

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083061.D
 Acq On : 20 Nov 2015 4:24
 Operator : UM/IZ
 Sample : G4436-11MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

Quant Time: Nov 20 07:06:23 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	140516	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	512078	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	273210	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	497744	20.00	ng	0.00
75) Chrysene-d12	13.86	240	460181	20.00	ng	0.00
86) Perylene-d12	15.23	264	410997	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1098232	121.39	ng	0.03
7) Phenol-d6	6.36	99	1296934	108.84	ng	0.01
23) Nitrobenzene-d5	7.28	82	1087559	97.23	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	352443	121.50	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1584360	78.10	ng	-0.01
78) Terphenyl-d14	12.81	244	1628978	83.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	142766	34.80	ng	98
3) Pyridine	3.00	79	301323	27.10	ng	98
4) n-Nitrosodimethylamine	2.91	42	216059	38.41	ng	97
6) Aniline	6.36	93	206801	12.69	ng	# 54
8) 2-Chlorophenol	6.50	128	388693	38.52	ng	84
9) Benzaldehyde	6.25	77	233091	37.86	ng	82
10) Phenol	6.37	94	511626	36.85	ng	92
11) bis(2-Chloroethyl)ether	6.44	93	453976	45.00	ng	98
12) 1,3-Dichlorobenzene	6.65	146	399765	35.39	ng	98
13) 1,4-Dichlorobenzene	6.72	146	386463	33.78	ng	98
14) 1,2-Dichlorobenzene	6.88	146	412297	39.00	ng	98
15) Benzyl Alcohol	6.85	79	395594	40.35	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	644138	40.96	ng	87
17) 2-Methylphenol	6.98	107	339621	40.31	ng	98
18) Hexachloroethane	7.22	117	150403	35.77	ng	# 89
19) n-Nitroso-di-n-propylamine	7.13	70	324975	37.32	ng	99
20) 3+4-Methylphenols	7.14	107	443214	40.35	ng	98
22) Acetophenone	7.12	105	606197	42.26	ng	98
24) Nitrobenzene	7.29	77	449383	39.83	ng	99
25) Isophorone	7.54	82	907441	43.01	ng	98
26) 2-Nitrophenol	7.61	139	205511	41.65	ng	95
27) 2,4-Dimethylphenol	7.66	122	379705	46.57	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	558152	47.22	ng	99
29) 2,4-Dichlorophenol	7.86	162	369794	46.79	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	374510	42.78	ng	98
31) Naphthalene	8.01	128	1113806	41.75	ng	99
32) Benzoic acid	7.80	122	203739	41.08	ng	97
33) 4-Chloroaniline	8.06	127	125651	10.83	ng	92
34) Hexachlorobutadiene	8.14	225	217598	39.78	ng	98
35) Caprolactam	8.44	113	56315	22.41	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	410297	44.90	ng	93
37) 2-Methylnaphthalene	8.70	142	756331	42.58	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	375950	41.73	ng	100
40) Hexachlorocyclopentadiene	8.86	237	344835	82.14	ng	99

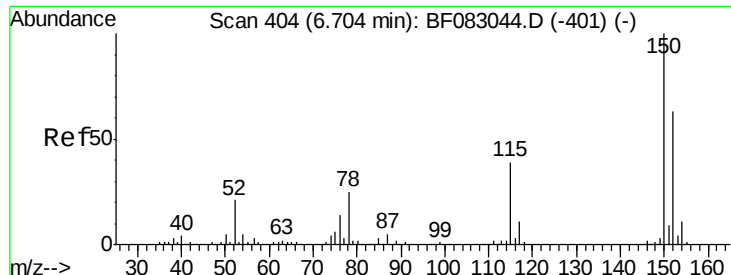
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	261401	39.99	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	282828	43.39	ng	99
45) 1,1'-Biphenyl	9.17	154	986767	41.05	ng	99
46) 2-Chloronaphthalene	9.20	162	796076	43.53	ng	97
47) 2-Nitroaniline	9.29	65	255832	37.08	ng	94
48) Acenaphthylene	9.61	152	1198374	39.81	ng	99
49) Dimethylphthalate	9.48	163	885538	39.38	ng	100
50) 2,6-Dinitrotoluene	9.54	165	219771	45.34	ng	97
51) Acenaphthene	9.78	154	746823	39.25	ng	99
52) 3-Nitroaniline	9.70	138	93467	16.90	ng	93
53) 2,4-Dinitrophenol	9.81	184	226969	91.89	ng	# 72
54) Dibenzofuran	9.95	168	1008136	39.54	ng	100
55) 4-Nitrophenol	9.88	139	269658	71.05	ng	# 73
56) 2,4-Dinitrotoluene	9.94	165	249514	38.46	ng	89
57) Fluorene	10.29	166	860864	41.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	239803	45.51	ng	99
59) Diethylphthalate	10.18	149	855834	39.03	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	409474	42.62	ng	96
61) 4-Nitroaniline	10.32	138	183553	32.50	ng	96
62) Azobenzene	10.44	77	1051319	42.80	ng	83
64) 4,6-Dinitro-2-methylphenol	10.35	198	153899	48.50	ng	80
65) n-Nitrosodiphenylamine	10.41	169	682916	39.15	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	234965	40.76	ng	97
67) Hexachlorobenzene	10.84	284	274485	43.53	ng	95
68) Atrazine	10.94	200	255512	46.76	ng	96
69) Pentachlorophenol	11.04	266	286540	89.04	ng	98
70) Phenanthrene	11.25	178	1340765	44.65	ng	99
71) Anthracene	11.30	178	1222984	40.43	ng	100
72) Carbazole	11.46	167	1245438	47.10	ng	99
73) Di-n-butylphthalate	11.80	149	1464194	43.91	ng	100
74) Fluoranthene	12.43	202	1281318	40.94	ng	100
76) Benzidine	12.56	184	398833	26.49	ng	97
77) Pyrene	12.66	202	1411159	43.56	ng	100
79) Butylbenzylphthalate	13.29	149	577610	40.35	ng	99
80) Benzo(a)anthracene	13.85	228	1241400	42.45	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	217482	22.09	ng	# 98
82) Chrysene	13.88	228	1077474	40.18	ng	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	849332	45.38	ng	100
84) Di-n-octyl phthalate	14.47	149	1378123	45.19	ng	98
85) Indeno(1,2,3-cd)pyrene	16.53	276	998789	45.78	ng	100
87) Benzo(b)fluoranthene	14.89	252	2186413	76.08	ng	# 96
88) Benzo(k)fluoranthene	14.89	252	2187272	99.91	ng	100
89) Benzo(a)pyrene	15.19	252	1023781	44.39	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	850797	42.39	ng	98
91) Benzo(g,h,i)perylene	16.92	276	784274	40.06	ng	96

(#) = 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

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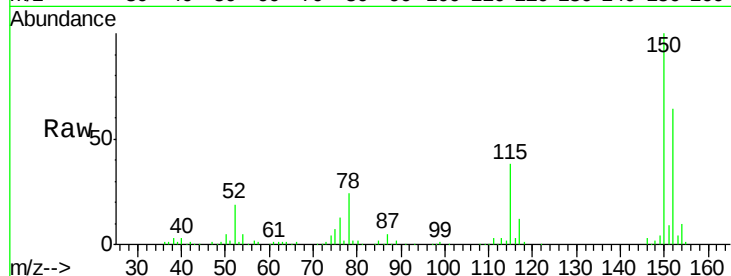
Tgt Ion:152 Resp: 140516

Ion Ratio Lower Upper

152 100

150 157.2 126.4 189.6

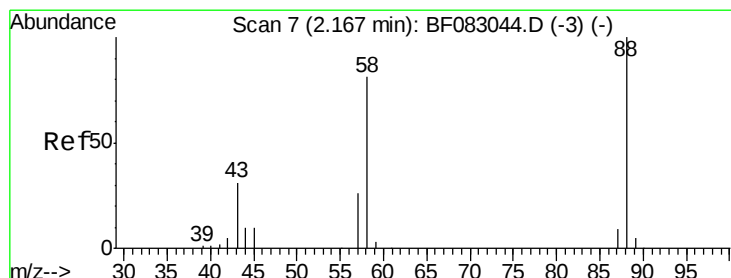
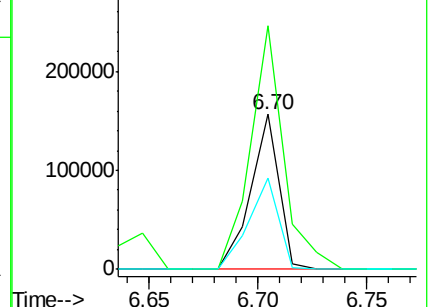
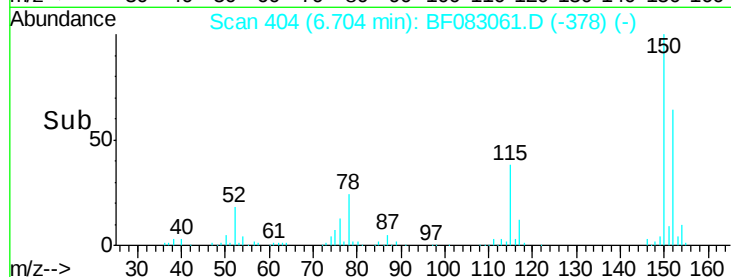
115 59.3 49.0 73.6



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: 34.80 ng

RT: 2.35 min Scan# 23

Delta R.T. 0.18 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

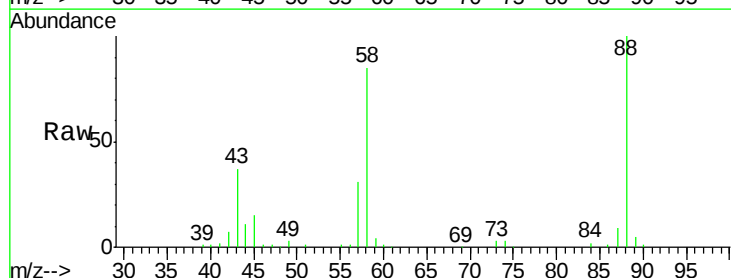
Tgt Ion: 88 Resp: 142766

Ion Ratio Lower Upper

88 100

58 80.0 64.8 97.2

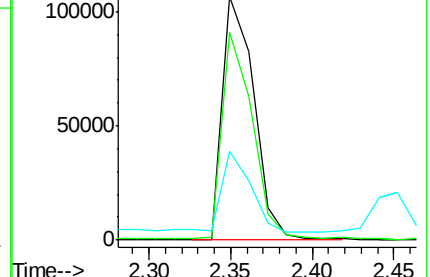
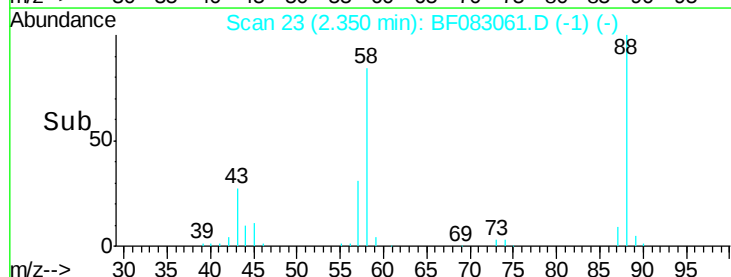
43 30.0 26.2 39.4

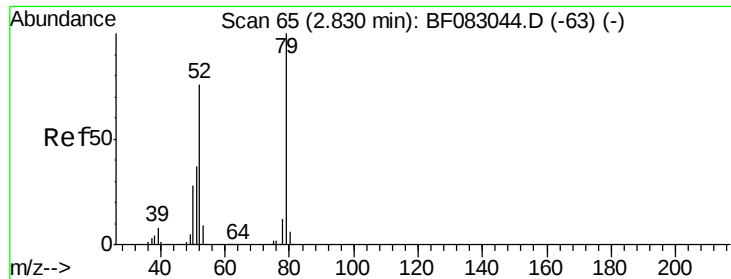


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.10 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.17 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

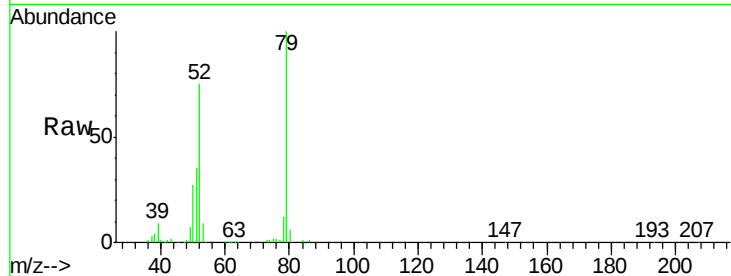
Tgt Ion: 79 Resp: 301323

Ion Ratio Lower Upper

79 100

52 74.7 61.0 91.4

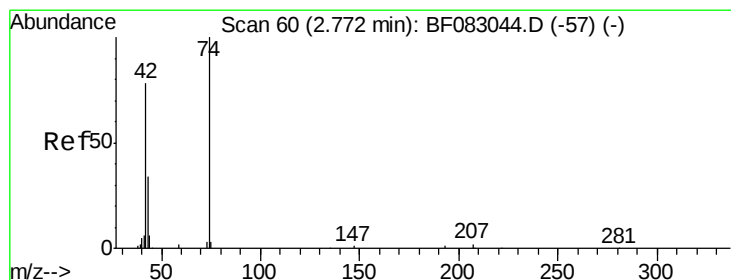
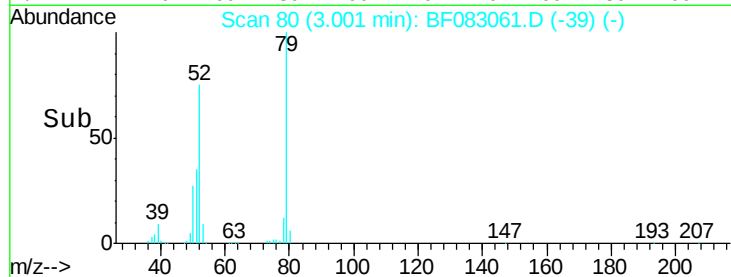
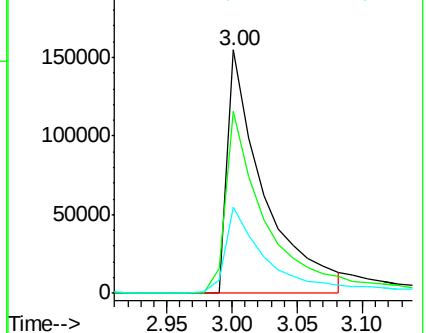
51 35.4 30.0 45.0



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: 38.41 ng

RT: 2.91 min Scan# 72

Delta R.T. 0.14 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

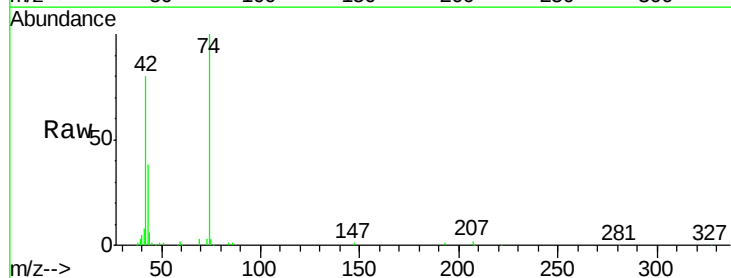
Tgt Ion: 42 Resp: 216059

Ion Ratio Lower Upper

42 100

74 124.7 102.4 153.6

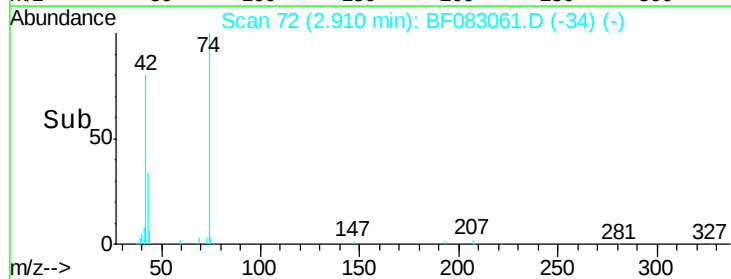
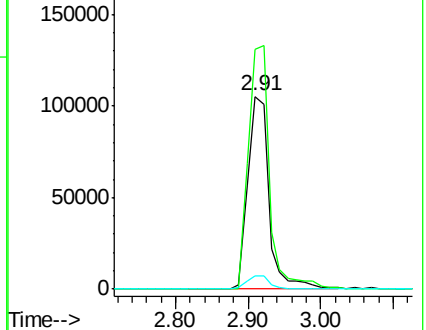
44 7.2 5.8 8.8

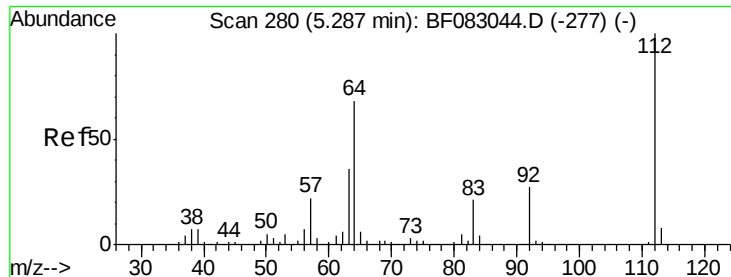


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.39 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.03 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

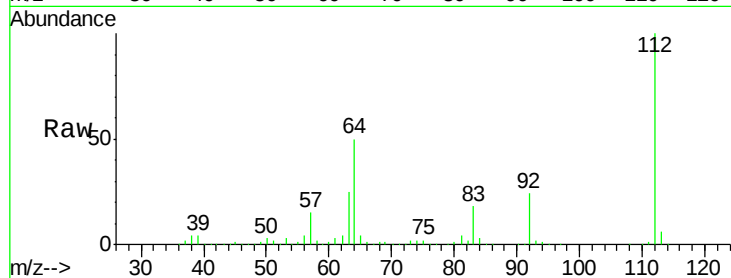
Tgt Ion: 112 Resp: 1098232

Ion Ratio Lower Upper

112 100

64 49.7 54.8 82.2#

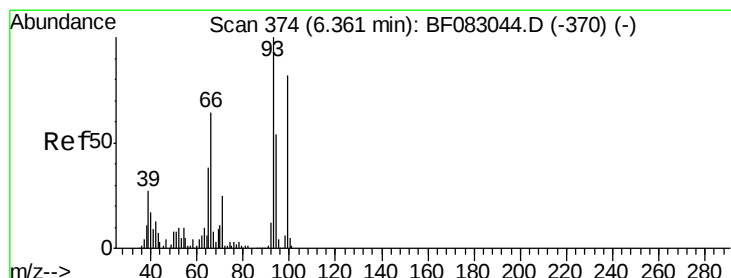
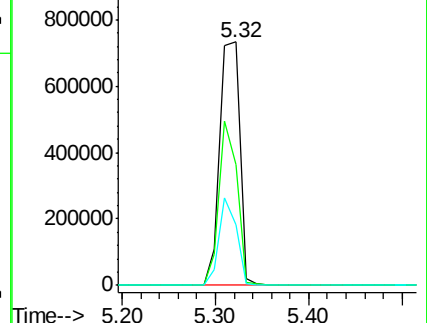
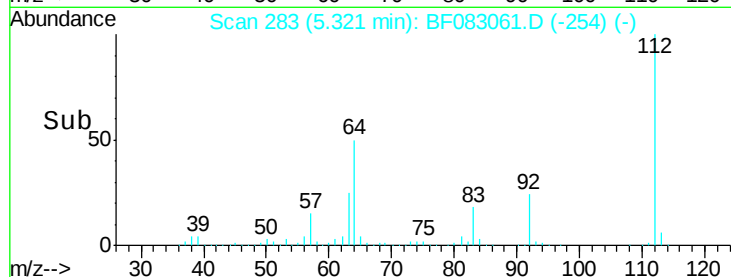
63 25.1 29.0 43.4#



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: 12.69 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

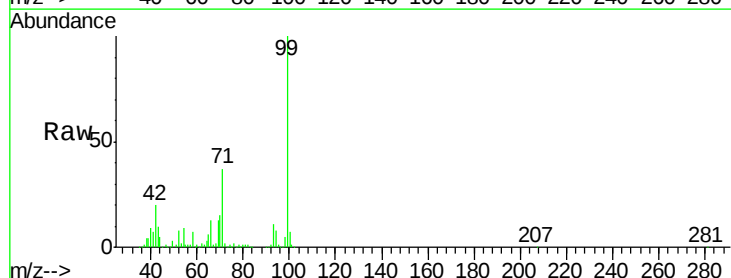
Tgt Ion: 93 Resp: 206801

Ion Ratio Lower Upper

93 100

66 112.4 51.4 77.2#

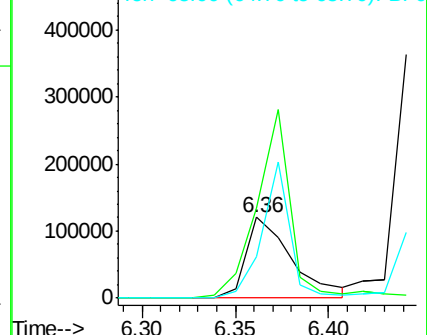
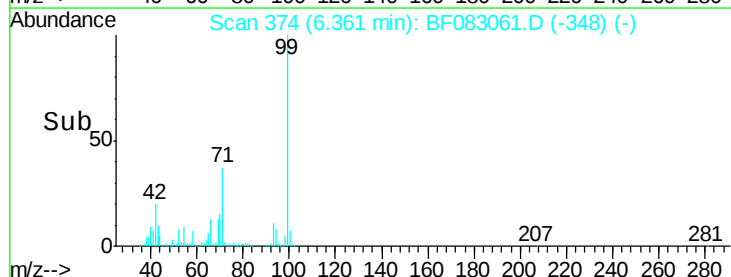
65 50.6 30.7 46.1#

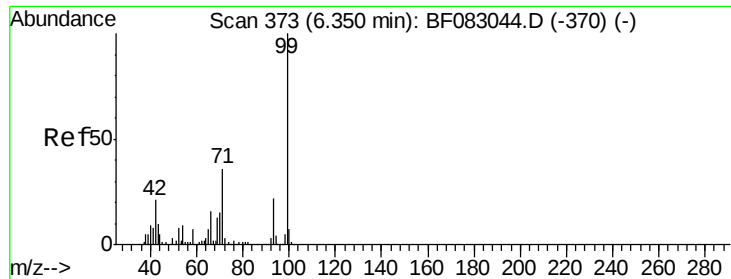


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.84 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

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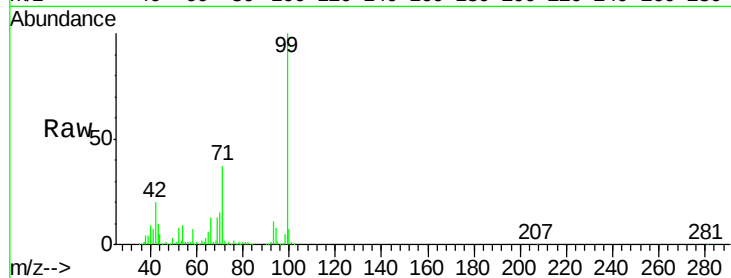
Tgt Ion: 99 Resp: 1296934

Ion Ratio Lower Upper

99 100

42 19.9 16.6 25.0

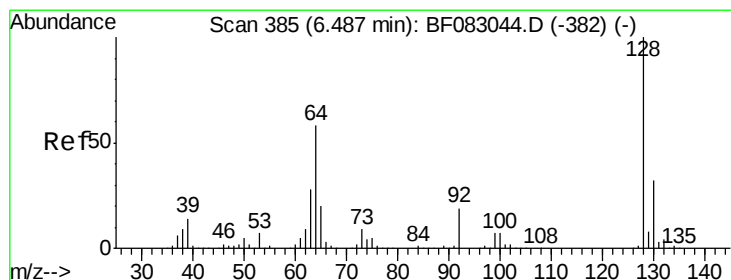
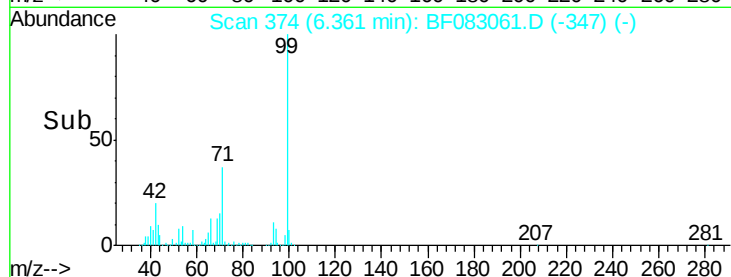
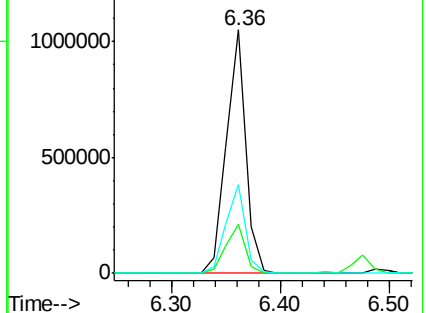
71 36.6 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.52 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

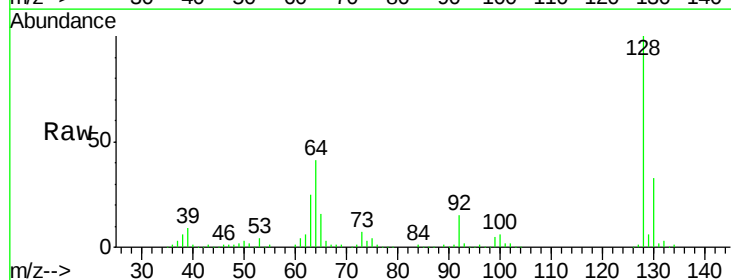
Tgt Ion: 128 Resp: 388693

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

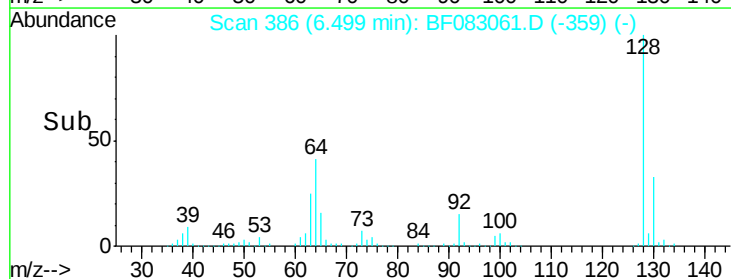
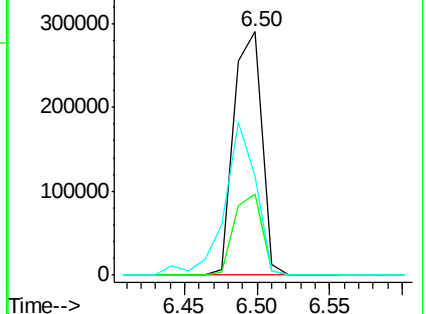
64 40.9 38.3 78.3

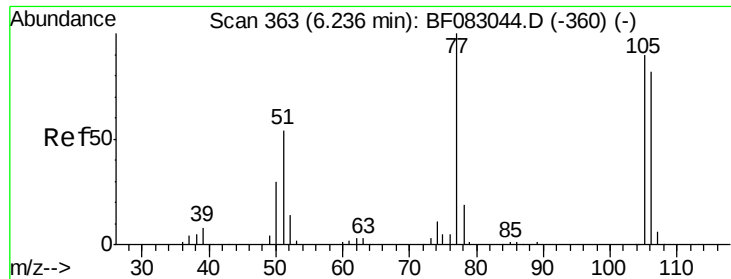


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

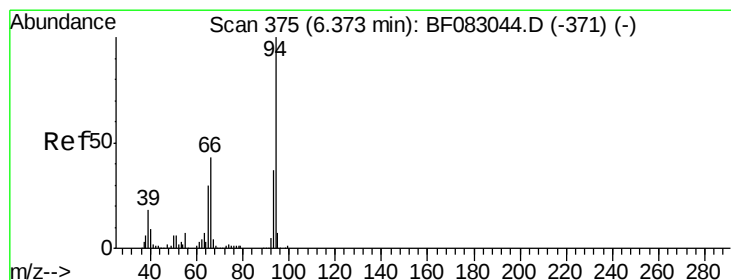
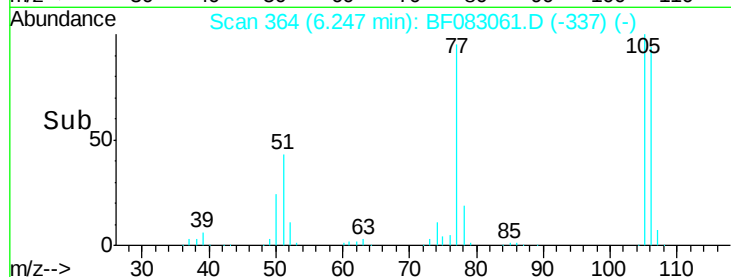
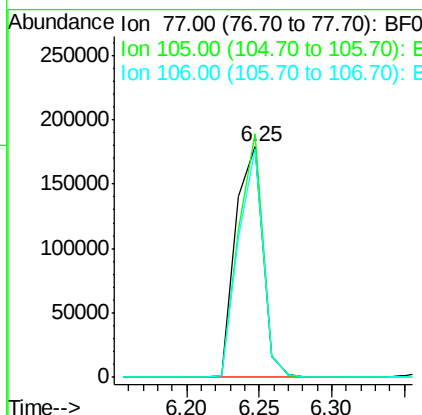
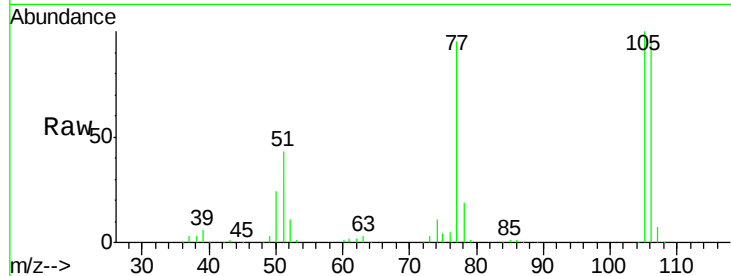




#9
Benzaldehyde
Concen: 37.86 ng
RT: 6.25 min Scan# 364
Delta R.T. 0.01 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

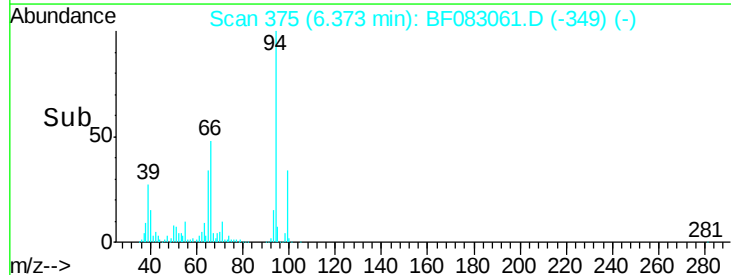
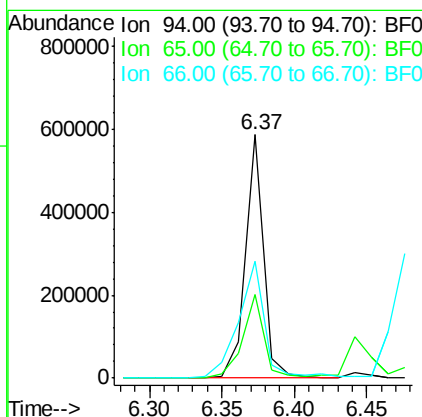
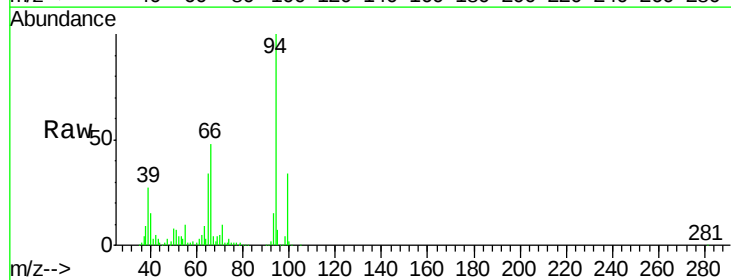
Instrument :
BNA_F
ClientSampleId :
PM-1350MSD

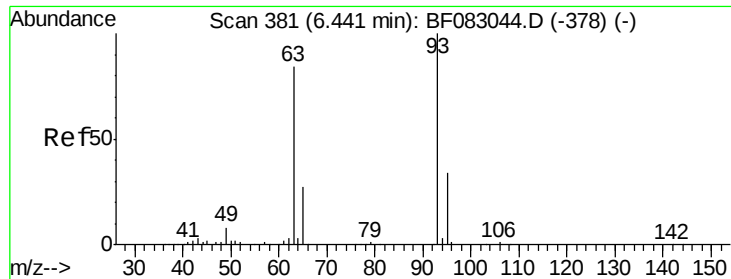
Tgt Ion: 77 Resp: 233091
Ion Ratio Lower Upper
77 100
105 105.6 69.6 109.6
106 98.9 62.0 102.0



#10
Phenol
Concen: 36.85 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Tgt Ion: 94 Resp: 511626
Ion Ratio Lower Upper
94 100
65 34.4 10.1 50.1
66 47.9 23.2 63.2

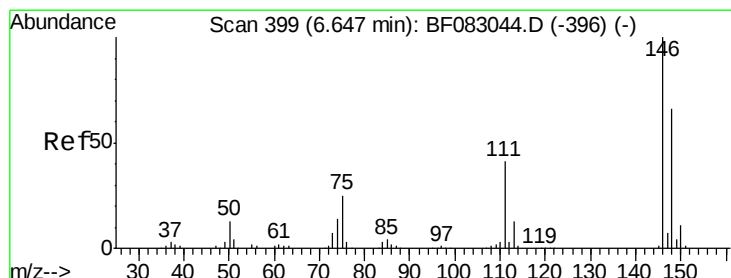
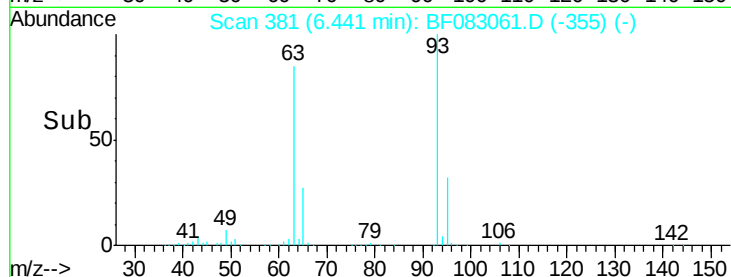
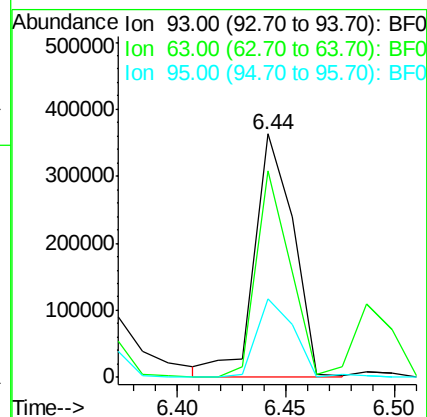
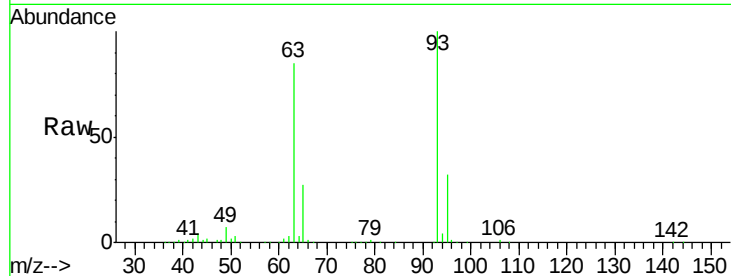




#11
bis(2-Chloroethyl)ether
Concen: 45.00 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

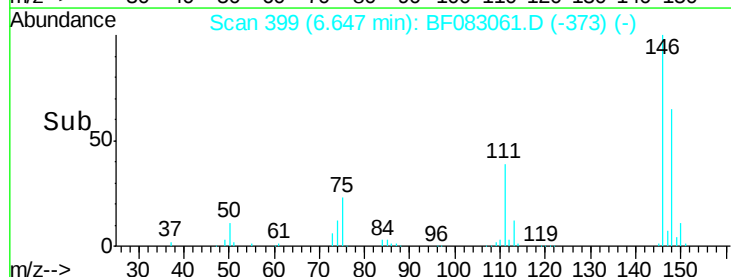
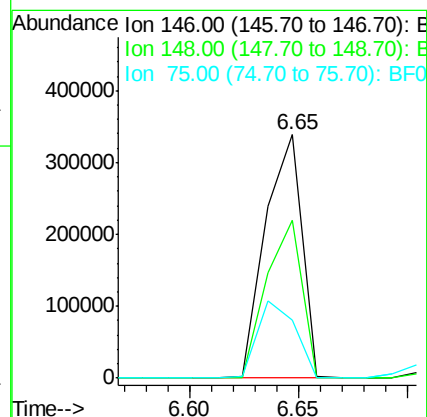
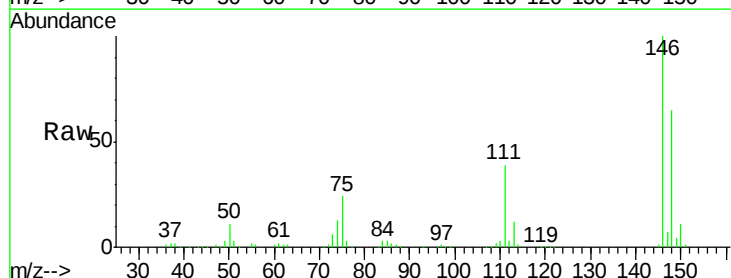
Instrument :
BNA_F
ClientSampleId :
PM-1350MSD

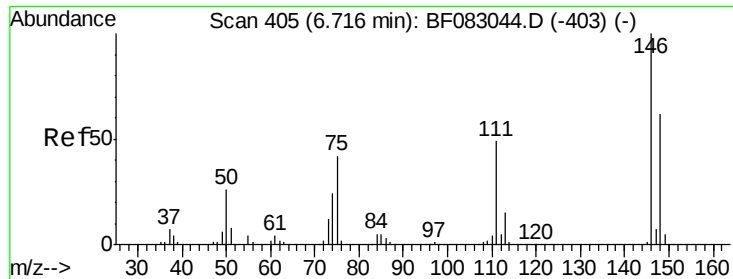
Tgt Ion: 93 Resp: 453976
Ion Ratio Lower Upper
93 100
63 84.8 63.6 103.6
95 32.3 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 35.39 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Tgt Ion: 146 Resp: 399765
Ion Ratio Lower Upper
146 100
148 64.9 52.8 79.2
75 23.6 20.3 30.5

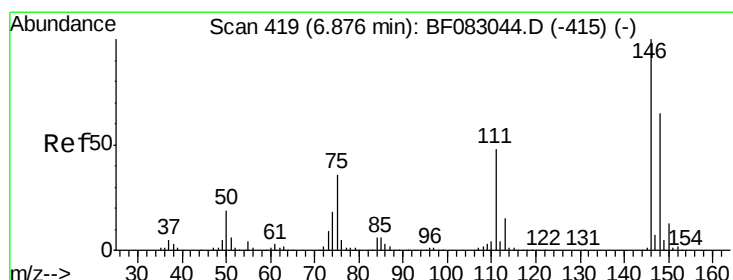
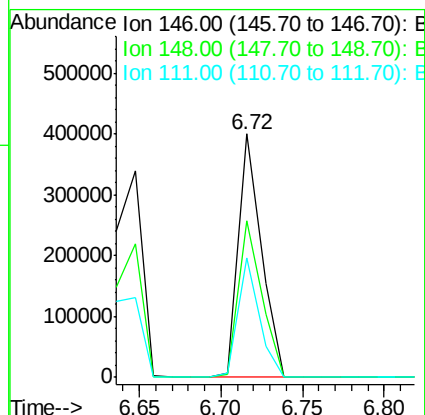
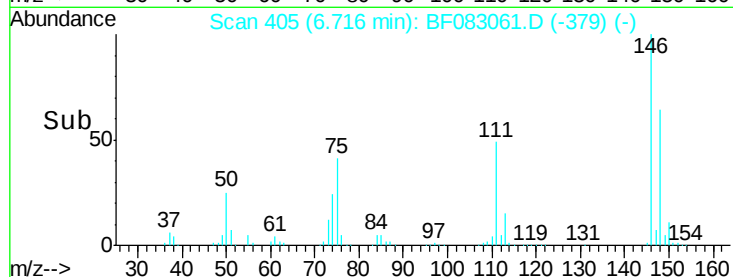
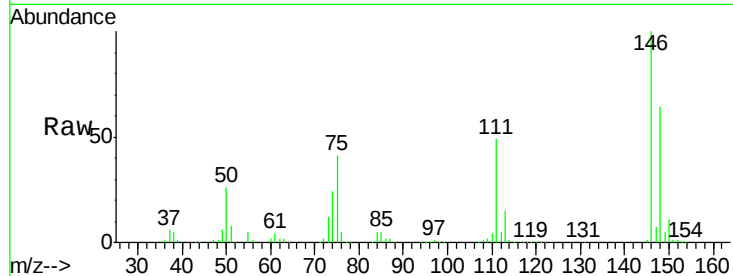




#13
 1,4-Dichlorobenzene
 Concen: 33.78 ng
 RT: 6.72 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

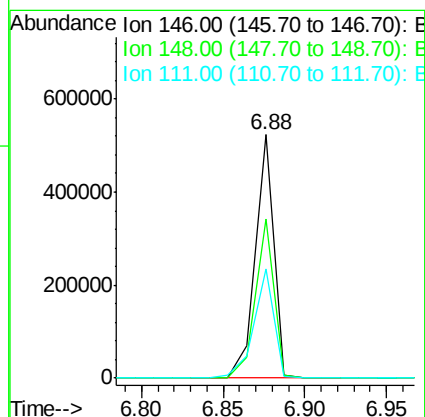
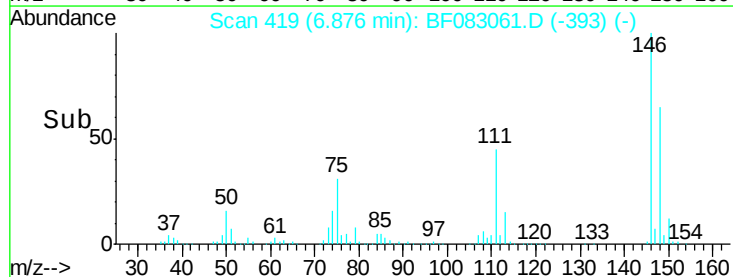
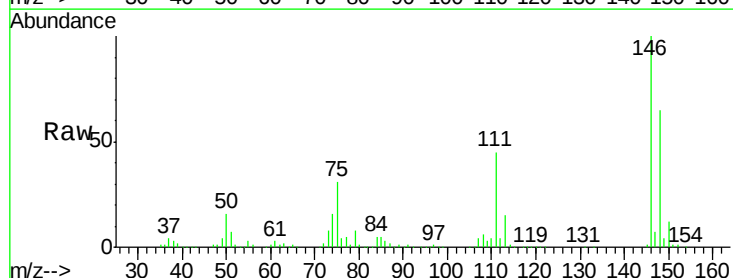
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

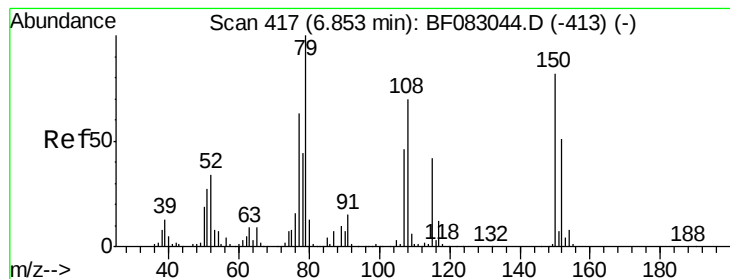
Tgt Ion:146 Resp: 386463
 Ion Ratio Lower Upper
 146 100
 148 64.3 49.6 74.4
 111 49.2 39.0 58.6



#14
 1,2-Dichlorobenzene
 Concen: 39.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion:146 Resp: 412297
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.8 77.6
 111 44.8 38.2 57.2





#15

Benzyl Alcohol

Concen: 40.35 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

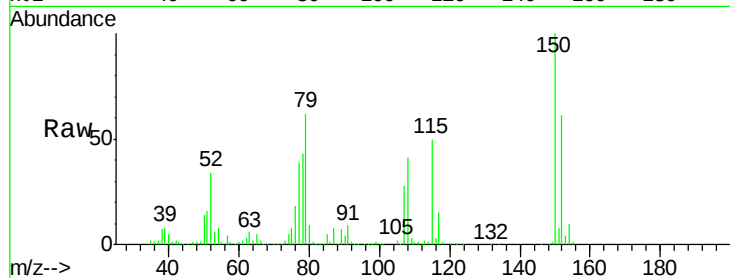
Tgt Ion: 79 Resp: 395594

Ion Ratio Lower Upper

79 100

108 66.7 55.7 83.5

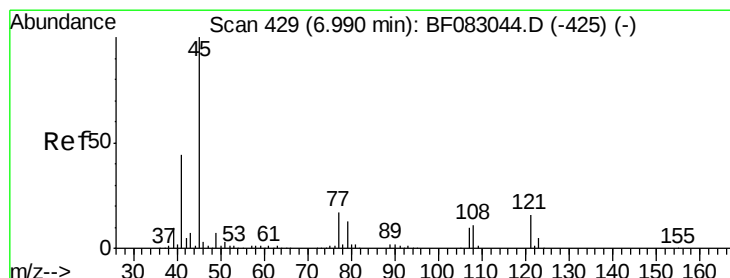
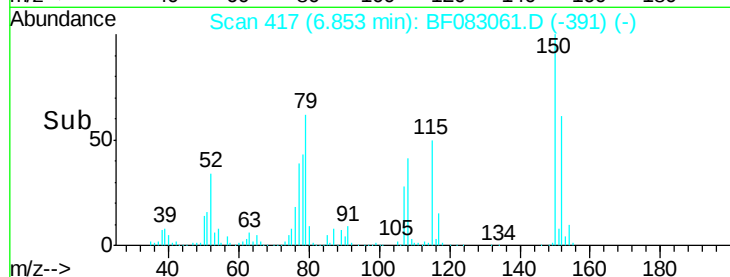
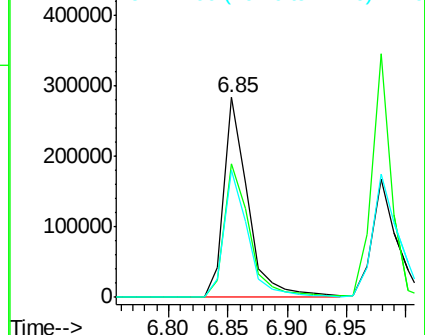
77 63.4 50.7 76.1



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: 40.96 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

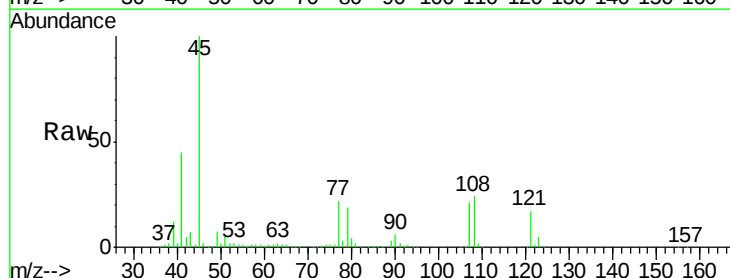
Tgt Ion: 45 Resp: 644138

Ion Ratio Lower Upper

45 100

77 21.8 0.0 36.7

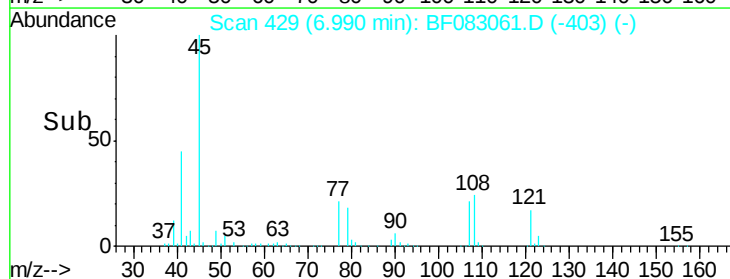
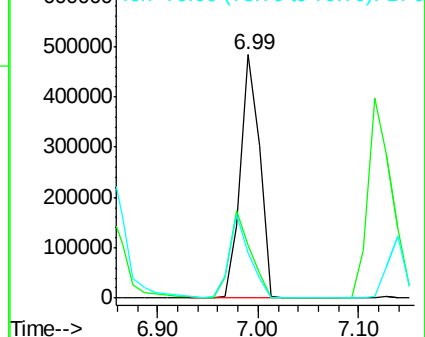
79 18.8 0.0 33.0

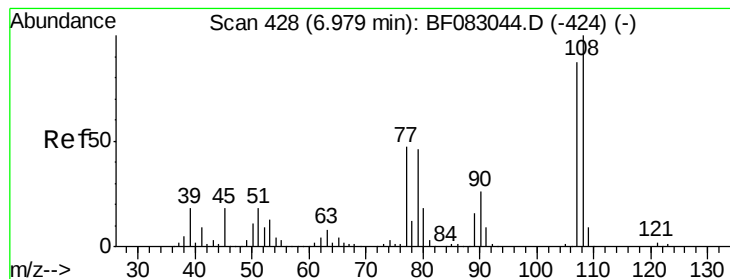


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.31 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

Tgt Ion:107 Resp: 339621

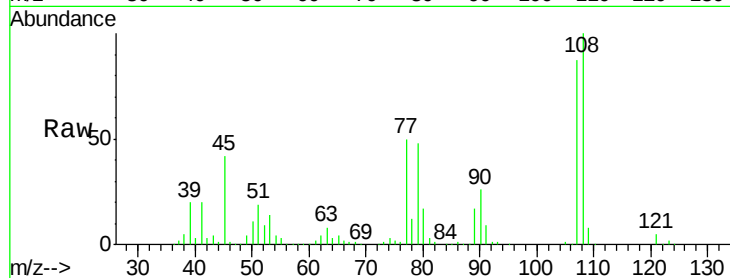
Ion Ratio Lower Upper

107 100

108 114.7 92.3 138.5

77 57.9 43.9 65.9

79 55.4 42.6 64.0

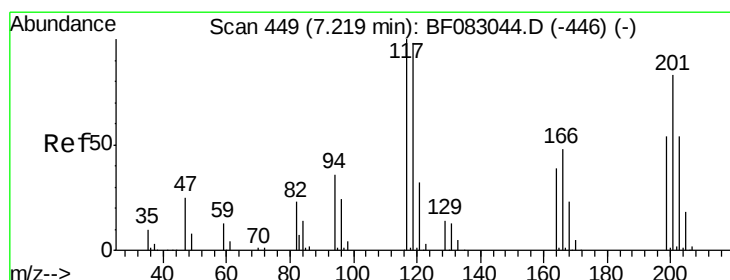
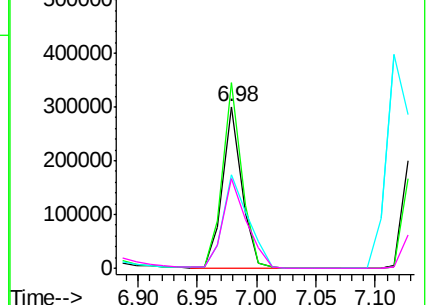
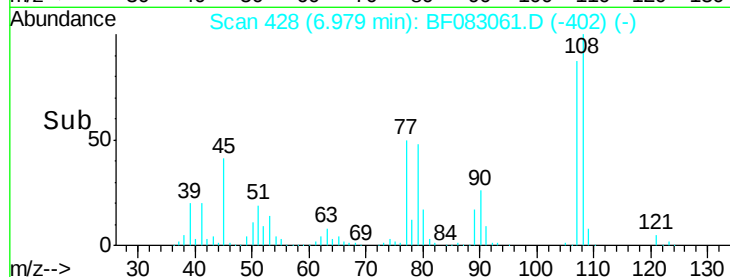


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.77 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

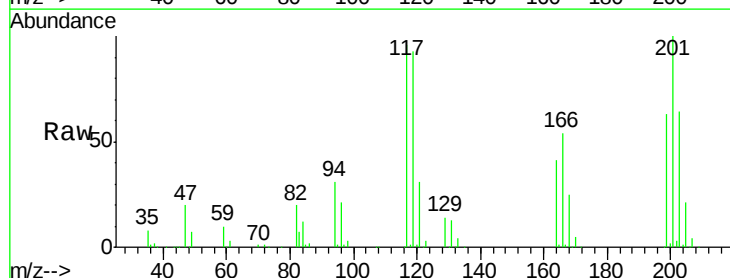
Tgt Ion:117 Resp: 150403

Ion Ratio Lower Upper

117 100

119 97.1 78.3 117.5

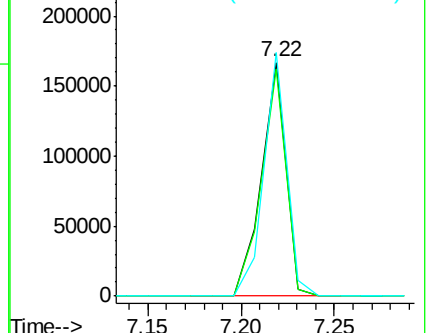
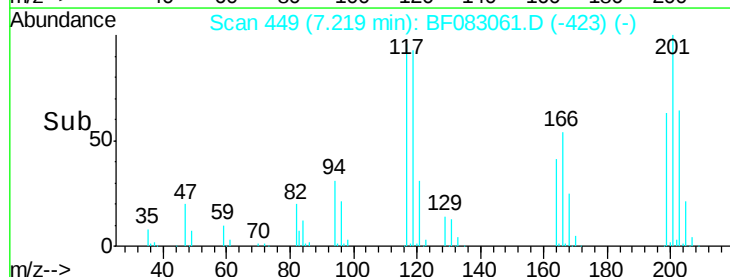
201 104.3 66.5 99.7#

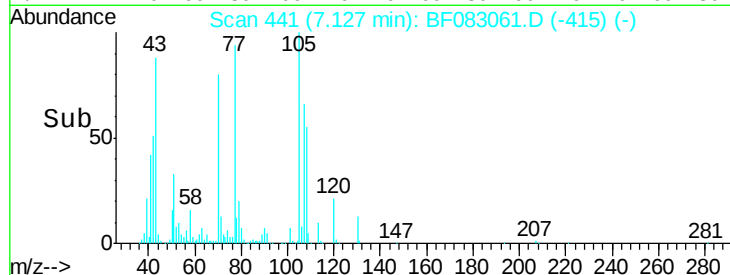
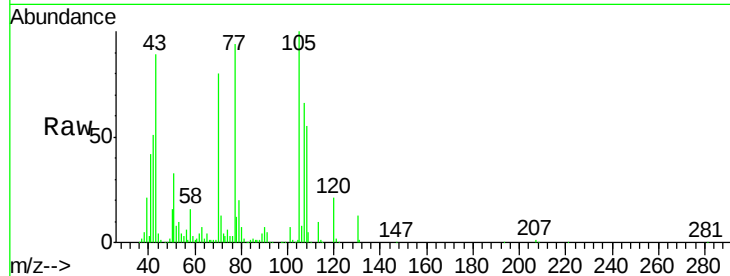
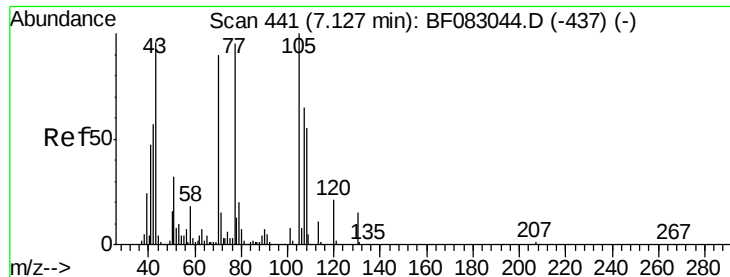


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

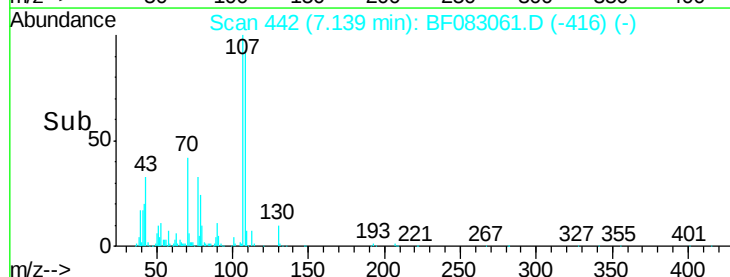
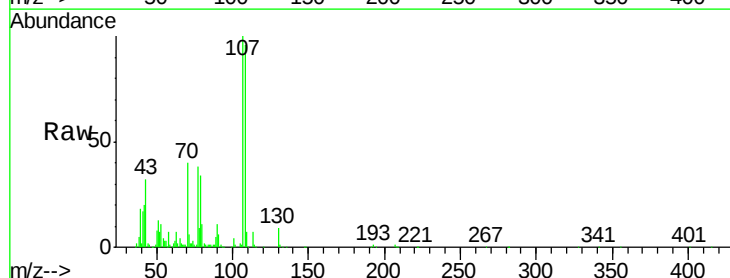
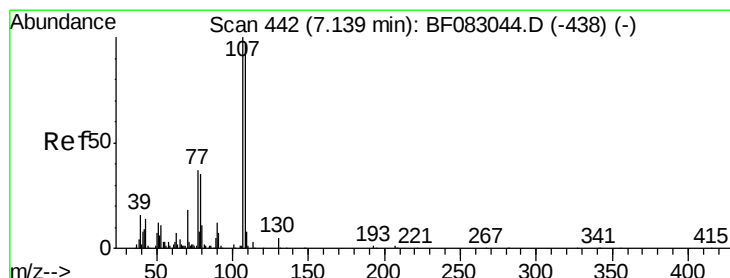
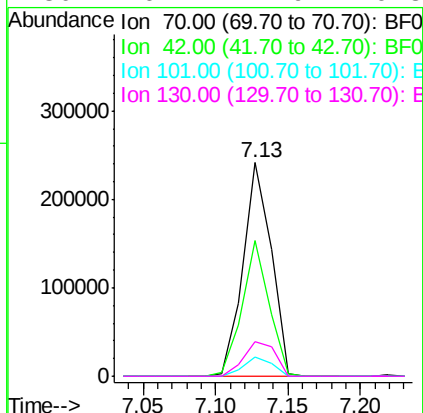




#19
n-Nitroso-di-n-propylamine
Concen: 37.32 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

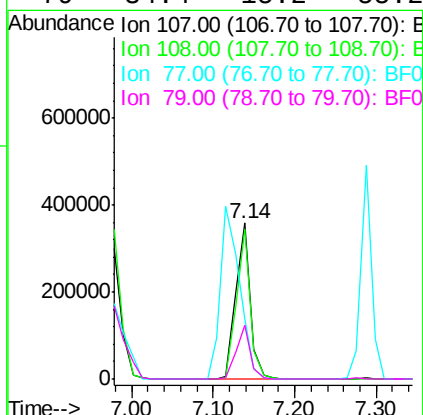
Instrument :
BNA_F
ClientSampleId :
PM-1350MSD

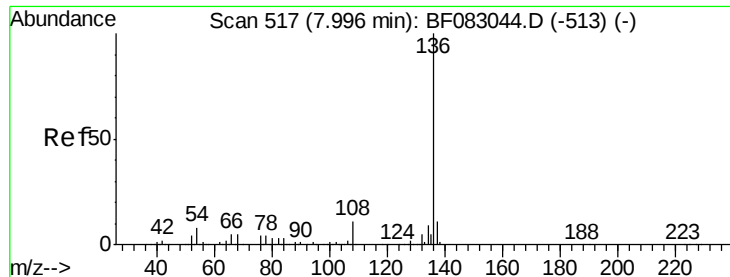
Tgt Ion: 70 Resp: 324975
Ion Ratio Lower Upper
70 100
42 63.6 50.2 75.2
101 9.0 6.8 10.2
130 16.1 12.9 19.3



#20
3+4-Methylphenols
Concen: 40.35 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Tgt Ion: 107 Resp: 443214
Ion Ratio Lower Upper
107 100
108 95.9 77.4 117.4
77 38.4 16.7 56.7
79 34.4 15.2 55.2

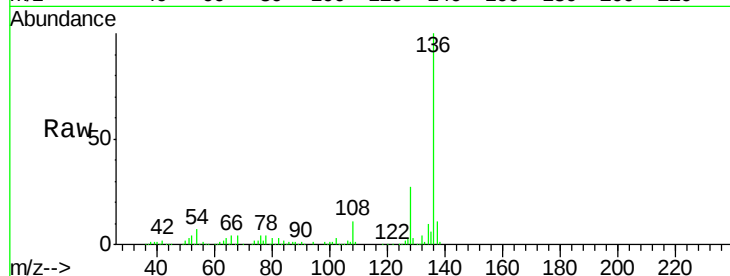




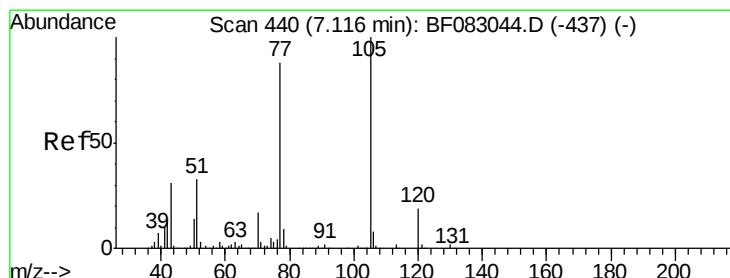
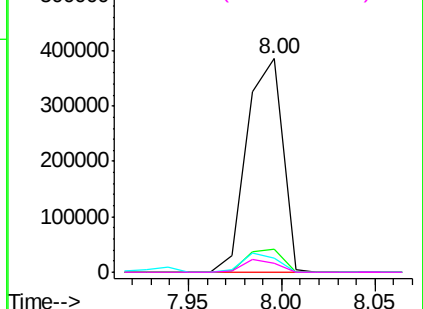
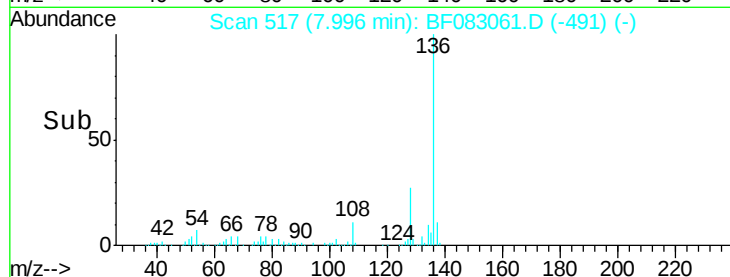
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Instrument :
BNA_F
ClientSampleId :
PM-1350MSD

Tgt Ion:	136	Resp:	512078
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.5	6.2	9.2
68	4.3	4.2	6.2

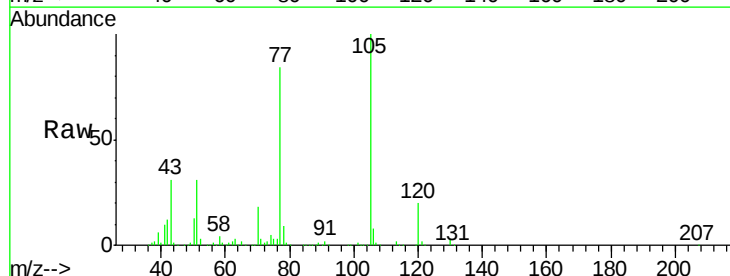


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

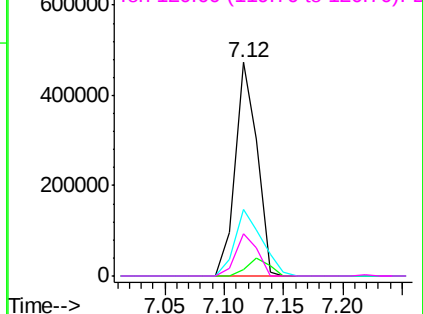
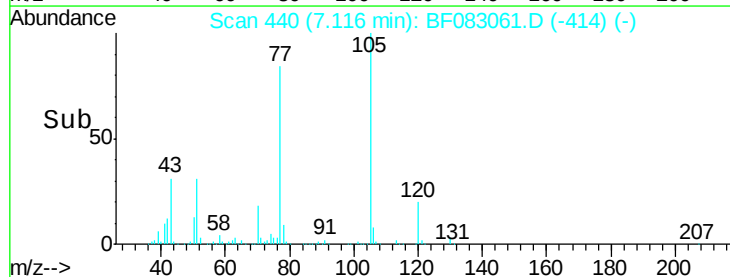


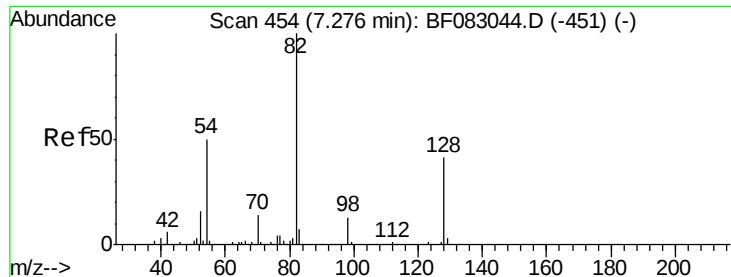
#22
Acetophenone
Concen: 42.26 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Tgt Ion:	105	Resp:	606197
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.3	3.5
51	30.9	26.1	39.1
120	19.5	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

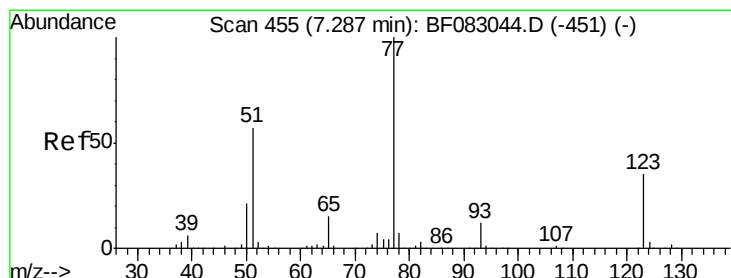
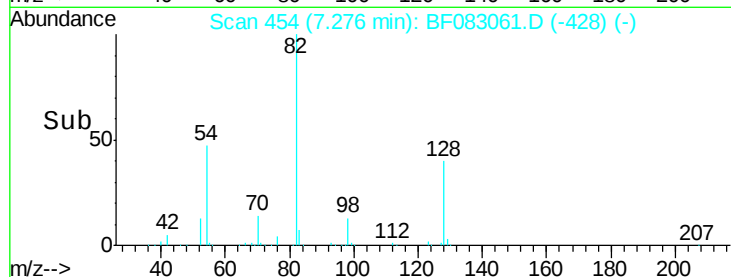
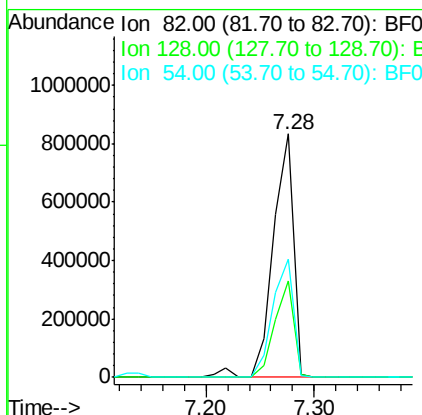
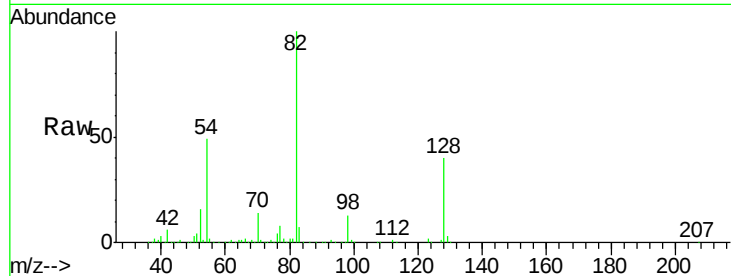




#23
 Nitrobenzene-d5
 Concen: 97.23 ng
 RT: 7.28 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

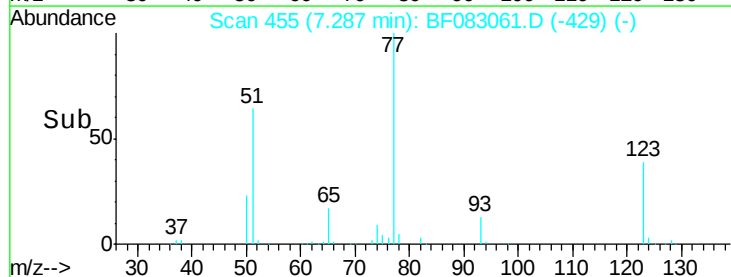
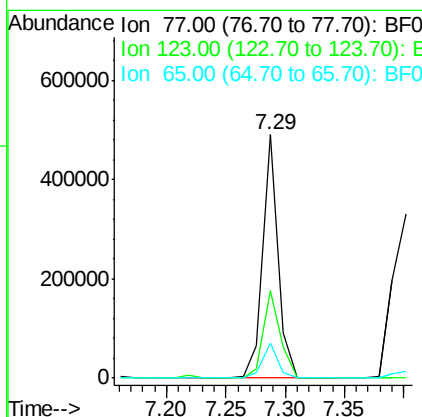
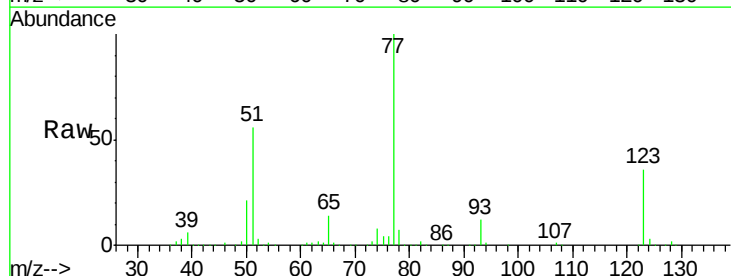
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

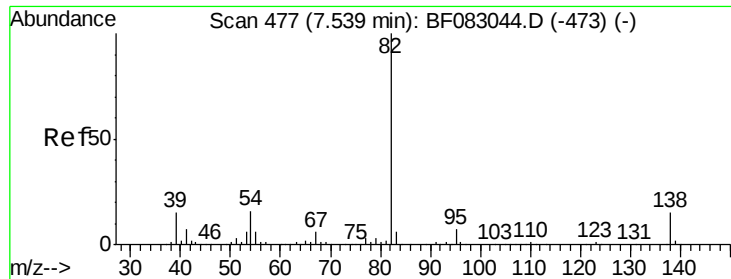
Tgt Ion: 82 Resp: 1087559
 Ion Ratio Lower Upper
 82 100
 128 39.7 33.1 49.7
 54 48.7 39.8 59.6



#24
 Nitrobenzene
 Concen: 39.83 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion: 77 Resp: 449383
 Ion Ratio Lower Upper
 77 100
 123 35.9 28.2 42.4
 65 14.2 11.8 17.8





#25

Isophorone

Concen: 43.01 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

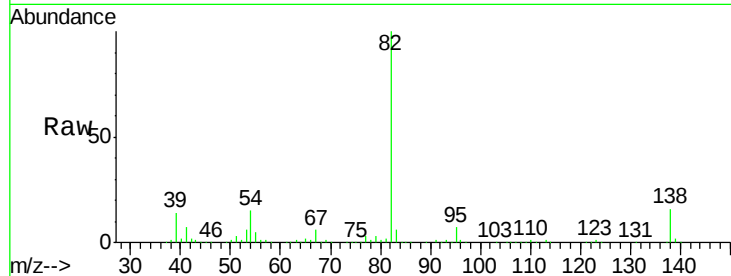
Tgt Ion: 82 Resp: 907441

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

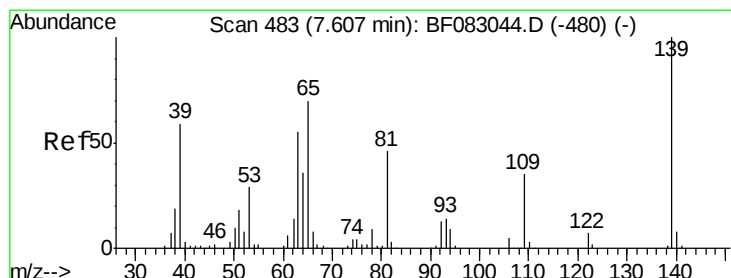
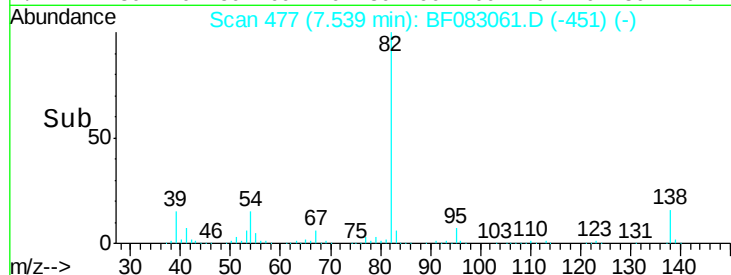
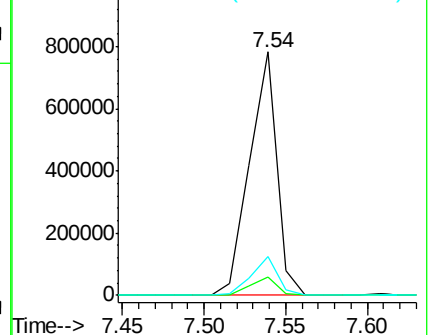
138 16.2 12.2 18.4



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: 41.65 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

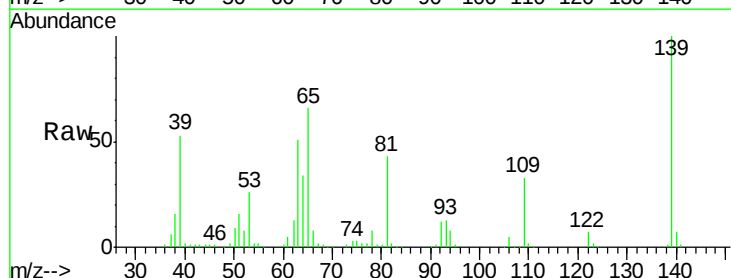
Tgt Ion: 139 Resp: 205511

Ion Ratio Lower Upper

139 100

109 33.0 27.8 41.6

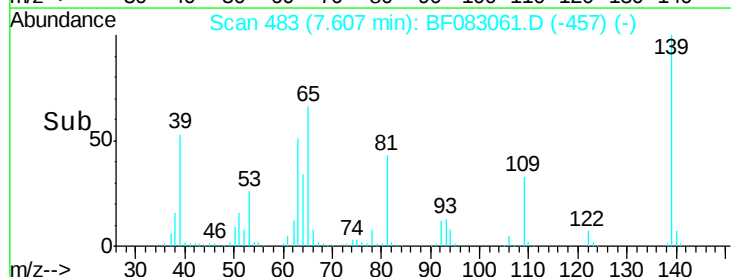
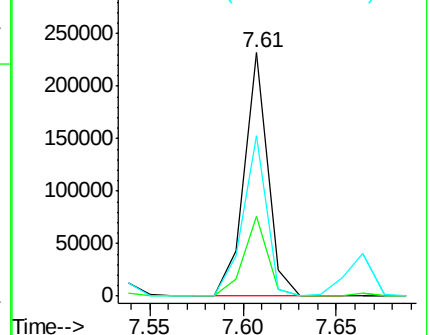
65 66.1 56.4 84.6

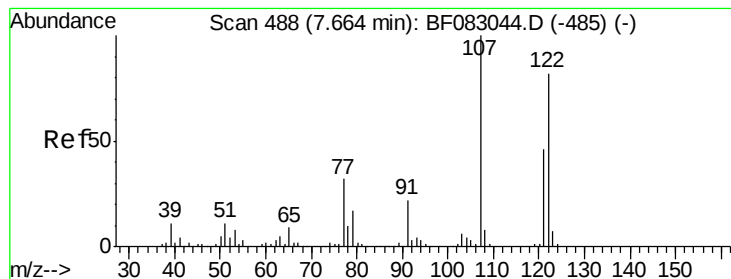


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

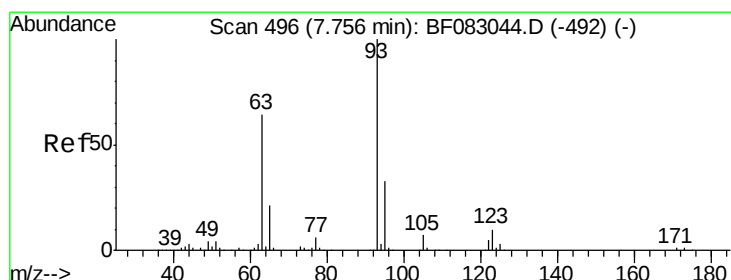
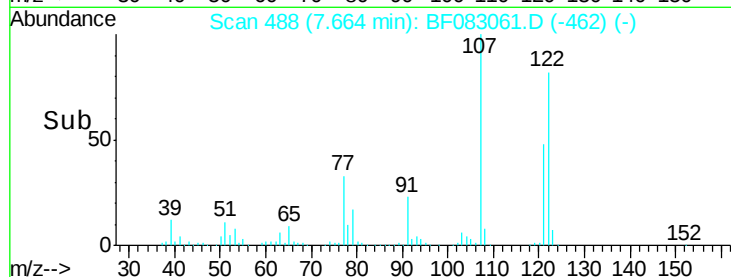
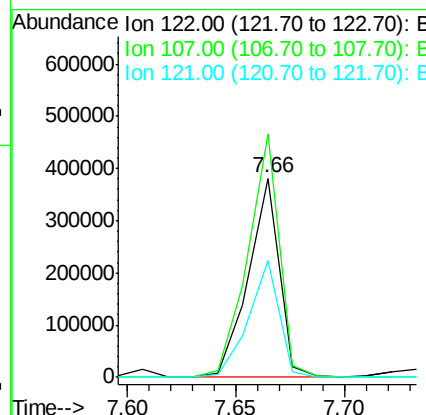
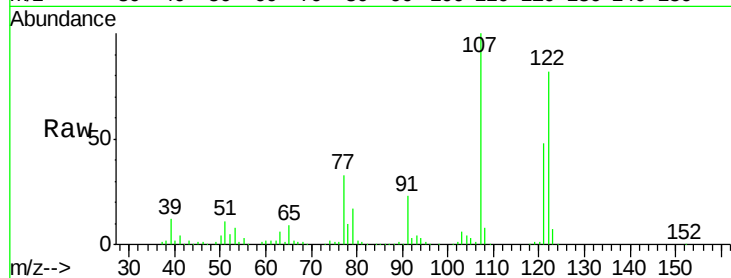




#27
 2,4-Dimethylphenol
 Concen: 46.57 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

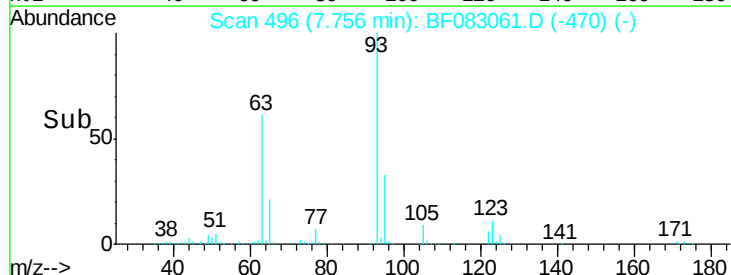
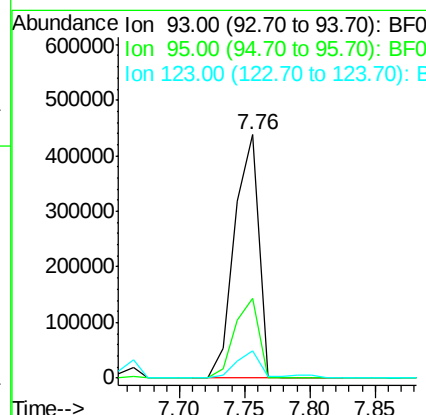
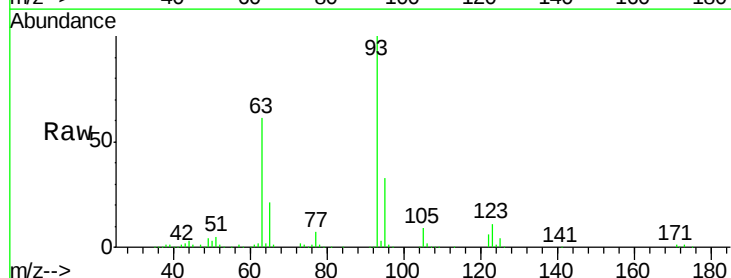
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

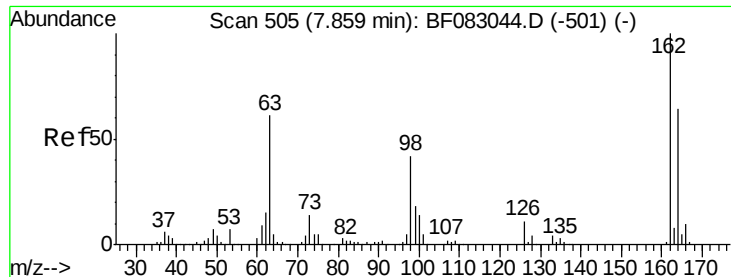
Tgt Ion: 122 Resp: 379705
 Ion Ratio Lower Upper
 122 100
 107 122.1 97.5 146.3
 121 58.8 45.3 67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.22 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion: 93 Resp: 558152
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.2
 123 11.3 8.5 12.7

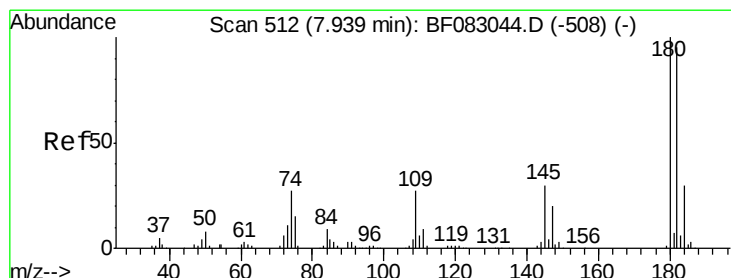
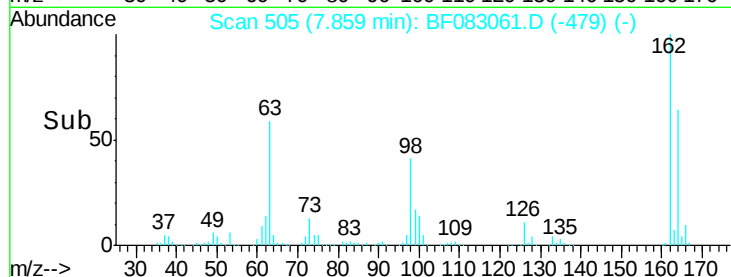
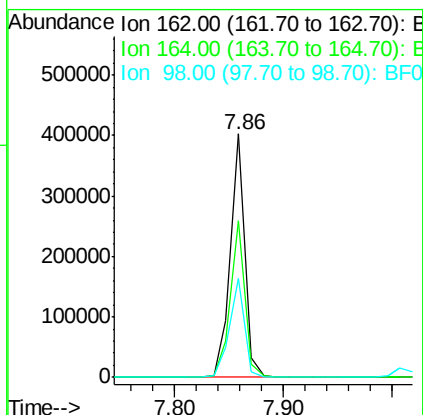
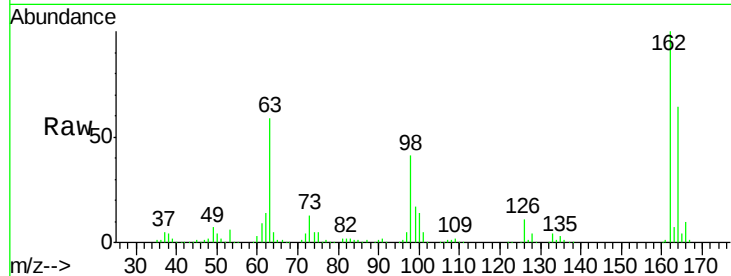




#29
 2,4-Dichlorophenol
 Concen: 46.79 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

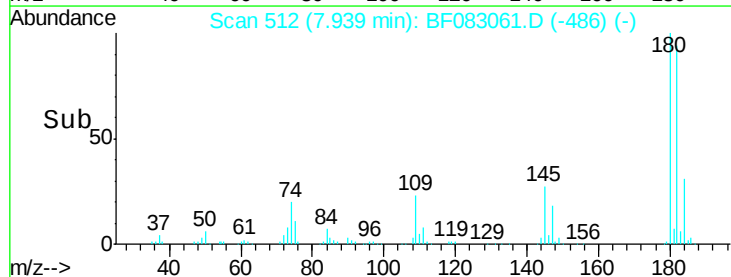
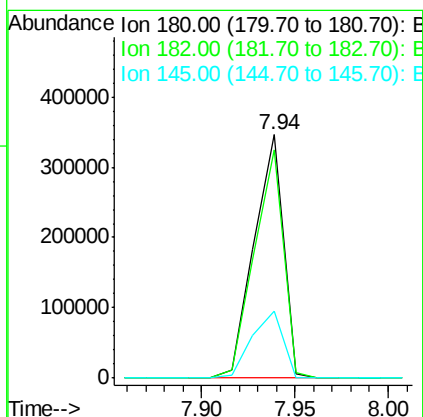
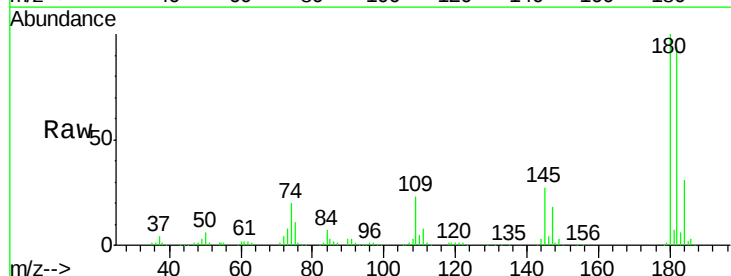
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

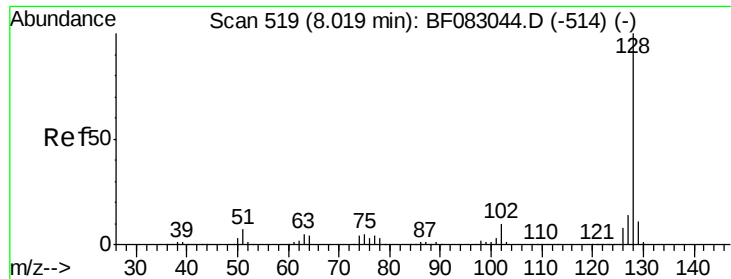
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.1	84.1
98	40.6	21.6	61.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.78 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.2	114.4
145	27.3	24.0	36.0

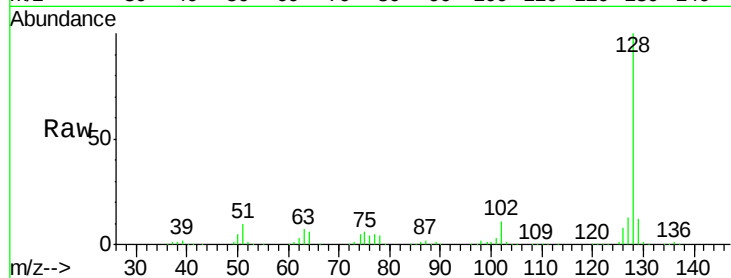




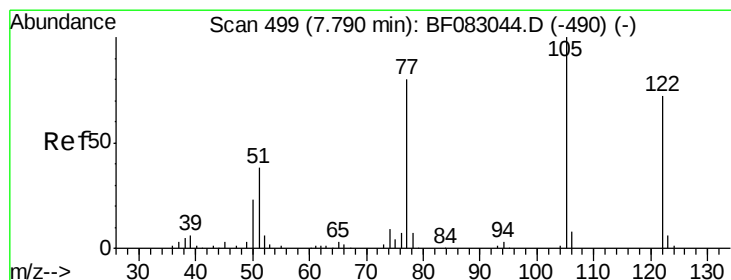
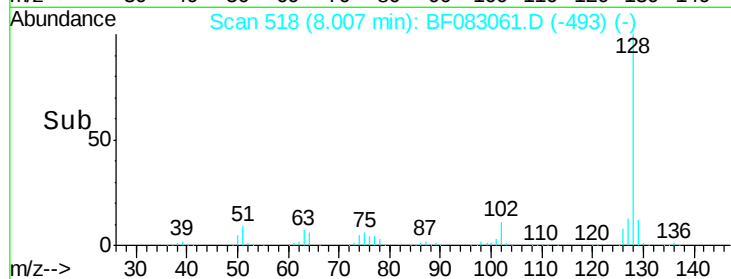
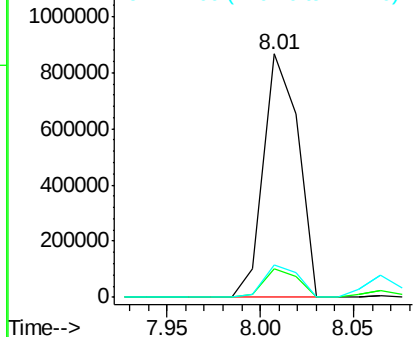
#31
Naphthalene
Concen: 41.75 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Instrument :
BNA_F
ClientSampleId :
PM-1350MSD

Tgt Ion:128 Resp: 1113806
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.2 10.9 16.3

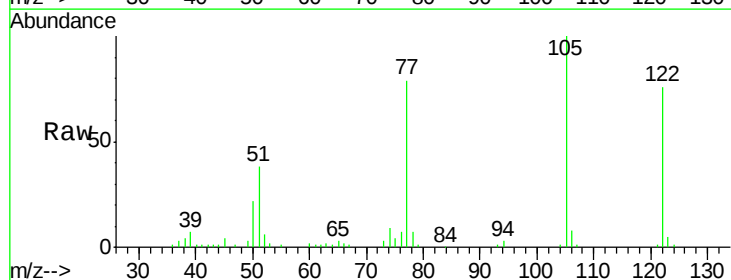


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

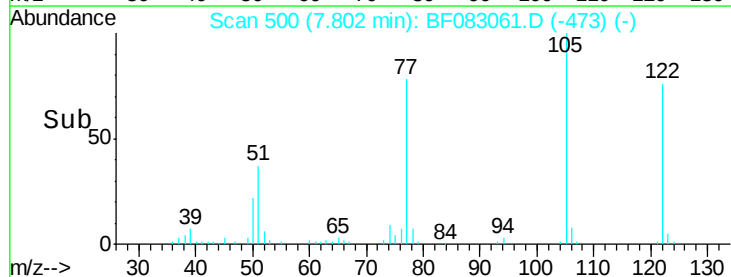
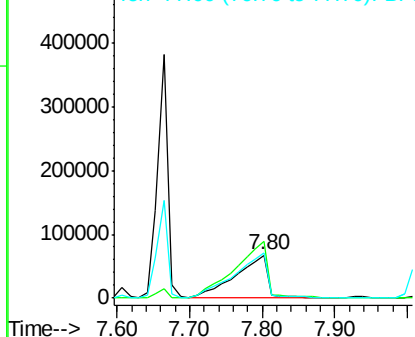


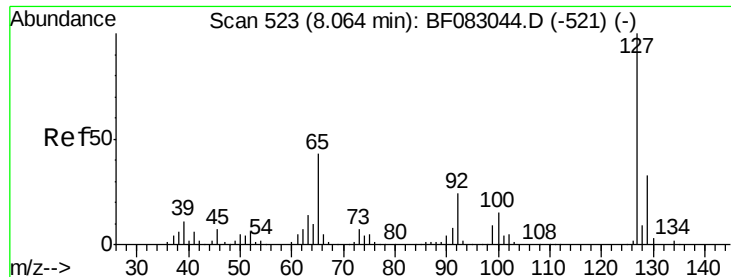
#32
Benzoic acid
Concen: 41.08 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Tgt Ion:122 Resp: 203739
Ion Ratio Lower Upper
122 100
105 132.2 115.0 155.0
77 103.8 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

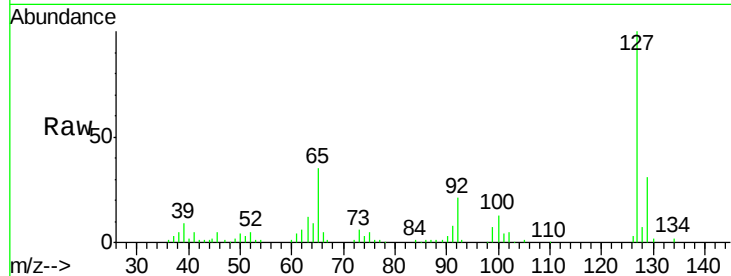




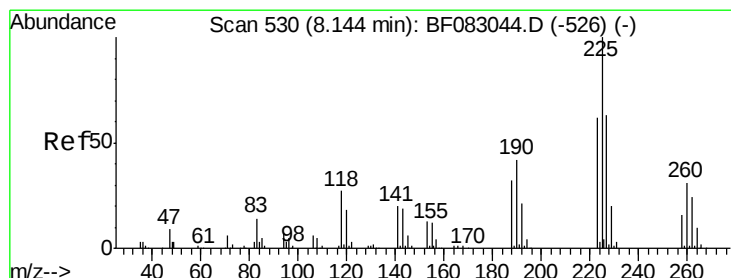
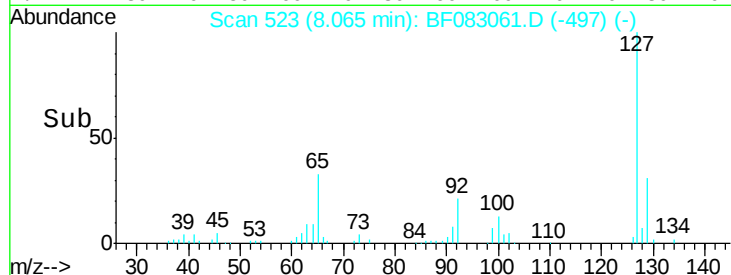
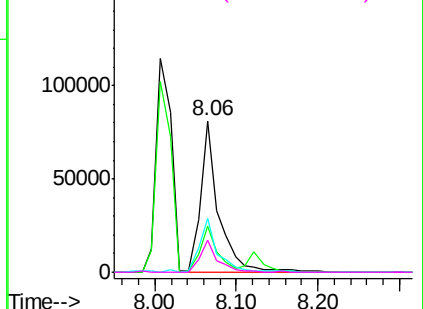
#33
4-Chloroaniline
Concen: 10.83 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Instrument :
BNA_F
ClientSampleId :
PM-1350MSD

Tgt Ion:	127	Resp:	125651
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.1	39.1
65	35.4	34.4	51.6
92	20.9	19.5	29.3

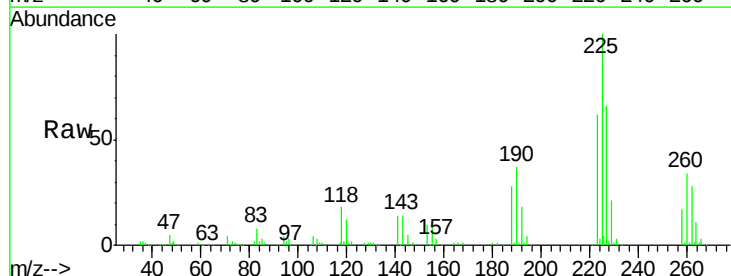


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

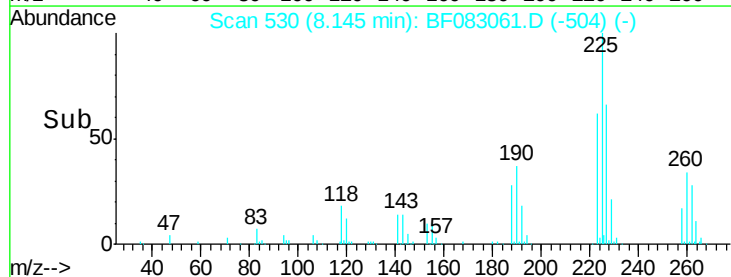
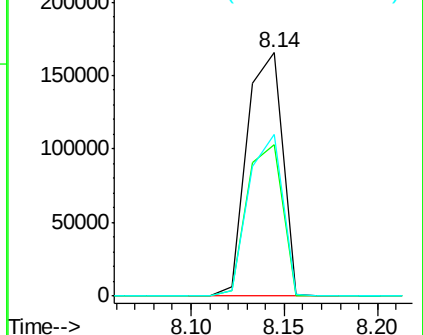


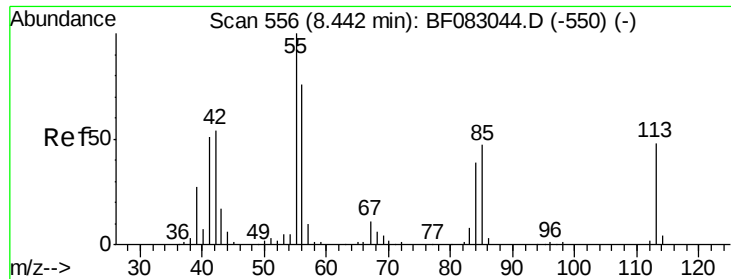
#34
Hexachlorobutadiene
Concen: 39.78 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Tgt Ion:	225	Resp:	217598
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	66.2	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

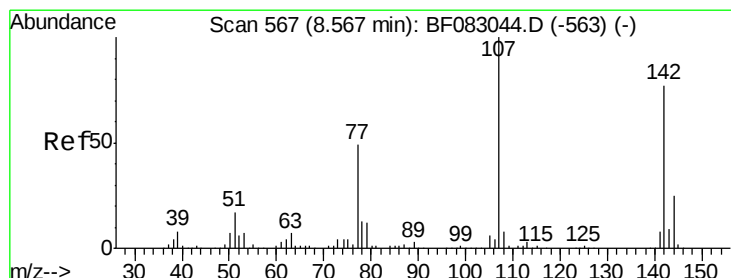
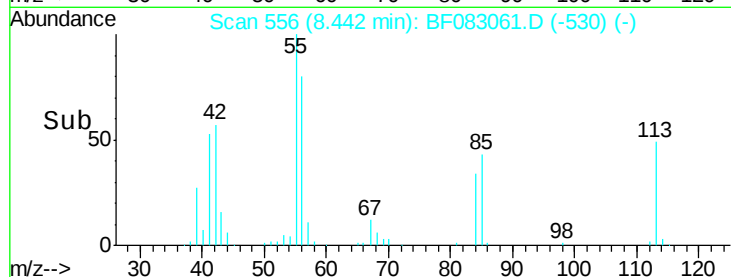
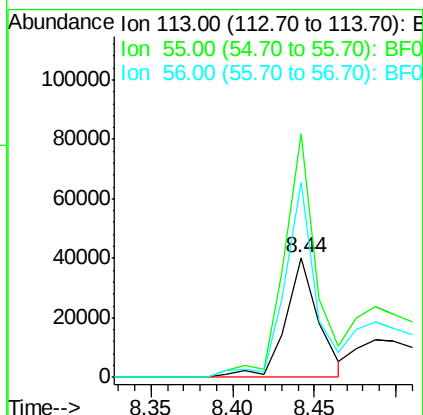
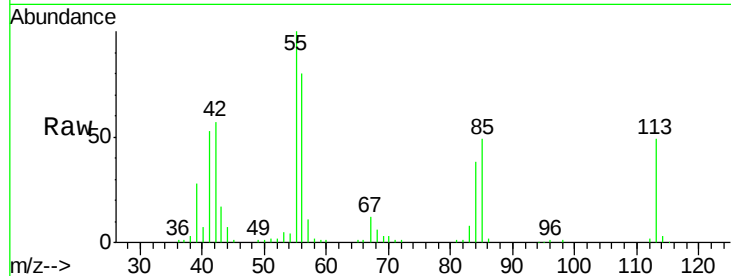




#35
 Caprolactam
 Concen: 22.41 ng
 RT: 8.44 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

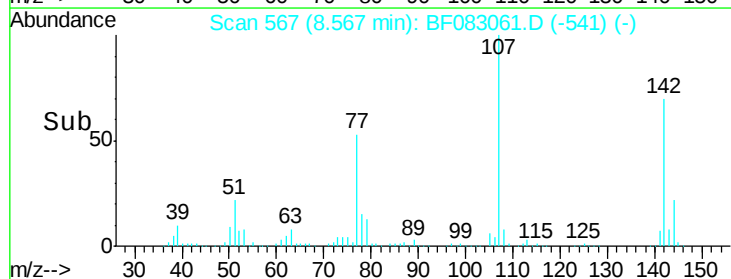
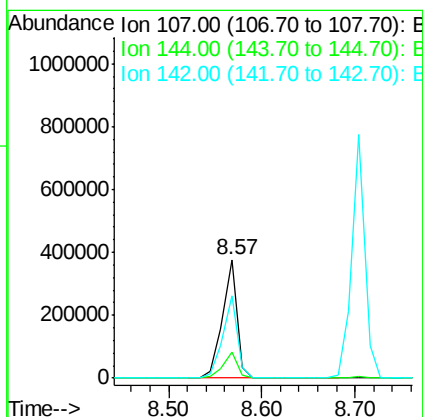
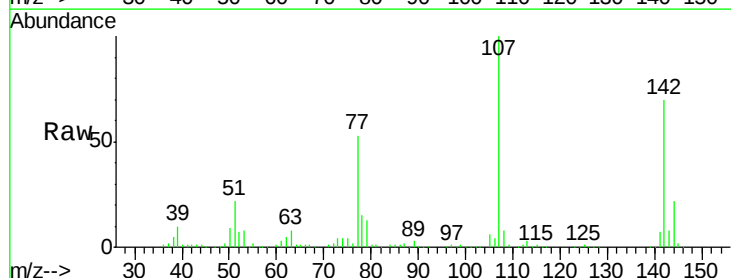
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

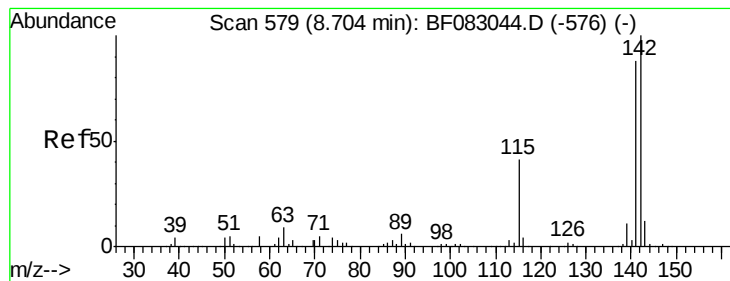
Tgt Ion:113 Resp: 56315
 Ion Ratio Lower Upper
 113 100
 55 203.5 189.1 229.1
 56 162.4 137.9 177.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.90 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion:107 Resp: 410297
 Ion Ratio Lower Upper
 107 100
 144 22.4 20.0 30.0
 142 69.5 61.3 91.9

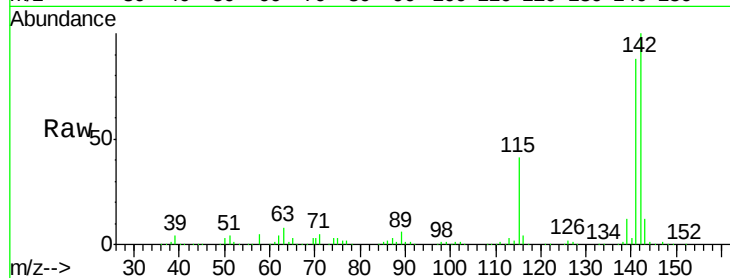




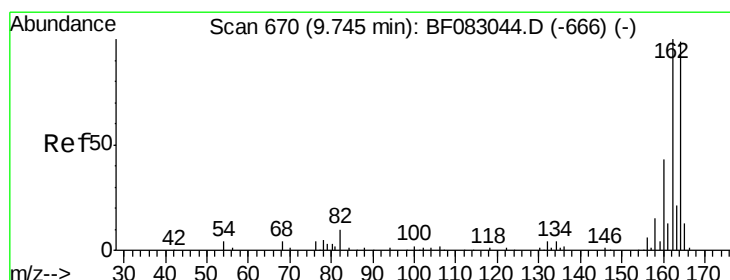
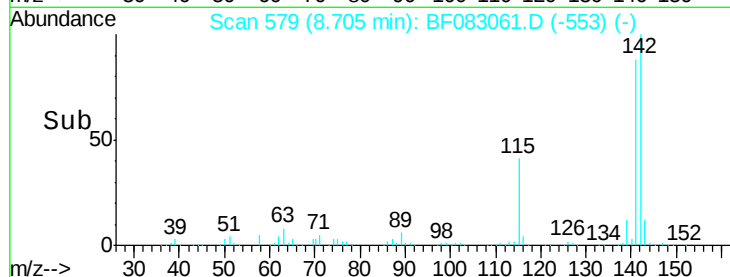
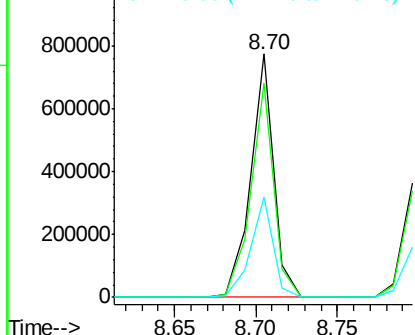
#37
 2-Methylnaphthalene
 Concen: 42.58 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

Tgt Ion:142 Resp: 756331
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.7 106.1
 115 40.9 33.1 49.7

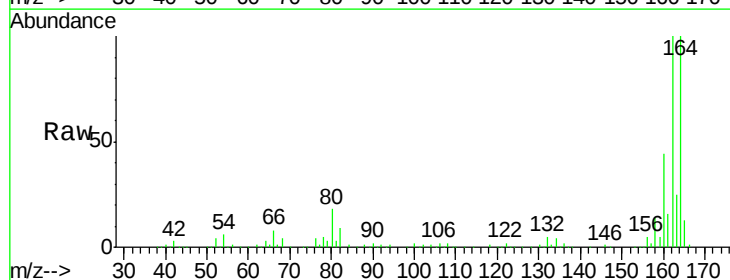


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

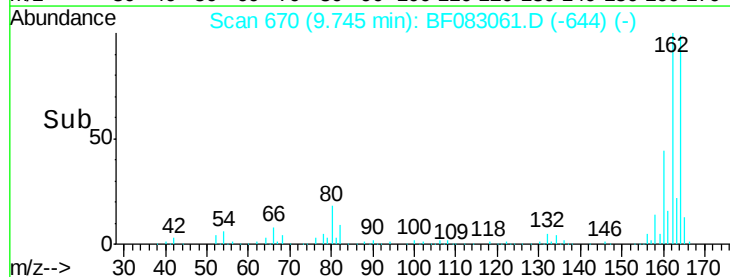
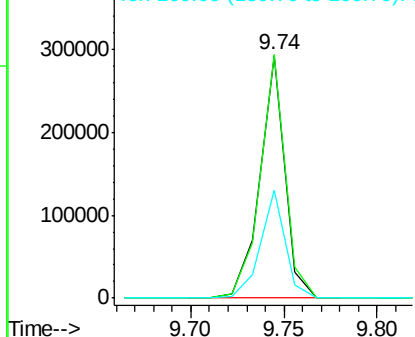


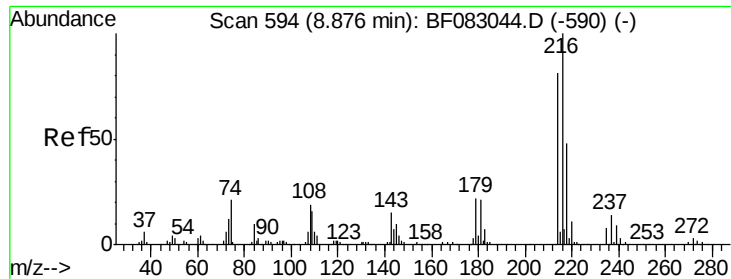
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion:164 Resp: 273210
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.5 120.7
 160 44.4 35.0 52.4



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

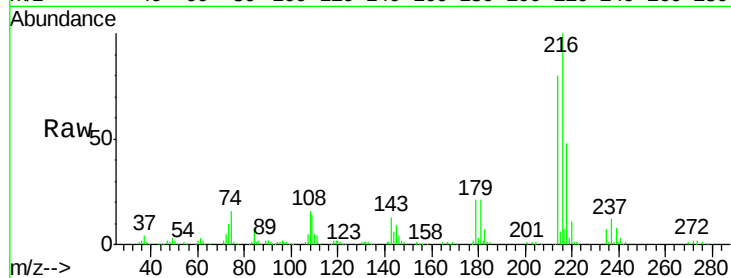




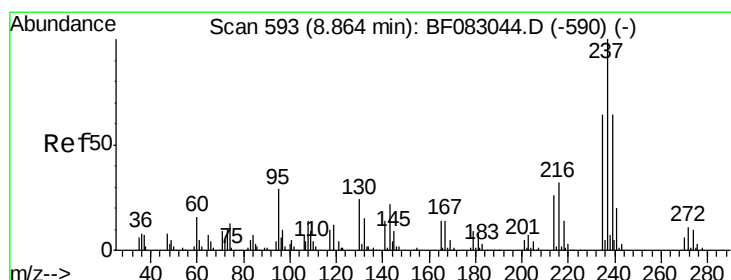
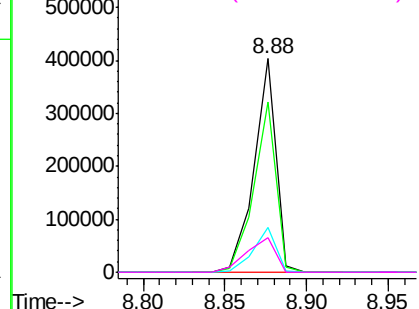
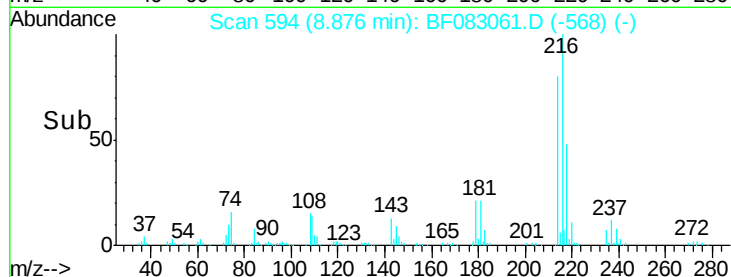
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.73 ng
 RT: 8.88 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

Tgt Ion:	216	Resp:	375950
Ion	Ratio	Lower	Upper
216	100		
214	80.7	64.6	97.0
179	21.7	17.8	26.6
108	21.1	16.8	25.2

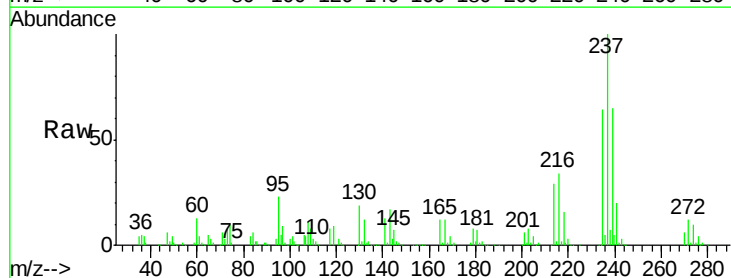


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

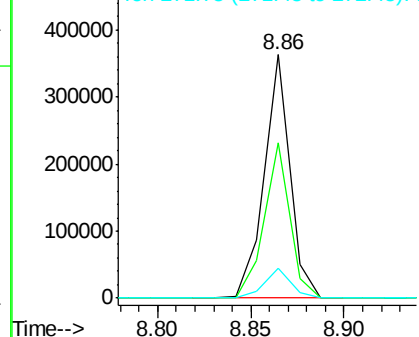
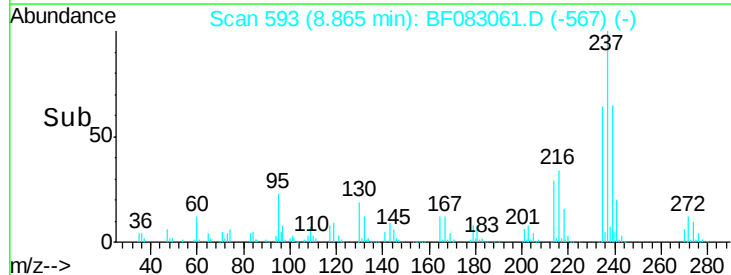


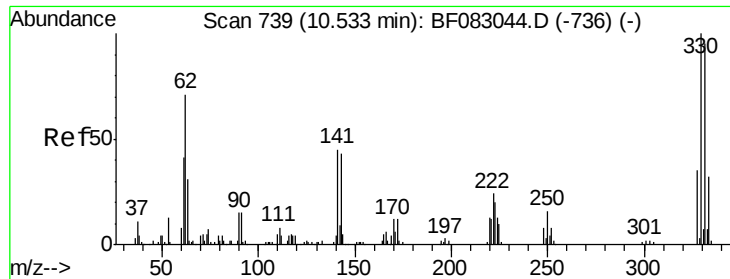
#40
 Hexachlorocyclopentadiene
 Concen: 82.14 ng
 RT: 8.86 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion:	237	Resp:	344835
Ion	Ratio	Lower	Upper
237	100		
235	64.0	44.1	84.1
272	12.2	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

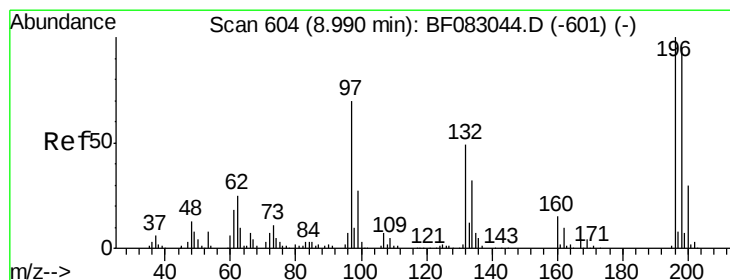
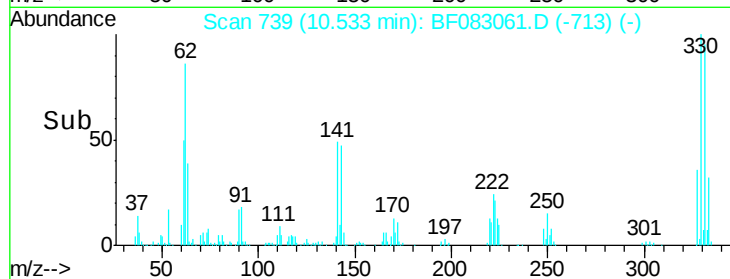
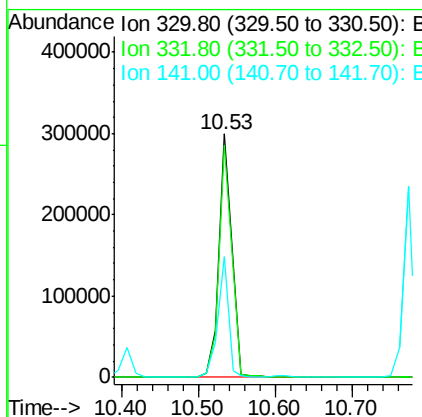
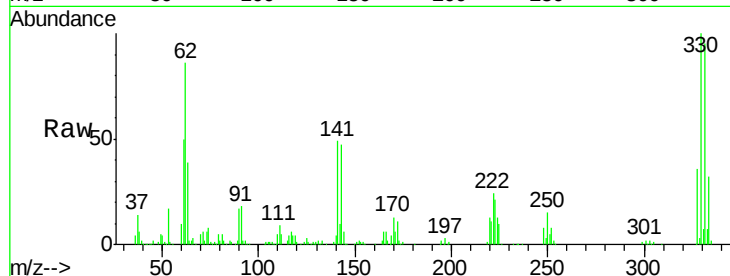




#41
 2,4,6-Tribromophenol
 Concen: 121.50 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

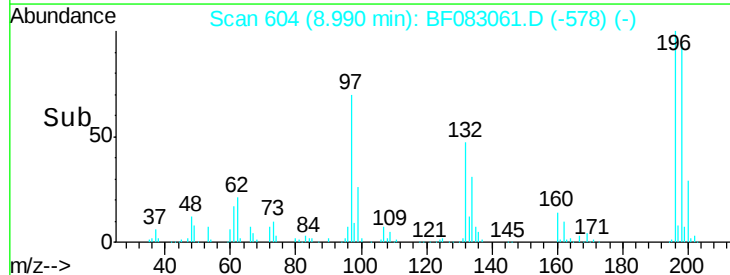
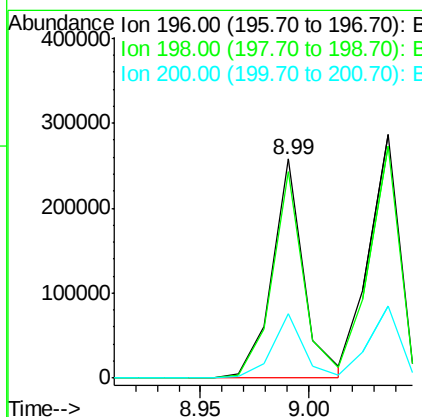
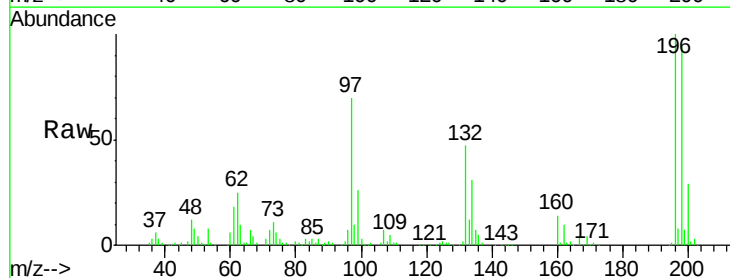
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

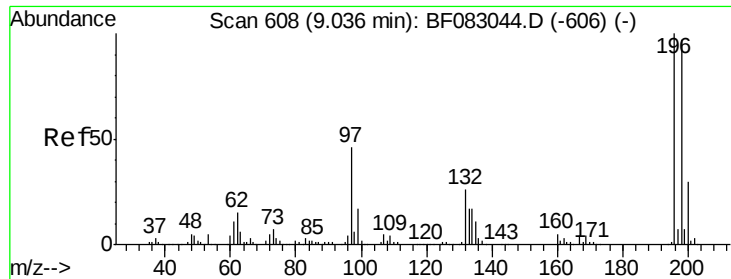
Tgt Ion:330 Resp: 352443
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.6 116.4
 141 40.4 34.6 52.0



#42
 2,4,6-Trichlorophenol
 Concen: 39.99 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion:196 Resp: 261401
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.9 113.9
 200 29.2 24.0 36.0

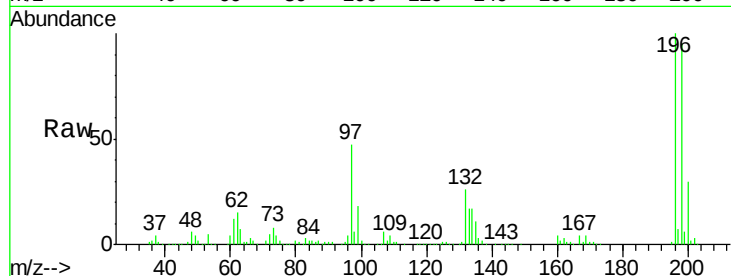




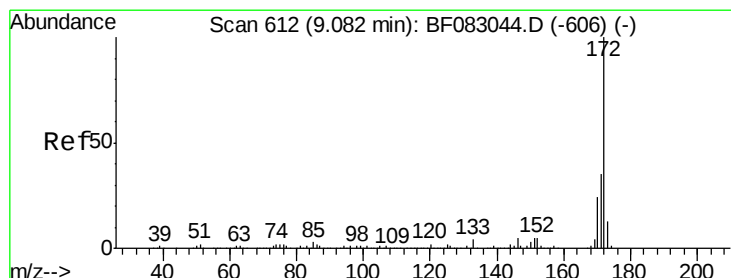
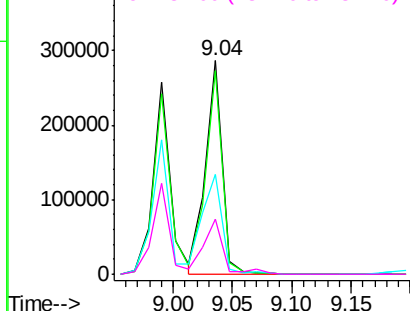
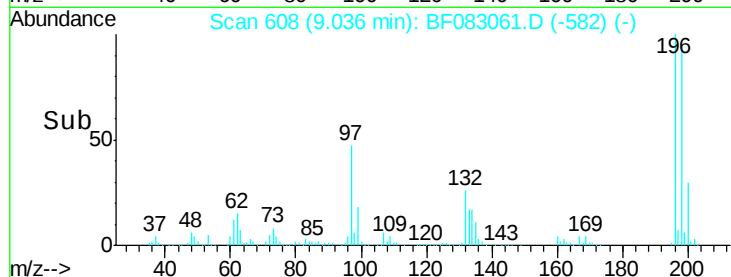
#43
 2,4,5-Trichlorophenol
 Concen: 43.39 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.8	116.6
97	46.8	37.1	55.7
132	25.8	21.0	31.4

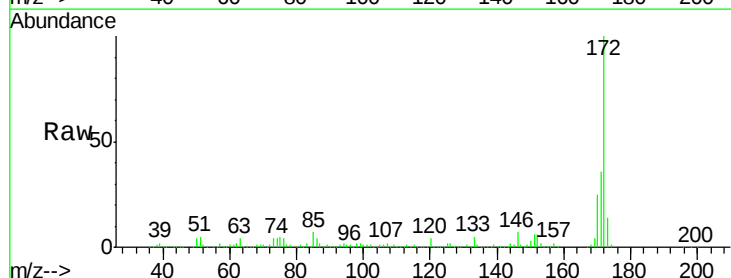


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

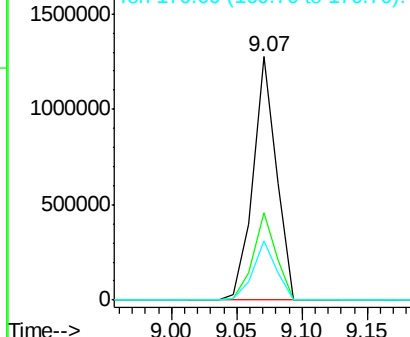
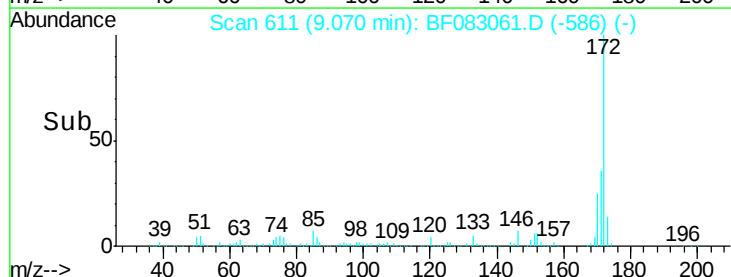


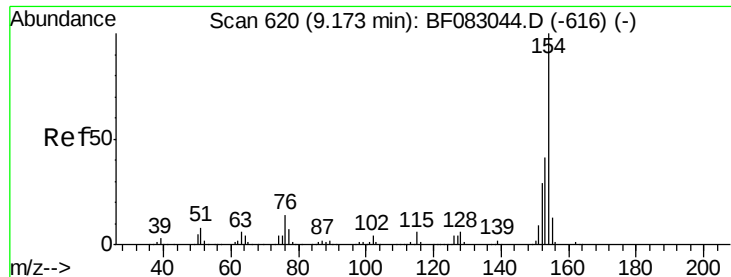
#44
 2-Fluorobiphenyl
 Concen: 78.10 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	24.5	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

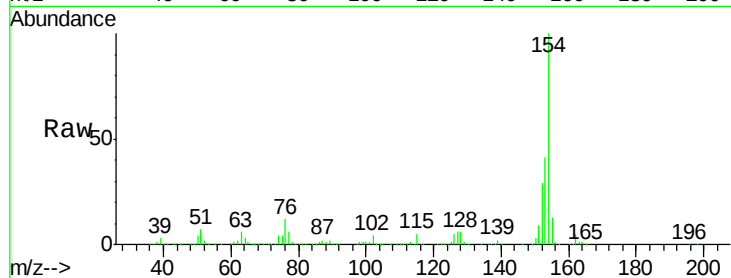




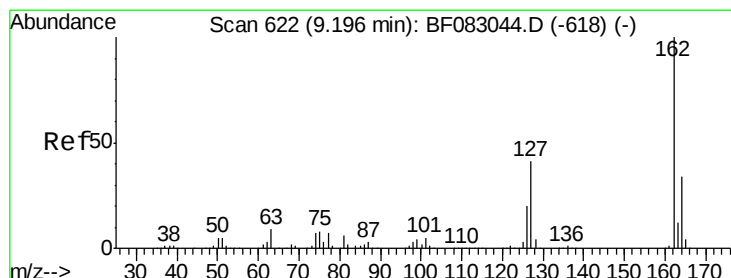
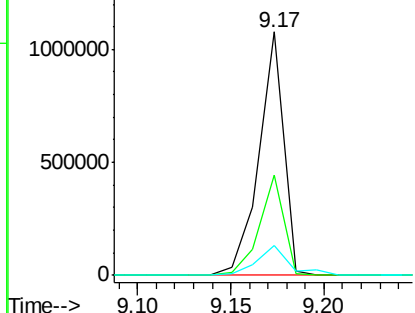
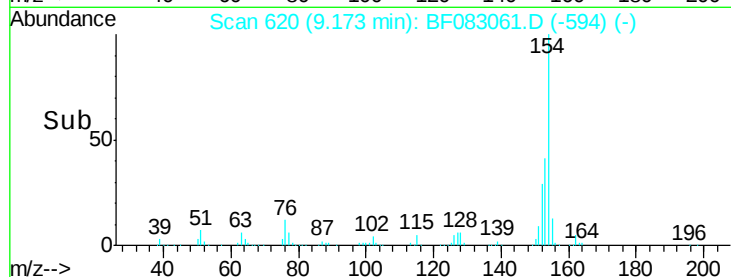
#45
 1,1'-Biphenyl
 Concen: 41.05 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	12.2	0.0	34.0

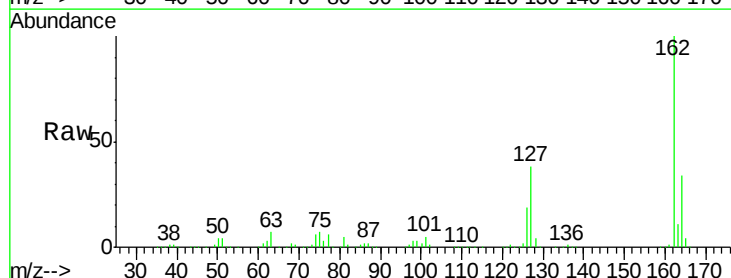


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

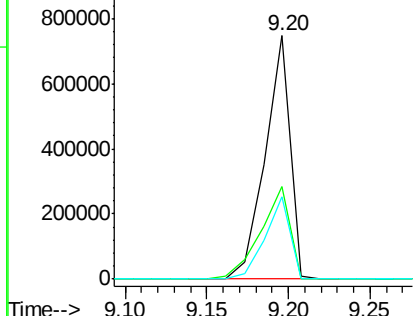
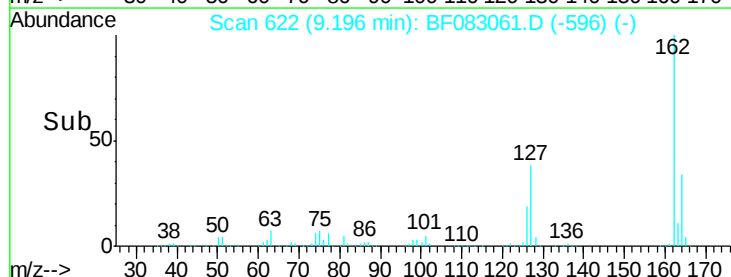


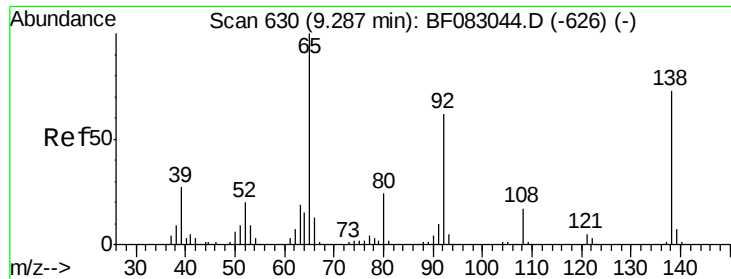
#46
 2-Chloronaphthalene
 Concen: 43.53 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.8	49.2
164	33.8	26.9	40.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

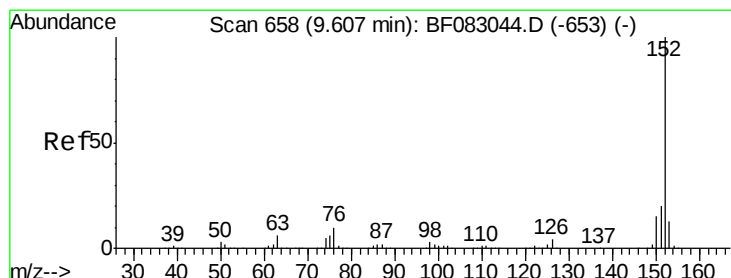
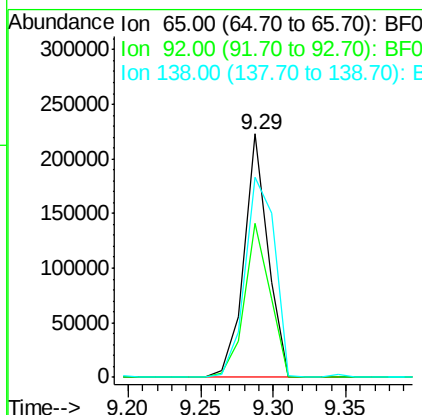
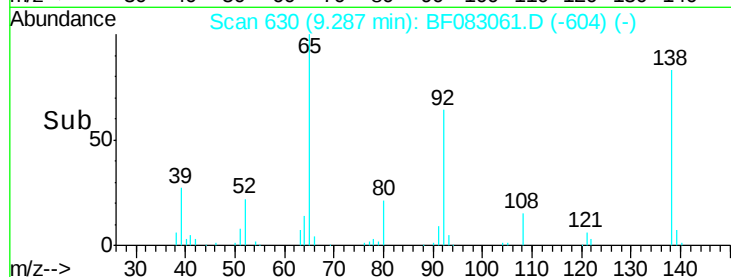
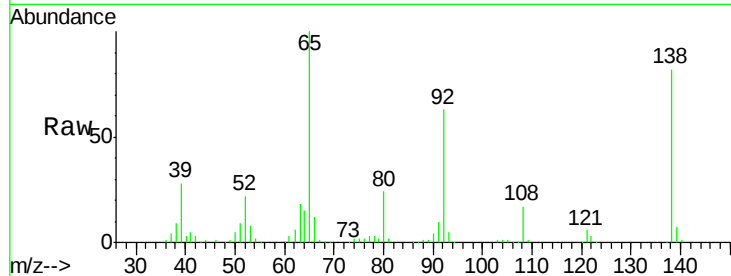




#47
 2-Nitroaniline
 Concen: 37.08 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

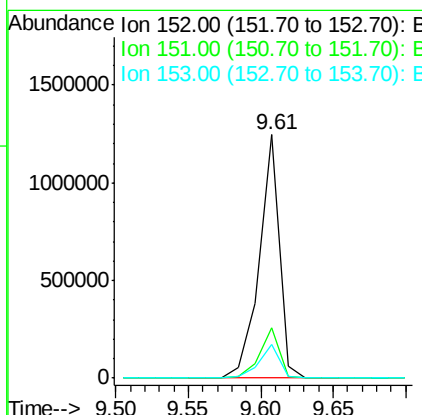
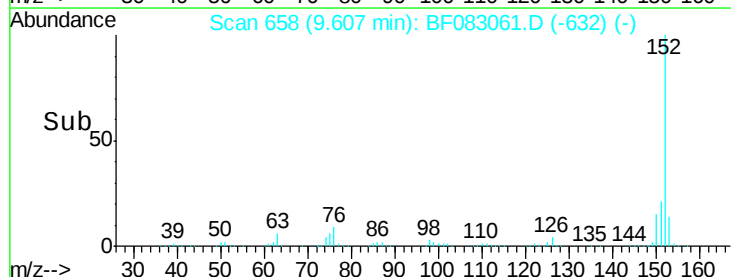
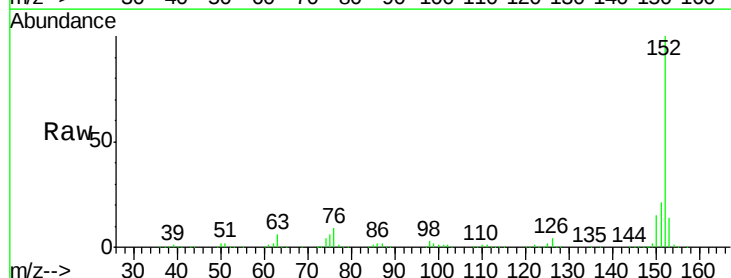
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

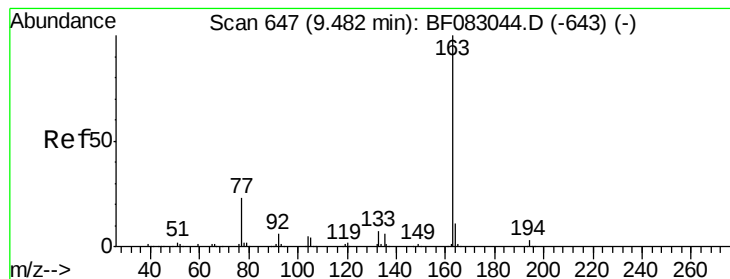
Tgt Ion:	65	Resp:	255832
Ion	Ratio	Lower	Upper
65	100		
92	63.2	49.6	74.4
138	82.3	58.8	88.2



#48
 Acenaphthylene
 Concen: 39.81 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion:	152	Resp:	1198374
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2
153	13.9	10.6	15.8





#49

Dimethylphthalate

Concen: 39.38 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

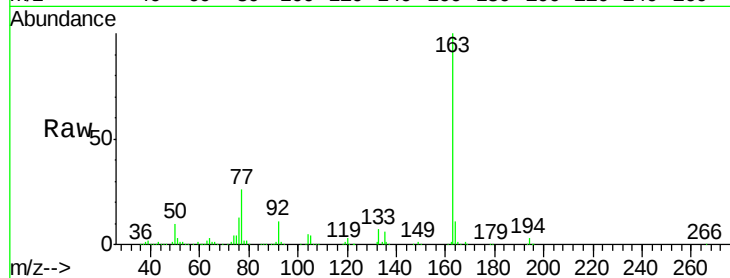
Tgt Ion:163 Resp: 885538

Ion Ratio Lower Upper

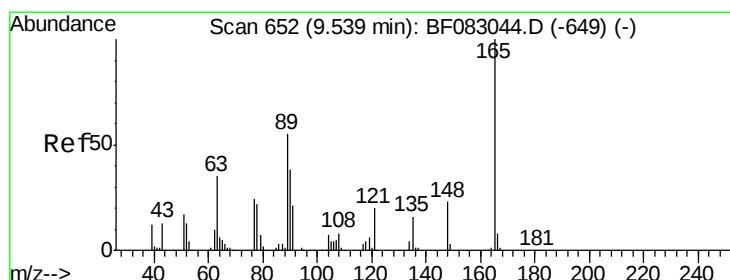
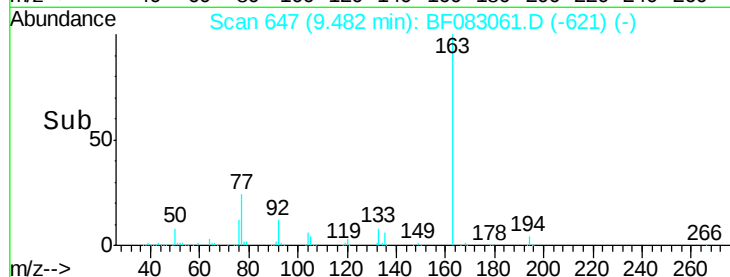
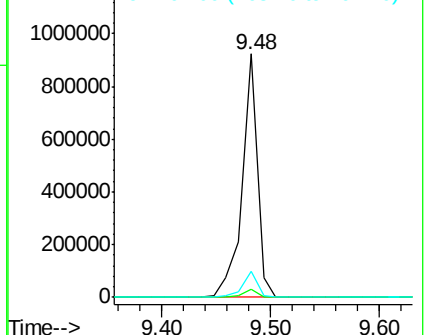
163 100

194 3.4 2.7 4.1

164 10.6 8.5 12.7



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



#50

2,6-Dinitrotoluene

Concen: 45.34 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

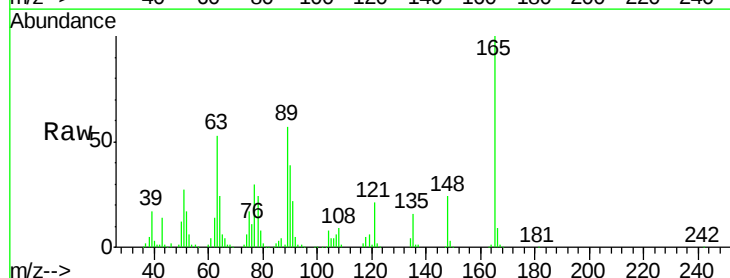
Tgt Ion:165 Resp: 219771

Ion Ratio Lower Upper

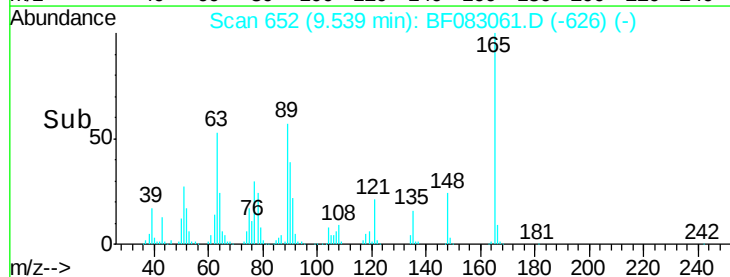
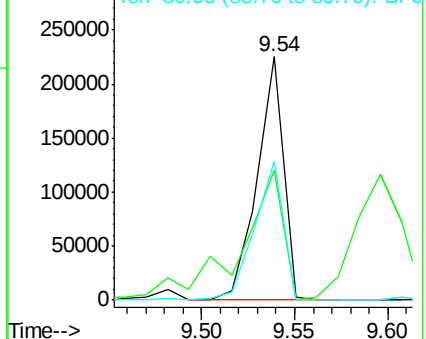
165 100

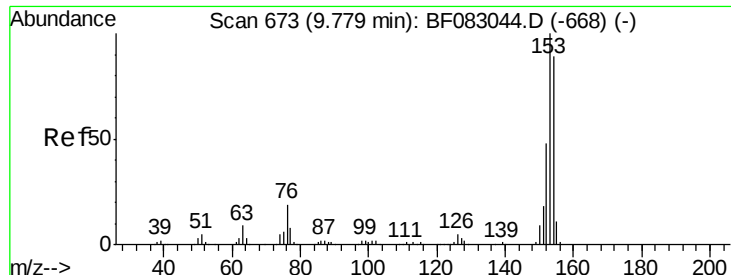
63 53.3 40.6 61.0

89 57.0 44.5 66.7



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





#51

Acenaphthene

Concen: 39.25 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

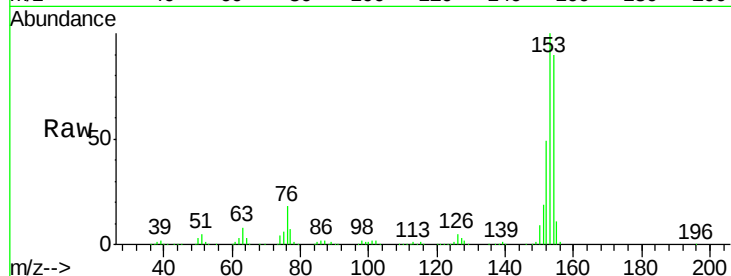
Tgt Ion:154 Resp: 746823

Ion Ratio Lower Upper

154 100

153 110.7 90.1 135.1

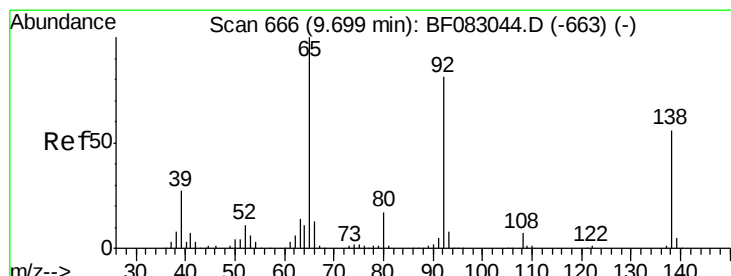
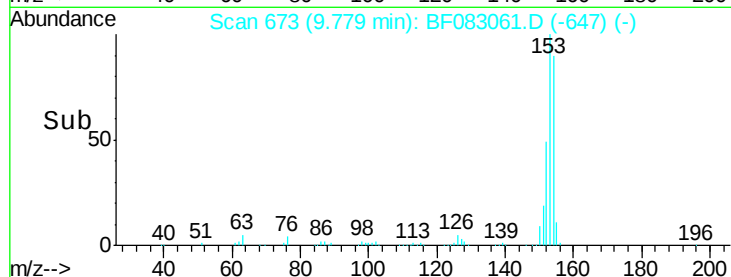
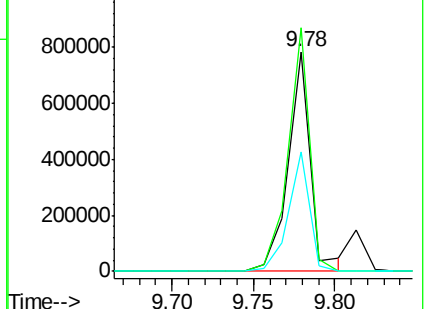
152 54.4 43.3 64.9



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: 16.90 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

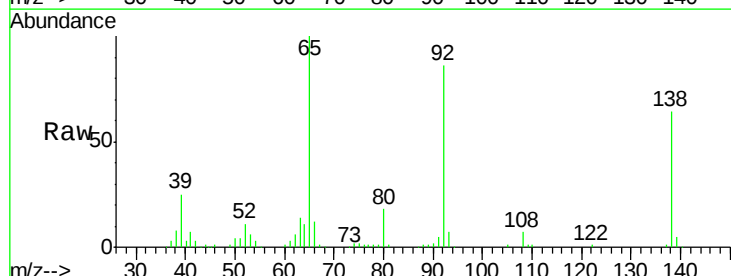
Tgt Ion:138 Resp: 93467

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

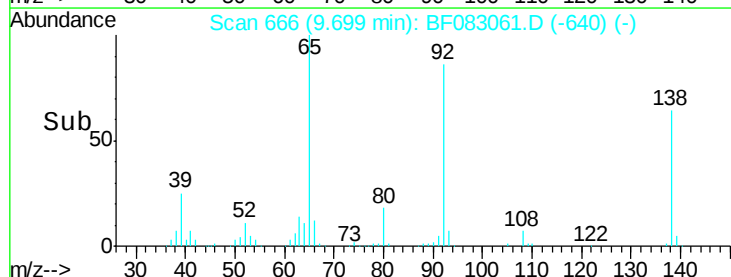
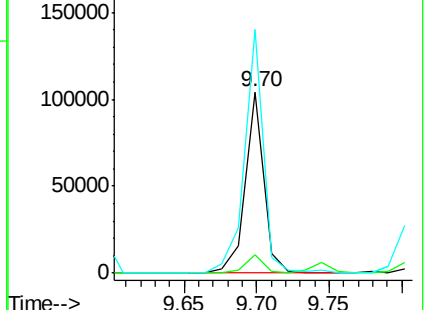
92 134.4 115.2 172.8

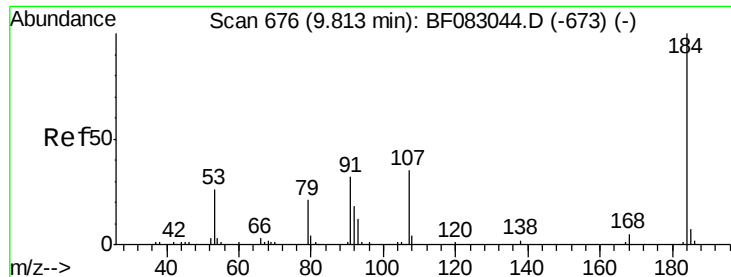


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

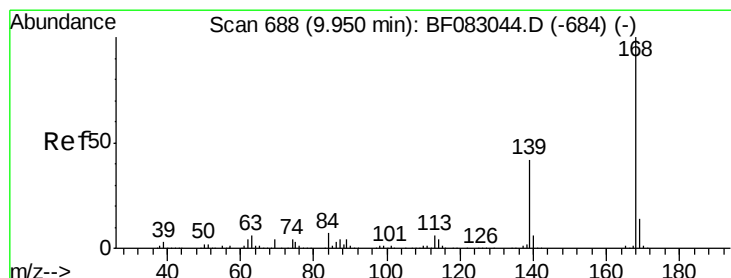
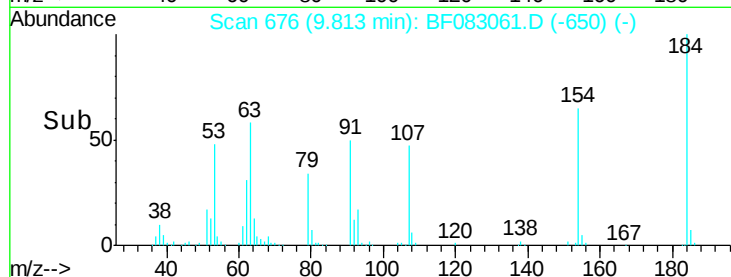
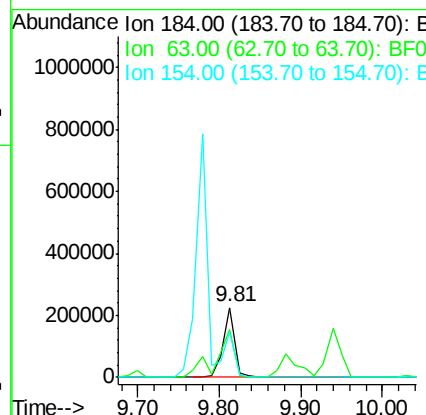
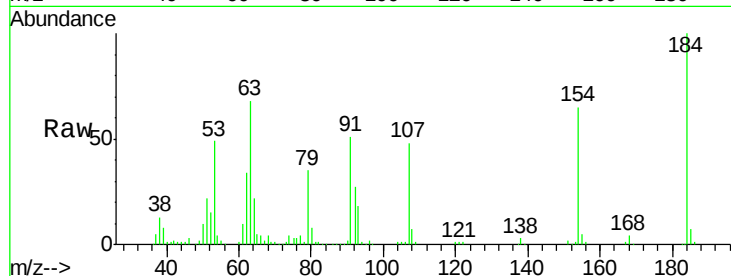




#53
 2,4-Dinitrophenol
 Concen: 91.89 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

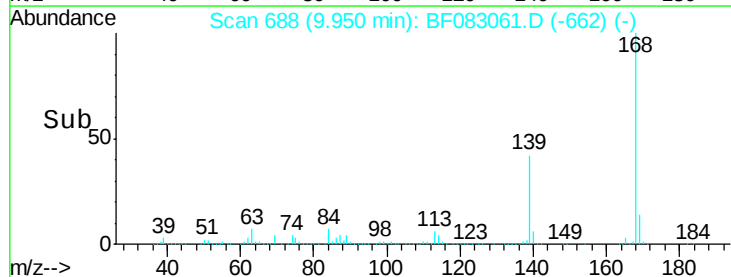
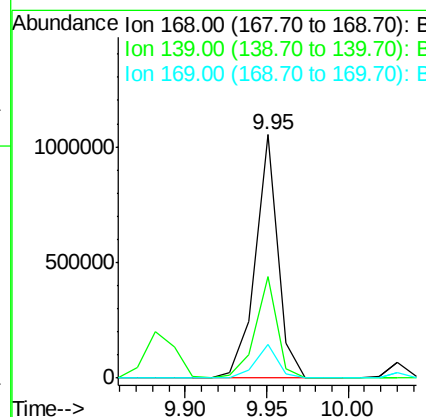
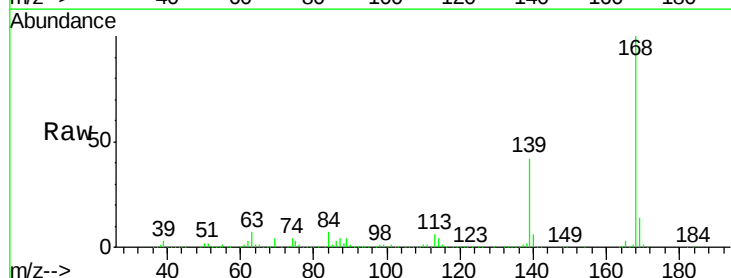
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

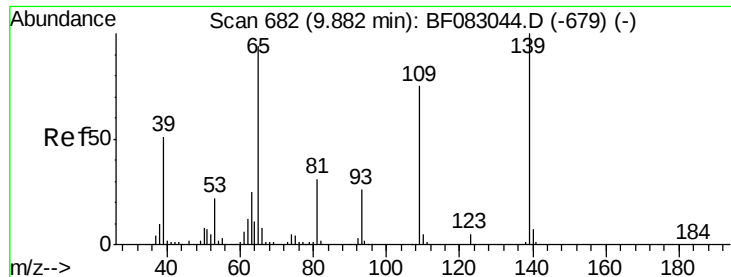
Tgt Ion:184 Resp: 226969
 Ion Ratio Lower Upper
 184 100
 63 68.4 30.4 45.6#
 154 65.2 44.9 67.3



#54
 Dibenzofuran
 Concen: 39.54 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion:168 Resp: 1008136
 Ion Ratio Lower Upper
 168 100
 139 41.8 33.5 50.3
 169 14.1 11.2 16.8





#55

4-Nitrophenol

Concen: 71.05 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

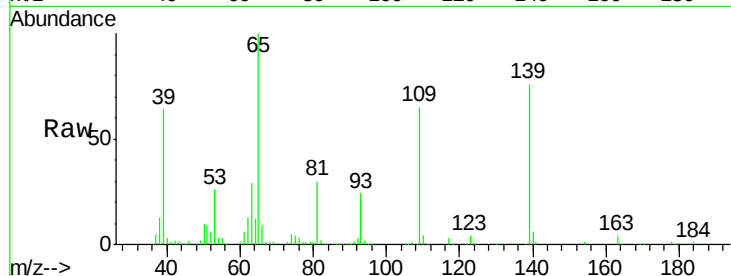
Tgt Ion:139 Resp: 269658

Ion Ratio Lower Upper

139 100

109 85.4 54.6 94.6

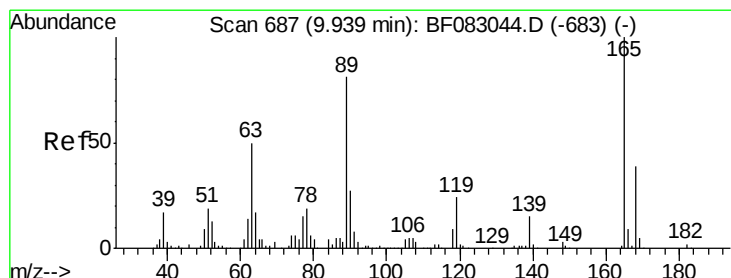
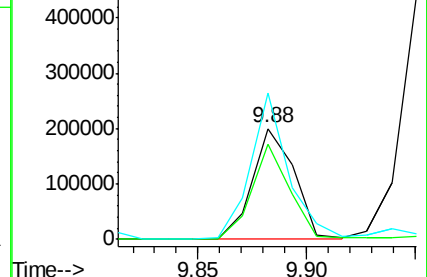
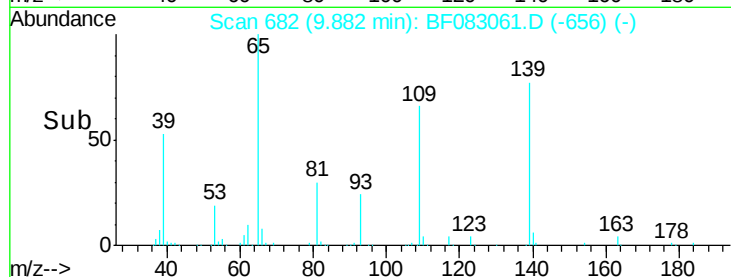
65 132.0 74.4 114.4#



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: 38.46 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Tgt Ion:165 Resp: 249514

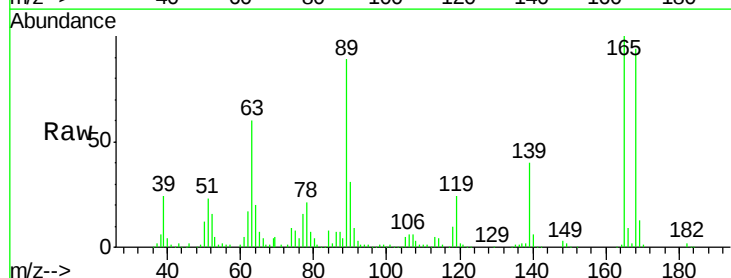
Ion Ratio Lower Upper

165 100

63 60.3 40.6 61.0

89 88.9 64.4 96.6

182 2.3 1.6 2.4

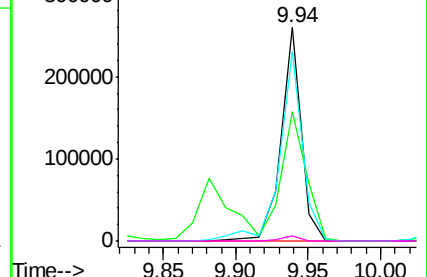
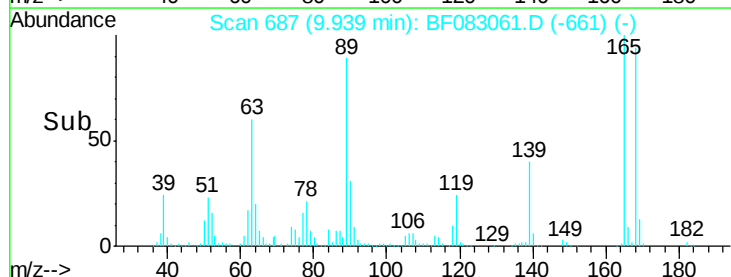


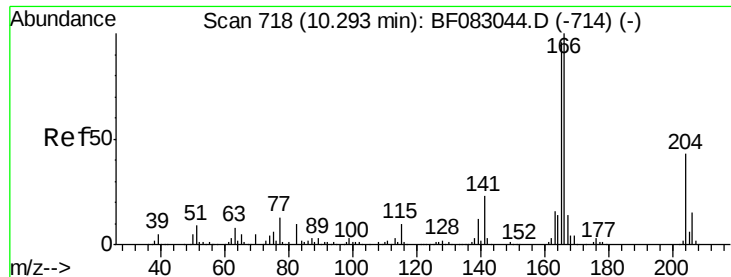
Abundance Ion 165.00 (164.70 to 165.70): E

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

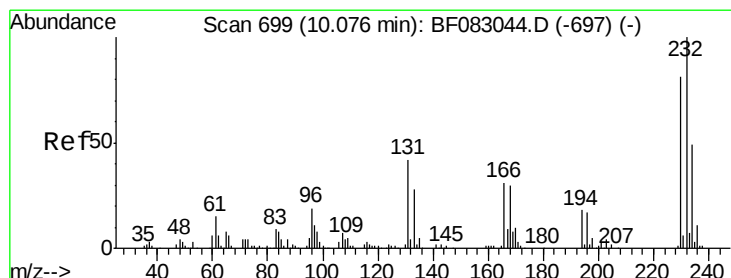
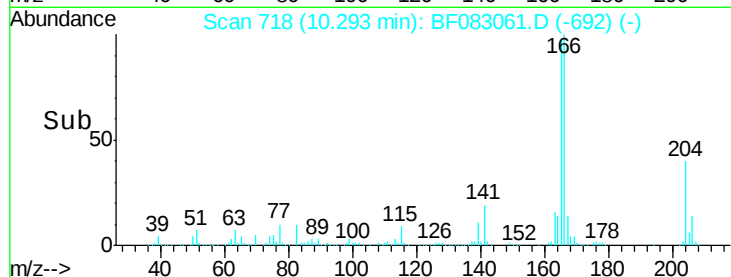
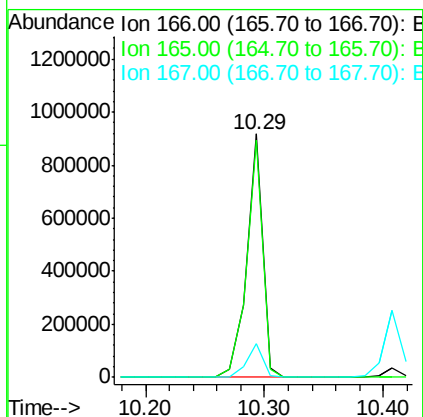
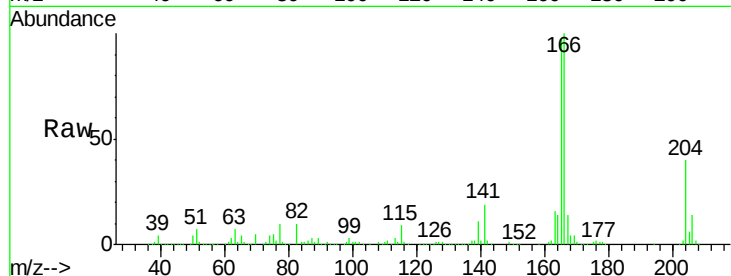




#57
Fluorene
 Concen: 41.97 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

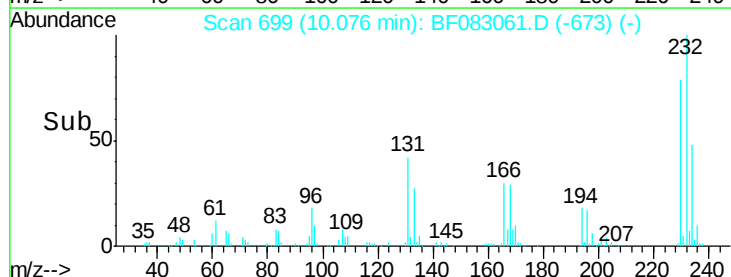
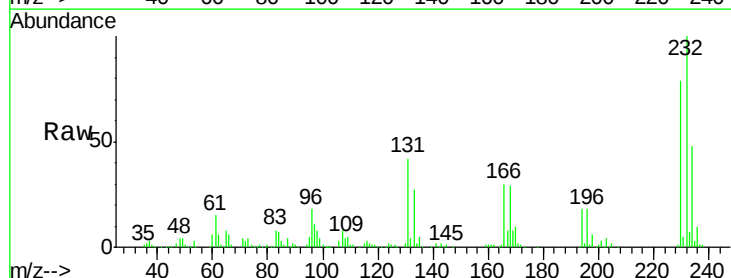
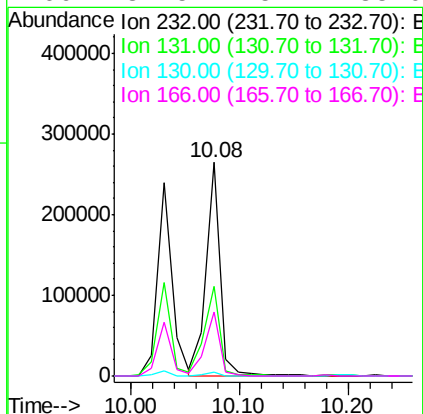
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

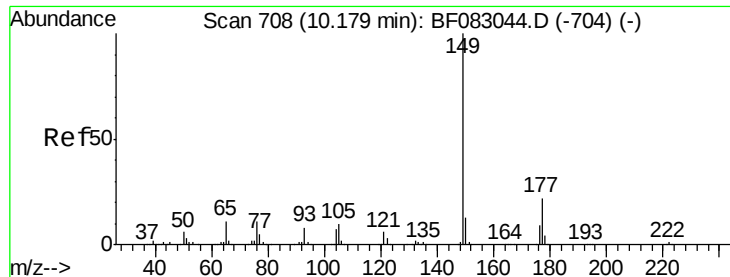
Tgt Ion:166 Resp: 860864
 Ion Ratio Lower Upper
 166 100
 165 97.4 77.1 115.7
 167 13.8 11.0 16.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.51 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion:232 Resp: 239803
 Ion Ratio Lower Upper
 232 100
 131 46.6 36.5 54.7
 130 2.2 1.8 2.6
 166 31.5 25.4 38.0

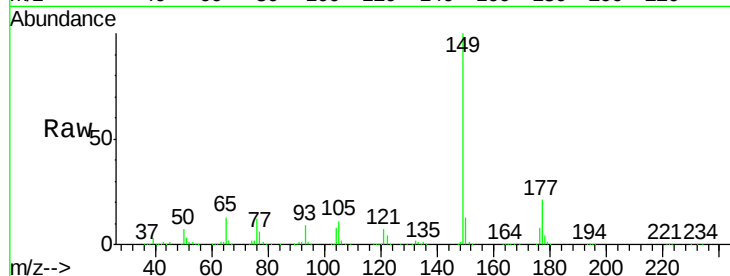




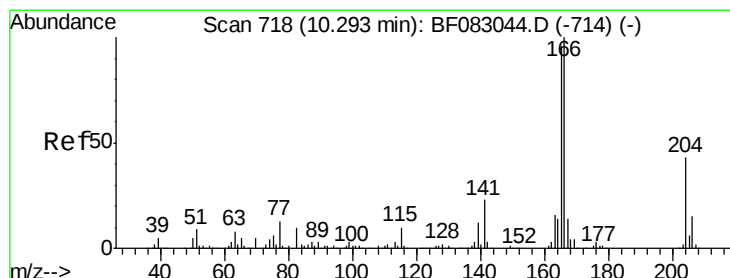
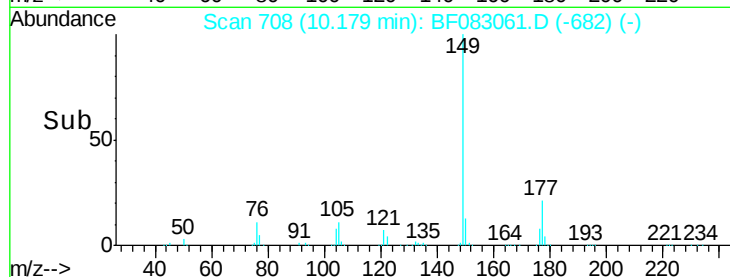
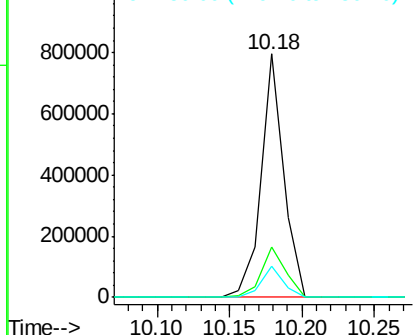
#59
Diethylphthalate
Concen: 39.03 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Instrument :
BNA_F
ClientSampleId :
PM-1350MSD

Tgt Ion:149 Resp: 855834
Ion Ratio Lower Upper
149 100
177 20.7 17.4 26.2
150 13.0 10.2 15.2

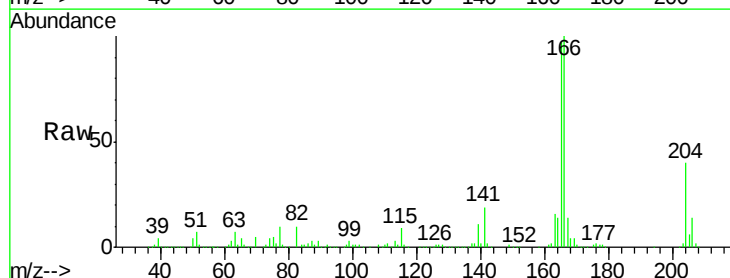


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

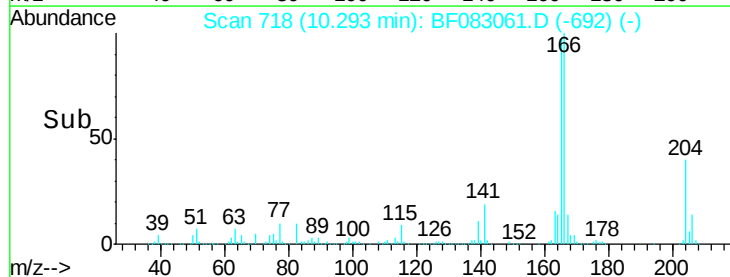
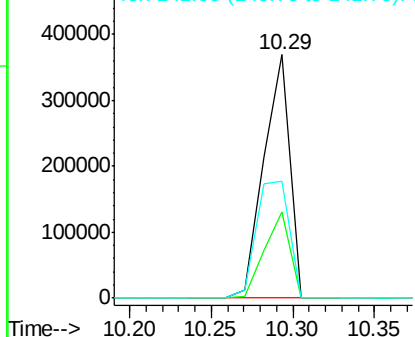


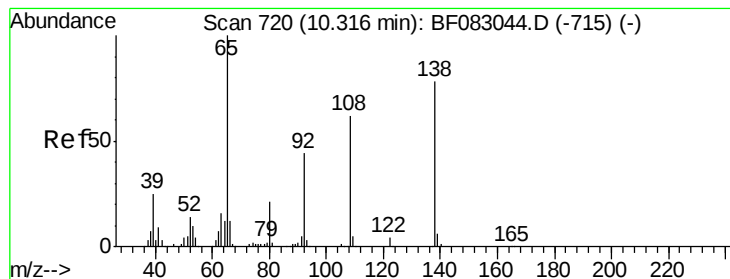
#60
4-Chlorophenyl-phenylether
Concen: 42.62 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF083061.D
Acq: 20 Nov 2015 4:24

Tgt Ion:204 Resp: 409474
Ion Ratio Lower Upper
204 100
206 35.6 28.2 42.4
141 48.1 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: 32.50 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

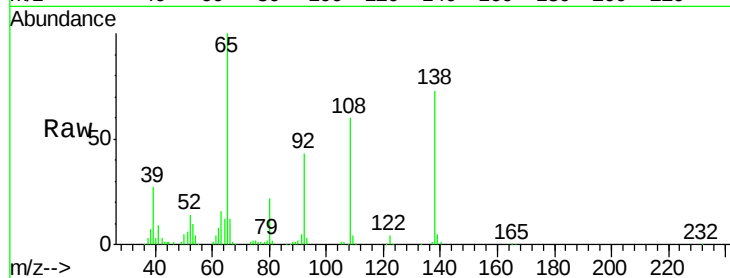
Tgt Ion:138 Resp: 183553

Ion Ratio Lower Upper

138 100

92 59.7 36.4 76.4

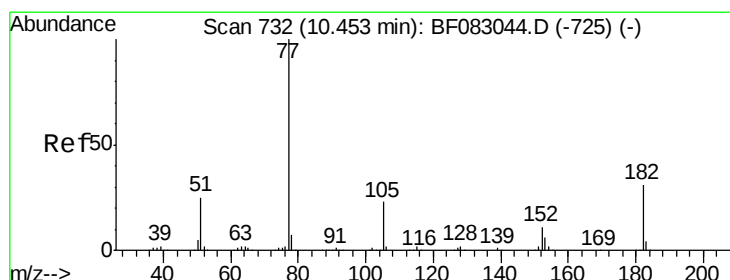
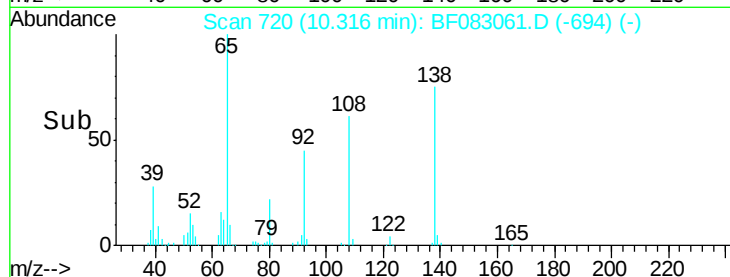
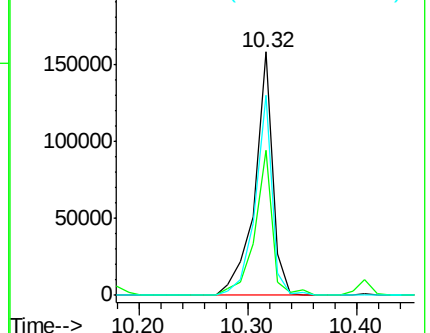
108 82.4 59.6 99.6



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: 42.80 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Tgt Ion: 77 Resp: 1051319

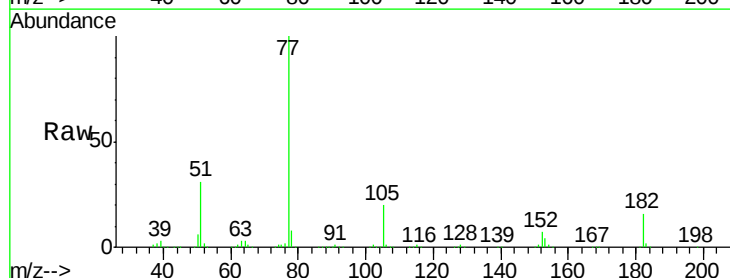
Ion Ratio Lower Upper

77 100

182 16.2 10.8 50.8

105 19.8 3.4 43.4

51 31.3 4.7 44.7

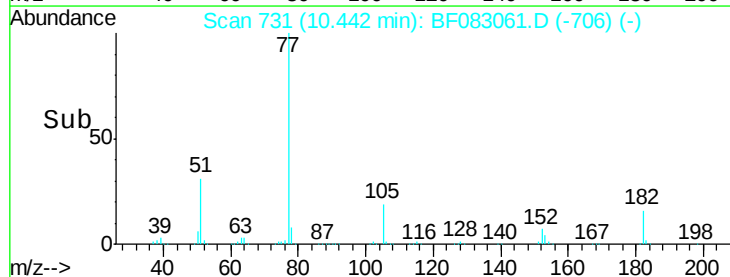
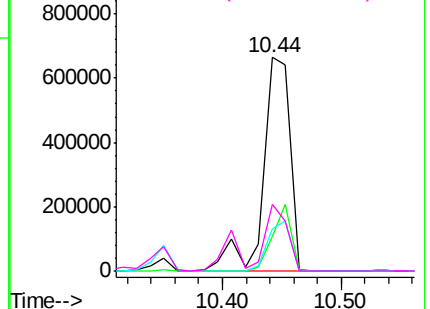


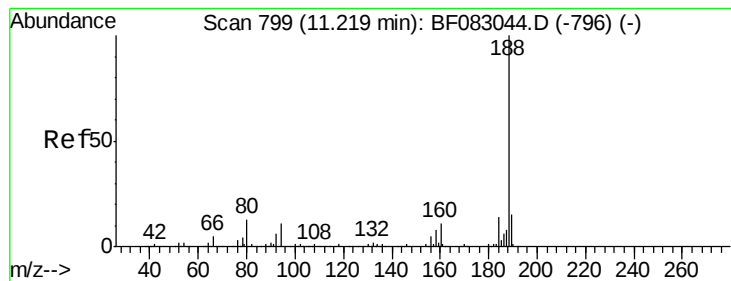
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

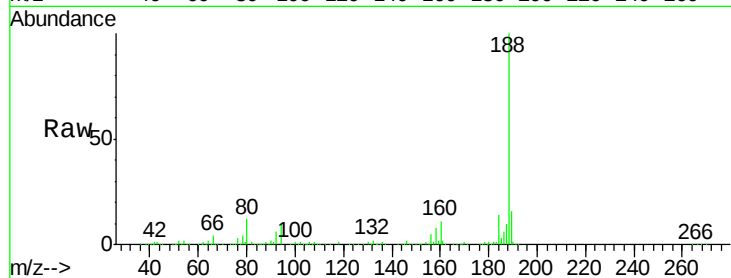
Tgt Ion:188 Resp: 497744

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.4

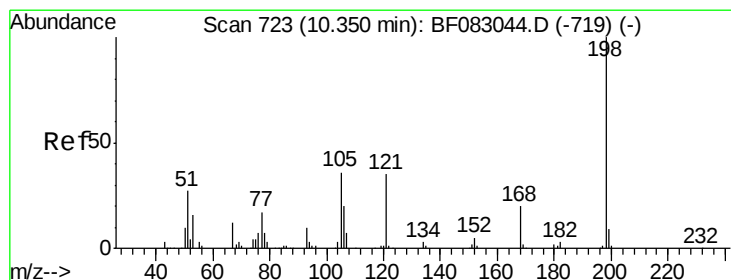
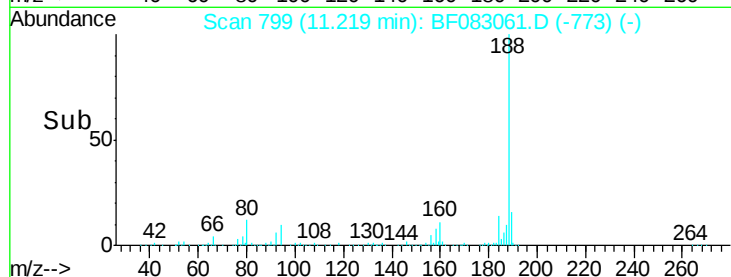
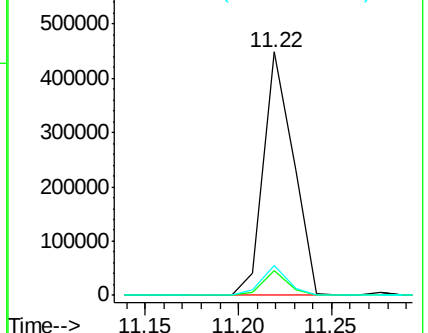
80 12.1 10.2 15.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.50 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

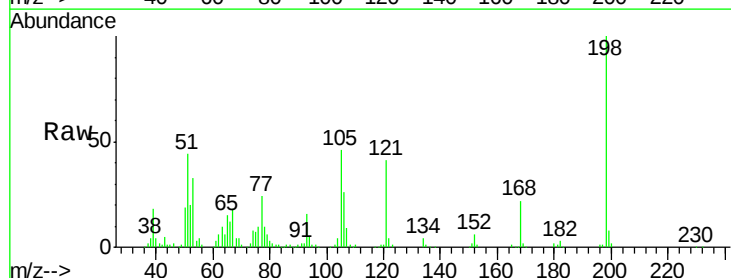
Tgt Ion:198 Resp: 153899

Ion Ratio Lower Upper

198 100

51 44.3 11.1 51.1

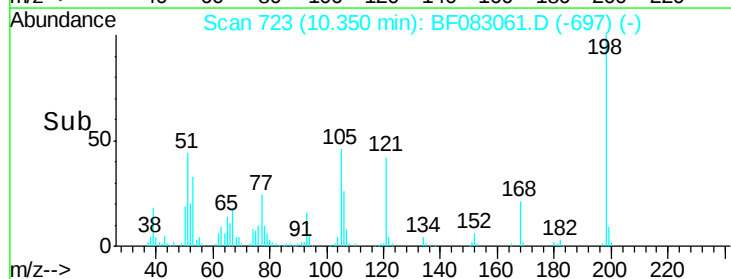
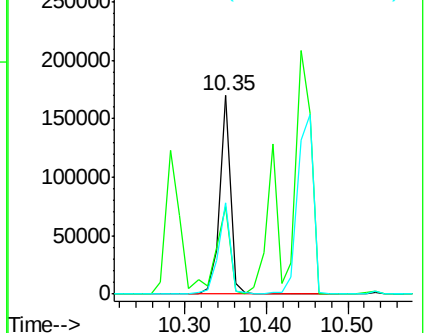
105 46.1 16.5 56.5

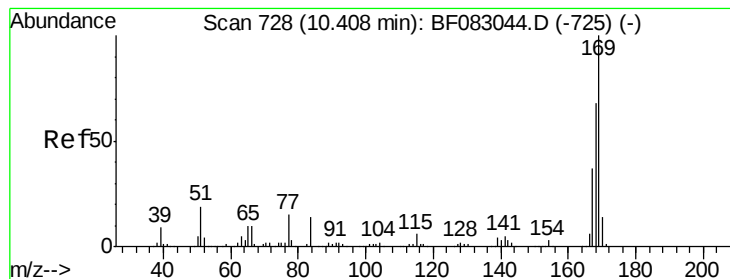


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.15 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

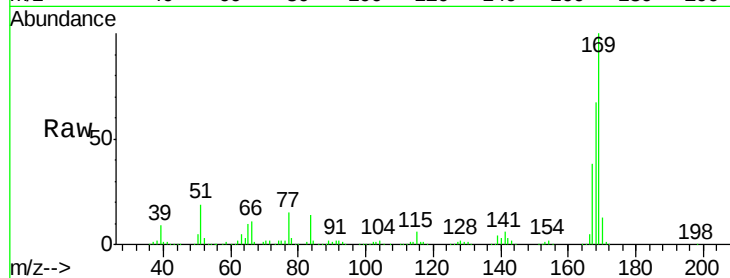
Tgt Ion:169 Resp: 682916

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

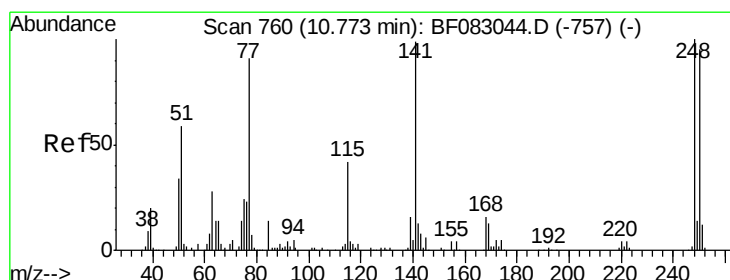
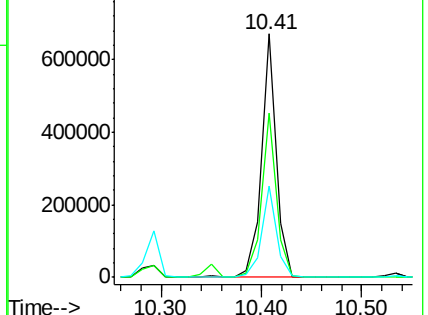
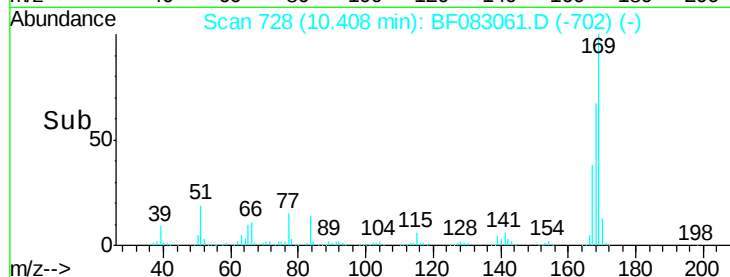
167 37.6 29.5 44.3



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: 40.76 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

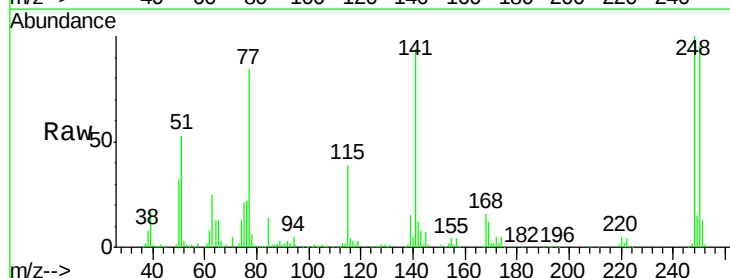
Tgt Ion:248 Resp: 234965

Ion Ratio Lower Upper

248 100

250 94.7 76.1 114.1

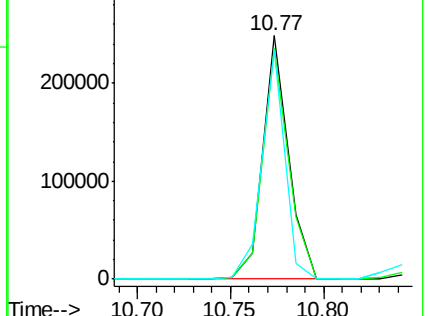
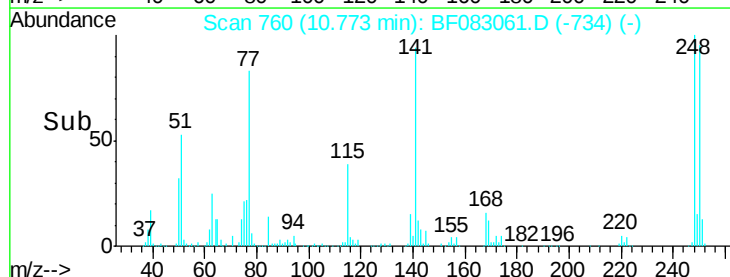
141 94.5 79.2 118.8

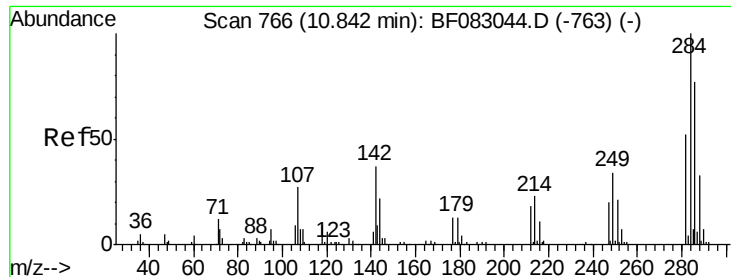


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.53 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

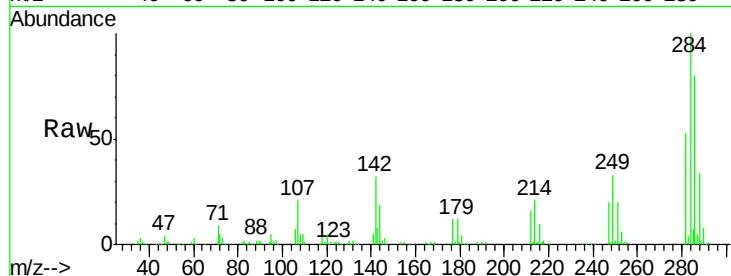
Tgt Ion:284 Resp: 274485

Ion Ratio Lower Upper

284 100

142 32.3 29.5 44.3

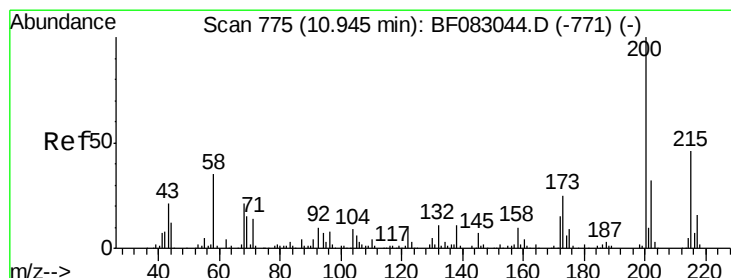
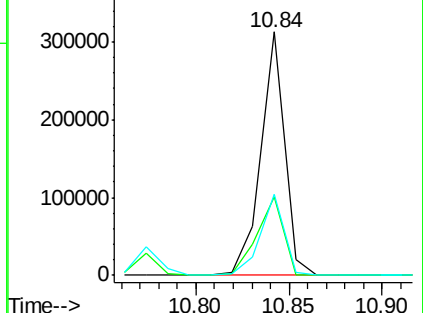
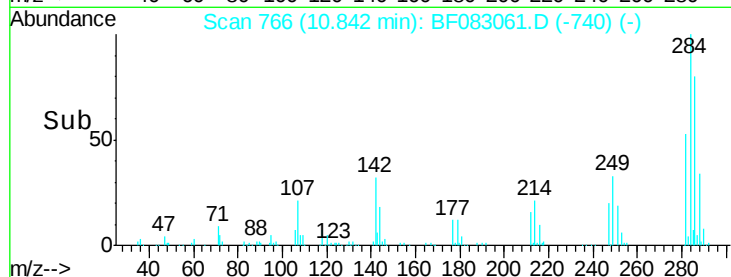
249 33.4 27.2 40.8



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: 46.76 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

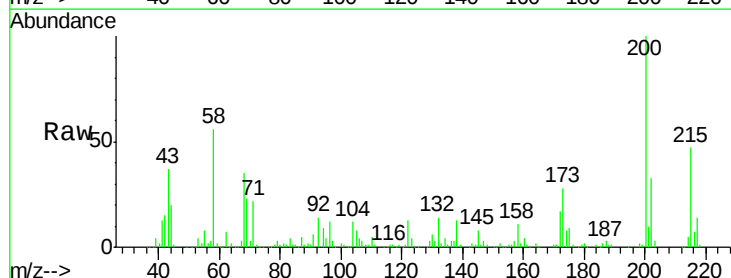
Tgt Ion:200 Resp: 255512

Ion Ratio Lower Upper

200 100

173 28.1 4.9 44.9

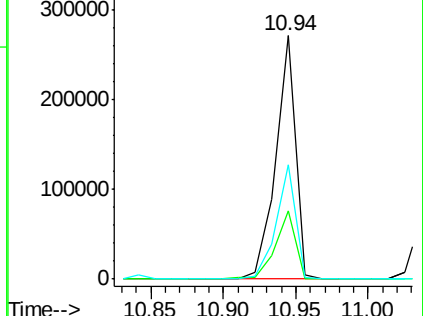
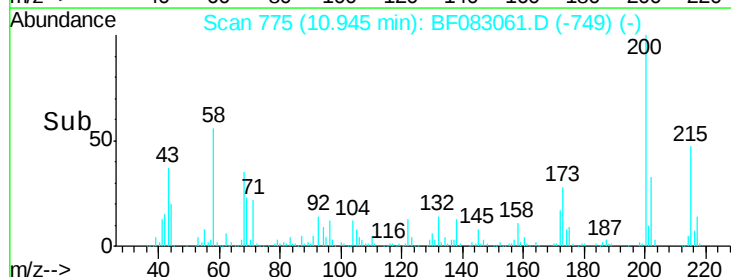
215 46.9 25.5 65.5

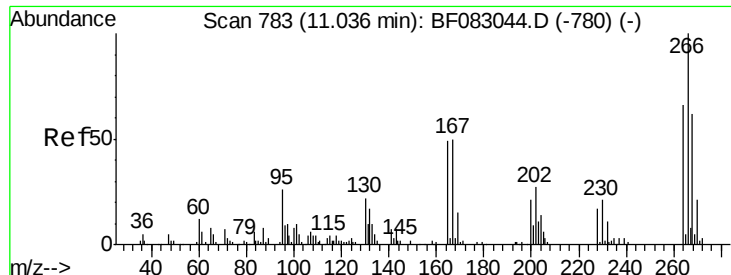


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

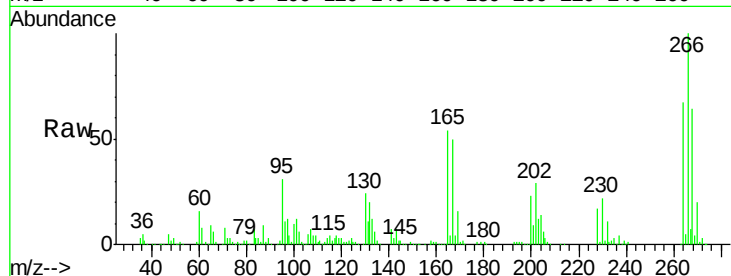




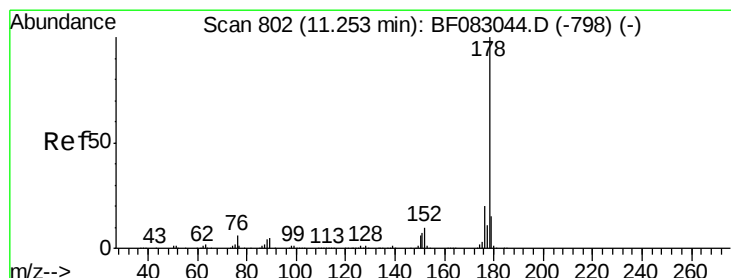
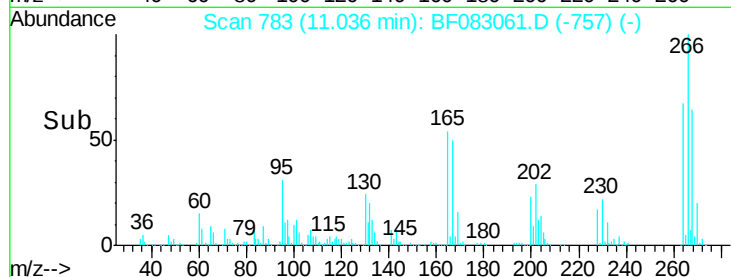
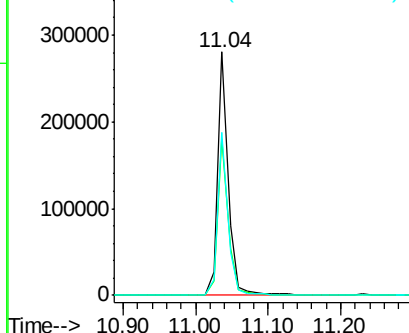
#69
 Pentachlorophenol
 Concen: 89.04 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

Tgt Ion: 266 Resp: 286540
 Ion Ratio Lower Upper
 266 100
 268 64.4 49.6 74.4
 264 66.8 52.7 79.1

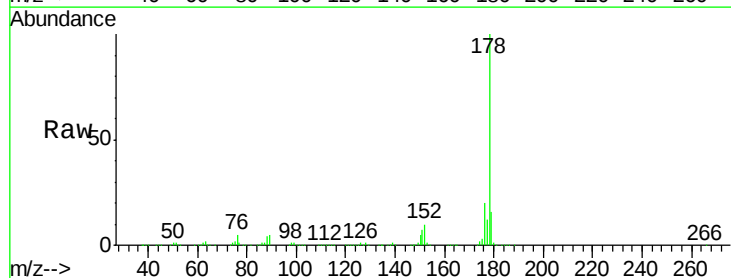


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

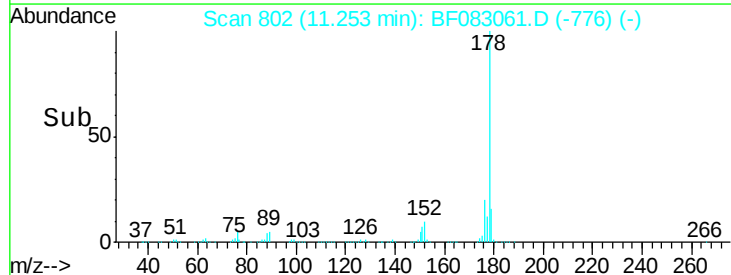
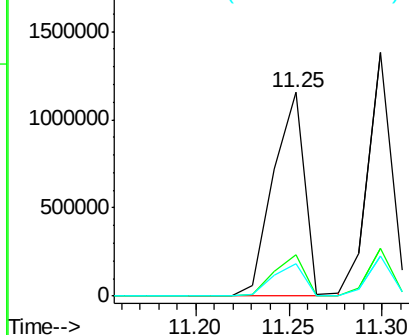


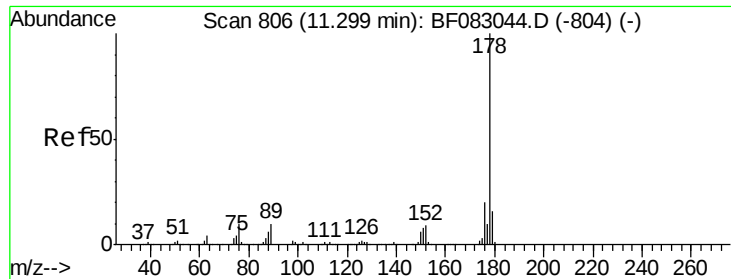
#70
 Phenanthrene
 Concen: 44.65 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion: 178 Resp: 1340765
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.6 23.4
 179 15.8 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

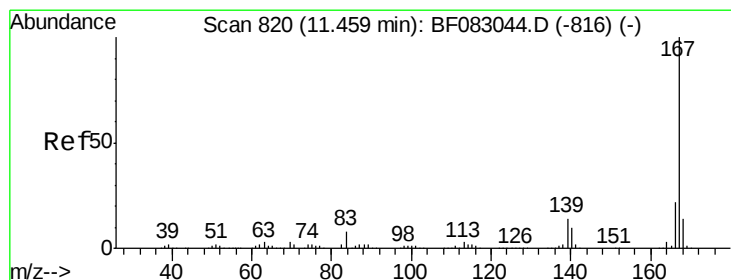
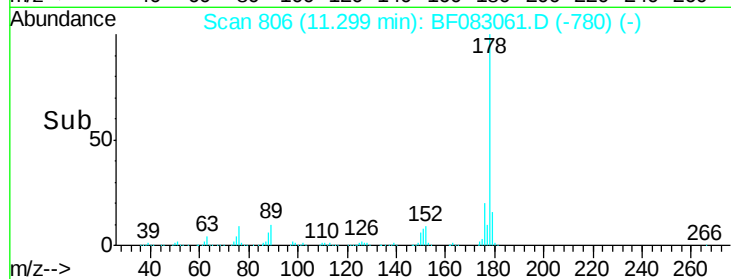
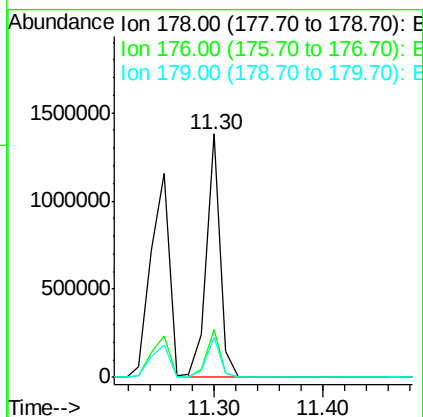
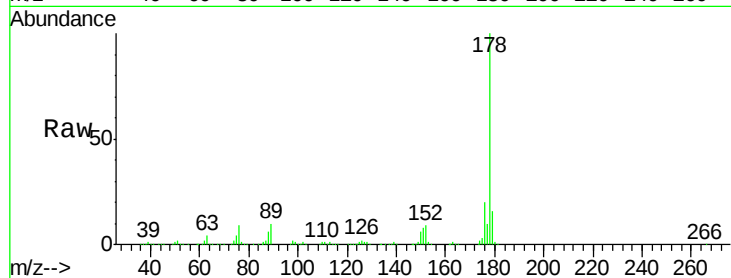




#71
 Anthracene
 Concen: 40.43 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

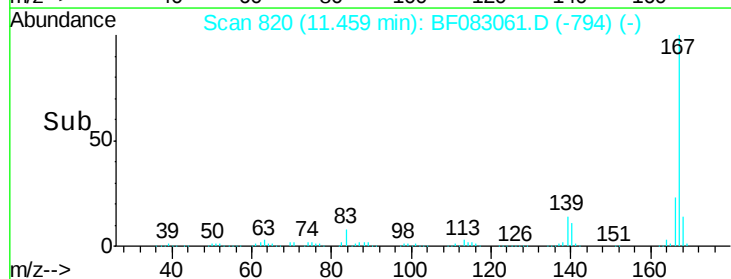
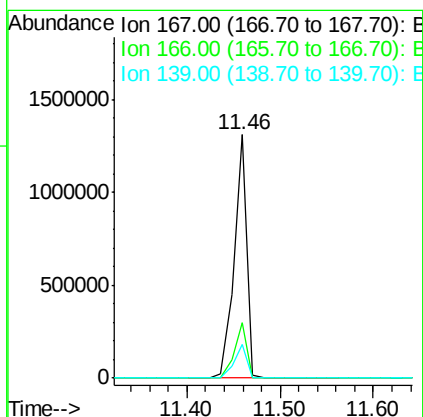
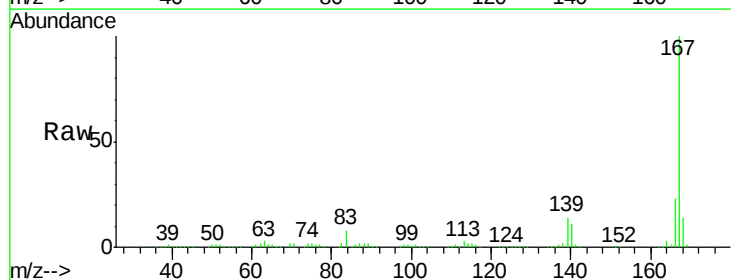
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

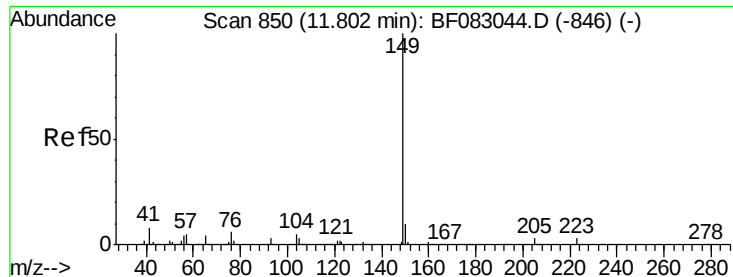
Tgt Ion:178 Resp: 1222984
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 16.3 13.1 19.7



#72
 Carbazole
 Concen: 47.10 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion:167 Resp: 1245438
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.6
 139 13.6 11.0 16.4





#73

Di-n-butylphthalate

Concen: 43.91 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

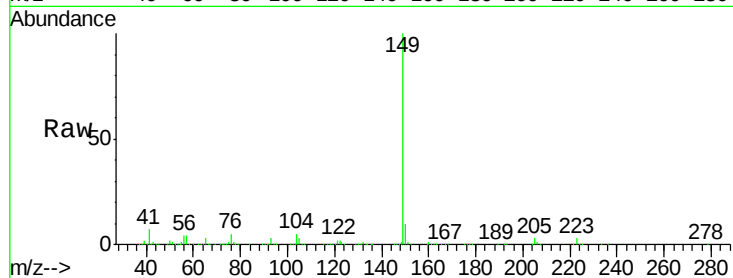
Tgt Ion:149 Resp: 1464194

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

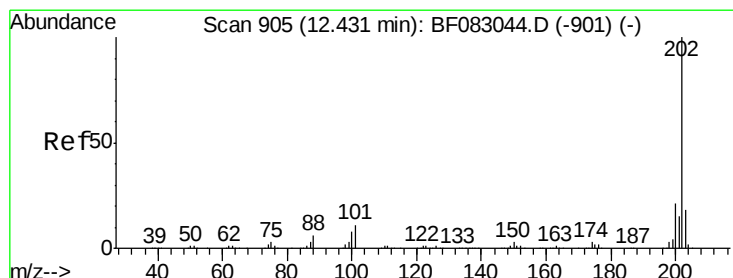
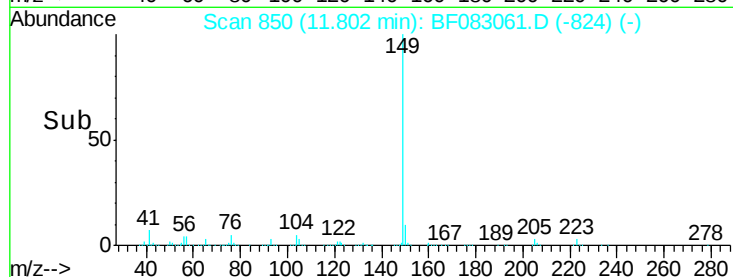
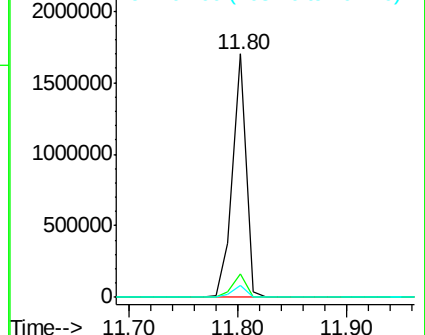
104 5.2 4.3 6.5



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: 40.94 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

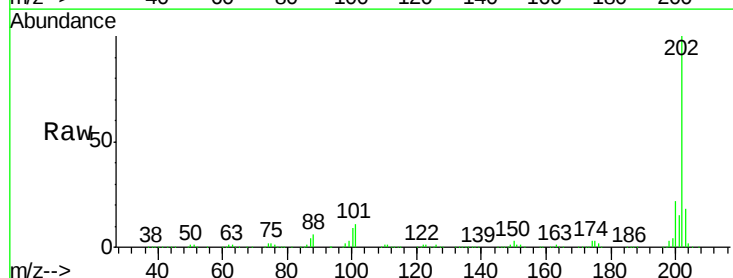
Tgt Ion:202 Resp: 1281318

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.1

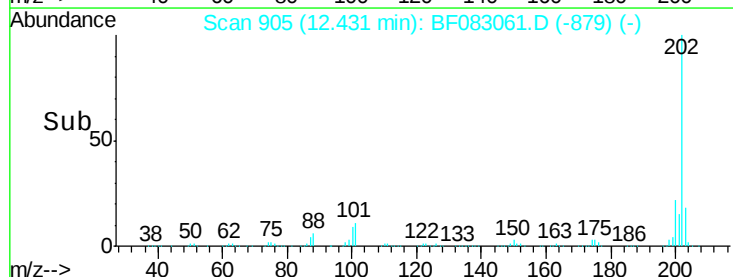
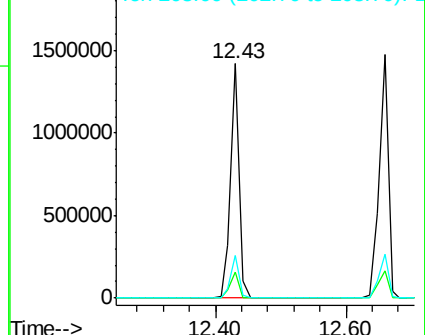
203 18.4 0.0 38.4

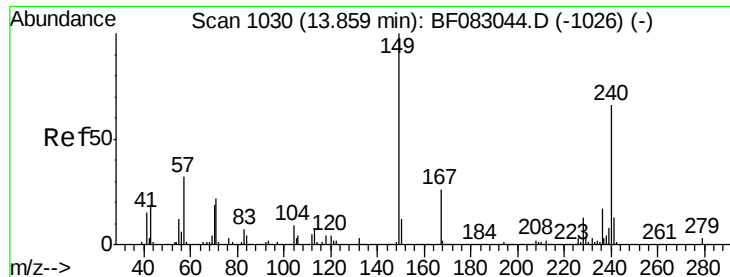


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

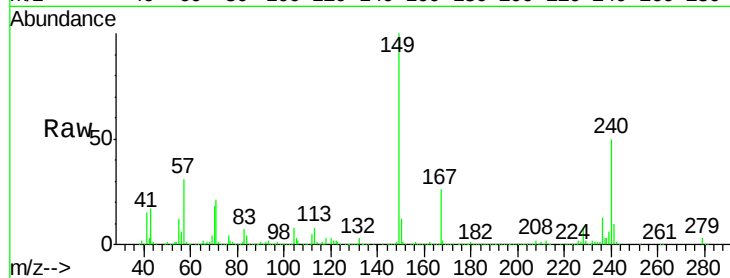
Tgt Ion:240 Resp: 460181

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

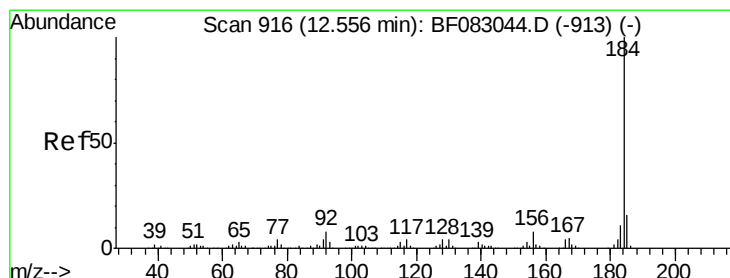
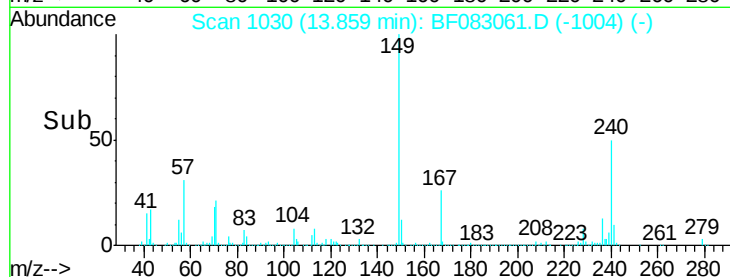
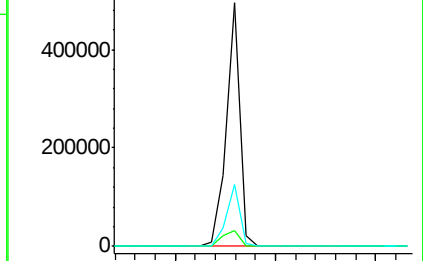
236 25.6 20.4 30.6



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



#76

Benzidine

Concen: 26.49 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

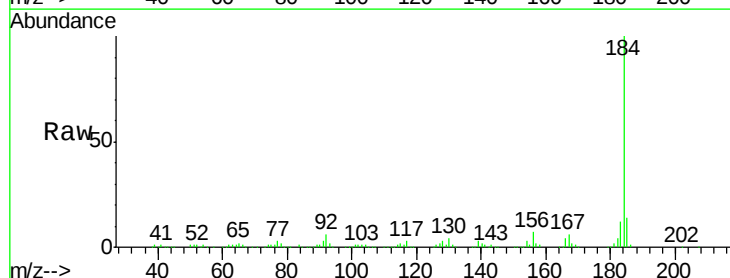
Tgt Ion:184 Resp: 398833

Ion Ratio Lower Upper

184 100

185 14.3 12.6 19.0

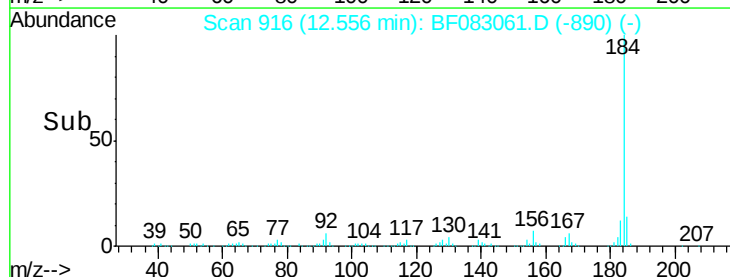
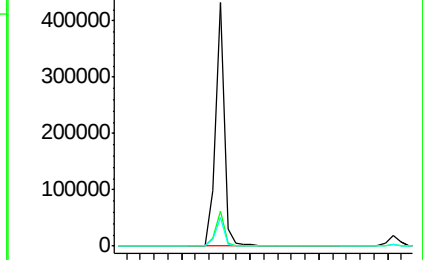
183 11.7 9.0 13.4

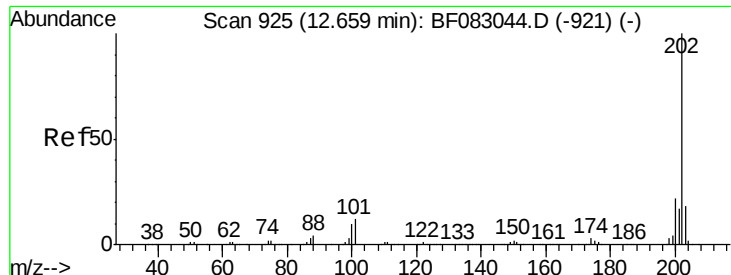


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



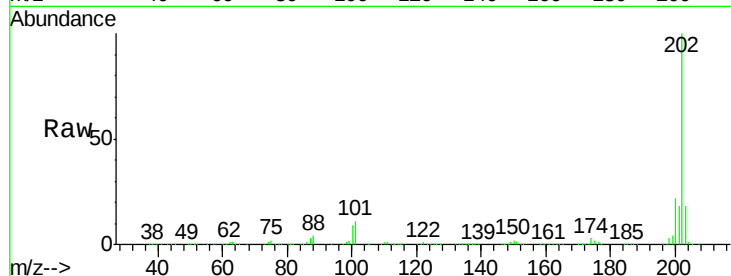


#77
 Pyrene
 Concen: 43.56 ng
 RT: 12.66 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

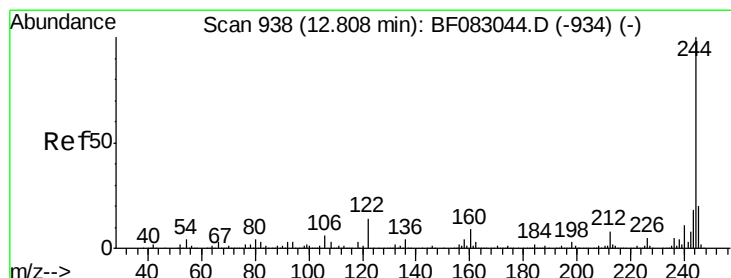
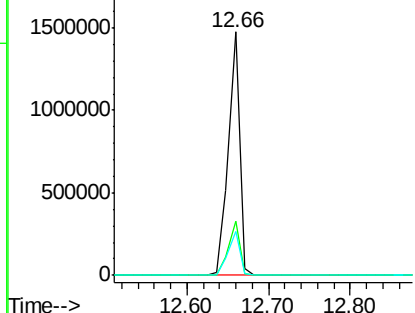
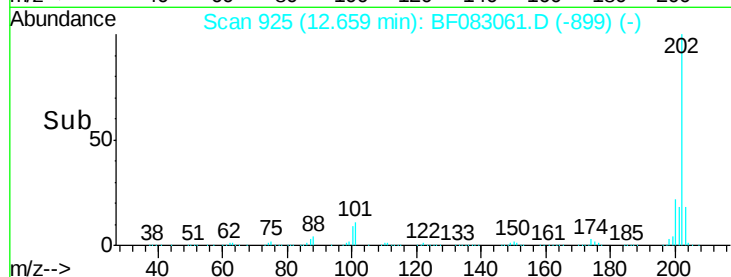
Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

Tgt Ion: 202 Resp: 1411159

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.2	14.6	22.0



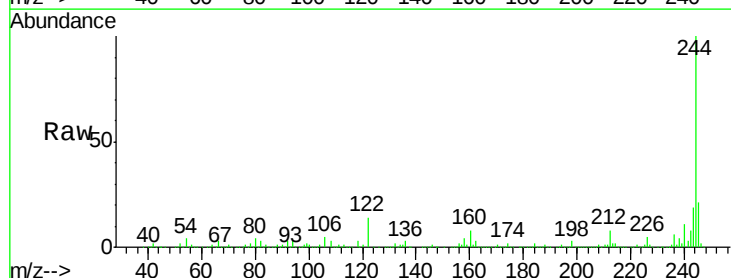
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



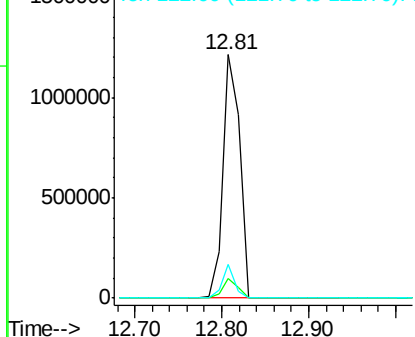
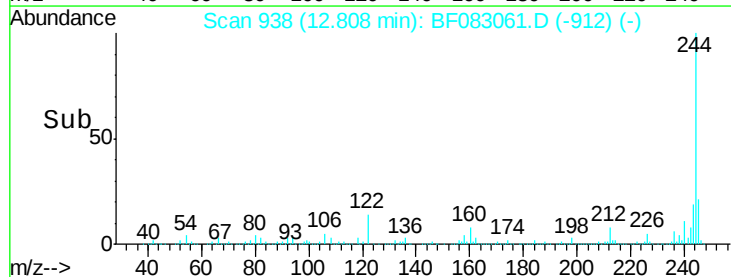
#78
 Terphenyl-d14
 Concen: 83.57 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

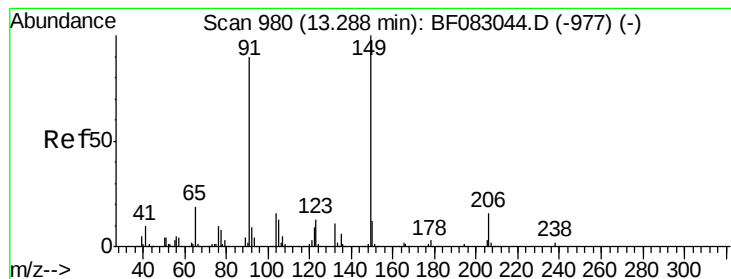
Tgt Ion: 244 Resp: 1628978

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	13.8	10.9	16.3



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





#79

Butylbenzylphthalate

Concen: 40.35 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

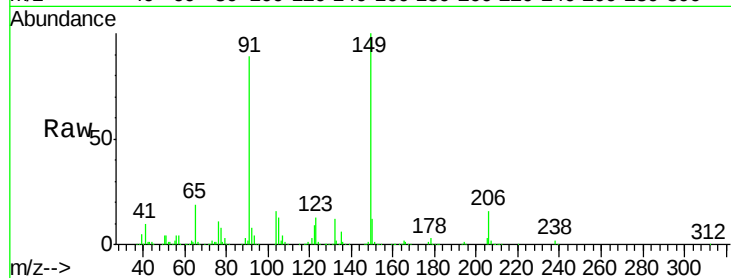
Tgt Ion:149 Resp: 577610

Ion Ratio Lower Upper

149 100

91 88.6 71.9 107.9

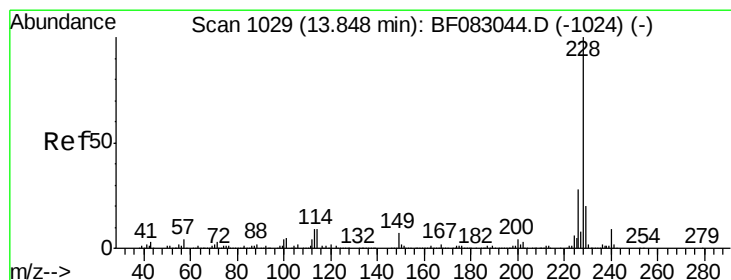
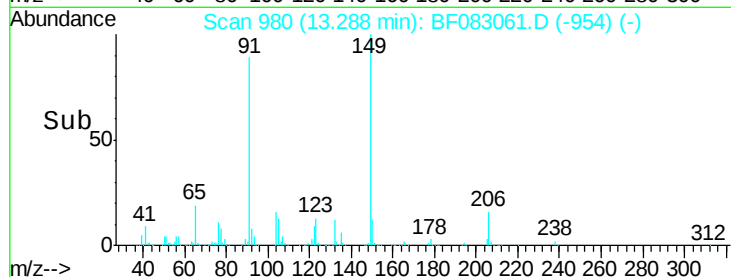
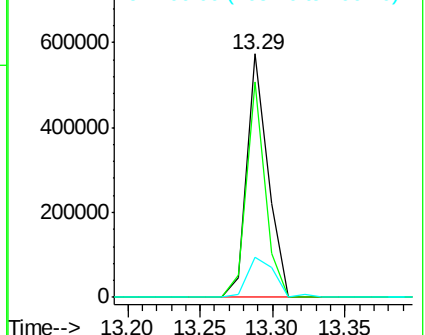
206 16.4 13.1 19.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.45 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

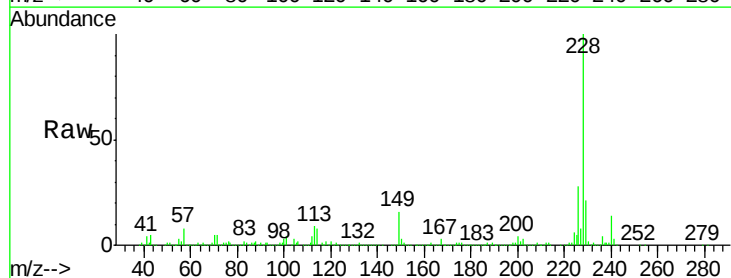
Tgt Ion:228 Resp: 1241400

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

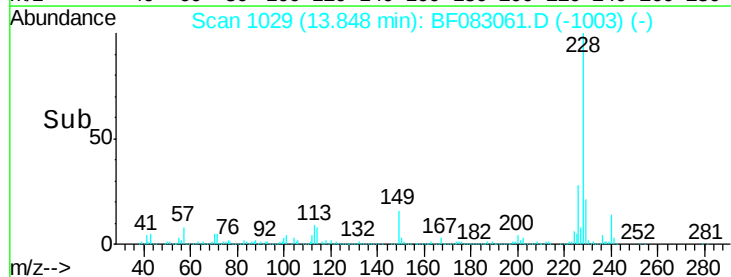
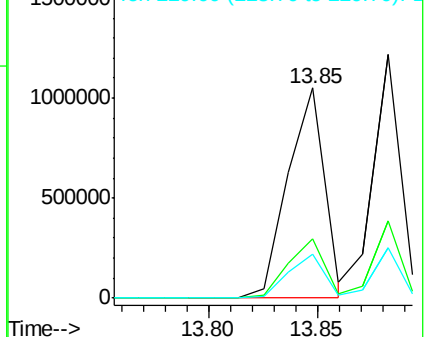
229 20.8 16.1 24.1

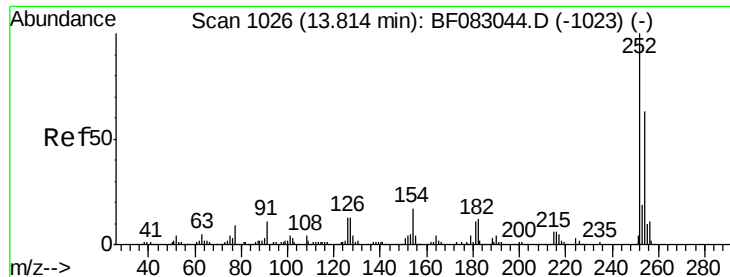


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

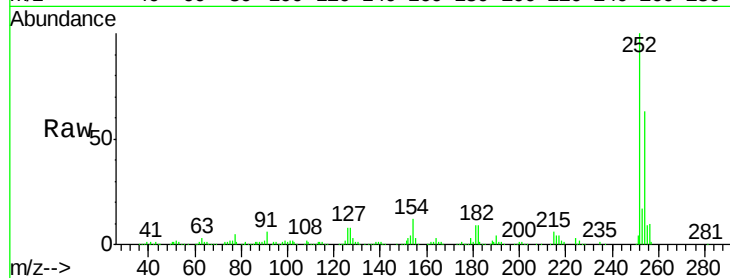




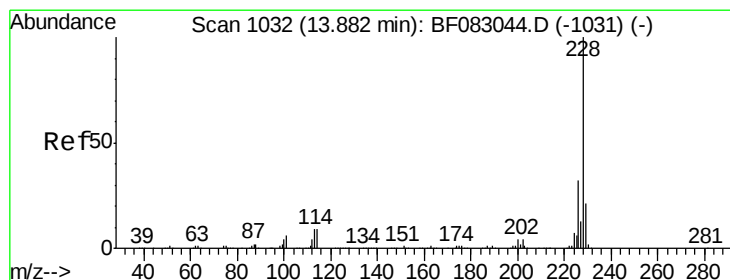
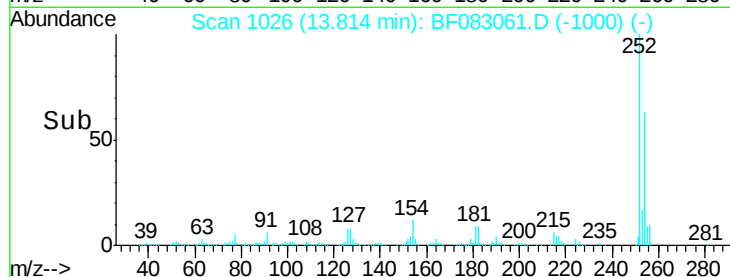
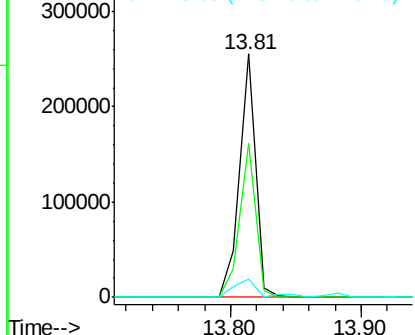
#81
 3,3'-Dichlorobenzidine
 Concen: 22.09 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PM-1350MSD

Tgt Ion:252 Resp: 217482
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.6 76.0
 126 7.6 10.2 15.4#

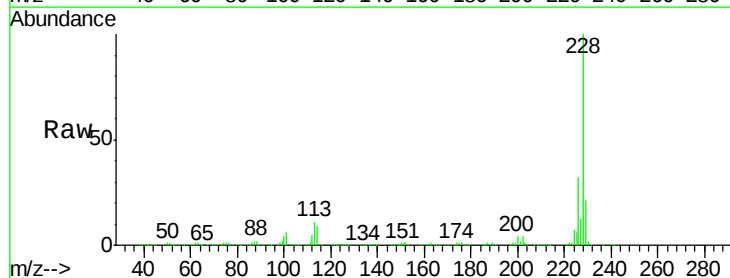


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

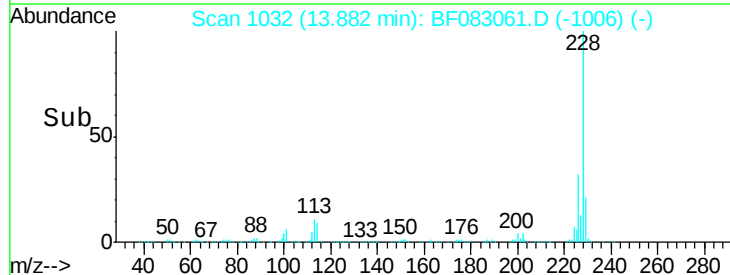
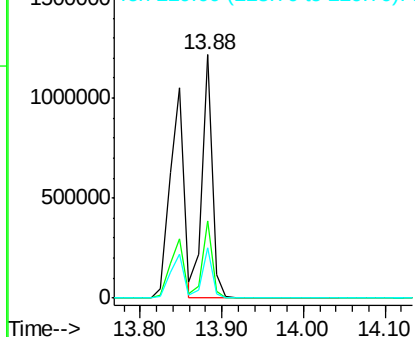


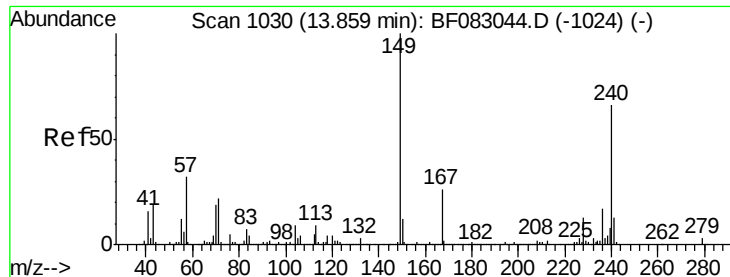
#82
 Chrysene
 Concen: 40.18 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF083061.D
 Acq: 20 Nov 2015 4:24

Tgt Ion:228 Resp: 1077474
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.3 37.9
 229 20.6 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: 45.38 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

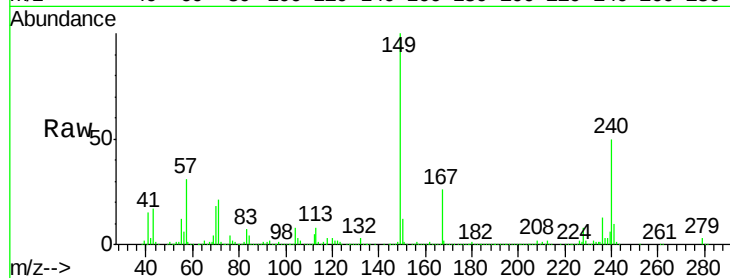
Tgt Ion:149 Resp: 849332

Ion Ratio Lower Upper

149 100

167 26.3 20.9 31.3

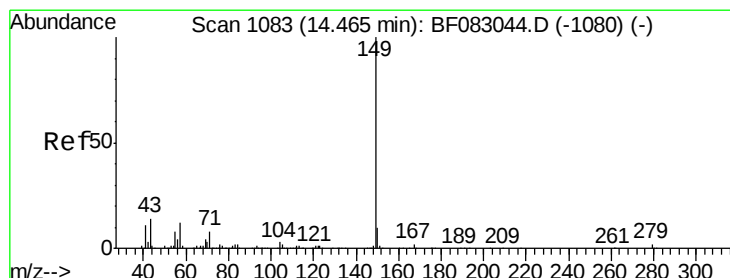
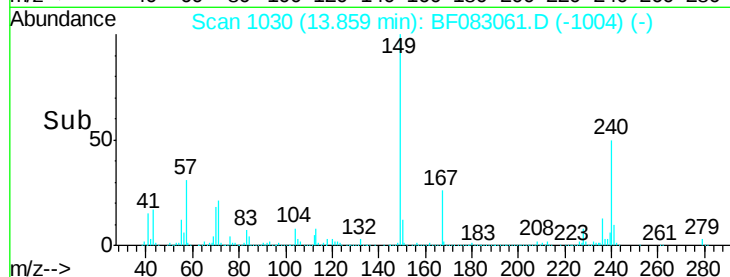
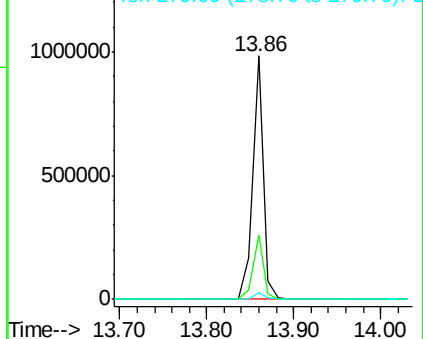
279 2.9 2.0 3.0



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: 45.19 ng

RT: 14.47 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

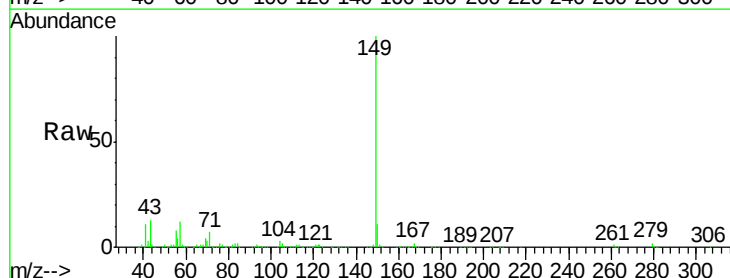
Tgt Ion:149 Resp: 1378123

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

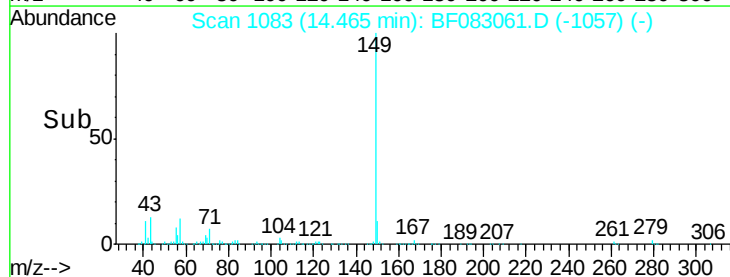
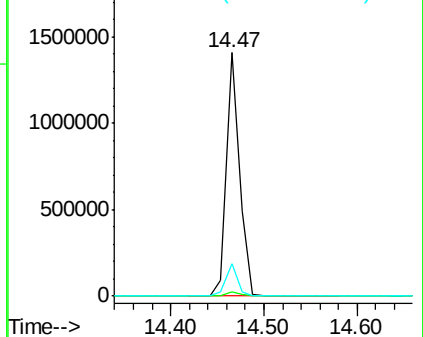
43 11.7 8.8 13.2

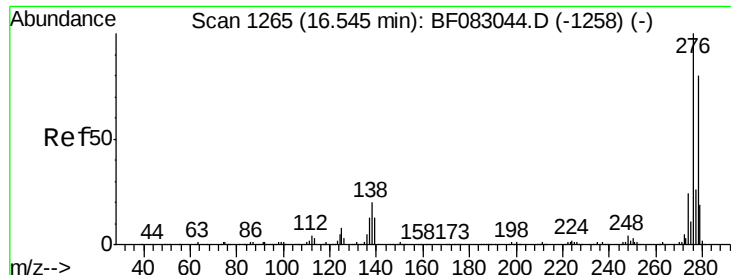


Abundance Ion 149.00 (148.70 to 149.70): E

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: 45.78 ng

RT: 16.53 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

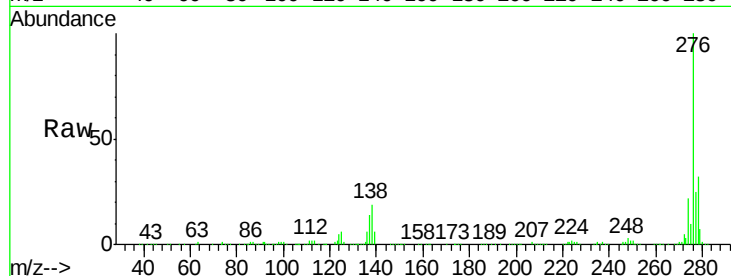
Tgt Ion:276 Resp: 998789

Ion Ratio Lower Upper

276 100

138 20.6 16.3 24.5

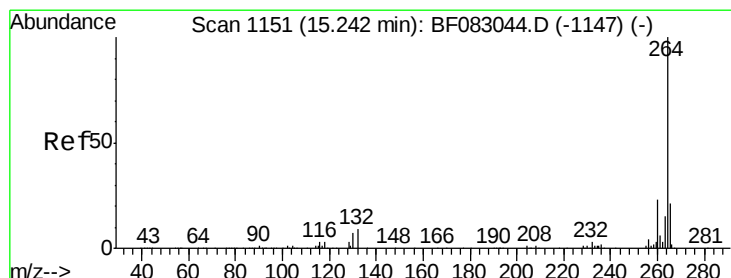
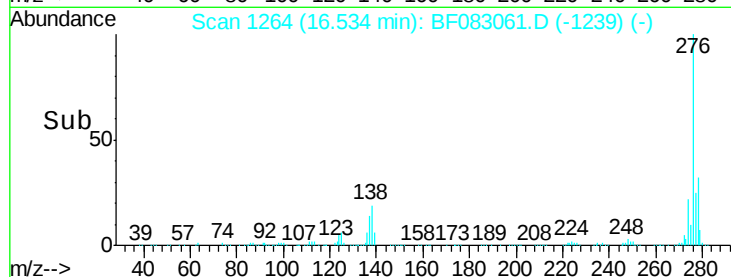
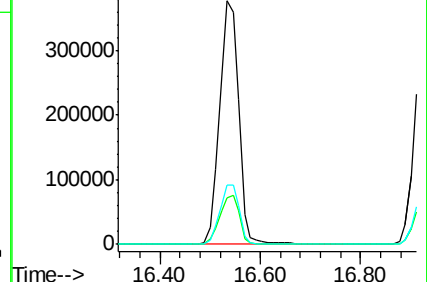
277 24.7 19.8 29.8



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: BF083061.D

Acq: 20 Nov 2015 4:24

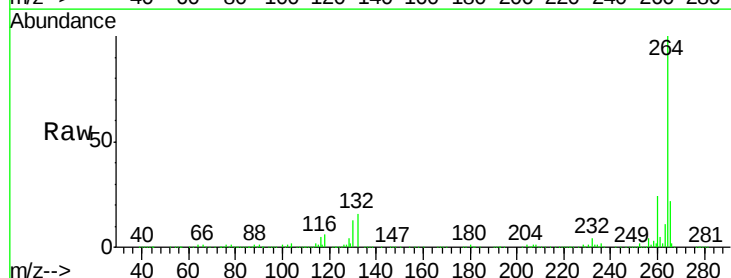
Tgt Ion:264 Resp: 410997

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

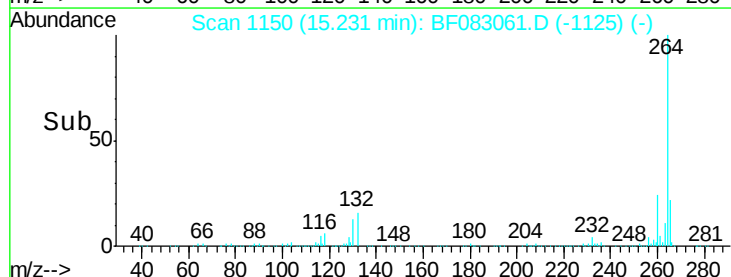
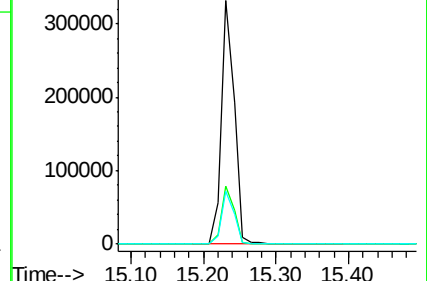
265 21.7 17.0 25.6

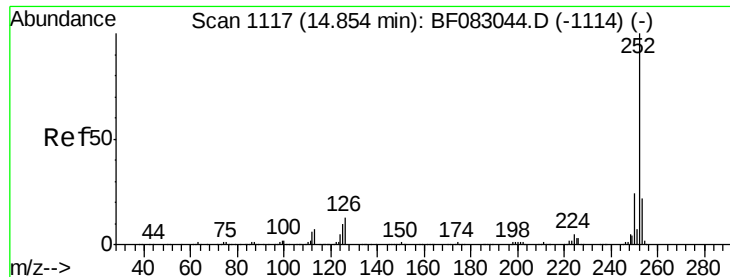


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 76.08 ng

RT: 14.89 min Scan# 1120

Delta R.T. 0.03 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

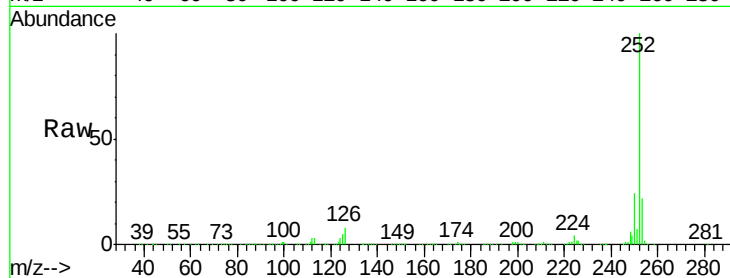
Tgt Ion:252 Resp: 2186413

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

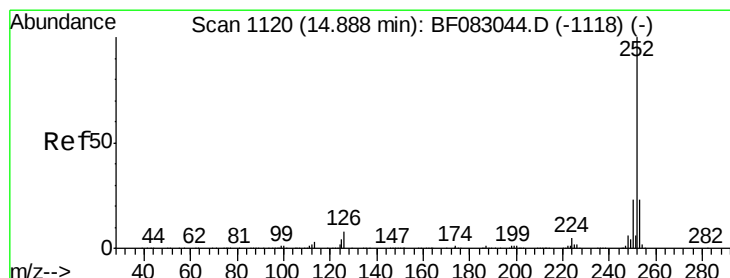
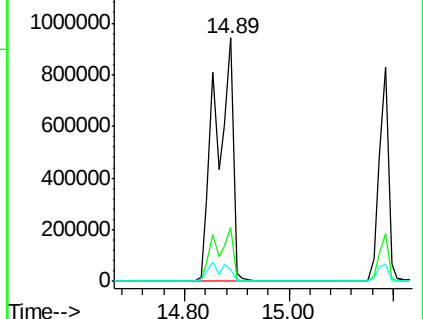
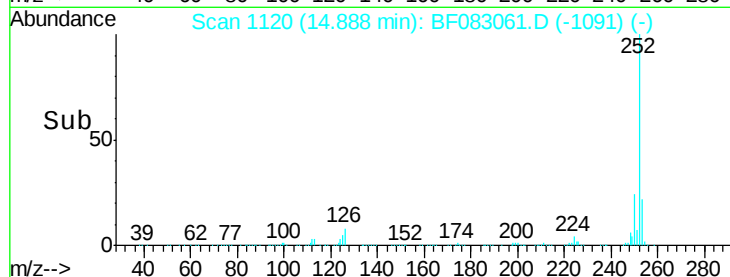
125 5.1 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 99.91 ng

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

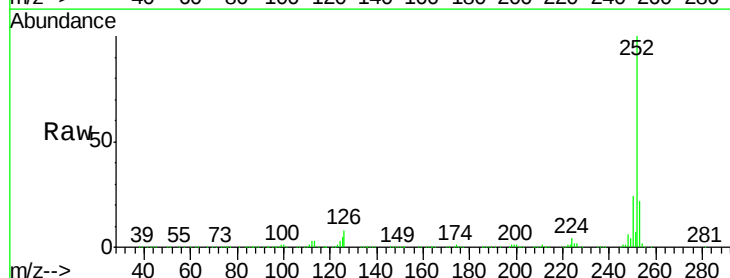
Tgt Ion:252 Resp: 2187272

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

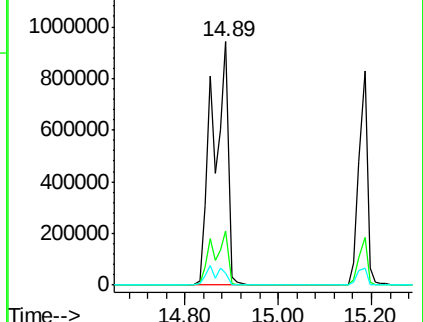
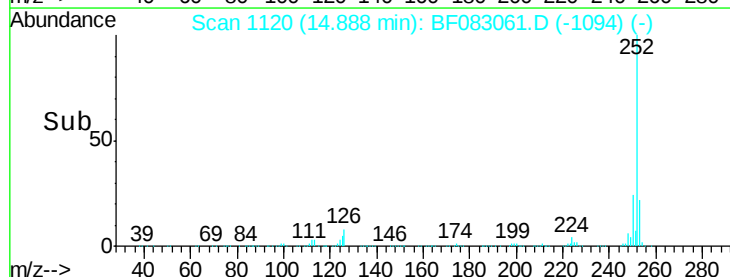
125 5.1 3.8 5.6

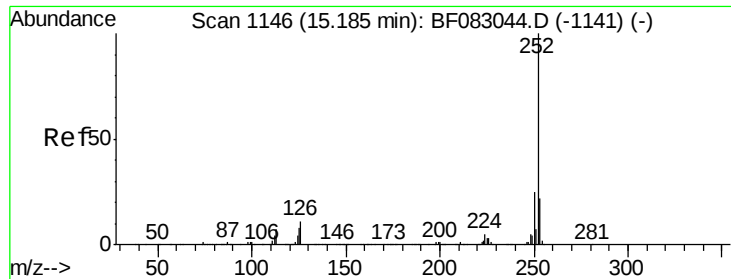


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.39 ng

RT: 15.19 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

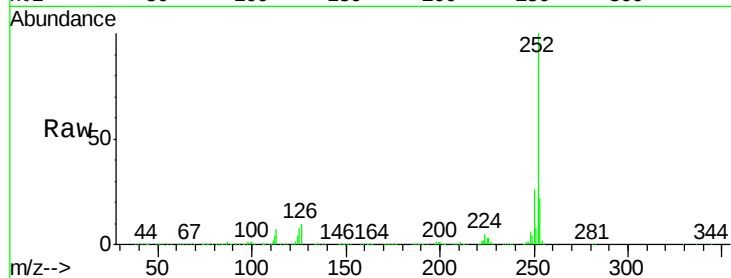
Tgt Ion:252 Resp: 1023781

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

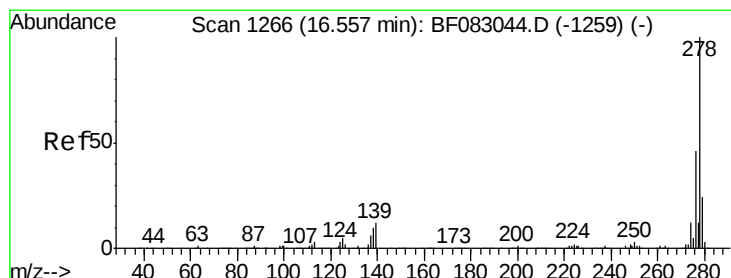
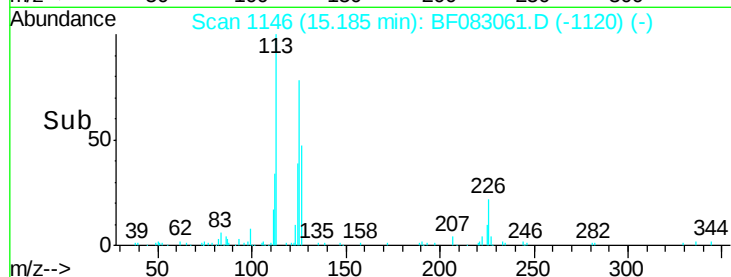
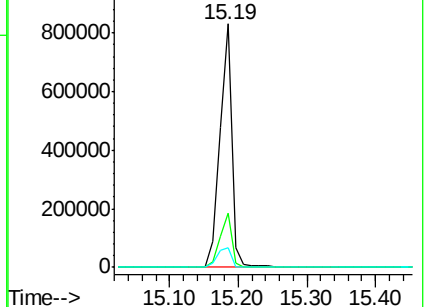
125 8.1 6.4 9.6



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: 42.39 ng

RT: 16.56 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

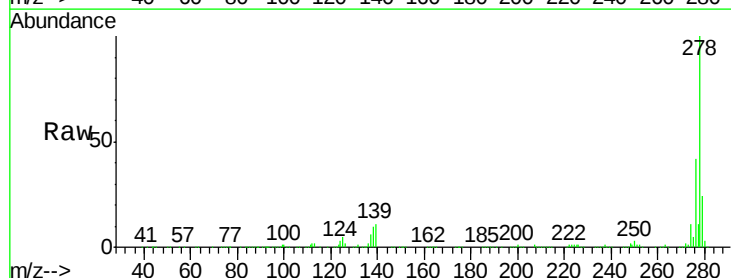
Tgt Ion:278 Resp: 850797

Ion Ratio Lower Upper

278 100

139 11.2 9.8 14.8

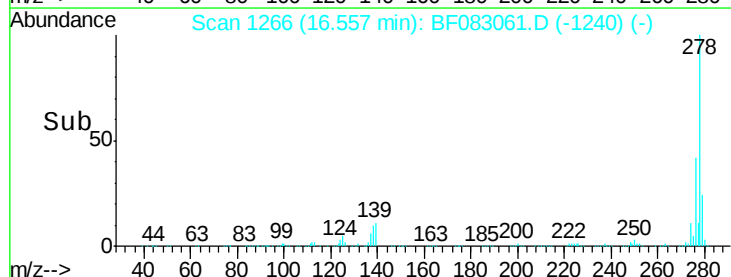
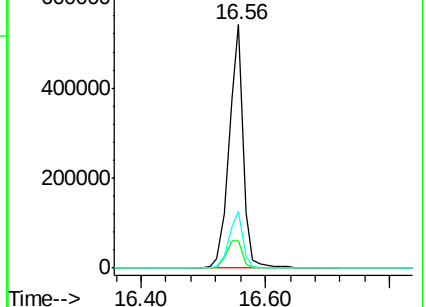
279 23.6 19.6 29.4

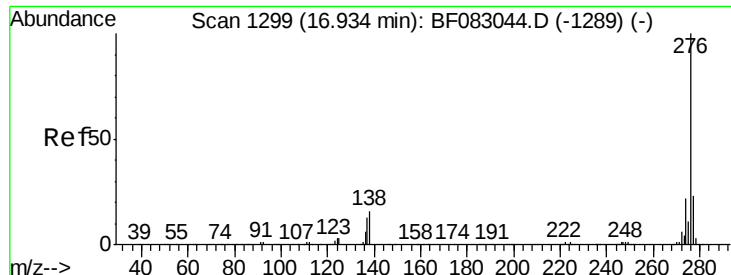


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.06 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF083061.D

Acq: 20 Nov 2015 4:24

Instrument :

BNA_F

ClientSampleId :

PM-1350MSD

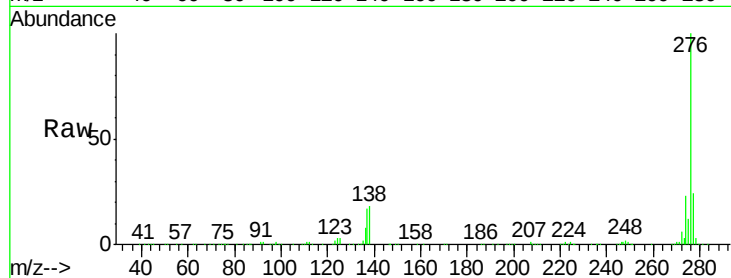
Tgt Ion: 276 Resp: 784274

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 18.1 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

