

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083162.D
 Acq On : 22 Nov 2015 16:46
 Operator : UM/IZ
 Sample : SP3503
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP3503

Quant Time: Nov 23 03:38:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	188256	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	721920	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	315022	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	646543	20.00	ng	0.00
75) Chrysene-d12	13.81	240	360944	20.00	ng	0.00
86) Perylene-d12	15.17	264	432826	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.46	99	133236	8.27	ng	0.11
23) Nitrobenzene-d5	7.18	82	224580	14.21	ng	-0.06
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.99	172	2568	0.11	ng	-0.03
78) Terphenyl-d14	12.74	244	284	0.02	ng	-0.02

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	2.81	42	1591106	211.75	ng	100
6) Aniline	6.34	93	4077398	207.08	ng	# 81
8) 2-Chlorophenol	6.46	128	2285078	169.85	ng	97
9) Benzaldehyde	6.34	77	83692	7.68	ng	# 5
10) Phenol	6.35	94	3086461	158.36	ng	82
11) bis(2-Chloroethyl)ether	6.41	93	2404000	172.73	ng	93
12) 1,3-Dichlorobenzene	6.67	146	2378495	154.84	ng	98
13) 1,4-Dichlorobenzene	6.67	146	2383581	153.40	ng	97
14) 1,2-Dichlorobenzene	6.83	146	2125002	150.47	ng	97
15) Benzyl Alcohol	6.84	79	2219391	164.85	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	3459150	159.39	ng	92
17) 2-Methylphenol	6.96	107	1837138	165.03	ng	94
18) Hexachloroethane	7.18	117	919479	167.99	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	2053937	183.18	ng	# 91
20) 3+4-Methylphenols	7.13	107	2367649	168.24	ng	96
24) Nitrobenzene	7.27	77	3053311	180.87	ng	# 89
25) Isophorone	7.53	82	5307997	177.44	ng	99
26) 2-Nitrophenol	7.58	139	1193762	160.18	ng	# 86
27) 2,4-Dimethylphenol	7.66	122	2207434	185.59	ng	93
28) bis(2-Chloroethoxy)methane	7.72	93	2687115	154.50	ng	97
29) 2,4-Dichlorophenol	7.84	162	1911461	168.97	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1794883	144.45	ng	95
31) Naphthalene	7.98	128	4974017	127.67	ng	# 92
32) Benzoic acid	7.66	122	2206279	238.64	ng	# 12
33) 4-Chloroaniline	8.04	127	2642068	174.78	ng	95
34) Hexachlorobutadiene	8.10	225	1135723	154.66	ng	97
35) Caprolactam	8.52	113	53919	14.87	ng	# 11
36) 4-Chloro-3-methylphenol	8.52	107	1895907	144.69	ng	90
37) 2-Methylnaphthalene	8.67	142	3907937	154.55	ng	97
40) Hexachlorocyclopentadiene	8.82	237	1098713	189.24	ng	97
42) 2,4,6-Trichlorophenol	8.95	196	1244869	170.24	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	1375419	183.96	ng	# 92
46) 2-Chloronaphthalene	9.15	162	3548524	168.50	ng	# 89
47) 2-Nitroaniline	9.27	65	1512212	202.99	ng	91

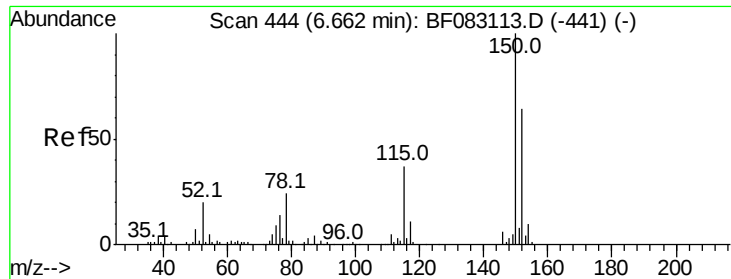
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083162.D
 Acq On : 22 Nov 2015 16:46
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Quant Time: Nov 23 03:38:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	9.58	152	5392438	165.22	nq	94
49) Dimethylphthalate	9.47	163	4299082	177.26	nq	98
50) 2,6-Dinitrotoluene	9.52	165	957133	175.88	nq	94
51) Acenaphthene	9.75	154	3338147	168.06	nq	98
52) 3-Nitroaniline	9.70	138	1300944	224.23	nq	93
53) 2,4-Dinitrophenol	9.79	184	637232	203.25	nq #	76
54) Dibenzofuran	9.92	168	4636120	165.07	nq	96
55) 4-Nitrophenol	9.92	139	2831462	636.41	nq #	1
56) 2,4-Dinitrotoluene	9.93	165	1255495	182.08	nq #	47
57) Fluorene	10.26	166	3577132	154.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	1091842	178.01	nq	95
59) Diethylphthalate	10.16	149	4187190	173.44	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	1473644	138.62	nq	93
61) 4-Nitroaniline	10.33	138	1072924	187.83	nq	91
62) Azobenzene	10.41	77	4660605	169.14	nq	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	807284	181.22	nq	98
65) n-Nitrosodiphenylamine	10.39	169	3479807	158.25	nq	97
66) 4-Bromophenyl-phenylether	10.73	248	1115885	155.54	nq #	85
67) Hexachlorobenzene	10.80	284	1170198	148.11	nq	96
68) Atrazine	10.99	200	161865	25.35	nq #	37
69) Pentachlorophenol	10.99	266	822427	159.81	nq	97
70) Phenanthrene	11.26	178	5145891	138.15	nq	94
71) Anthracene	11.26	178	5145891	135.40	nq	94
72) Carbazole	11.42	167	4926787	145.85	nq #	94
73) Di-n-butylphthalate	11.76	149	5724280	138.83	nq #	95
74) Fluoranthene	12.39	202	4949677	129.83	nq	93
77) Pyrene	12.62	202	5369103	217.73	nq	94
79) Butylbenzylphthalate	13.24	149	2797079	239.67	nq	97
80) Benzo(a)anthracene	13.79	228	4610736	206.55	nq	97
82) Chrysene	13.84	228	3668534	177.21	nq	96
83) Bis(2-ethylhexyl)phthalate	13.81	149	2949869	193.53	nq #	94
84) Di-n-octyl phthalate	14.41	149	5178484	197.35	nq	97
85) Indeno(1,2,3-cd)pyrene	16.49	276	4716946	250.51	nq	96
87) Benzo(b)fluoranthene	14.83	252	7594677	256.80	nq #	91
88) Benzo(k)fluoranthene	14.83	252	7594677	344.68	nq #	93
89) Benzo(a)pyrene	15.13	252	4052158	165.96	nq #	95
90) Dibenzo(a,h)anthracene	16.49	278	3831410	172.75	nq #	95
91) Benzo(g,h,i)perylene	16.86	276	3974887	183.58	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampled :

SP3503

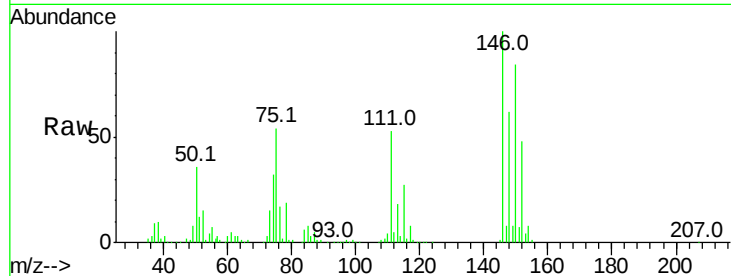
Tot Ion:152 Resp: 188256

Ion Ratio Lower Upper

152 100

150 173.5 125.8 188.8

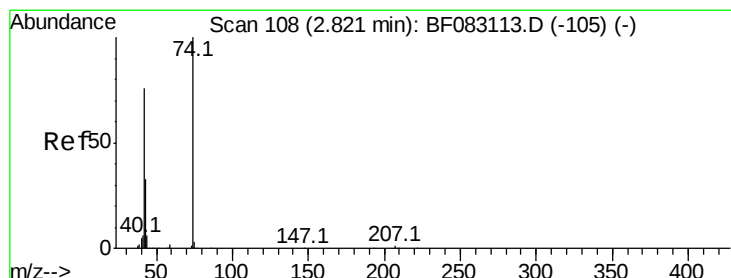
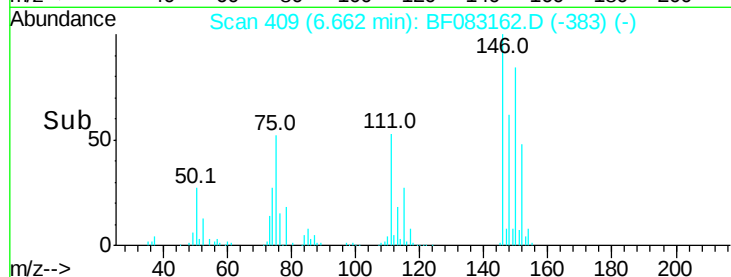
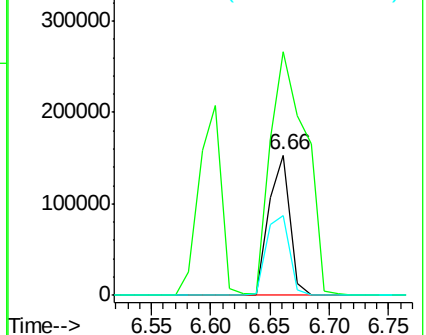
115 56.7 46.9 70.3



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



#4

n-Nitrosodimethylamine

Concen: 211.75 ng

RT: 2.81 min Scan# 72

Delta R.T. -0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

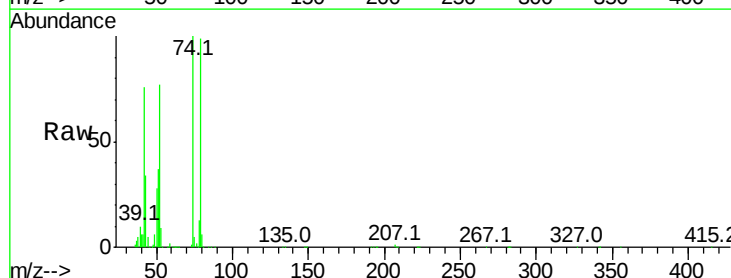
Tgt Ion: 42 Resp: 1591106

Ion Ratio Lower Upper

42 100

74 130.8 104.8 157.2

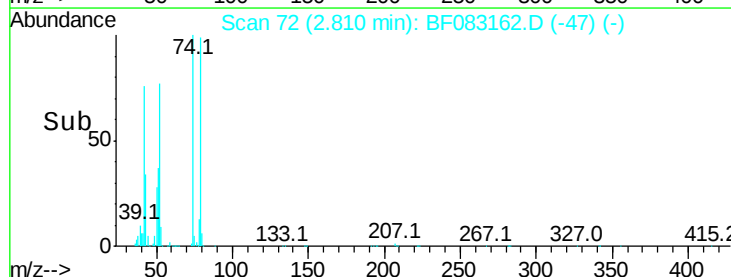
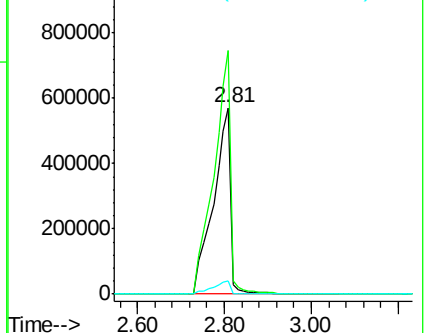
44 7.1 6.2 9.4

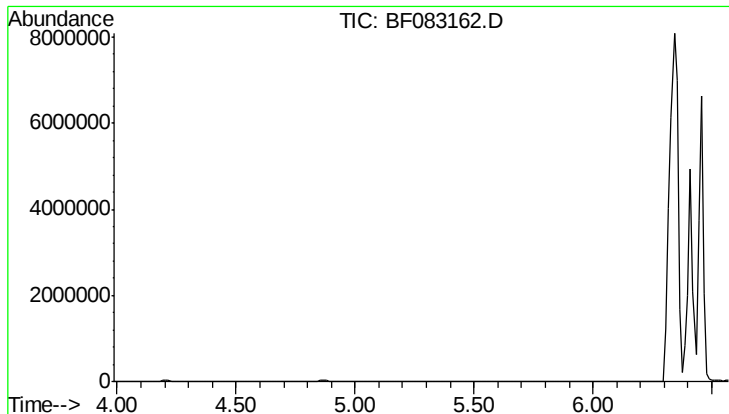


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

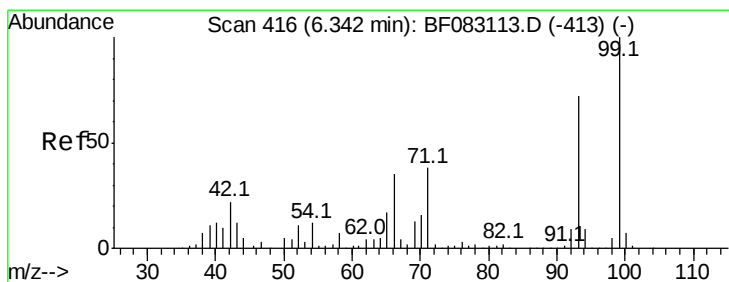
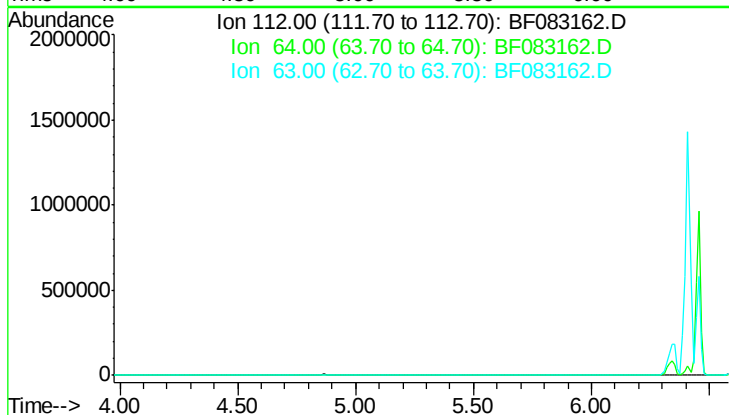




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.28 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

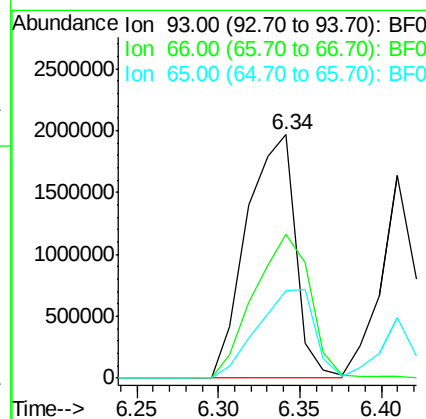
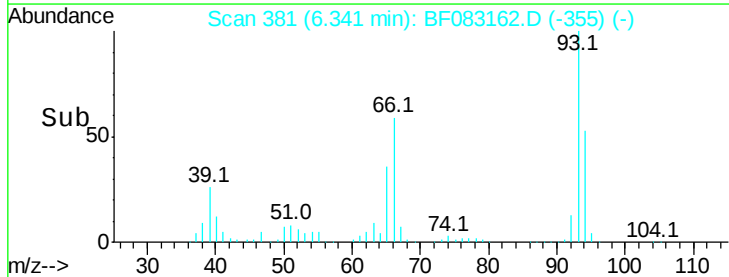
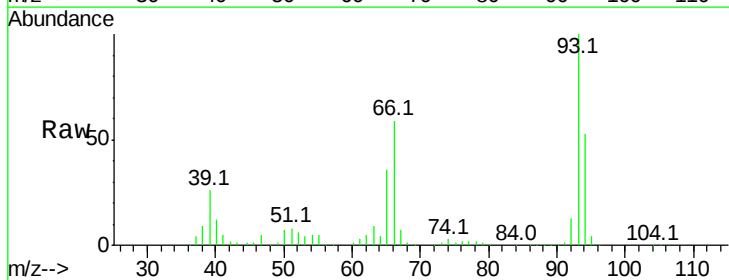
Instrument :
 BNA_F
 ClientSampleId :
 SP3503

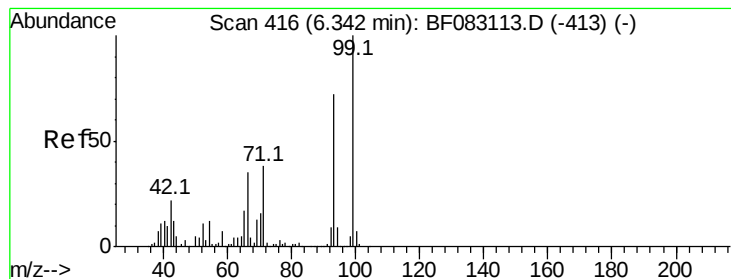
Tot Ion: 112
 Sig Exp Ratio
 112 100
 64 73.0
 63 37.5



#6
 Aniline
 Concen: 207.08 ng
 RT: 6.34 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion: 93 Resp: 4077398
 Ion Ratio Lower Upper
 93 100
 66 59.1 38.7 58.1#
 65 36.0 18.6 27.8#





#7

Phenol-d6

Concen: 8.27 ng

RT: 6.46 min Scan# 391

Delta R.T. 0.11 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

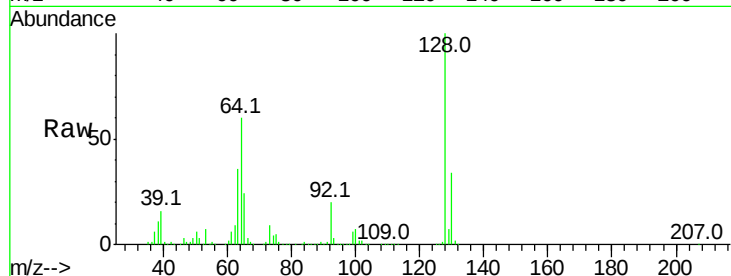
Tot Ion: 99 Resp: 133236

Ion Ratio Lower Upper

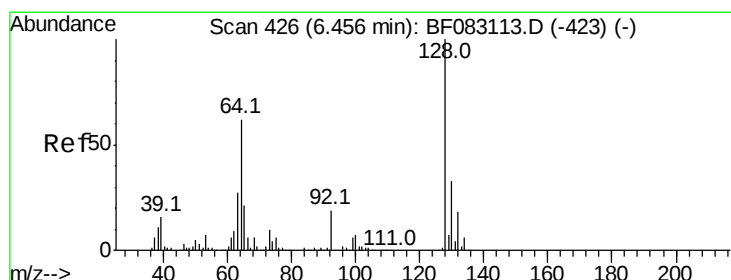
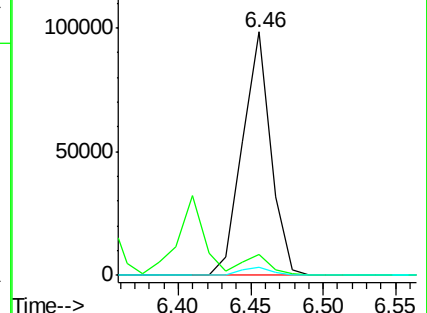
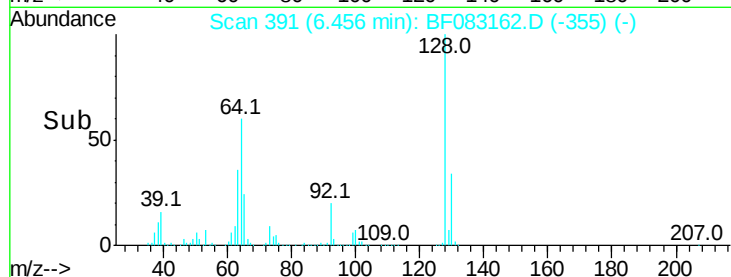
99 100

42 8.8 17.7 26.5#

71 3.2 30.2 45.4#



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: 169.85 ng

RT: 6.46 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

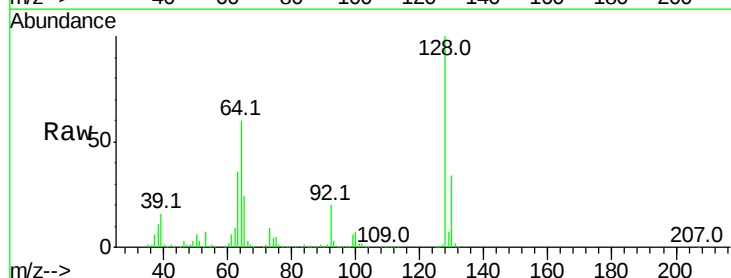
Tgt Ion:128 Resp: 2285078

Ion Ratio Lower Upper

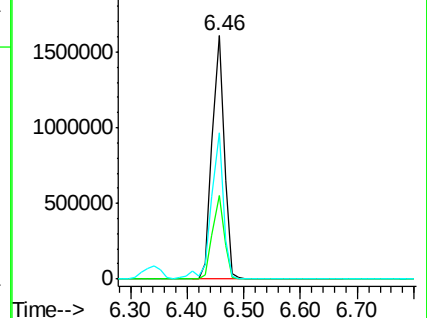
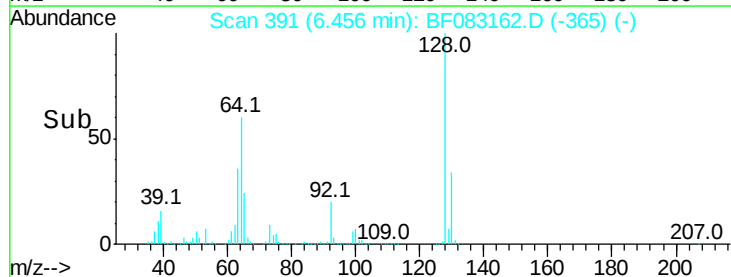
128 100

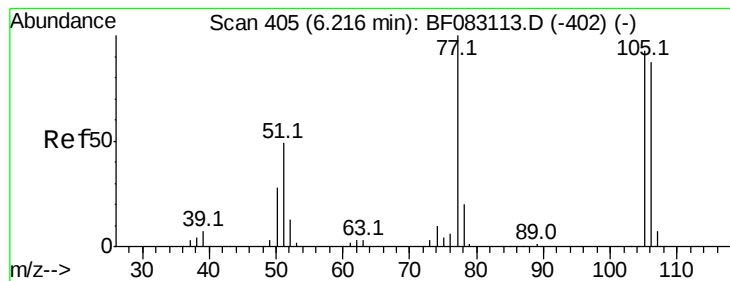
130 34.4 12.6 52.6

64 59.9 41.9 81.9



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: 7.68 ng

RT: 6.34 min Scan# 381

Delta R.T. 0.13 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleID :

SP3503

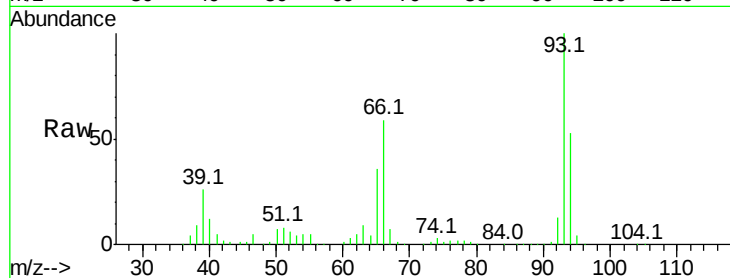
Tot Ion: 77 Resp: 83692

Ion Ratio Lower Upper

77 100

105 1.7 73.4 113.4#

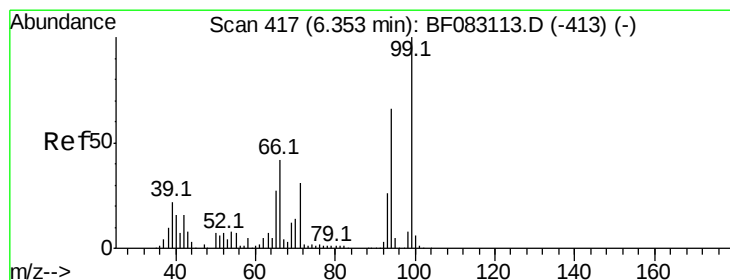
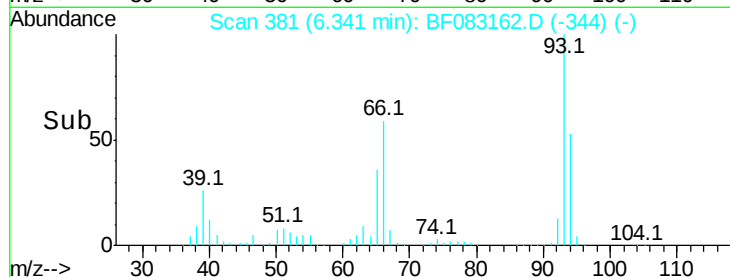
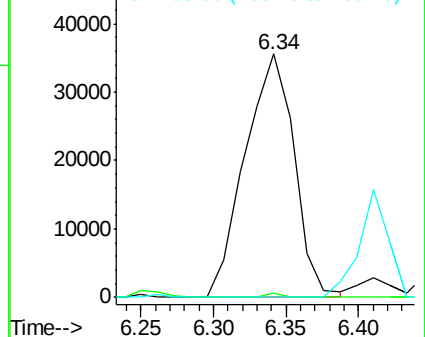
106 0.0 67.5 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 158.36 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

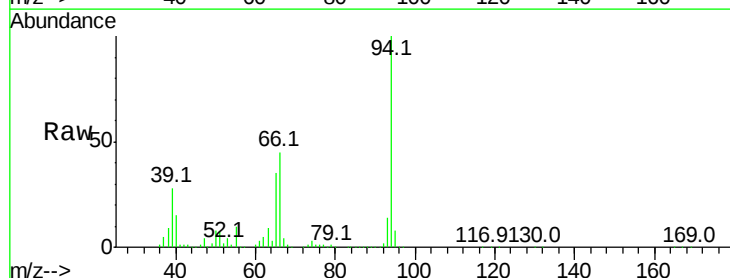
Tgt Ion: 94 Resp: 3086461

Ion Ratio Lower Upper

94 100

65 34.8 21.1 61.1

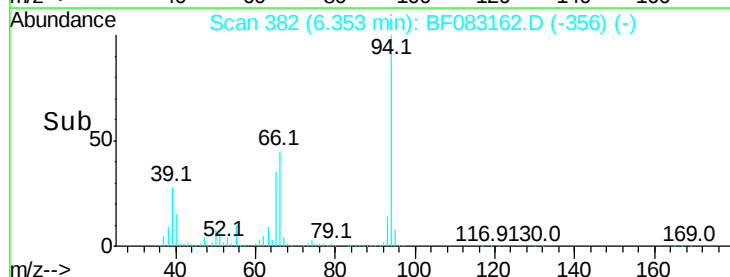
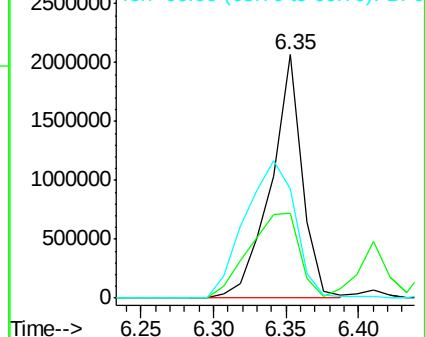
66 45.0 43.1 83.1

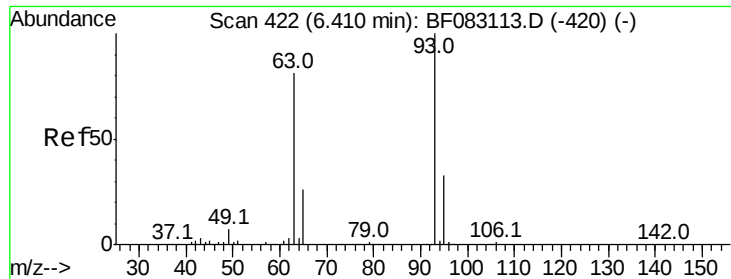


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 172.73 ng

RT: 6.41 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

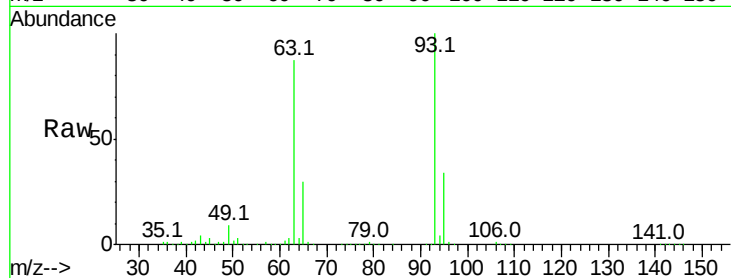
Tot Ion: 93 Resp: 2404000

Ion Ratio Lower Upper

93 100

63 87.1 59.8 99.8

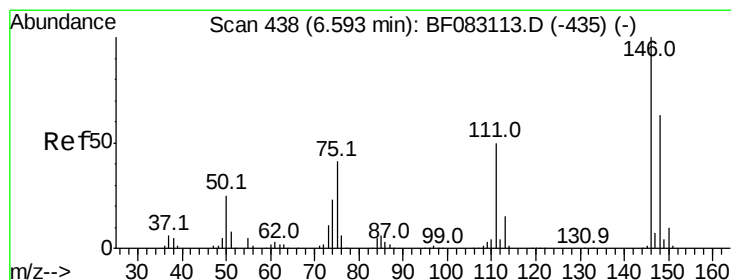
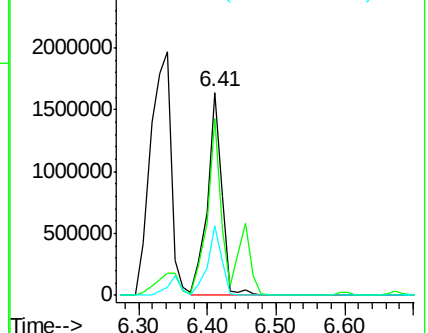
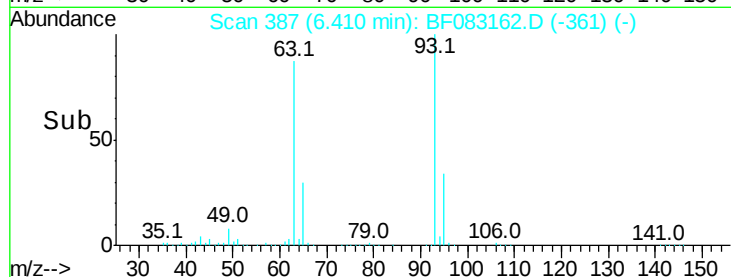
95 34.4 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 154.84 ng

RT: 6.67 min Scan# 410

Delta R.T. 0.08 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

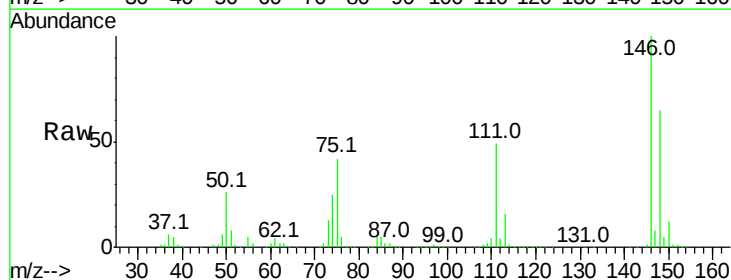
Tgt Ion:146 Resp: 2378495

Ion Ratio Lower Upper

146 100

148 64.6 50.2 75.2

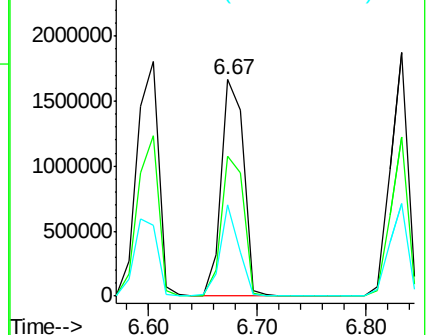
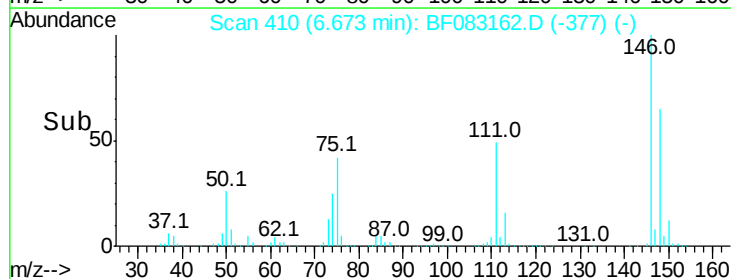
75 42.2 32.7 49.1

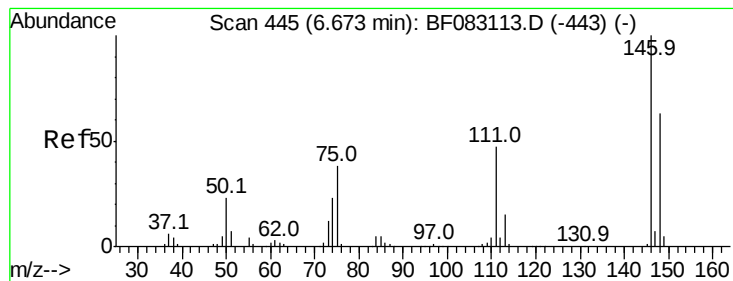


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 153.40 ng

RT: 6.67 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampled :

SP3503

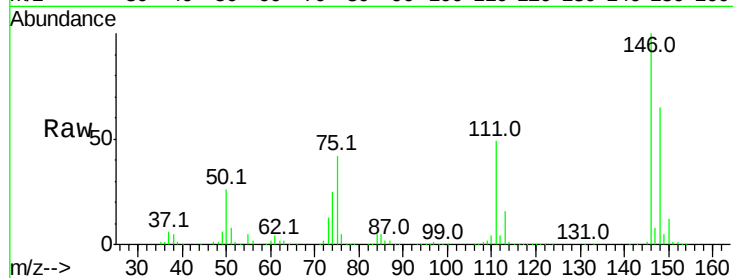
Tot Ion:146 Resp: 2383581

Ion Ratio Lower Upper

146 100

148 64.6 50.2 75.2

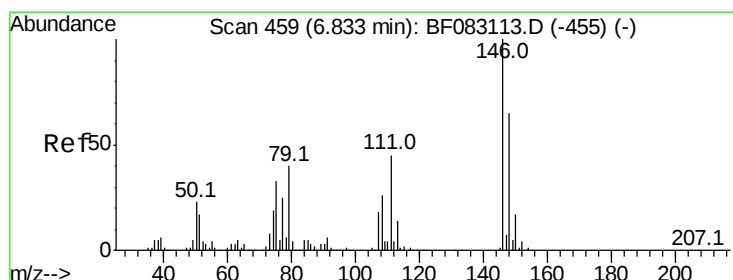
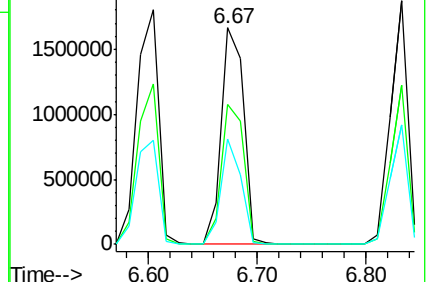
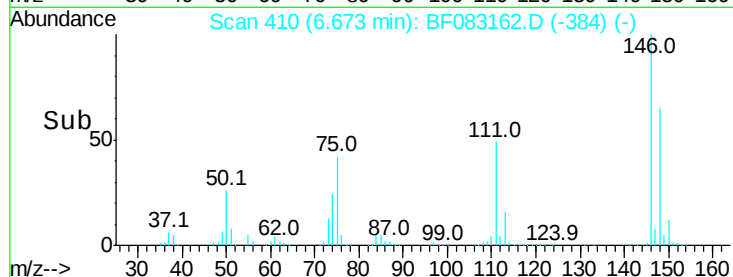
111 48.7 37.5 56.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 150.47 ng

RT: 6.83 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

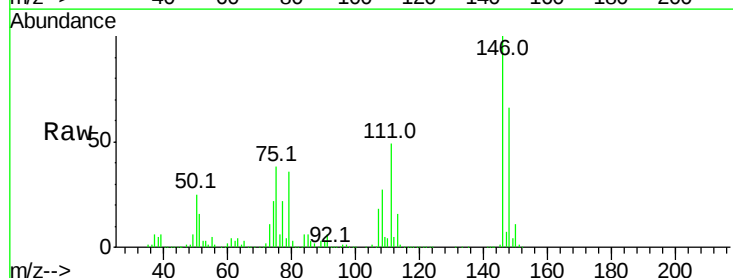
Tgt Ion:146 Resp: 2125002

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.6

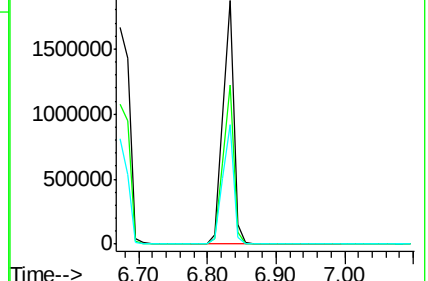
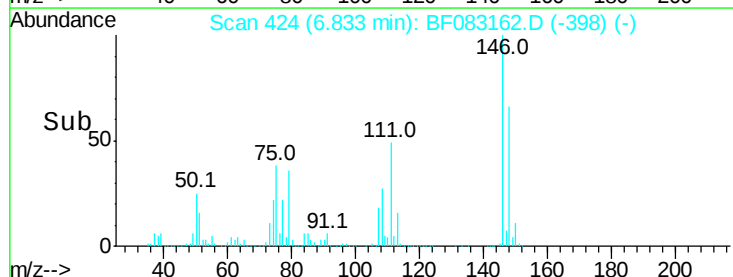
111 49.0 36.2 54.4

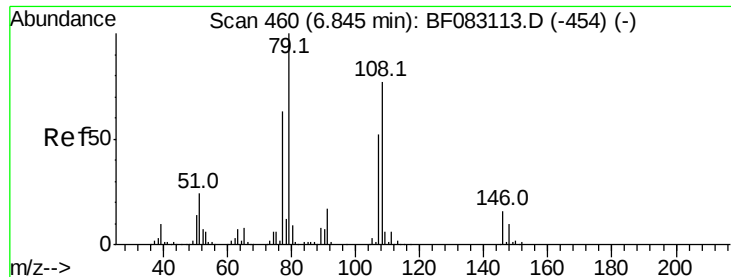


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 164.85 ng

RT: 6.84 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

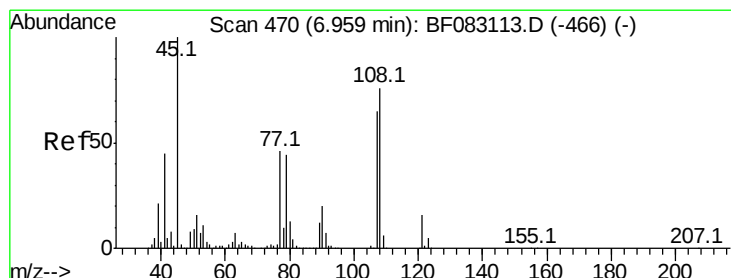
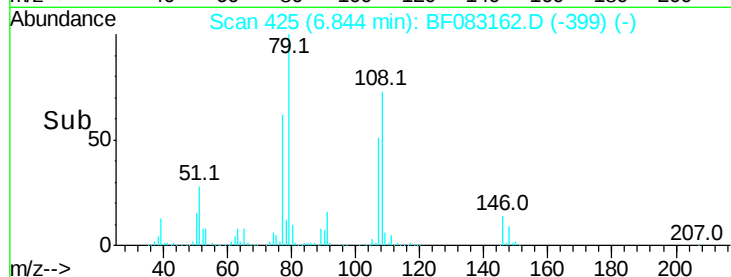
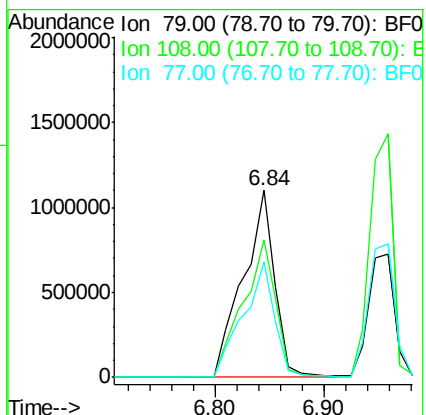
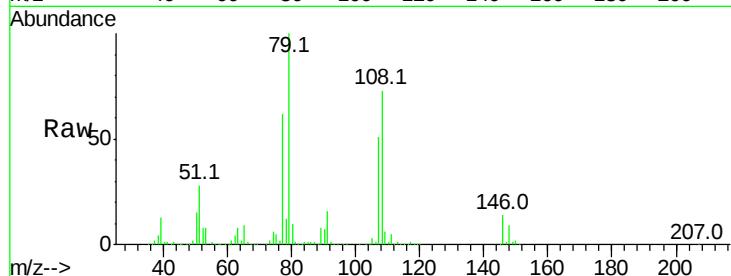
Tot Ion: 79 Resp: 2219391

Ion Ratio Lower Upper

79 100

108 73.5 61.4 92.2

77 62.2 50.5 75.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 159.39 ng

RT: 6.96 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

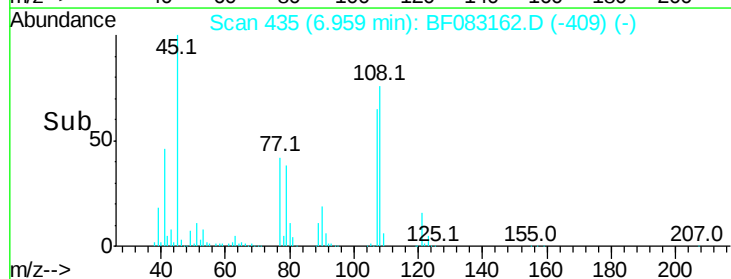
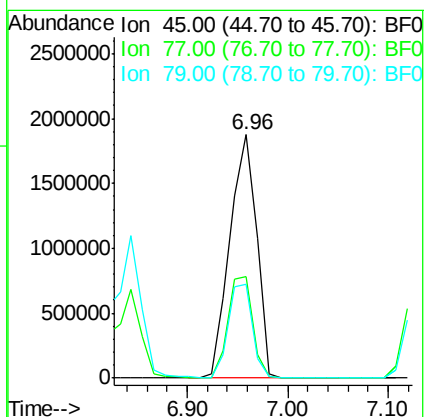
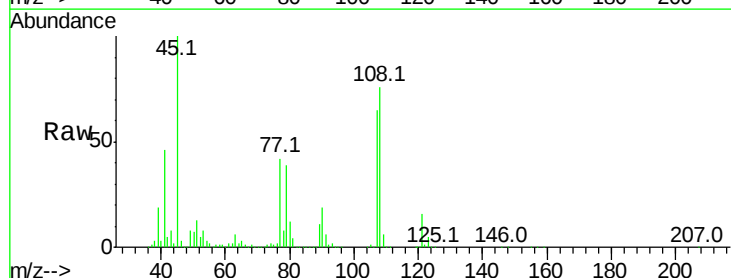
Tgt Ion: 45 Resp: 3459150

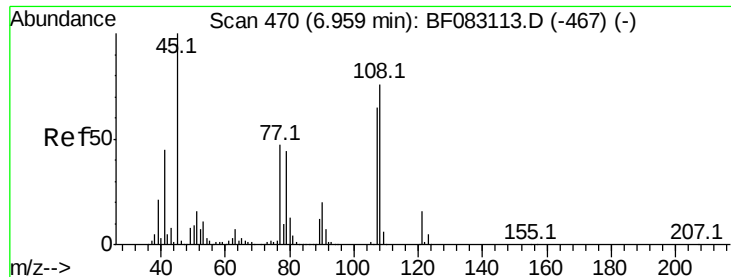
Ion Ratio Lower Upper

45 100

77 41.9 26.7 66.7

79 38.6 24.3 64.3





#17

2-Methylphenol

Concen: 165.03 ng

RT: 6.96 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

Tot Ion:107 Resp: 1837138

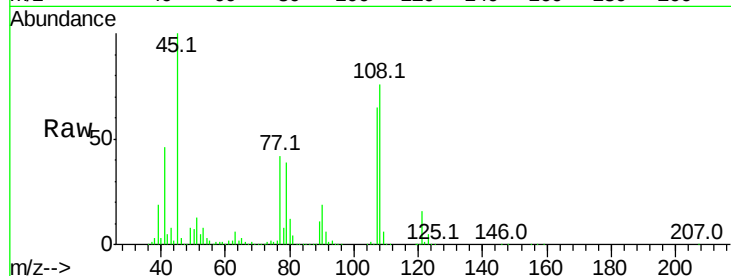
Ion Ratio Lower Upper

107 100

108 116.8 93.8 140.6

77 64.0 57.4 86.0

79 59.0 54.4 81.6

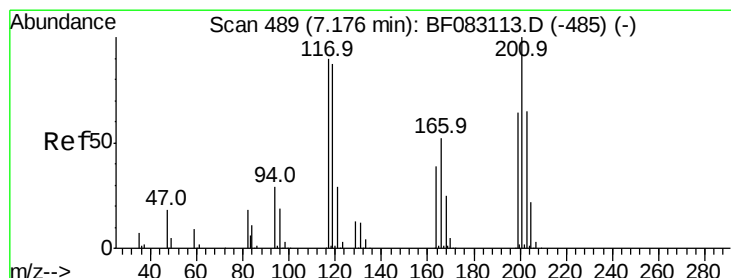
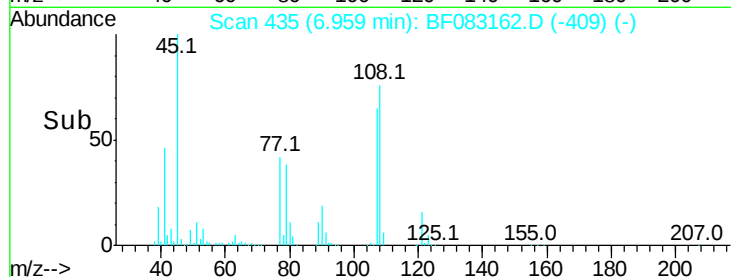
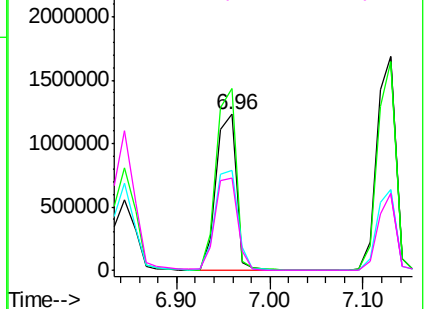


Abundance Ion 107.00 (106.70 to 107.70): E

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: 167.99 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

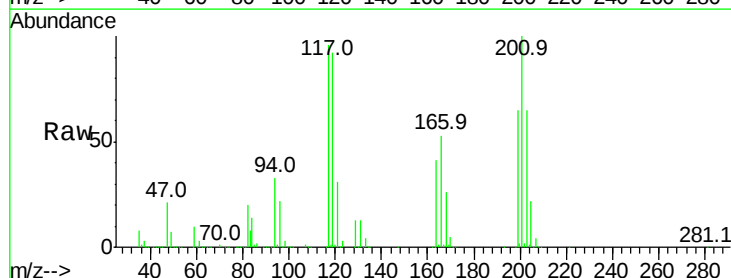
Tgt Ion:117 Resp: 919479

Ion Ratio Lower Upper

117 100

119 96.2 76.8 115.2

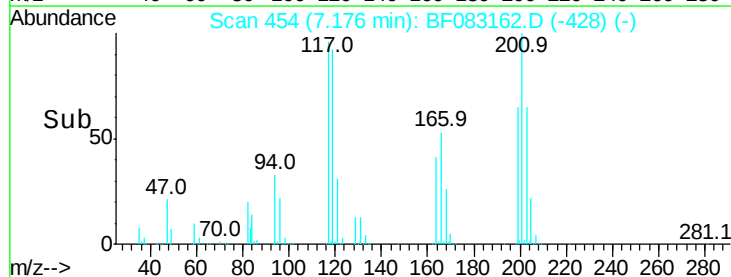
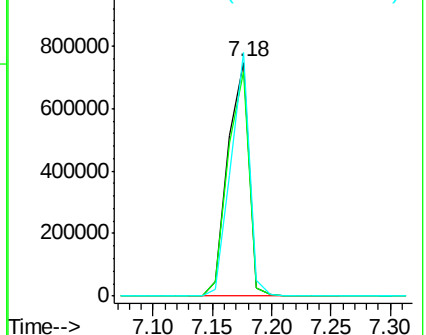
201 104.3 88.6 133.0

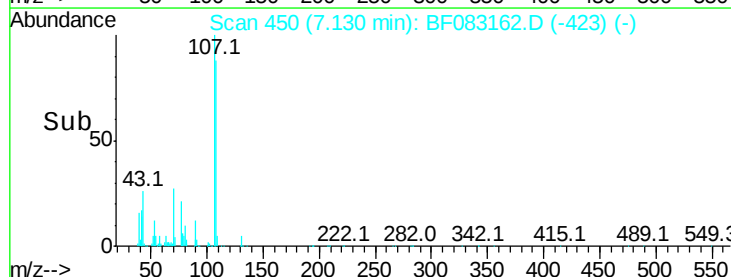
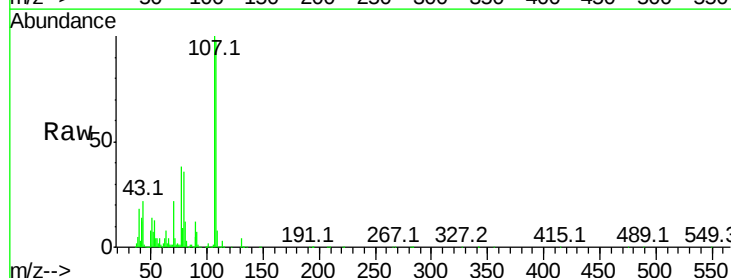
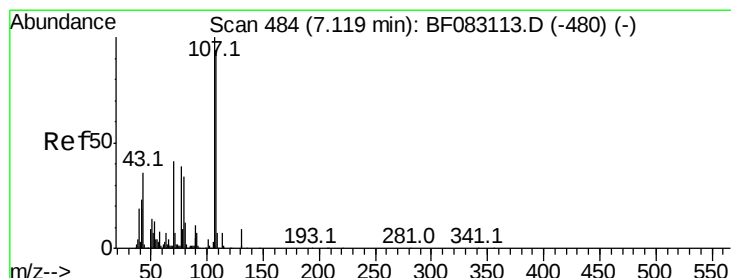
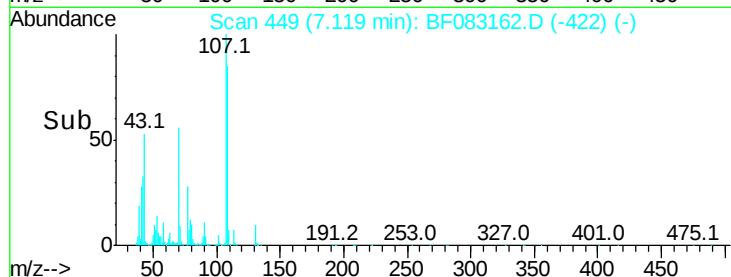
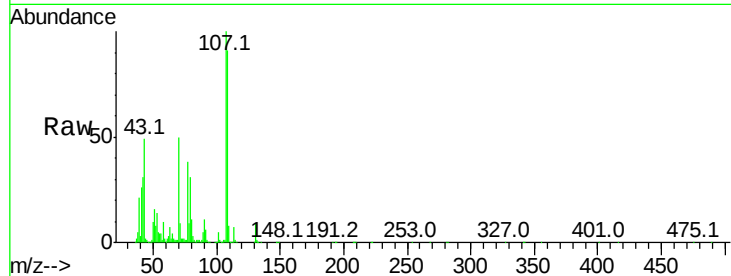
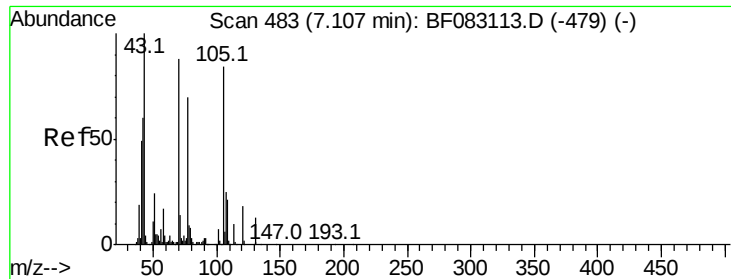


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

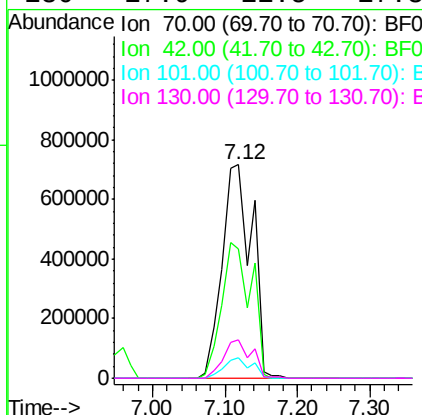




#19
n-Nitroso-di-n-propylamine
Concen: 183.18 ng
RT: 7.12 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

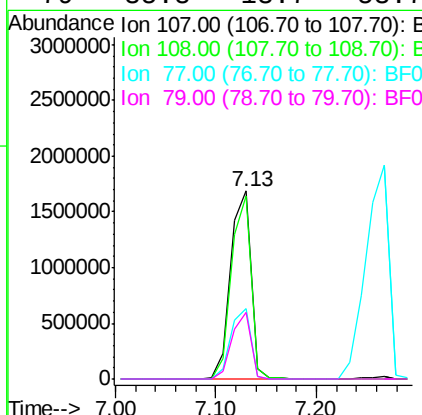
Instrument :
BNA_F
ClientSampleId :
SP3503

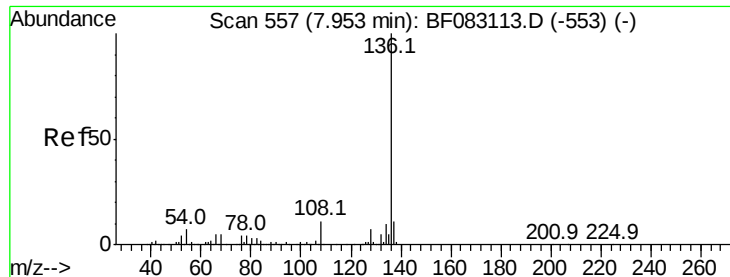
Tot Ion: 70 Resp: 2053937
Ion Ratio Lower Upper
70 100
42 60.4 54.5 81.7
101 9.4 6.6 9.8
130 17.9 11.5 17.3#



#20
3+4-Methylphenols
Concen: 168.24 ng
RT: 7.13 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:107 Resp: 2367649
Ion Ratio Lower Upper
107 100
108 97.6 73.8 113.8
77 37.6 19.1 59.1
79 35.8 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

Tot Ion:136 Resp: 721920

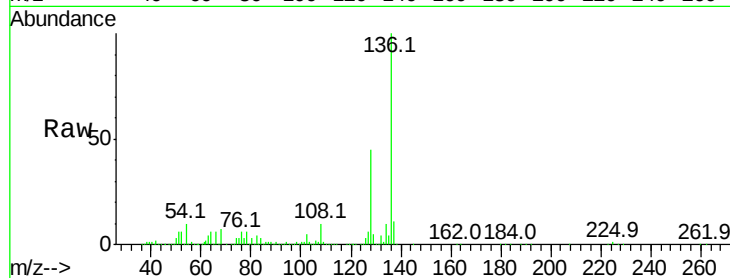
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.8 5.8 8.6#

68 7.0 3.8 5.8#

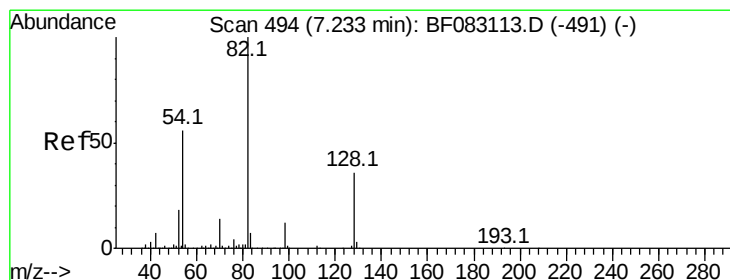
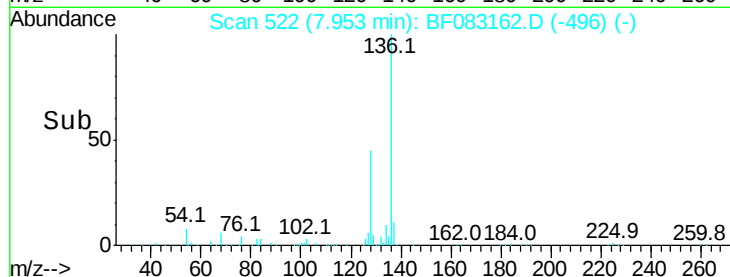
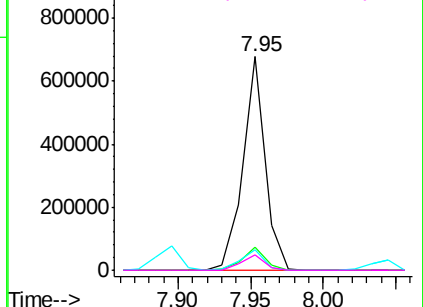


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 14.21 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.06 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

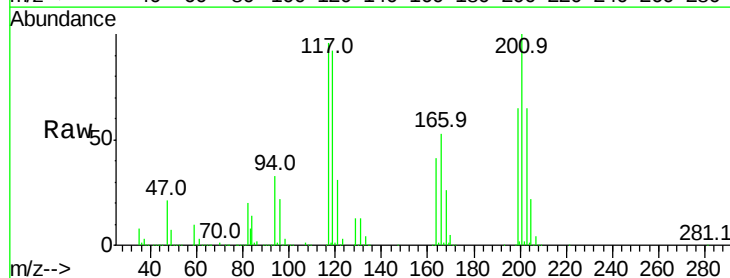
Tgt Ion: 82 Resp: 224580

Ion Ratio Lower Upper

82 100

128 0.3 28.5 42.7#

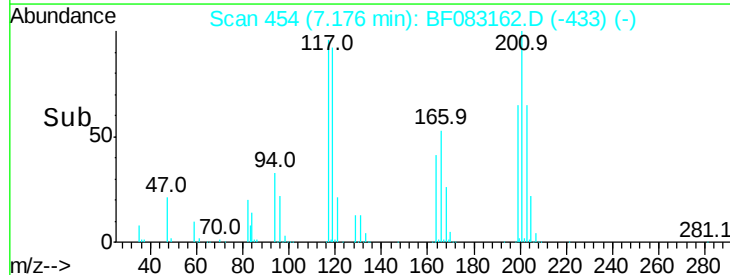
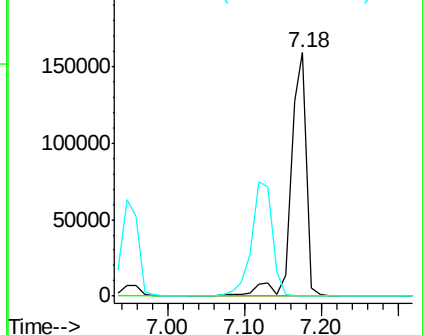
54 0.0 44.6 67.0#

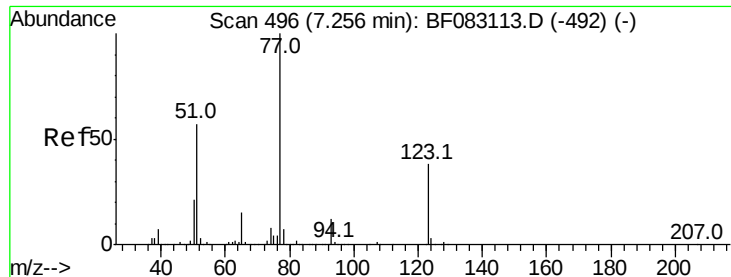


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

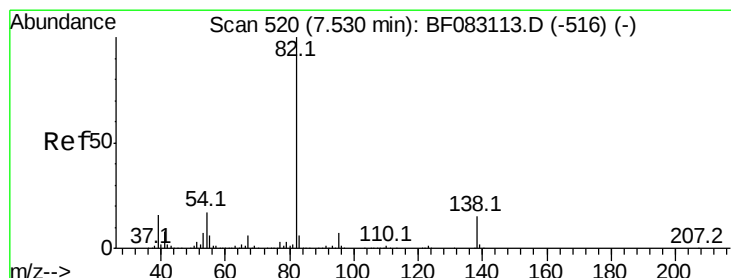
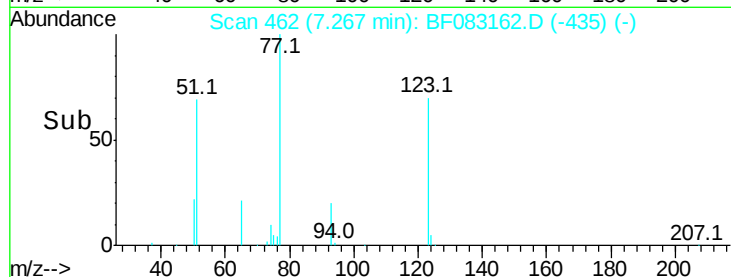
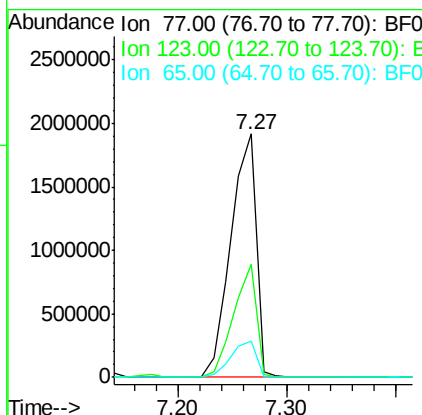
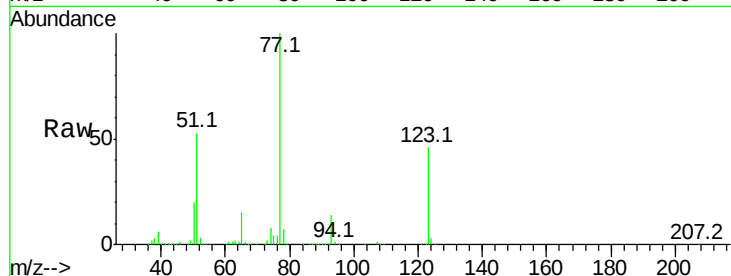




#24
 Nitrobenzene
 Concen: 180.87 ng
 RT: 7.27 min Scan# 462
 Delta R.T. 0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

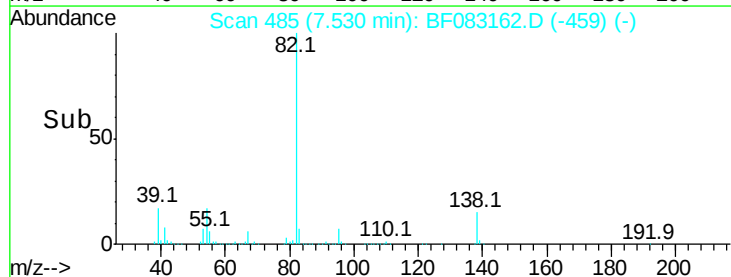
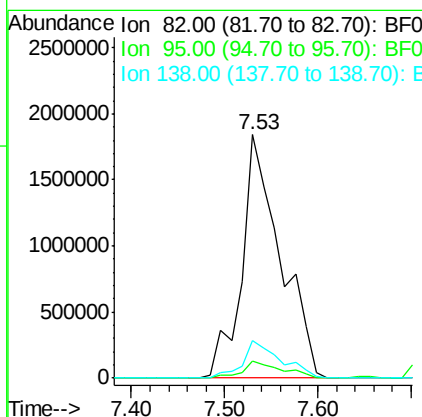
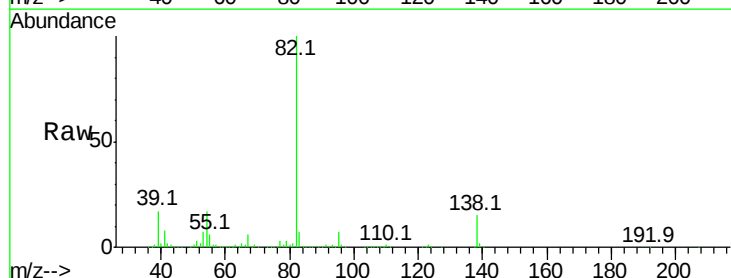
Instrument :
 BNA_F
 ClientSampleId :
 SP3503

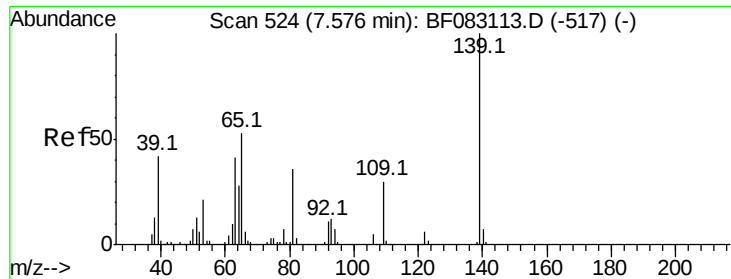
Tot Ion: 77 Resp: 3053311
 Ion Ratio Lower Upper
 77 100
 123 46.4 30.1 45.1#
 65 14.7 11.6 17.4



#25
 Isophorone
 Concen: 177.44 ng
 RT: 7.53 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion: 82 Resp: 5307997
 Ion Ratio Lower Upper
 82 100
 95 6.9 5.8 8.8
 138 15.2 11.6 17.4

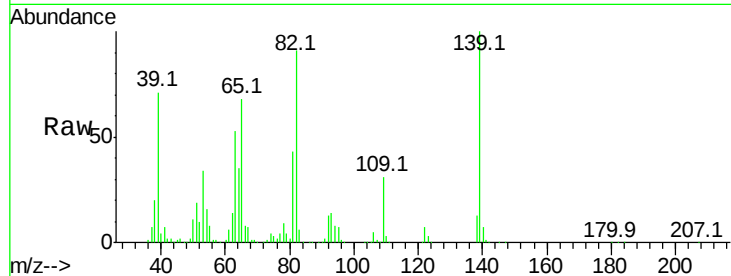




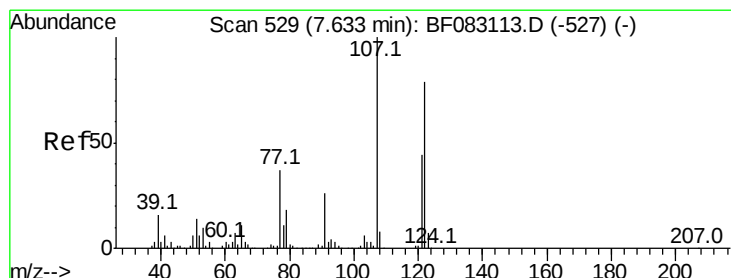
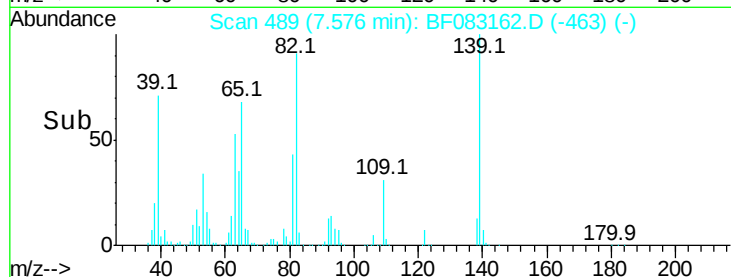
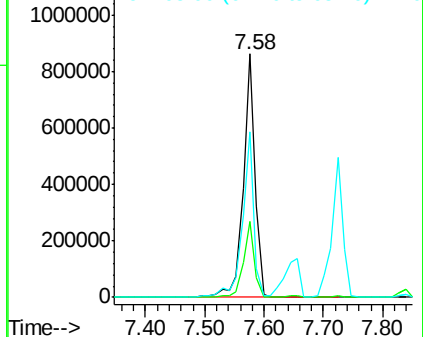
#26
2-Nitrophenol
Concen: 160.18 ng
RT: 7.58 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

Tot Ion:139 Resp: 1193762
Ion Ratio Lower Upper
139 100
109 31.2 23.9 35.9
65 68.2 42.7 64.1#

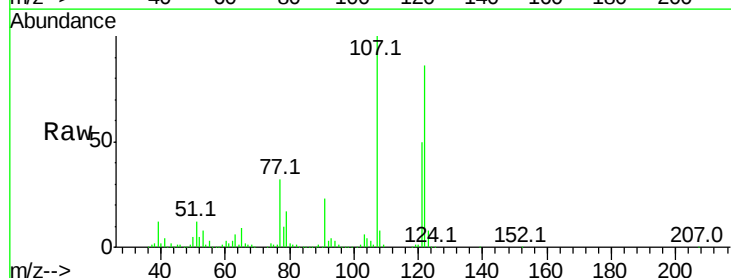


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

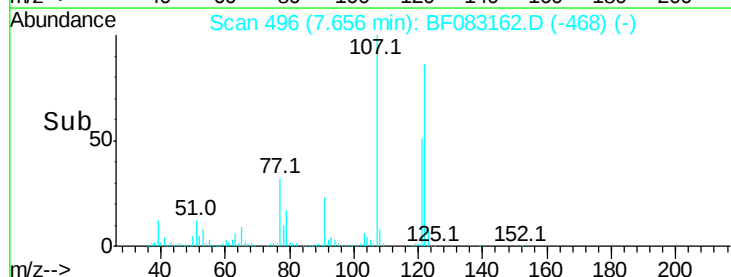
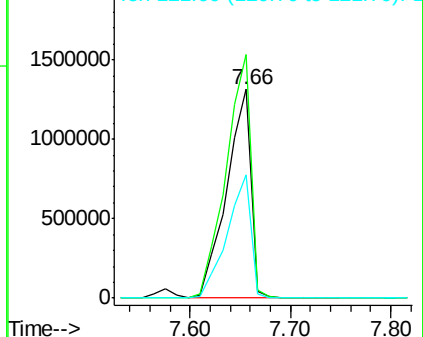


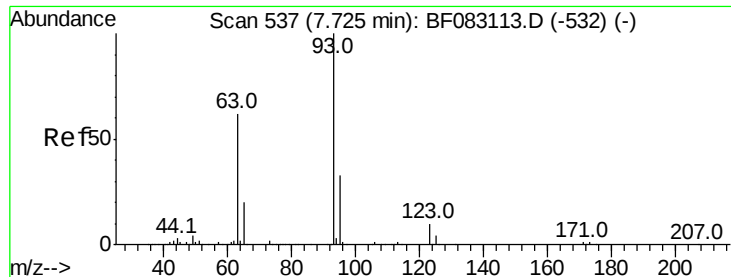
#27
2,4-Dimethylphenol
Concen: 185.59 ng
RT: 7.66 min Scan# 496
Delta R.T. 0.02 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:122 Resp: 2207434
Ion Ratio Lower Upper
122 100
107 116.5 101.1 151.7
121 58.8 44.9 67.3



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

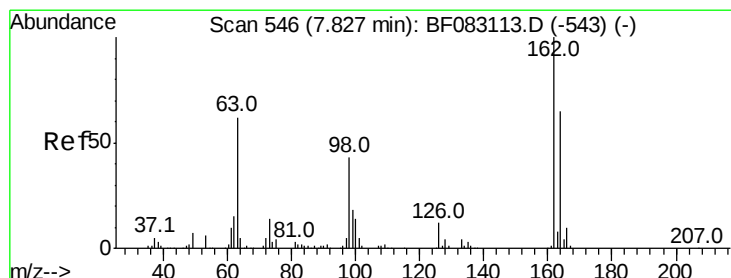
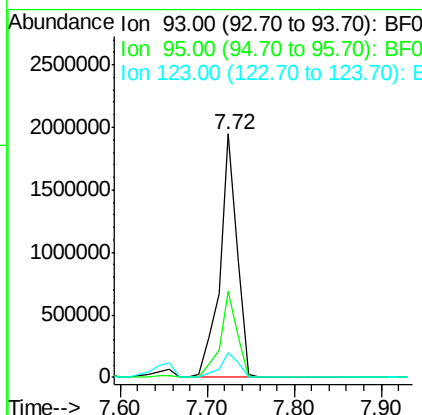
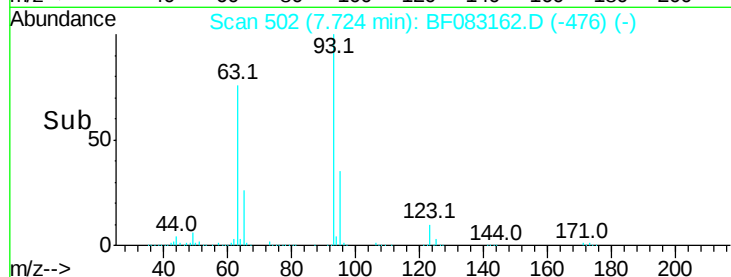
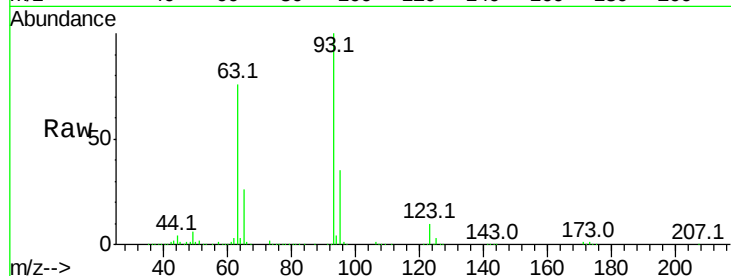




#28
bis(2-Chloroethoxy)methane
Concen: 154.50 ng
RT: 7.72 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

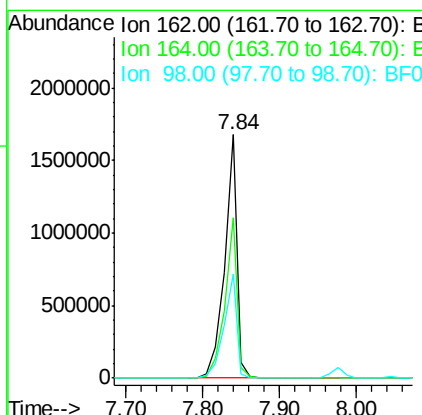
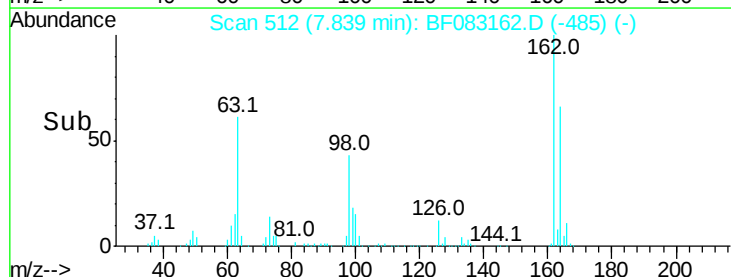
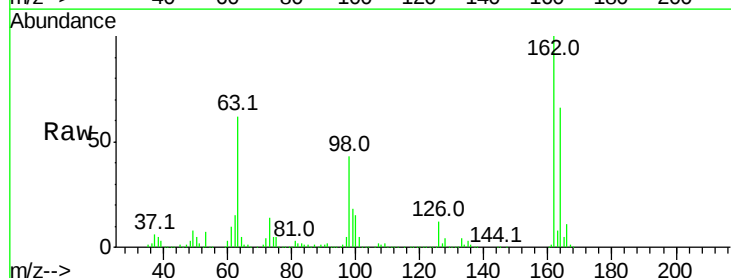
Instrument :
BNA_F
ClientSampleId :
SP3503

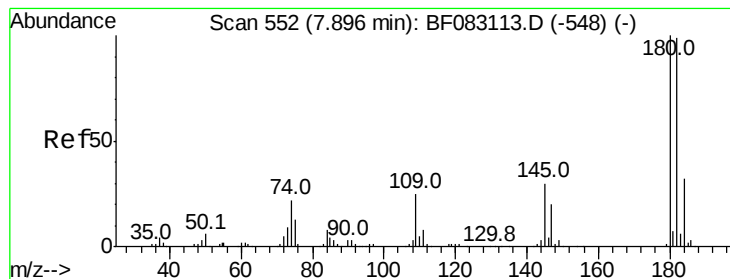
Tot Ion: 93 Resp: 2687115
Ion Ratio Lower Upper
93 100
95 35.4 26.5 39.7
123 10.0 8.1 12.1



#29
2,4-Dichlorophenol
Concen: 168.97 ng
RT: 7.84 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:162 Resp: 1911461
Ion Ratio Lower Upper
162 100
164 66.0 44.8 84.8
98 43.0 23.1 63.1





#30

1,2,4-Trichlorobenzene

Concen: 144.45 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

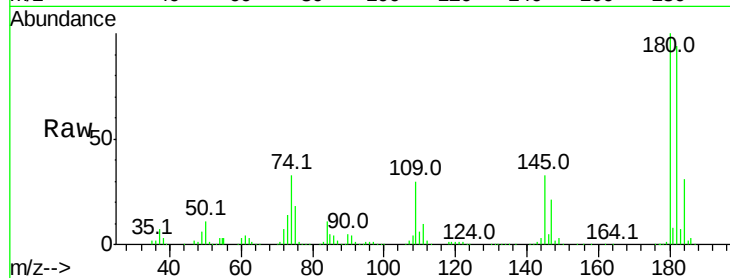
Tot Ion:180 Resp: 1794883

Ion Ratio Lower Upper

180 100

182 93.8 79.0 118.6

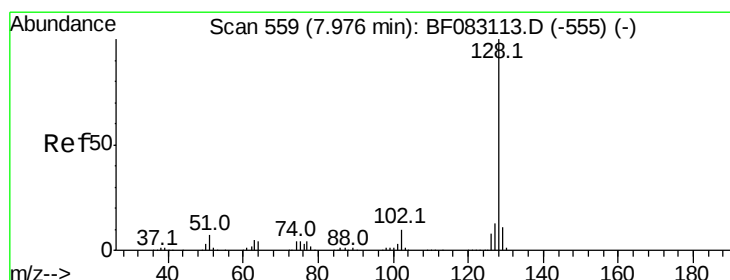
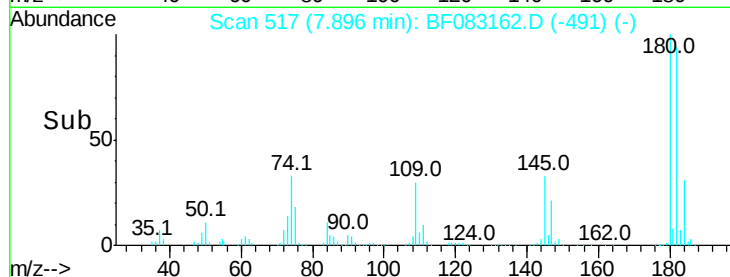
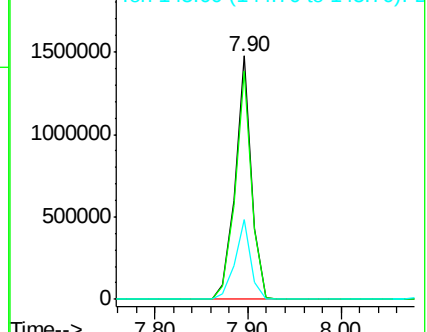
145 32.8 24.2 36.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 127.67 ng

RT: 7.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

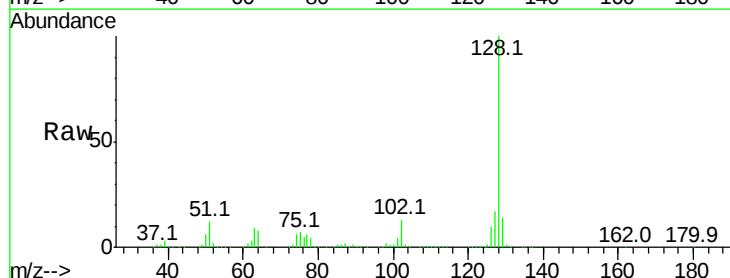
Tgt Ion:128 Resp: 4974017

Ion Ratio Lower Upper

128 100

129 14.3 9.0 13.4#

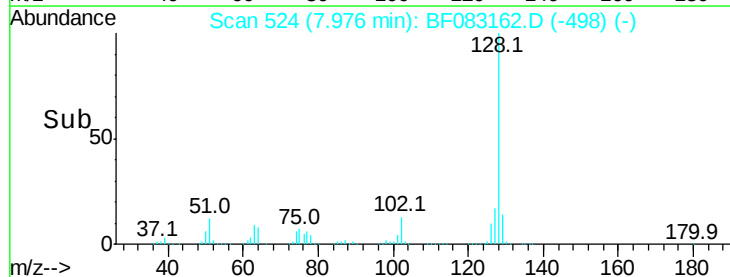
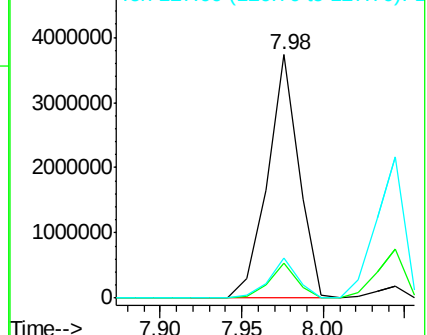
127 16.7 10.6 15.8#

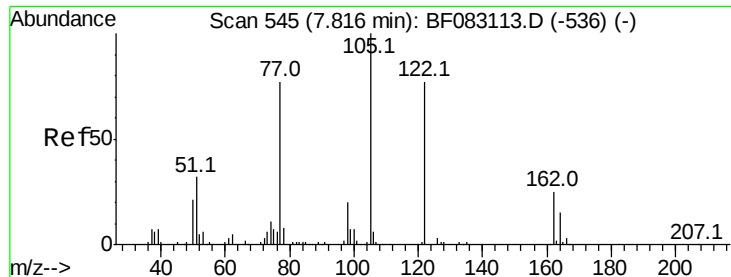


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 238.64 ng

RT: 7.66 min Scan# 496

Delta R.T. -0.16 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

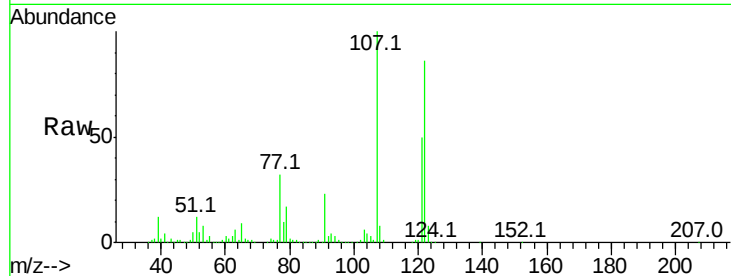
Tot Ion:122 Resp: 2206279

Ion Ratio Lower Upper

122 100

105 3.9 109.7 149.7#

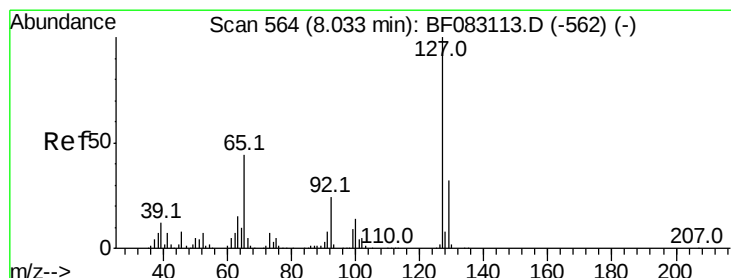
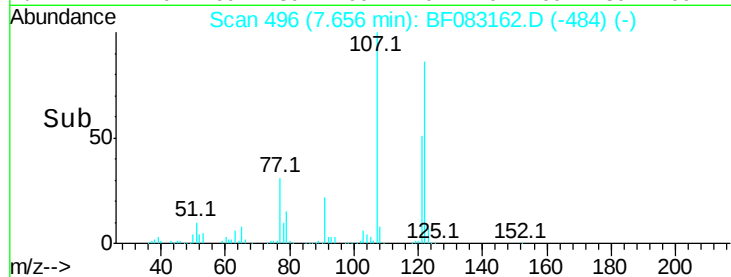
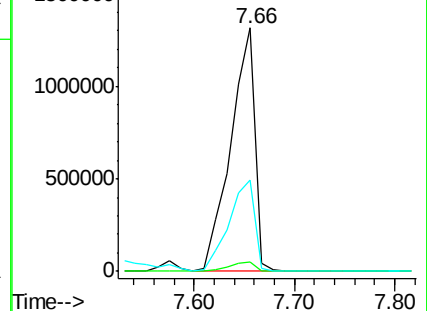
77 37.3 79.7 119.7#



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: 174.78 ng

RT: 8.04 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Tgt Ion:127 Resp: 2642068

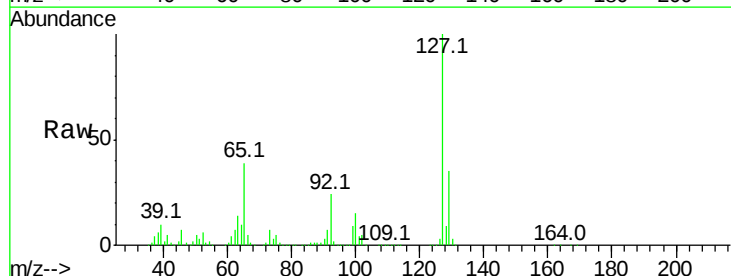
Ion Ratio Lower Upper

127 100

129 34.9 25.7 38.5

65 39.4 35.5 53.3

92 23.6 19.4 29.2

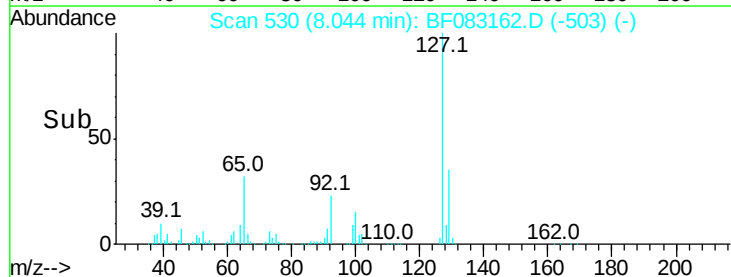
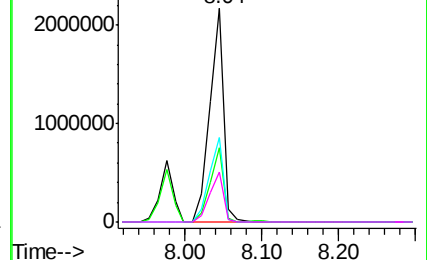


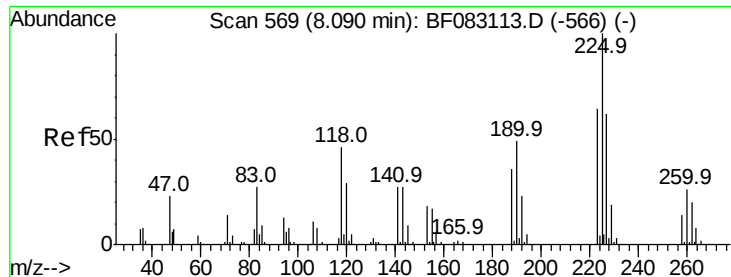
Abundance Ion 127.00 (126.70 to 127.70): E

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: 154.66 ng

RT: 8.10 min Scan# 535

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

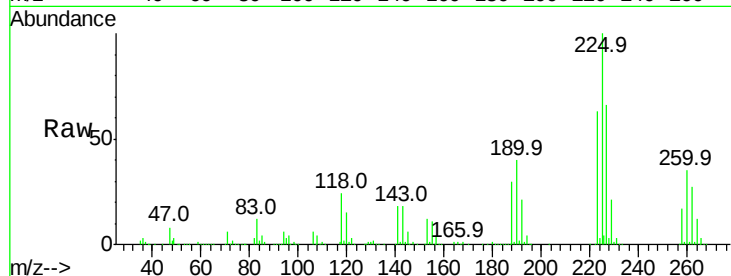
Tot Ion:225 Resp: 1135723

Ion Ratio Lower Upper

225 100

223 63.4 51.3 76.9

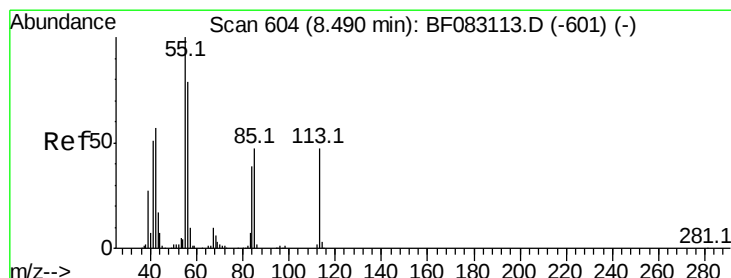
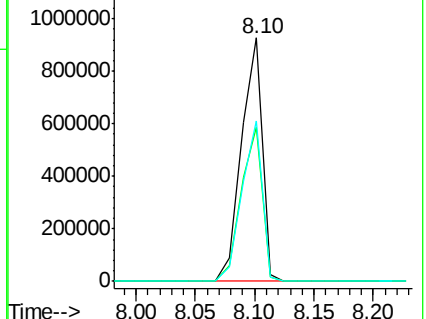
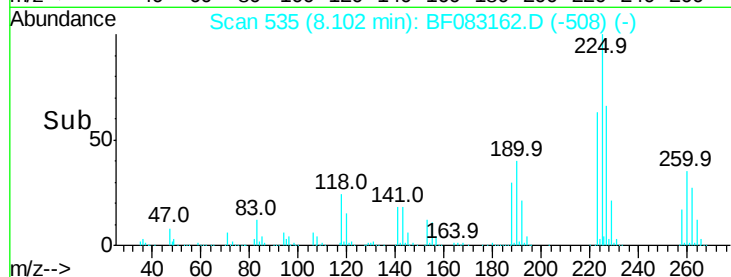
227 65.7 49.8 74.8



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: 14.87 ng

RT: 8.52 min Scan# 572

Delta R.T. 0.03 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

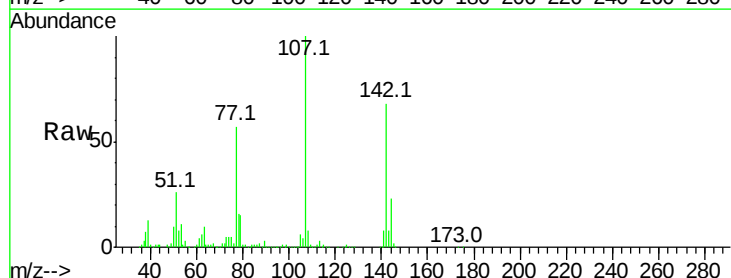
Tgt Ion:113 Resp: 53919

Ion Ratio Lower Upper

113 100

55 100.4 192.6 232.6#

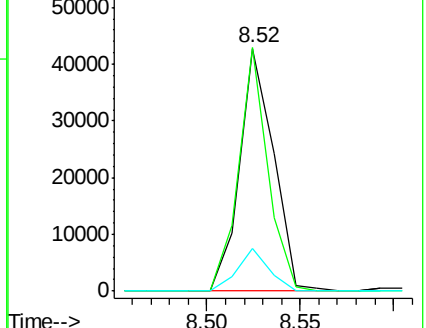
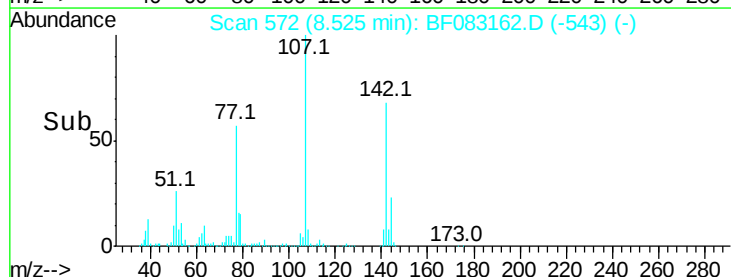
56 17.5 148.6 188.6#

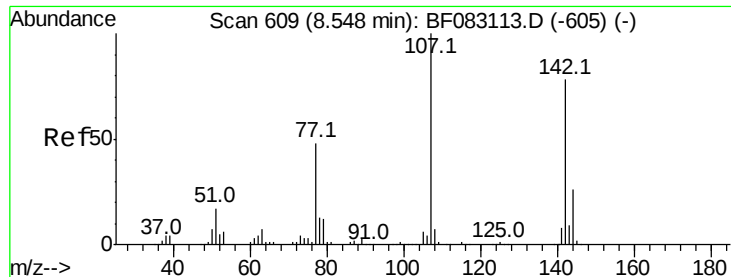


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

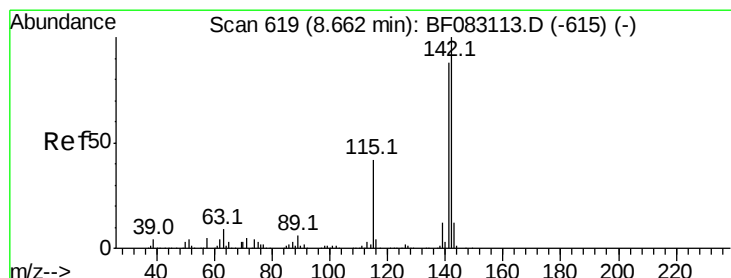
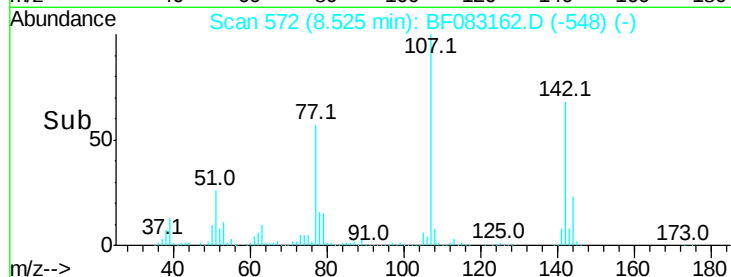
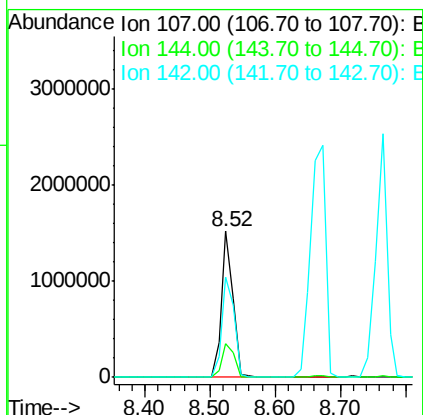
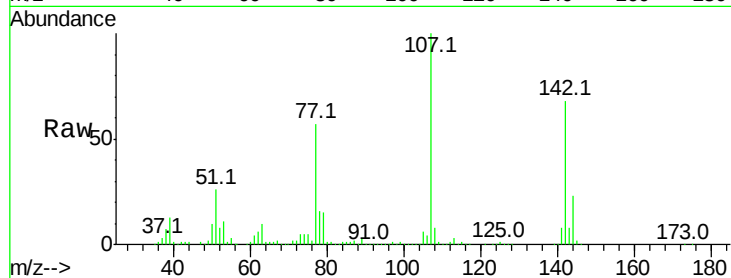




#36
4-Chloro-3-methylphenol
Concen: 144.69 ng
RT: 8.52 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

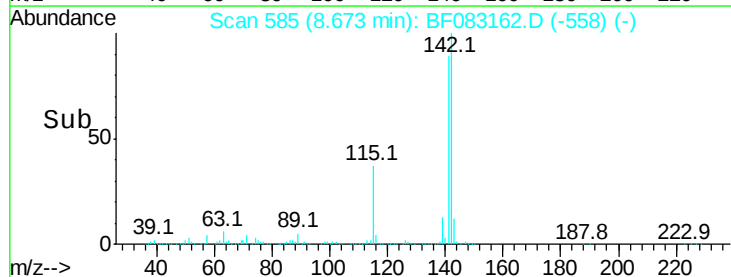
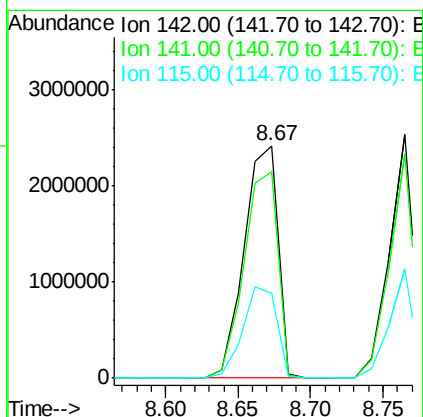
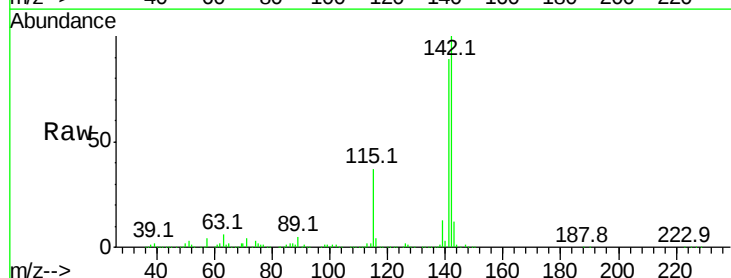
Instrument :
BNA_F
ClientSampleId :
SP3503

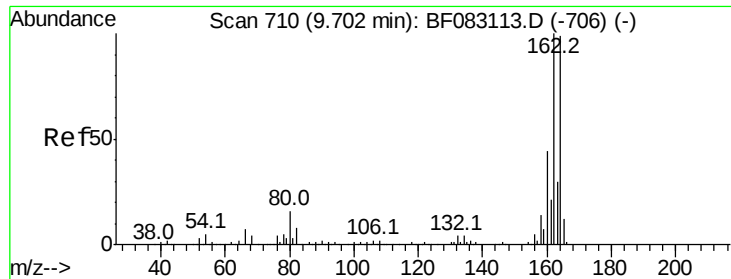
Tot Ion:107 Resp: 1895907
Ion Ratio Lower Upper
107 100
144 22.7 20.8 31.2
142 68.2 62.1 93.1



#37
2-Methylnaphthalene
Concen: 154.55 ng
RT: 8.67 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:142 Resp: 3907937
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5
115 36.6 33.4 50.2

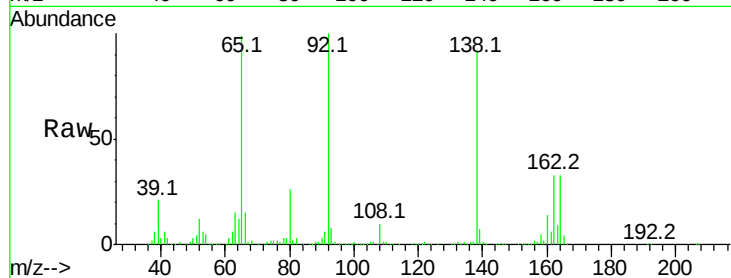




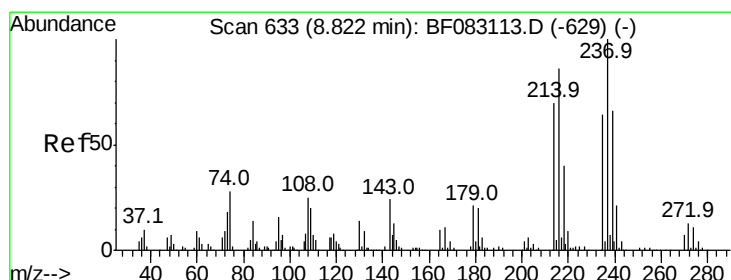
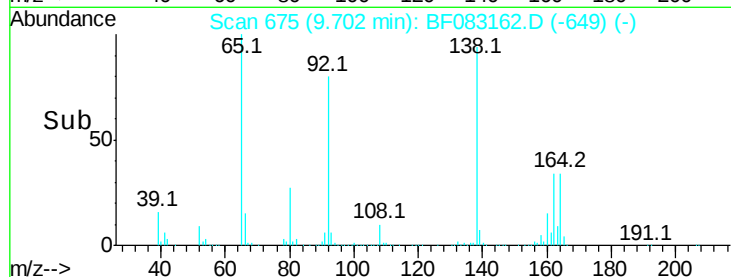
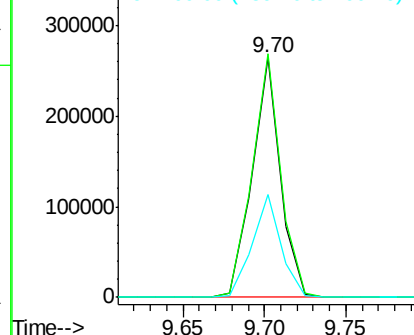
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

Tot Ion:164 Resp: 315022
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 43.1 35.6 53.4

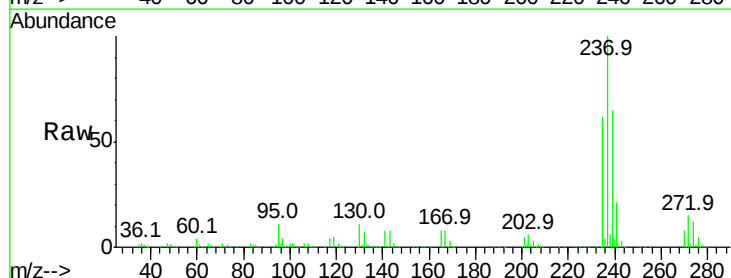


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

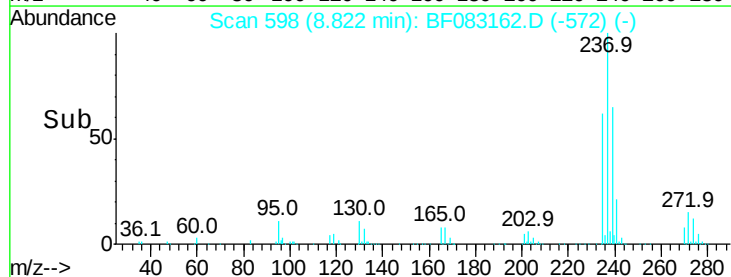
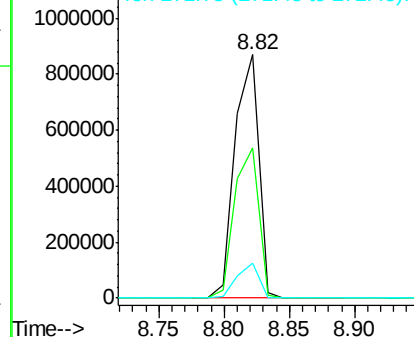


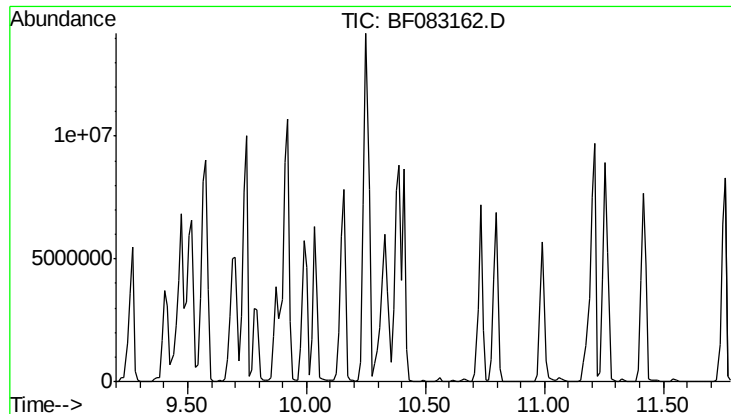
#40
Hexachlorocyclopentadiene
Concen: 189.24 ng
RT: 8.82 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:237 Resp: 1098713
Ion Ratio Lower Upper
237 100
235 61.7 43.5 83.5
272 14.6 0.0 33.1



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

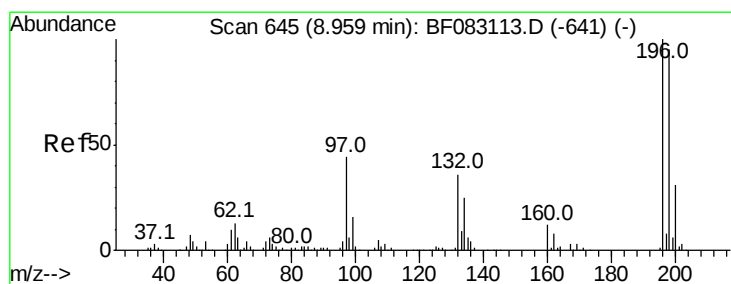
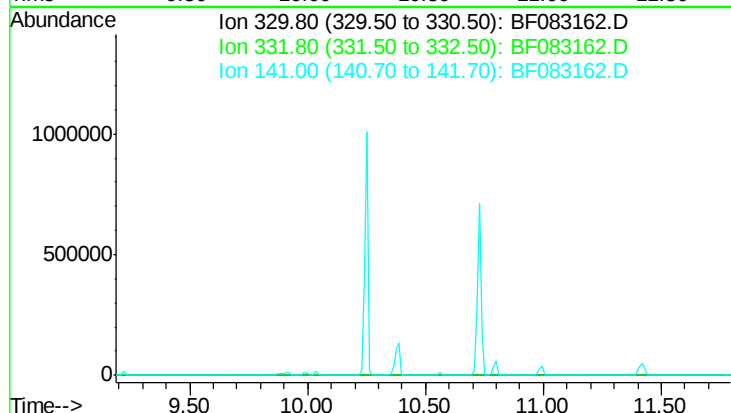




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.49 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SP3503

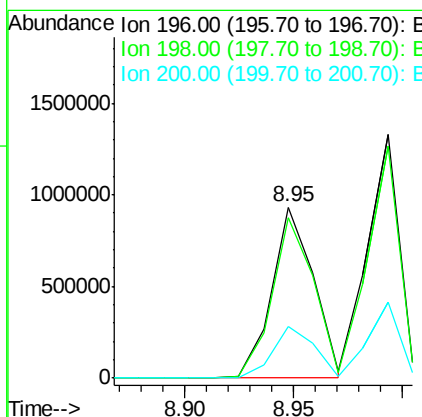
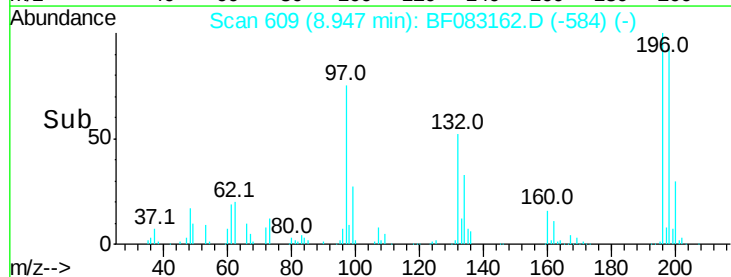
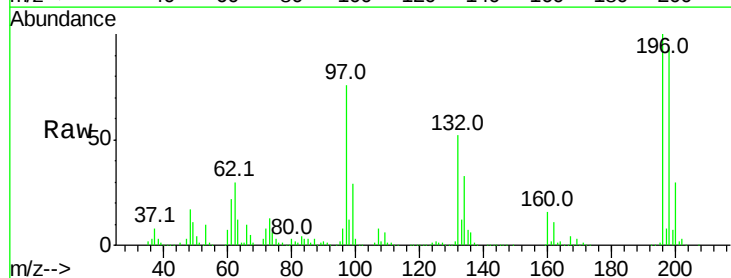
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.1
 141 37.1

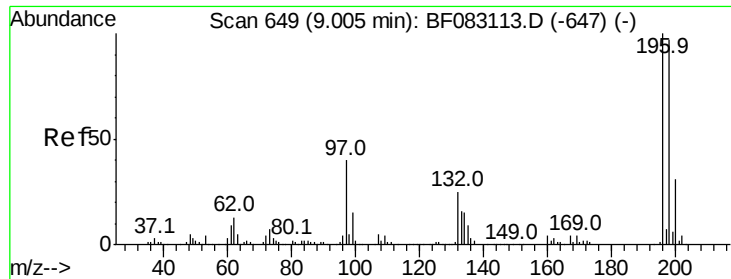


#42
 2,4,6-Trichlorophenol
 Concen: 170.24 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion: 196 Resp: 1244869

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.9	113.9
200	30.3	24.5	36.7

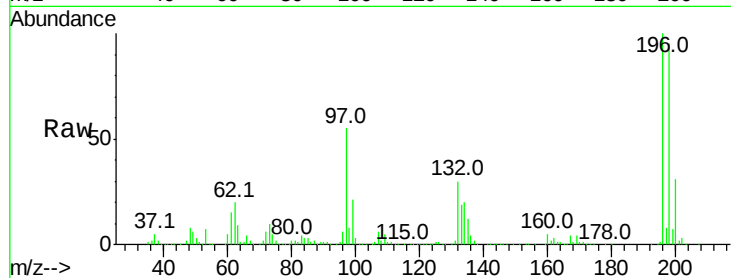




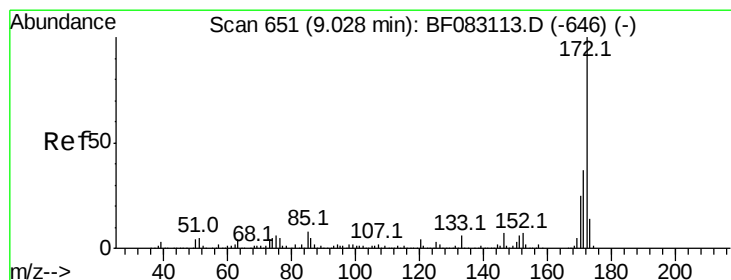
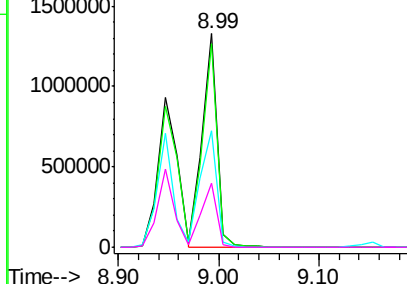
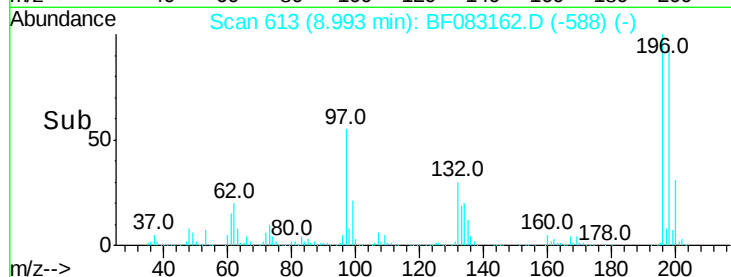
#43
 2,4,5-Trichlorophenol
 Concen: 183.96 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SP3503

Tot Ion:196 Resp: 1375419
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.6 116.4
 97 54.7 32.6 48.8#
 132 29.8 19.8 29.8#

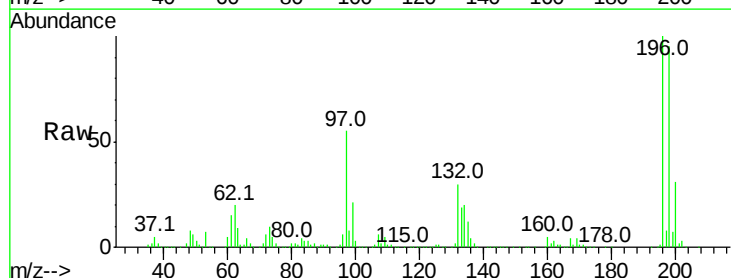


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

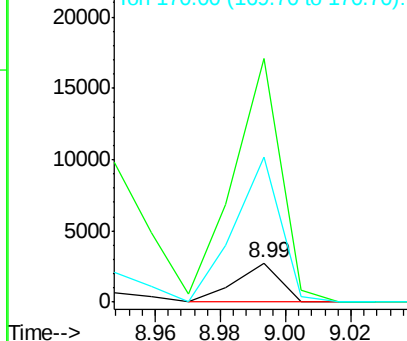
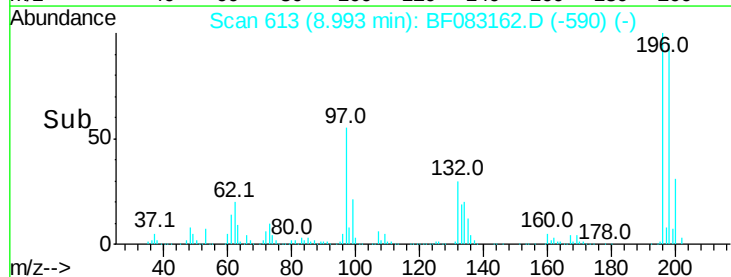


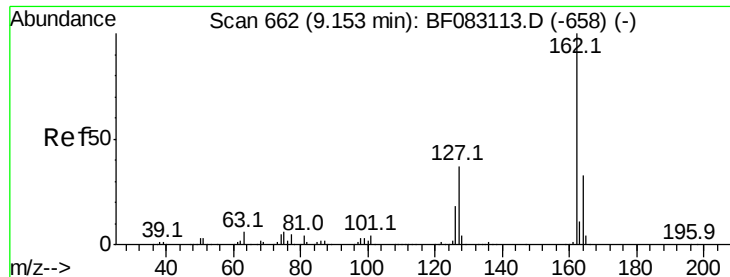
#44
 2-Fluorobiphenyl
 Concen: 0.11 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:172 Resp: 2568
 Ion Ratio Lower Upper
 172 100
 171 627.2 29.5 44.3#
 170 373.0 19.9 29.9#



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

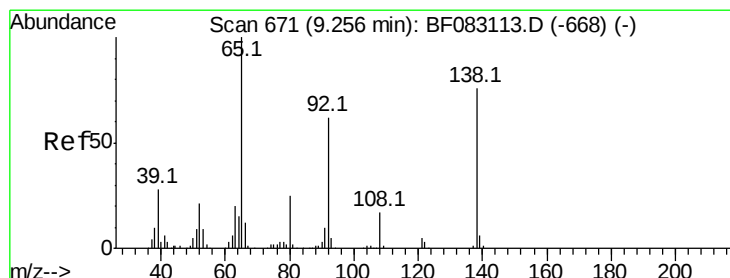
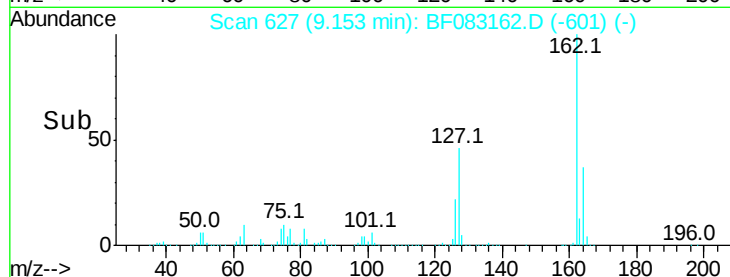
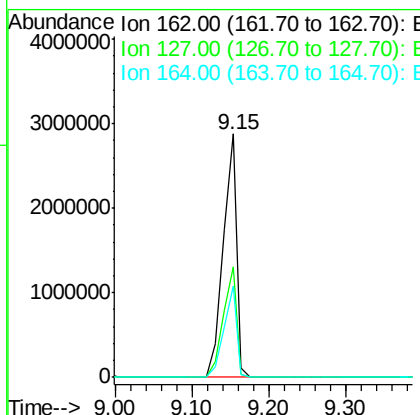
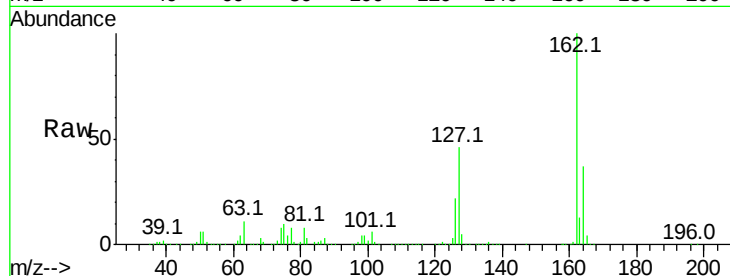




#46
2-Chloronaphthalene
Concen: 168.50 ng
RT: 9.15 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

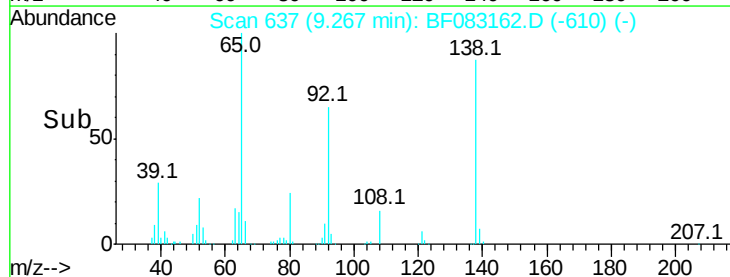
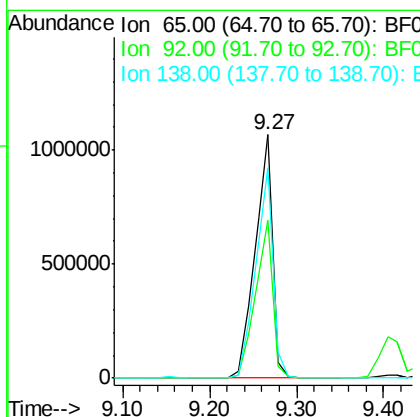
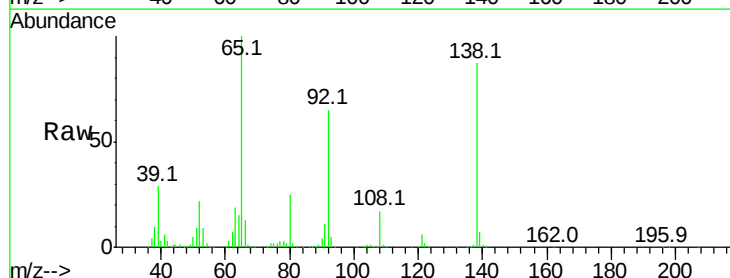
Instrument :
BNA_F
ClientSampleId :
SP3503

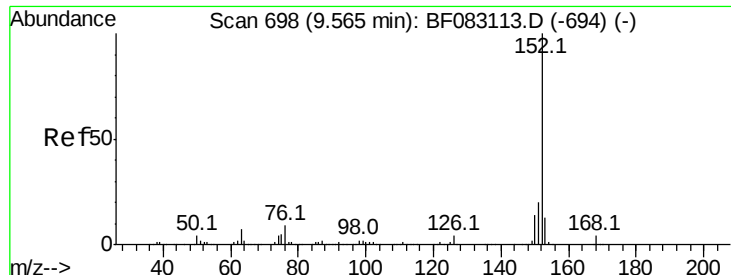
Tot Ion:162 Resp: 3548524
Ion Ratio Lower Upper
162 100
127 45.5 29.4 44.2#
164 37.3 26.2 39.4



#47
2-Nitroaniline
Concen: 202.99 ng
RT: 9.27 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion: 65 Resp: 1512212
Ion Ratio Lower Upper
65 100
92 65.0 49.5 74.3
138 86.5 60.7 91.1





#48

Acenaphthylene

Concen: 165.22 ng

RT: 9.58 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

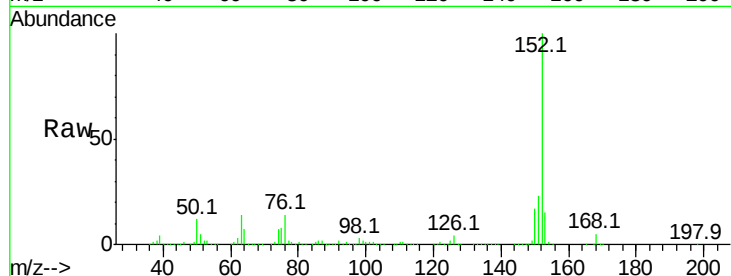
Tot Ion:152 Resp: 5392438

Ion Ratio Lower Upper

152 100

151 23.4 16.3 24.5

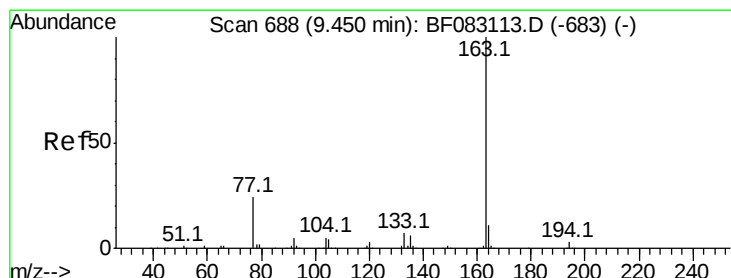
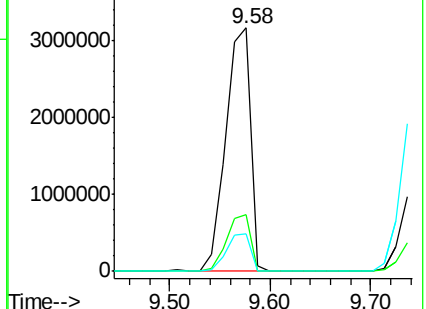
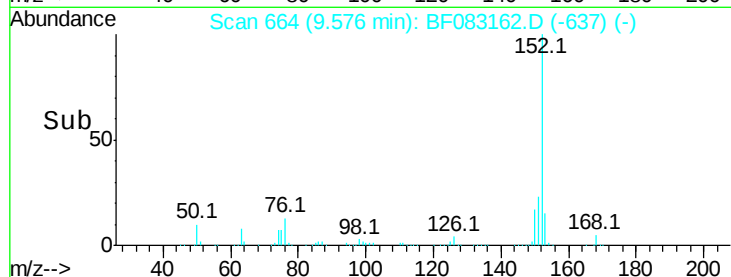
153 15.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 177.26 ng

RT: 9.47 min Scan# 655

Delta R.T. 0.02 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

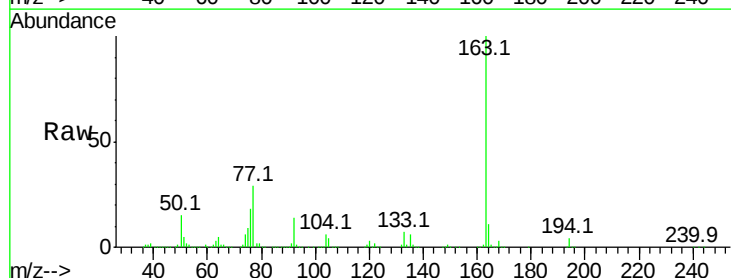
Tgt Ion:163 Resp: 4299082

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

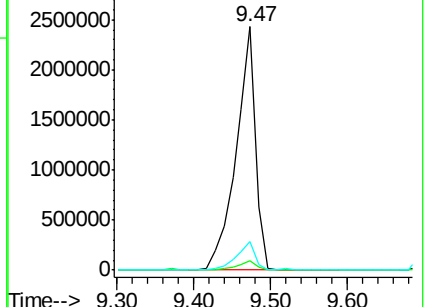
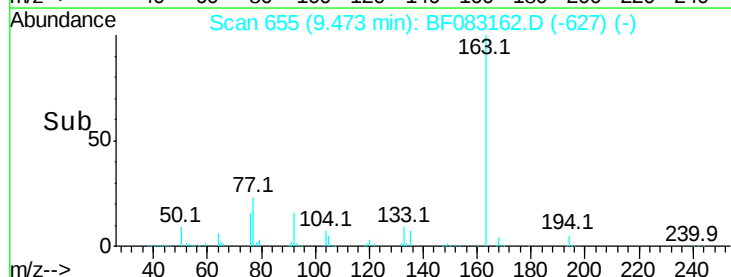
164 11.5 8.6 12.8

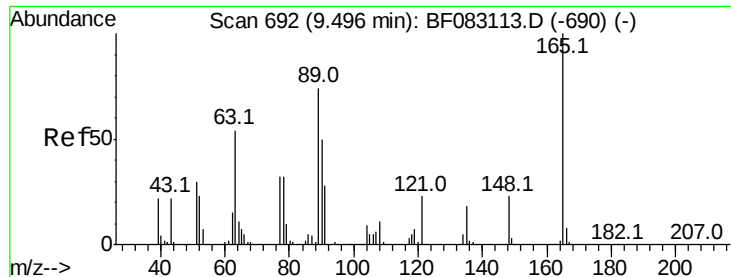


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

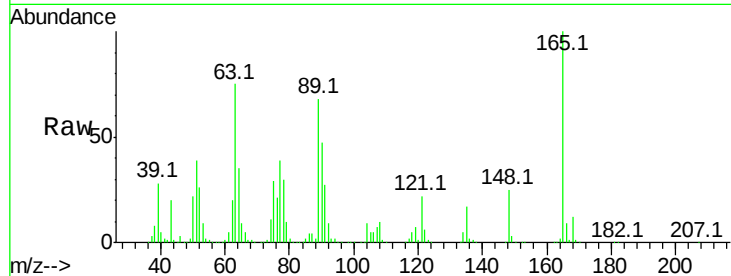




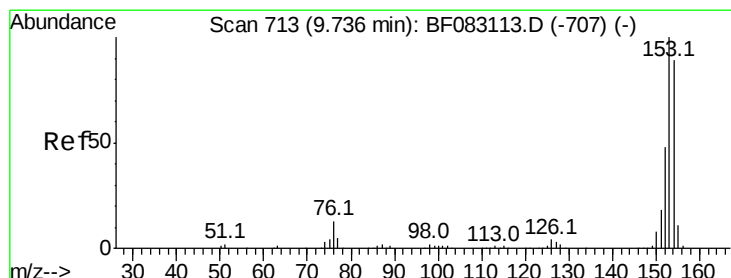
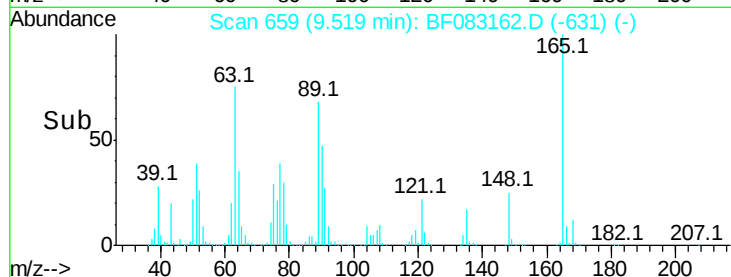
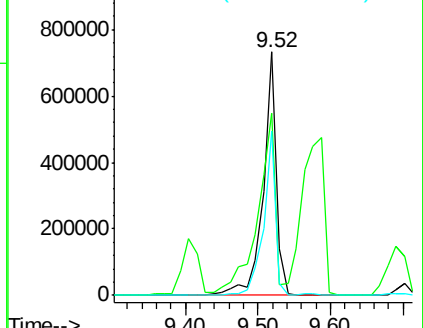
#50
2,6-Dinitrotoluene
Concen: 175.88 ng
RT: 9.52 min Scan# 659
Delta R.T. 0.02 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

Tot Ion:165 Resp: 957133
Ion Ratio Lower Upper
165 100
63 74.9 62.5 93.7
89 67.6 59.1 88.7

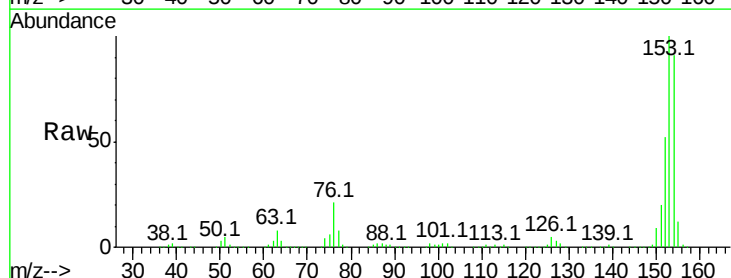


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

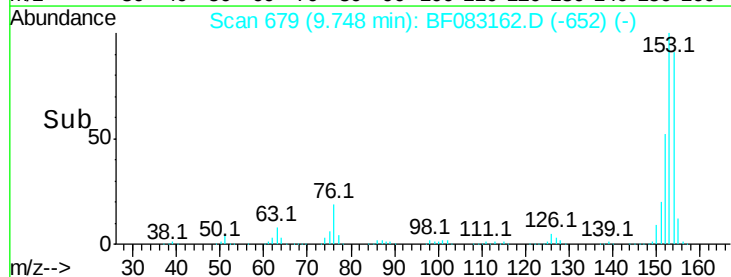
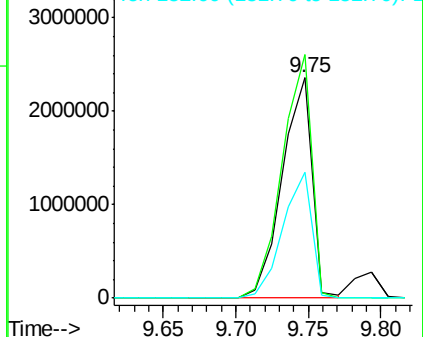


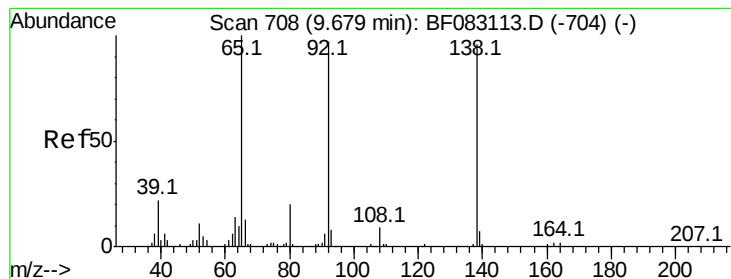
#51
Acenaphthene
Concen: 168.06 ng
RT: 9.75 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:154 Resp: 3338147
Ion Ratio Lower Upper
154 100
153 110.4 89.6 134.4
152 57.0 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: 224.23 ng

RT: 9.70 min Scan# 675

Delta R.T. 0.02 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampled :

SP3503

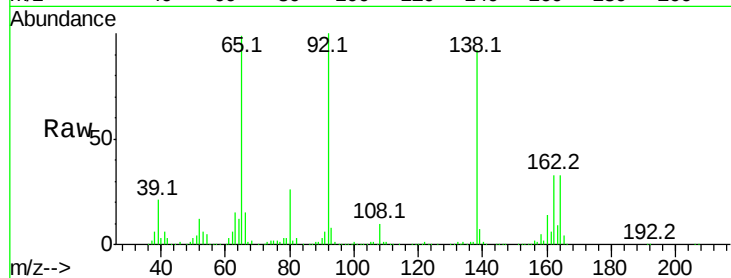
Tot Ion:138 Resp: 1300944

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.6

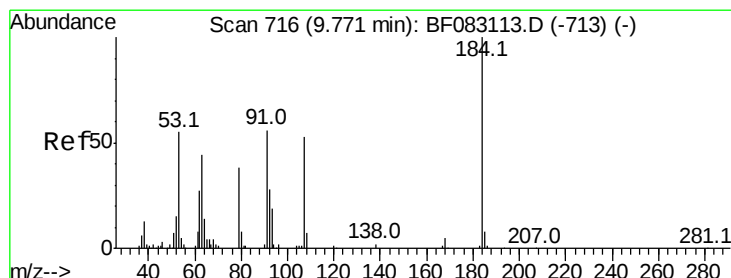
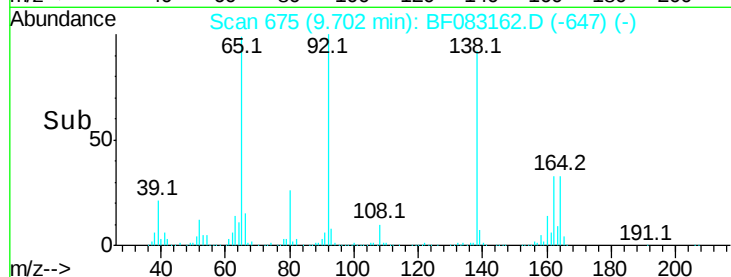
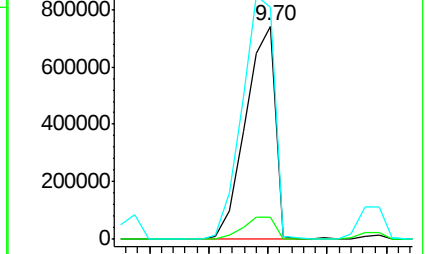
92 109.2 81.1 121.7



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: 203.25 ng

RT: 9.79 min Scan# 683

Delta R.T. 0.02 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

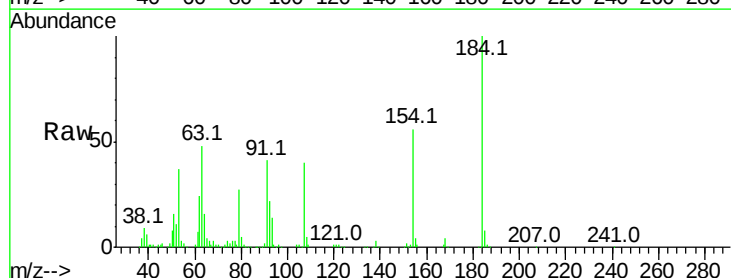
Tgt Ion:184 Resp: 637232

Ion Ratio Lower Upper

184 100

63 48.4 60.5 90.7#

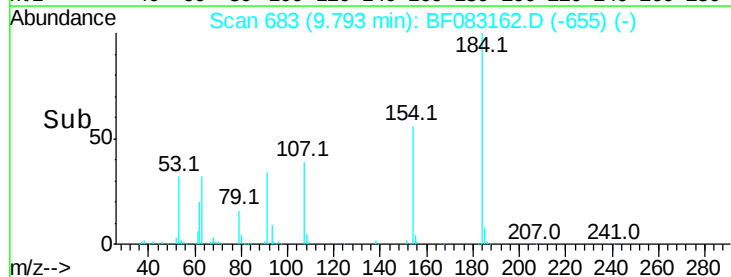
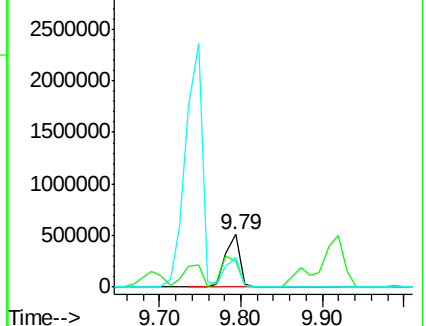
154 55.8 54.3 81.5

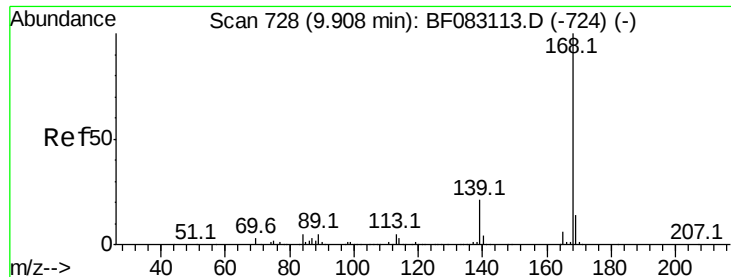


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

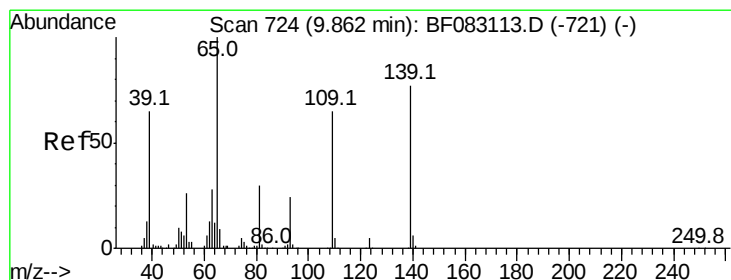
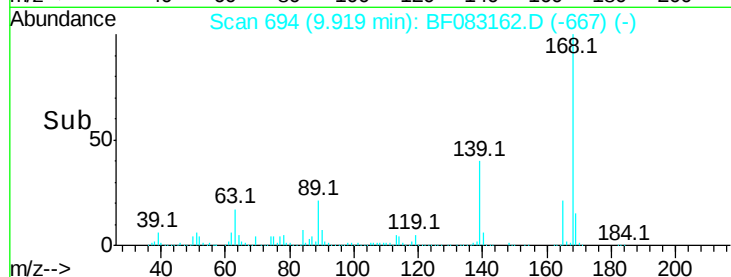
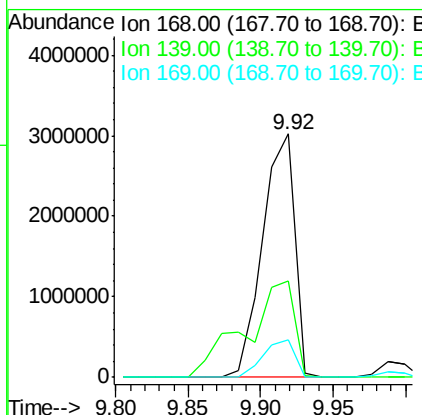
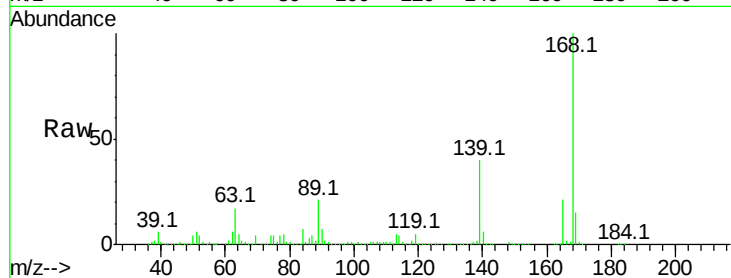




#54
Dibenzofuran
Concen: 165.07 ng
RT: 9.92 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

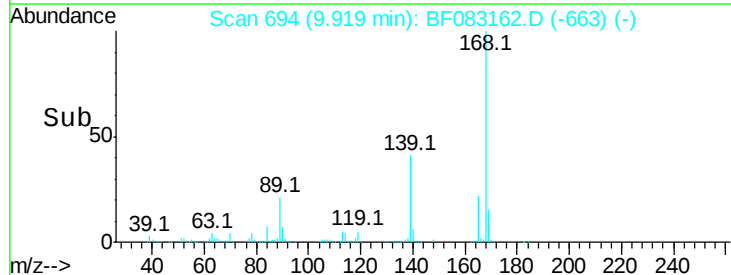
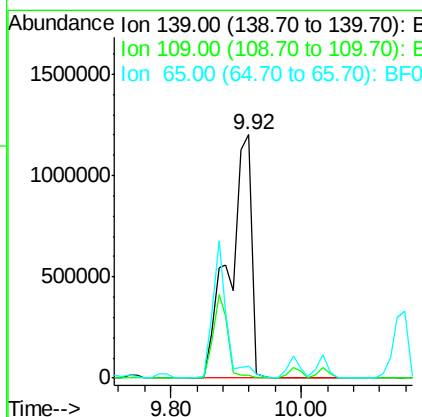
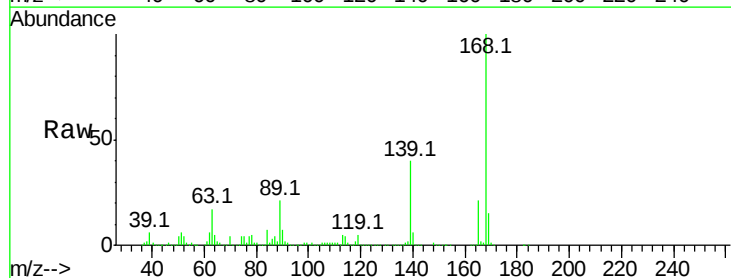
Instrument :
BNA_F
ClientSampleId :
SP3503

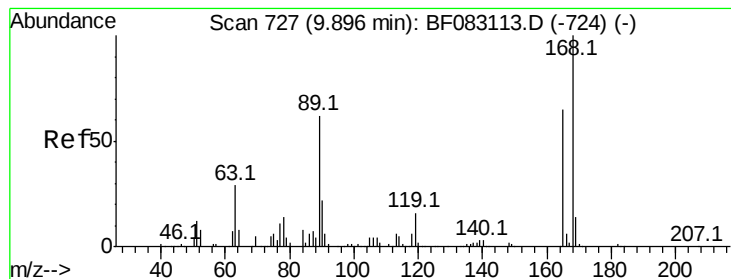
Tot Ion:168 Resp: 4636120
Ion Ratio Lower Upper
168 100
139 39.8 30.2 45.2
169 15.2 10.9 16.3



#55
4-Nitrophenol
Concen: 636.41 ng
RT: 9.92 min Scan# 694
Delta R.T. 0.06 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:139 Resp: 2831462
Ion Ratio Lower Upper
139 100
109 1.3 64.0 104.0#
65 4.9 109.5 149.5#





#56

2,4-Dinitrotoluene

Concen: 182.08 ng

RT: 9.93 min Scan# 695

Delta R.T. 0.03 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

Tot Ion:165 Resp: 1255495

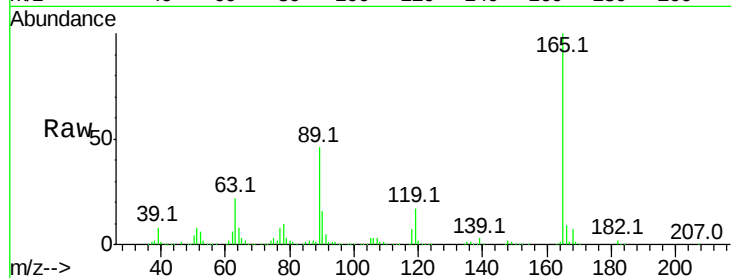
Ion Ratio Lower Upper

165 100

63 22.4 54.5 81.7#

89 45.7 77.3 115.9#

182 2.4 1.8 2.6

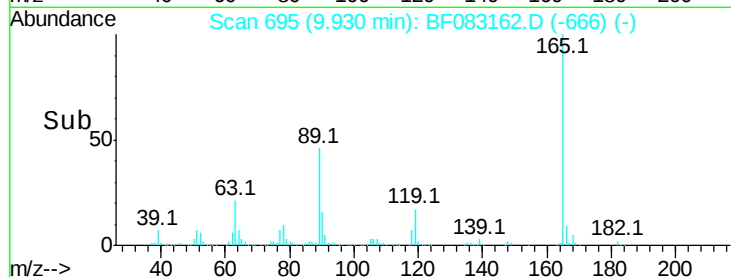


Abundance Ion 165.00 (164.70 to 165.70): E

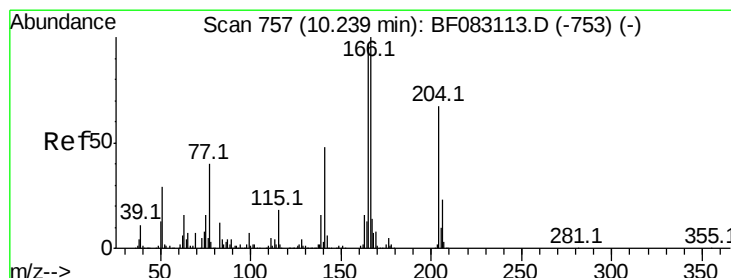
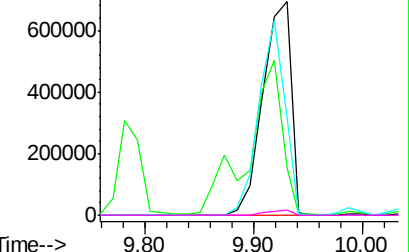
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 154.12 ng

RT: 10.26 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

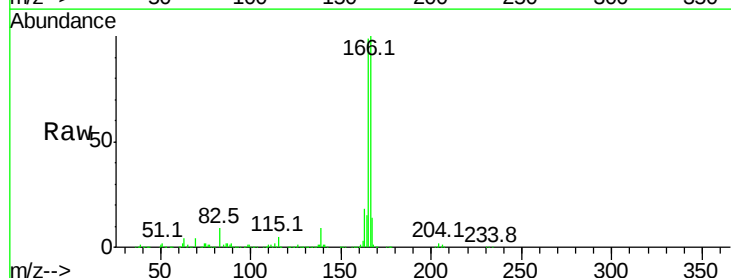
Tgt Ion:166 Resp: 3577132

Ion Ratio Lower Upper

166 100

165 98.8 78.0 117.0

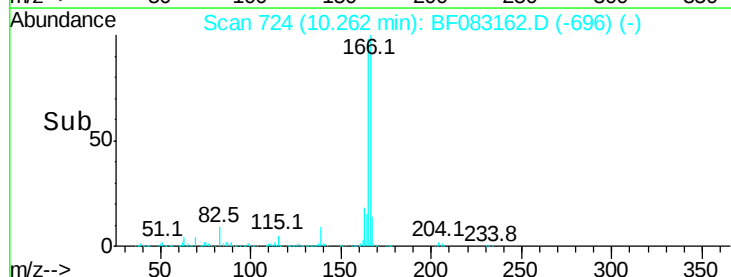
167 14.3 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

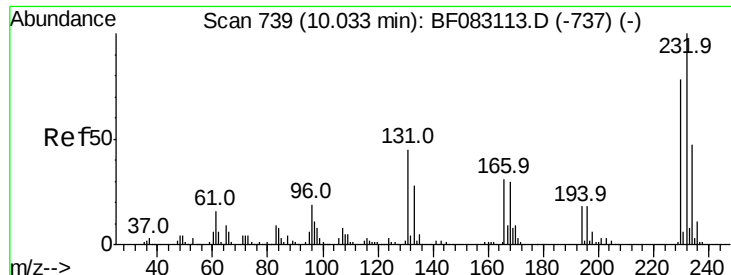
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

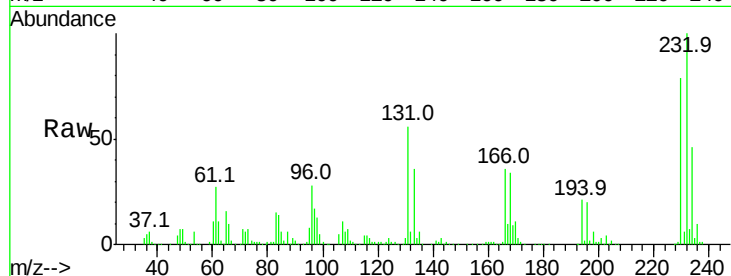




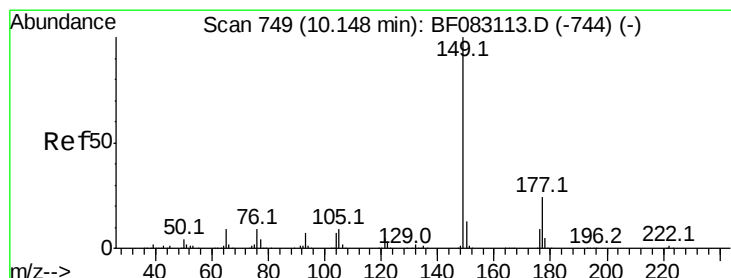
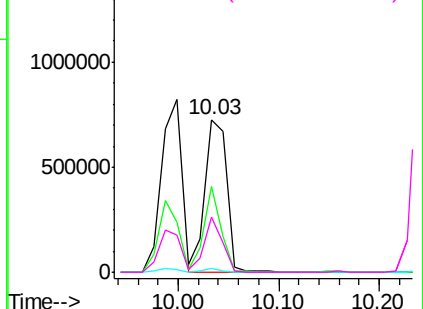
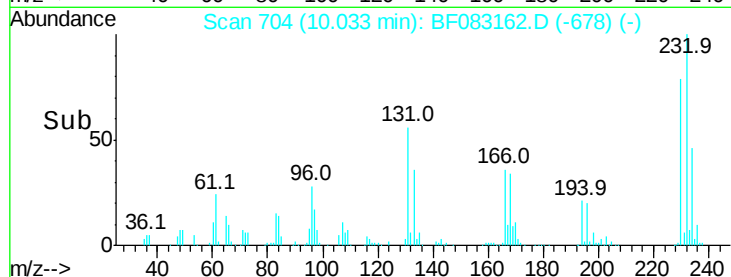
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 178.01 ng
 RT: 10.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SP3503

Tot Ion:232 Resp: 1091842
 Ion Ratio Lower Upper
 232 100
 131 44.2 38.6 57.8
 130 2.1 1.9 2.9
 166 29.7 25.4 38.0

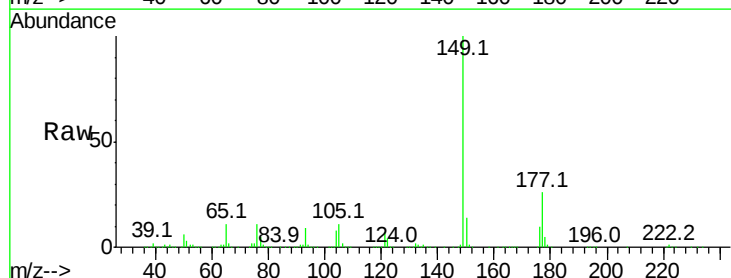


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

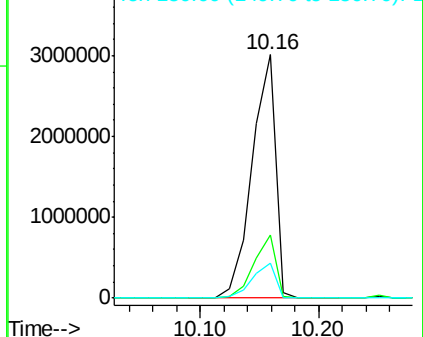
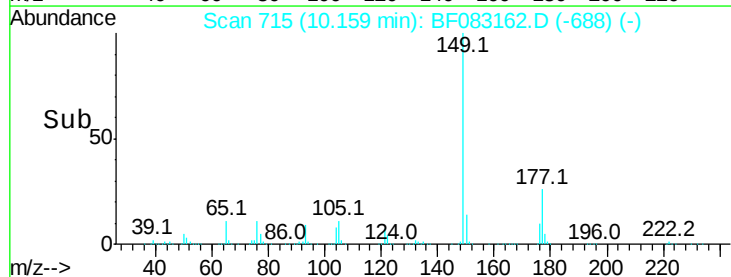


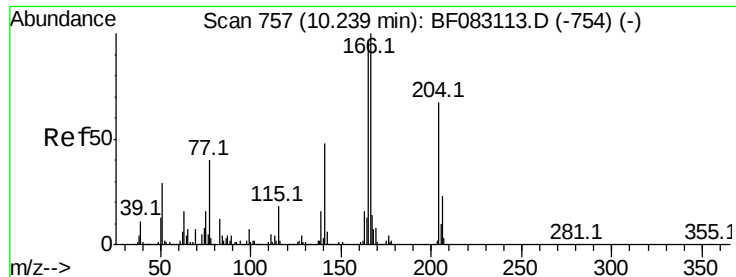
#59
 Diethylphthalate
 Concen: 173.44 ng
 RT: 10.16 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:149 Resp: 4187190
 Ion Ratio Lower Upper
 149 100
 177 25.7 19.4 29.2
 150 14.4 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

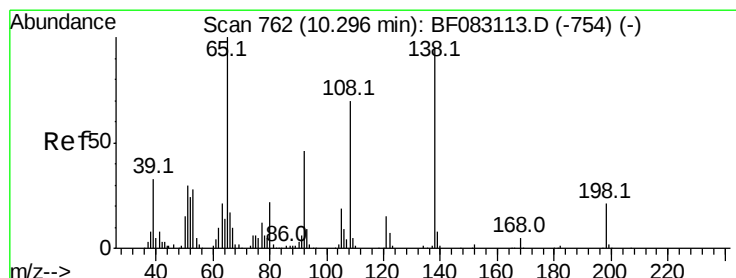
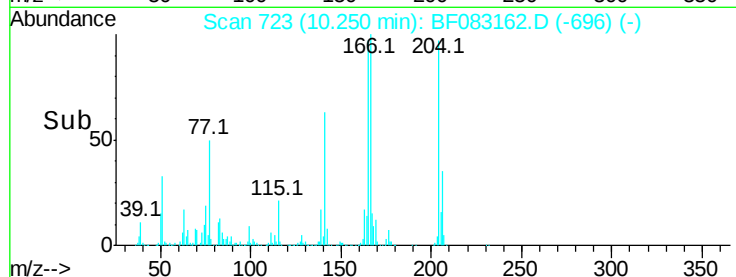
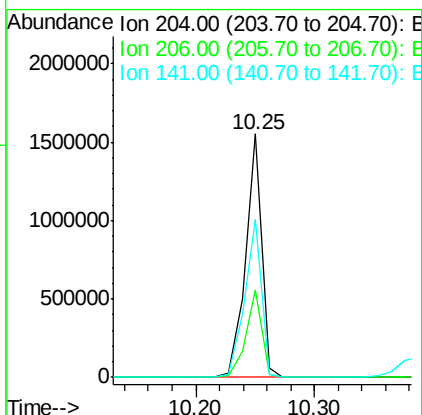
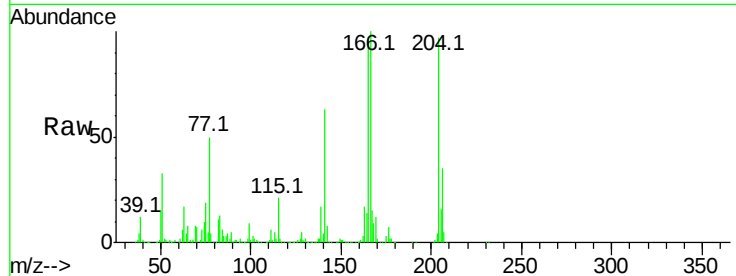




#60
4-Chlorophenyl-phenylether
Concen: 138.62 ng
RT: 10.25 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

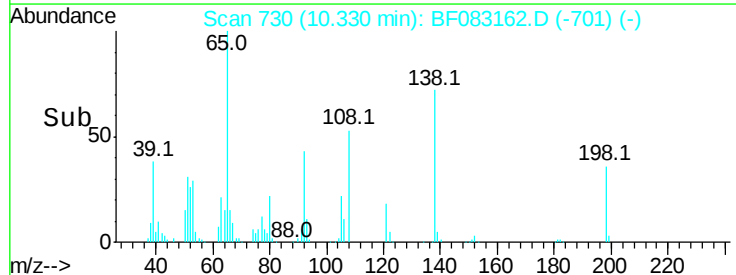
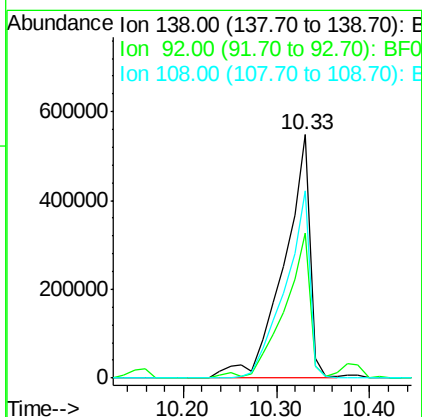
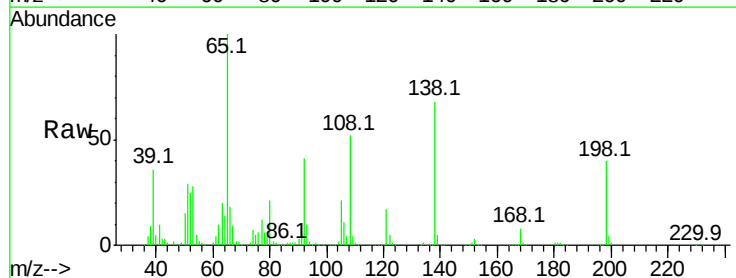
Instrument :
BNA_F
ClientSampled :
SP3503

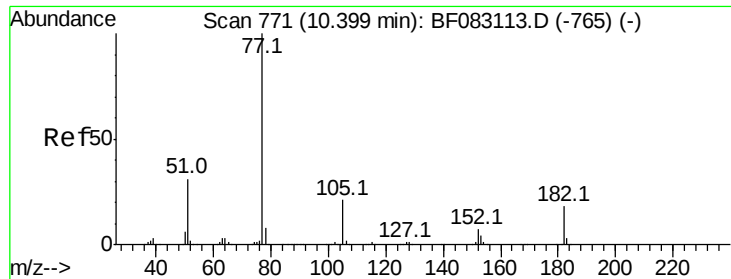
Tot Ion:204 Resp: 1473644
Ion Ratio Lower Upper
204 100
206 36.1 27.4 41.0
141 64.9 57.4 86.2



#61
4-Nitroaniline
Concen: 187.83 ng
RT: 10.33 min Scan# 730
Delta R.T. 0.03 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:138 Resp: 1072924
Ion Ratio Lower Upper
138 100
92 59.7 28.4 68.4
108 77.0 53.5 93.5





#62

Azobenzene

Concen: 169.14 ng

RT: 10.41 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

Tot Ion: 77 Resp: 4660605

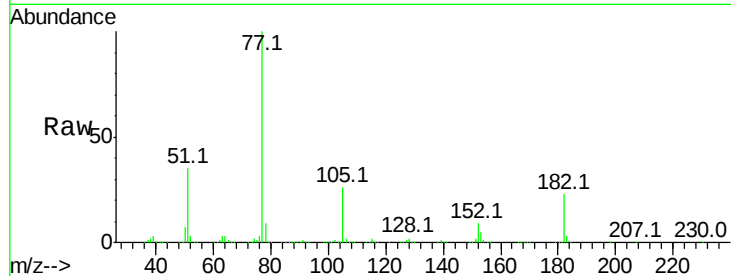
Ion Ratio Lower Upper

77 100

182 22.7 0.0 38.3

105 25.5 1.2 41.2

51 34.8 11.1 51.1

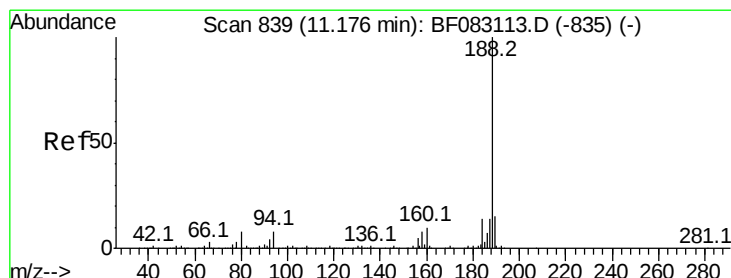
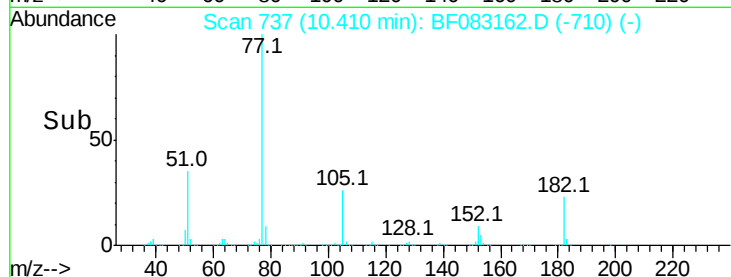
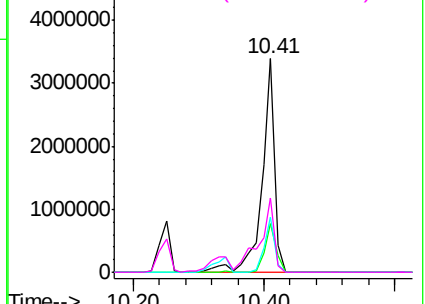


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.18 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

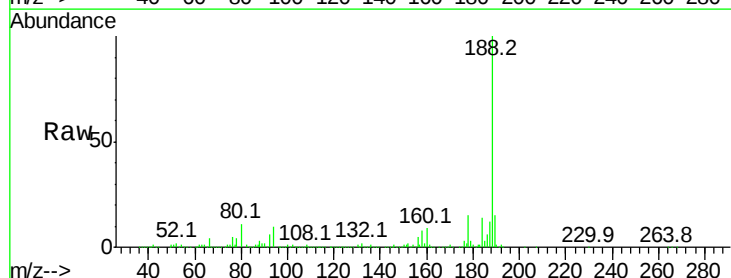
Tgt Ion: 188 Resp: 646543

Ion Ratio Lower Upper

188 100

94 9.8 6.0 9.0#

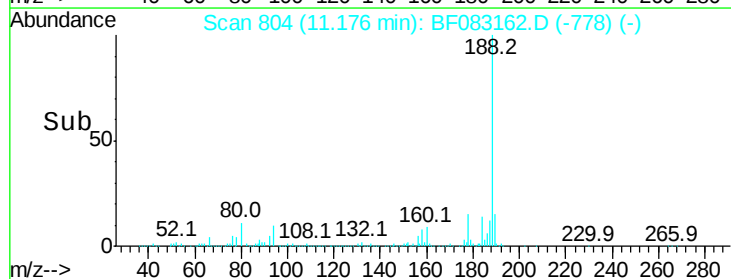
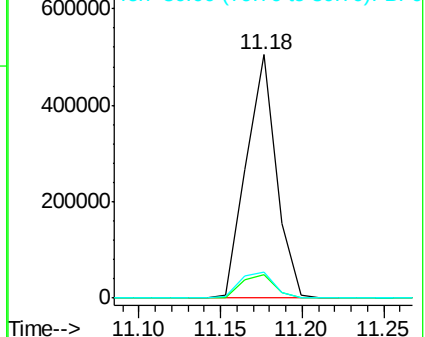
80 10.8 6.7 10.1#

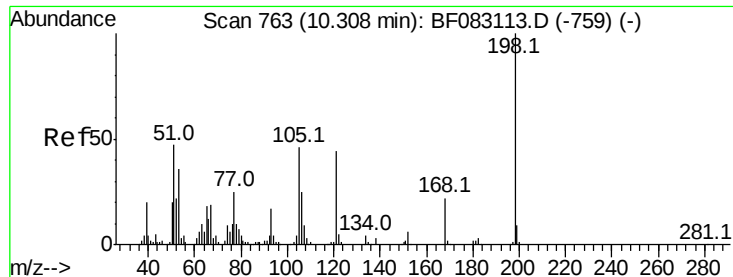


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

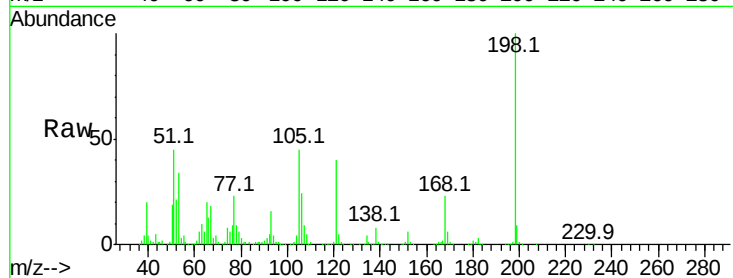




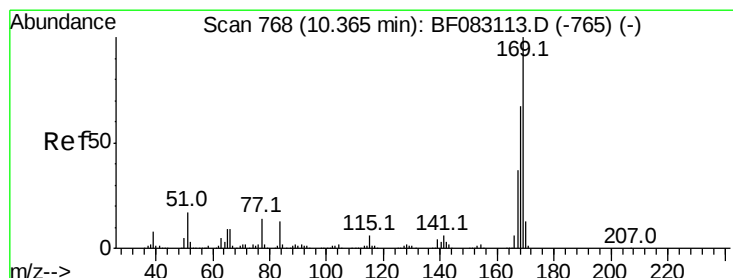
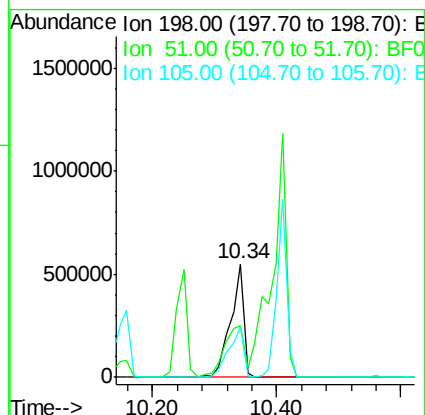
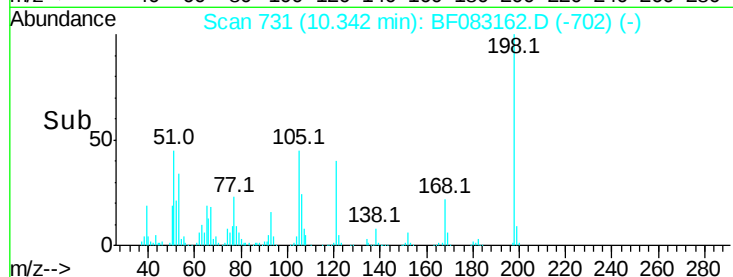
#64
4,6-Dinitro-2-methylphenol
Concen: 181.22 ng
RT: 10.34 min Scan# 731
Delta R.T. 0.03 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

Tot Ion:198 Resp: 807284
Ion Ratio Lower Upper
198 100
51 45.2 27.0 67.0
105 44.6 26.1 66.1

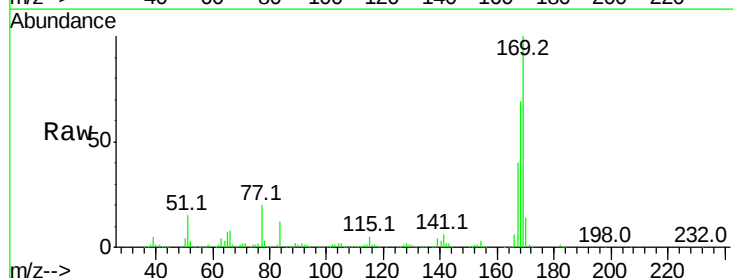


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

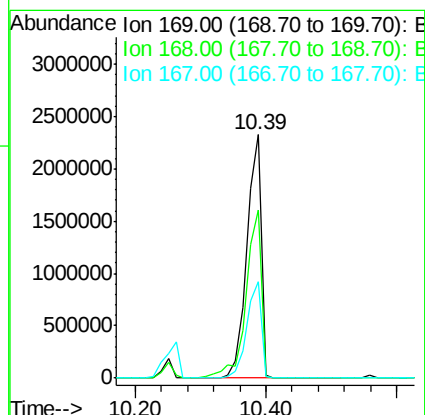
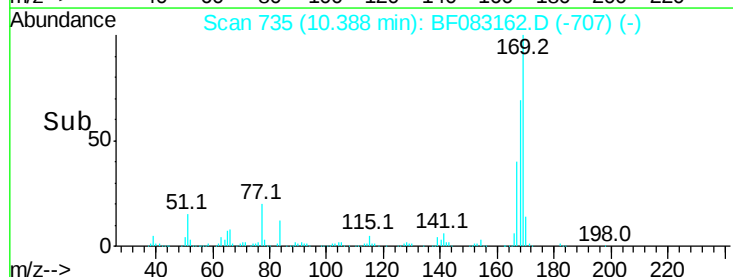


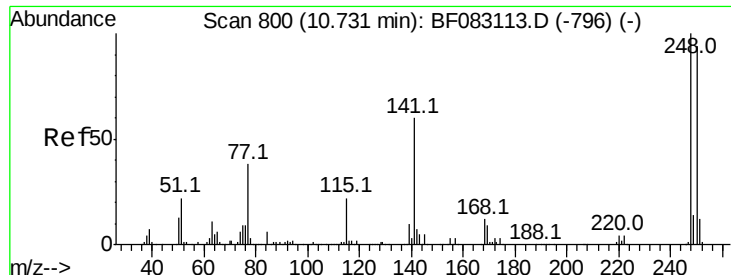
#65
n-Nitrosodiphenylamine
Concen: 158.25 ng
RT: 10.39 min Scan# 735
Delta R.T. 0.02 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:169 Resp: 3479807
Ion Ratio Lower Upper
169 100
168 68.8 53.8 80.6
167 39.6 29.8 44.8



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

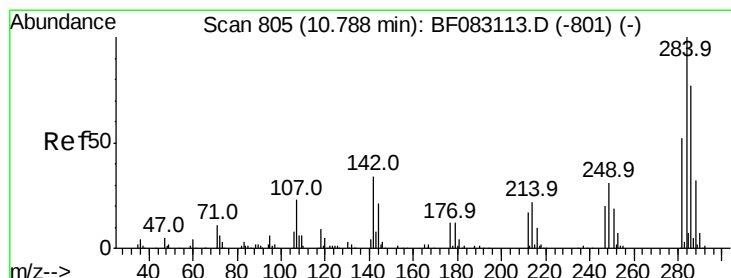
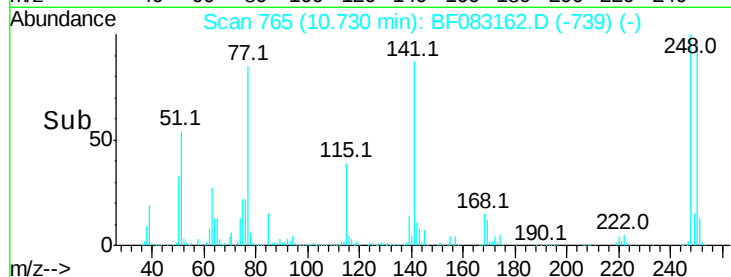
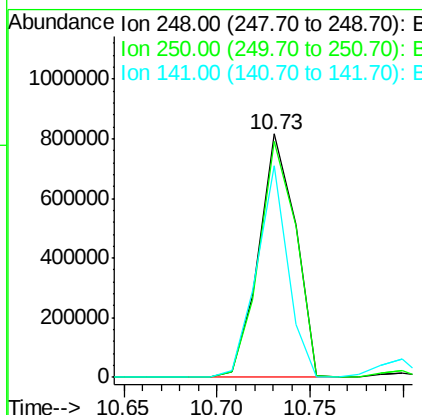
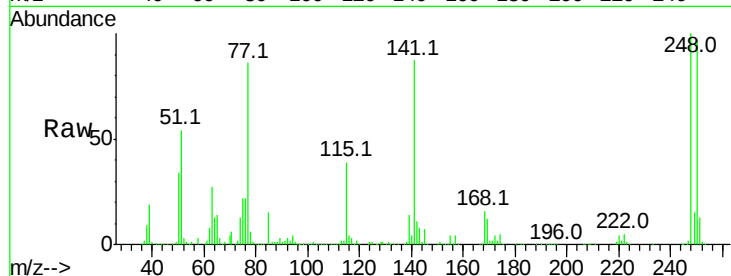




#66
 4-Bromophenyl-phenylether
 Concen: 155.54 ng
 RT: 10.73 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

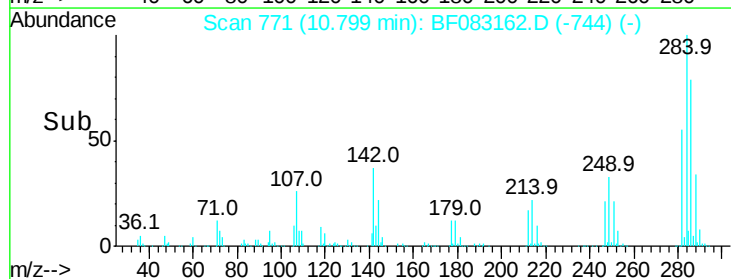
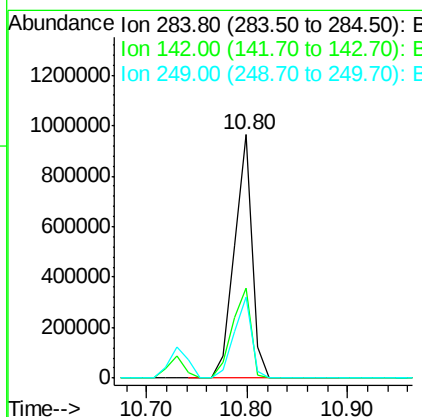
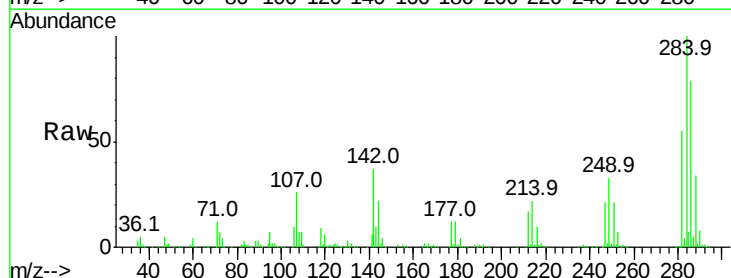
Instrument :
 BNA_F
 ClientSampleId :
 SP3503

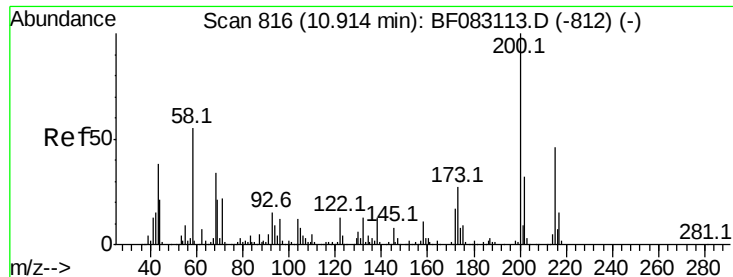
Tot Ion:248 Resp: 1115885
 Ion Ratio Lower Upper
 248 100
 250 96.8 75.4 113.2
 141 87.1 48.1 72.1#



#67
 Hexachlorobenzene
 Concen: 148.11 ng
 RT: 10.80 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:284 Resp: 1170198
 Ion Ratio Lower Upper
 284 100
 142 37.2 27.6 41.4
 249 33.3 25.5 38.3





#68

Atrazine

Concen: 25.35 ng

RT: 10.99 min Scan# 788

Delta R.T. 0.08 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

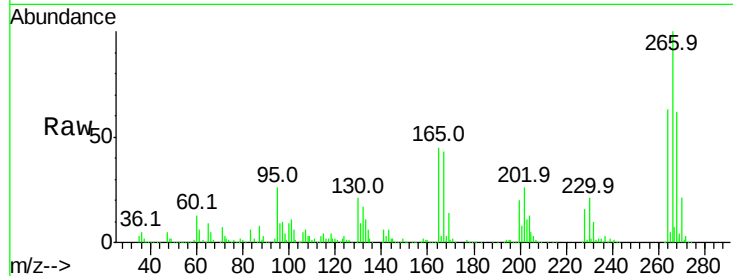
Tot Ion:200 Resp: 161865

Ion Ratio Lower Upper

200 100

173 0.0 7.2 47.2#

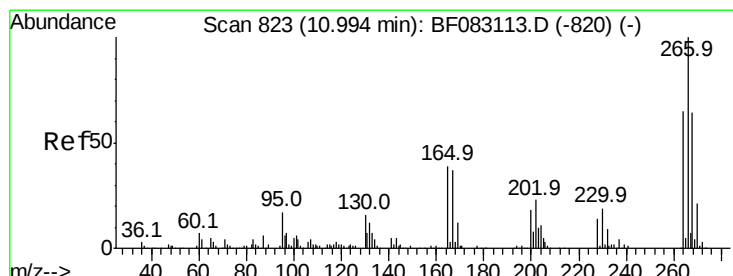
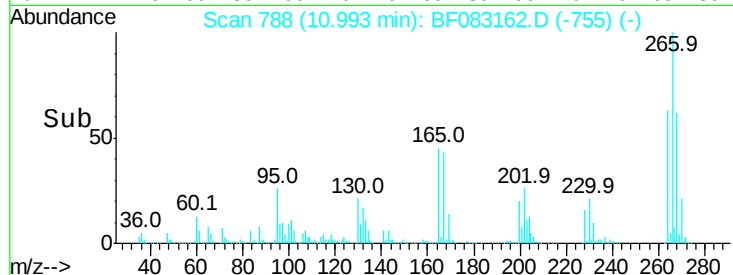
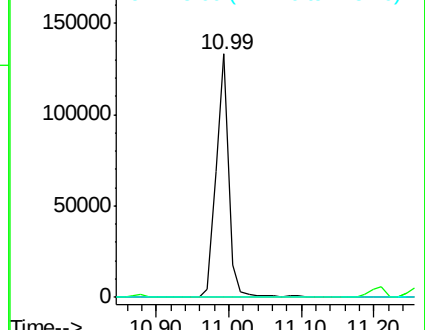
215 0.0 25.7 65.7#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 159.81 ng

RT: 10.99 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

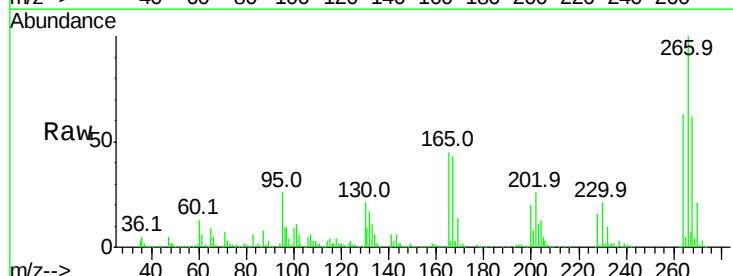
Tgt Ion:266 Resp: 822427

Ion Ratio Lower Upper

266 100

268 62.1 51.4 77.0

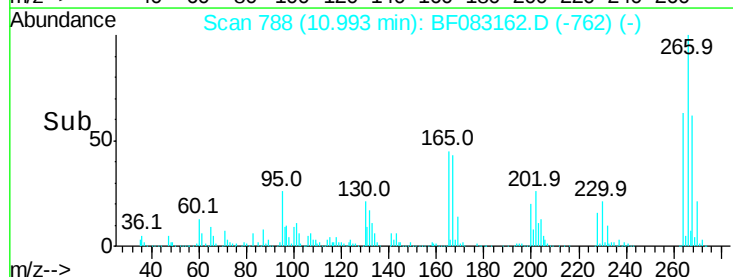
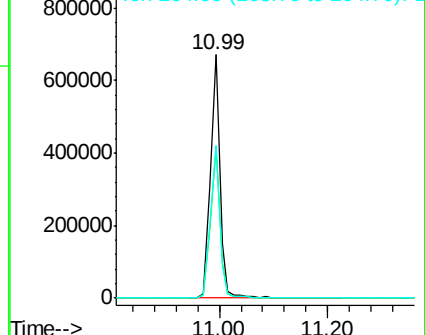
264 62.7 51.7 77.5

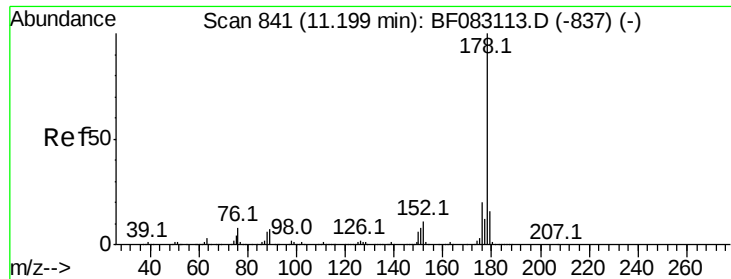


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

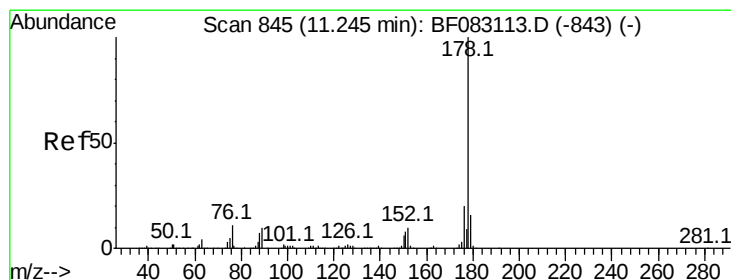
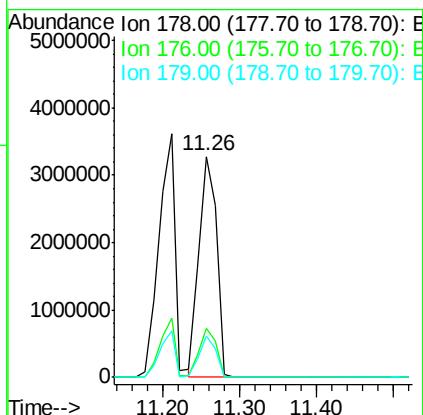
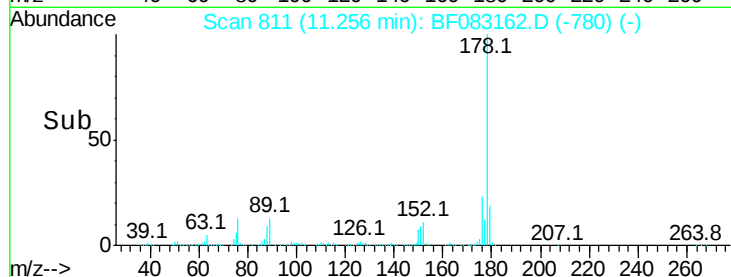
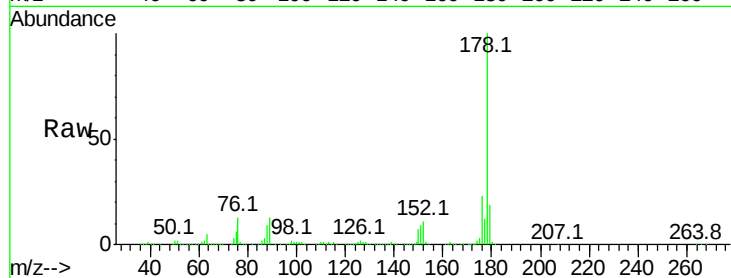




#70
Phenanthrene
Concen: 138.15 ng
RT: 11.26 min Scan# 811
Delta R.T. 0.06 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

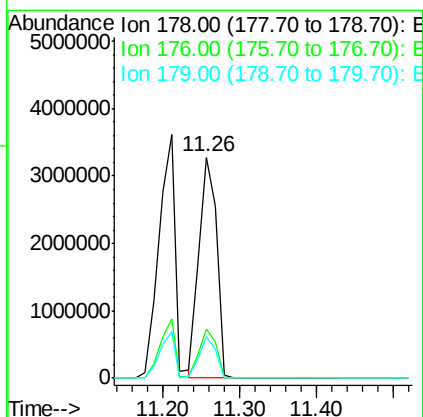
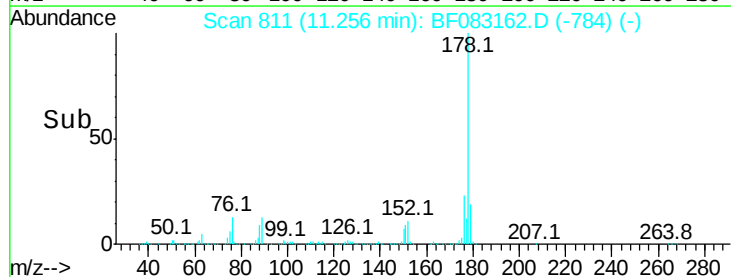
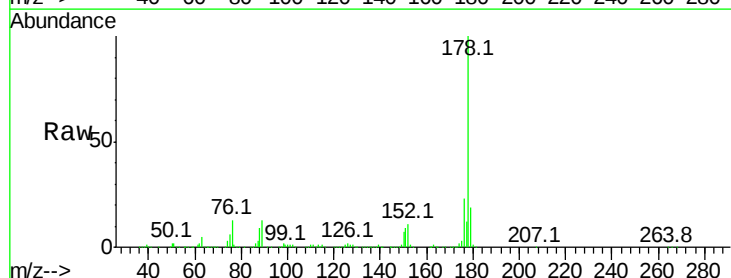
Instrument :
BNA_F
ClientSampleId :
SP3503

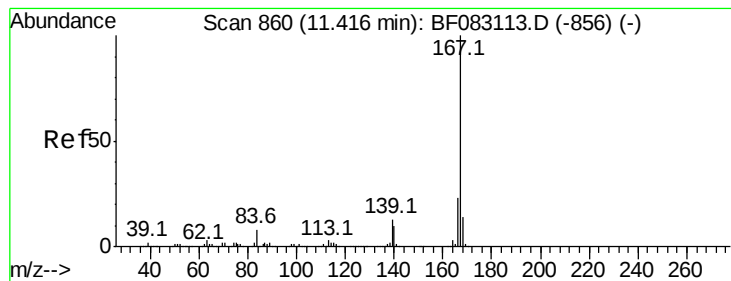
Tot Ion:178 Resp: 5145891
Ion Ratio Lower Upper
178 100
176 22.5 16.2 24.2
179 18.6 12.8 19.2



#71
Anthracene
Concen: 135.40 ng
RT: 11.26 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:178 Resp: 5145891
Ion Ratio Lower Upper
178 100
176 22.5 15.6 23.4
179 18.6 13.2 19.8





#72

Carbazole

Concen: 145.85 ng

RT: 11.42 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

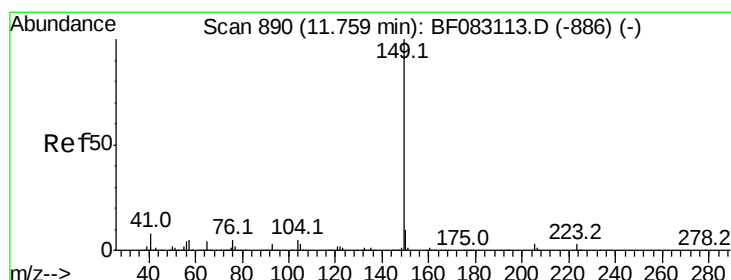
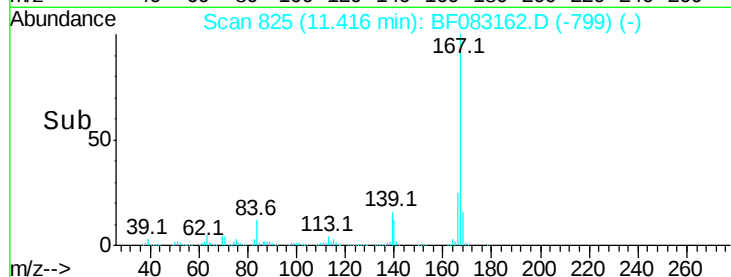
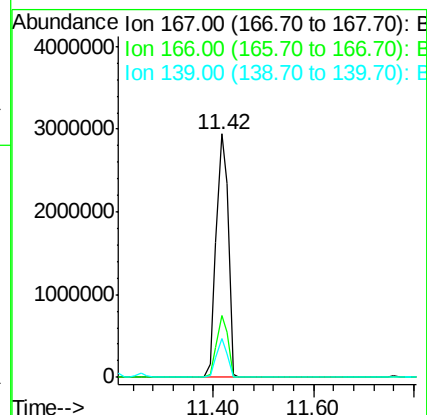
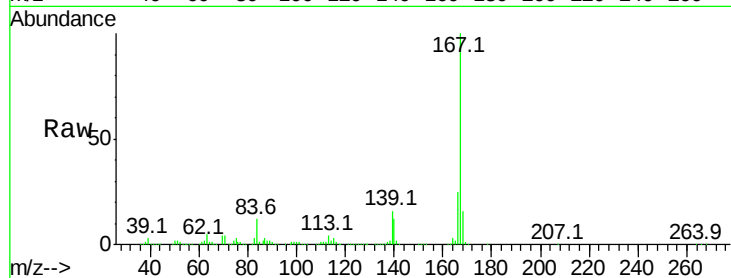
Tot Ion:167 Resp: 4926787

Ion Ratio Lower Upper

167 100

166 25.2 18.0 27.0

139 16.0 10.5 15.7#



#73

Di-n-butylphthalate

Concen: 138.83 ng

RT: 11.76 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

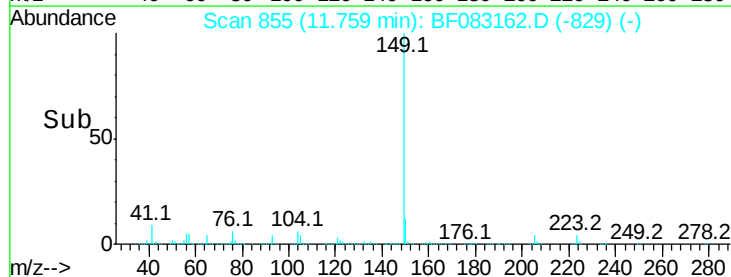
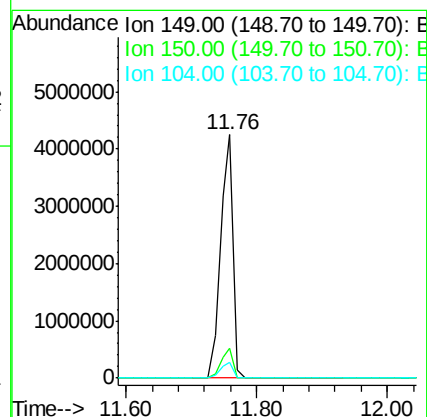
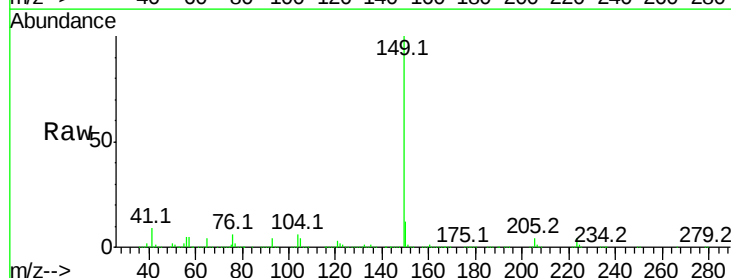
Tgt Ion:149 Resp: 5724280

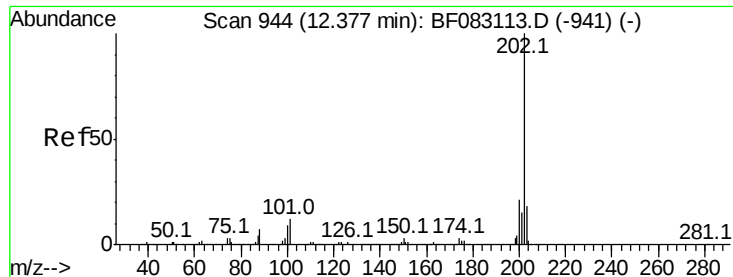
Ion Ratio Lower Upper

149 100

150 12.2 8.0 12.0#

104 6.4 4.4 6.6

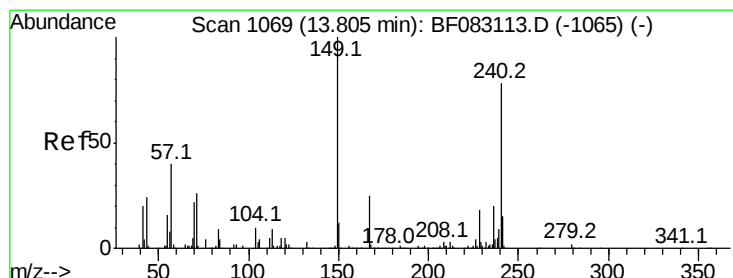
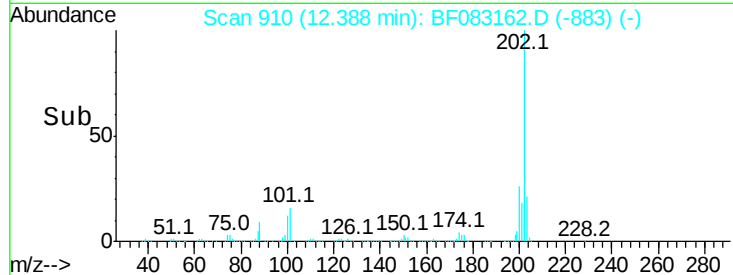
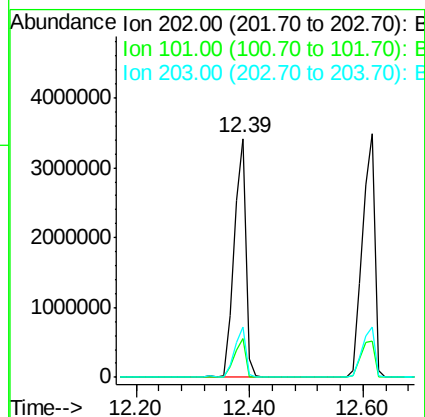
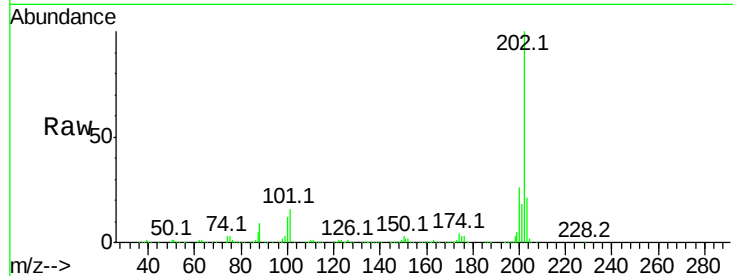




#74
 Fluoranthene
 Concen: 129.83 ng
 RT: 12.39 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

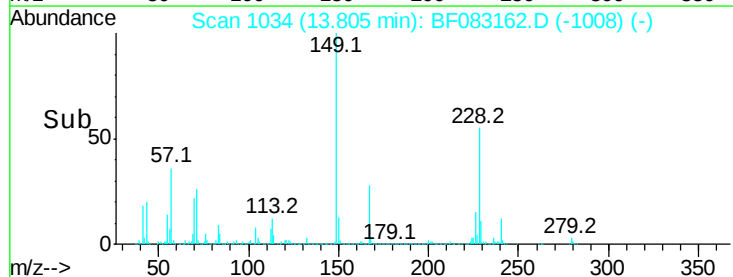
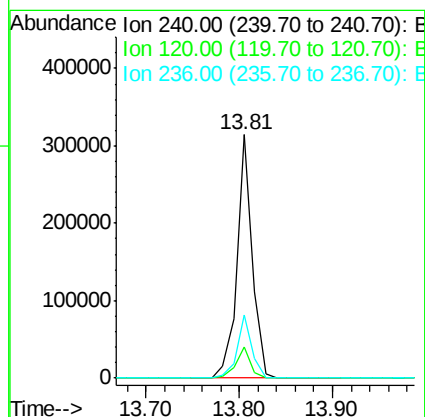
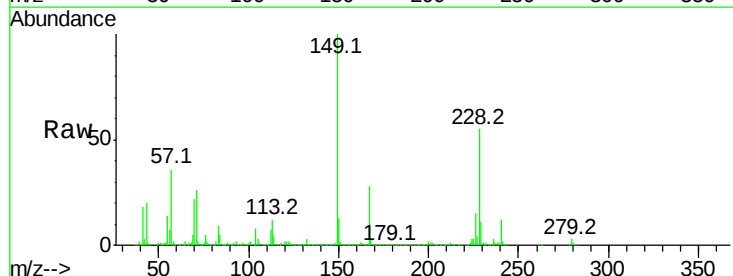
Instrument :
 BNA_F
 ClientSampleId :
 SP3503

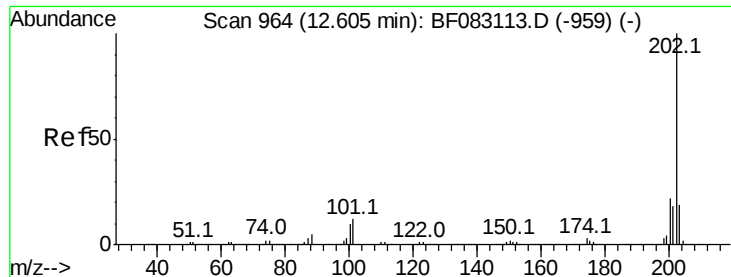
Tot Ion:202 Resp: 4949677
 Ion Ratio Lower Upper
 202 100
 101 16.1 0.0 32.3
 203 21.0 0.0 38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:240 Resp: 360944
 Ion Ratio Lower Upper
 240 100
 120 12.9 5.4 8.2#
 236 26.0 20.6 31.0

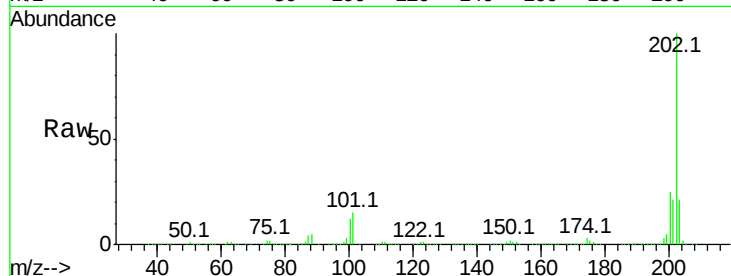




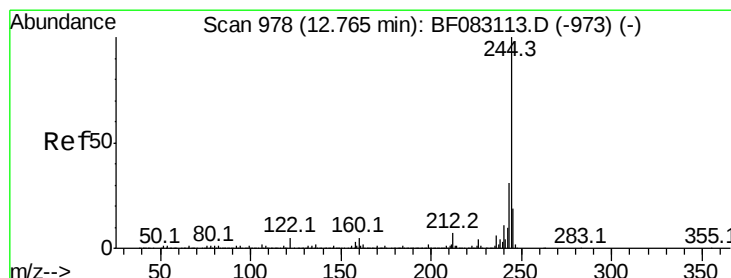
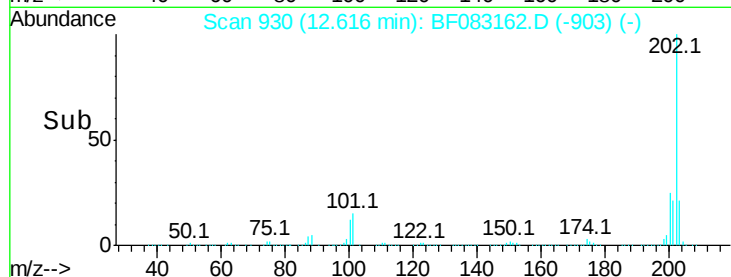
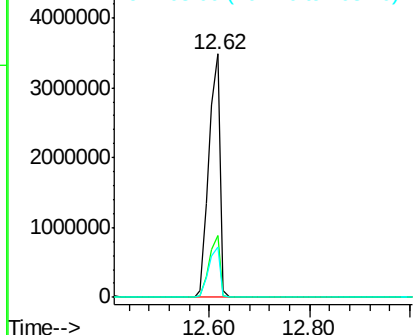
#77
Pvrene
Concen: 217.73 ng
RT: 12.62 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

Tot Ion:202 Resp: 5369103
Ion Ratio Lower Upper
202 100
200 25.4 17.8 26.6
203 20.8 15.0 22.4

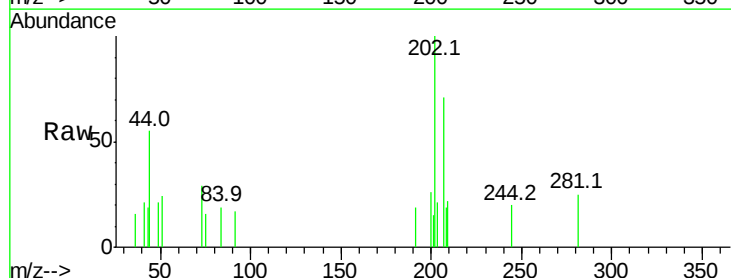


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

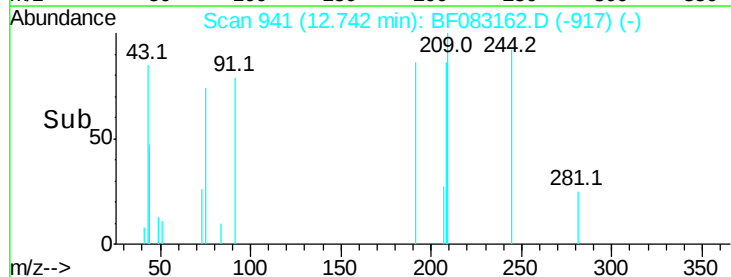
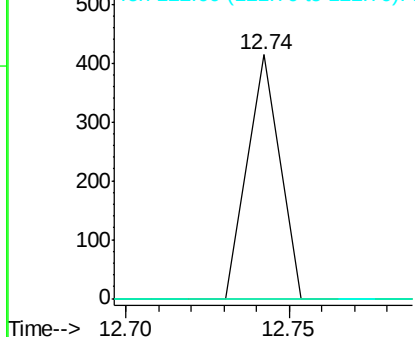


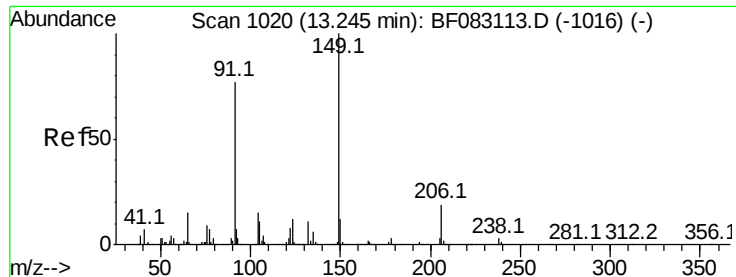
#78
Terphenyl-d14
Concen: 0.02 ng
RT: 12.74 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:244 Resp: 284
Ion Ratio Lower Upper
244 100
212 0.0 5.4 8.2#
122 0.0 4.3 6.5#



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

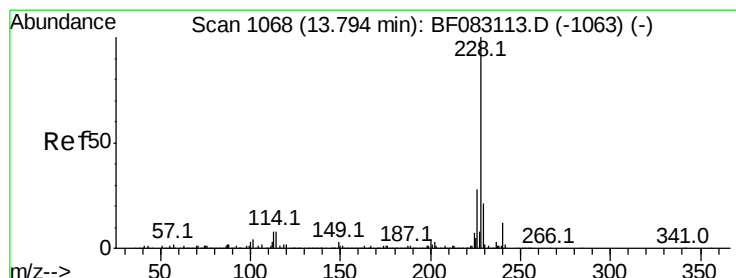
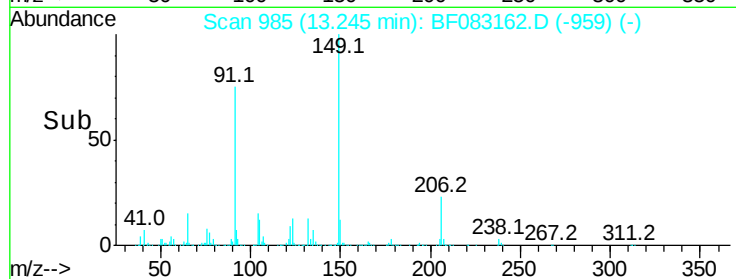
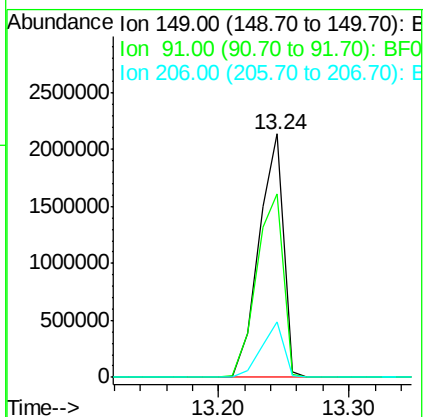
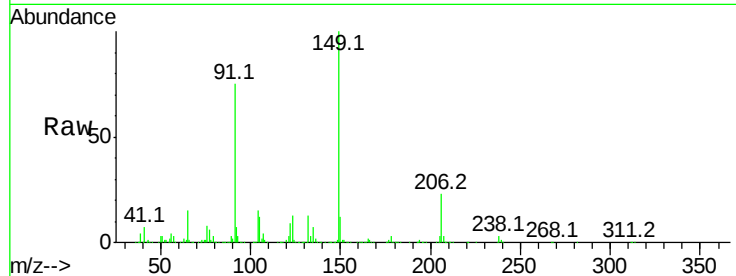




#79
Butylbenzylphthalate
Concen: 239.67 ng
RT: 13.24 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

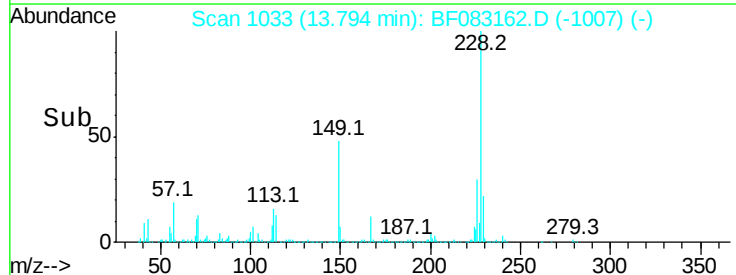
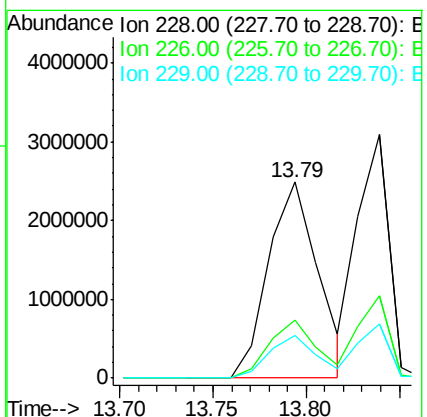
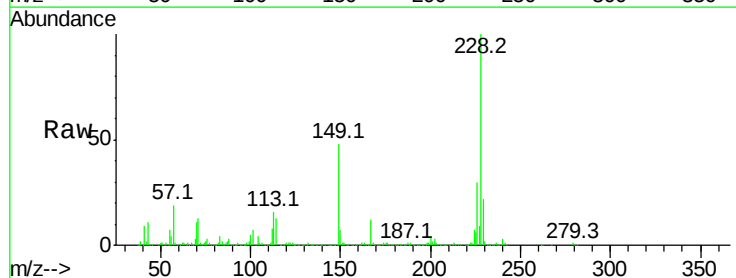
Instrument :
BNA_F
ClientSampled :
SP3503

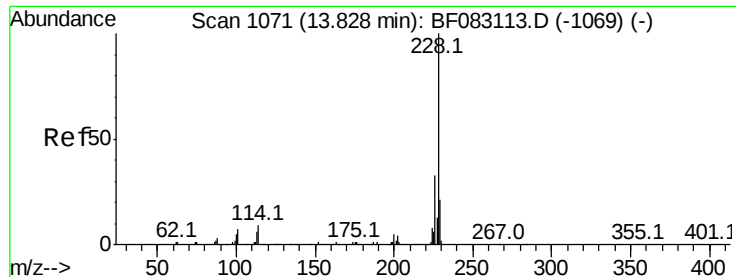
Tot Ion:149 Resp: 2797079
Ion Ratio Lower Upper
149 100
91 75.1 61.5 92.3
206 22.6 15.3 22.9



#80
Benzo(a)anthracene
Concen: 206.55 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:228 Resp: 4610736
Ion Ratio Lower Upper
228 100
226 29.7 22.6 33.8
229 21.9 16.6 24.8

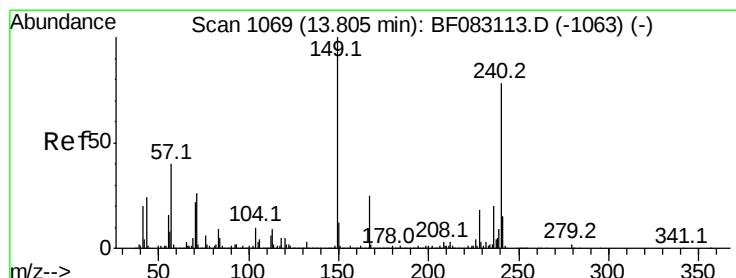
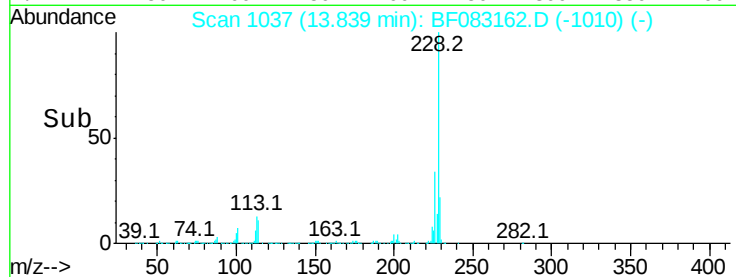
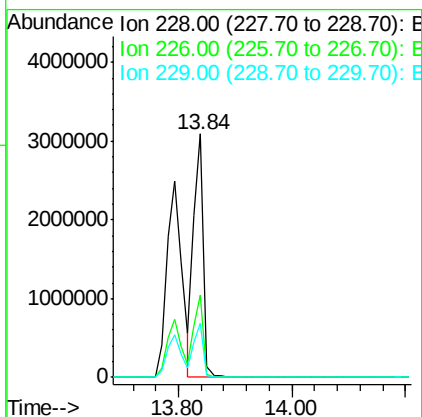
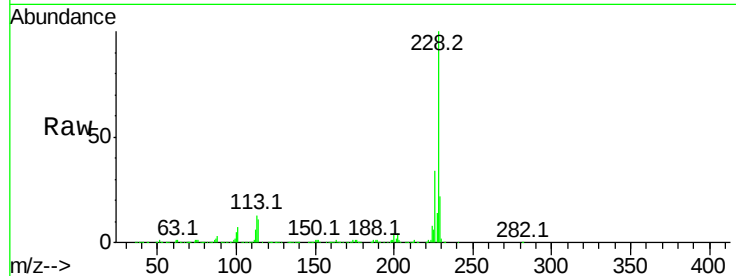




#82
Chrysene
Concen: 177.21 ng
RT: 13.84 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

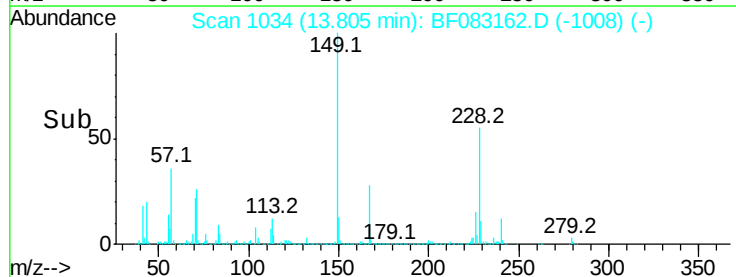
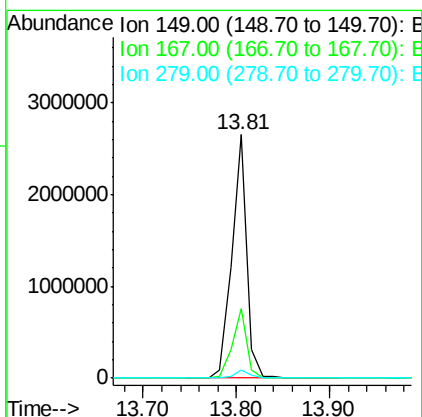
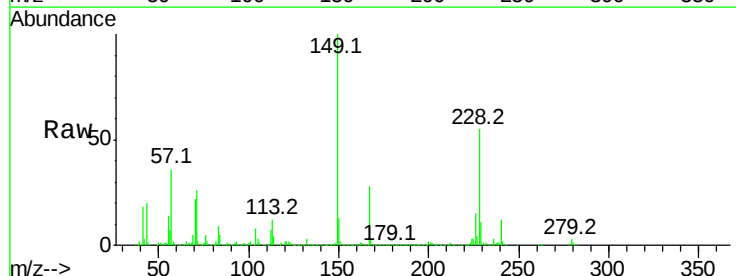
Instrument :
BNA_F
ClientSampleId :
SP3503

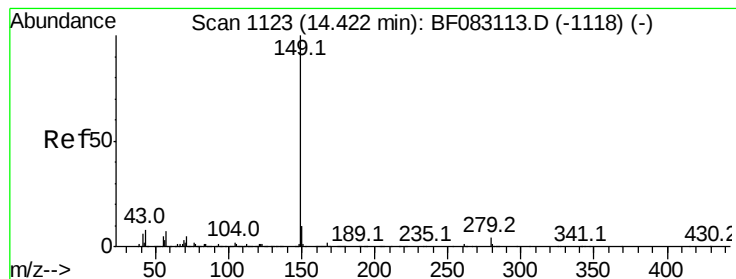
Tot Ion:228 Resp: 3668534
Ion Ratio Lower Upper
228 100
226 34.0 25.5 38.3
229 22.5 16.6 25.0



#83
Bis(2-ethylhexyl)phthalate
Concen: 193.53 ng
RT: 13.81 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:149 Resp: 2949869
Ion Ratio Lower Upper
149 100
167 28.3 20.1 30.1
279 3.3 1.7 2.5#





#84

Di-n-octyl phthalate

Concen: 197.35 ng

RT: 14.41 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

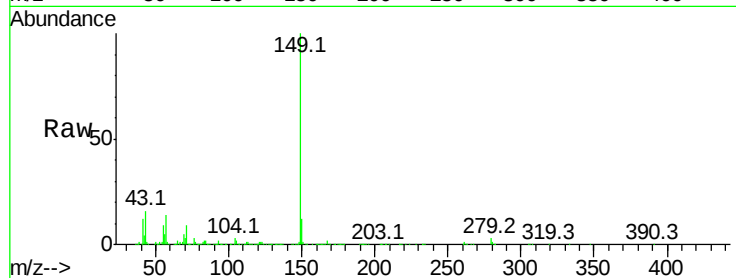
Tot Ion:149 Resp: 5178484

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

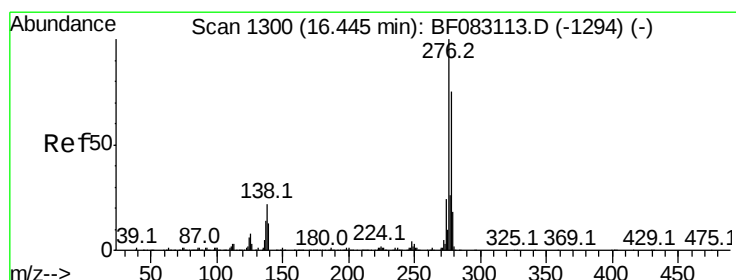
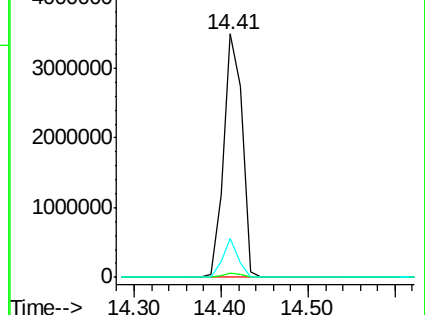
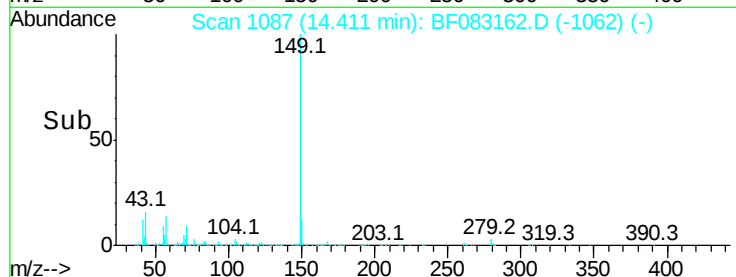
43 13.2 9.5 14.3



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: 250.51 ng

RT: 16.49 min Scan# 1269

Delta R.T. 0.05 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

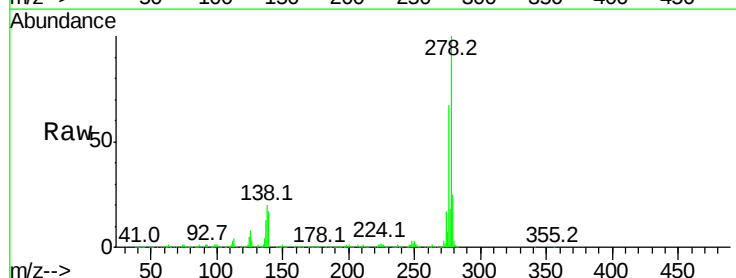
Tgt Ion:276 Resp: 4716946

Ion Ratio Lower Upper

276 100

138 26.3 18.0 27.0

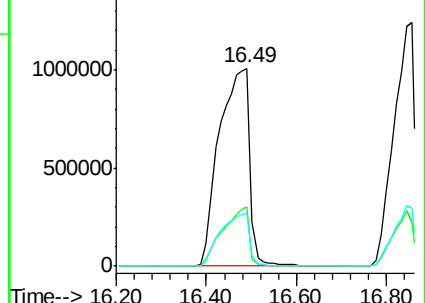
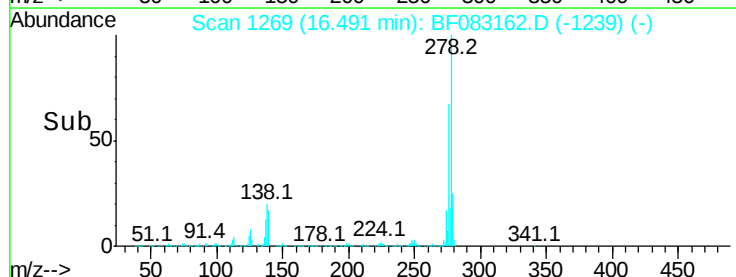
277 25.8 20.2 30.4

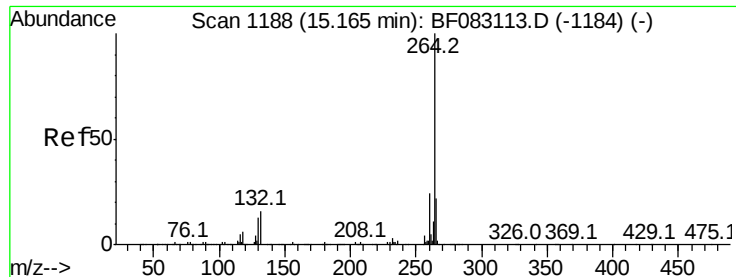


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

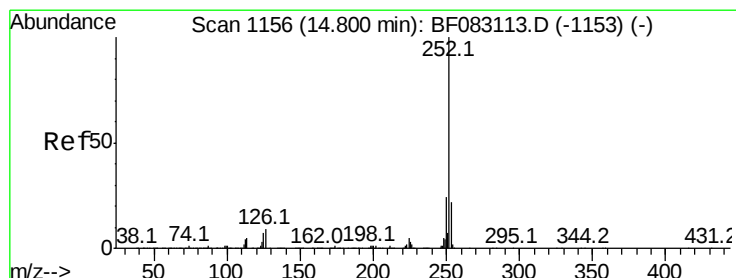
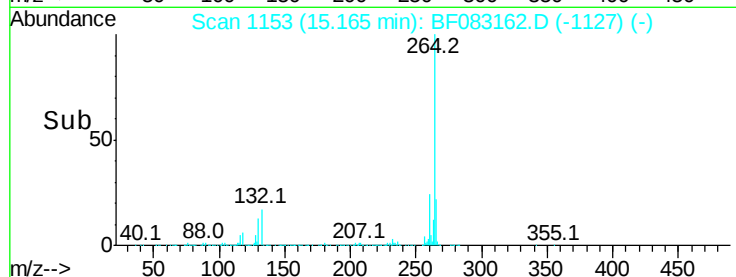
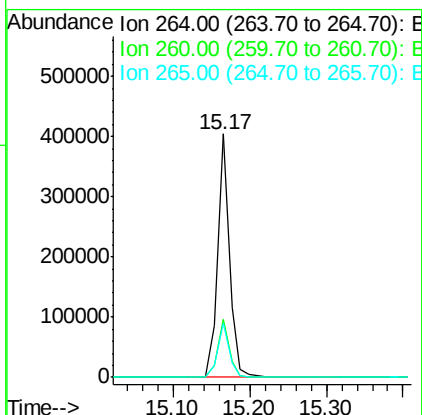
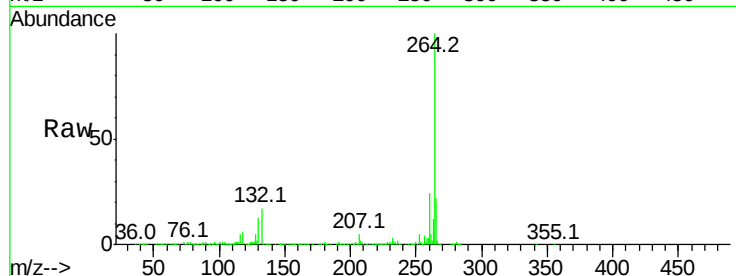




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

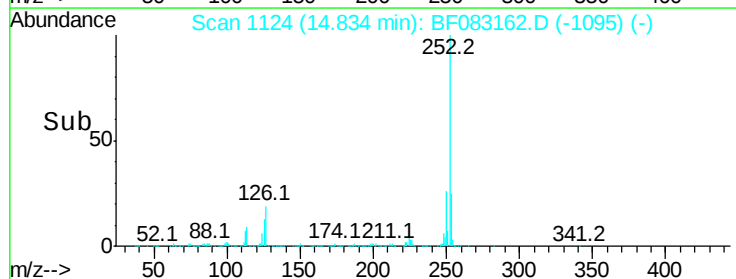
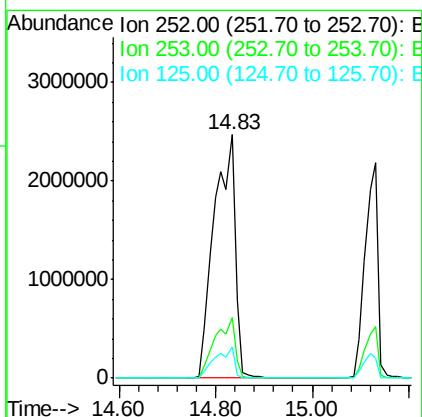
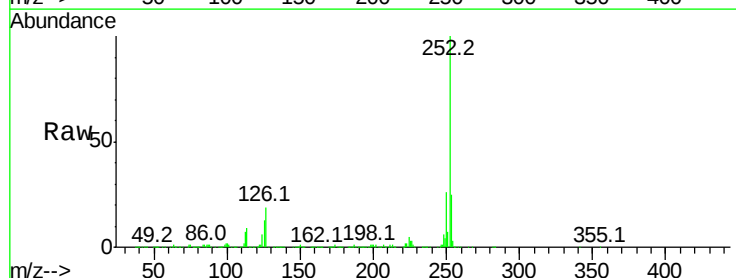
Instrument :
BNA_F
ClientSampleId :
SP3503

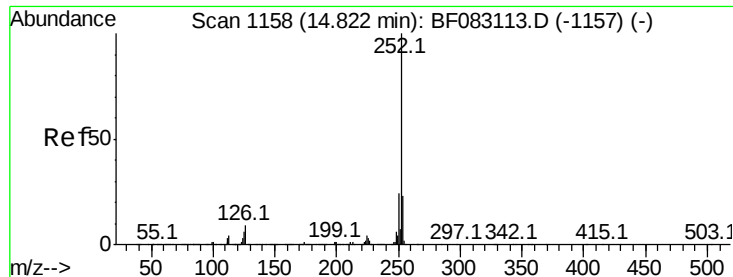
Tot Ion:264 Resp: 432826
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.3 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 256.80 ng
RT: 14.83 min Scan# 1124
Delta R.T. 0.03 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:252 Resp: 7594677
Ion Ratio Lower Upper
252 100
253 24.8 17.7 26.5
125 13.0 5.6 8.4#





#88

Benzo(k)fluoranthene

Concen: 344.68 ng

RT: 14.83 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

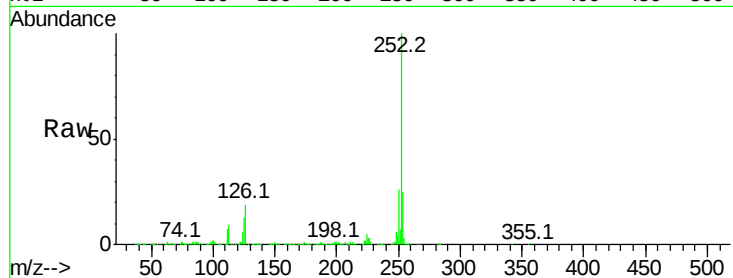
Tot Ion:252 Resp: 7594677

Ion Ratio Lower Upper

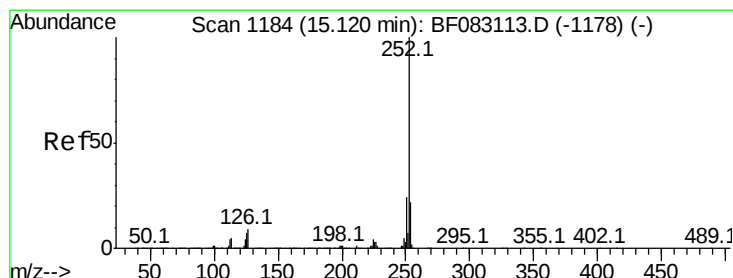
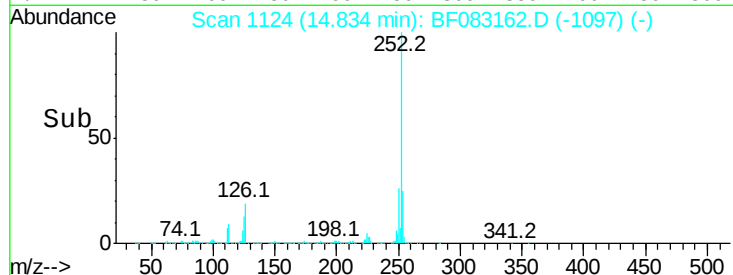
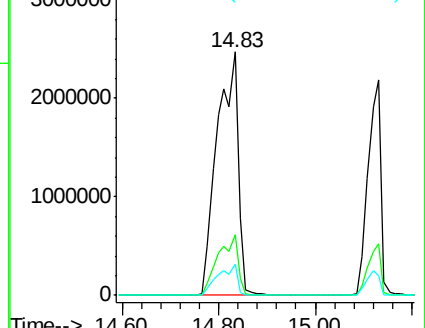
252 100

253 24.8 18.2 27.2

125 13.0 6.8 10.2#



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: 165.96 ng

RT: 15.13 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

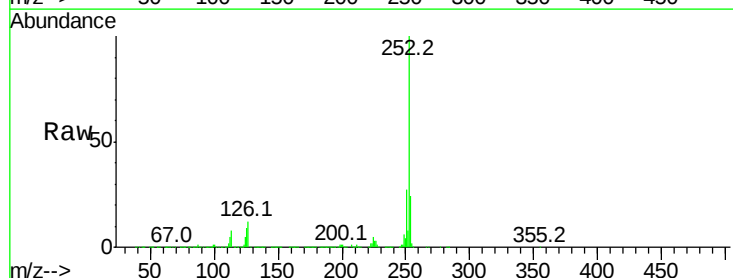
Tgt Ion:252 Resp: 4052158

Ion Ratio Lower Upper

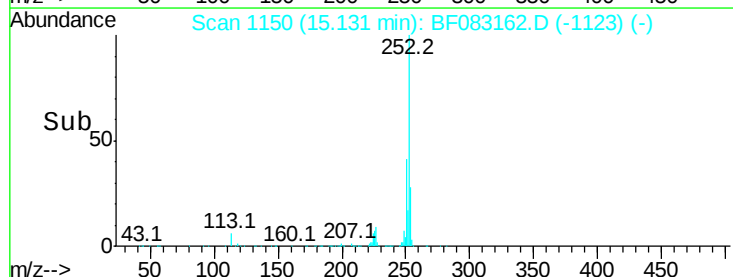
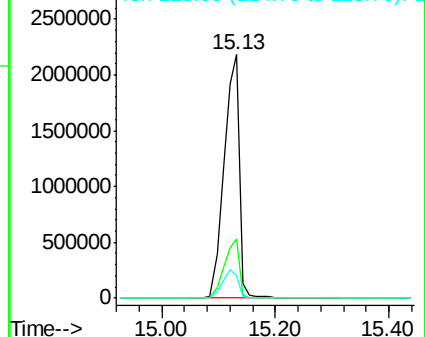
252 100

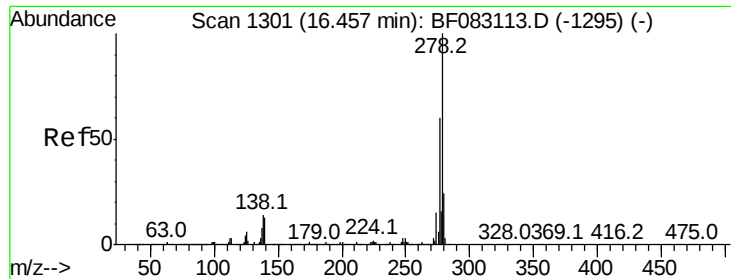
253 24.2 17.5 26.3

125 9.1 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 172.75 ng

RT: 16.49 min Scan# 1269

Delta R.T. 0.03 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

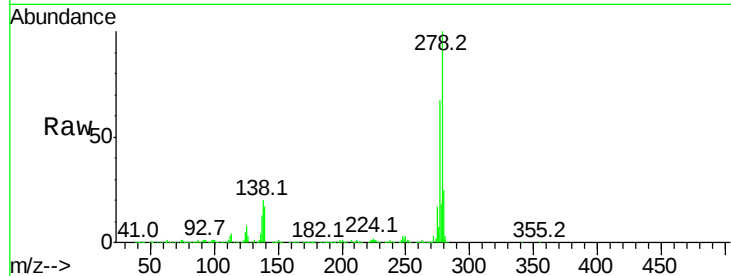
BNA_F

ClientSampleId :

SP3503

Tot Ion:278 Resp: 3831410

Ion	Ratio	Lower	Upper
278	100		
139	16.8	10.7	16.1#
279	25.3	19.3	28.9

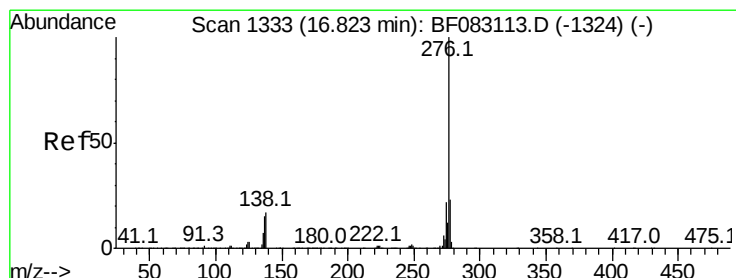
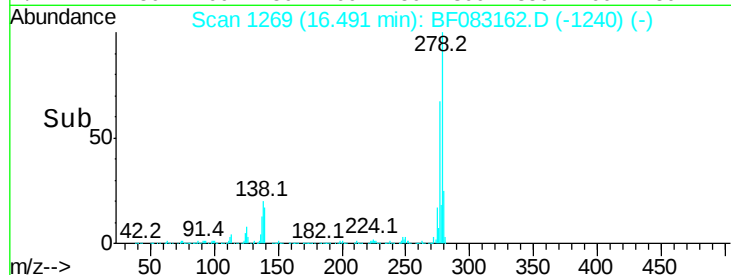
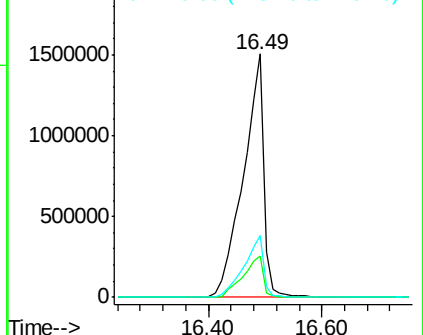


Abundance

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: 183.58 ng

RT: 16.86 min Scan# 1301

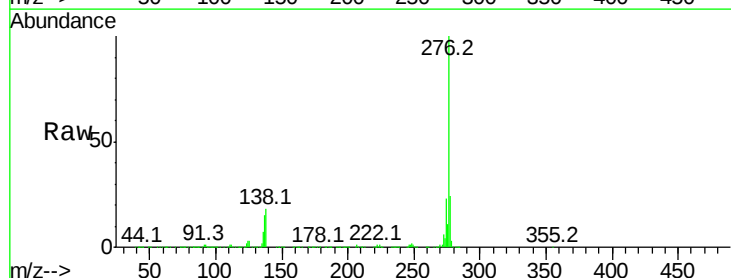
Delta R.T. 0.03 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Tgt Ion:276 Resp: 3974887

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	18.0	13.9	20.9



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

