

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083060.D
 Acq On : 20 Nov 2015 3:55
 Operator : UM/IZ
 Sample : G4436-11MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

Quant Time: Nov 20 07:53:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	122054	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	472672	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	247955	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	464630	20.00	ng	0.00
75) Chrysene-d12	13.86	240	423577	20.00	ng	0.00
86) Perylene-d12	15.23	264	338571	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	887610	112.95	ng	0.02
7) Phenol-d6	6.36	99	1221899	118.06	ng	0.01
23) Nitrobenzene-d5	7.28	82	975329	94.47	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	311926	118.48	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1375079	74.69	ng	-0.01
78) Terphenyl-d14	12.81	244	1481630	82.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	130319	36.57	ng	99
3) Pyridine	2.99	79	266276m	27.57	ng	
4) n-Nitrosodimethylamine	2.90	42	191324	39.16	ng	97
6) Aniline	6.37	93	53869	3.81	ng	# 1
8) 2-Chlorophenol	6.49	128	347407	39.64	ng	89
9) Benzaldehyde	6.25	77	59021m	8.99	ng	
10) Phenol	6.37	94	475393	39.42	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	383146	43.72	ng	98
12) 1,3-Dichlorobenzene	6.65	146	358779	36.57	ng	99
13) 1,4-Dichlorobenzene	6.72	146	353496	35.57	ng	99
14) 1,2-Dichlorobenzene	6.88	146	376868	41.04	ng	97
15) Benzyl Alcohol	6.85	79	321193	37.72	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	581037	42.54	ng	88
17) 2-Methylphenol	6.98	107	302253	41.30	ng	97
18) Hexachloroethane	7.22	117	136854	37.47	ng	# 90
19) n-Nitroso-di-n-propylamine	7.13	70	291607	38.55	ng	98
20) 3+4-Methylphenols	7.14	107	401433	42.07	ng	98
22) Acetophenone	7.12	105	542728	40.99	ng	96
24) Nitrobenzene	7.29	77	425043	40.81	ng	98
25) Isophorone	7.54	82	820171	42.12	ng	98
26) 2-Nitrophenol	7.61	139	188909	41.47	ng	93
27) 2,4-Dimethylphenol	7.66	122	348788	46.34	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	471352	43.20	ng	98
29) 2,4-Dichlorophenol	7.86	162	343110	47.03	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	341595	42.28	ng	97
31) Naphthalene	8.01	128	989393	40.17	ng	98
32) Benzoic acid	7.80	122	209024	45.66	ng	97
33) 4-Chloroaniline	8.08	127	46099	4.30	ng	# 88
34) Hexachlorobutadiene	8.14	225	200152	39.64	ng	99
35) Caprolactam	8.44	113	90426m	38.99	ng	
36) 4-Chloro-3-methylphenol	8.57	107	371923	44.10	ng	90
37) 2-Methylnaphthalene	8.70	142	716009	43.67	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	345741	42.28	ng	99
40) Hexachlorocyclopentadiene	8.86	237	326988	85.82	ng	99

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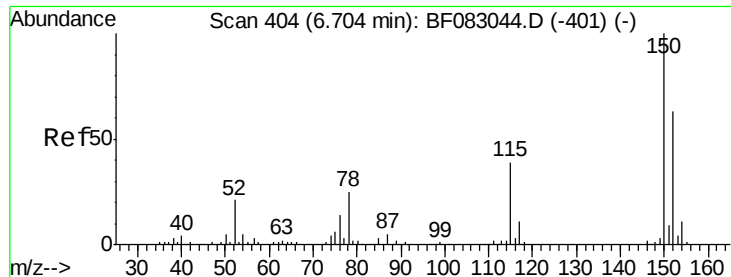
Instrument :
 BNA_F
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.99	196	241496	40.70	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	243077	41.09	ng #	91
45) 1,1'-Biphenyl	9.17	154	915073	41.95	ng	98
46) 2-Chloronaphthalene	9.20	162	720223	43.40	ng	96
47) 2-Nitroaniline	9.29	65	222038	35.46	ng	94
48) Acenaphthylene	9.61	152	1111159	40.67	ng	99
49) Dimethylphthalate	9.48	163	864990	42.39	ng	100
50) 2,6-Dinitrotoluene	9.54	165	200970	45.68	ng	87
51) Acenaphthene	9.78	154	725905	42.04	ng	99
52) 3-Nitroaniline	9.70	138	38354	7.64	ng	84
53) 2,4-Dinitrophenol	9.81	184	244170	108.92	ng #	79
54) Dibenzofuran	9.95	168	946097	40.89	ng	99
55) 4-Nitrophenol	9.88	139	231251	67.14	ng #	77
56) 2,4-Dinitrotoluene	9.94	165	254029	43.15	ng	94
57) Fluorene	10.29	166	806363	43.31	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	218175	45.63	ng	98
59) Diethylphthalate	10.18	149	833123	41.86	ng	100
60) 4-Chlorophenyl-phenylether	10.29	204	370040	42.44	ng	95
61) 4-Nitroaniline	10.32	138	143774	28.05	ng	93
62) Azobenzene	10.44	77	898501	40.31	ng	85
64) 4,6-Dinitro-2-methylphenol	10.35	198	150833	50.92	ng	96
65) n-Nitrosodiphenylamine	10.41	169	536540	32.95	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	221954	41.25	ng	94
67) Hexachlorobenzene	10.84	284	260718	44.29	ng	93
68) Atrazine	10.94	200	160596	31.49	ng	95
69) Pentachlorophenol	11.04	266	280296	93.31	ng	98
70) Phenanthrene	11.25	178	1236581	44.11	ng	100
71) Anthracene	11.30	178	1219788	43.20	ng	98
72) Carbazole	11.46	167	925863	37.51	ng	98
73) Di-n-butylphthalate	11.80	149	1377918	44.26	ng	100
74) Fluoranthene	12.43	202	1219208	41.73	ng	100
77) Pyrene	12.66	202	1356231	45.48	ng	100
79) Butylbenzylphthalate	13.29	149	539707	40.96	ng	97
80) Benzo(a)anthracene	13.85	228	1181910	43.91	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	42848	4.73	ng #	97
82) Chrysene	13.88	228	1050183	42.55	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	809738	47.00	ng	98
84) Di-n-octyl phthalate	14.47	149	1247740	44.45	ng	98
85) Indeno(1,2,3-cd)pyrene	16.53	276	915438	45.58	ng	99
87) Benzo(b)fluoranthene	14.85	252	958551	40.49	ng	98
88) Benzo(k)fluoranthene	14.89	252	942458m	52.26	ng	
89) Benzo(a)pyrene	15.19	252	881061	46.38	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	780678	47.22	ng	99
91) Benzo(g,h,i)perylene	16.92	276	765164	47.45	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

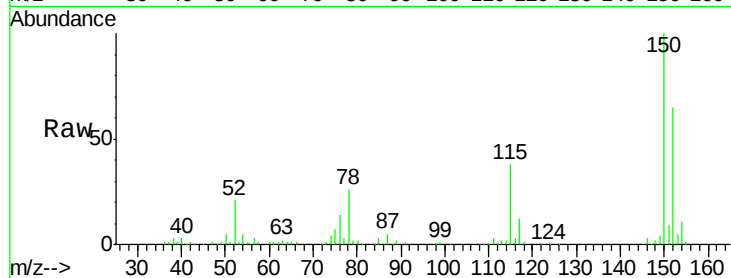
Tgt Ion:152 Resp: 122054

Ion Ratio Lower Upper

152 100

150 154.5 126.4 189.6

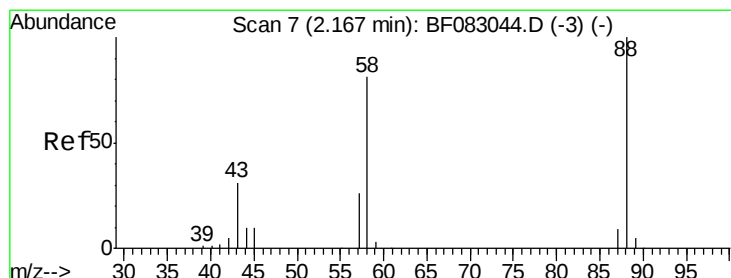
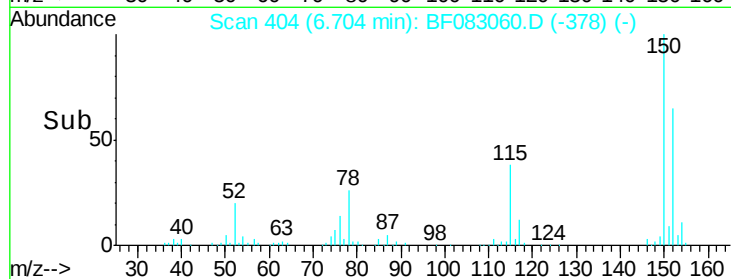
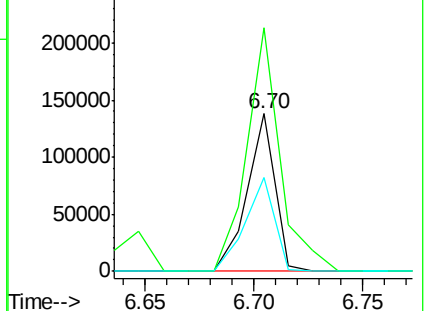
115 59.3 49.0 73.6



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: 36.57 ng

RT: 2.34 min Scan# 22

Delta R.T. 0.17 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

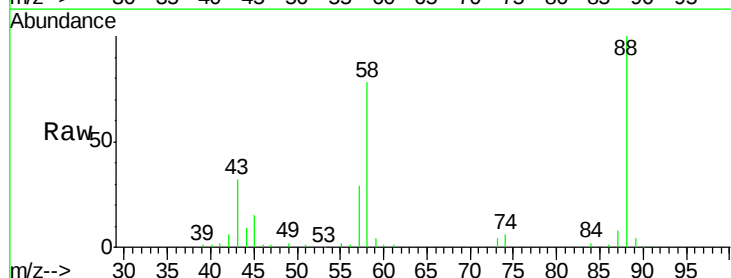
Tgt Ion: 88 Resp: 130319

Ion Ratio Lower Upper

88 100

58 81.0 64.8 97.2

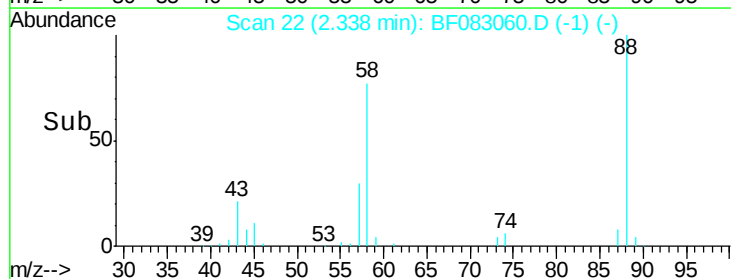
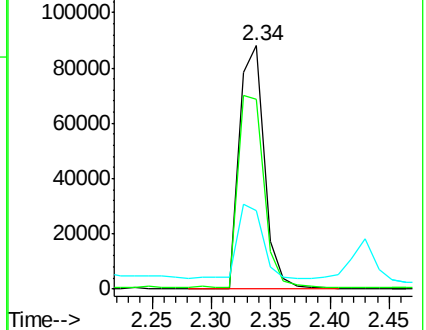
43 31.1 26.2 39.4

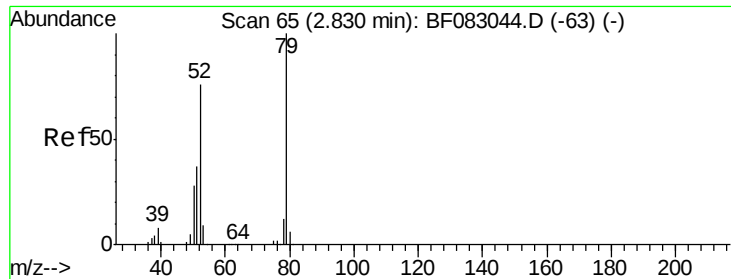


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.57 ng m

RT: 2.99 min Scan# 79

Delta R.T. 0.16 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

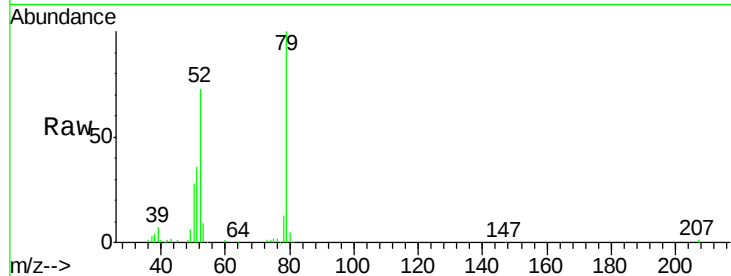
Tgt Ion: 79 Resp: 266276

Ion Ratio Lower Upper

79 100

52 73.2 61.0 91.4

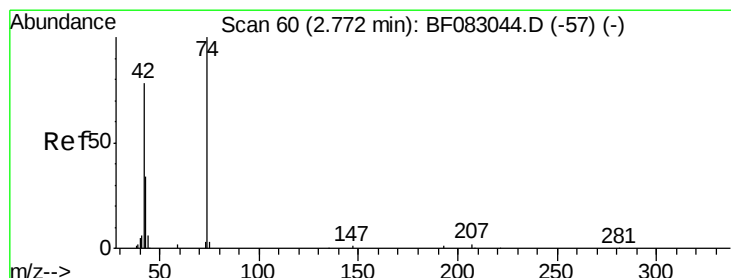
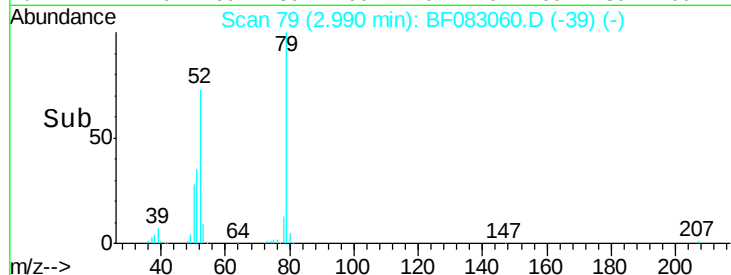
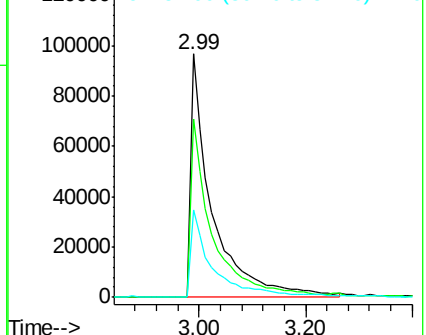
51 35.8 30.0 45.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.16 ng

RT: 2.90 min Scan# 71

Delta R.T. 0.13 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

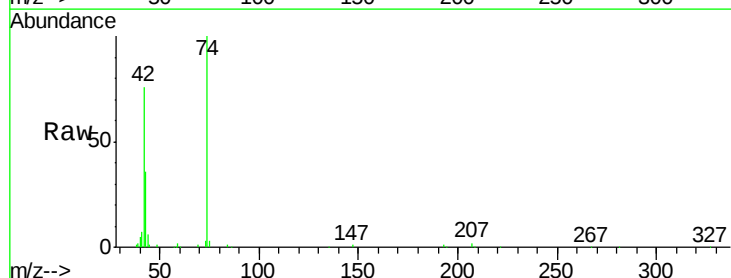
Tgt Ion: 42 Resp: 191324

Ion Ratio Lower Upper

42 100

74 131.4 102.4 153.6

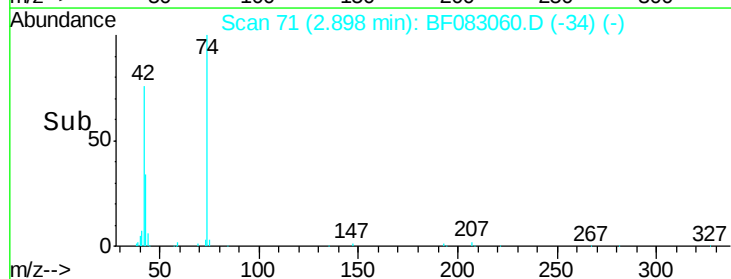
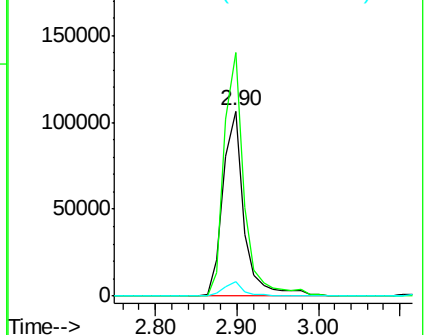
44 7.7 5.8 8.8

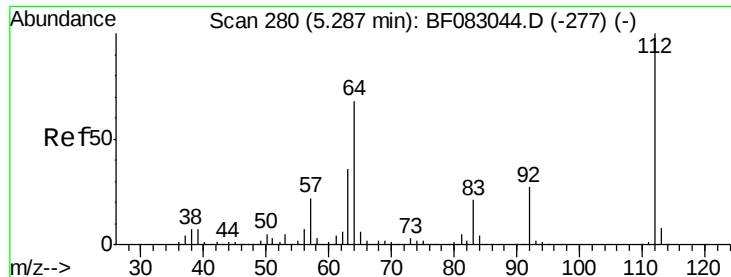


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.95 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.02 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

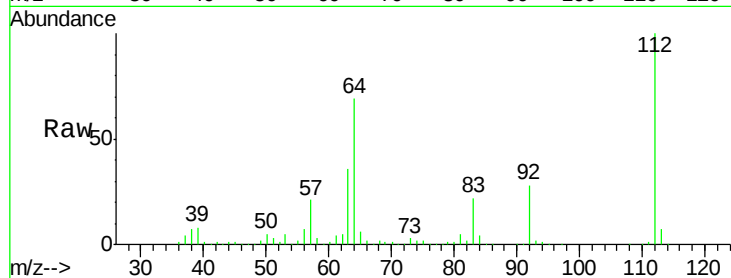
Tgt Ion: 112 Resp: 887610

Ion Ratio Lower Upper

112 100

64 69.0 54.8 82.2

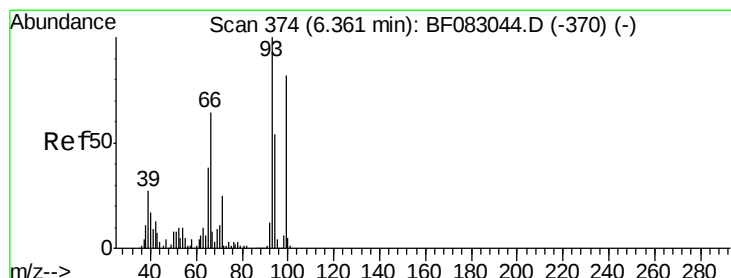
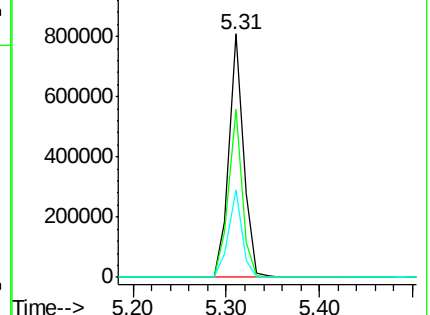
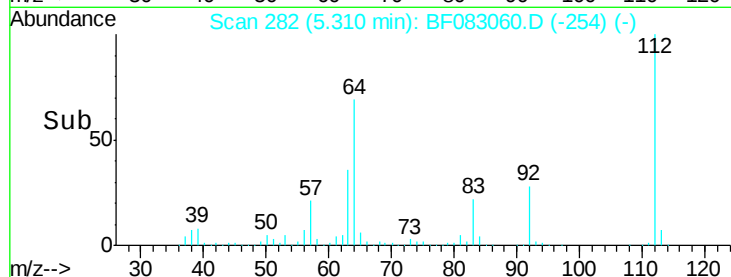
63 36.1 29.0 43.4



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: 3.81 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

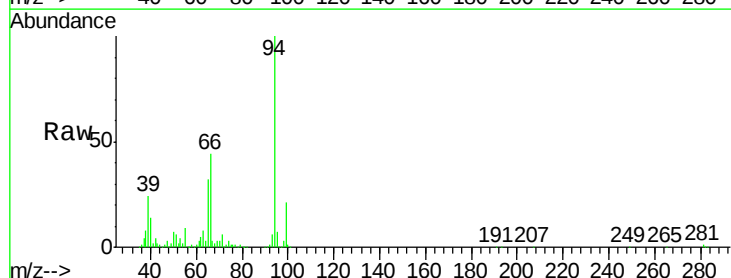
Tgt Ion: 93 Resp: 53869

Ion Ratio Lower Upper

93 100

66 777.4 51.4 77.2#

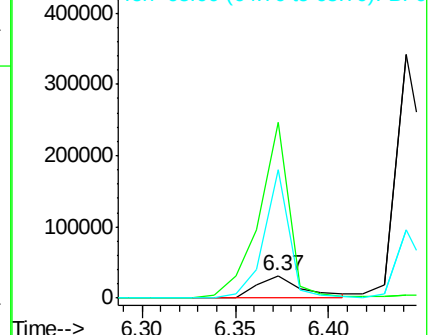
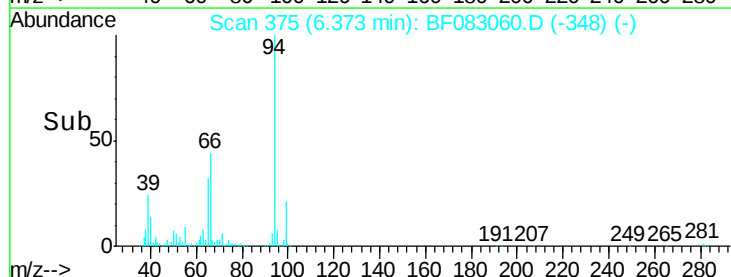
65 569.4 30.7 46.1#

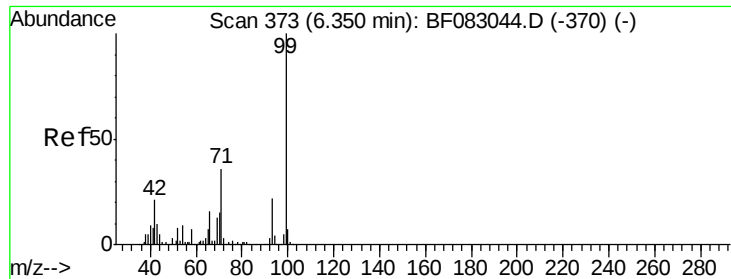


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.06 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083060.D

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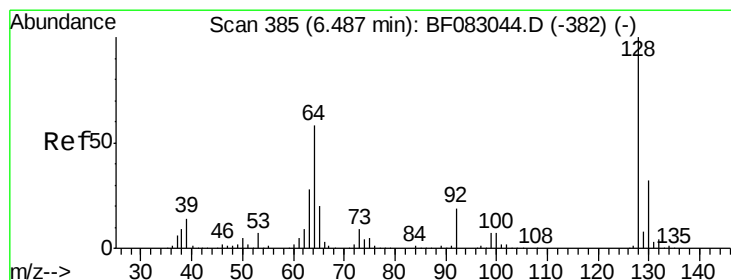
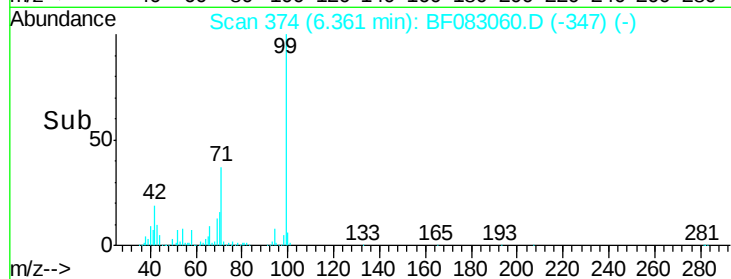
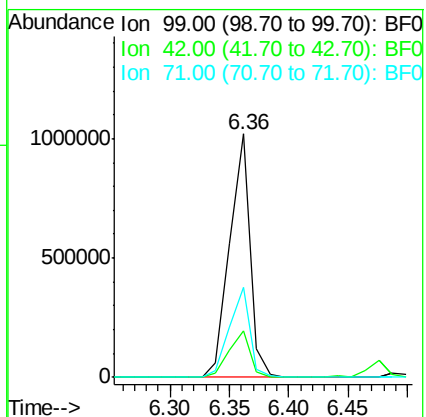
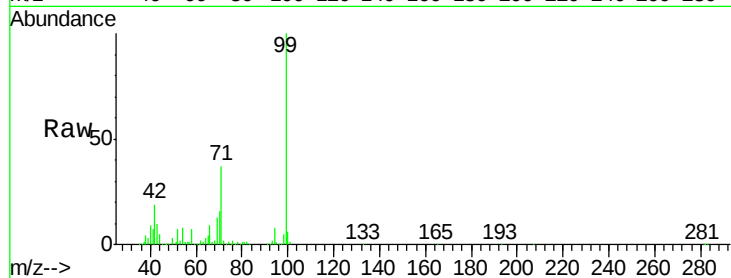
Tgt Ion: 99 Resp: 1221899

Ion Ratio Lower Upper

99 100

42 18.9 16.6 25.0

71 36.9 29.2 43.8



#8

2-Chlorophenol

Concen: 39.64 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

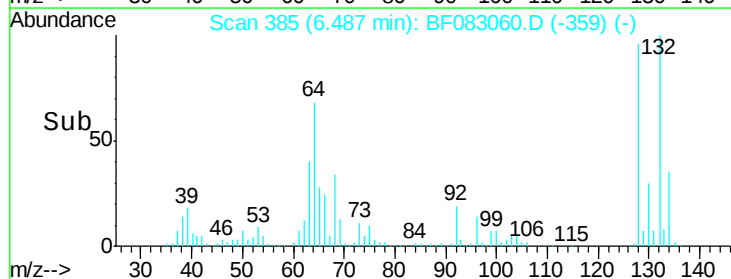
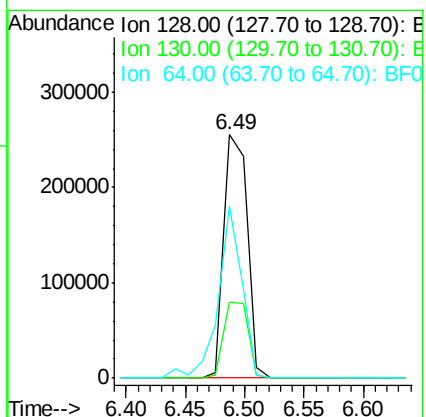
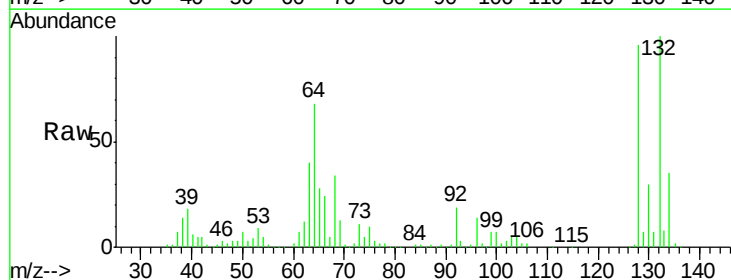
Tgt Ion: 128 Resp: 347407

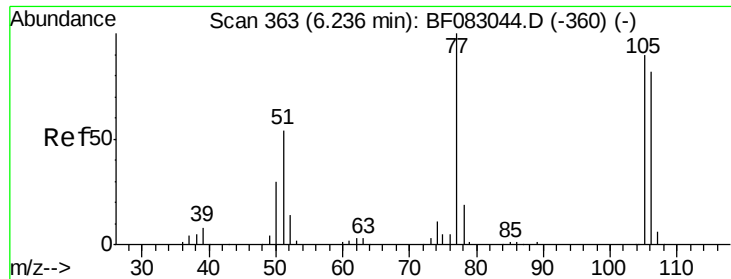
Ion Ratio Lower Upper

128 100

130 31.2 12.3 52.3

64 70.4 38.3 78.3





#9

Benzaldehyde

Concen: 8.99 ng m

RT: 6.25 min Scan# 364

Delta R.T. 0.01 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampled :

PM-1350MS

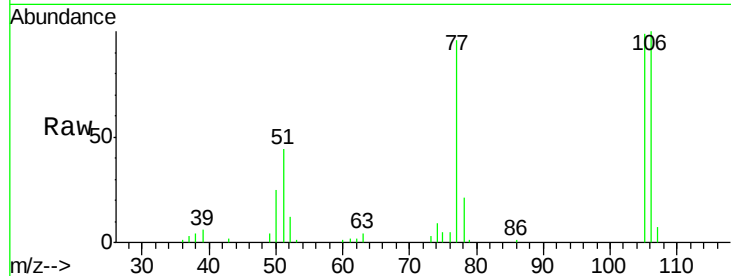
Tgt Ion: 77 Resp: 59021

Ion Ratio Lower Upper

77 100

105 103.5 69.6 109.6

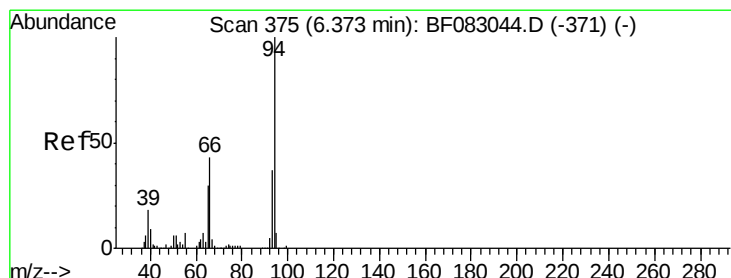
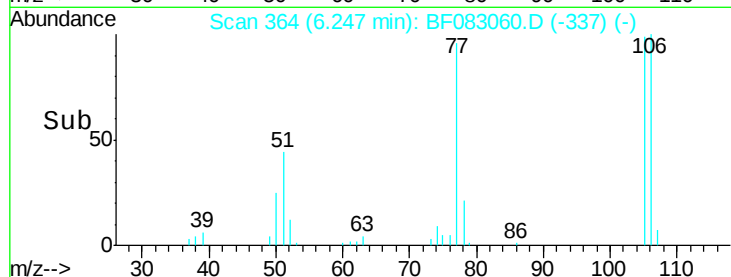
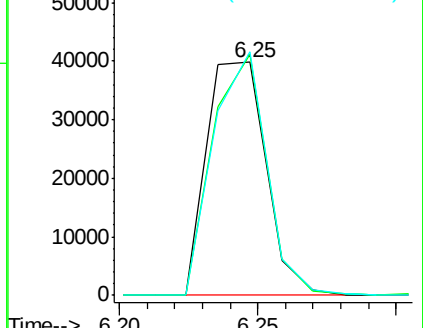
106 104.5 62.0 102.0#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.42 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

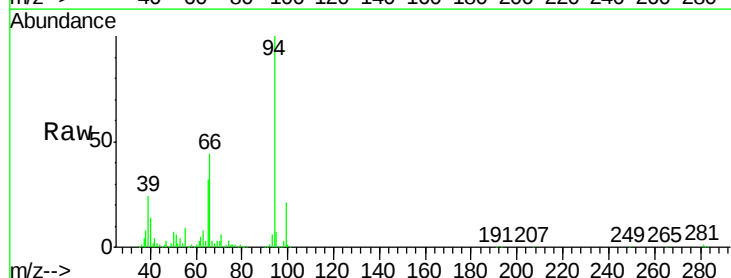
Tgt Ion: 94 Resp: 475393

Ion Ratio Lower Upper

94 100

65 32.3 10.1 50.1

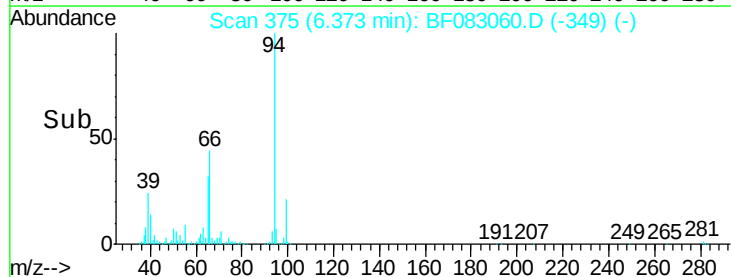
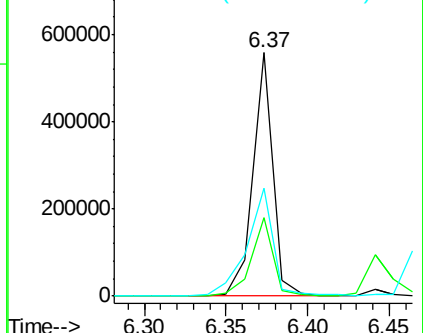
66 44.1 23.2 63.2

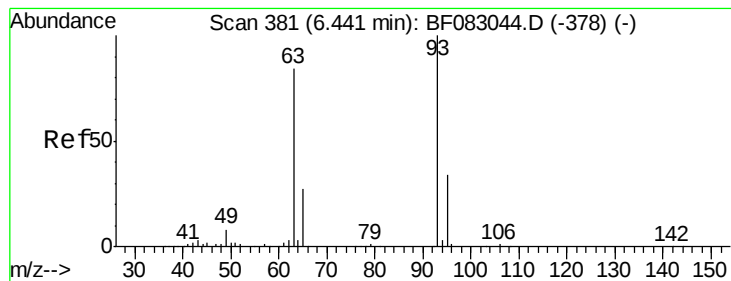


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.72 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

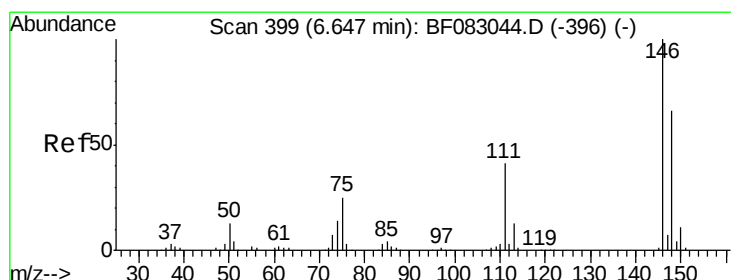
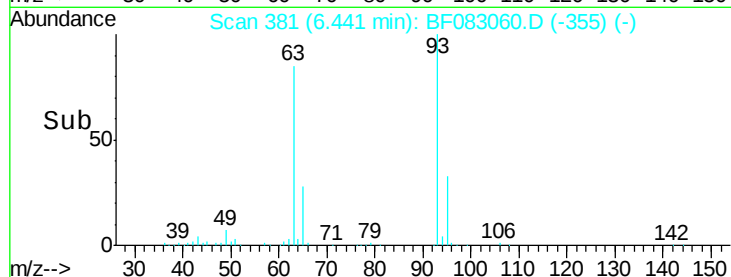
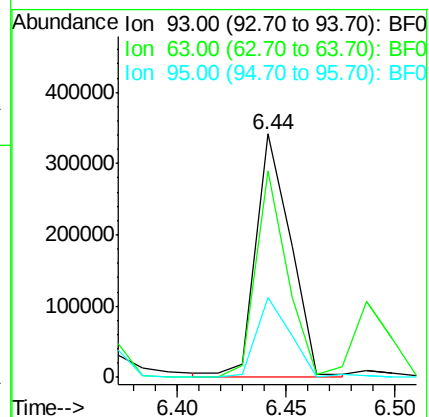
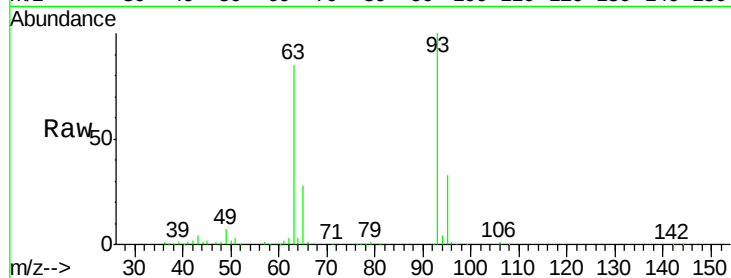
Tgt Ion: 93 Resp: 383146

Ion Ratio Lower Upper

93 100

63 85.1 63.6 103.6

95 32.9 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 36.57 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

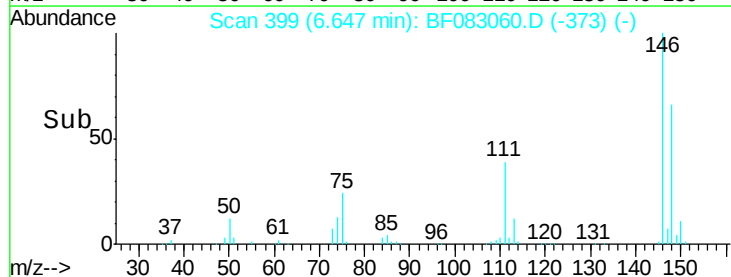
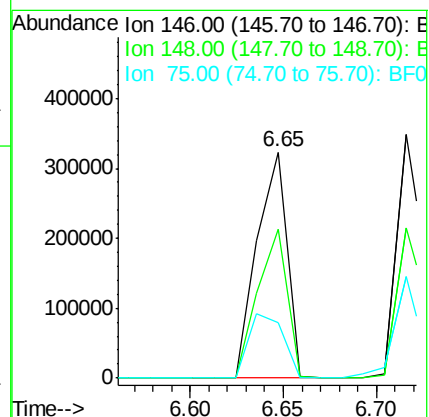
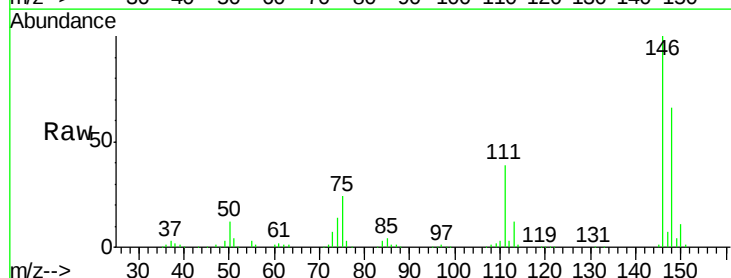
Tgt Ion: 146 Resp: 358779

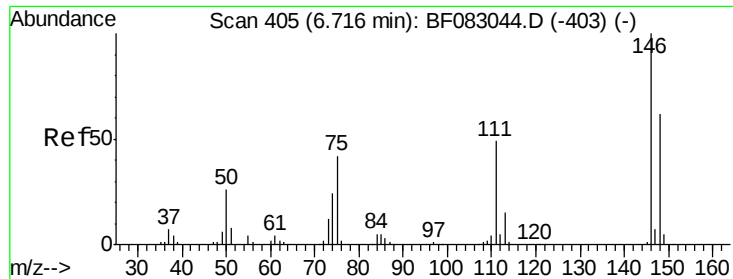
Ion Ratio Lower Upper

146 100

148 65.8 52.8 79.2

75 24.4 20.3 30.5





#13

1,4-Dichlorobenzene

Concen: 35.57 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

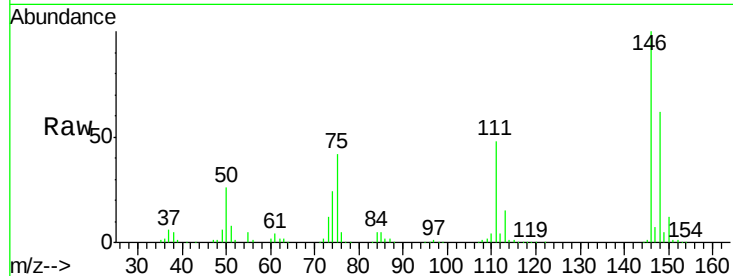
Tgt Ion:146 Resp: 353496

Ion Ratio Lower Upper

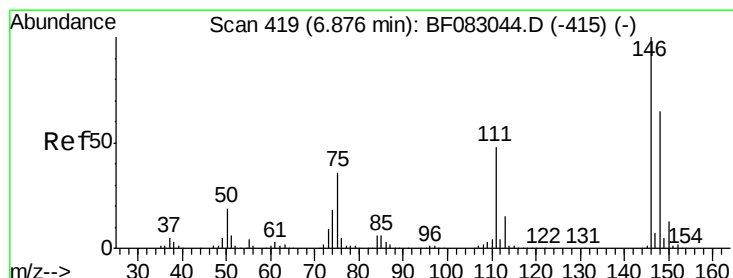
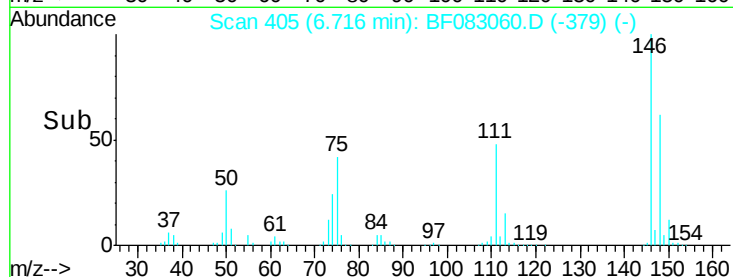
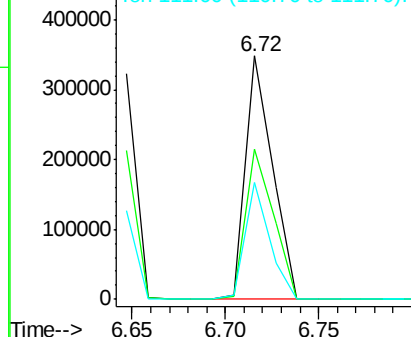
146 100

148 61.9 49.6 74.4

111 47.9 39.0 58.6



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



#14

1,2-Dichlorobenzene

Concen: 41.04 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

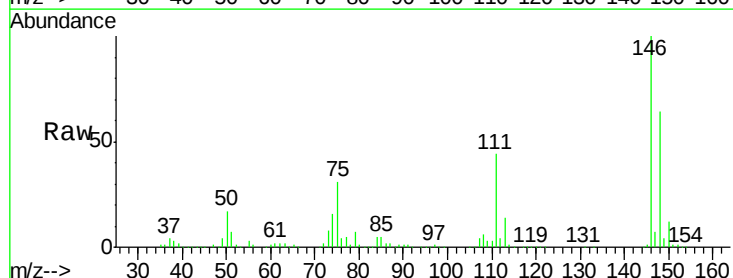
Tgt Ion:146 Resp: 376868

Ion Ratio Lower Upper

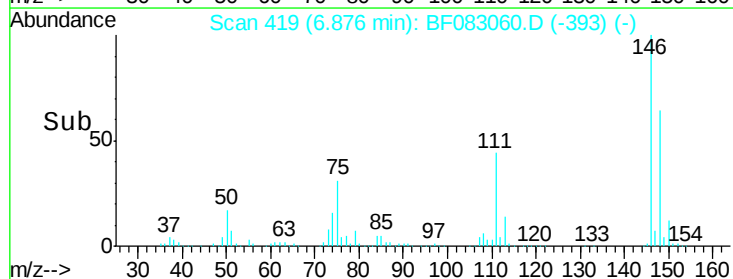
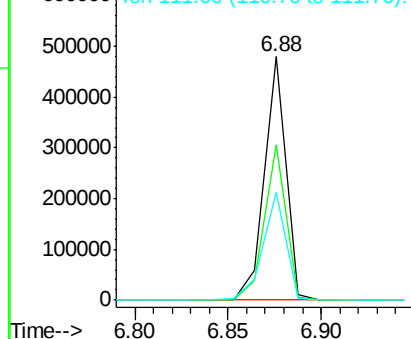
146 100

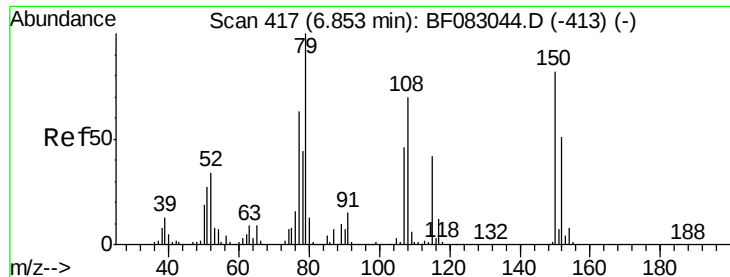
148 63.5 51.8 77.6

111 44.1 38.2 57.2



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





#15

Benzyl Alcohol

Concen: 37.72 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

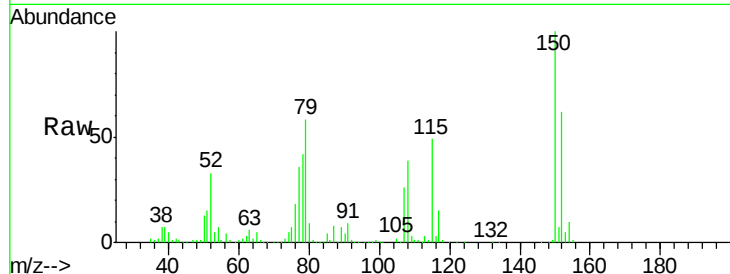
Tgt Ion: 79 Resp: 321193

Ion Ratio Lower Upper

79 100

108 67.2 55.7 83.5

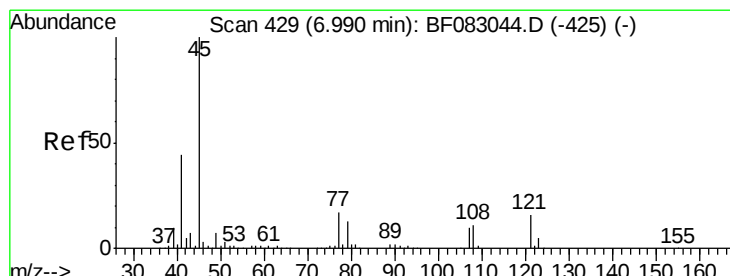
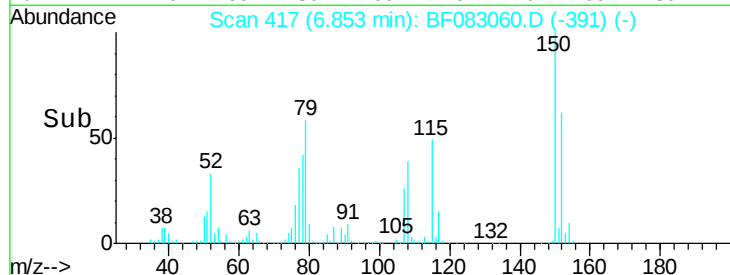
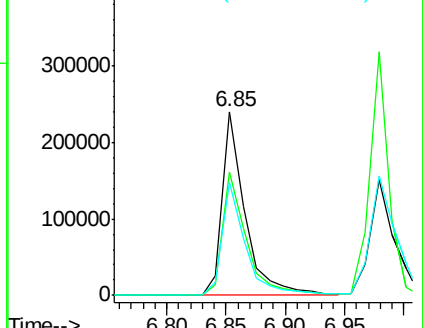
77 61.5 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.54 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

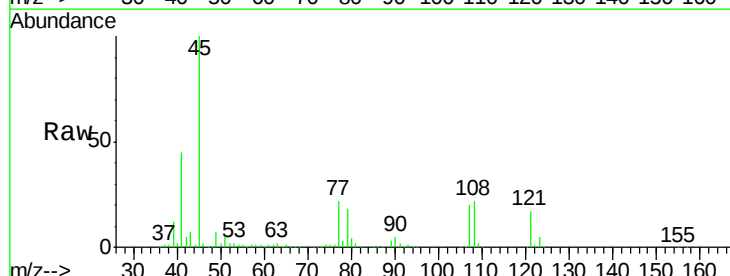
Tgt Ion: 45 Resp: 581037

Ion Ratio Lower Upper

45 100

77 21.7 0.0 36.7

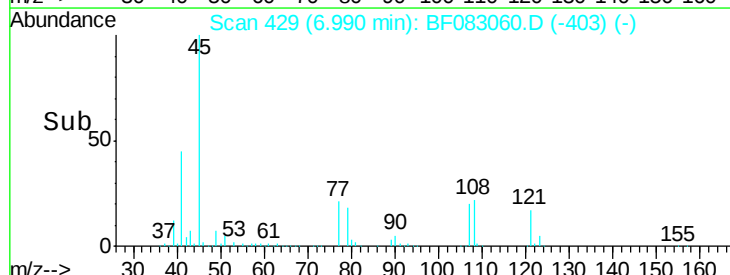
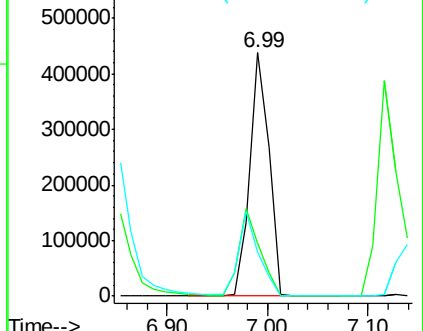
79 18.1 0.0 33.0

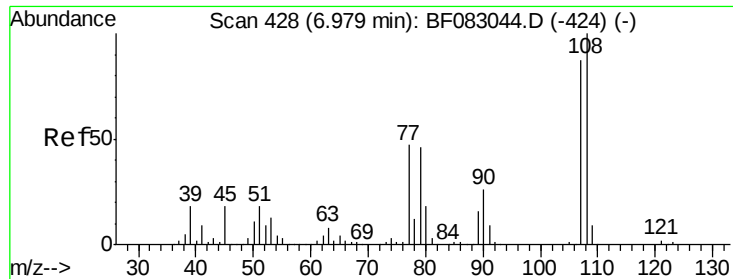


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

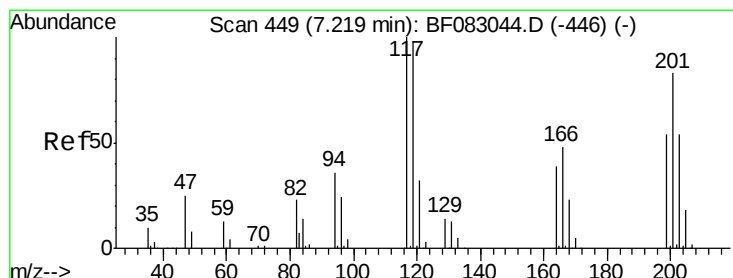
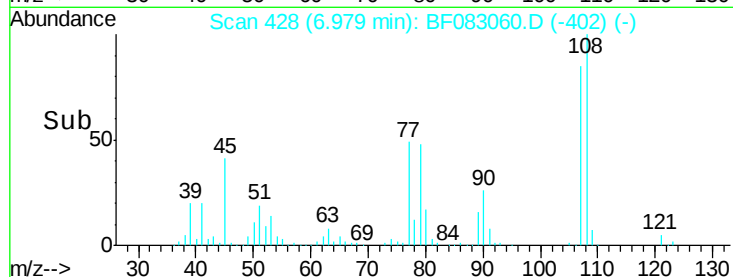
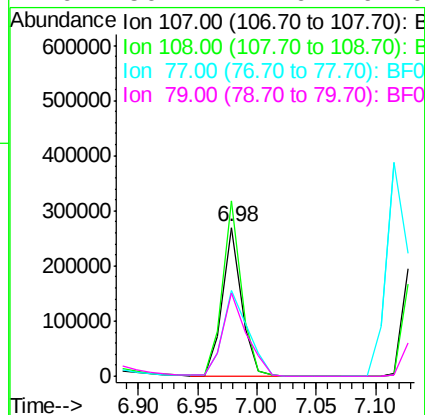
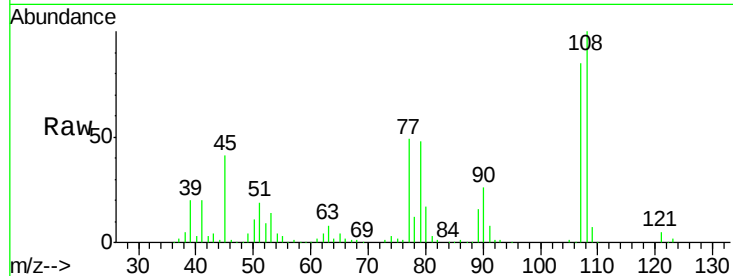




#17
 2-Methylphenol
 Concen: 41.30 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

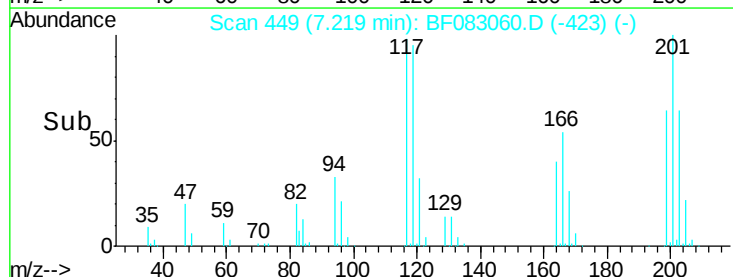
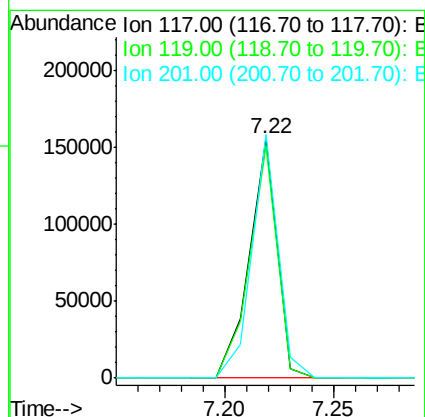
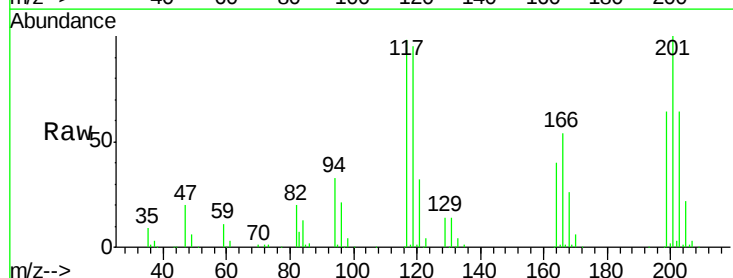
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

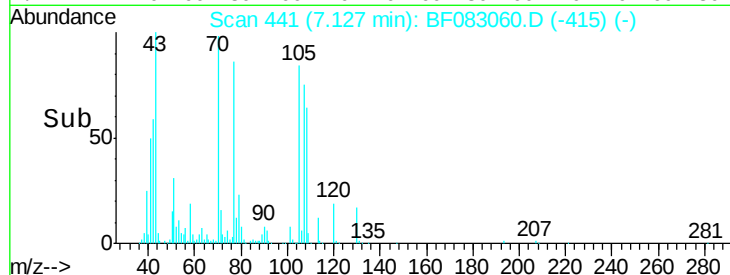
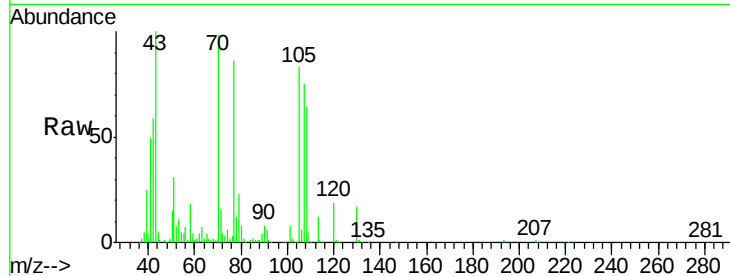
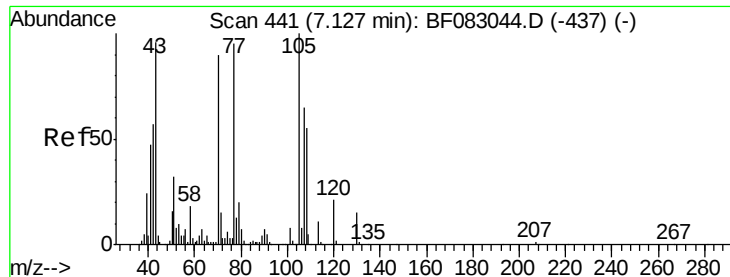
Tgt Ion:	107	Resp:	302253
Ion	Ratio	Lower	Upper
107	100		
108	118.0	92.3	138.5
77	58.1	43.9	65.9
79	56.2	42.6	64.0



#18
 Hexachloroethane
 Concen: 37.47 ng
 RT: 7.22 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion:	117	Resp:	136854
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.3	117.5
201	101.8	66.5	99.7#

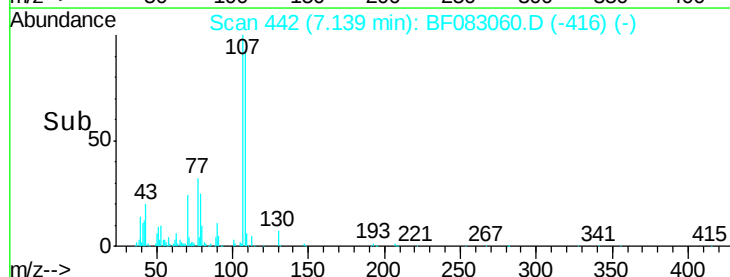
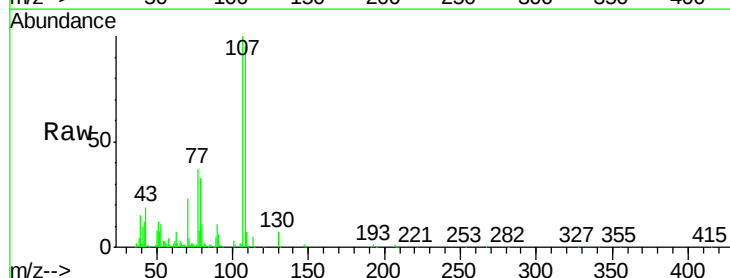
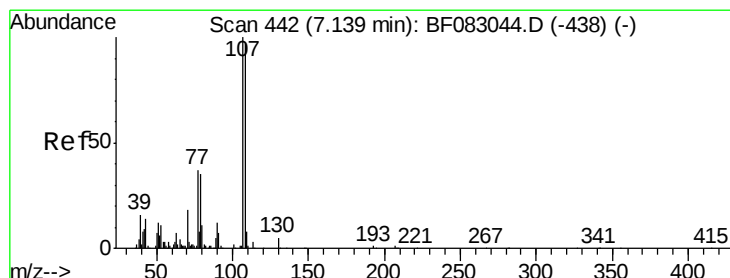
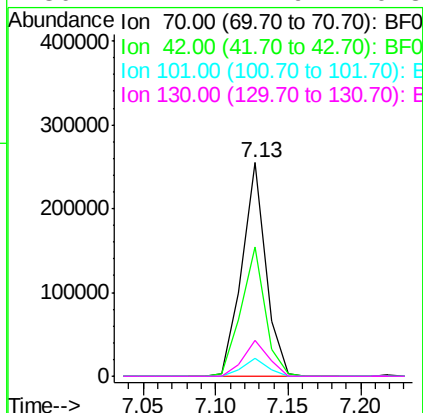




#19
n-Nitroso-di-n-propylamine
Concen: 38.55 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

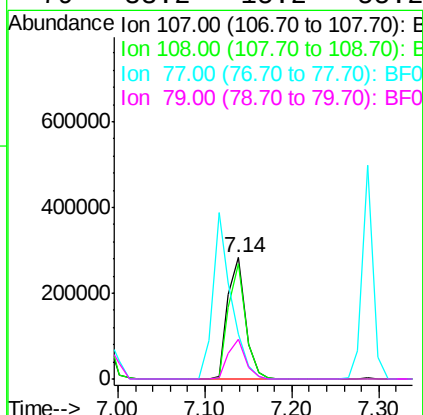
Instrument :
BNA_F
ClientSampleId :
PM-1350MS

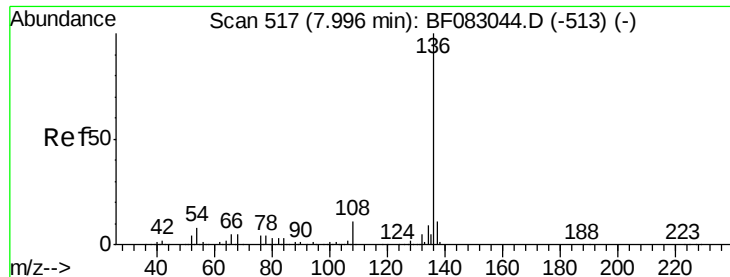
Tgt Ion:	70	Resp:	291607
Ion	Ratio	Lower	Upper
70	100		
42	60.8	50.2	75.2
101	8.3	6.8	10.2
130	17.1	12.9	19.3



#20
3+4-Methylphenols
Concen: 42.07 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

Tgt Ion:	107	Resp:	401433
Ion	Ratio	Lower	Upper
107	100		
108	94.9	77.4	117.4
77	36.9	16.7	56.7
79	33.2	15.2	55.2

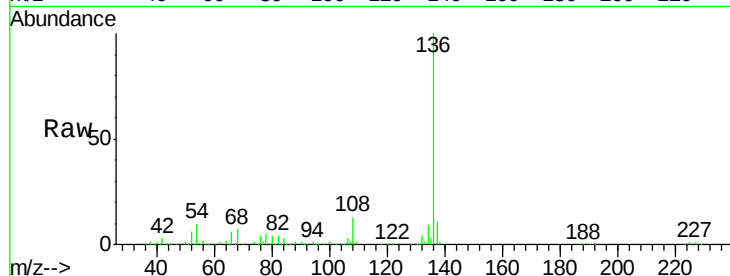




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

Instrument :
BNA_F
ClientSampleId :
PM-1350MS

Tgt Ion:	136	Resp:	472672
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	10.4	6.2	9.2#
68	6.6	4.2	6.2#



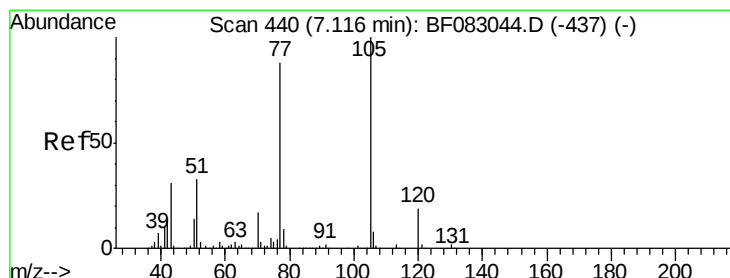
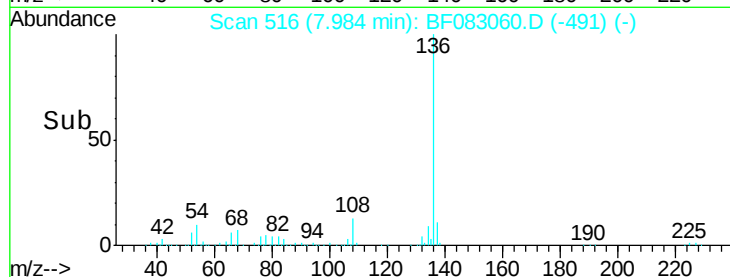
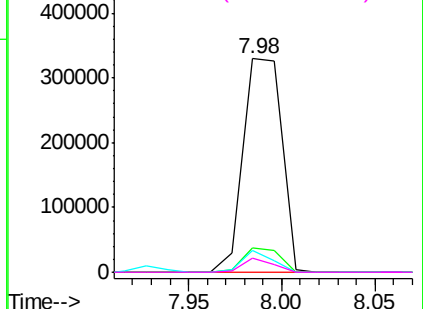
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

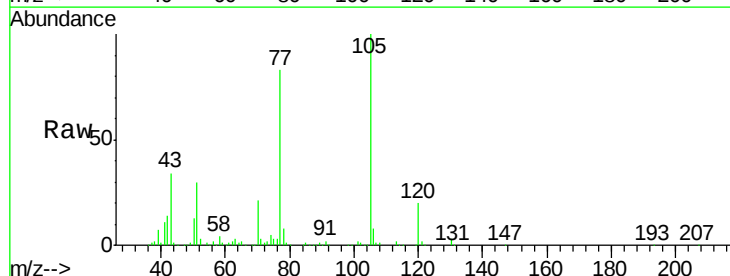
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 40.99 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

Tgt Ion:	105	Resp:	542728
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.3	3.5
51	29.7	26.1	39.1
120	20.4	15.3	22.9



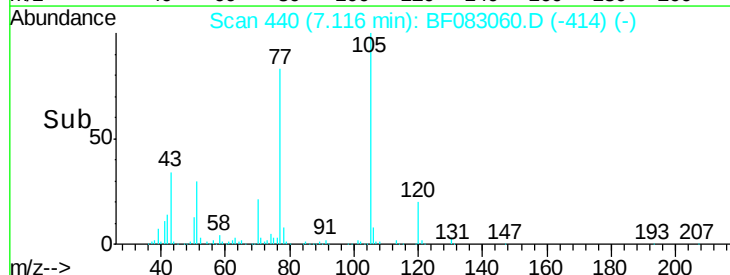
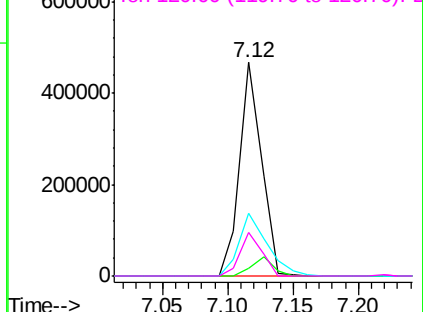
Abundance

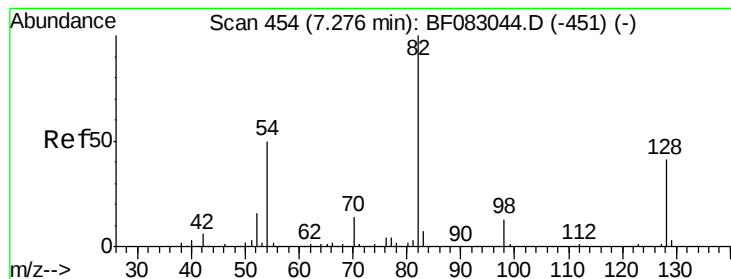
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 94.47 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

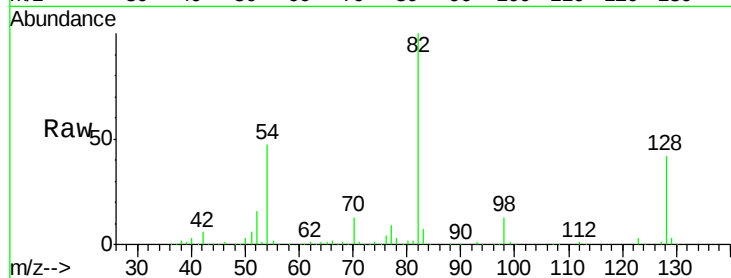
Tgt Ion: 82 Resp: 975329

Ion Ratio Lower Upper

82 100

128 42.0 33.1 49.7

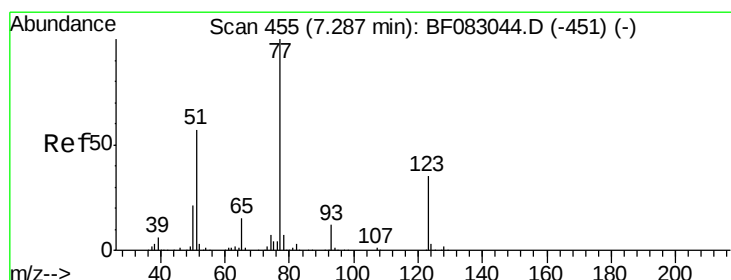
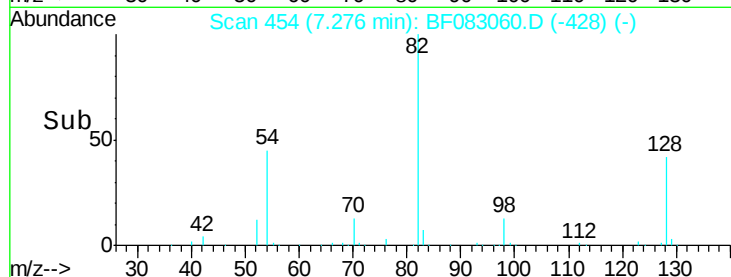
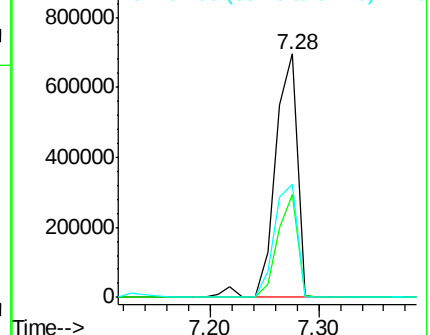
54 46.6 39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.81 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

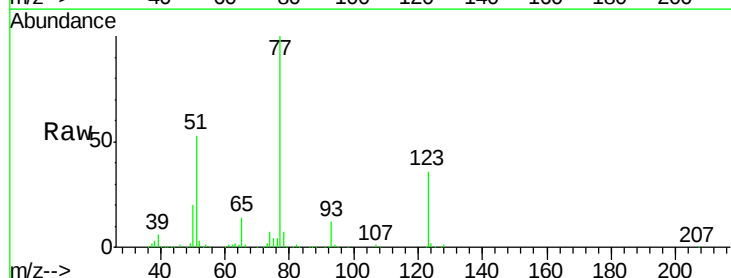
Tgt Ion: 77 Resp: 425043

Ion Ratio Lower Upper

77 100

123 36.2 28.2 42.4

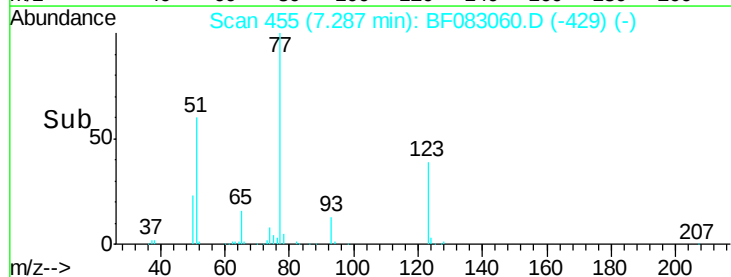
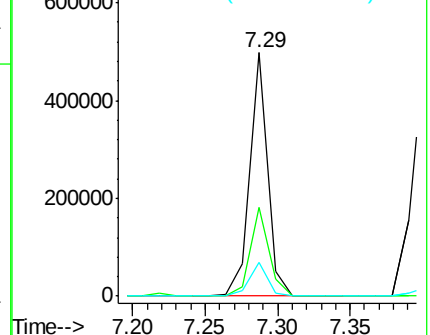
65 13.7 11.8 17.8

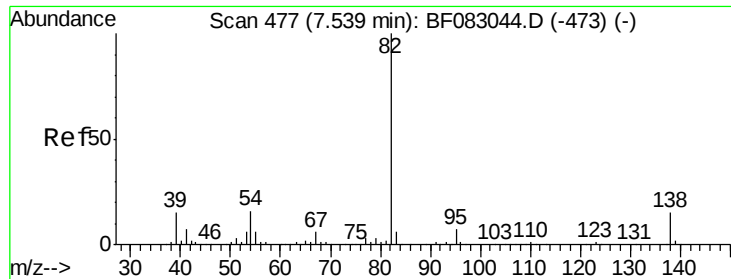


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.12 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

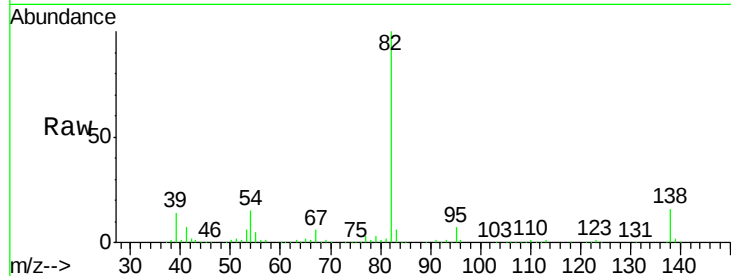
Tgt Ion: 82 Resp: 820171

Ion Ratio Lower Upper

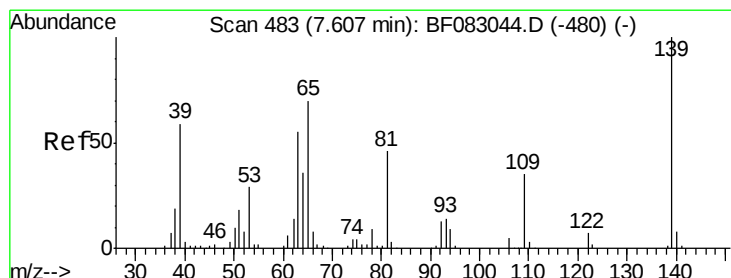
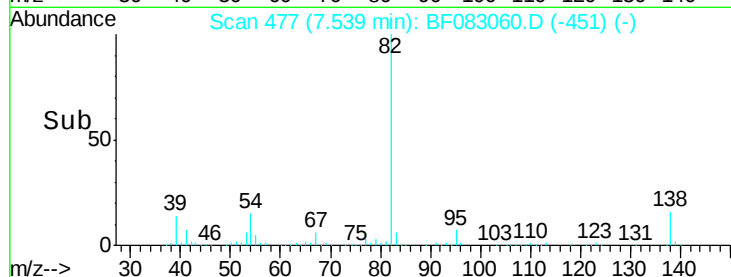
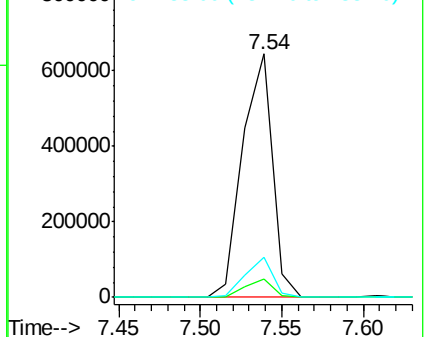
82 100

95 7.4 5.7 8.5

138 16.4 12.2 18.4



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



#26

2-Nitrophenol

Concen: 41.47 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

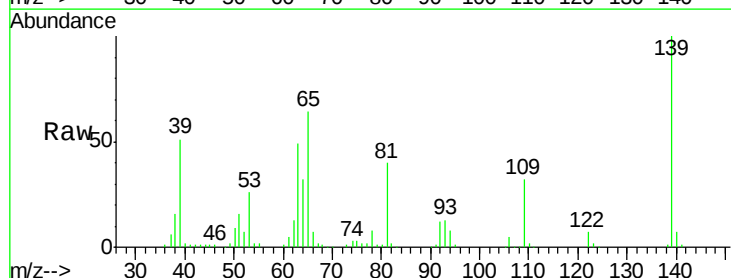
Tgt Ion: 139 Resp: 188909

Ion Ratio Lower Upper

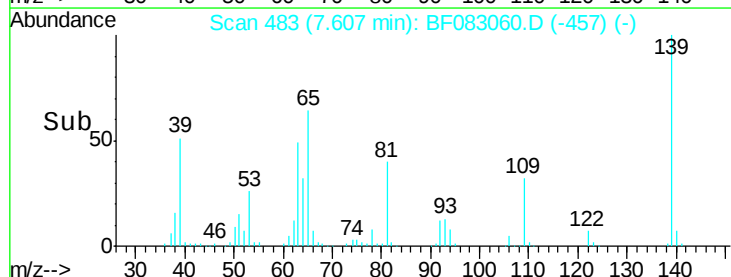
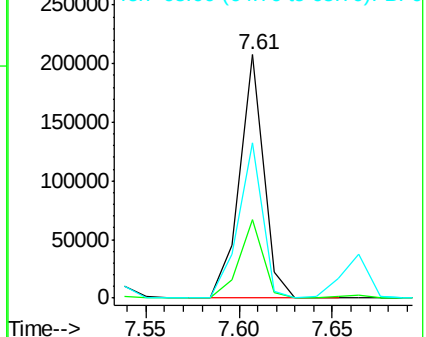
139 100

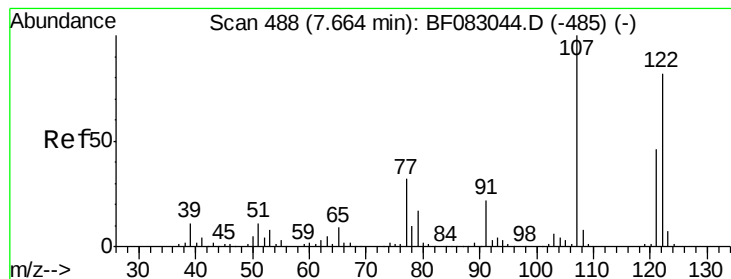
109 32.5 27.8 41.6

65 63.5 56.4 84.6



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





#27

2,4-Dimethylphenol

Concen: 46.34 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

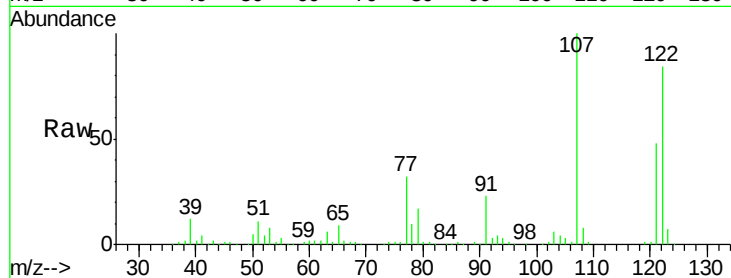
Tgt Ion:122 Resp: 348788

Ion Ratio Lower Upper

122 100

107 119.4 97.5 146.3

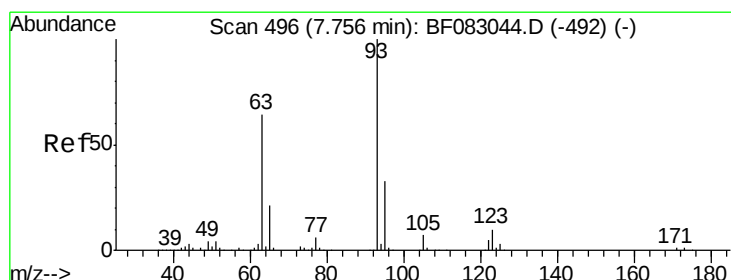
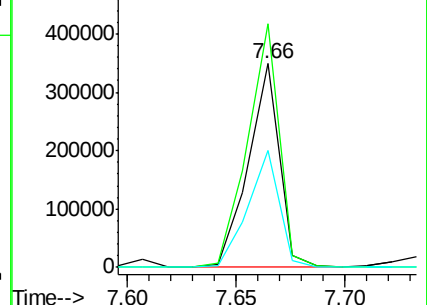
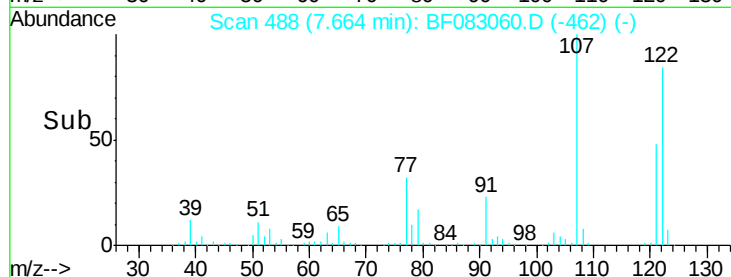
121 57.4 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.20 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

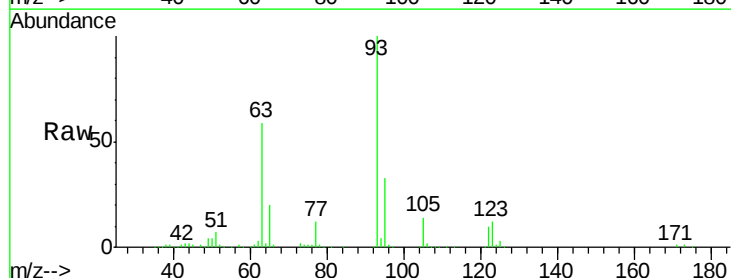
Tgt Ion: 93 Resp: 471352

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

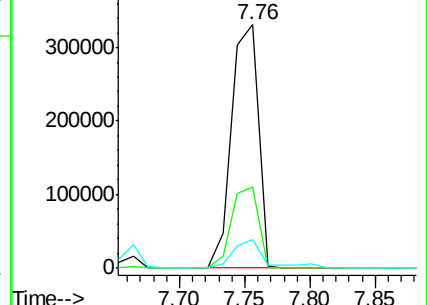
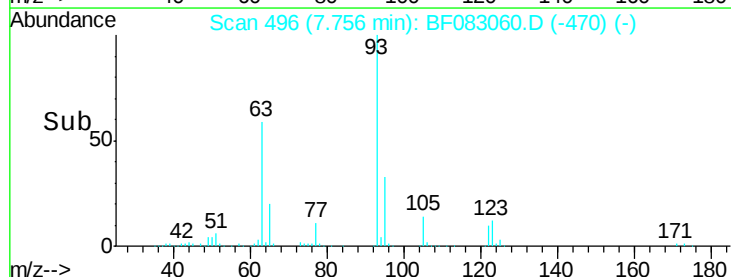
123 11.8 8.5 12.7

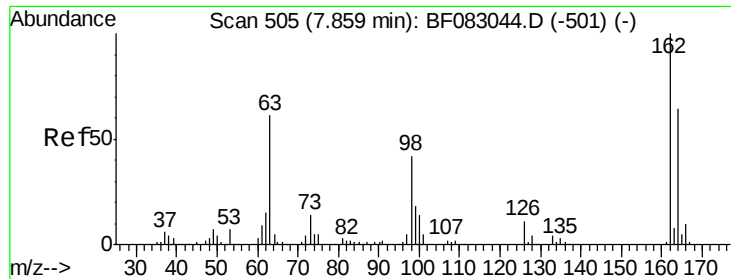


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

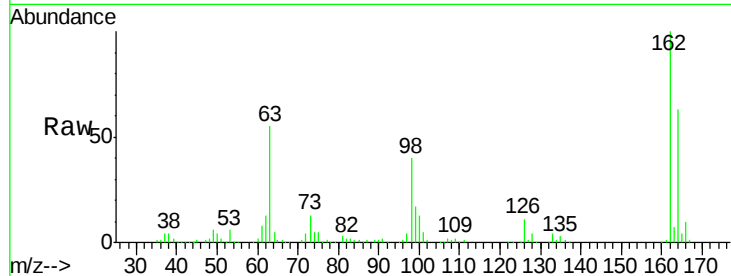




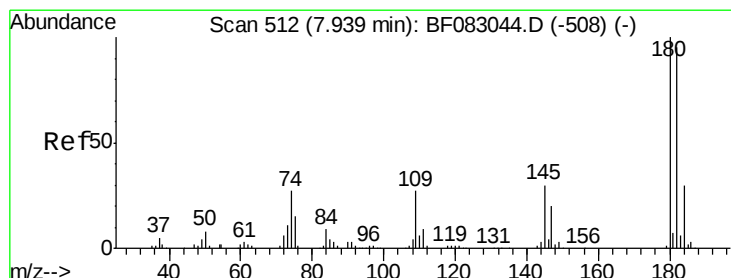
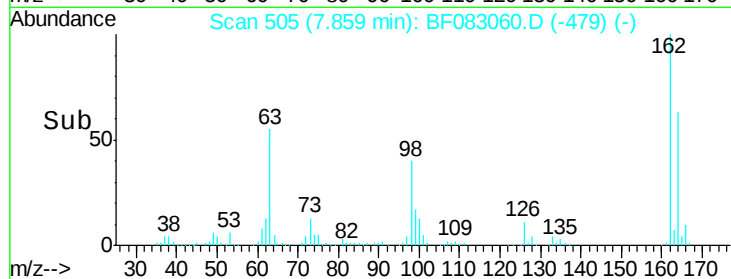
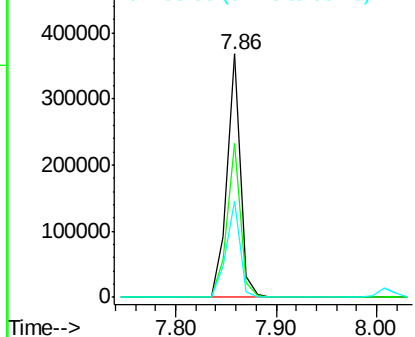
#29
 2,4-Dichlorophenol
 Concen: 47.03 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.1	84.1
98	39.8	21.6	61.6

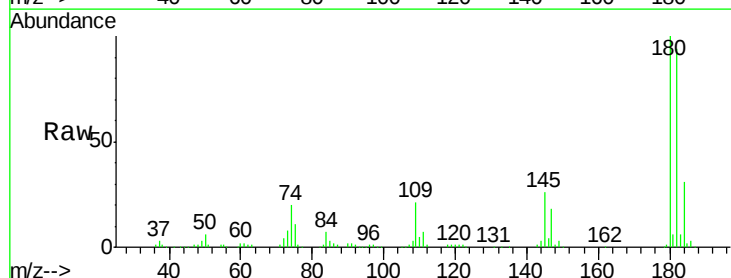


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

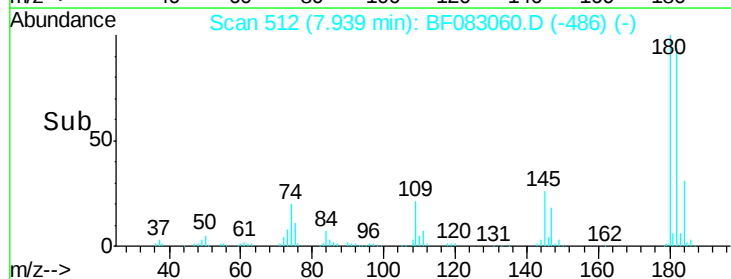
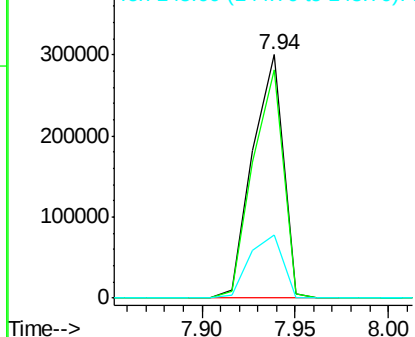


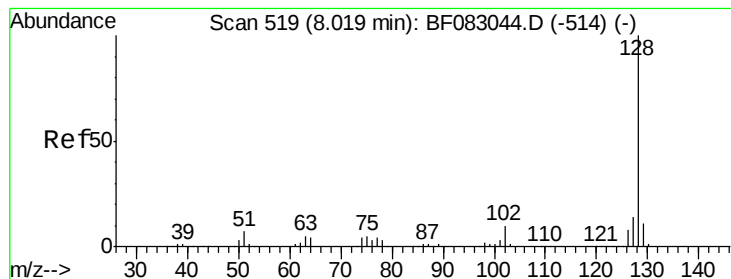
#30
 1,2,4-Trichlorobenzene
 Concen: 42.28 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.2	114.4
145	26.2	24.0	36.0



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





#31

Naphthalene

Concen: 40.17 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

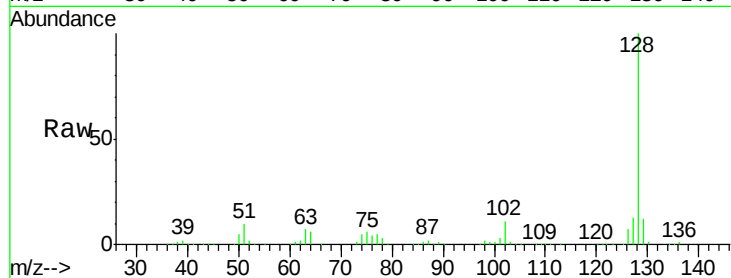
Tgt Ion:128 Resp: 989393

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

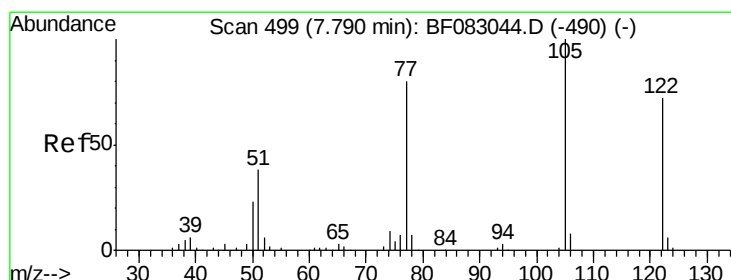
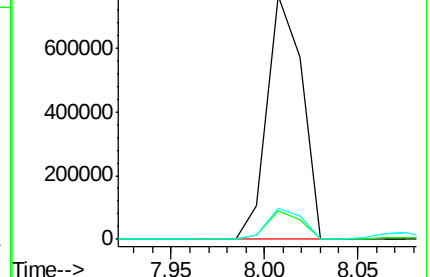
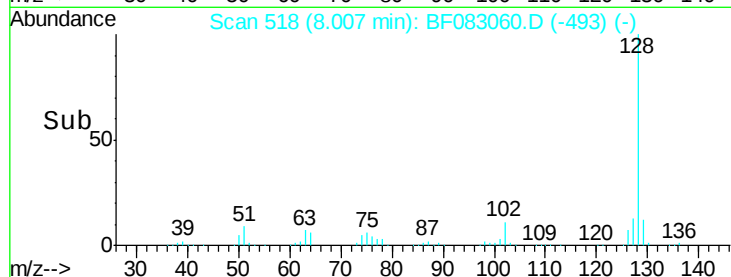
127 12.9 10.9 16.3



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: 45.66 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

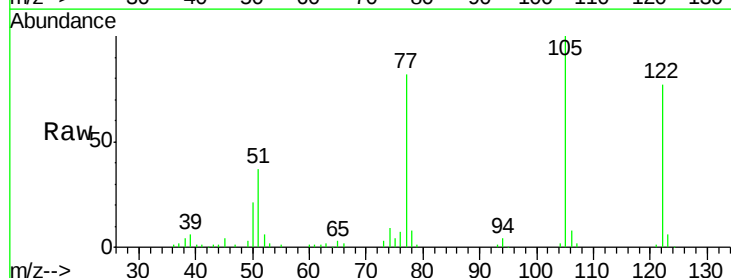
Tgt Ion:122 Resp: 209024

Ion Ratio Lower Upper

122 100

105 130.6 115.0 155.0

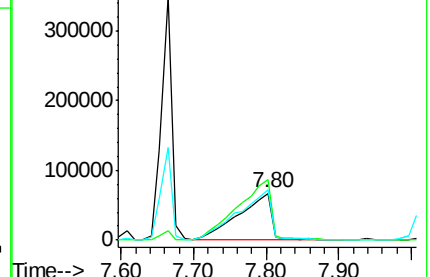
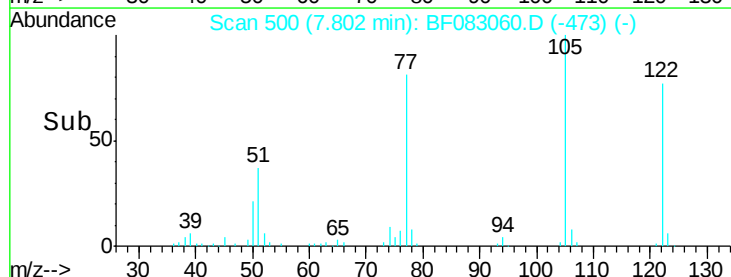
77 107.4 89.0 129.0

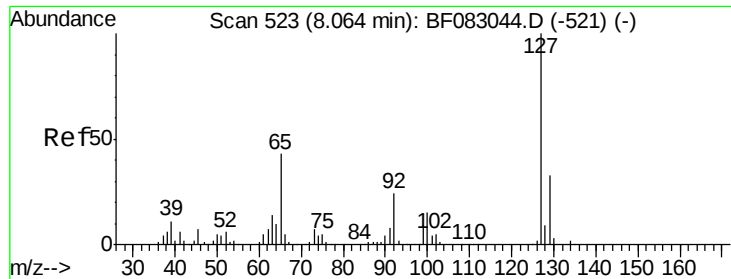


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

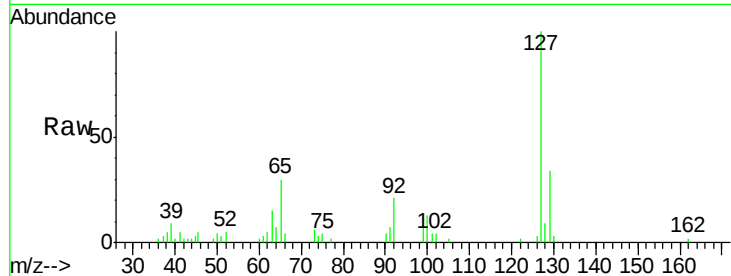




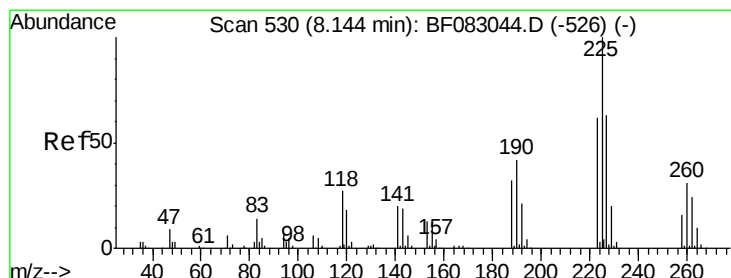
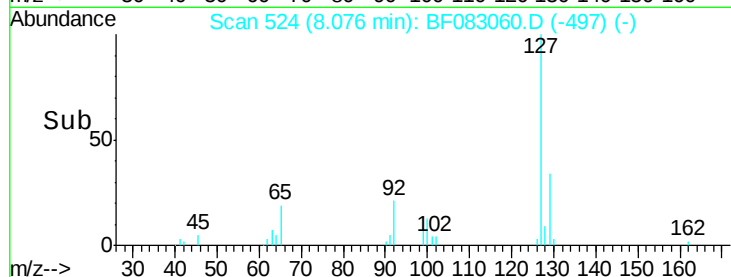
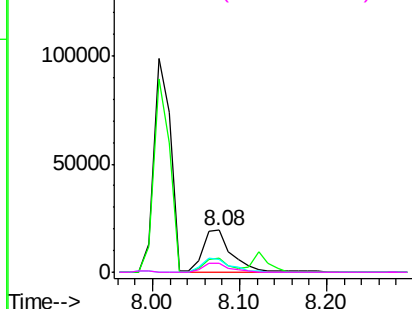
#33
4-Chloroaniline
Concen: 4.30 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.01 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

Instrument :
BNA_F
ClientSampleId :
PM-1350MS

Tgt Ion:	127	Resp:	46099
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.1	39.1
65	30.1	34.4	51.6#
92	20.6	19.5	29.3

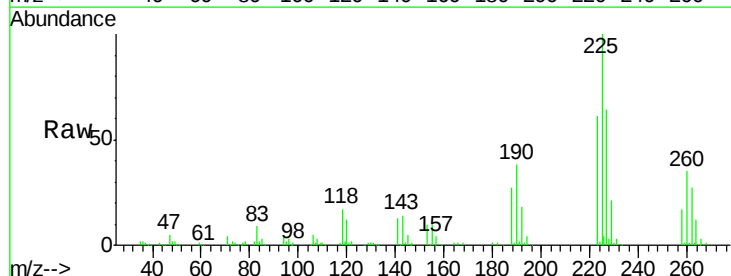


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

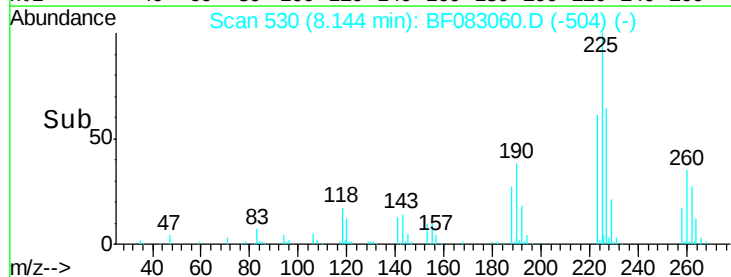
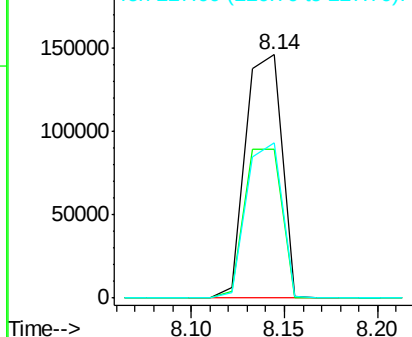


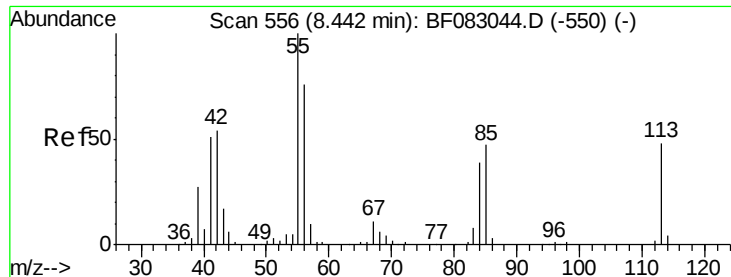
#34
Hexachlorobutadiene
Concen: 39.64 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

Tgt Ion:	225	Resp:	200152
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.8	74.6
227	63.5	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

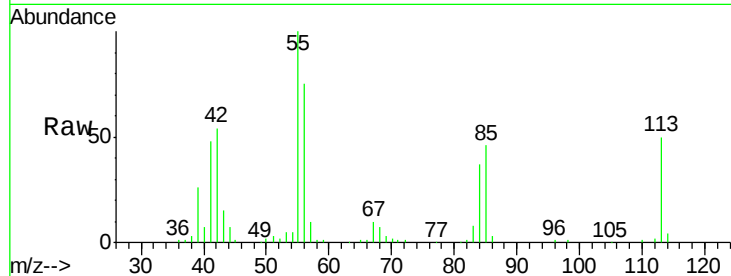




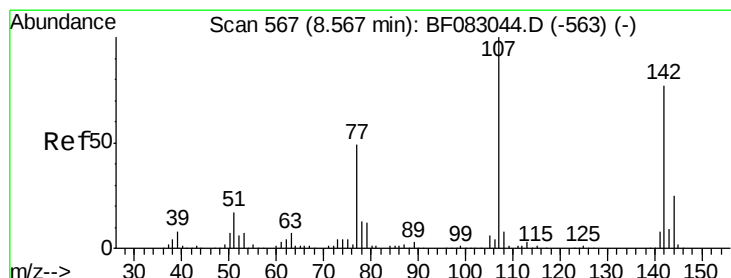
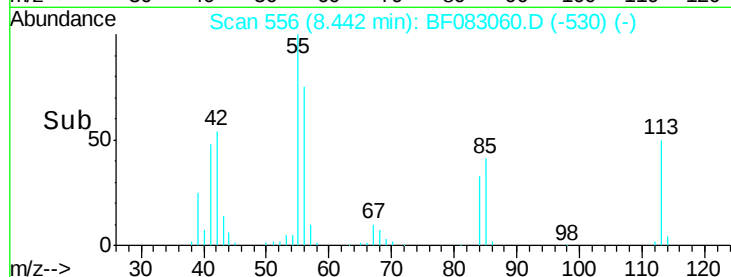
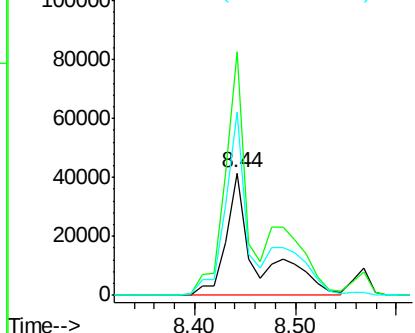
#35
 Caprolactam
 Concen: 38.99 ng m
 RT: 8.44 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

Tgt Ion:113 Resp: 90426
 Ion Ratio Lower Upper
 113 100
 55 199.5 189.1 229.1
 56 150.2 137.9 177.9

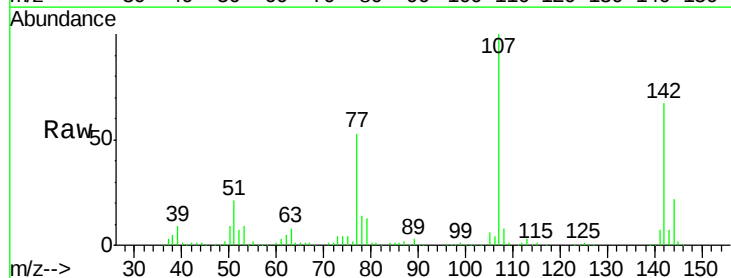


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

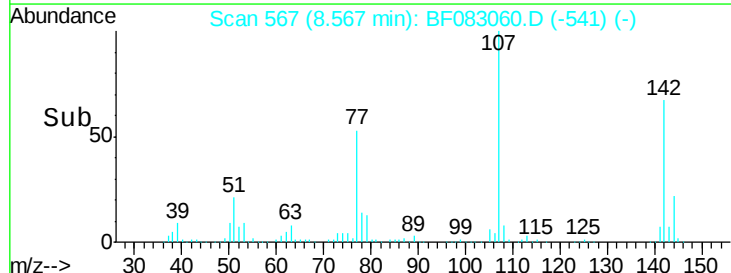
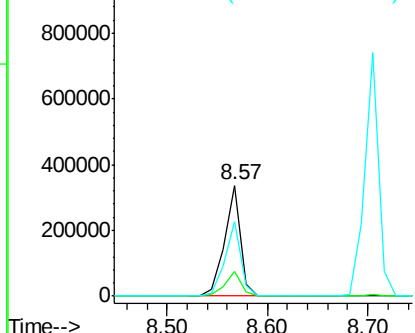


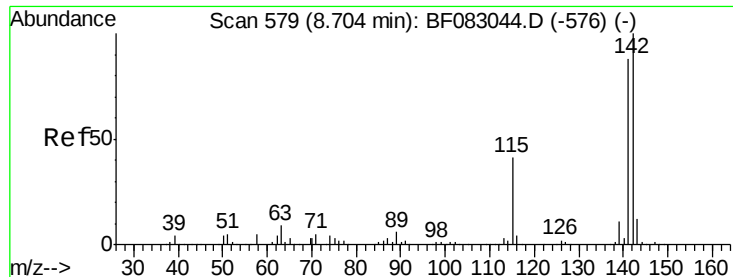
#36
 4-Chloro-3-methylphenol
 Concen: 44.10 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion:107 Resp: 371923
 Ion Ratio Lower Upper
 107 100
 144 21.9 20.0 30.0
 142 67.3 61.3 91.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

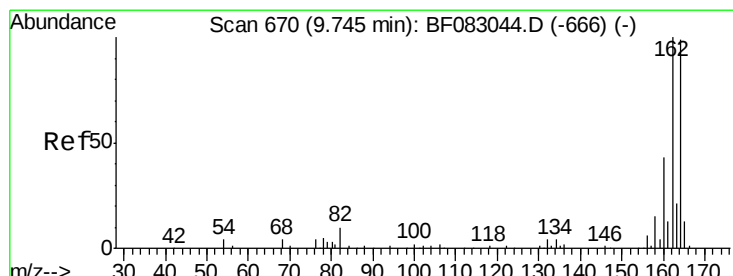
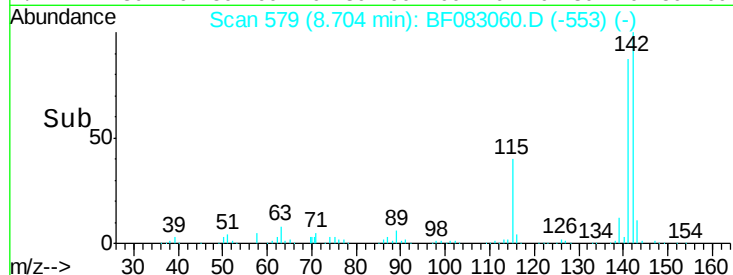
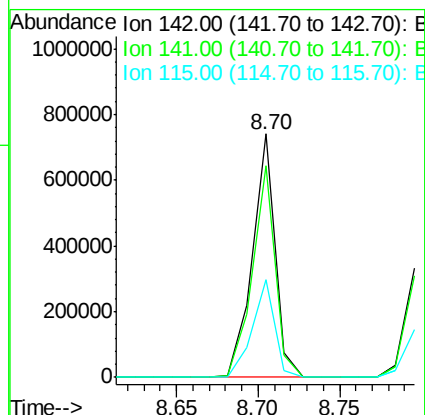
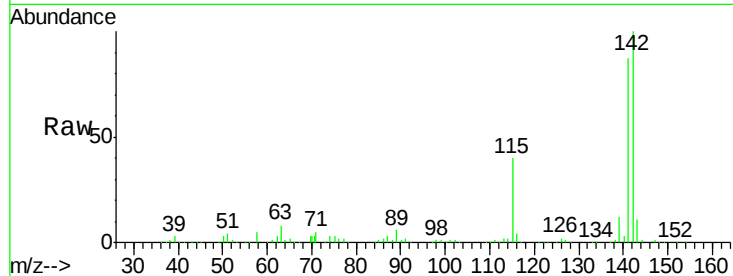




#37
2-Methylnaphthalene
Concen: 43.67 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

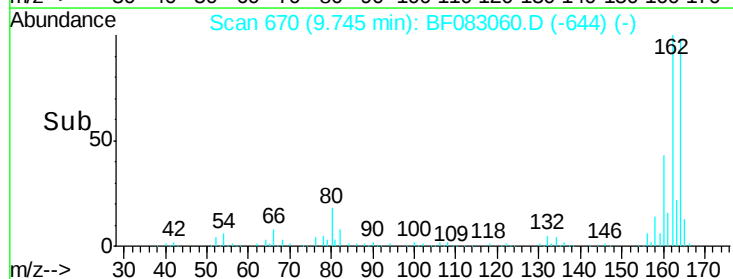
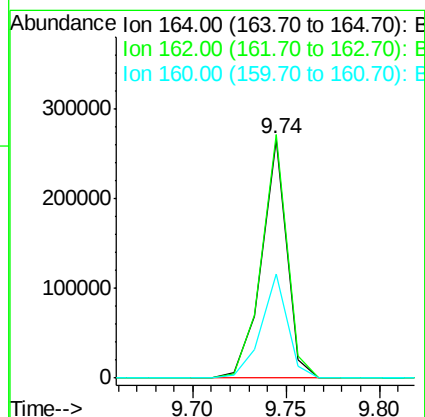
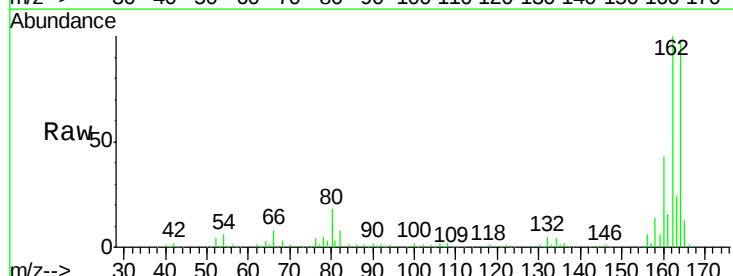
Instrument :
BNA_F
ClientSampleId :
PM-1350MS

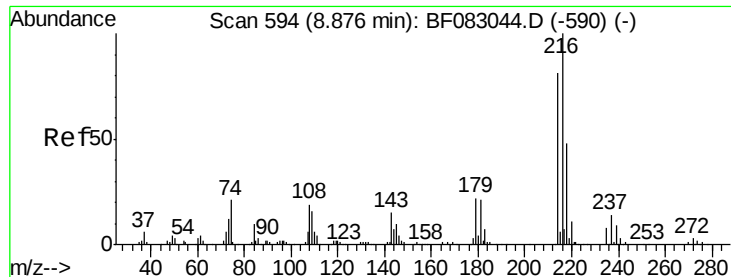
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.7	106.1
115	40.1	33.1	49.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.5	120.7
160	43.4	35.0	52.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.28 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

Tgt Ion:216 Resp: 345741

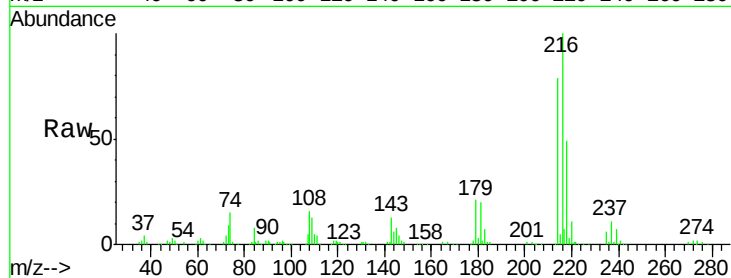
Ion Ratio Lower Upper

216 100

214 79.4 64.6 97.0

179 21.8 17.8 26.6

108 20.6 16.8 25.2

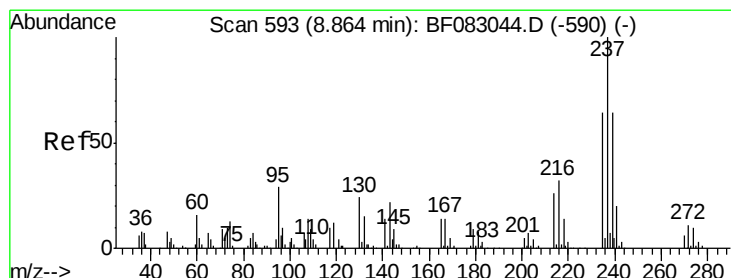
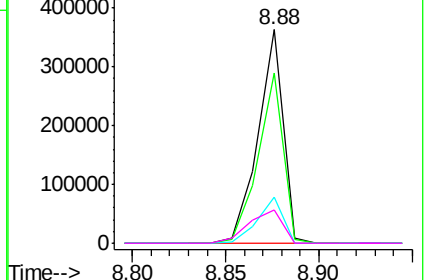
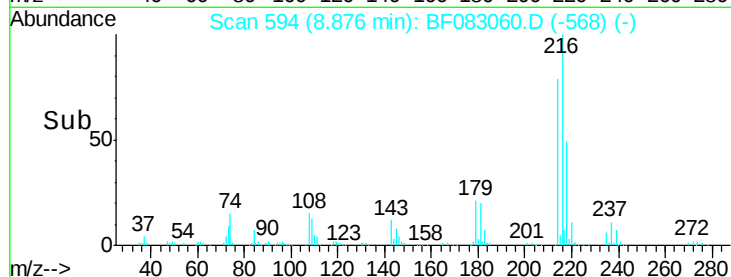


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.82 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

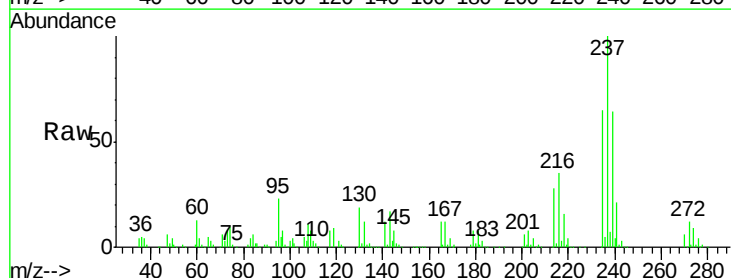
Tgt Ion:237 Resp: 326988

Ion Ratio Lower Upper

237 100

235 64.6 44.1 84.1

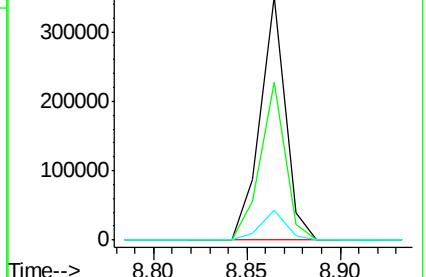
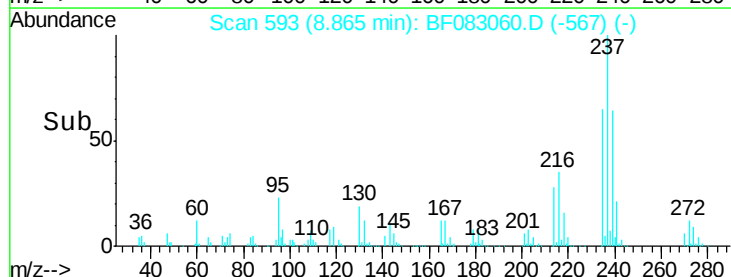
272 12.0 0.0 30.9

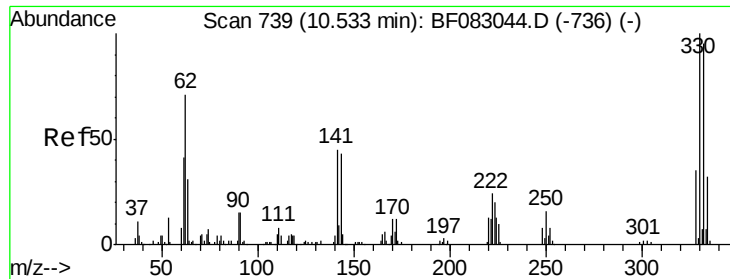


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

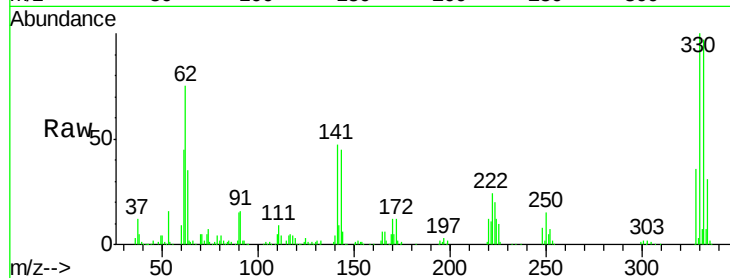




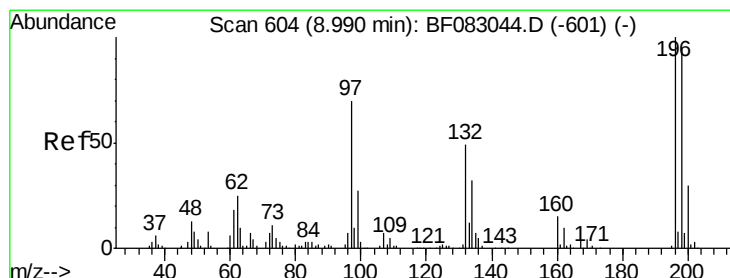
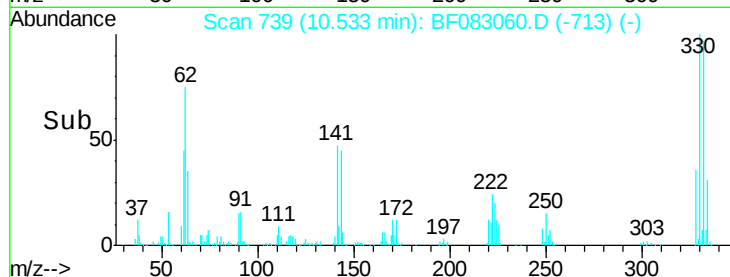
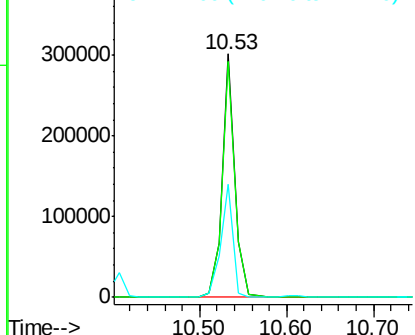
#41
 2,4,6-Tribromophenol
 Concen: 118.48 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

Tgt Ion:330 Resp: 311926
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.6 116.4
 141 44.8 34.6 52.0

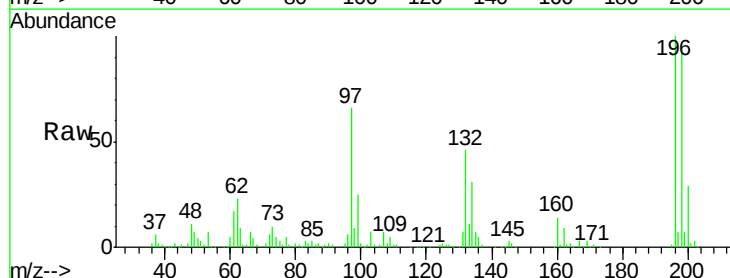


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

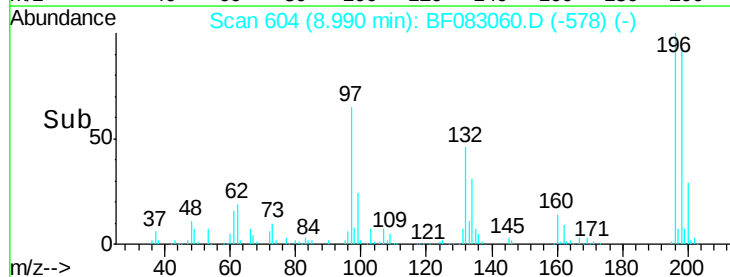
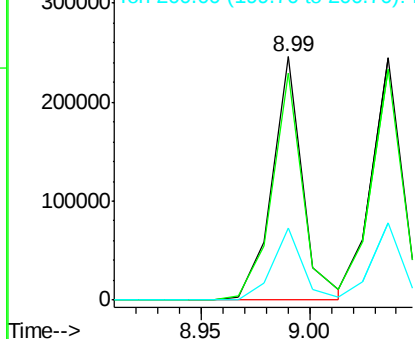


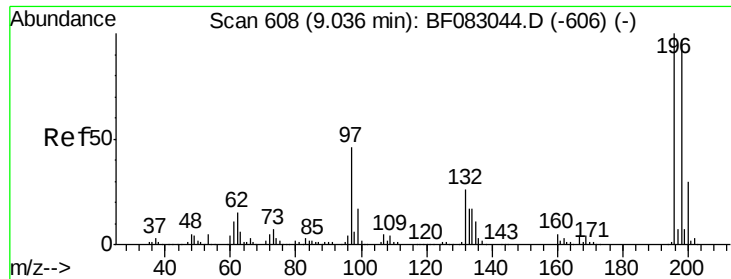
#42
 2,4,6-Trichlorophenol
 Concen: 40.70 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion:196 Resp: 241496
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.9 113.9
 200 29.4 24.0 36.0



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

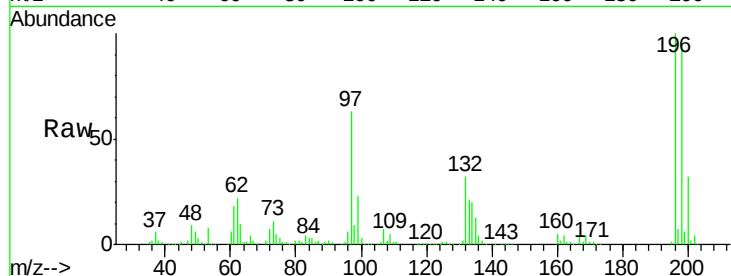




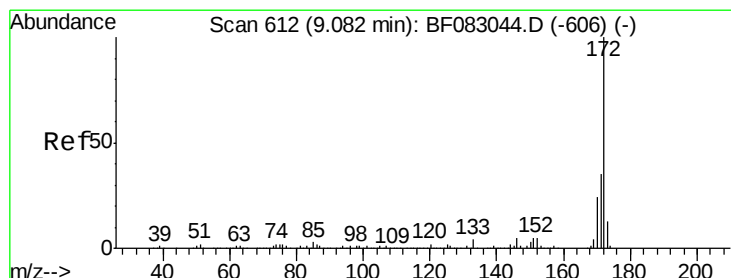
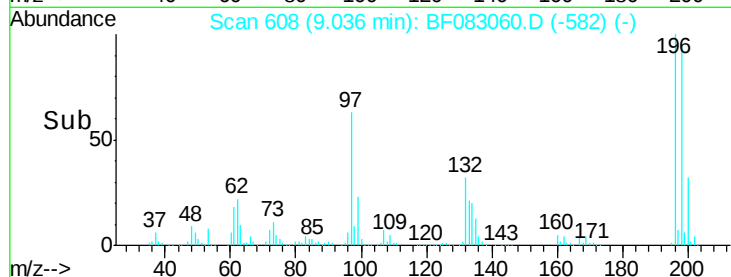
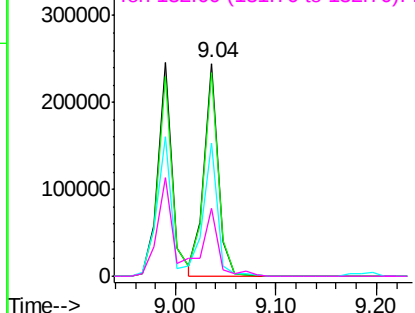
#43
 2,4,5-Trichlorophenol
 Concen: 41.09 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

Tgt Ion:196 Resp: 243077
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.8 116.6
 97 62.7 37.1 55.7#
 132 31.8 21.0 31.4#

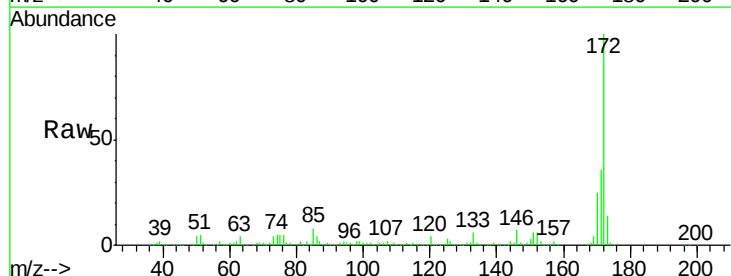


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

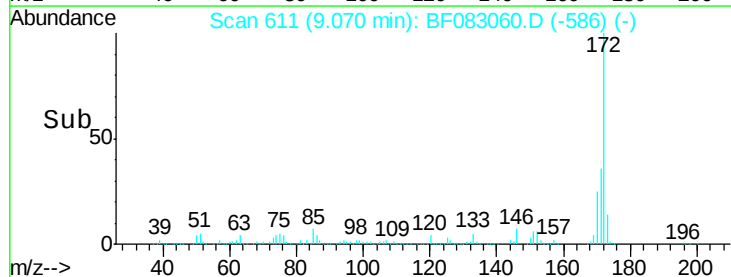
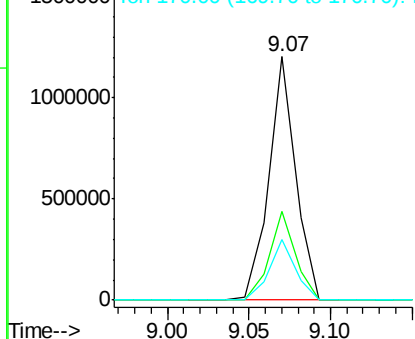


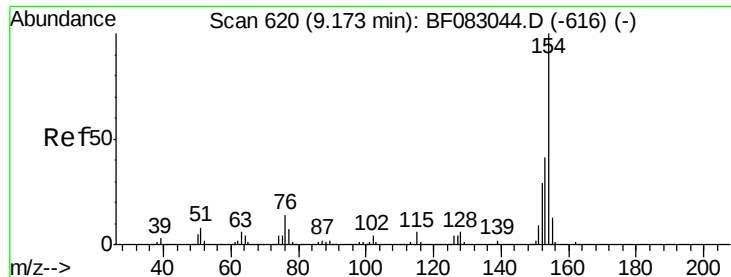
#44
 2-Fluorobiphenyl
 Concen: 74.69 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion:172 Resp: 1375079
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.2 42.4
 170 24.7 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

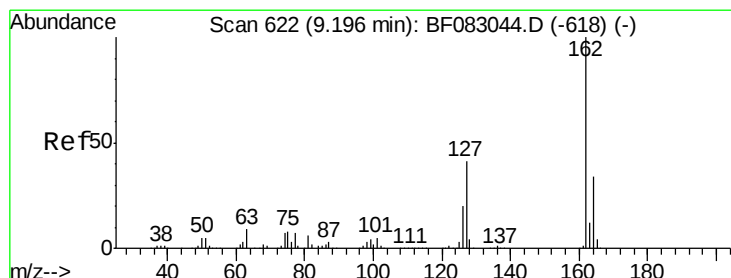
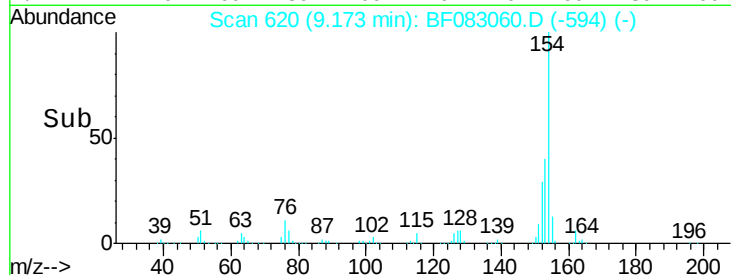
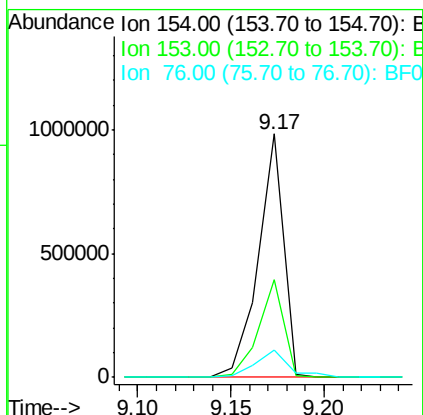
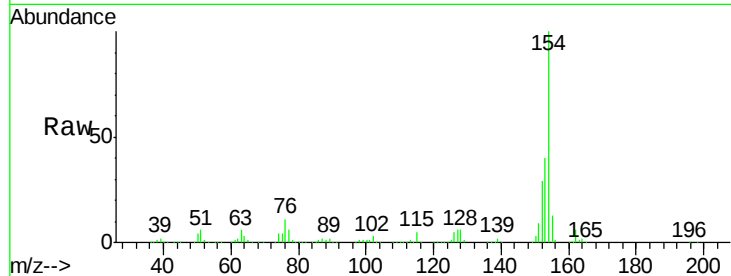




#45
 1,1'-Biphenyl
 Concen: 41.95 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

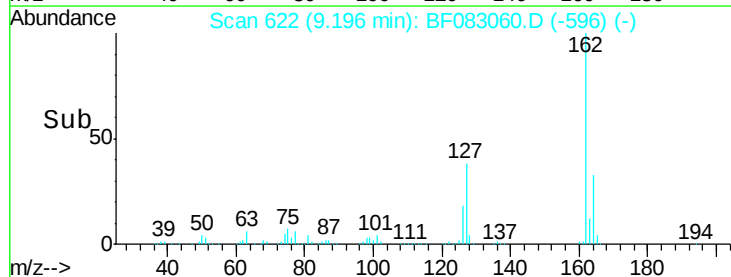
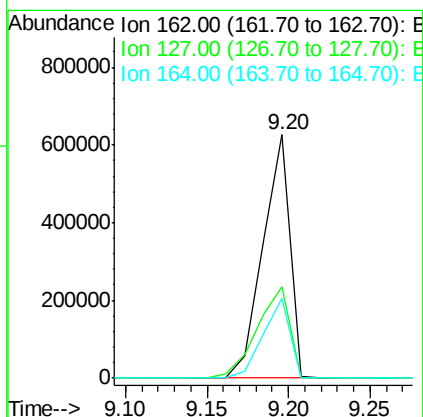
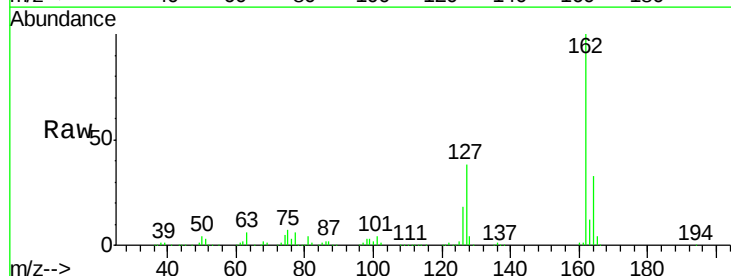
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

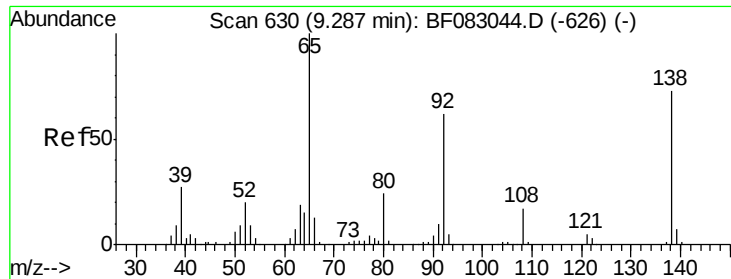
Tgt Ion:154 Resp: 915073
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.7 60.7
 76 11.2 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 43.40 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion:162 Resp: 720223
 Ion Ratio Lower Upper
 162 100
 127 37.6 32.8 49.2
 164 32.9 26.9 40.3





#47

2-Nitroaniline

Concen: 35.46 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

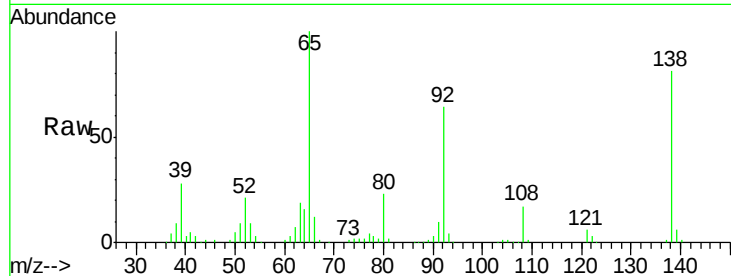
Tgt Ion: 65 Resp: 222038

Ion Ratio Lower Upper

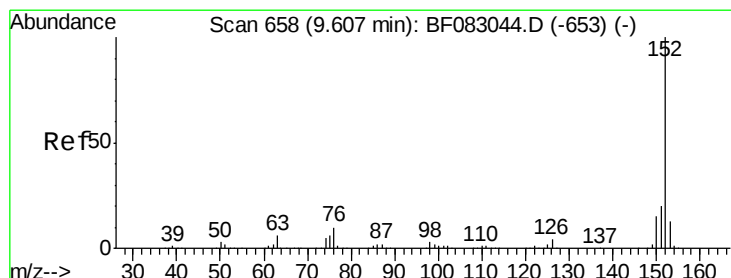
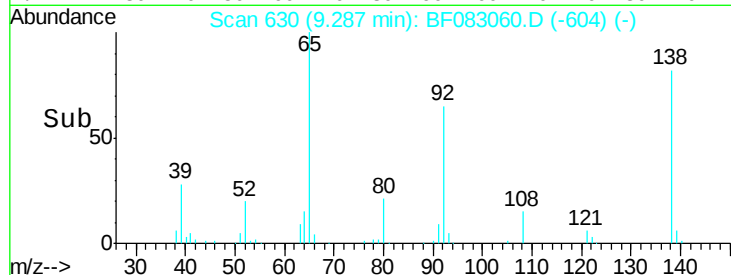
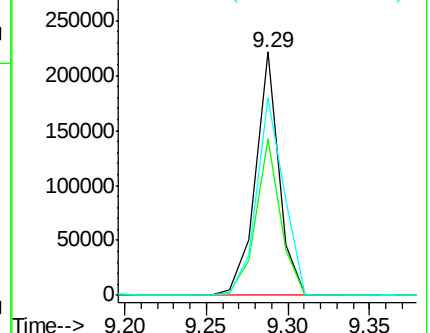
65 100

92 64.3 49.6 74.4

138 81.1 58.8 88.2



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: 40.67 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

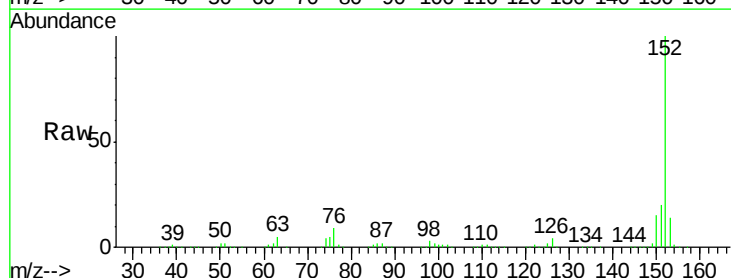
Tgt Ion: 152 Resp: 1111159

Ion Ratio Lower Upper

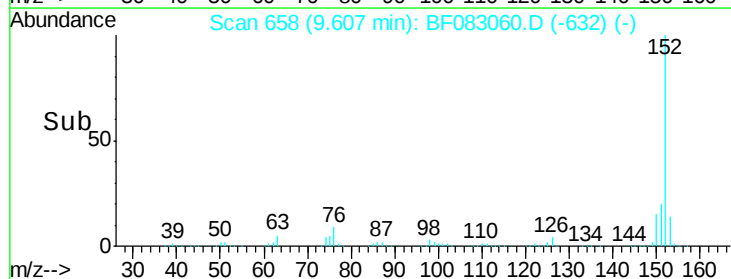
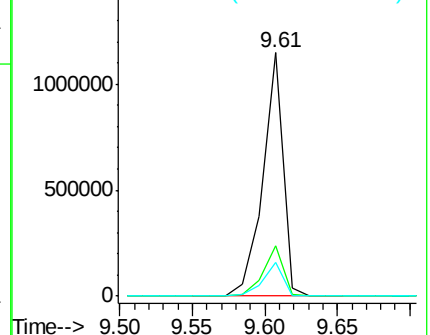
152 100

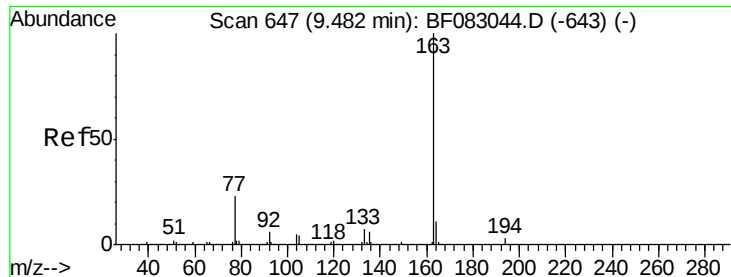
151 20.4 16.2 24.2

153 13.7 10.6 15.8



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

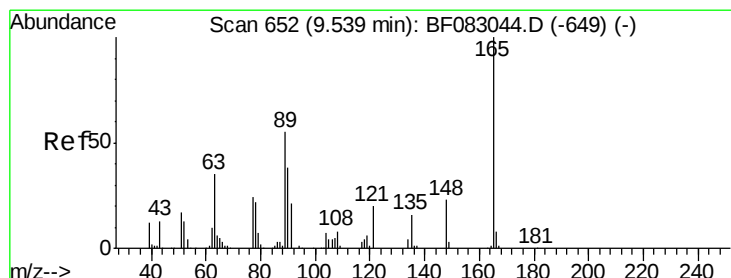
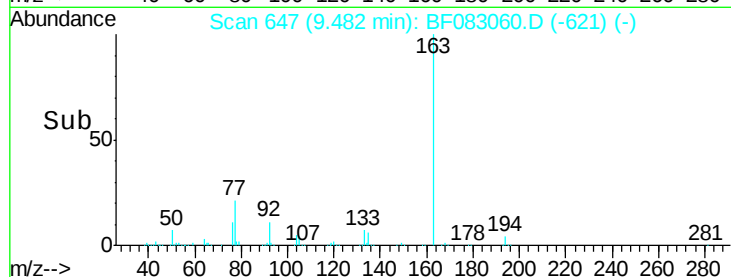
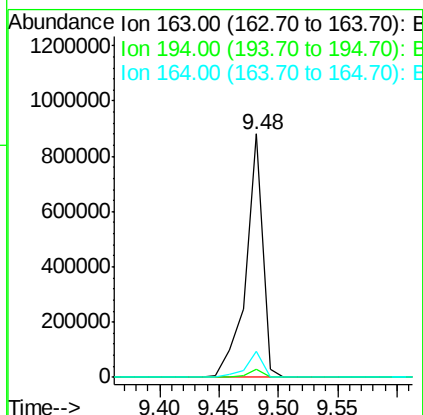
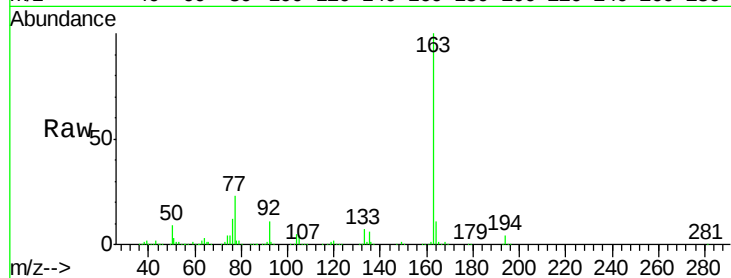




#49
Dimethylphthalate
Concen: 42.39 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

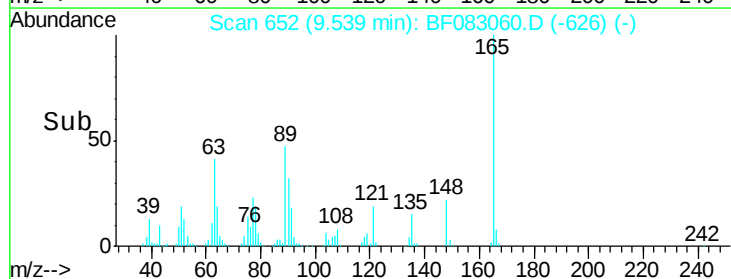
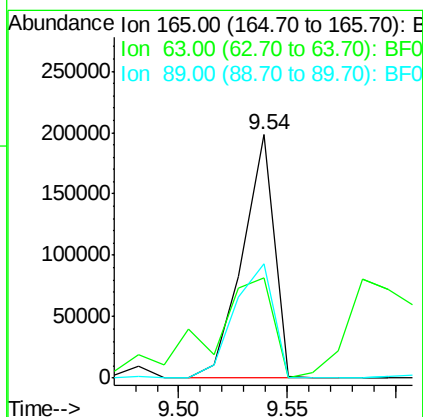
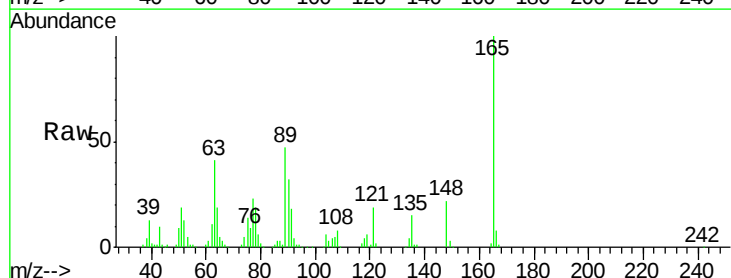
Instrument :
BNA_F
ClientSampleId :
PM-1350MS

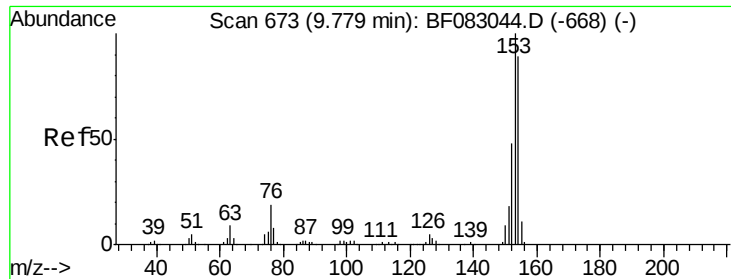
Tgt Ion:163 Resp: 864990
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 45.68 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

Tgt Ion:165 Resp: 200970
Ion Ratio Lower Upper
165 100
63 41.0 40.6 61.0
89 47.0 44.5 66.7





#51

Acenaphthene

Concen: 42.04 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

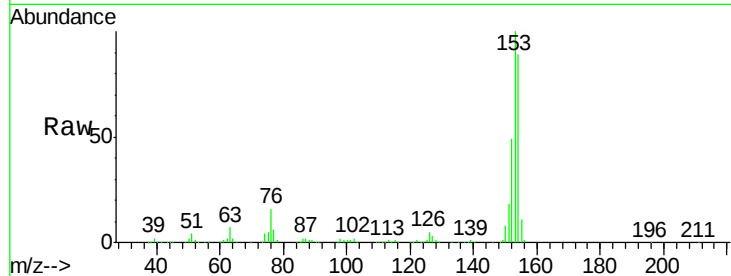
Tgt Ion:154 Resp: 725905

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

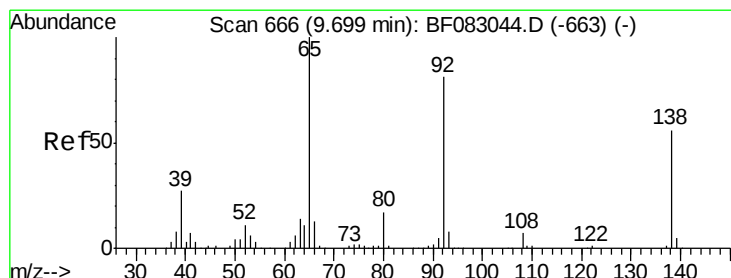
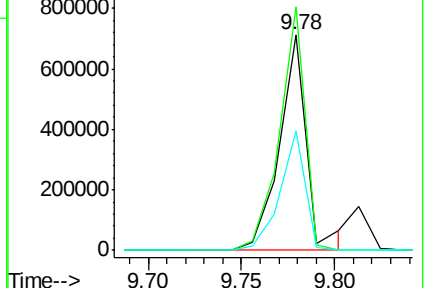
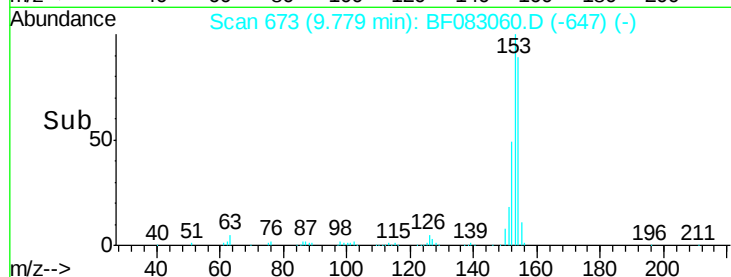
152 55.1 43.3 64.9



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: 7.64 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

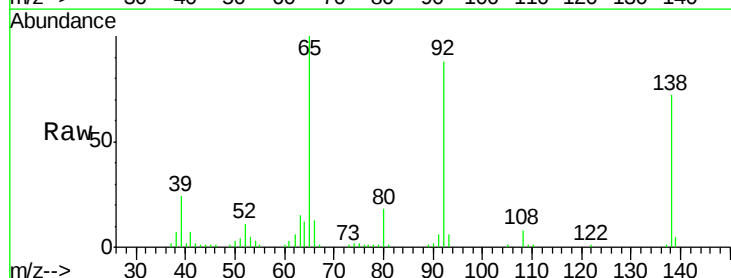
Tgt Ion:138 Resp: 38354

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

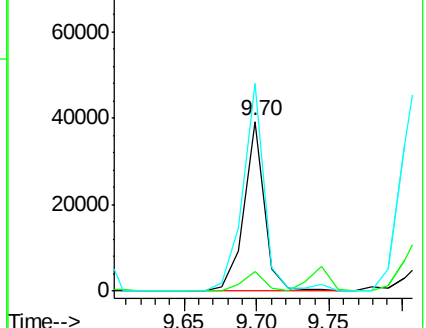
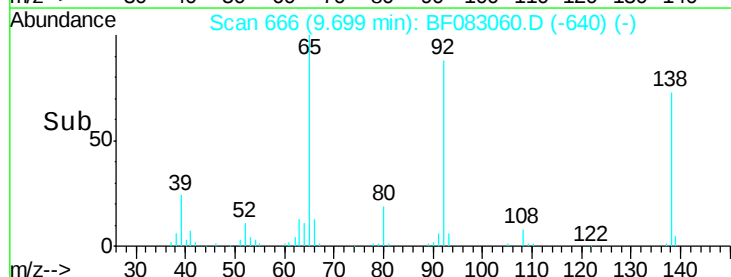
92 122.6 115.2 172.8

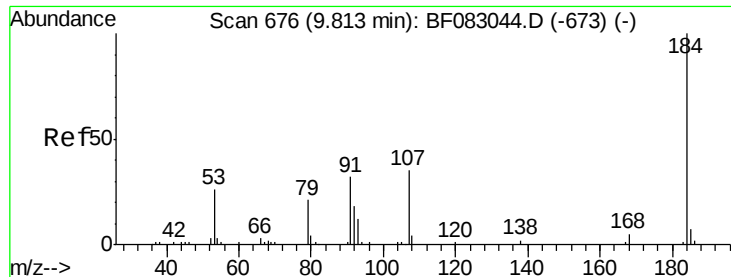


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

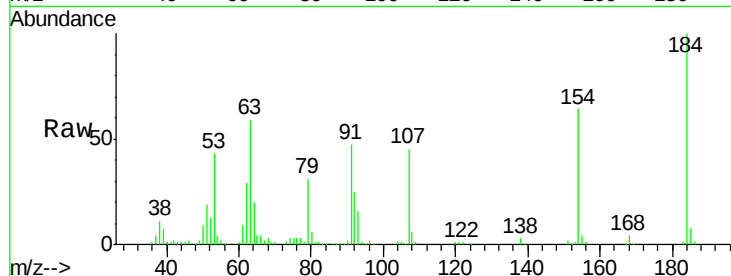




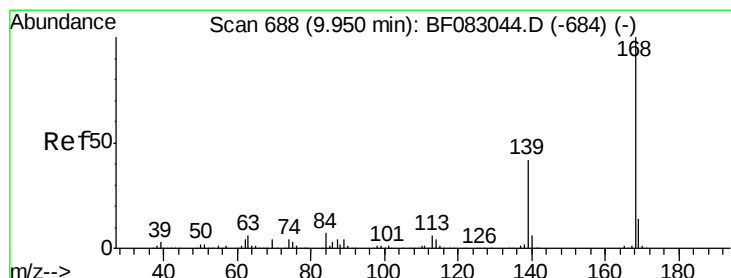
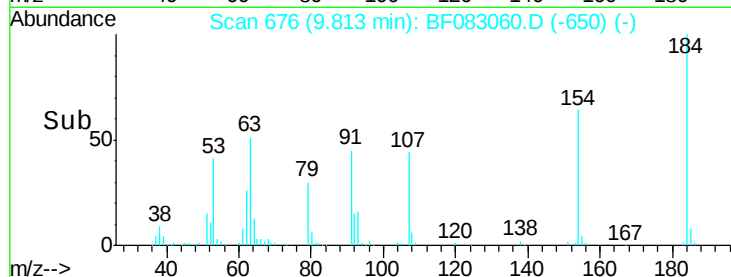
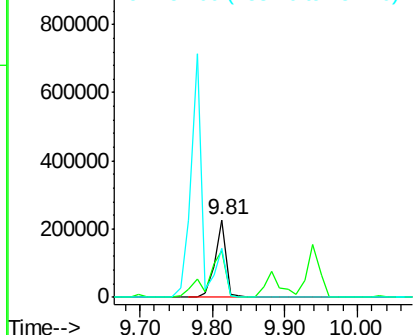
#53
 2,4-Dinitrophenol
 Concen: 108.92 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

Tgt Ion:184 Resp: 244170
 Ion Ratio Lower Upper
 184 100
 63 59.4 30.4 45.6#
 154 64.0 44.9 67.3

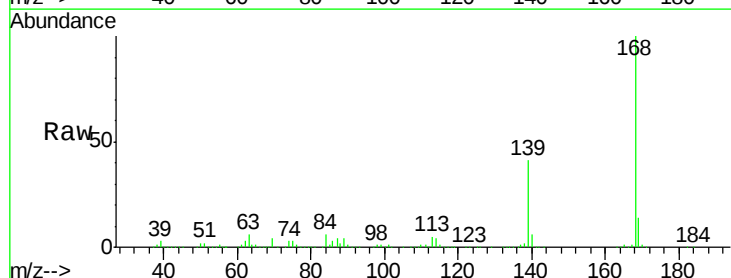


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

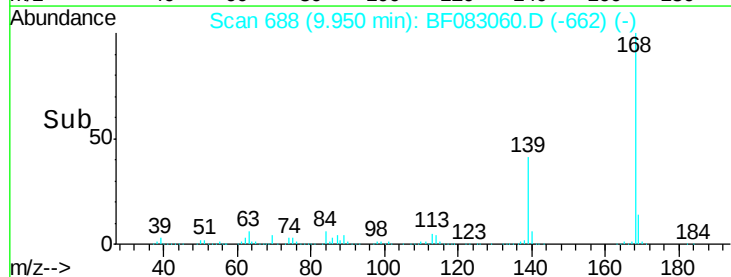
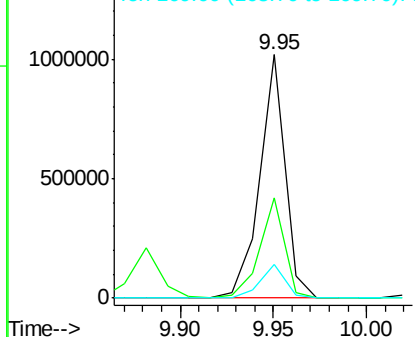


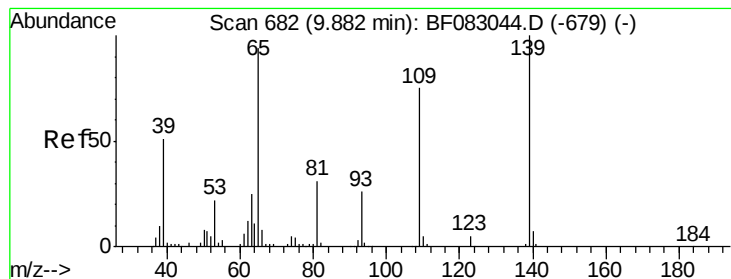
#54
 Dibenzofuran
 Concen: 40.89 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion:168 Resp: 946097
 Ion Ratio Lower Upper
 168 100
 139 41.2 33.5 50.3
 169 13.8 11.2 16.8



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





#55

4-Nitrophenol

Concen: 67.14 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

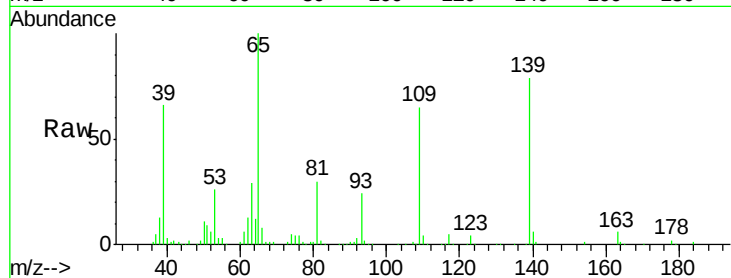
Tgt Ion:139 Resp: 231251

Ion Ratio Lower Upper

139 100

109 82.4 54.6 94.6

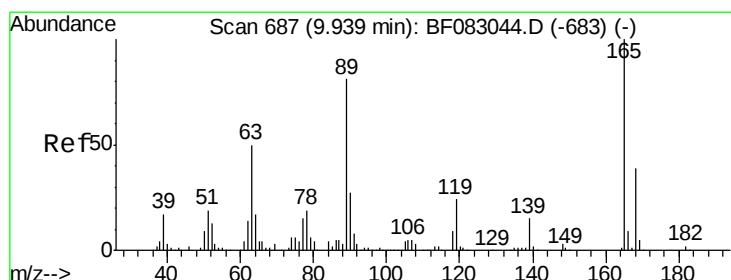
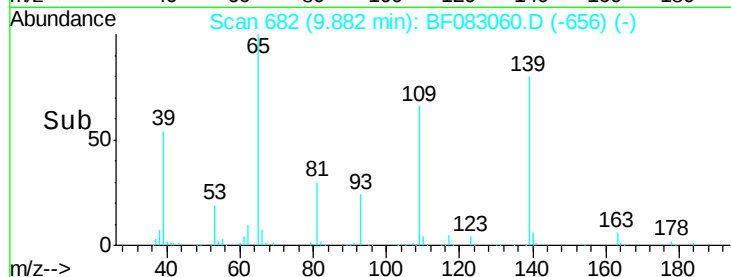
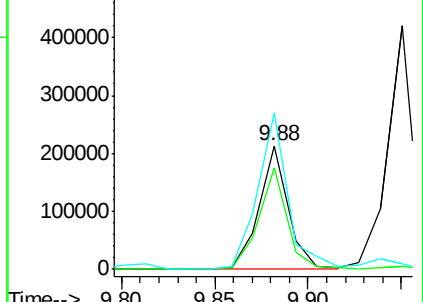
65 126.5 74.4 114.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.15 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Tgt Ion:165 Resp: 254029

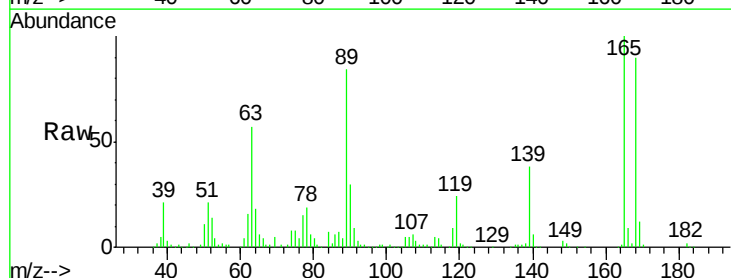
Ion Ratio Lower Upper

165 100

63 57.0 40.6 61.0

89 83.8 64.4 96.6

182 2.0 1.6 2.4

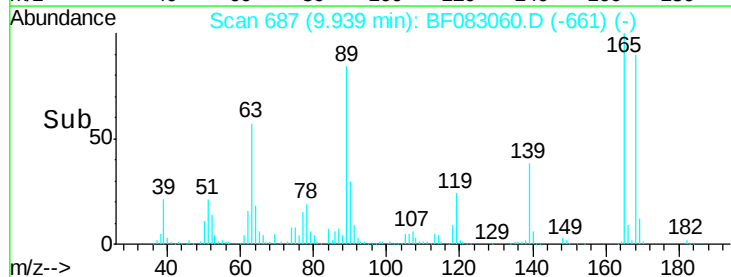
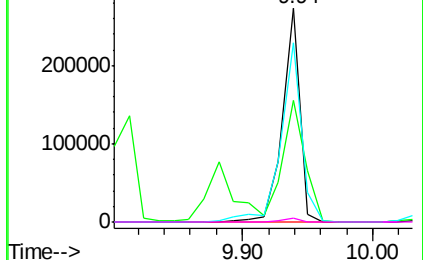


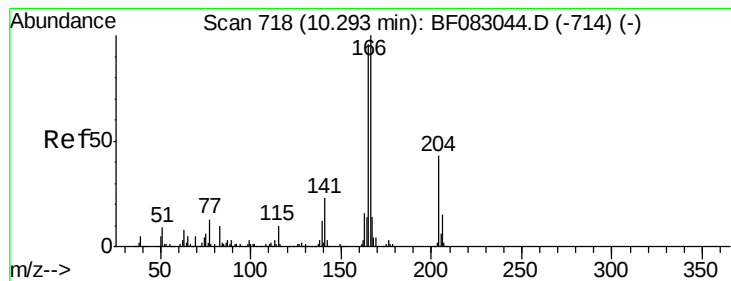
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.31 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampled :

PM-1350MS

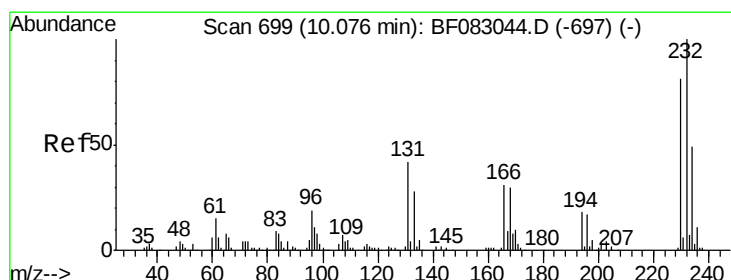
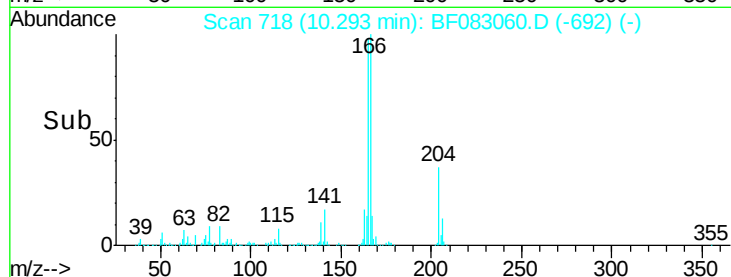
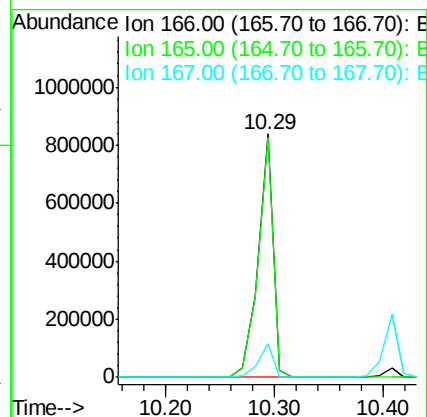
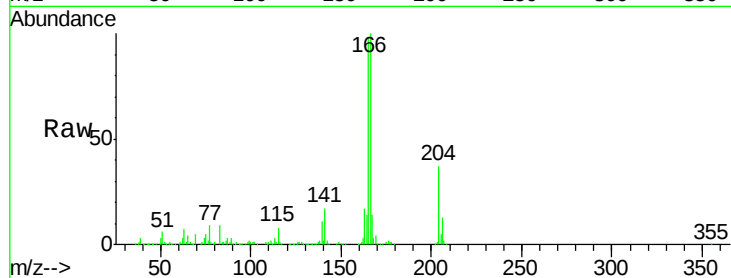
Tgt Ion:166 Resp: 806363

Ion Ratio Lower Upper

166 100

165 98.3 77.1 115.7

167 13.9 11.0 16.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.63 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Tgt Ion:232 Resp: 218175

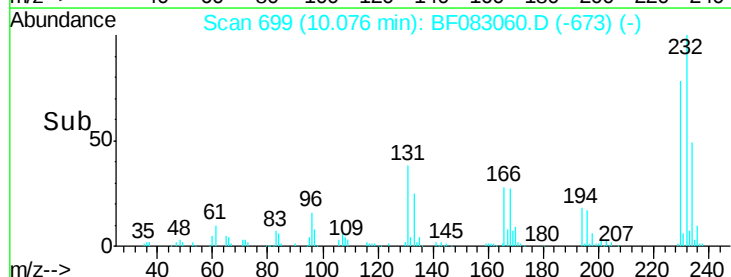
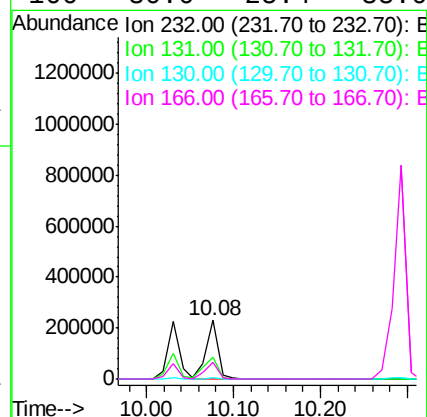
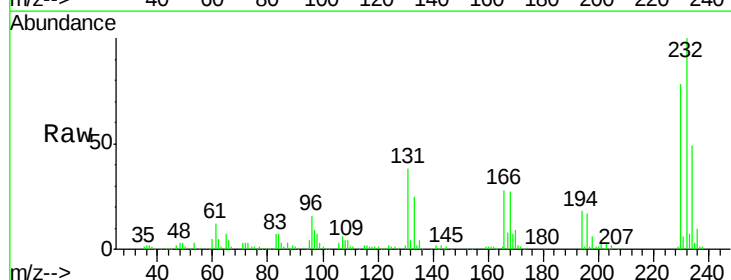
Ion Ratio Lower Upper

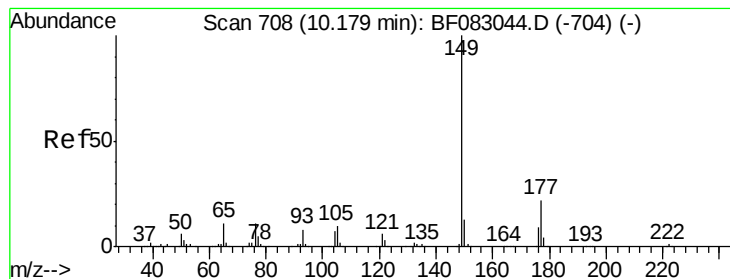
232 100

131 44.5 36.5 54.7

130 2.1 1.8 2.6

166 30.0 25.4 38.0





#59

Diethylphthalate

Concen: 41.86 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

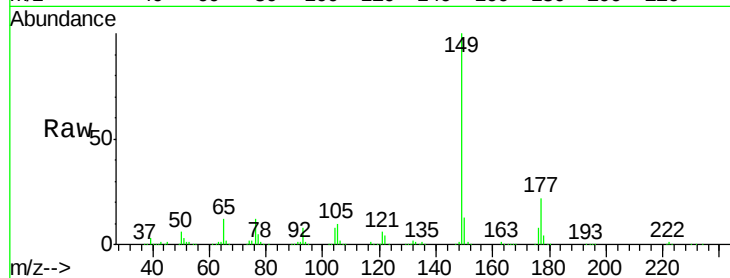
Tgt Ion:149 Resp: 833123

Ion Ratio Lower Upper

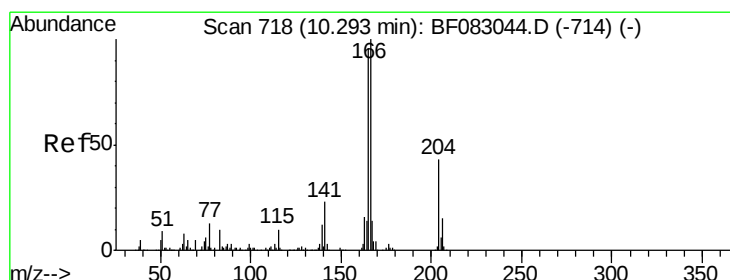
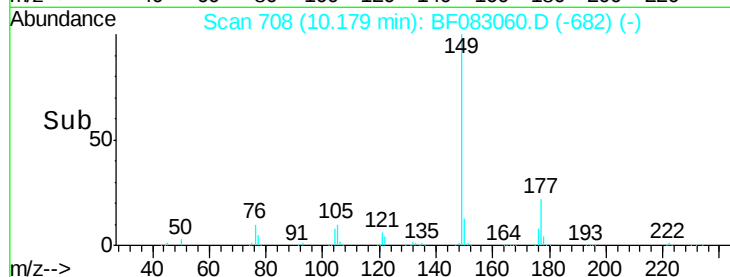
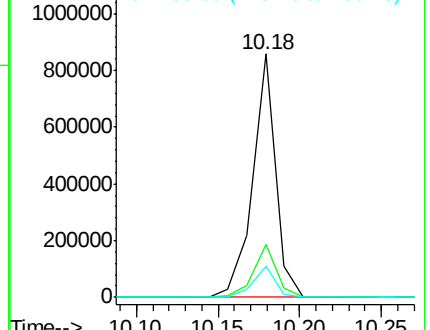
149 100

177 21.8 17.4 26.2

150 12.8 10.2 15.2



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: 42.44 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

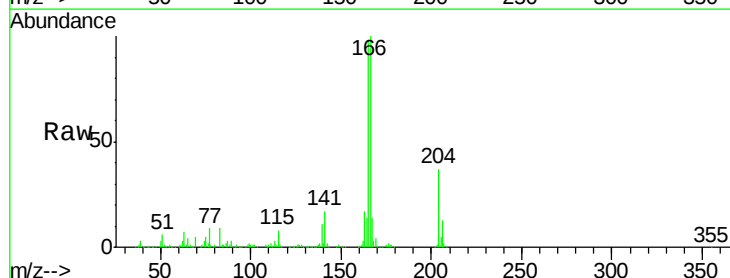
Tgt Ion:204 Resp: 370040

Ion Ratio Lower Upper

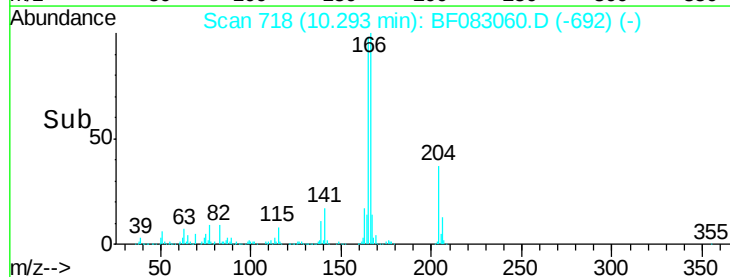
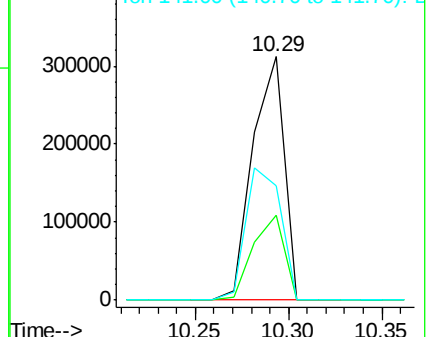
204 100

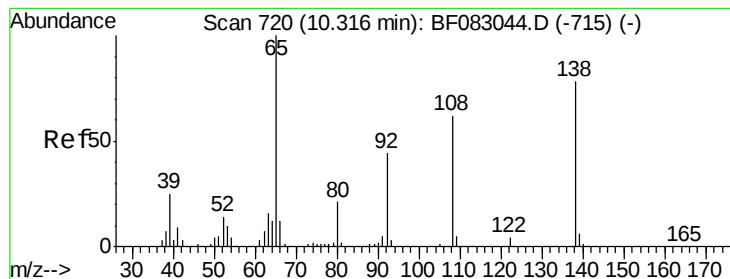
206 35.1 28.2 42.4

141 47.0 41.8 62.8



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: 28.05 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

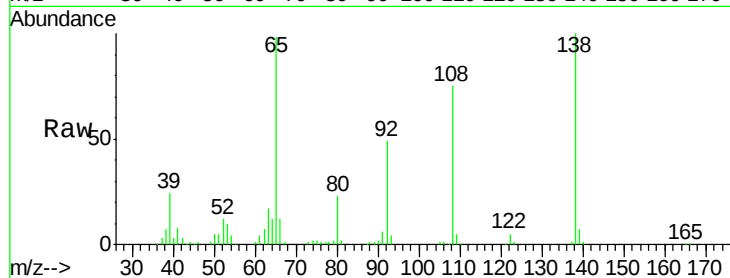
Tgt Ion:138 Resp: 143774

Ion Ratio Lower Upper

138 100

92 49.0 36.4 76.4

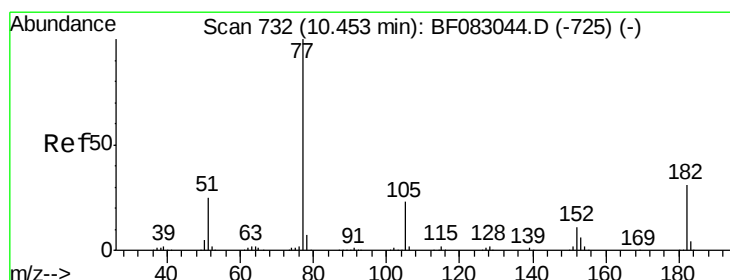
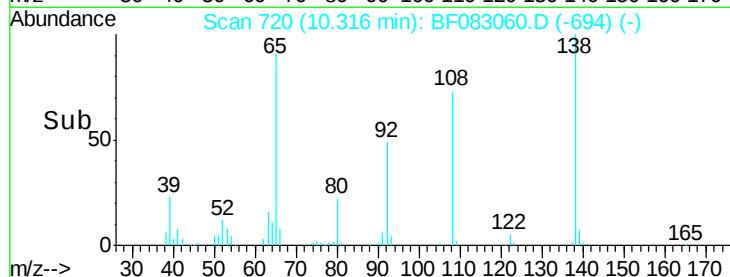
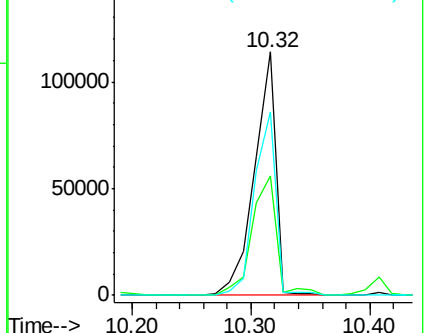
108 75.4 59.6 99.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.31 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Tgt Ion: 77 Resp: 898501

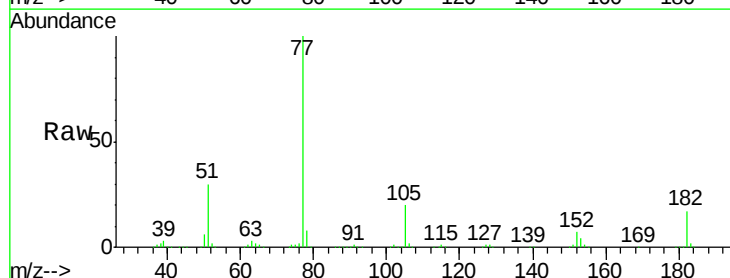
Ion Ratio Lower Upper

77 100

182 16.6 10.8 50.8

105 20.4 3.4 43.4

51 30.3 4.7 44.7

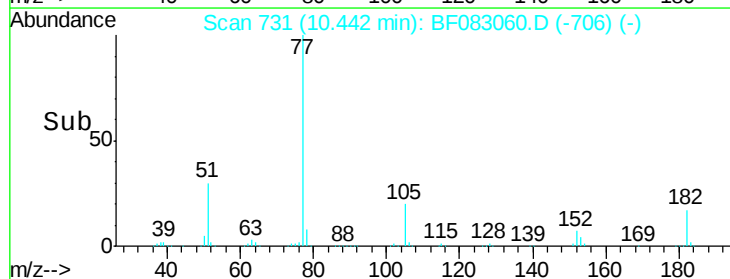
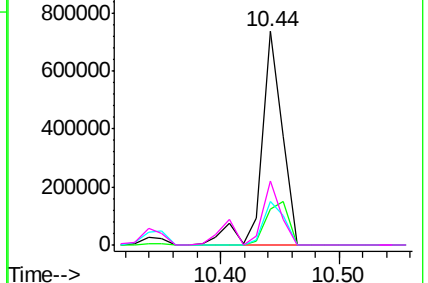


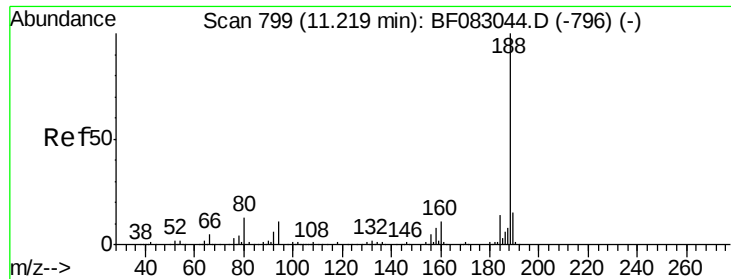
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

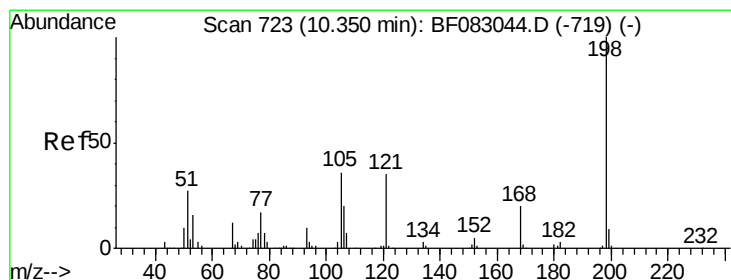
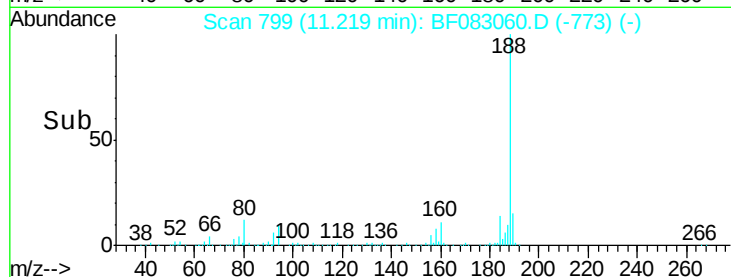
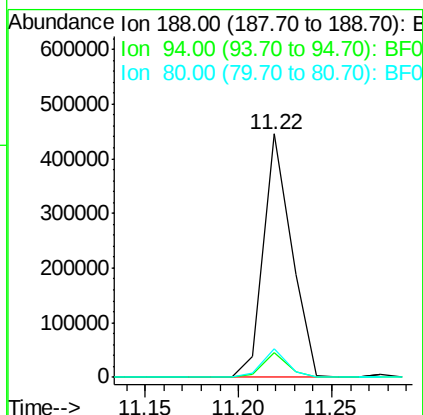
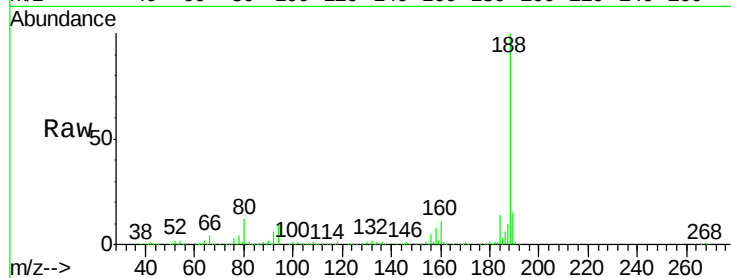




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

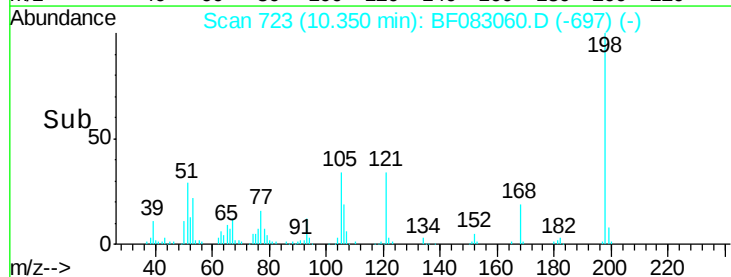
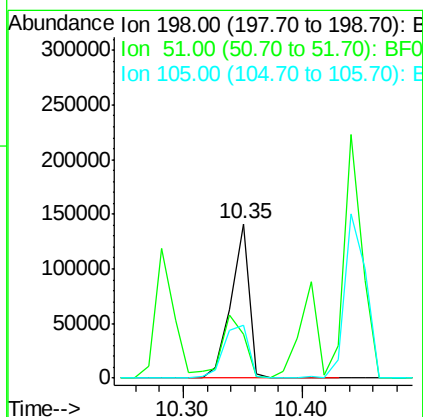
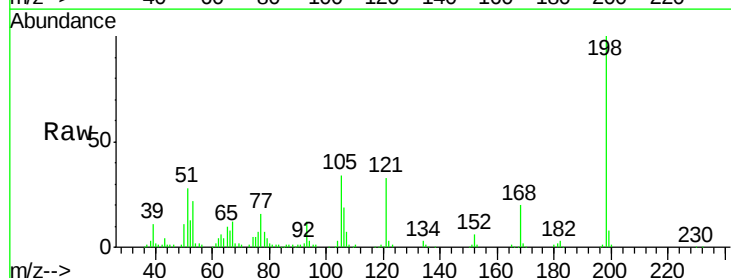
Instrument :
BNA_F
ClientSampleId :
PM-1350MS

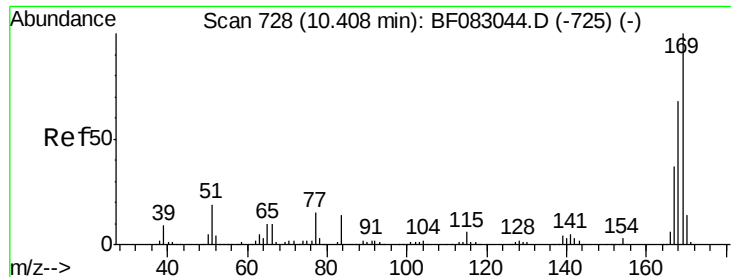
Tgt Ion:188 Resp: 464630
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 11.9 10.2 15.4



#64
4,6-Dinitro-2-methylphenol
Concen: 50.92 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

Tgt Ion:198 Resp: 150833
Ion Ratio Lower Upper
198 100
51 28.5 11.1 51.1
105 34.2 16.5 56.5

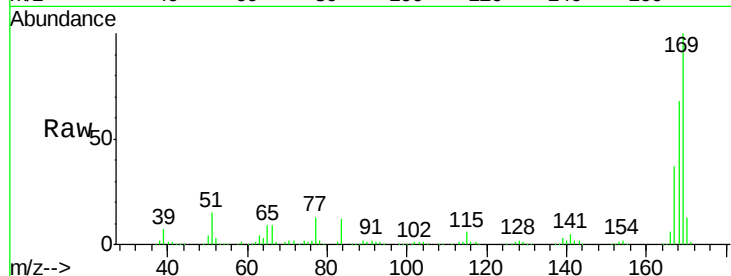




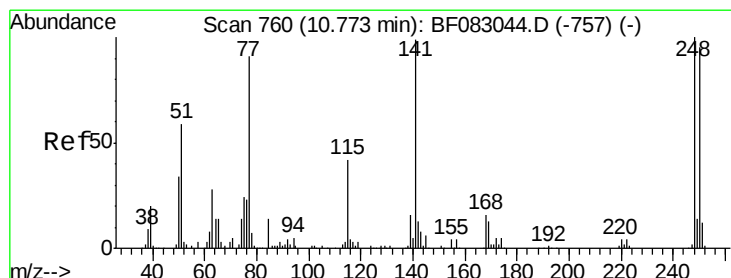
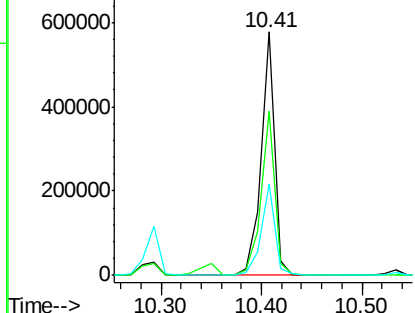
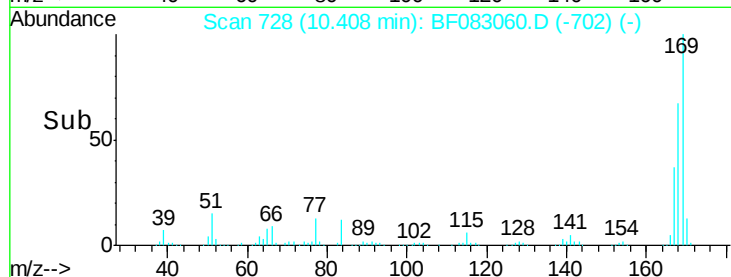
#65
 n-Nitrosodiphenylamine
 Concen: 32.95 ng
 RT: 10.41 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.2	81.2
167	37.4	29.5	44.3

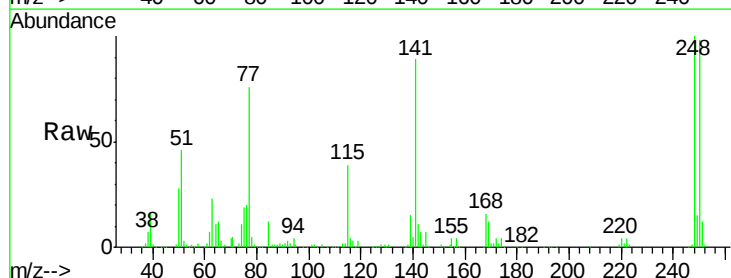


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

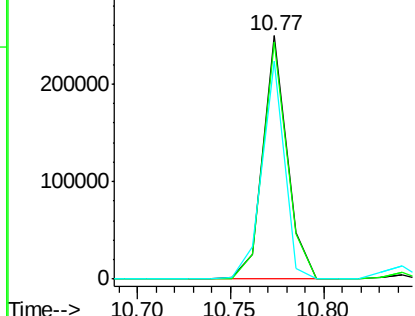
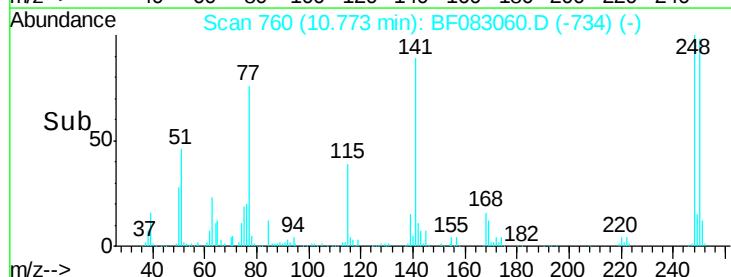


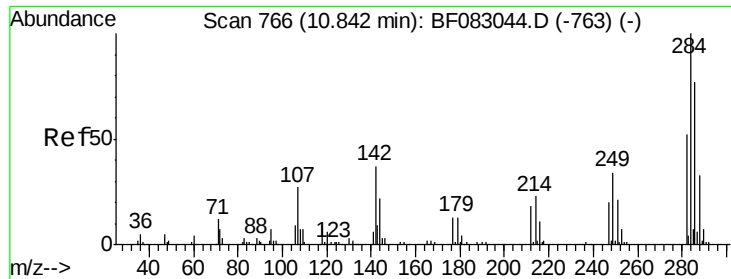
#66
 4-Bromophenyl-phenylether
 Concen: 41.25 ng
 RT: 10.77 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.1	114.1
141	89.3	79.2	118.8



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: 44.29 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

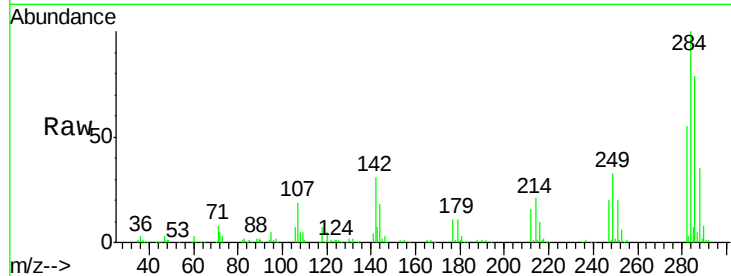
Tgt Ion:284 Resp: 260718

Ion Ratio Lower Upper

284 100

142 30.6 29.5 44.3

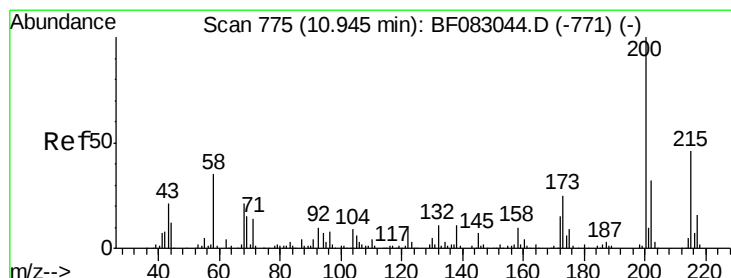
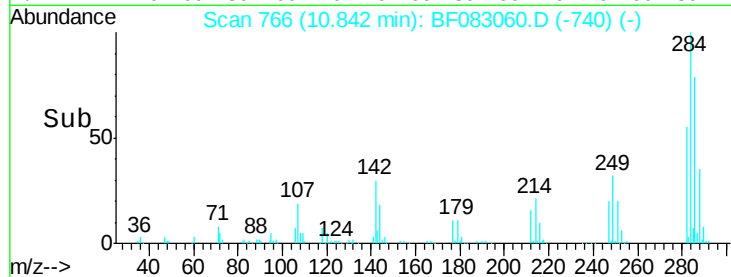
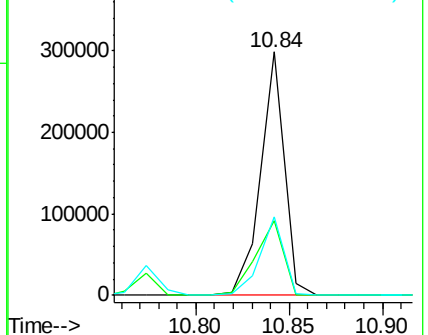
249 32.5 27.2 40.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.49 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

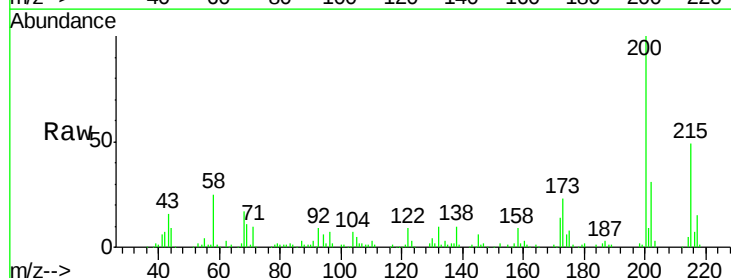
Tgt Ion:200 Resp: 160596

Ion Ratio Lower Upper

200 100

173 22.8 4.9 44.9

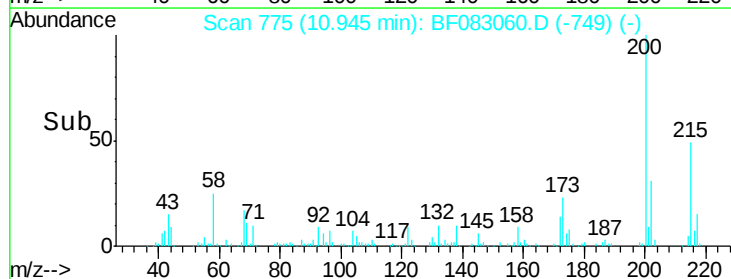
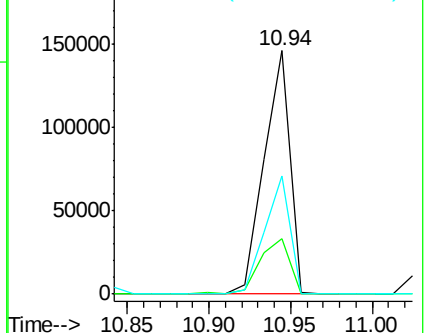
215 48.7 25.5 65.5

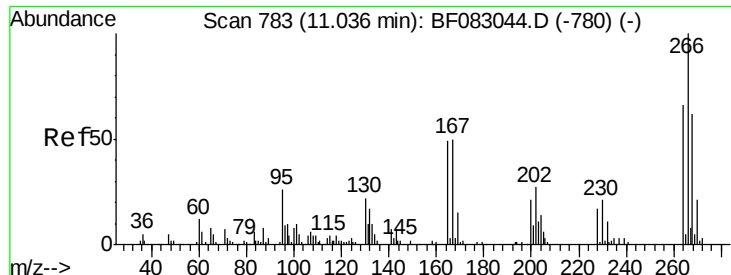


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

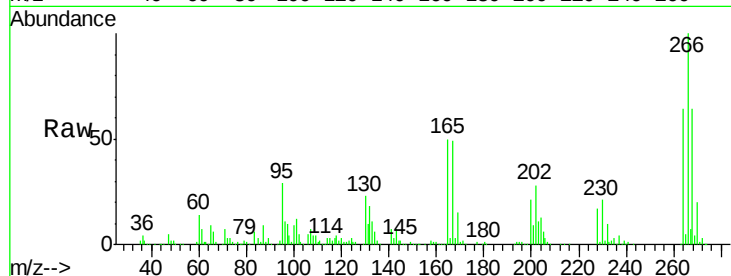




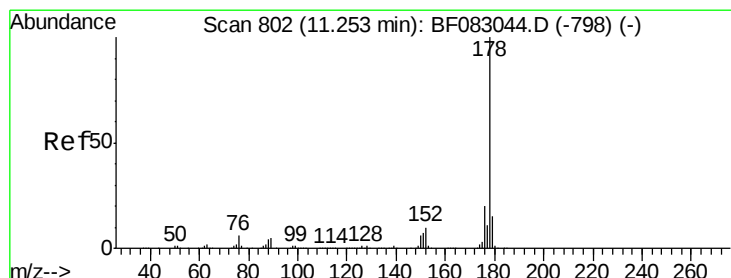
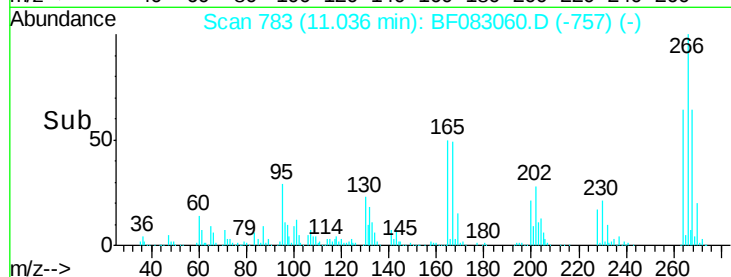
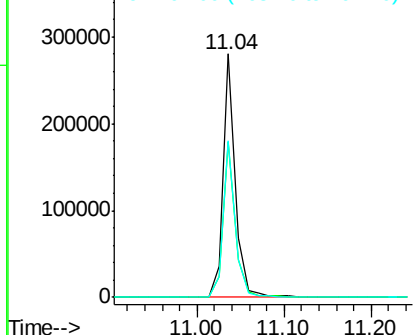
#69
 Pentachlorophenol
 Concen: 93.31 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Instrument :
 BNA_F
 ClientSampled :
 PM-1350MS

Tgt Ion:266 Resp: 280296
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.6 74.4
 264 64.1 52.7 79.1

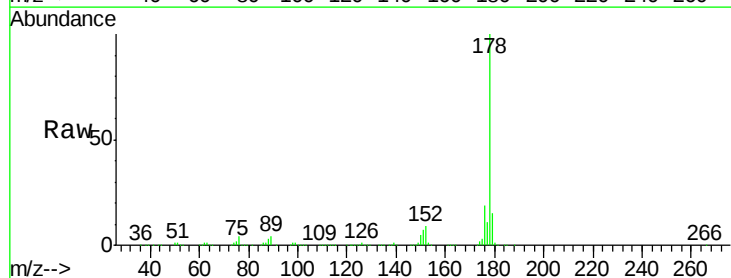


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

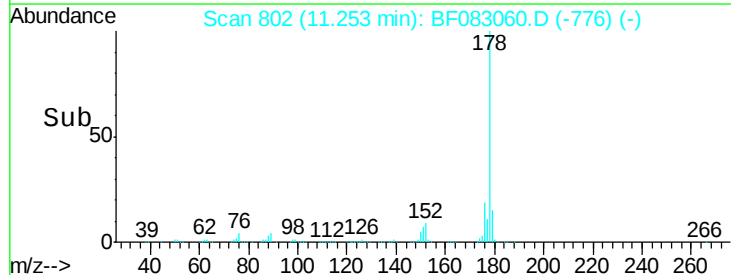
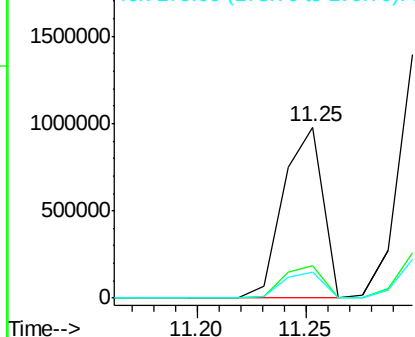


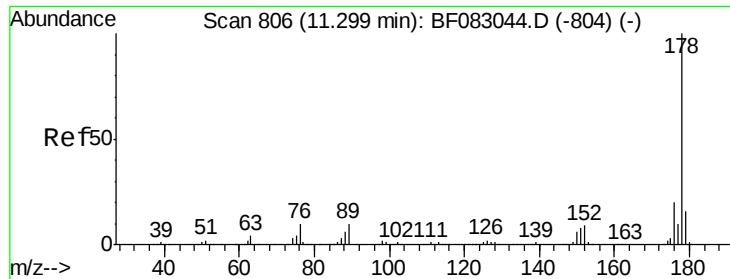
#70
 Phenanthrene
 Concen: 44.11 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion:178 Resp: 1236581
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.3 12.3 18.5



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

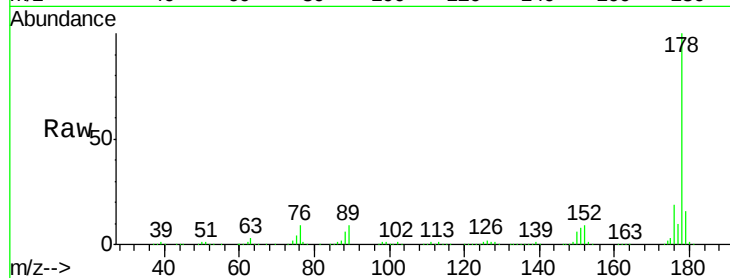




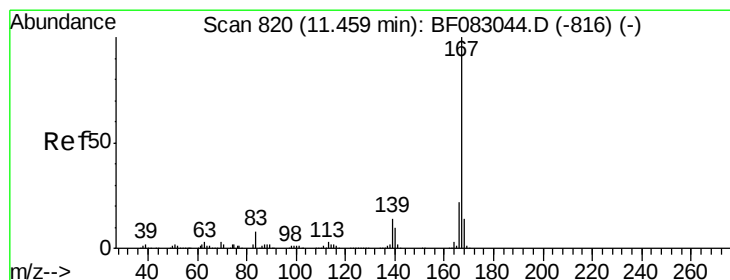
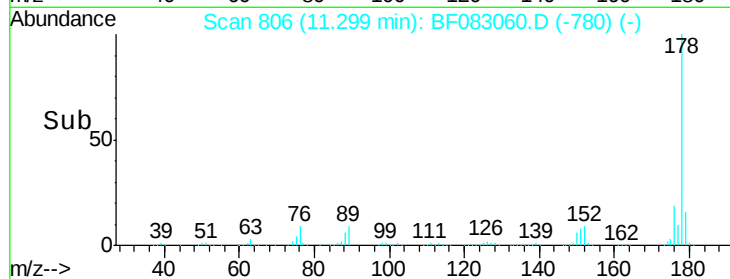
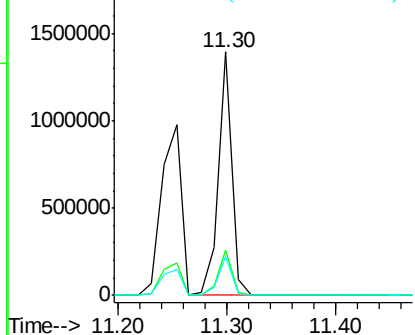
#71
 Anthracene
 Concen: 43.20 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

Tgt Ion:178 Resp: 1219788
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.6
 179 15.9 13.1 19.7

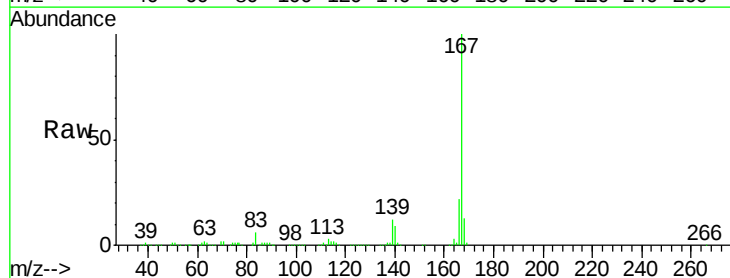


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

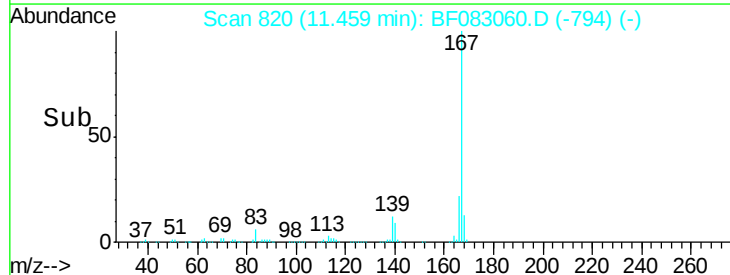
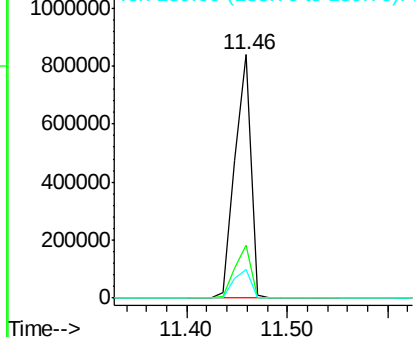


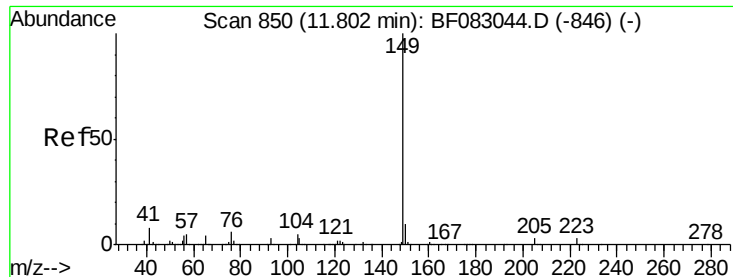
#72
 Carbazole
 Concen: 37.51 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion:167 Resp: 925863
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 11.9 11.0 16.4



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: 44.26 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

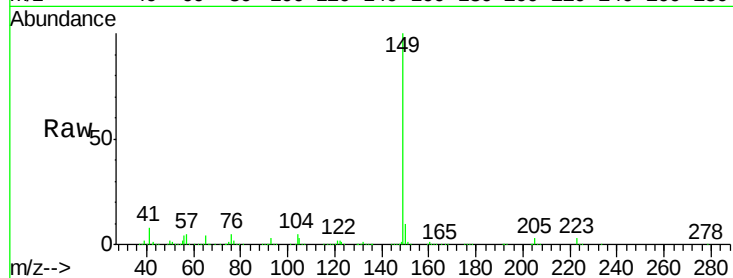
Tgt Ion:149 Resp: 1377918

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

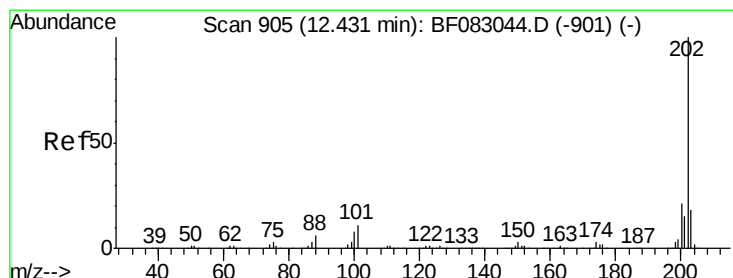
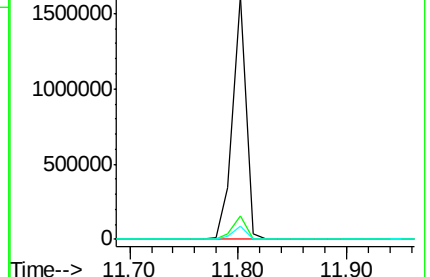
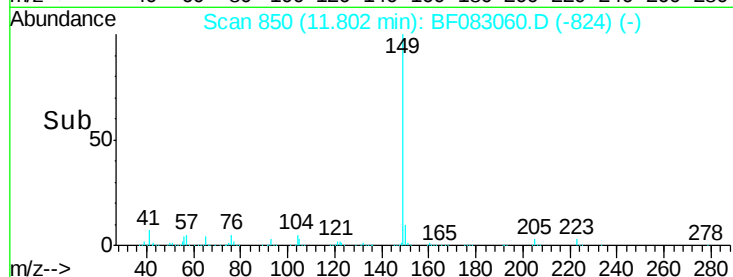
104 5.5 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.73 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

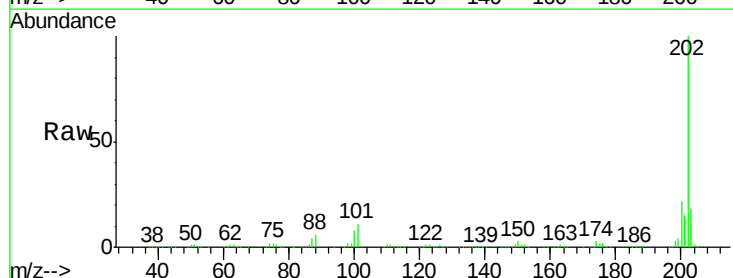
Tgt Ion:202 Resp: 1219208

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.1

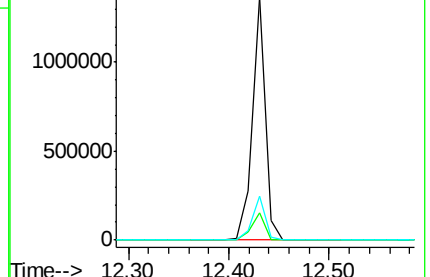
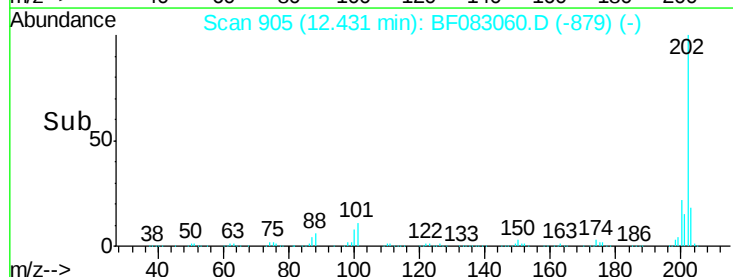
203 18.3 0.0 38.4

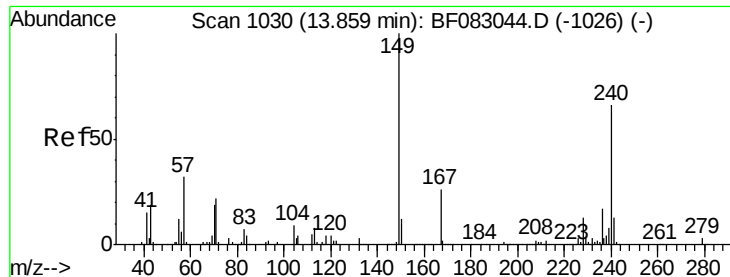


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

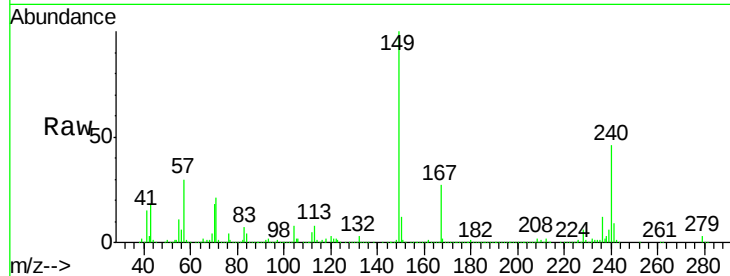
Tgt Ion:240 Resp: 423577

Ion Ratio Lower Upper

240 100

120 5.6 5.3 7.9

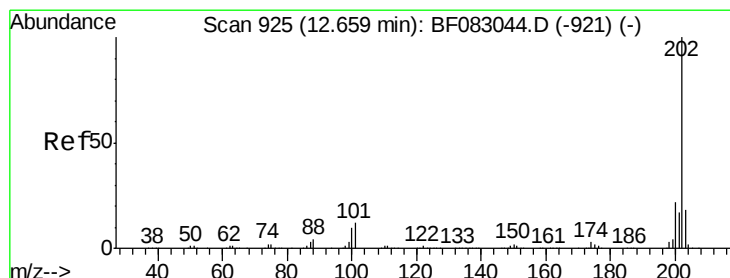
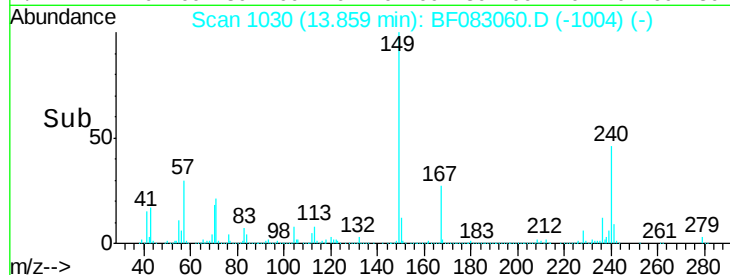
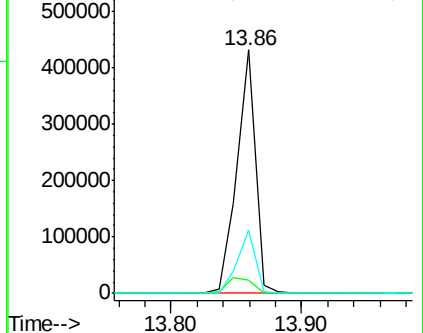
236 25.8 20.4 30.6



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



#77

Pyrene

Concen: 45.48 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

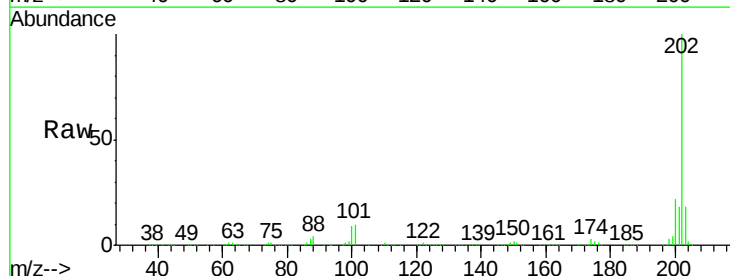
Tgt Ion:202 Resp: 1356231

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

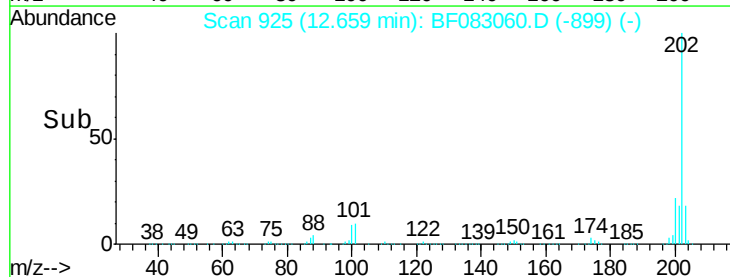
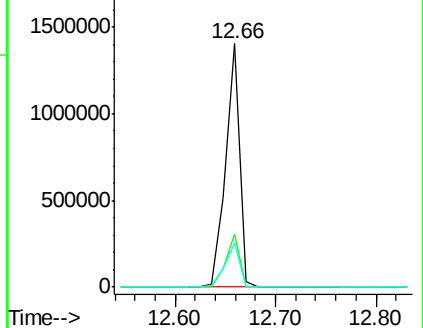
203 18.2 14.6 22.0

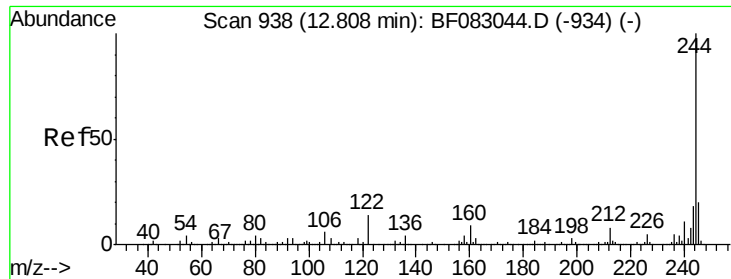


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

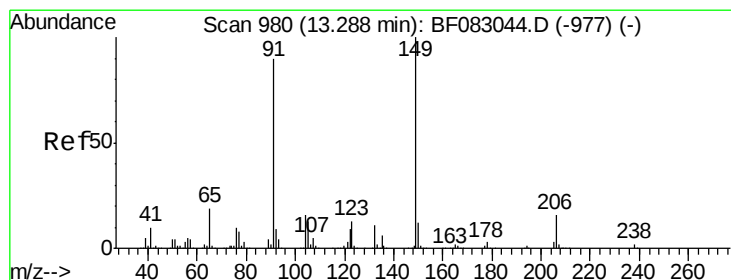
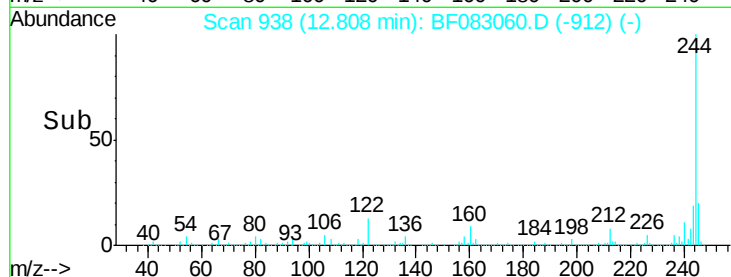
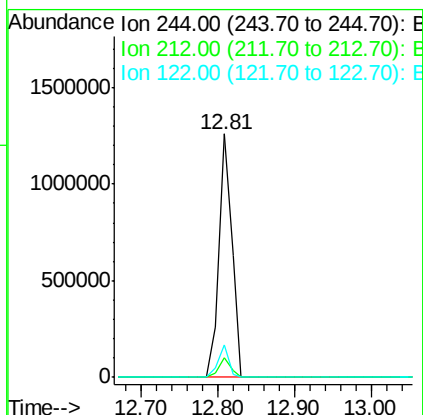
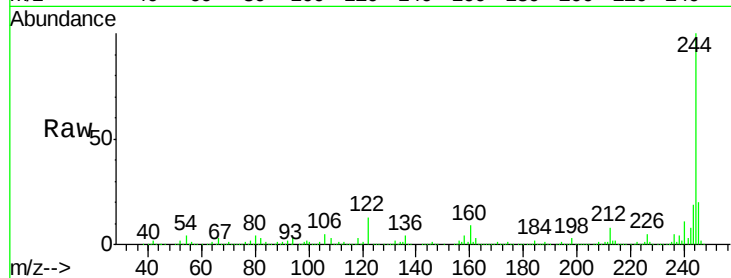




#78
 Terphenyl-d14
 Concen: 82.58 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

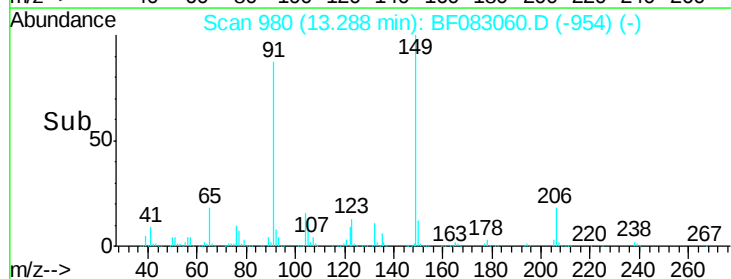
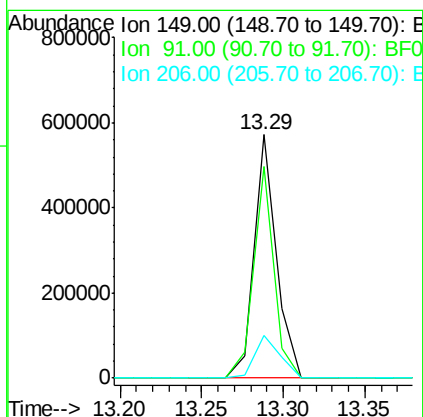
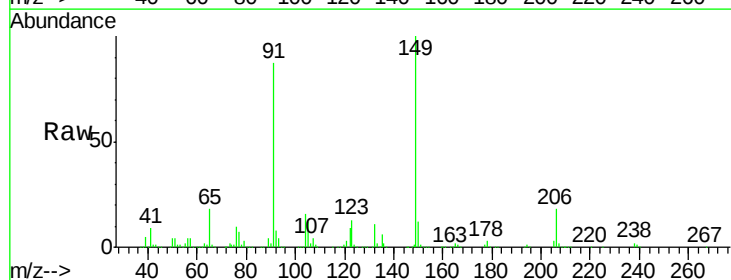
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MS

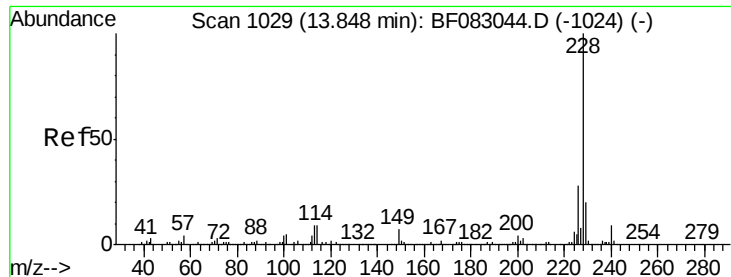
Tgt Ion:244 Resp: 1481630
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 13.2 10.9 16.3



#79
 Butylbenzylphthalate
 Concen: 40.96 ng
 RT: 13.29 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF083060.D
 Acq: 20 Nov 2015 3:55

Tgt Ion:149 Resp: 539707
 Ion Ratio Lower Upper
 149 100
 91 87.1 71.9 107.9
 206 17.7 13.1 19.7





#80

Benzo(a)anthracene

Concen: 43.91 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

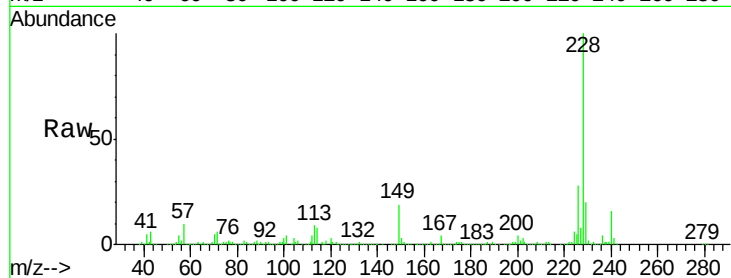
BNA_F

ClientSampleId :

PM-1350MS

Tgt Ion:228 Resp: 1181910

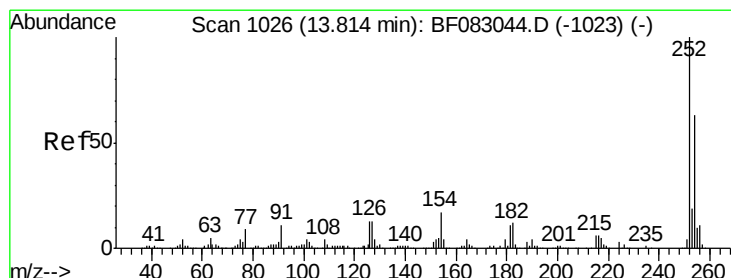
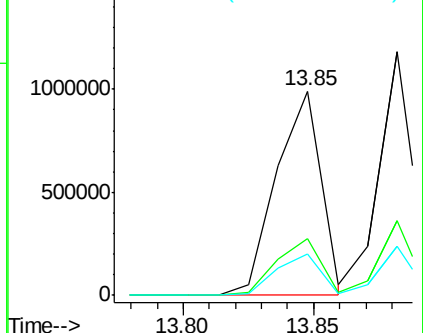
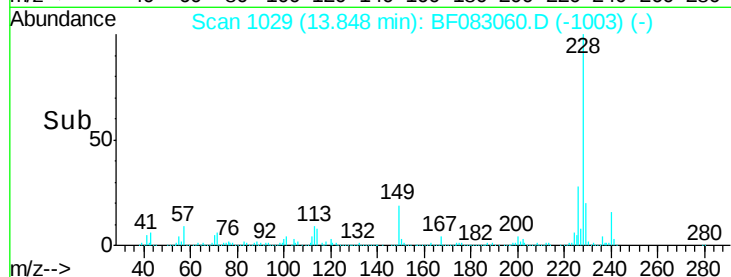
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	20.5	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 4.73 ng

RT: 13.81 min Scan# 1026

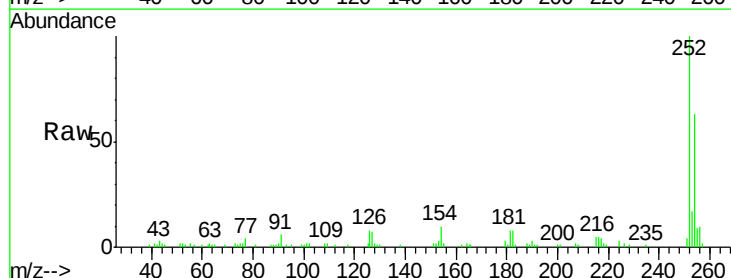
Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Tgt Ion:252 Resp: 42848

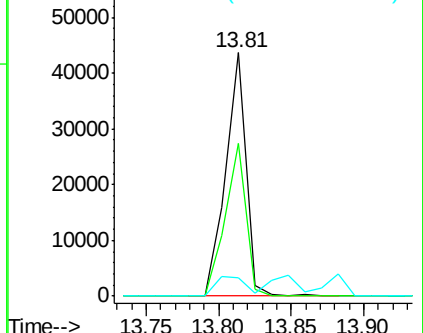
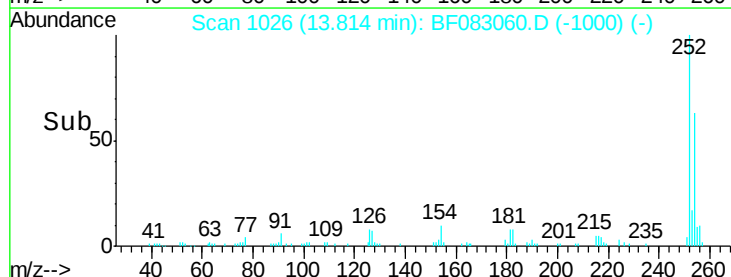
Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.6	76.0
126	7.6	10.2	15.4

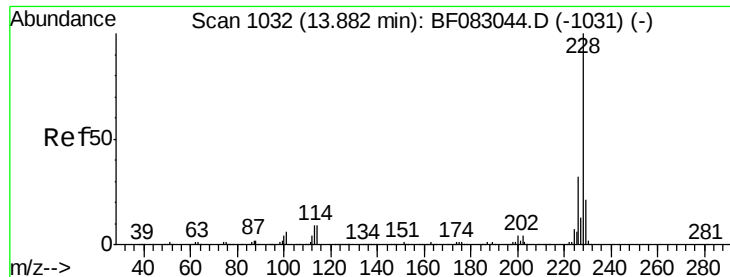


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.55 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

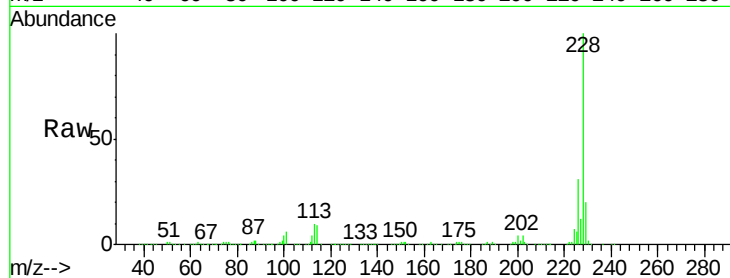
Tgt Ion:228 Resp: 1050183

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

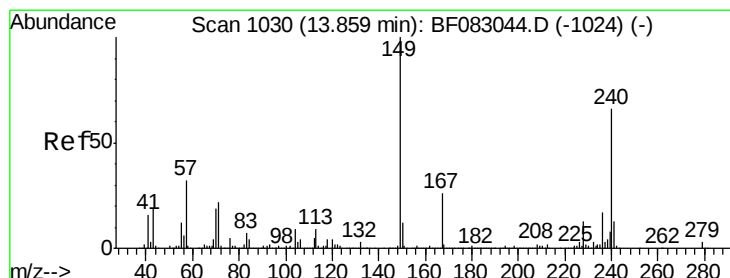
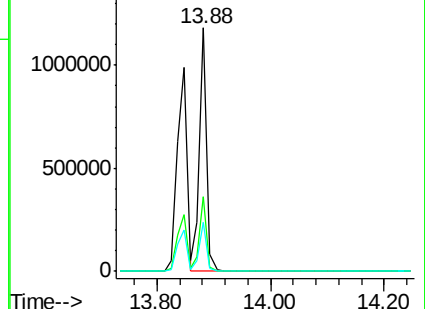
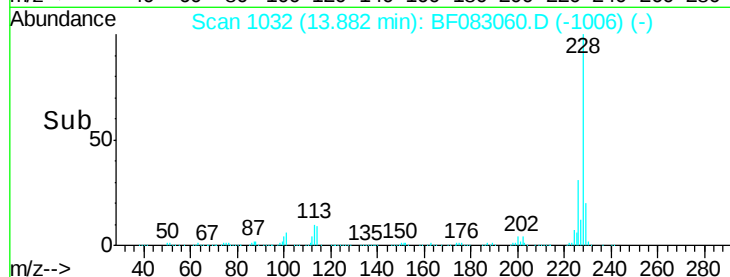
229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

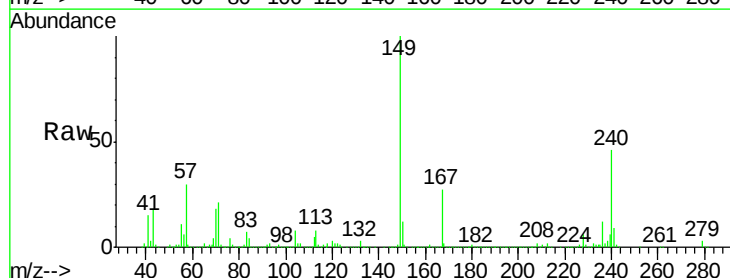
Tgt Ion:149 Resp: 809738

Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

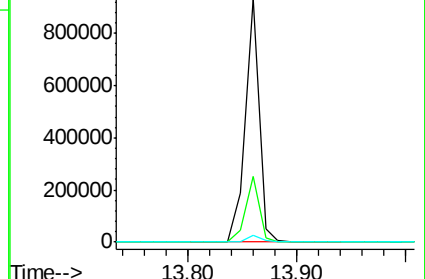
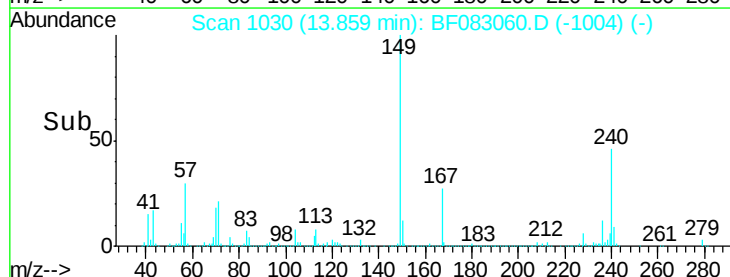
279 2.9 2.0 3.0

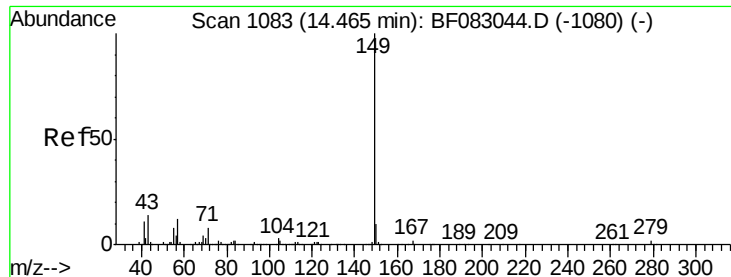


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 44.45 ng

RT: 14.47 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

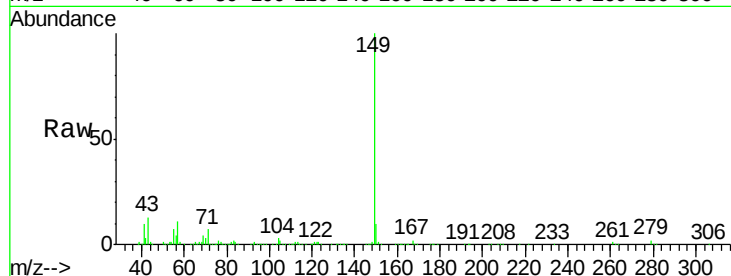
Tgt Ion:149 Resp: 1247740

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

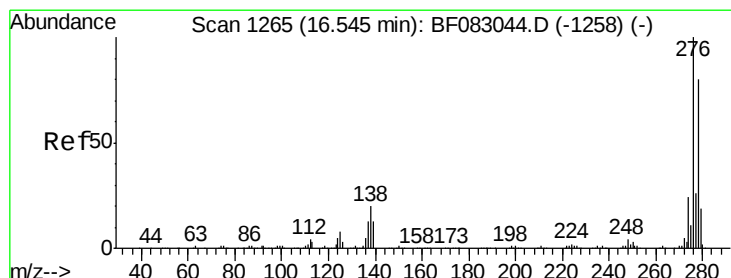
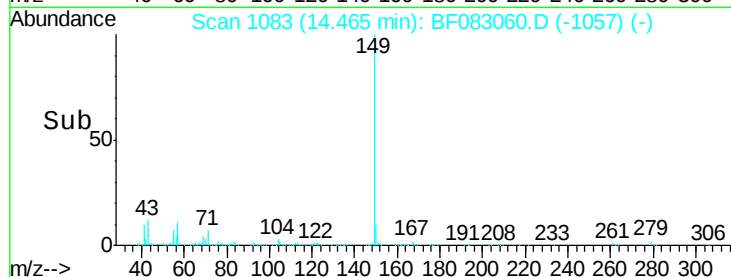
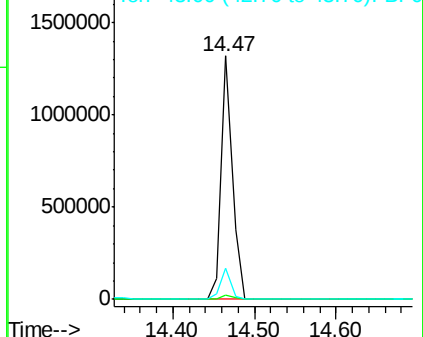
43 11.7 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.58 ng

RT: 16.53 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

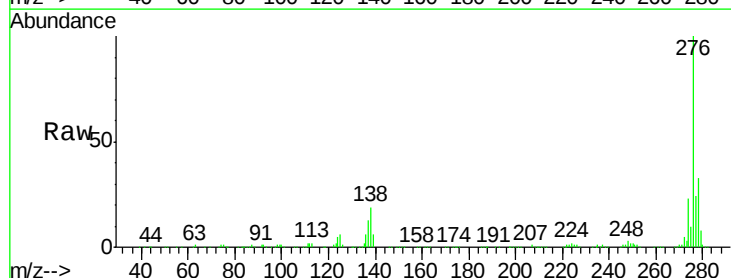
Tgt Ion:276 Resp: 915438

Ion Ratio Lower Upper

276 100

138 20.5 16.3 24.5

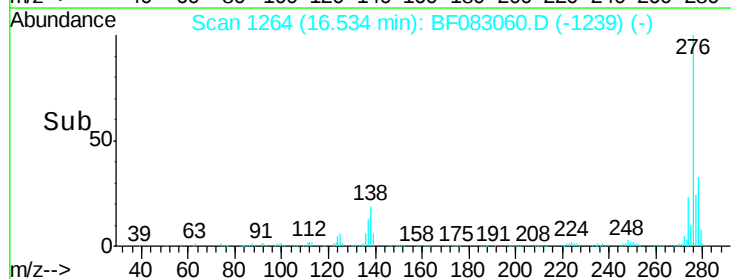
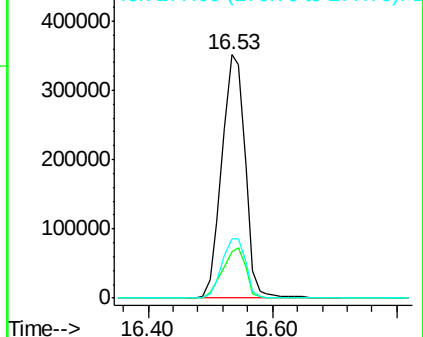
277 25.2 19.8 29.8

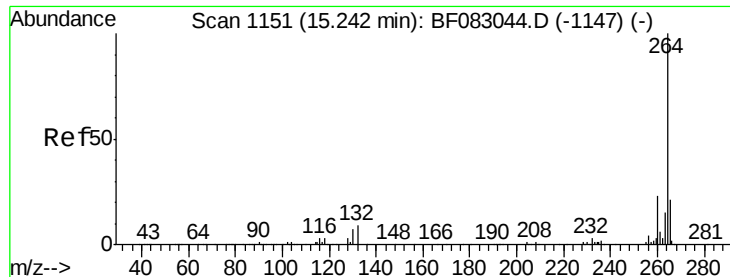


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

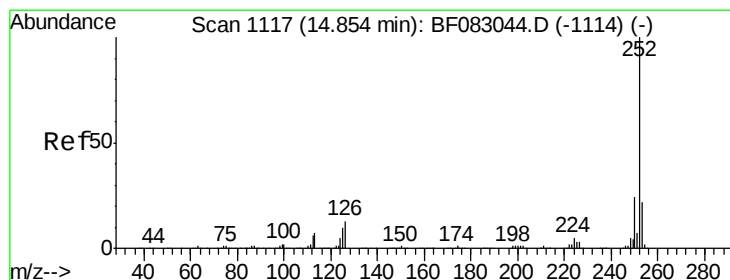
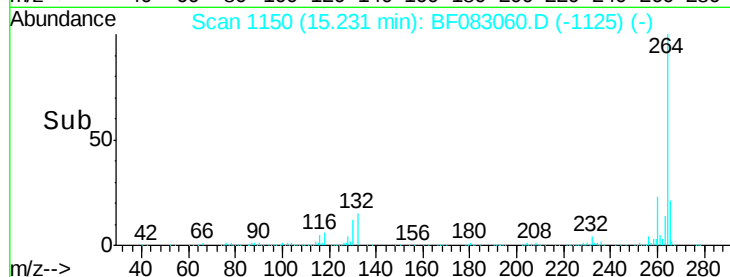
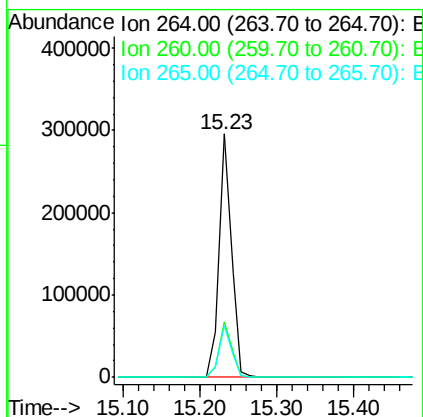
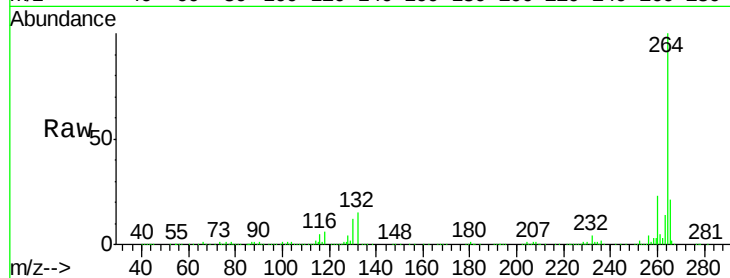




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

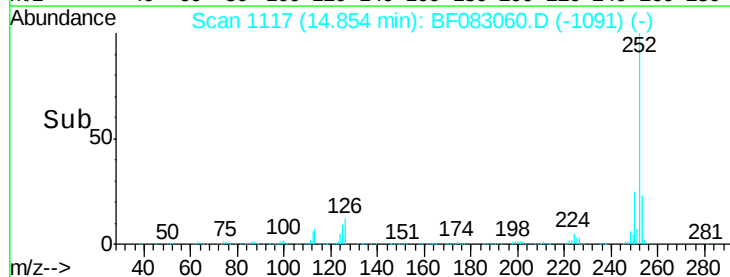
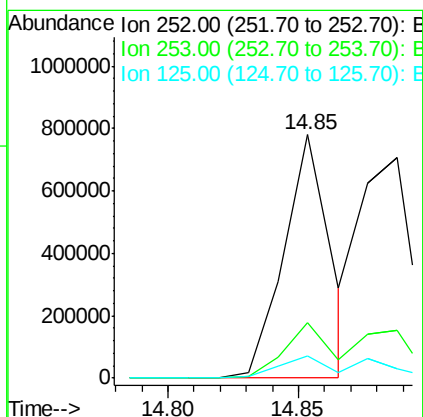
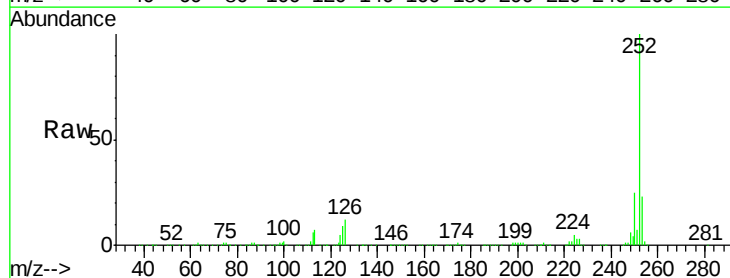
Instrument :
BNA_F
ClientSampleId :
PM-1350MS

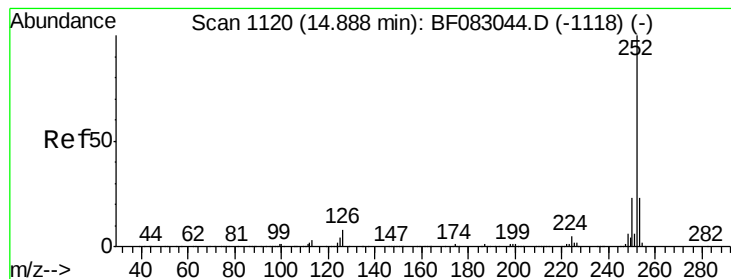
Tgt Ion: 264 Resp: 338571
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.4 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 40.49 ng
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF083060.D
Acq: 20 Nov 2015 3:55

Tgt Ion: 252 Resp: 958551
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 8.8 7.7 11.5





#88

Benzo(k)fluoranthene

Concen: 52.26 ng m

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

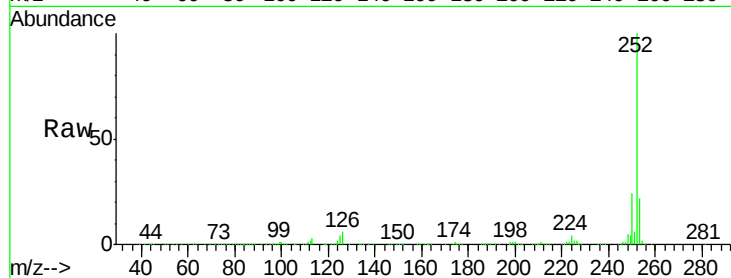
Tgt Ion:252 Resp: 942458

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

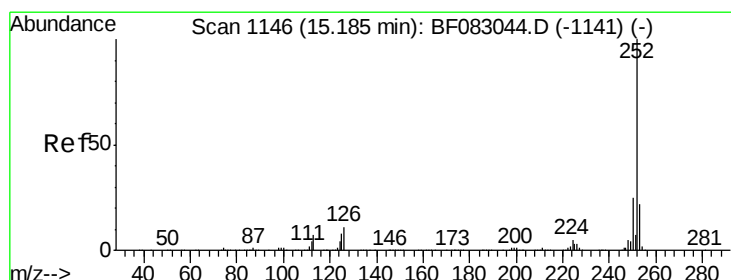
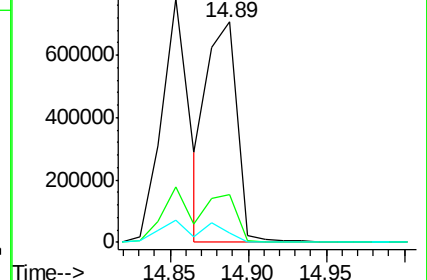
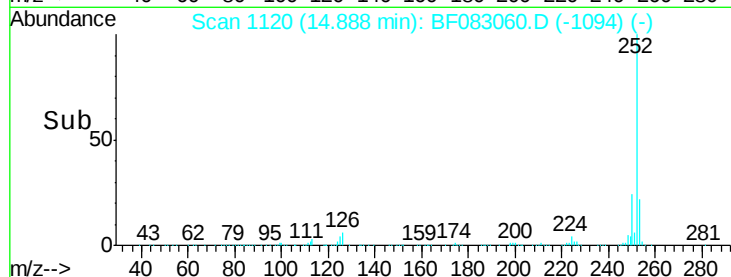
125 4.4 3.8 5.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 46.38 ng

RT: 15.19 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

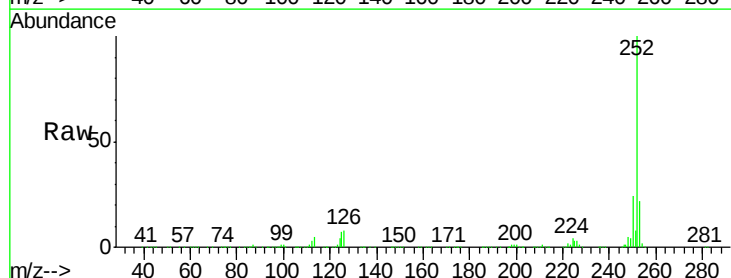
Tgt Ion:252 Resp: 881061

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

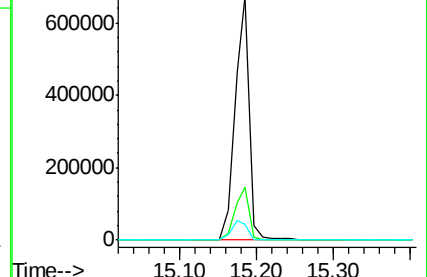
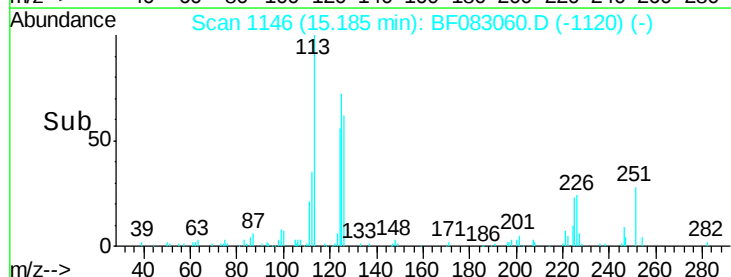
125 6.6 6.4 9.6

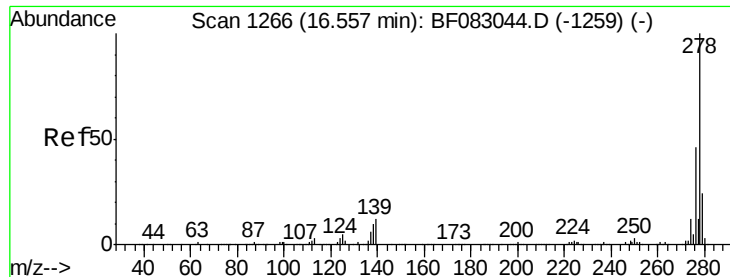


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 47.22 ng

RT: 16.56 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

Instrument :

BNA_F

ClientSampleId :

PM-1350MS

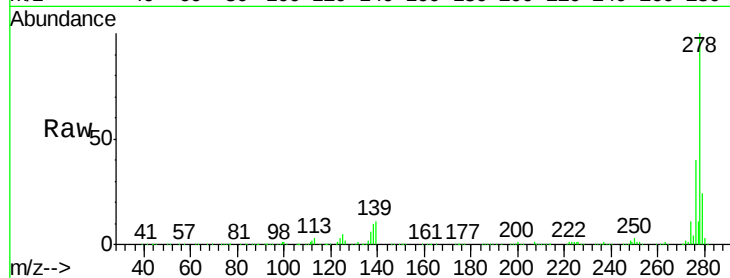
Tgt Ion: 278 Resp: 780678

Ion Ratio Lower Upper

278 100

139 11.3 9.8 14.8

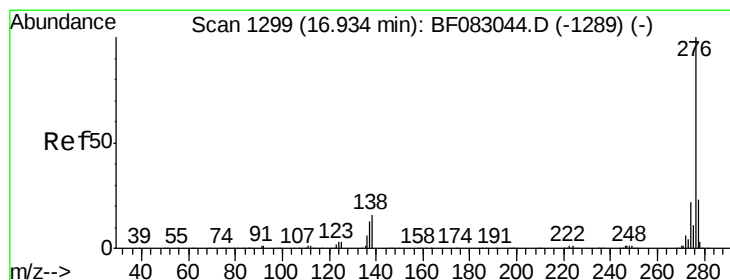
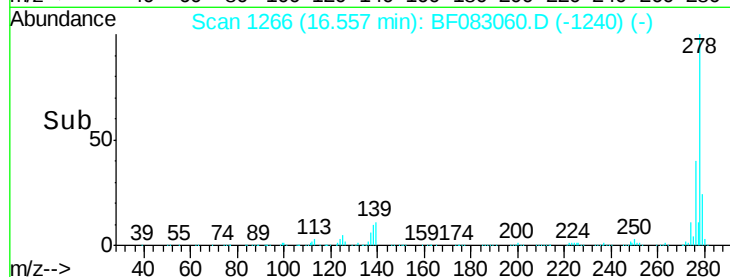
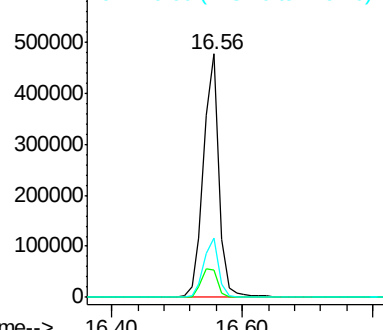
279 24.3 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 47.45 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF083060.D

Acq: 20 Nov 2015 3:55

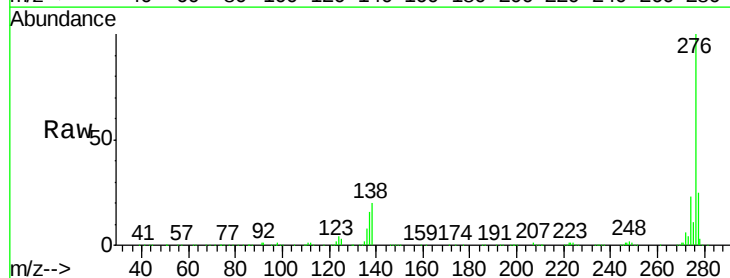
Tgt Ion: 276 Resp: 765164

Ion Ratio Lower Upper

276 100

277 24.9 18.6 27.8

138 19.5 12.5 18.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

