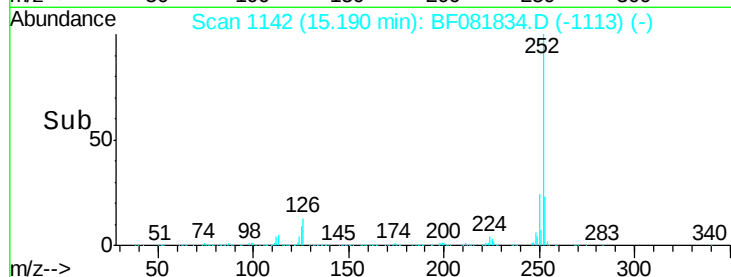
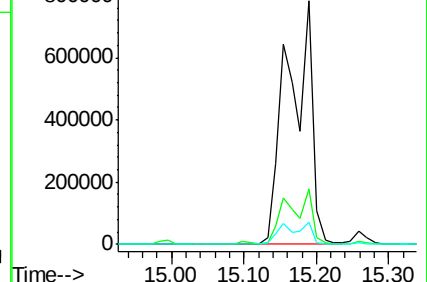
125 8.9 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 108.13 ng

RT: 15.19 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

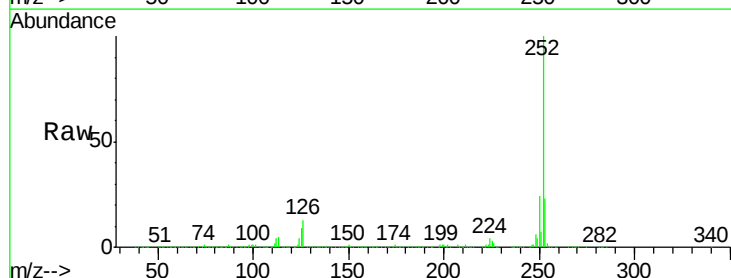
Tgt Ion:252 Resp: 1864586

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

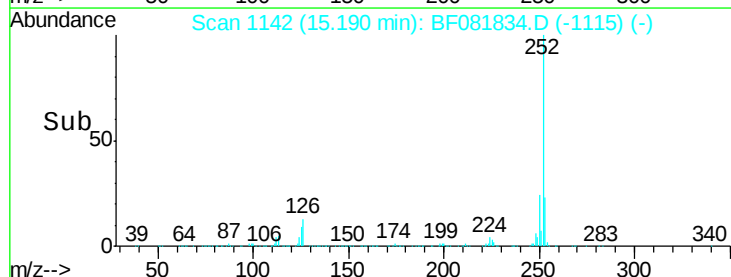
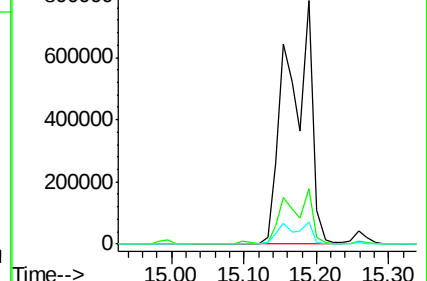
125 8.9 16.0 24.0#

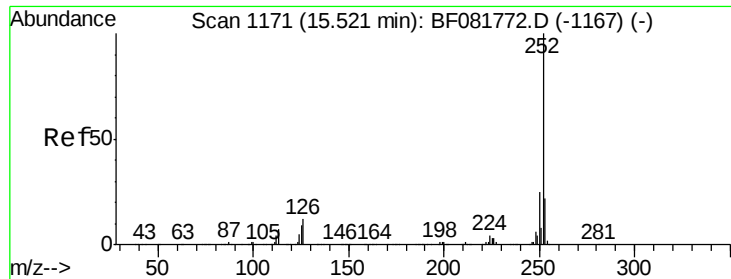


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 57.70 ng

RT: 15.53 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

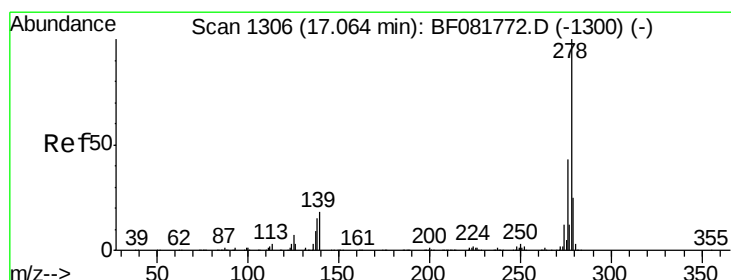
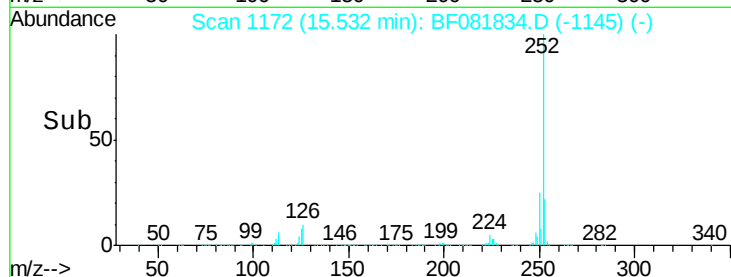
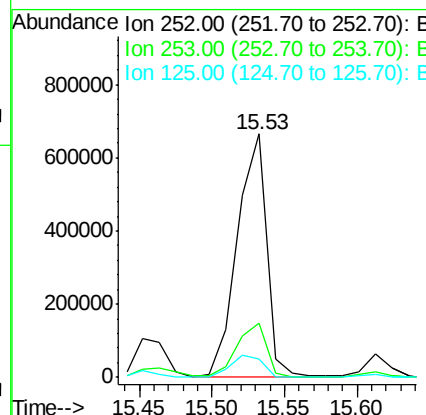
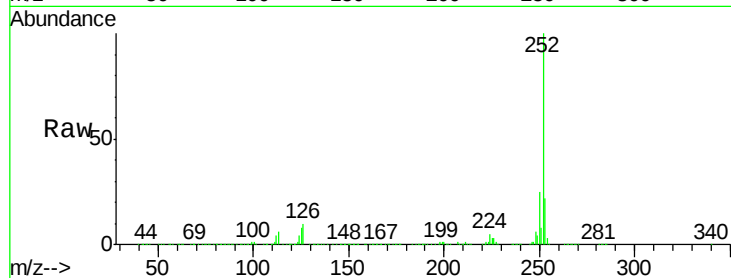
Instrument :

BNA_F

ClientSampleId :

S1-18MS

Tgt Ion:	252	Resp:	932637
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	7.8	18.0	27.0#



#90

Dibenzo(a,h)anthracene

Concen: 38.85 ng

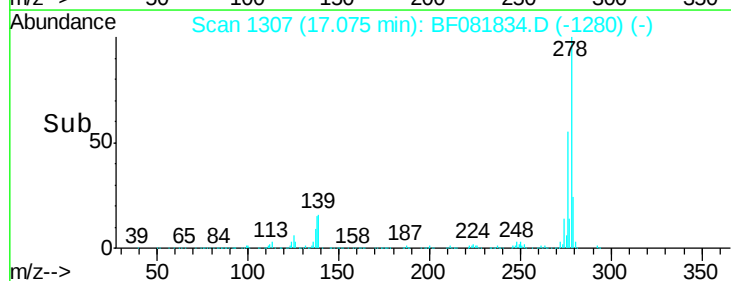
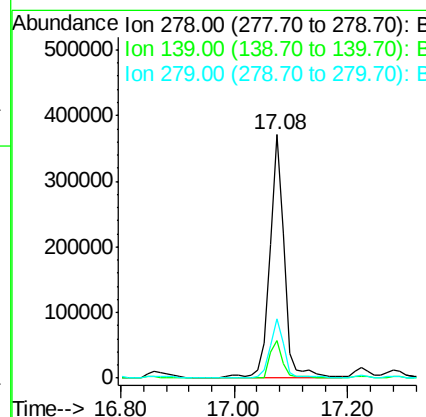
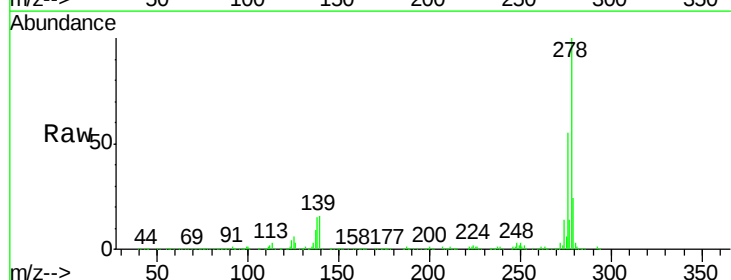
RT: 17.08 min Scan# 1307

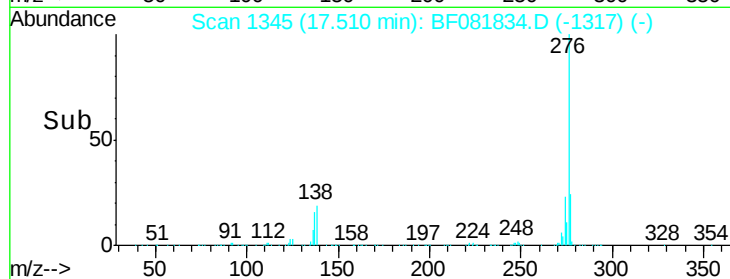
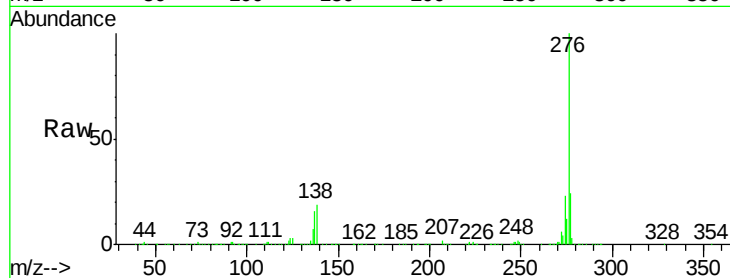
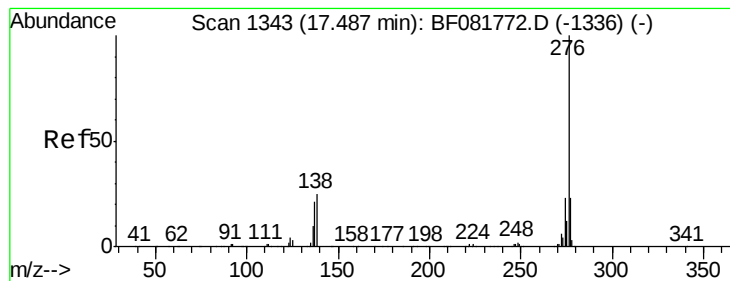
Delta R.T. 0.01 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Tgt Ion:	278	Resp:	654285
Ion	Ratio	Lower	Upper
278	100		
139	15.6	26.3	39.5#
279	24.4	18.2	27.4





#91

Benzo(g,h,i)perylene

Concen: 41.22 ng

RT: 17.51 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF081834.D

Acq: 26 Sep 2015 18:26

Instrument :

BNA_F

ClientSampleId :

S1-18MS

Tgt Ion:276 Resp: 715757

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 18.7 34.6 51.8#

