

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083252.D
 Acq On : 24 Nov 2015 22:39
 Operator : UM/IZ
 Sample : PB86782BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Quant Time: Nov 25 00:35:43 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	6.60	152	168323	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	643845	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	333120	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	638754	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	540505	20.00	ng	-0.06
86) Perylene-d12	15.11	264	431826	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	783296	70.35	ng	-0.07
7) Phenol-d6	6.27	99	994695	69.05	ng	-0.07
23) Nitrobenzene-d5	7.18	82	961555	68.24	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	224602	65.90	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	1554167	65.06	ng	-0.05
78) Terphenyl-d14	12.71	244	1490953	64.96	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	149774	27.16	ng	# 89
4) n-Nitrosodimethylamine	2.71	42	244992	36.47	ng	95
6) Aniline	6.27	93	336741	19.13	ng	# 86
8) 2-Chlorophenol	6.40	128	415664	34.56	ng	96
9) Benzaldehyde	6.15	77	219816	27.85	ng	95
10) Phenol	6.28	94	549084	31.51	ng	89
11) bis(2-Chloroethyl)ether	6.35	93	451631	36.29	ng	99
12) 1,3-Dichlorobenzene	6.78	146	393382	28.64	ng	97
13) 1,4-Dichlorobenzene	6.63	146	446948	32.17	ng	96
14) 1,2-Dichlorobenzene	6.78	146	404800	32.06	ng	95
15) Benzyl Alcohol	6.78	79	388750	32.29	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	759584	39.15	ng	86
17) 2-Methylphenol	6.90	107	352688	35.43	ng	95
18) Hexachloroethane	7.12	117	153623	31.39	ng	# 83
19) n-Nitroso-di-n-propylamine	7.04	70	357233	35.63	ng	99
20) 3+4-Methylphenols	7.06	107	463920	36.87	ng	97
22) Acetophenone	7.03	105	573303	31.02	ng	# 97
24) Nitrobenzene	7.20	77	501503	33.31	ng	98
25) Isophorone	7.44	82	861598	32.30	ng	97
26) 2-Nitrophenol	7.52	139	211638	31.84	ng	90
27) 2,4-Dimethylphenol	7.58	122	350408	33.03	ng	98
28) bis(2-Chloroethoxy)methane	7.67	93	554263	35.73	ng	100
29) 2,4-Dichlorophenol	7.77	162	347098	34.40	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	343251	30.97	ng	96
31) Naphthalene	7.92	128	1120155	32.24	ng	99
32) Benzoic acid	7.72	122	248123	30.09	ng	99
33) 4-Chloroaniline	7.99	127	144984	10.75	ng	# 89
34) Hexachlorobutadiene	8.04	225	192620	29.41	ng	95
35) Caprolactam	8.35	113	83772	25.91	ng	91
36) 4-Chloro-3-methylphenol	8.49	107	399967	34.23	ng	97
37) 2-Methylnaphthalene	8.62	142	785904	34.85	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	323915	30.00	ng	98
40) Hexachlorocyclopentadiene	8.78	237	368749	60.06	ng	98
42) 2,4,6-Trichlorophenol	8.90	196	245349	31.73	ng	99

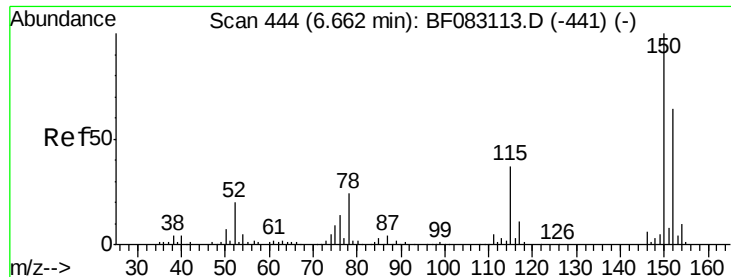
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083252.D
 Acq On : 24 Nov 2015 22:39
 Operator : UM/IZ
 Sample : PB86782BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Quant Time: Nov 25 00:35:43 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)
43) 2,4,5-Trichlorophenol	8.95	196	278336	35.20	ng	# 93
45) 1,1'-Biphenyl	9.07	154	874427	30.84	ng	95
46) 2-Chloronaphthalene	9.10	162	705171	31.67	ng	94
47) 2-Nitroaniline	9.21	65	277016	35.16	ng	# 68
48) Acenaphthylene	9.51	152	1119648	32.44	ng	100
49) Dimethylphthalate	9.39	163	909365	35.46	ng	99
50) 2,6-Dinitrotoluene	9.45	165	203115	35.30	ng	# 65
51) Acenaphthene	9.68	154	685277	32.63	ng	99
52) 3-Nitroaniline	9.61	138	93005	15.16	ng	# 53
53) 2,4-Dinitrophenol	9.72	184	239657	72.29	ng	# 82
54) Dibenzofuran	9.85	168	993730	33.46	ng	95
55) 4-Nitrophenol	9.80	139	263152	55.93	ng	88
56) 2,4-Dinitrotoluene	9.85	165	269756	37.00	ng	88
57) Fluorene	10.19	166	810031	33.00	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	211466	32.60	ng	96
59) Diethylphthalate	10.09	149	873681	34.22	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	392107	34.88	ng	89
61) 4-Nitroaniline	10.23	138	185476	30.71	ng	91
62) Azobenzene	10.35	77	1090022	37.41	ng	95
64) 4,6-Dinitro-2-methylphenol	10.25	198	142259	32.32	ng	# 54
65) n-Nitrosodiphenylamine	10.32	169	717996	33.05	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	223823	31.58	ng	# 77
67) Hexachlorobenzene	10.74	284	259757	33.28	ng	95
68) Atrazine	10.84	200	216977	34.39	ng	98
69) Pentachlorophenol	10.95	266	293070	57.64	ng	99
70) Phenanthrene	11.15	178	1252831	34.04	ng	98
71) Anthracene	11.20	178	1273847	33.93	ng	100
72) Carbazole	11.36	167	1061228	31.80	ng	99
73) Di-n-butylphthalate	11.70	149	1337416	32.83	ng	100
74) Fluoranthene	12.33	202	1327954	35.26	ng	98
76) Benzidine	12.46	184	417507	29.47	ng	99
77) Pyrene	12.56	202	1337353	36.22	ng	98
79) Butylbenzylphthalate	13.19	149	560315	32.06	ng	86
80) Benzo(a)anthracene	13.74	228	1143205	34.20	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	236206	20.30	ng	# 98
82) Chrysene	13.78	228	1047265	33.78	ng	97
83) Bis(2-ethylhexyl)phthalate	13.76	149	779532	34.15	ng	# 96
84) Di-n-octyl phthalate	14.37	149	1145475	29.15	ng	96
85) Indeno(1,2,3-cd)pyrene	16.34	276	854983	30.32	ng	96
87) Benzo(b)fluoranthene	14.77	252	1725953	58.50	ng	# 96
88) Benzo(k)fluoranthene	14.77	252	1725953	78.51	ng	# 96
89) Benzo(a)pyrene	15.05	252	793715	32.58	ng	# 94
90) Dibenzo(a,h)anthracene	16.37	278	725387	32.78	ng	100
91) Benzo(g,h,i)perylene	16.72	276	716002	33.15	ng	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

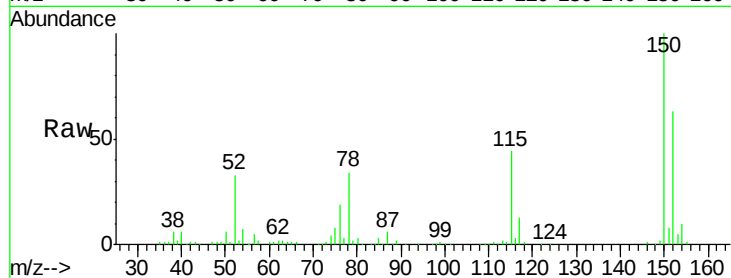
Tgt Ion:152 Resp: 168323

Ion Ratio Lower Upper

152 100

150 158.1 125.8 188.8

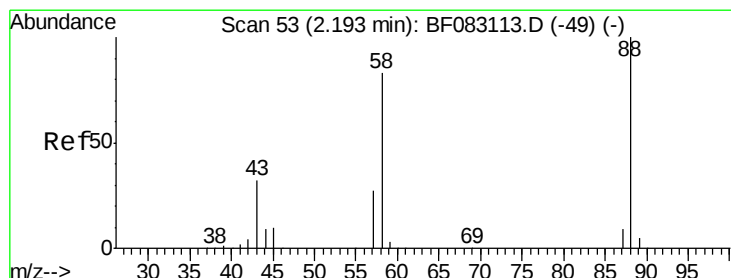
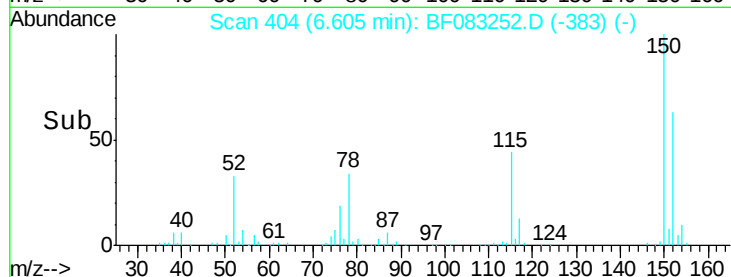
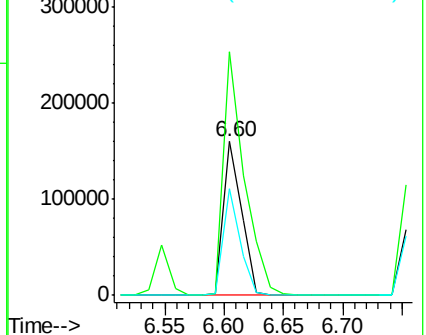
115 69.5 46.9 70.3



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



#2

1,4-Dioxane

Concen: 27.16 ng

RT: 2.12 min Scan# 12

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

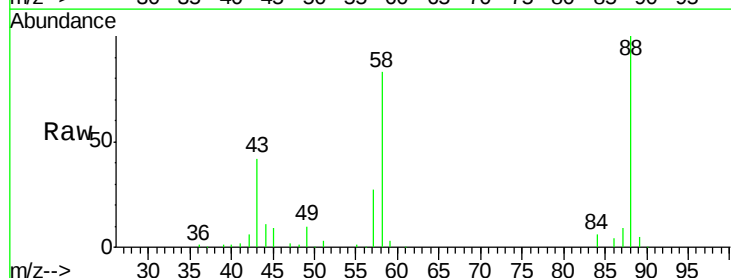
Tgt Ion: 88 Resp: 149774

Ion Ratio Lower Upper

88 100

58 88.4 65.0 97.6

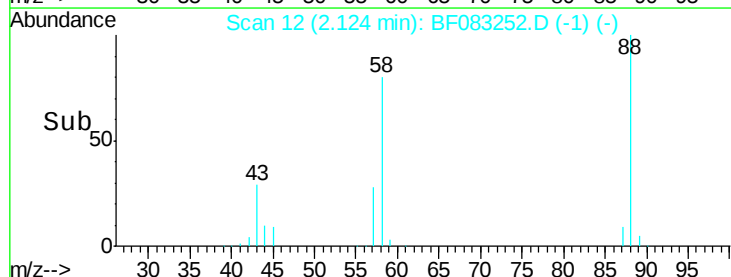
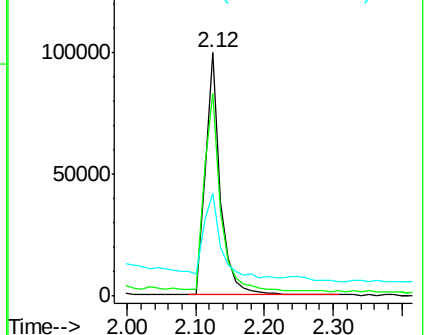
43 40.4 24.7 37.1#

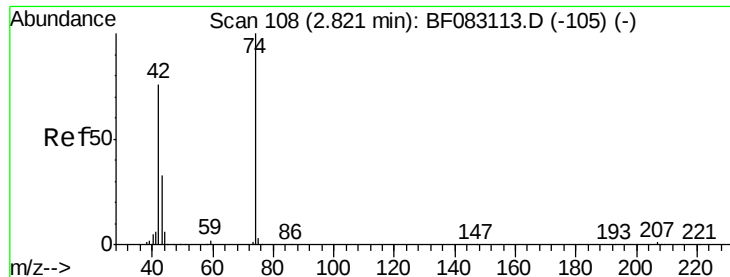


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 36.47 ng

RT: 2.71 min Scan# 63

Delta R.T. -0.11 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

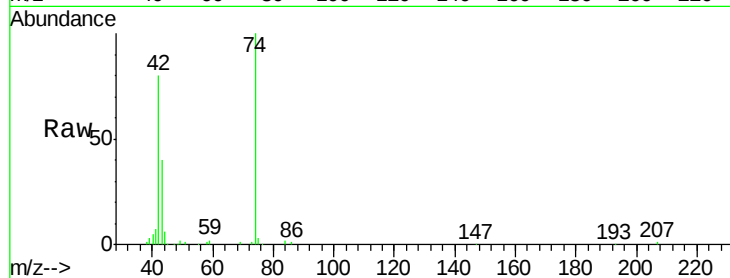
Tgt Ion: 42 Resp: 244992

Ion Ratio Lower Upper

42 100

74 124.5 104.8 157.2

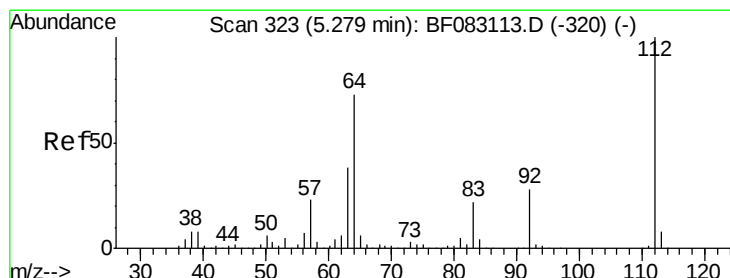
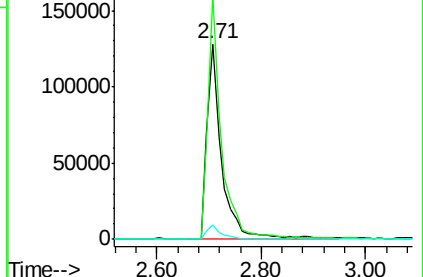
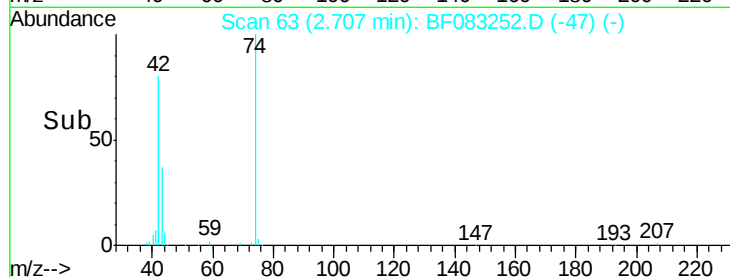
44 7.3 6.2 9.4



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: 70.35 ng

RT: 5.21 min Scan# 282

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

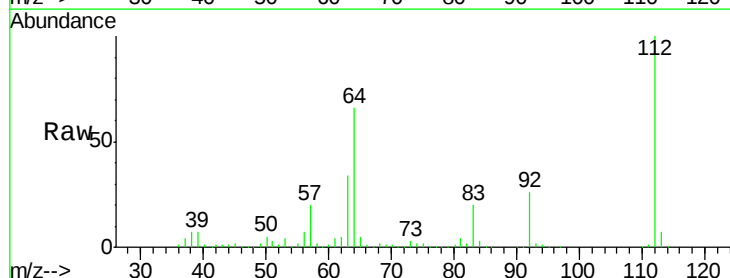
Tgt Ion: 112 Resp: 783296

Ion Ratio Lower Upper

112 100

64 65.8 58.4 87.6

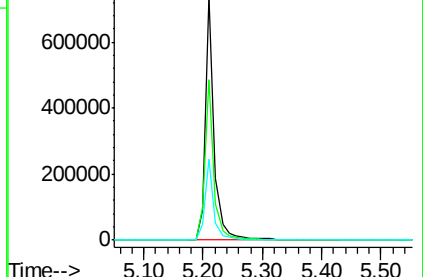
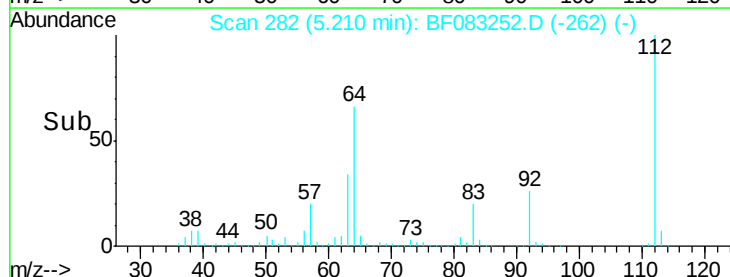
63 33.5 30.0 45.0

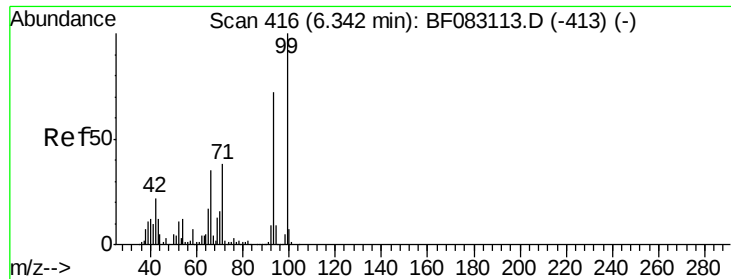


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 19.13 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

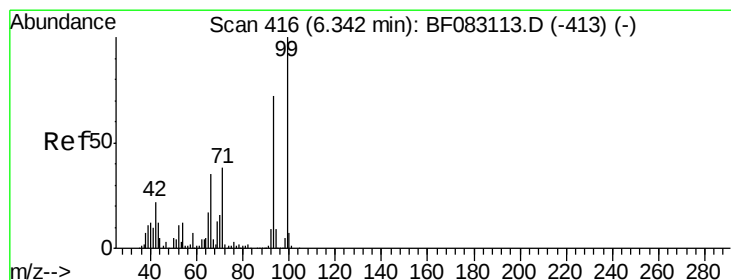
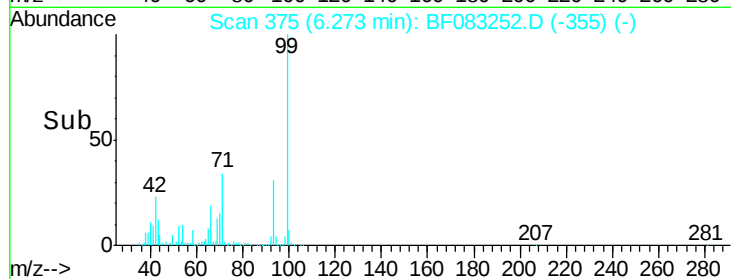
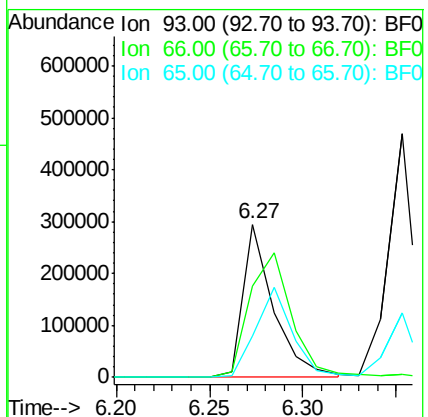
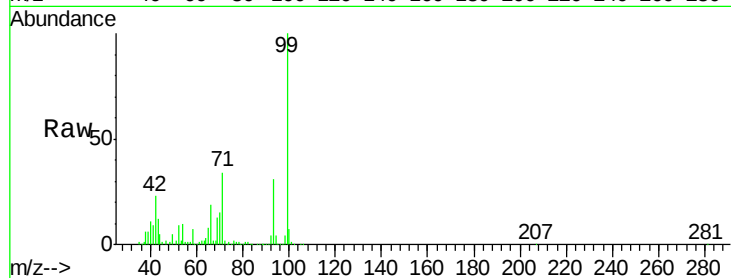
Tgt Ion: 93 Resp: 336741

Ion Ratio Lower Upper

93 100

66 59.5 38.7 58.1#

65 26.9 18.6 27.8



#7

Phenol-d6

Concen: 69.05 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

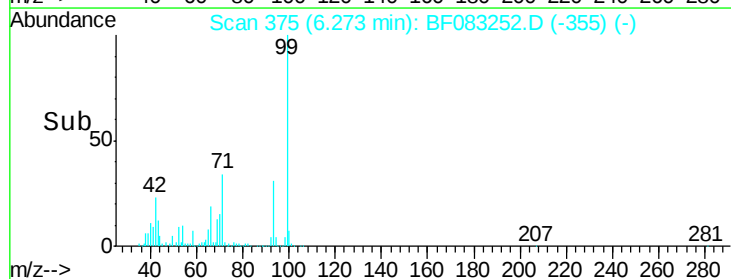
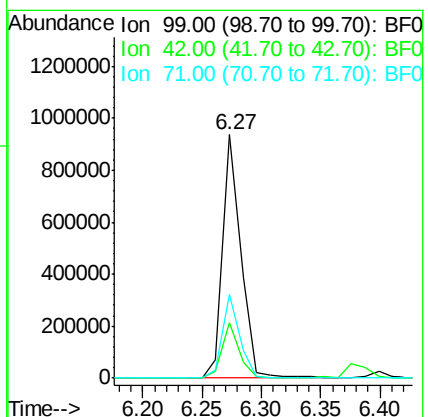
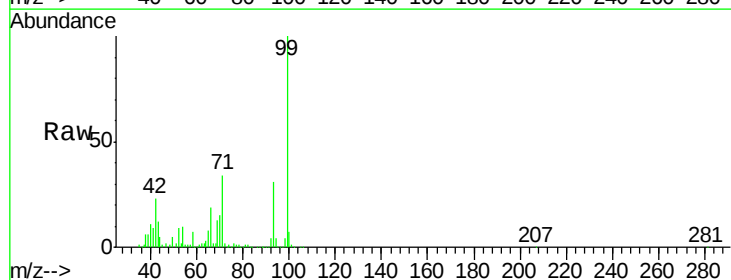
Tgt Ion: 99 Resp: 994695

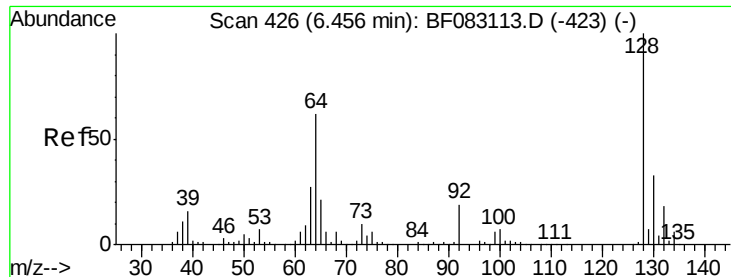
Ion Ratio Lower Upper

99 100

42 23.0 17.7 26.5

71 34.1 30.2 45.4





#8

2-Chlorophenol

Concen: 34.56 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

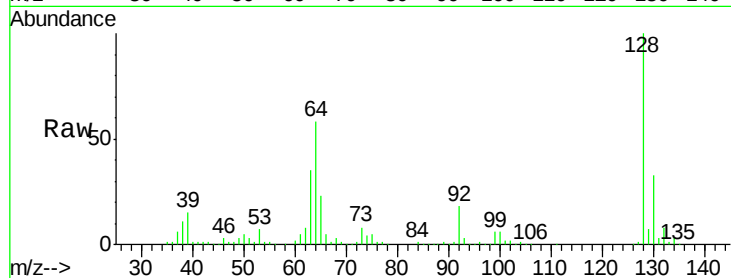
Tgt Ion:128 Resp: 415664

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

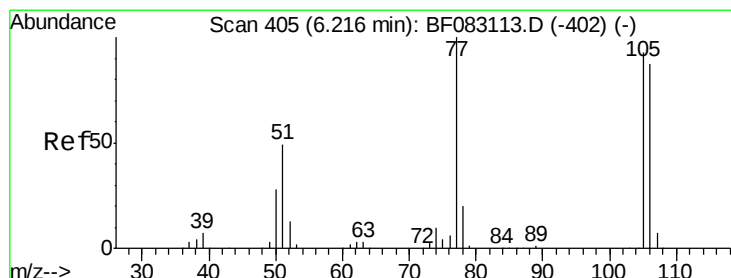
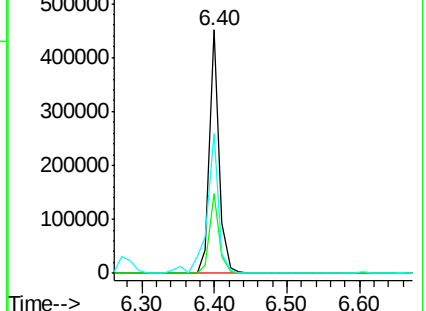
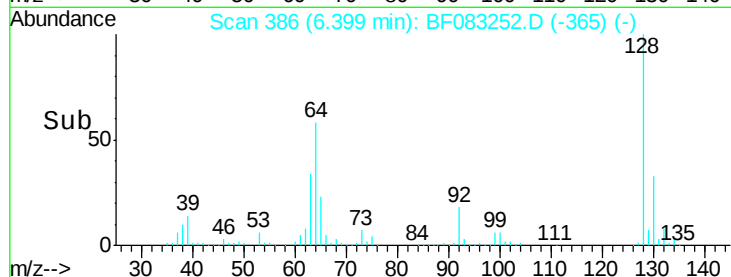
64 57.7 41.9 81.9



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 27.85 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

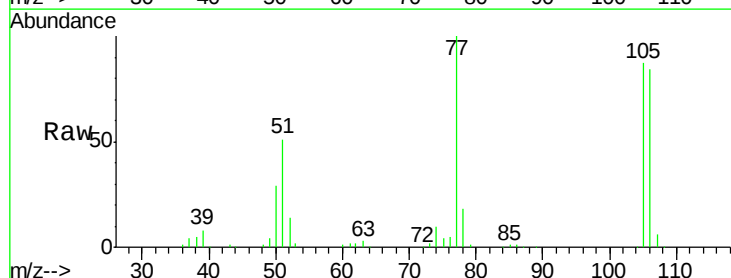
Tgt Ion: 77 Resp: 219816

Ion Ratio Lower Upper

77 100

105 87.4 73.4 113.4

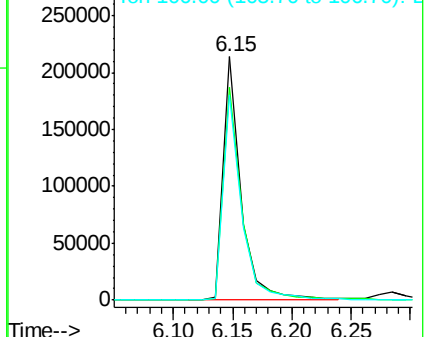
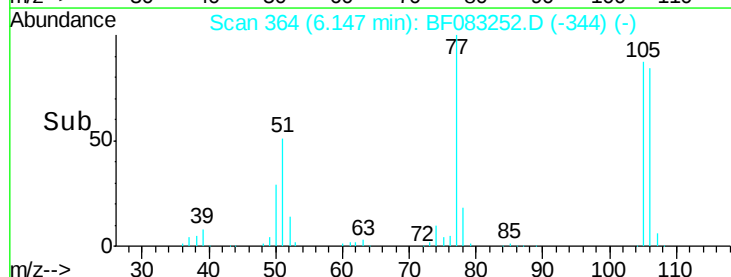
106 84.4 67.5 107.5

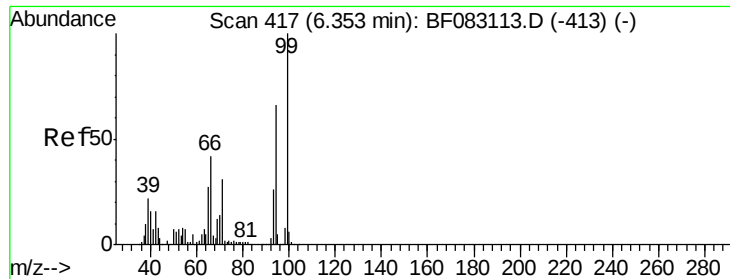


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 31.51 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

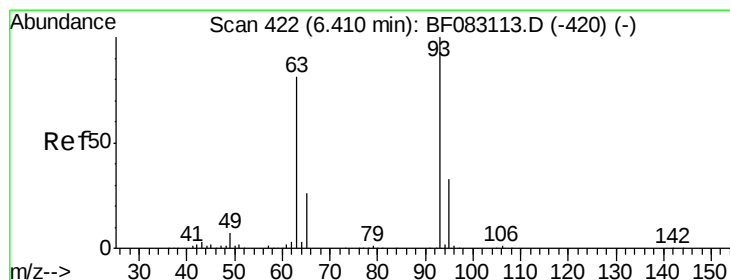
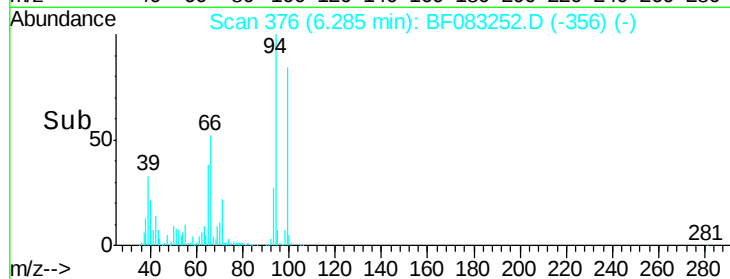
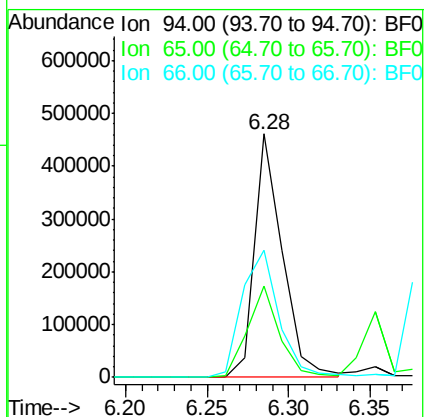
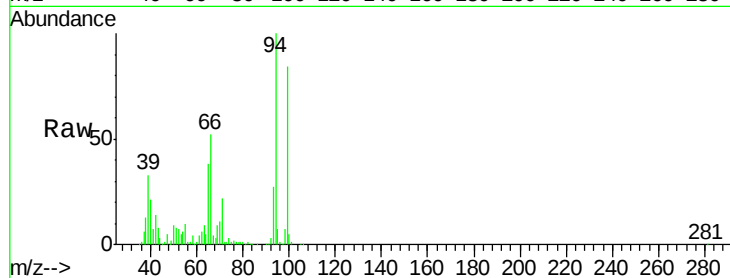
Tgt Ion: 94 Resp: 549084

Ion Ratio Lower Upper

94 100

65 37.6 21.1 61.1

66 52.0 43.1 83.1



#11

bis(2-Chloroethyl)ether

Concen: 36.29 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

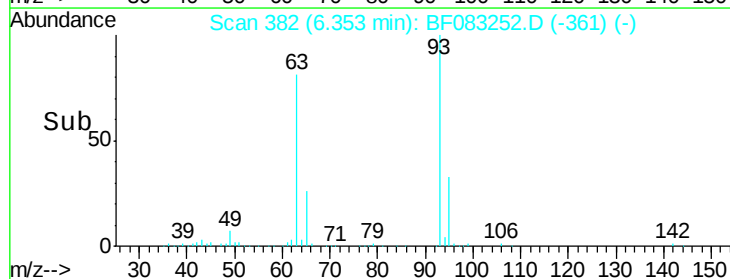
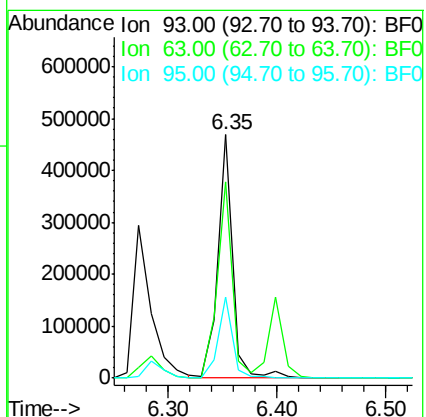
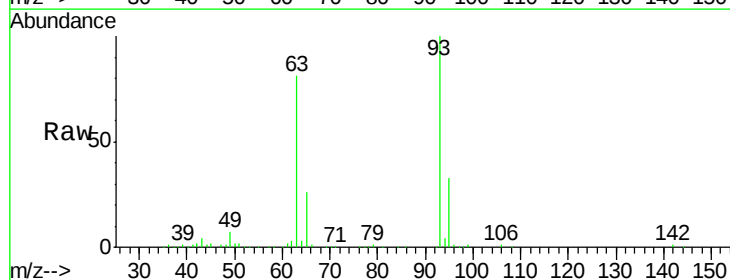
Tgt Ion: 93 Resp: 451631

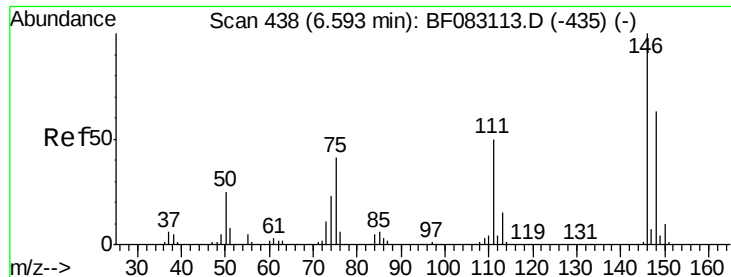
Ion Ratio Lower Upper

93 100

63 80.5 59.8 99.8

95 33.1 13.0 53.0

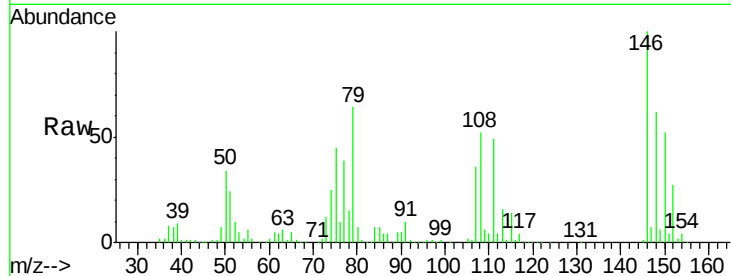




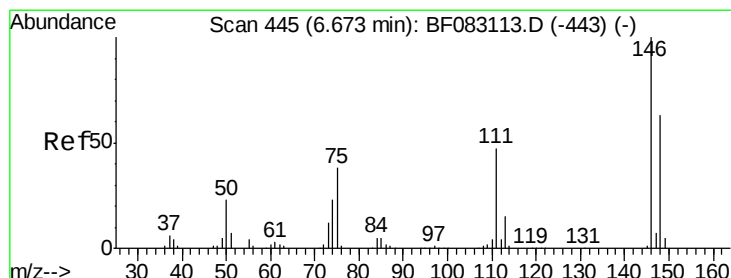
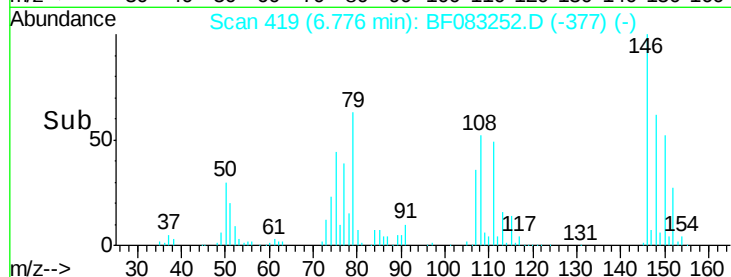
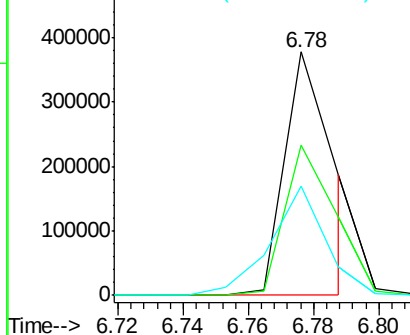
#12
 1,3-Dichlorobenzene
 Concen: 28.64 ng
 RT: 6.78 min Scan# 419
 Delta R.T. 0.18 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:146 Resp: 393382
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.2 75.2
 75 44.7 32.7 49.1

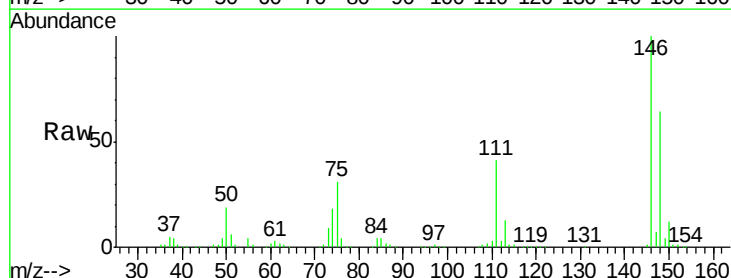


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

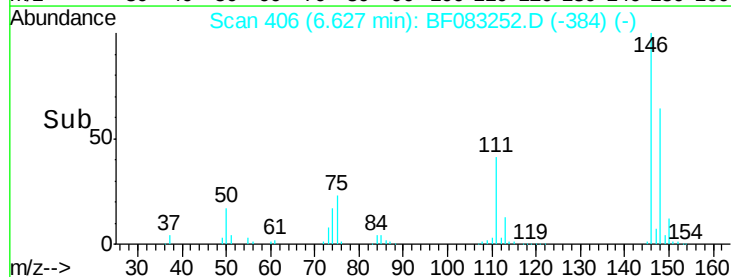
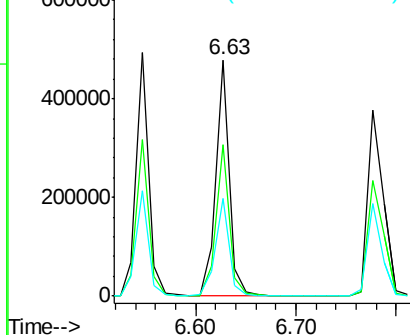


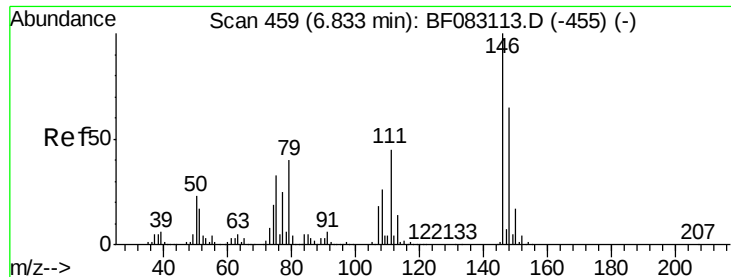
#13
 1,4-Dichlorobenzene
 Concen: 32.17 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.05 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion:146 Resp: 446948
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.2 75.2
 111 41.4 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

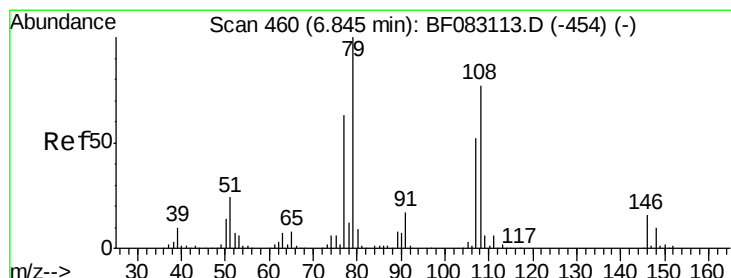
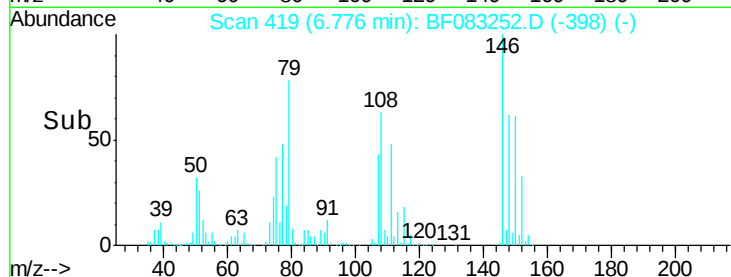
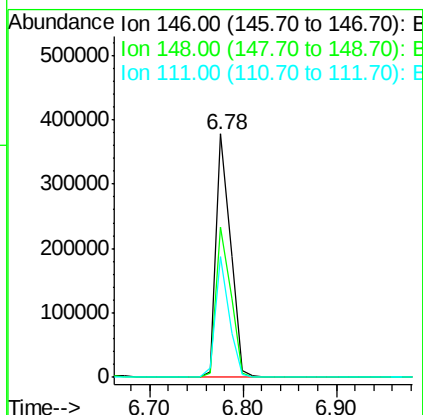
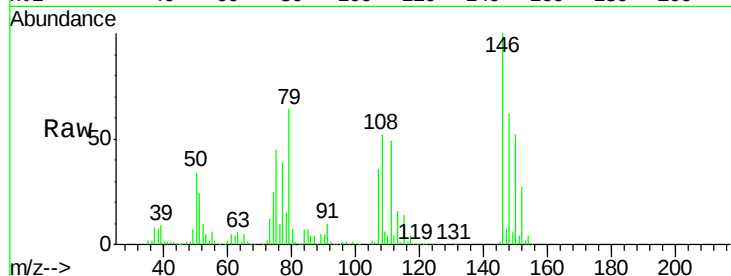




#14
1,2-Dichlorobenzene
Concen: 32.06 ng
RT: 6.78 min Scan# 419
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

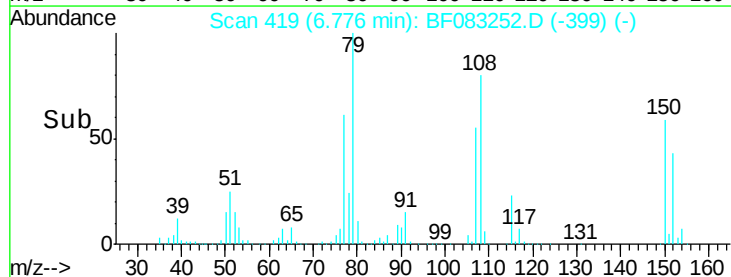
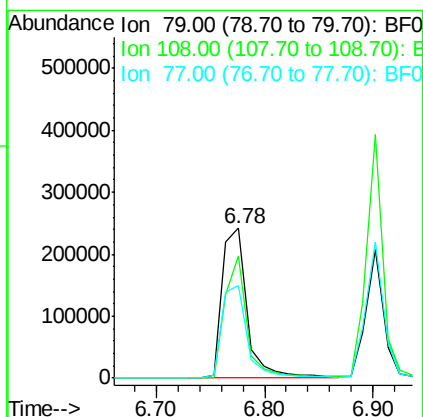
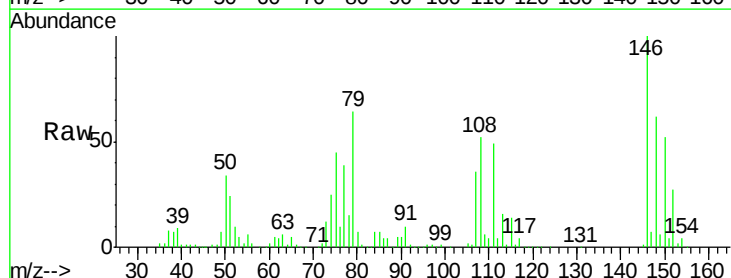
Instrument :
BNA_F
ClientSampleId :
PB86782BS

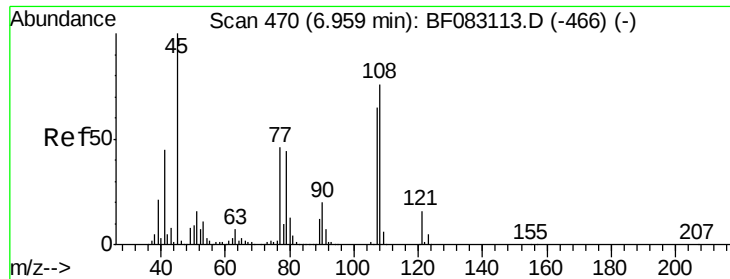
Tgt Ion: 146 Resp: 404800
Ion Ratio Lower Upper
146 100
148 61.7 51.8 77.6
111 49.4 36.2 54.4



#15
Benzyl Alcohol
Concen: 32.29 ng
RT: 6.78 min Scan# 419
Delta R.T. -0.07 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion: 79 Resp: 388750
Ion Ratio Lower Upper
79 100
108 81.3 61.4 92.2
77 61.7 50.5 75.7

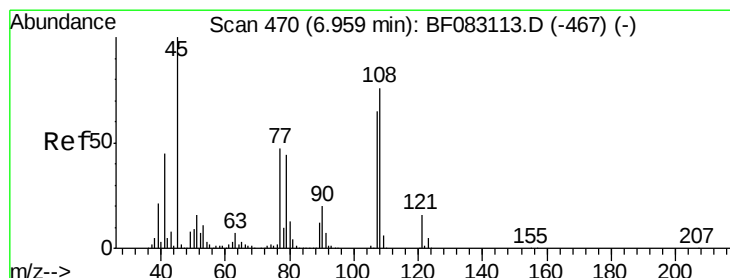
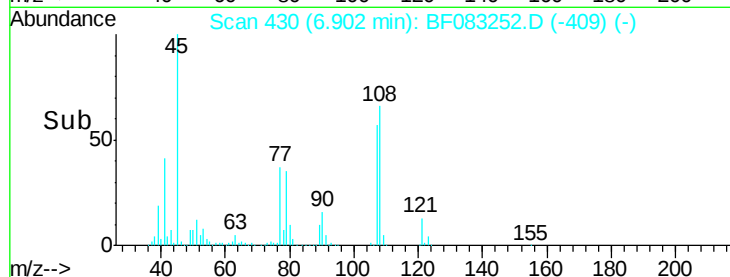
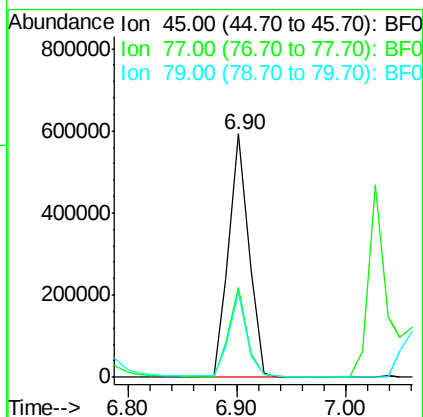
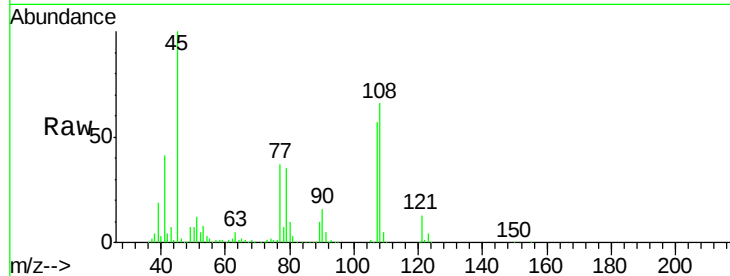




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.15 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

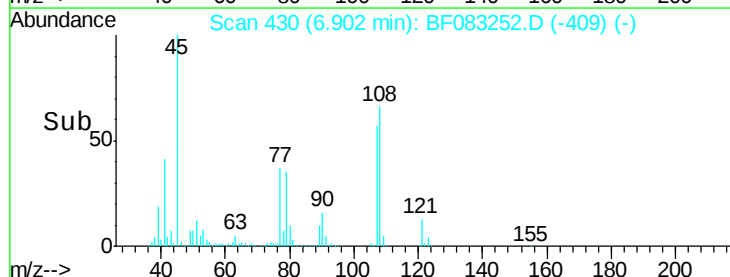
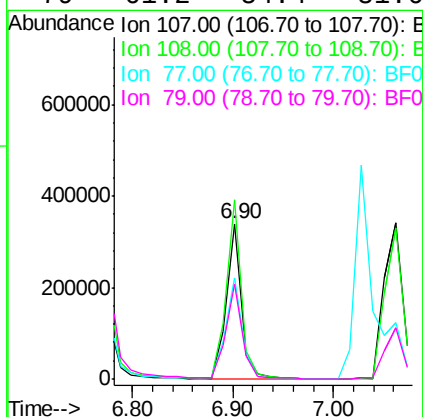
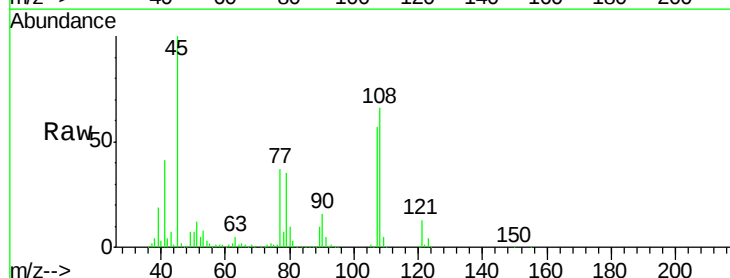
Instrument :
BNA_F
ClientSampleId :
PB86782BS

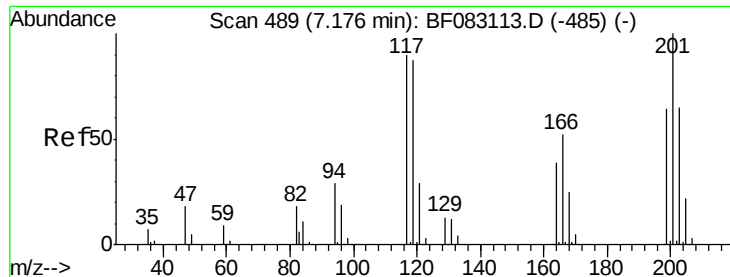
Tgt Ion: 45 Resp: 759584
Ion Ratio Lower Upper
45 100
77 37.1 26.7 66.7
79 35.1 24.3 64.3



#17
2-Methylphenol
Concen: 35.43 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion: 107 Resp: 352688
Ion Ratio Lower Upper
107 100
108 115.8 93.8 140.6
77 64.8 57.4 86.0
79 61.2 54.4 81.6

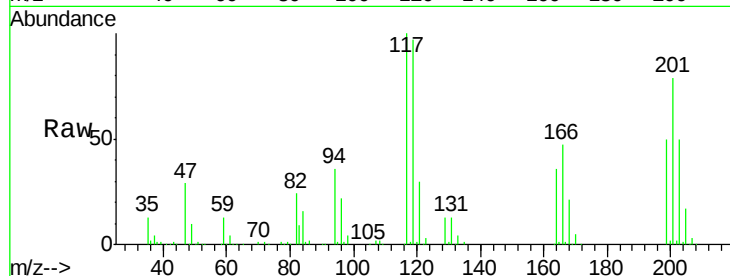




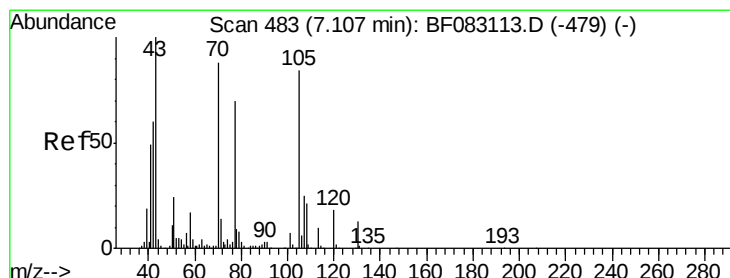
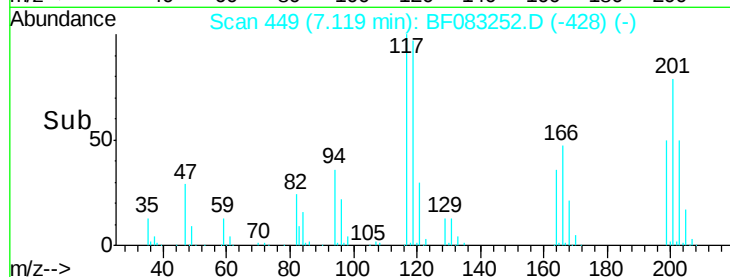
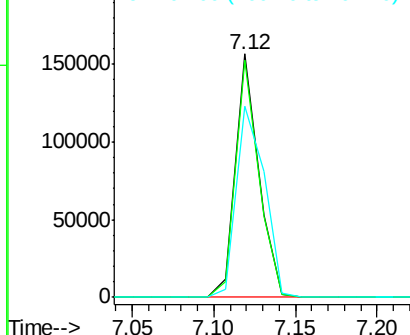
#18
Hexachloroethane
Concen: 31.39 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion: 117 Resp: 153623
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
201 78.6 88.6 133.0#



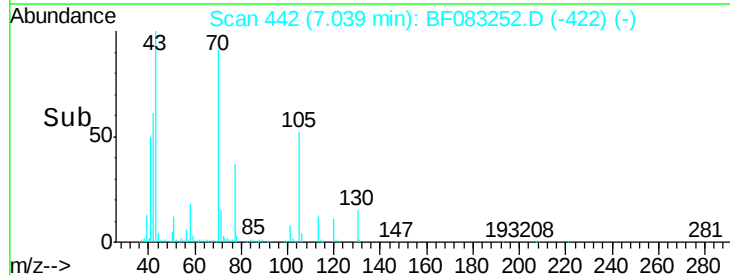
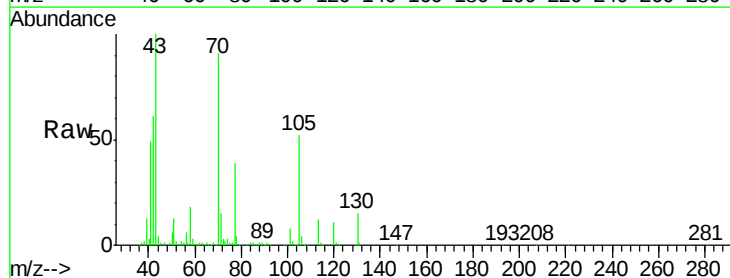
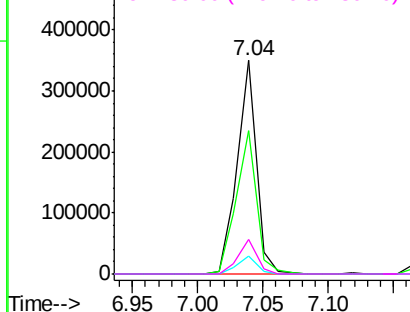
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

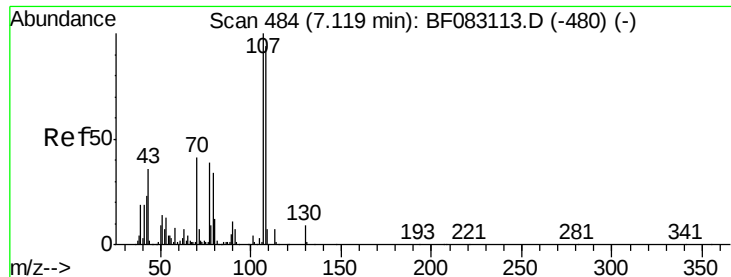


#19
n-Nitroso-di-n-propylamine
Concen: 35.63 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion: 70 Resp: 357233
Ion Ratio Lower Upper
70 100
42 67.4 54.5 81.7
101 8.3 6.6 9.8
130 16.1 11.5 17.3

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 36.87 ng

RT: 7.06 min Scan# 444

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tgt Ion:107 Resp: 463920

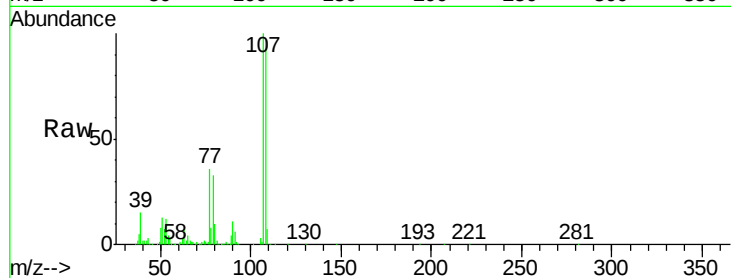
Ion Ratio Lower Upper

107 100

108 96.5 73.8 113.8

77 35.7 19.1 59.1

79 32.9 13.7 53.7

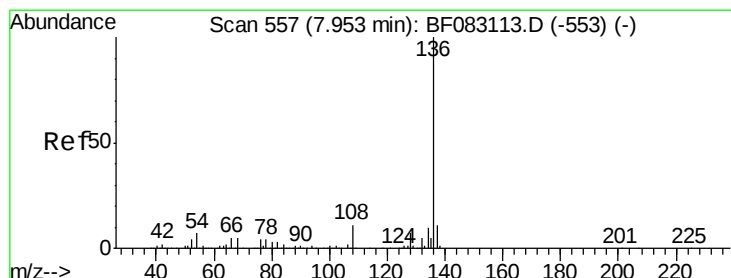
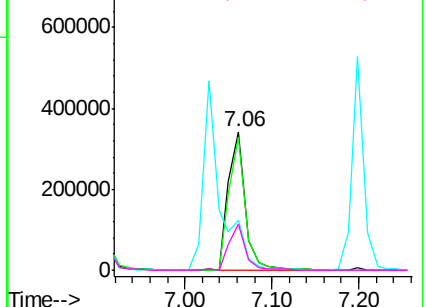
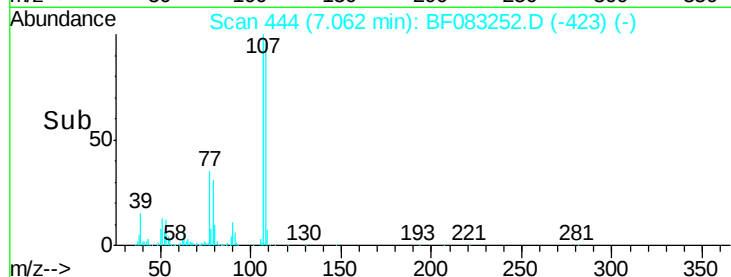


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Tgt Ion:136 Resp: 643845

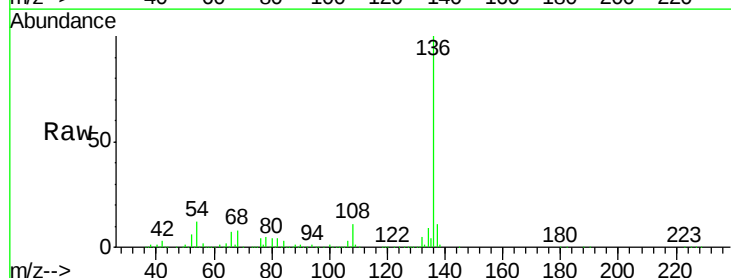
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.1 5.8 8.6#

68 8.3 3.8 5.8#

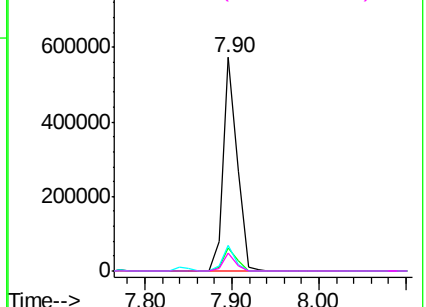
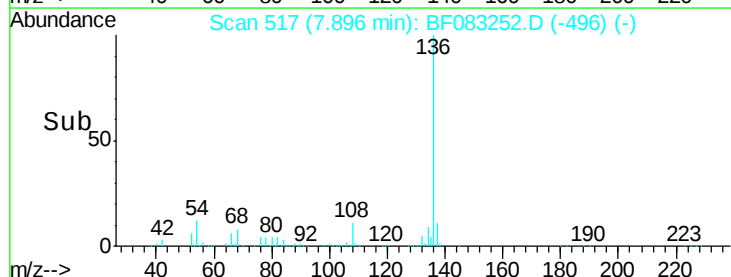


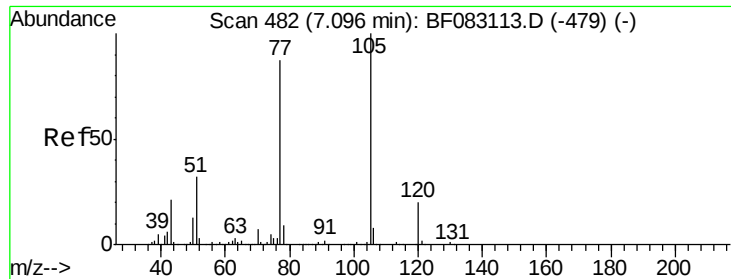
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 31.02 ng

RT: 7.03 min Scan# 441

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tgt Ion: 105 Resp: 573303

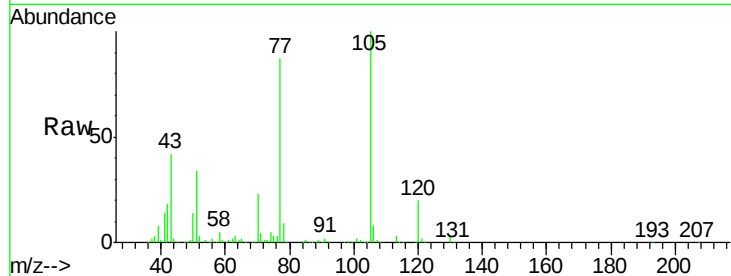
Ion Ratio Lower Upper

105 100

71 3.9 1.0 1.4#

51 34.2 25.6 38.4

120 20.0 15.8 23.6

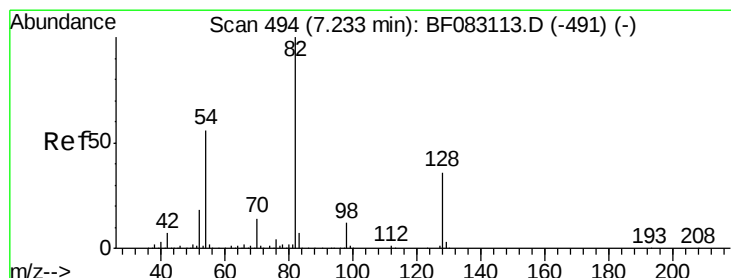
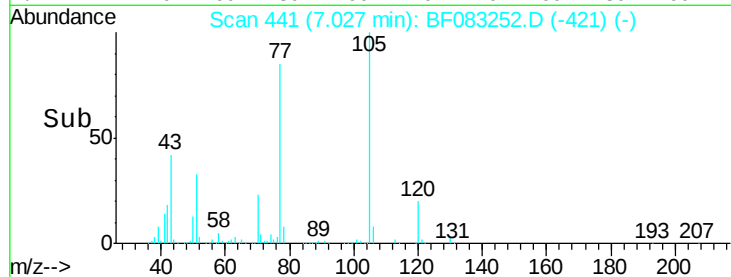
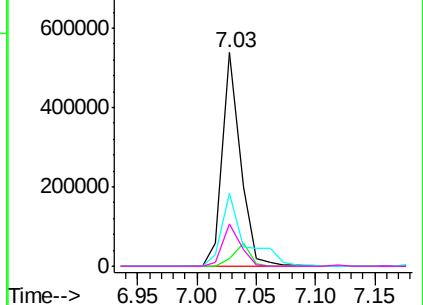


Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.24 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

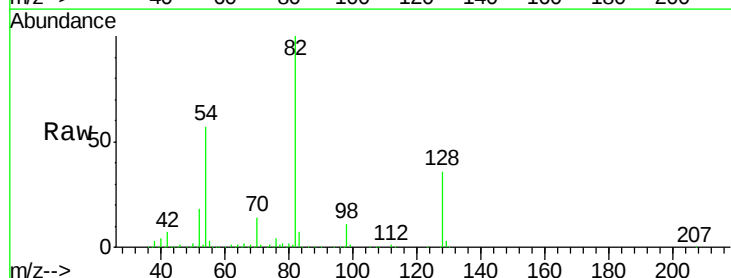
Tgt Ion: 82 Resp: 961555

Ion Ratio Lower Upper

82 100

128 35.9 28.5 42.7

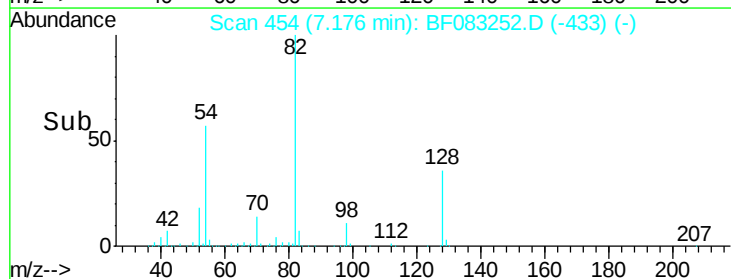
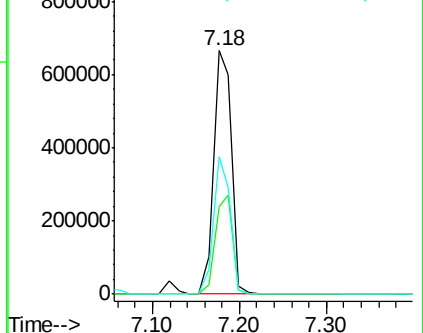
54 56.7 44.6 67.0

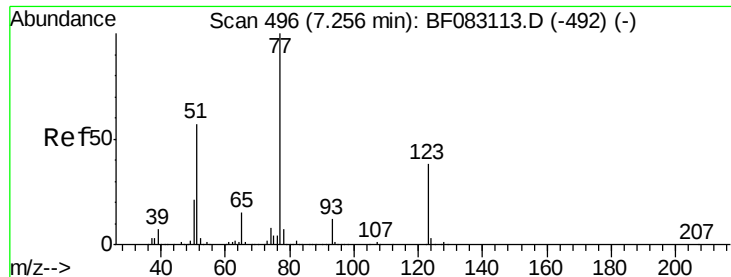


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

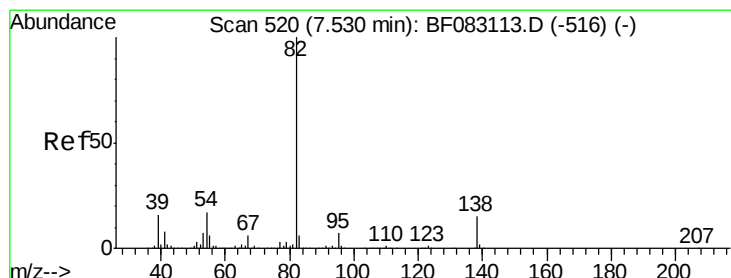
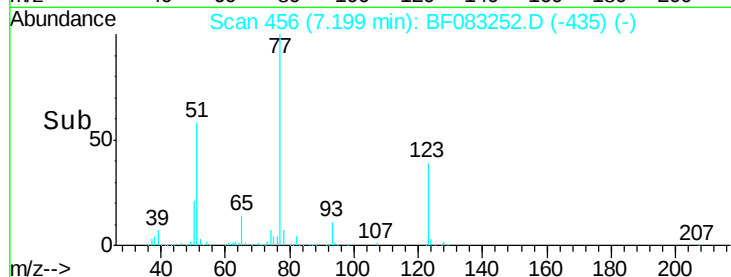
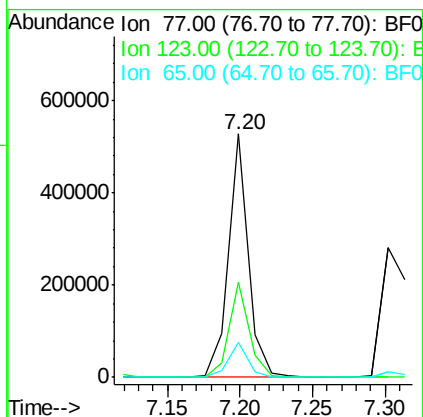
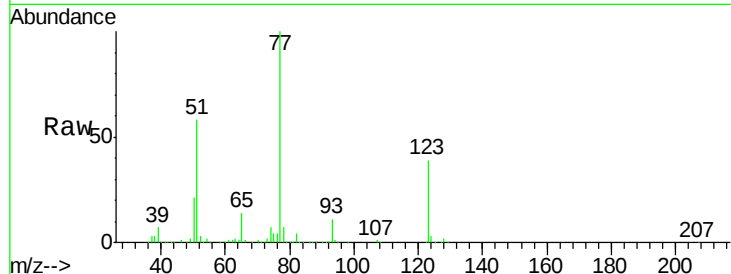




#24
 Nitrobenzene
 Concen: 33.31 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

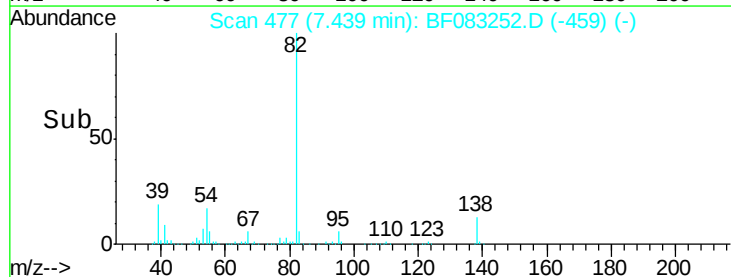
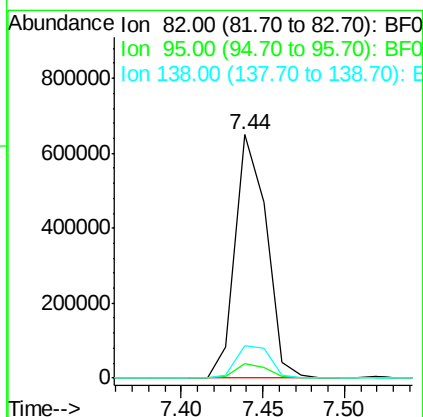
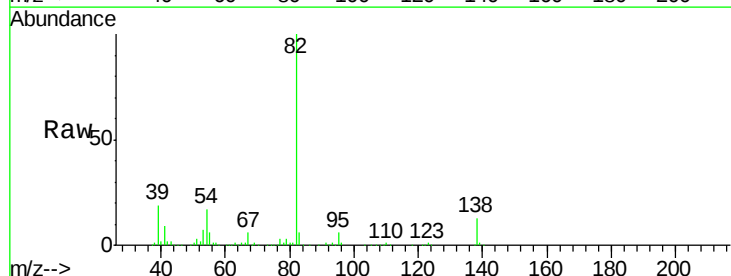
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

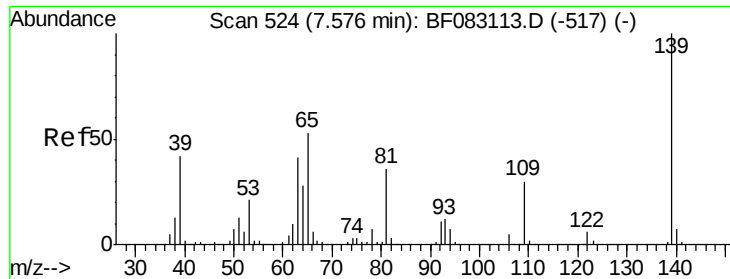
Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	30.1	45.1
65	14.2	11.6	17.4



#25
 Isophorone
 Concen: 32.30 ng
 RT: 7.44 min Scan# 477
 Delta R.T. -0.09 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.8	8.8
138	13.2	11.6	17.4

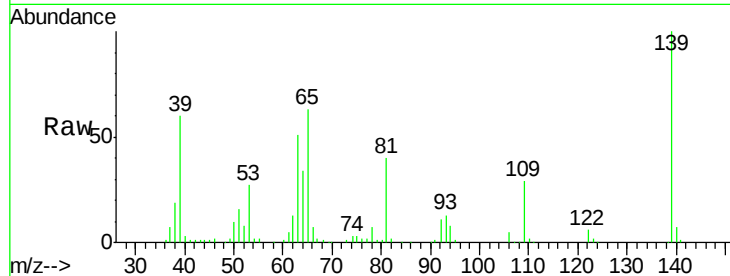




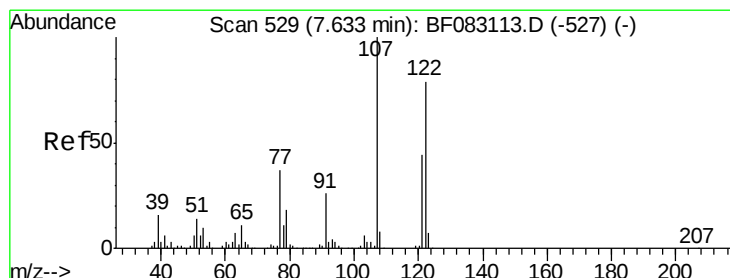
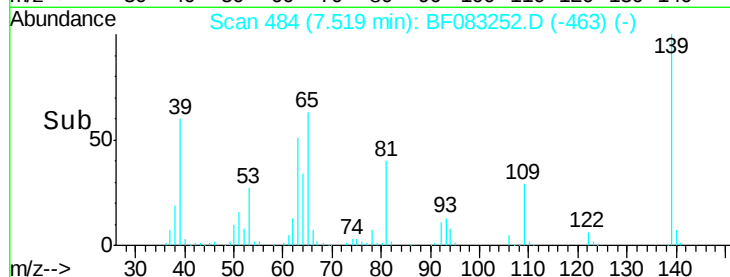
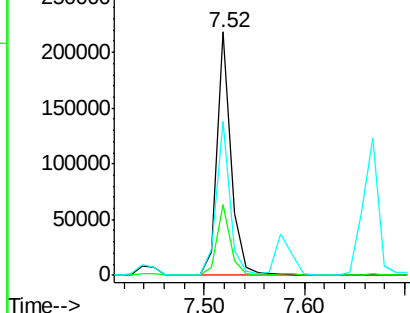
#26
2-Nitrophenol
Concen: 31.84 ng
RT: 7.52 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion:139 Resp: 211638
Ion Ratio Lower Upper
139 100
109 28.9 23.9 35.9
65 63.3 42.7 64.1

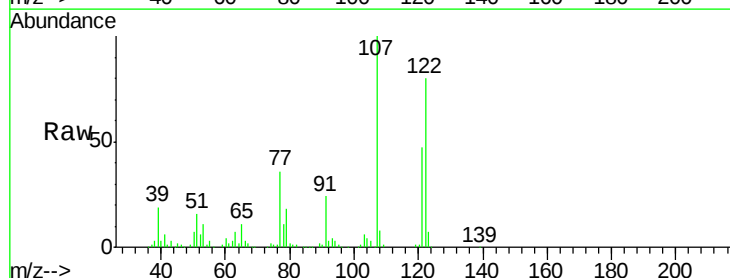


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

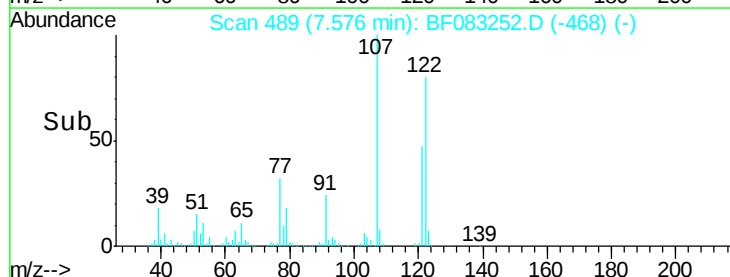
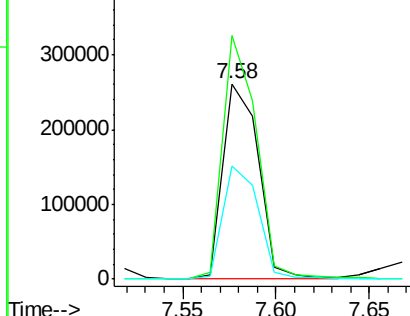


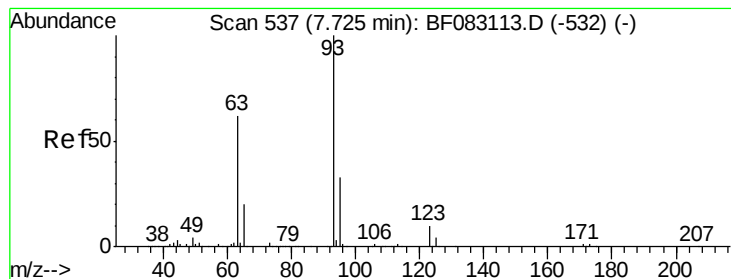
#27
2,4-Dimethylphenol
Concen: 33.03 ng
RT: 7.58 min Scan# 489
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion:122 Resp: 350408
Ion Ratio Lower Upper
122 100
107 124.5 101.1 151.7
121 58.0 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: 35.73 ng

RT: 7.67 min Scan# 497

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

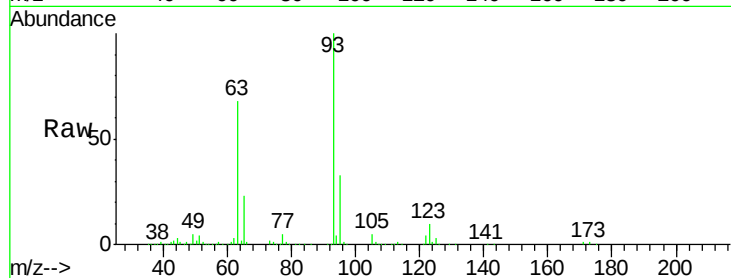
Tgt Ion: 93 Resp: 554263

Ion Ratio Lower Upper

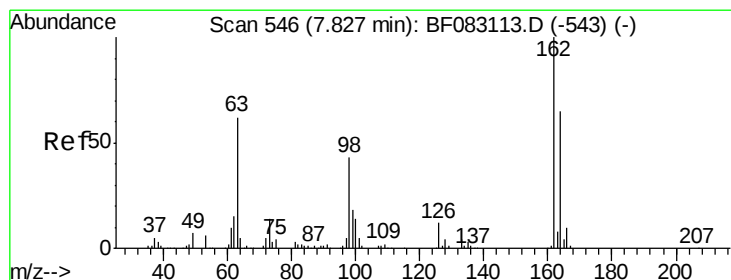
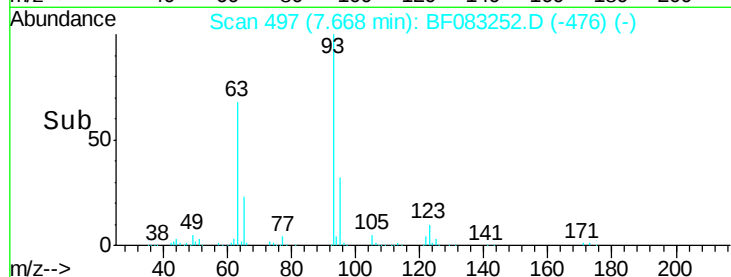
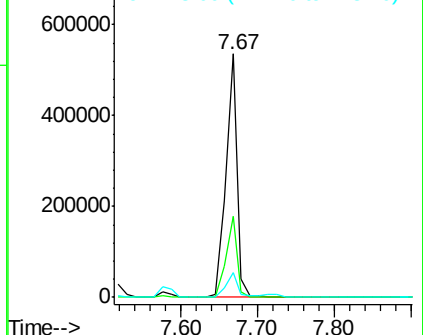
93 100

95 33.2 26.5 39.7

123 10.4 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 34.40 ng

RT: 7.77 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

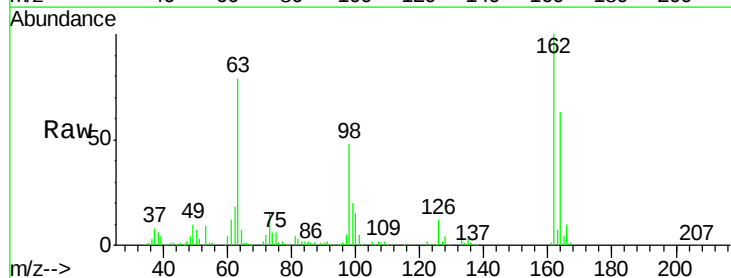
Tgt Ion: 162 Resp: 347098

Ion Ratio Lower Upper

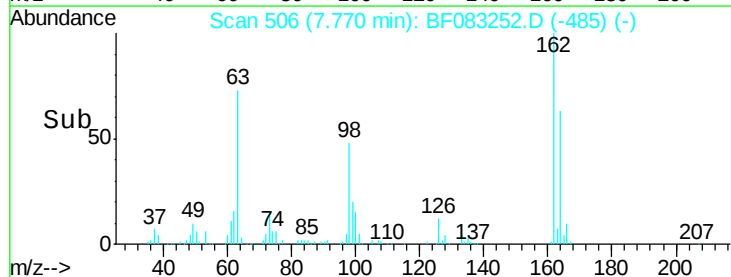
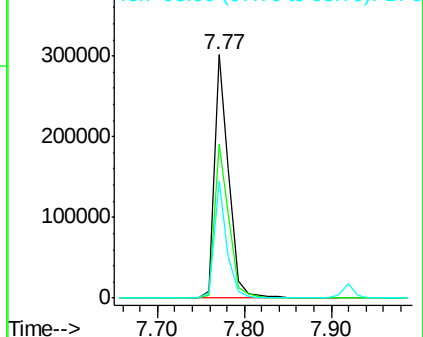
162 100

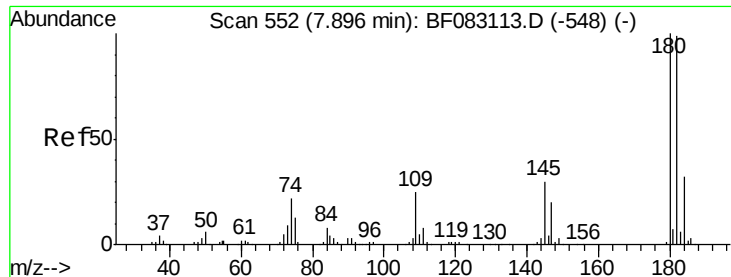
164 63.5 44.8 84.8

98 48.1 23.1 63.1



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

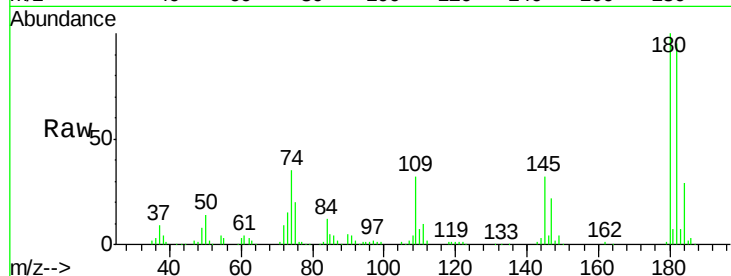




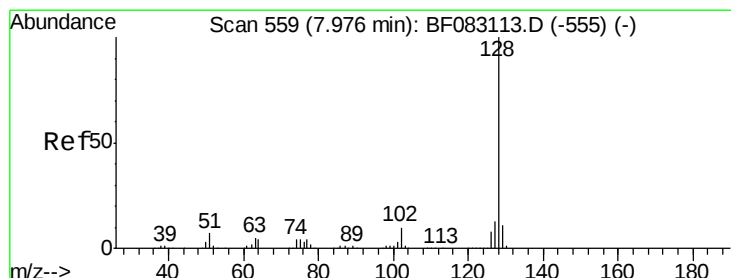
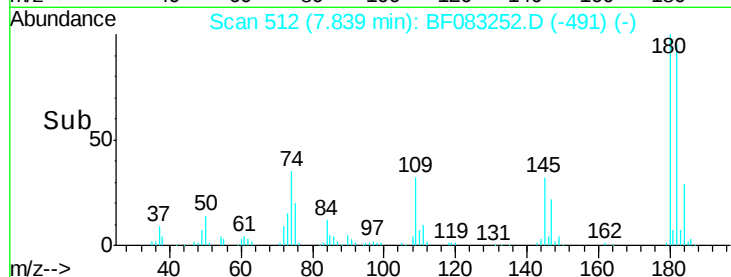
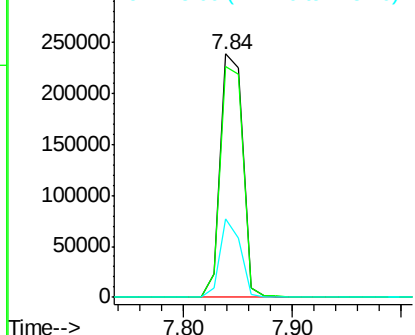
#30
 1,2,4-Trichlorobenzene
 Concen: 30.97 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:180 Resp: 343251
 Ion Ratio Lower Upper
 180 100
 182 95.0 79.0 118.6
 145 32.5 24.2 36.2

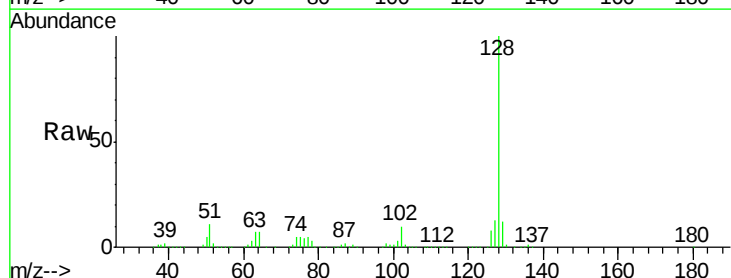


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

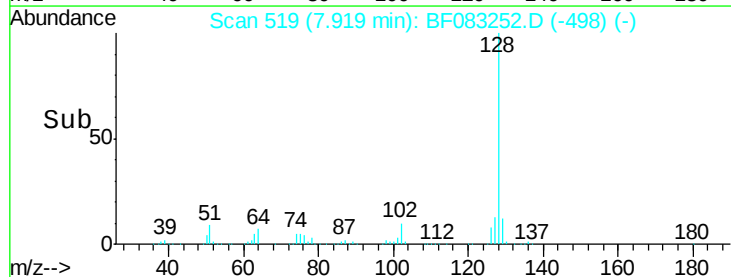
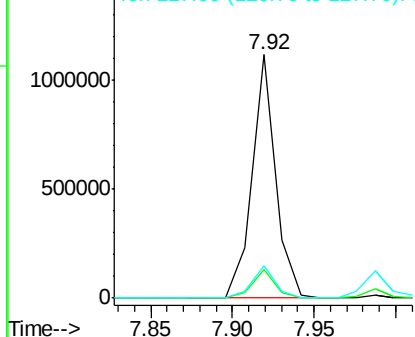


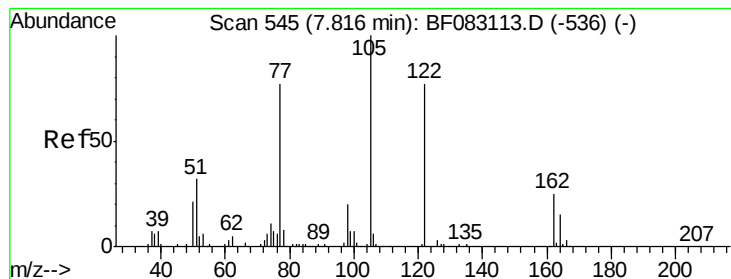
#31
 Naphthalene
 Concen: 32.24 ng
 RT: 7.92 min Scan# 519
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion:128 Resp: 1120155
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.0 13.4
 127 13.3 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: 30.09 ng

RT: 7.72 min Scan# 502

Delta R.T. -0.09 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

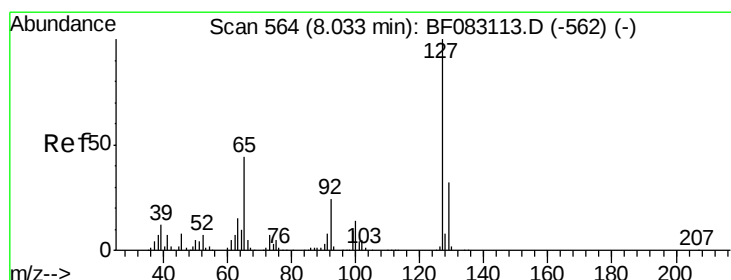
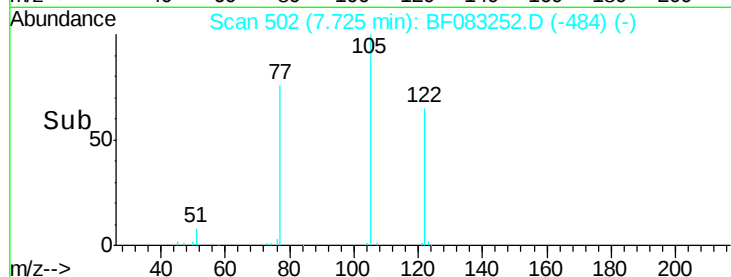
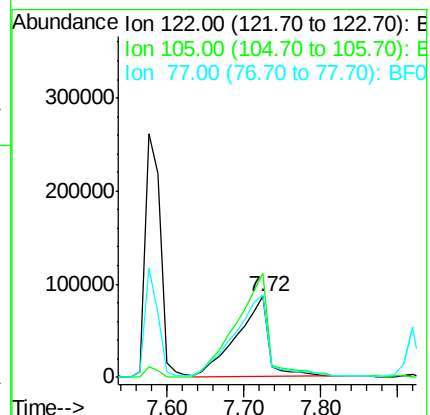
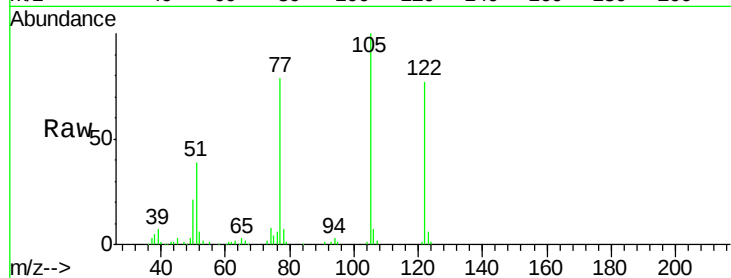
Tgt Ion:122 Resp: 248123

Ion Ratio Lower Upper

122 100

105 129.6 109.7 149.7

77 101.9 79.7 119.7



#33

4-Chloroaniline

Concen: 10.75 ng

RT: 7.99 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Tgt Ion:127 Resp: 144984

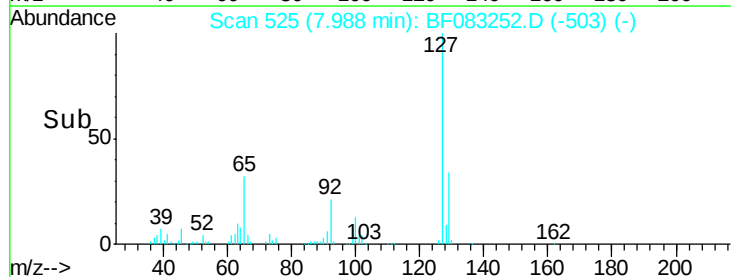
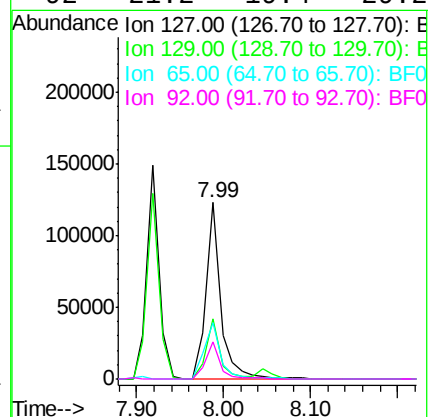
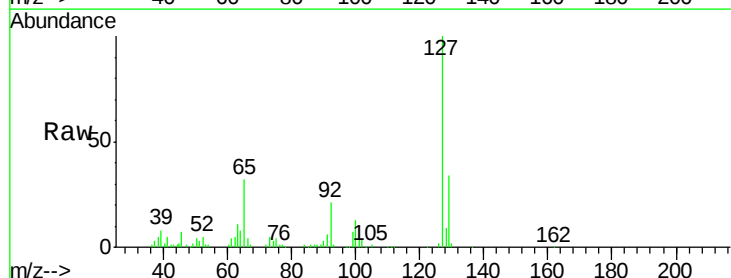
Ion Ratio Lower Upper

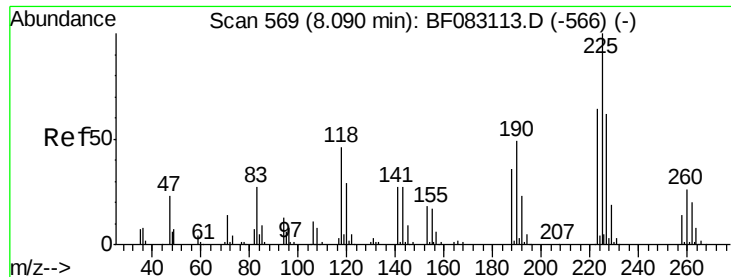
127 100

129 34.0 25.7 38.5

65 32.1 35.5 53.3#

92 21.2 19.4 29.2

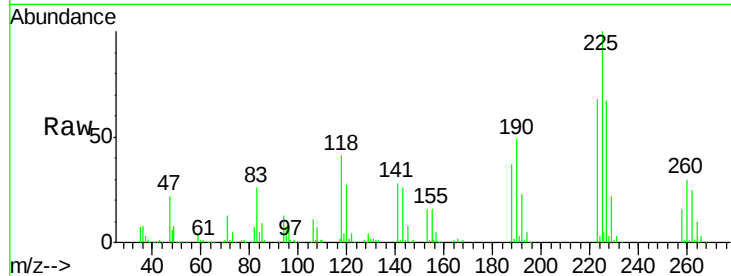




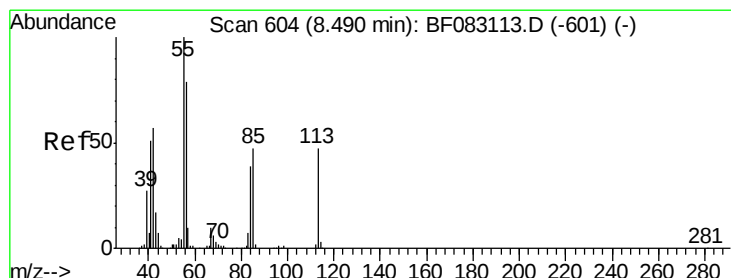
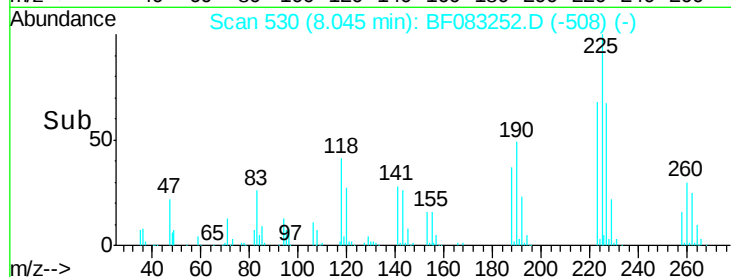
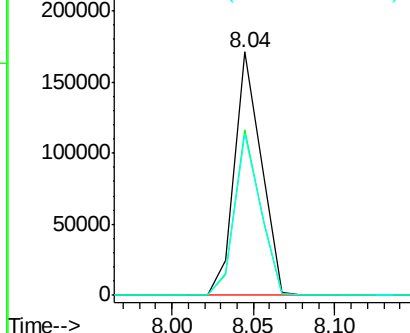
#34
Hexachlorobutadiene
Concen: 29.41 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion: 225 Resp: 192620
Ion Ratio Lower Upper
225 100
223 67.8 51.3 76.9
227 66.6 49.8 74.8

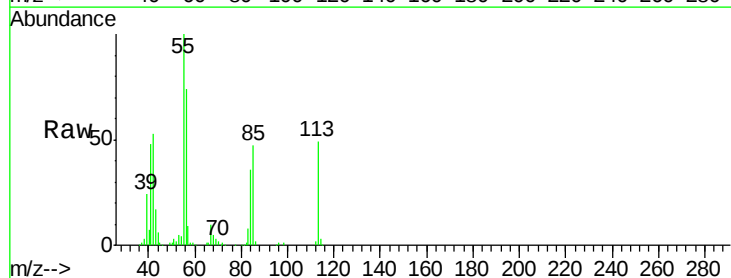


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

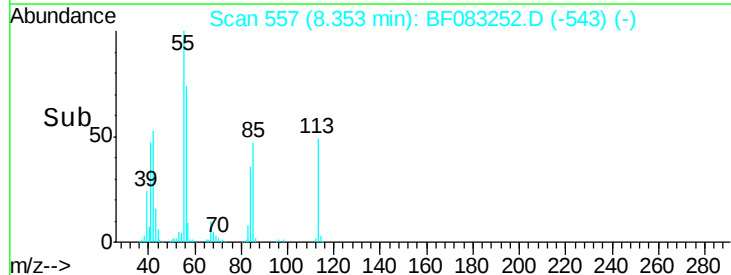
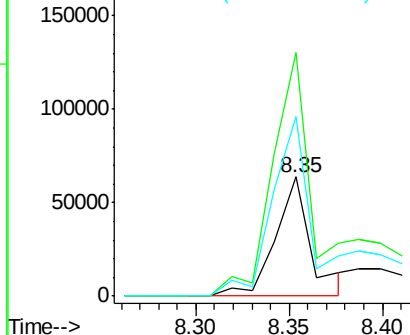


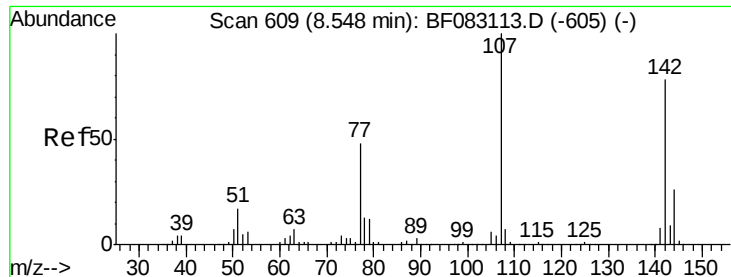
#35
Caprolactam
Concen: 25.91 ng
RT: 8.35 min Scan# 557
Delta R.T. -0.14 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion: 113 Resp: 83772
Ion Ratio Lower Upper
113 100
55 204.6 192.6 232.6
56 150.5 148.6 188.6



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

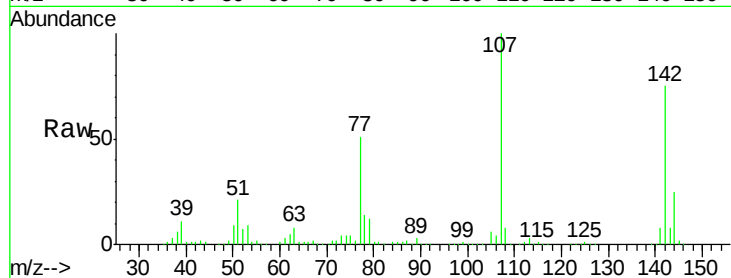




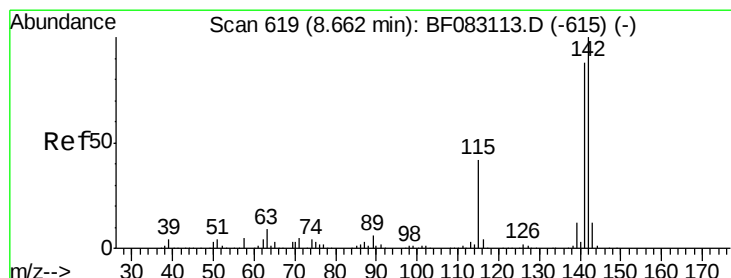
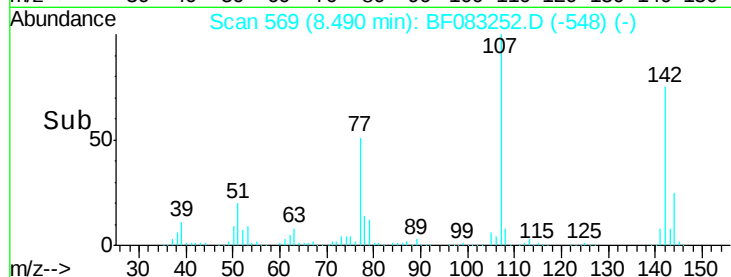
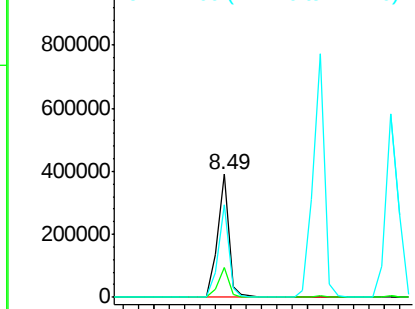
#36
 4-Chloro-3-methylphenol
 Concen: 34.23 ng
 RT: 8.49 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:107 Resp: 399967
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.8 31.2
 142 75.1 62.1 93.1

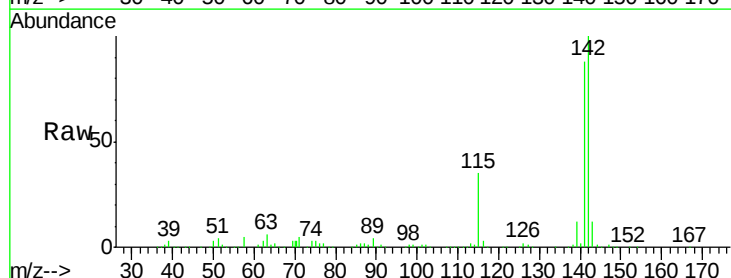


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

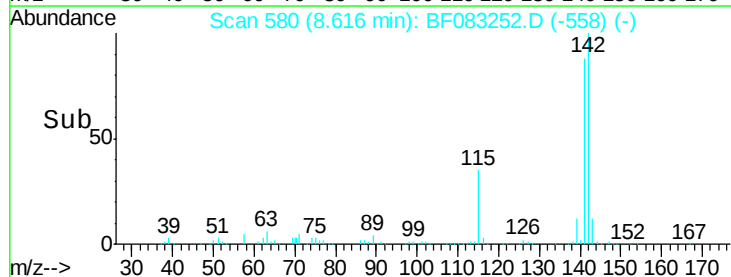
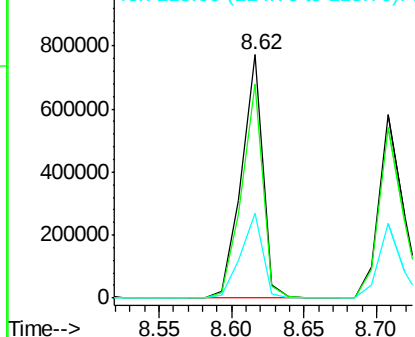


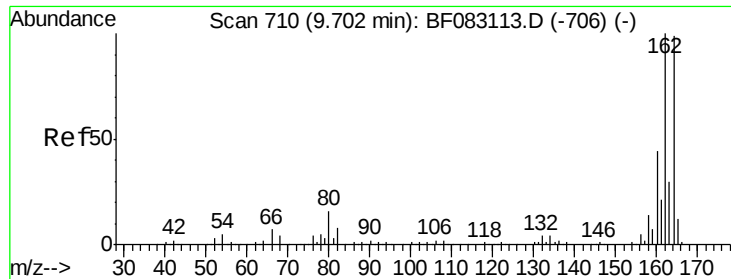
#37
 2-Methylnaphthalene
 Concen: 34.85 ng
 RT: 8.62 min Scan# 580
 Delta R.T. -0.05 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion:142 Resp: 785904
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.3 105.5
 115 34.6 33.4 50.2



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

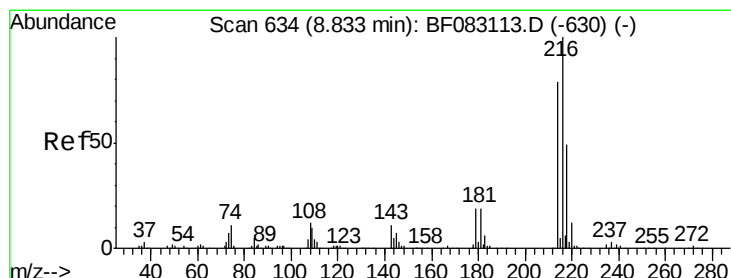
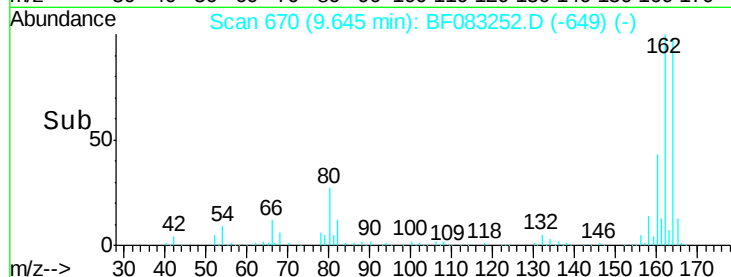
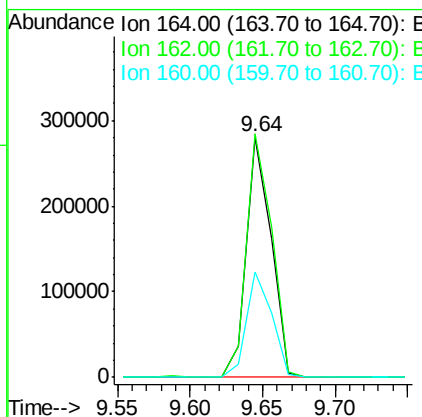
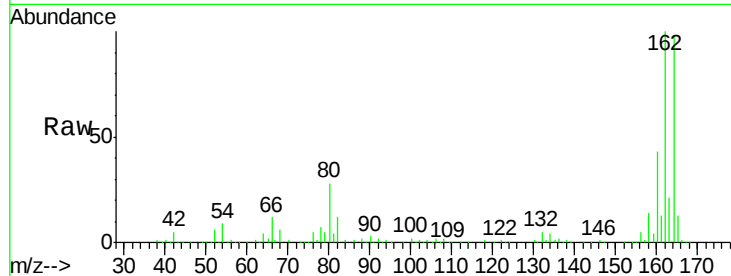




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

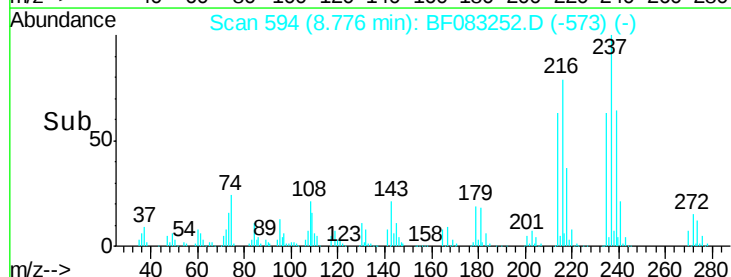
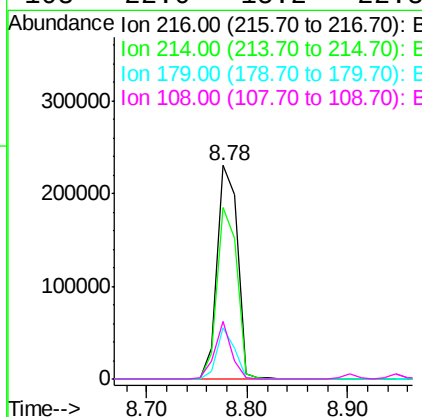
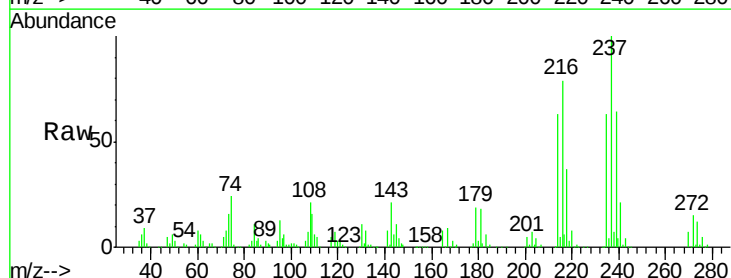
Instrument :
BNA_F
ClientSampleId :
PB86782BS

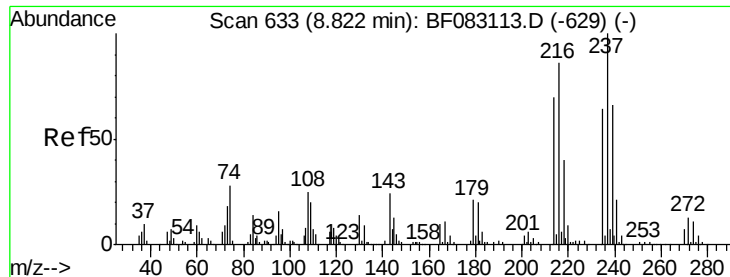
Tgt Ion:164 Resp: 333120
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 43.9 35.6 53.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.00 ng
RT: 8.78 min Scan# 594
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion:216 Resp: 323915
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.8
179 20.6 17.0 25.6
108 22.0 15.2 22.8

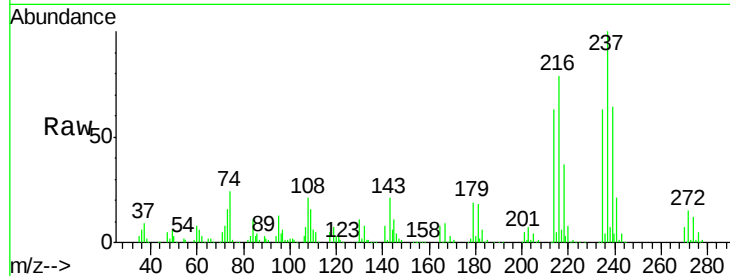




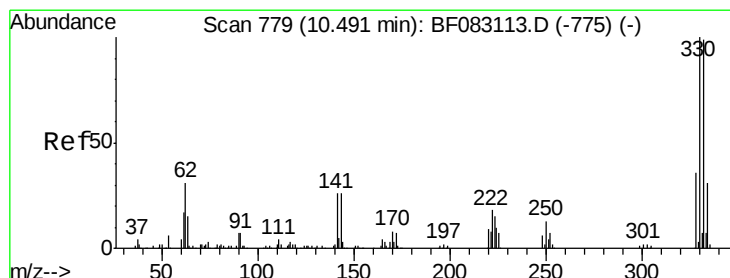
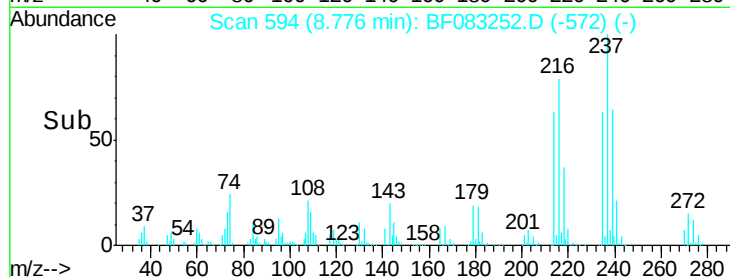
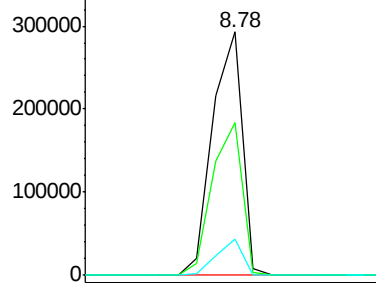
#40
Hexachlorocyclopentadiene
Concen: 60.06 ng
RT: 8.78 min Scan# 594
Delta R.T. -0.05 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion: 237 Resp: 368749
Ion Ratio Lower Upper
237 100
235 62.6 43.5 83.5
272 14.8 0.0 33.1

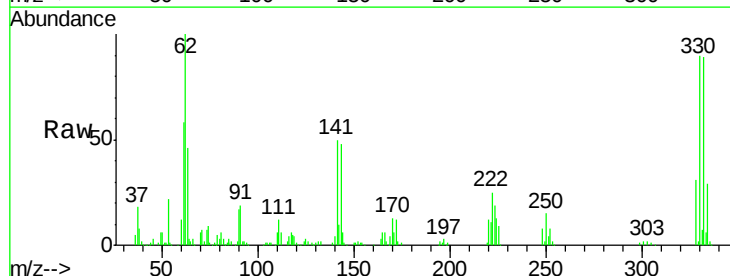


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

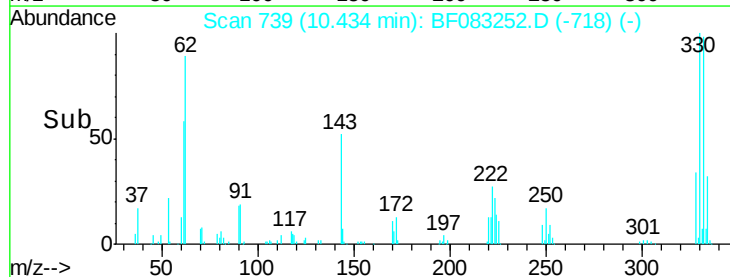
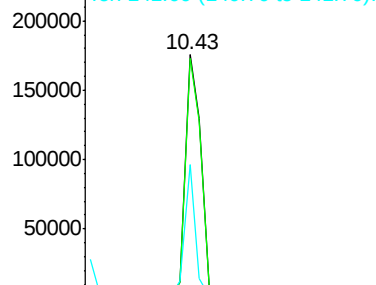


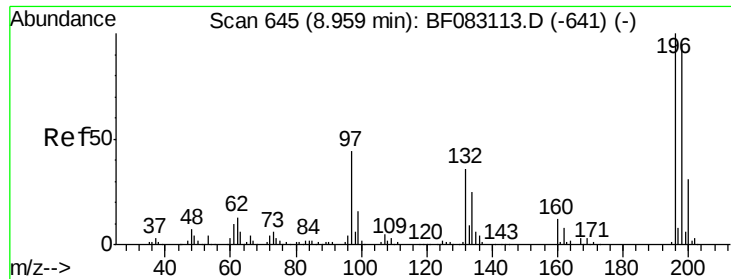
#41
2,4,6-Tribromophenol
Concen: 65.90 ng
RT: 10.43 min Scan# 739
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion: 330 Resp: 224602
Ion Ratio Lower Upper
330 100
332 99.1 77.7 116.5
141 38.6 29.7 44.5



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

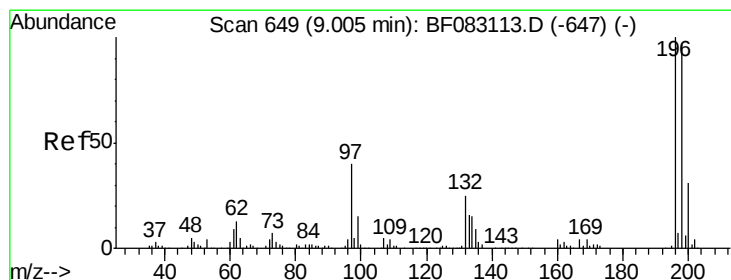
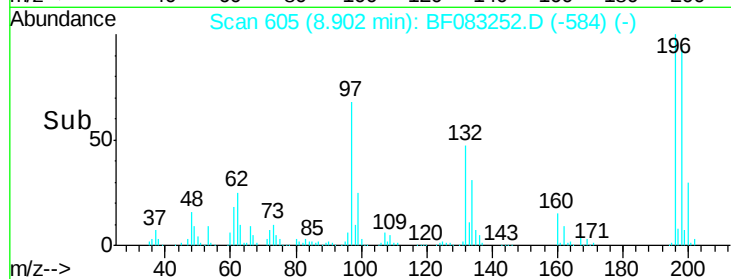
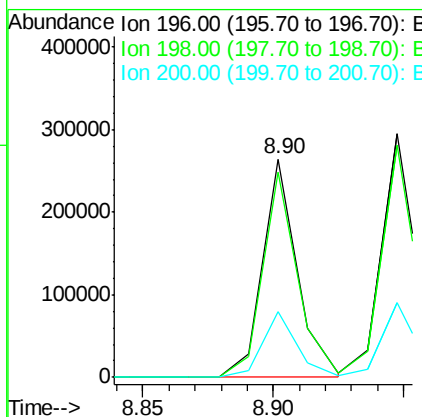
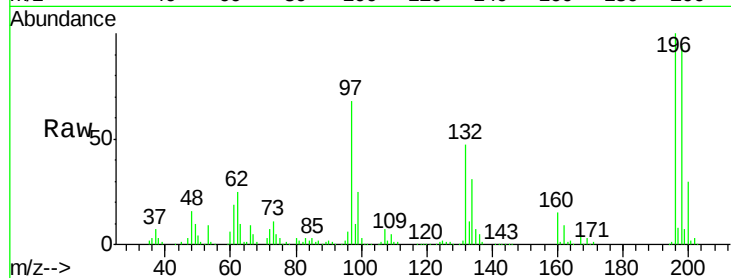




#42
 2,4,6-Trichlorophenol
 Concen: 31.73 ng
 RT: 8.90 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

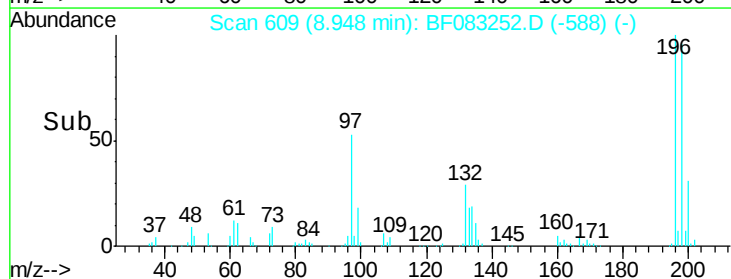
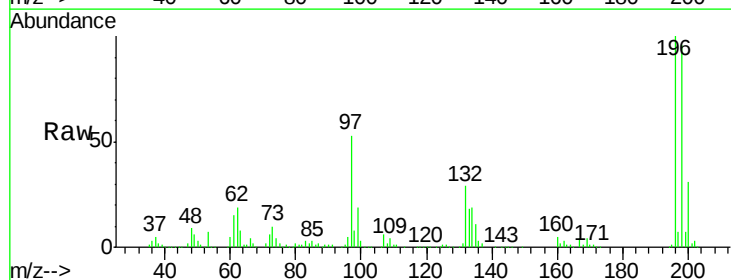
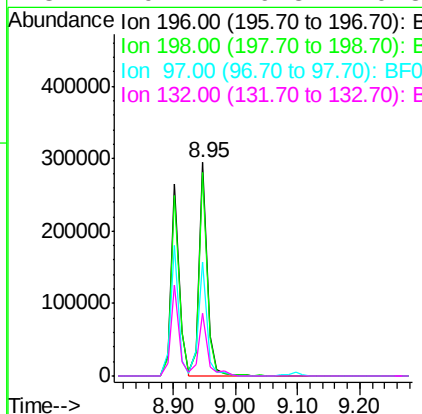
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

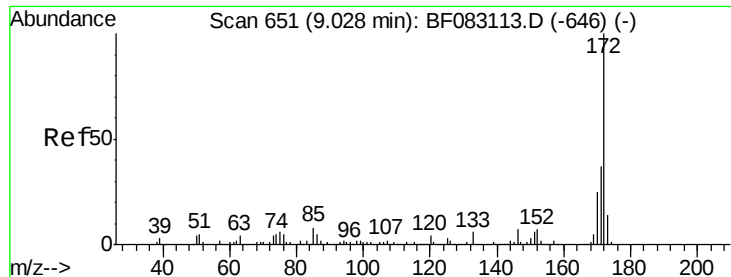
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.9	113.9
200	29.9	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 35.20 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.6	116.4
97	53.5	32.6	48.8#
132	29.1	19.8	29.8





#44

2-Fluorobiphenyl

Concen: 65.06 ng

RT: 8.98 min Scan# 612

Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

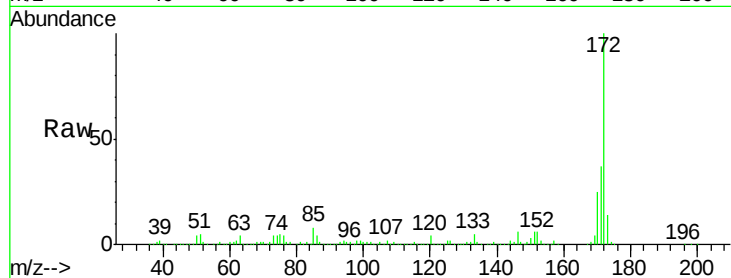
BNA_F

ClientSampleId :

PB86782BS

Tgt Ion:172 Resp: 1554167

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	25.2	19.9	29.9

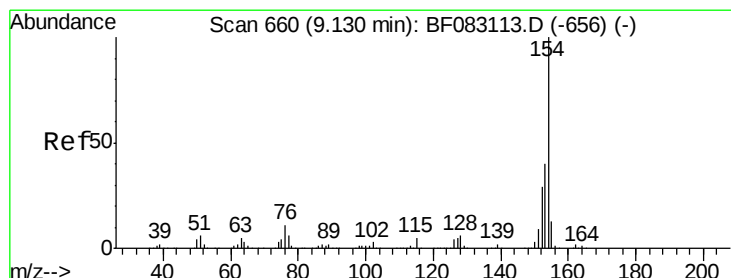
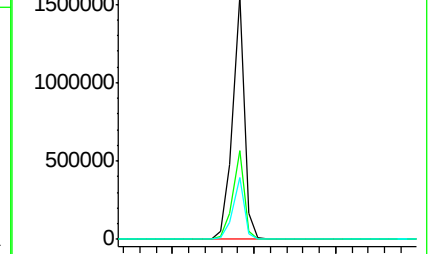
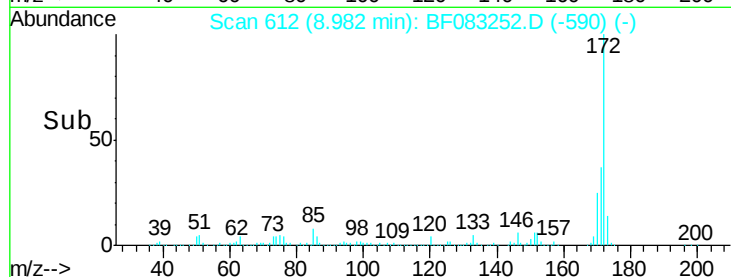


Abundance

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



#45

1,1'-Biphenyl

Concen: 30.84 ng

RT: 9.07 min Scan# 620

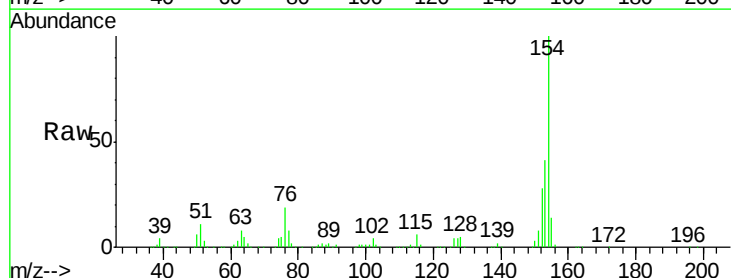
Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Tgt Ion:154 Resp: 874427

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	19.0	0.0	31.2

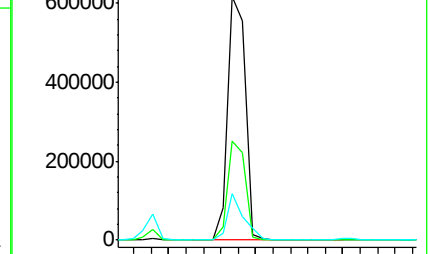
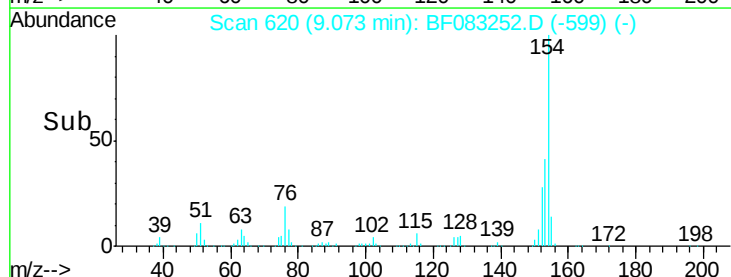


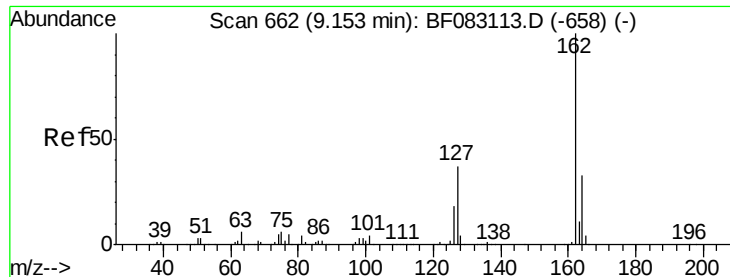
Abundance

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

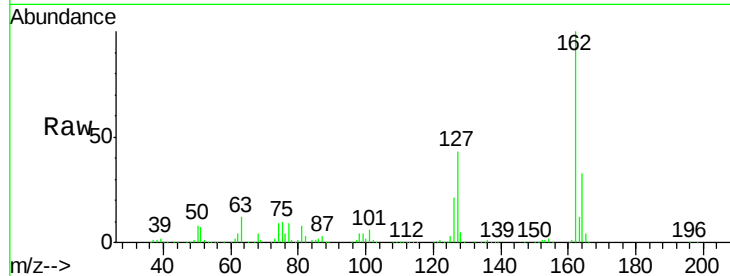




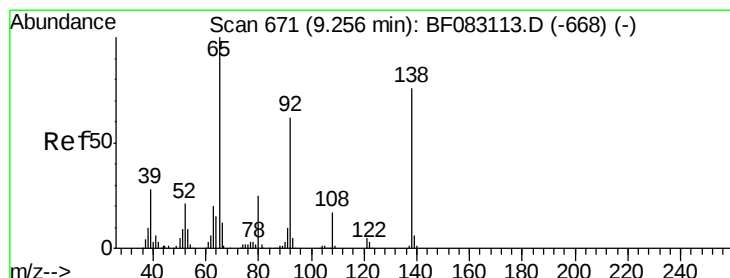
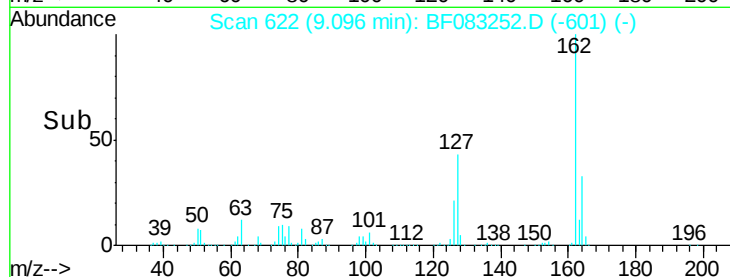
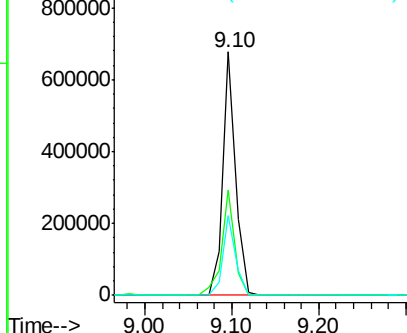
#46
 2-Chloronaphthalene
 Concen: 31.67 ng
 RT: 9.10 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	29.4	44.2
164	33.0	26.2	39.4

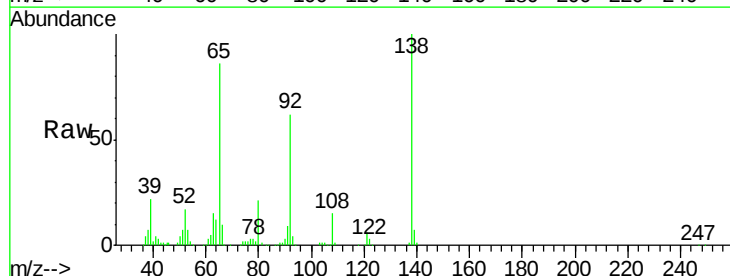


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

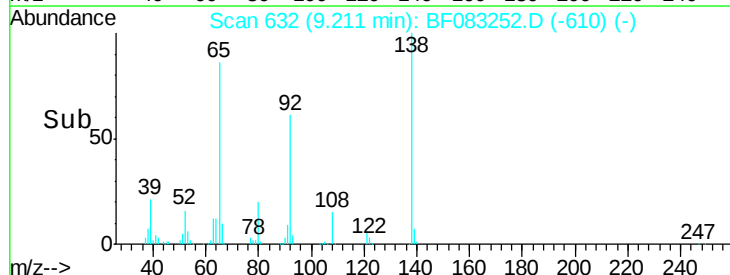
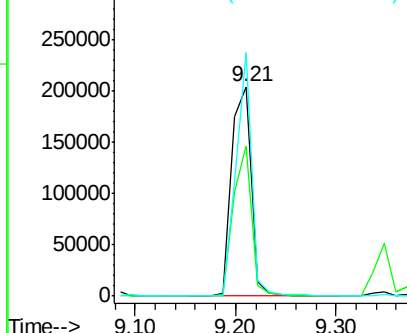


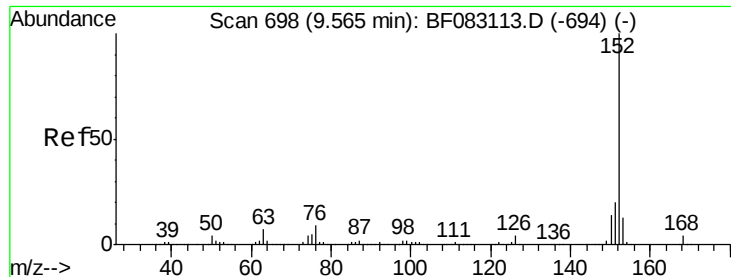
#47
 2-Nitroaniline
 Concen: 35.16 ng
 RT: 9.21 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	49.5	74.3
138	116.3	60.7	91.1#



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





#48

Acenaphthylene

Concen: 32.44 ng

RT: 9.51 min Scan# 658

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

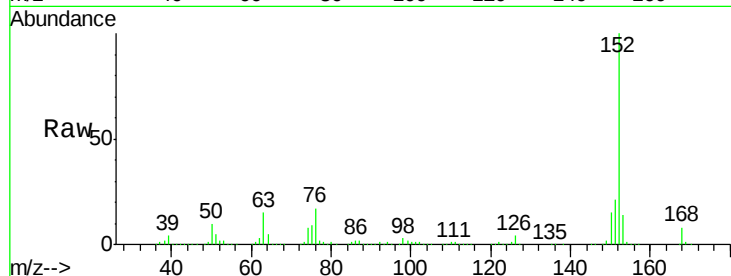
Tgt Ion:152 Resp: 1119648

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

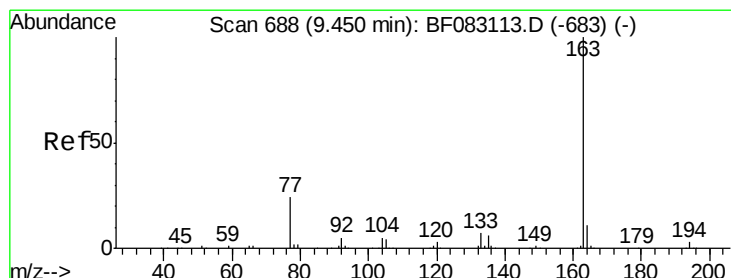
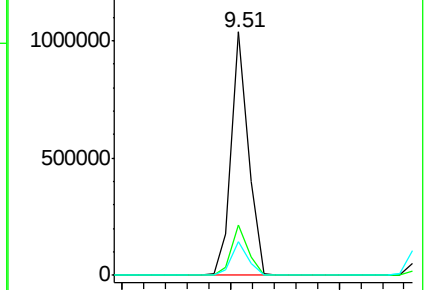
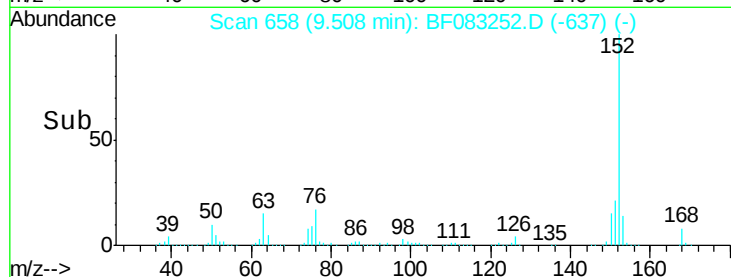
153 13.6 10.8 16.2



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: 35.46 ng

RT: 9.39 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

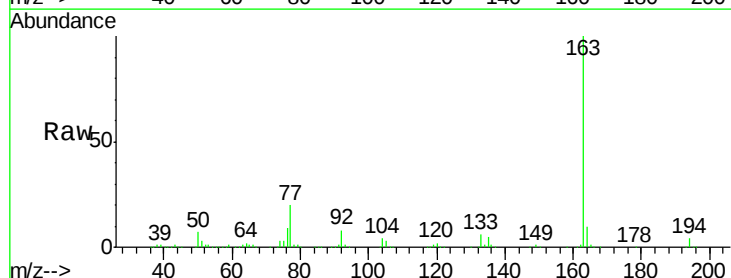
Tgt Ion:163 Resp: 909365

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

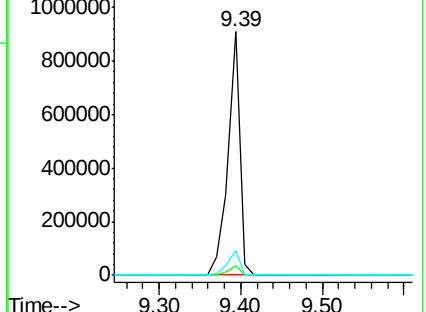
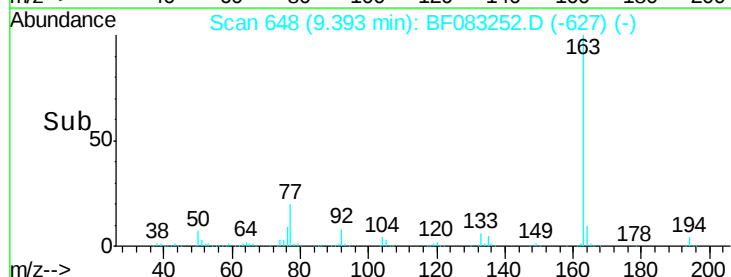
164 10.2 8.6 12.8

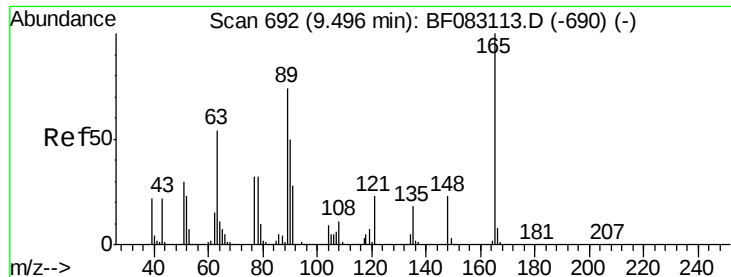


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 35.30 ng

RT: 9.45 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

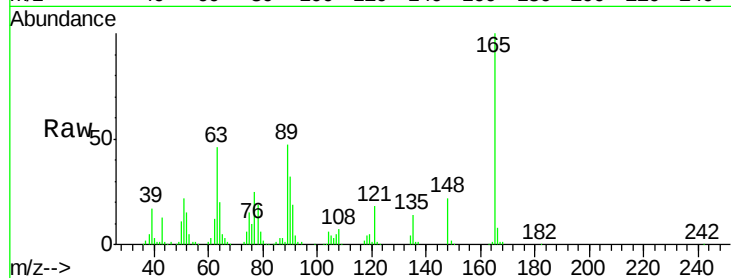
Tgt Ion:165 Resp: 203115

Ion Ratio Lower Upper

165 100

63 45.8 62.5 93.7#

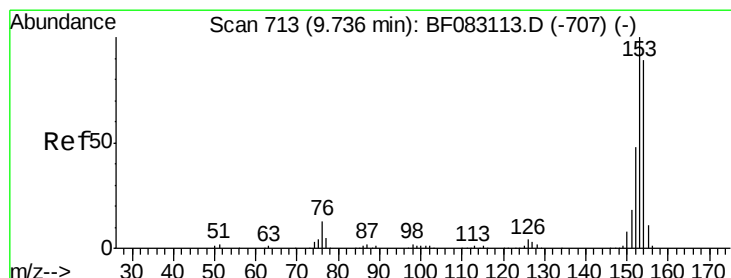
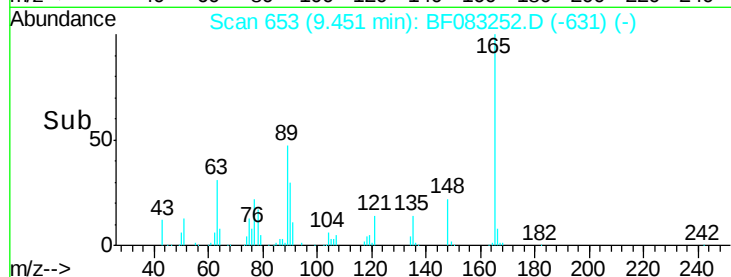
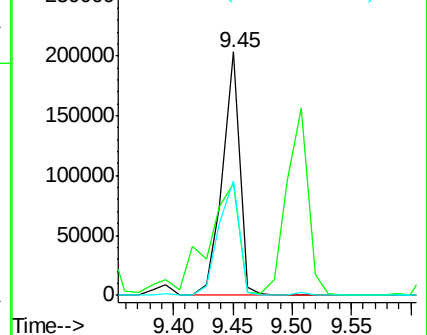
89 47.0 59.1 88.7#



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: 32.63 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

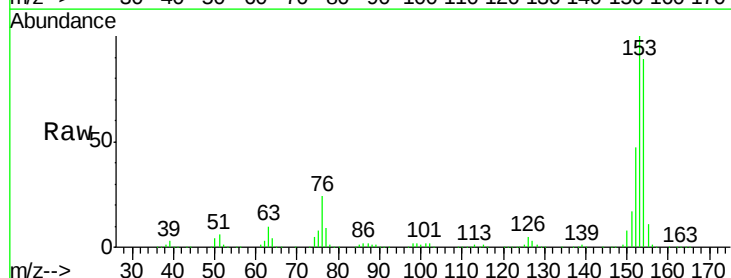
Tgt Ion:154 Resp: 685277

Ion Ratio Lower Upper

154 100

153 112.2 89.6 134.4

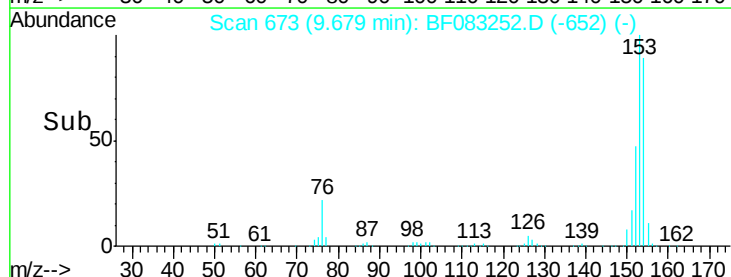
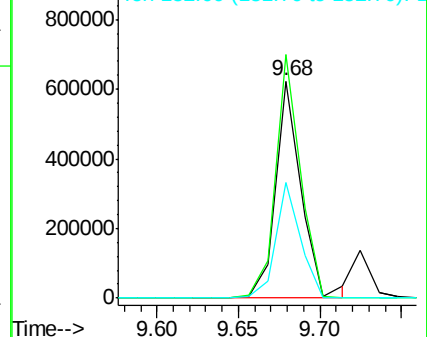
152 53.1 43.3 64.9

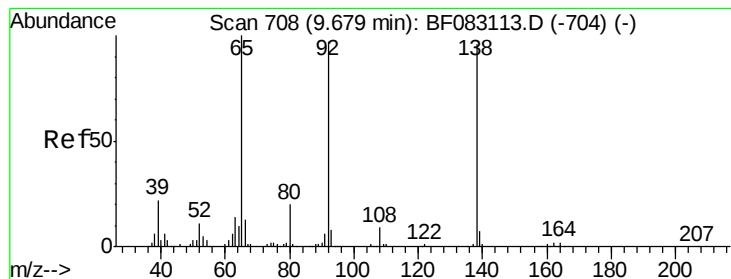


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 15.16 ng

RT: 9.61 min Scan# 667

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

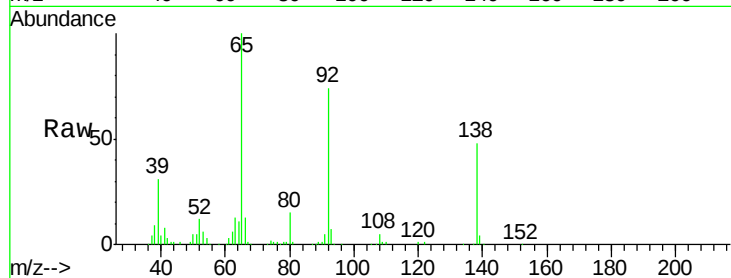
Tgt Ion:138 Resp: 93005

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.6

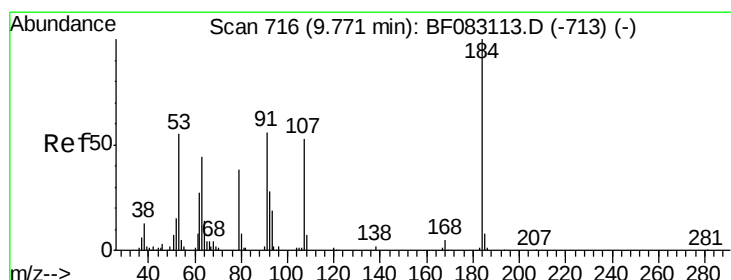
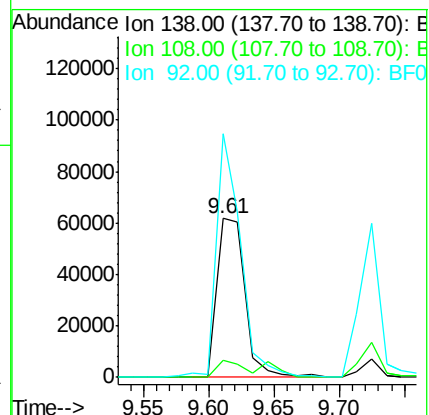
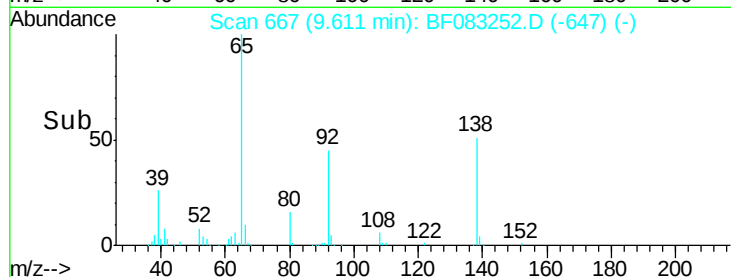
92 153.4 81.1 121.7#



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: 72.29 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

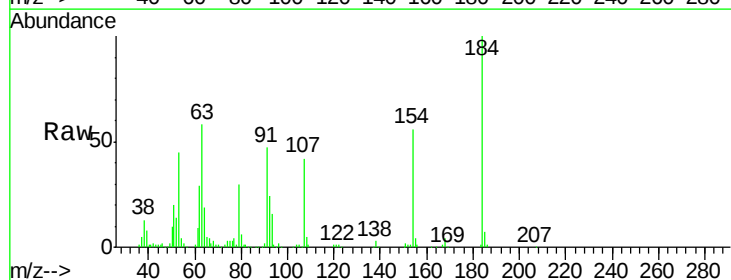
Tgt Ion:184 Resp: 239657

Ion Ratio Lower Upper

184 100

63 57.9 60.5 90.7#

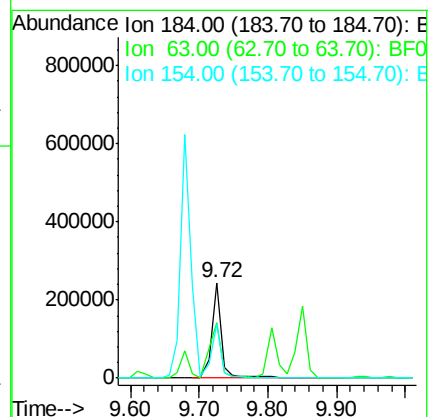
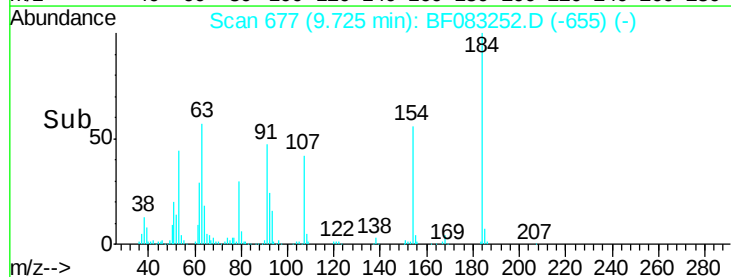
154 56.5 54.3 81.5

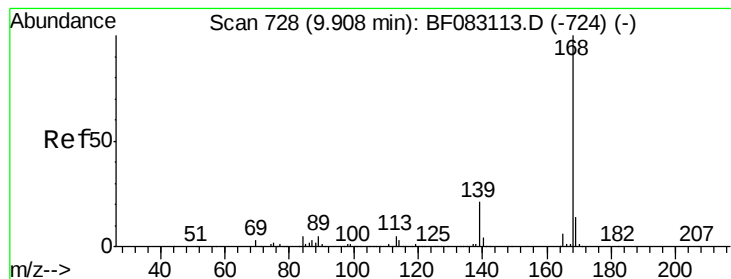


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 33.46 ng

RT: 9.85 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

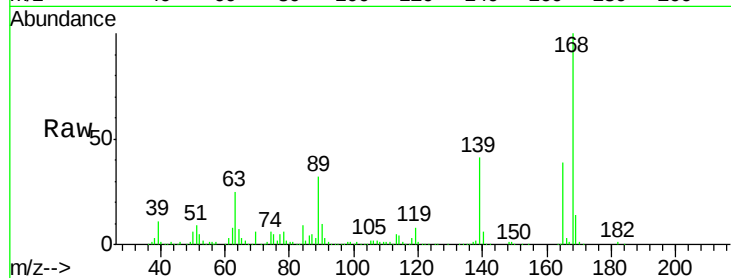
Tgt Ion:168 Resp: 993730

Ion Ratio Lower Upper

168 100

139 41.3 30.2 45.2

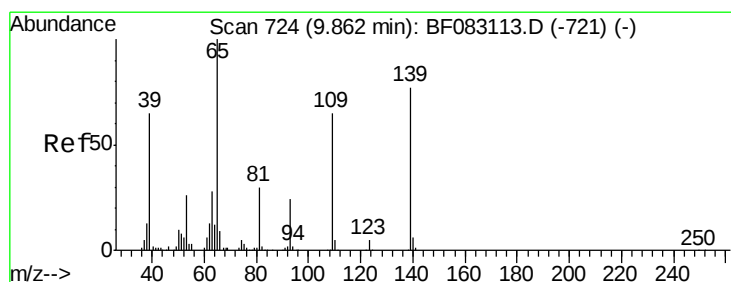
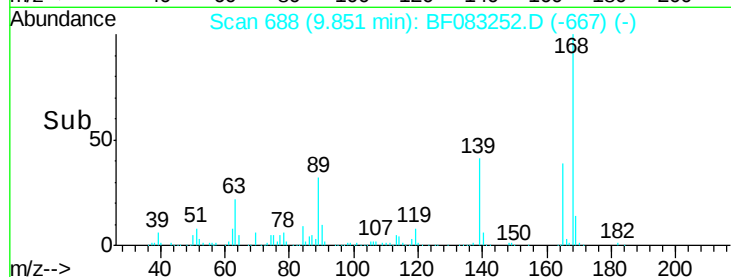
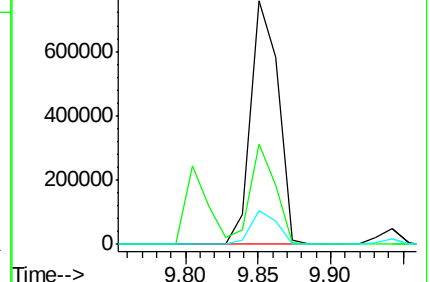
169 14.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 55.93 ng

RT: 9.80 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

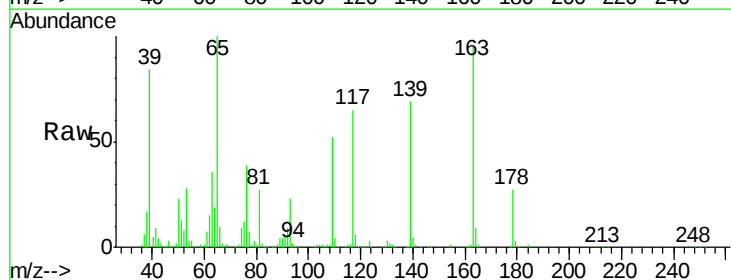
Tgt Ion:139 Resp: 263152

Ion Ratio Lower Upper

139 100

109 74.9 64.0 104.0

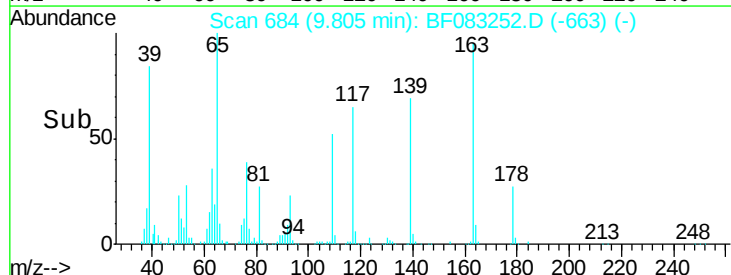
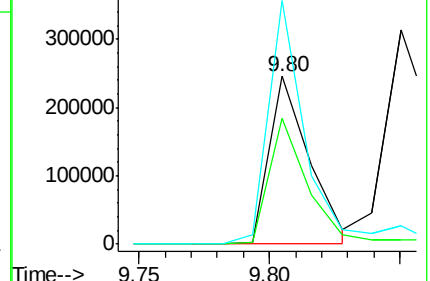
65 145.3 109.5 149.5

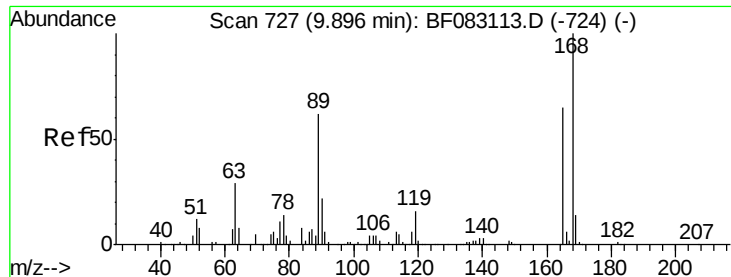


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

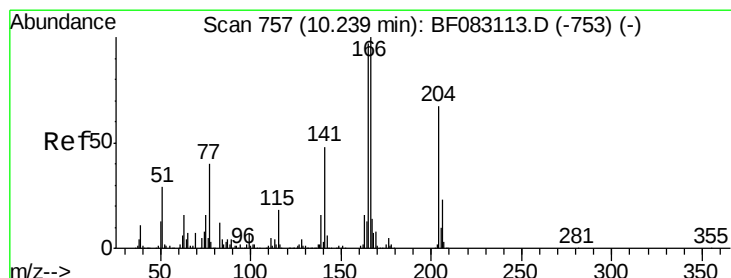
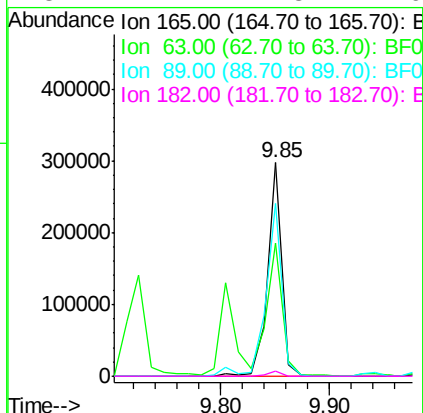
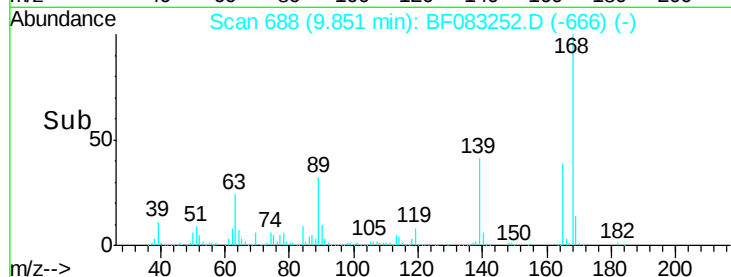
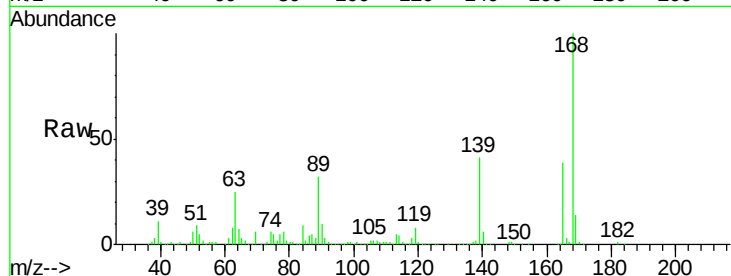




#56
2,4-Dinitrotoluene
Concen: 37.00 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

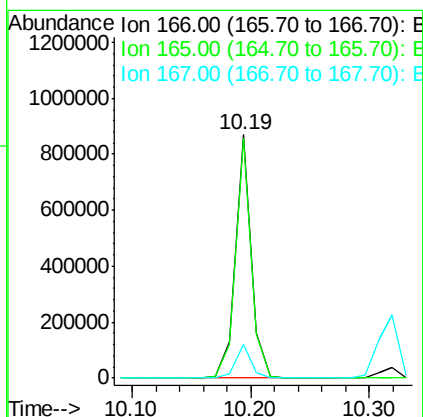
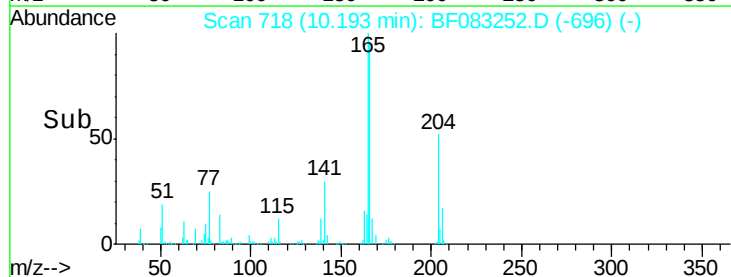
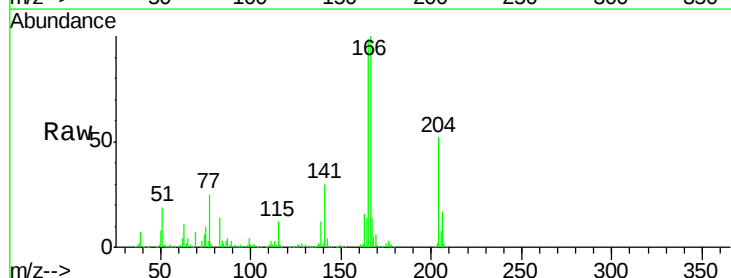
Instrument :
BNA_F
ClientSampleId :
PB86782BS

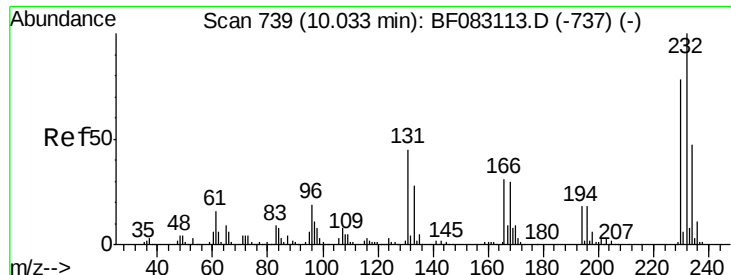
Tgt Ion:165 Resp: 269756
Ion Ratio Lower Upper
165 100
63 62.4 54.5 81.7
89 81.1 77.3 115.9
182 2.2 1.8 2.6



#57
Fluorene
Concen: 33.00 ng
RT: 10.19 min Scan# 718
Delta R.T. -0.05 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion:166 Resp: 810031
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 13.8 11.3 16.9

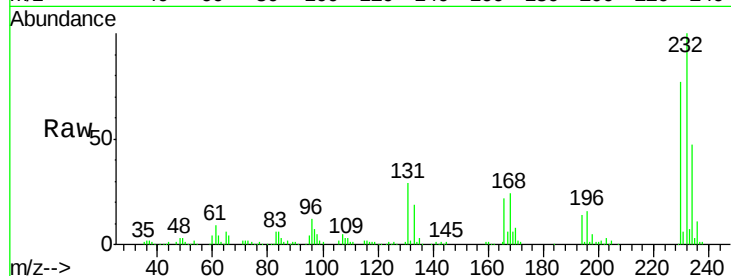




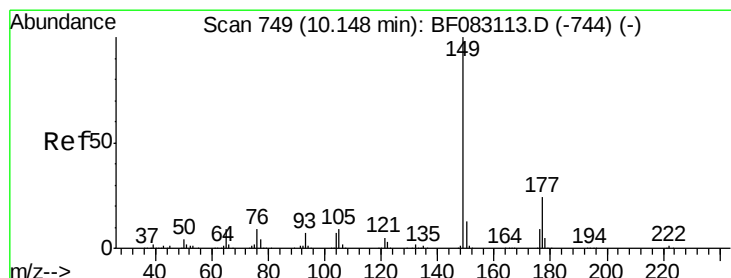
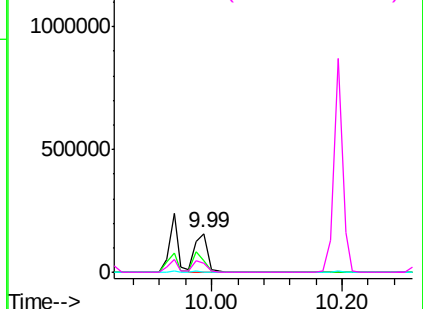
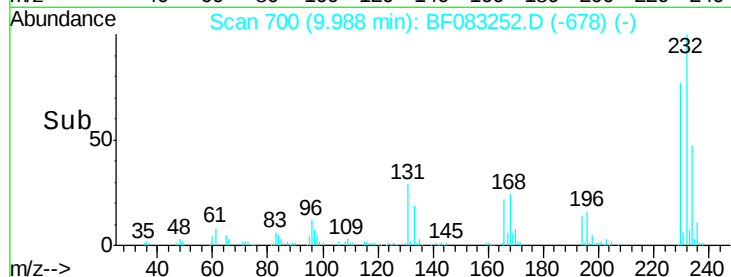
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.60 ng
 RT: 9.99 min Scan# 700
 Delta R.T. -0.05 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:232 Resp: 211466
 Ion Ratio Lower Upper
 232 100
 131 46.6 38.6 57.8
 130 2.1 1.9 2.9
 166 28.5 25.4 38.0

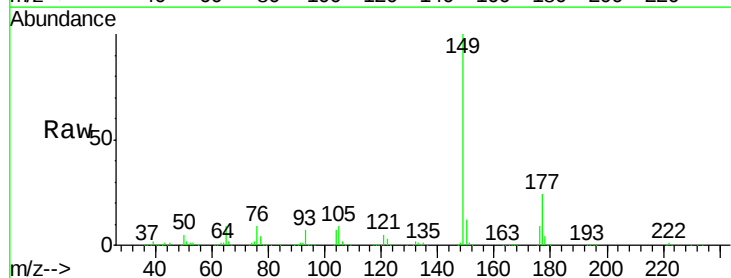


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

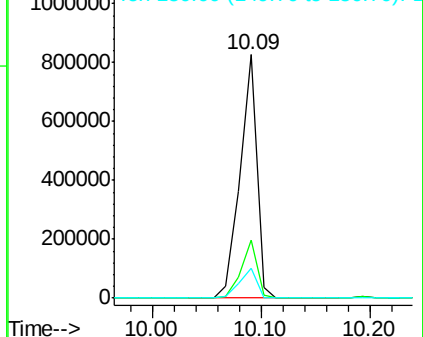
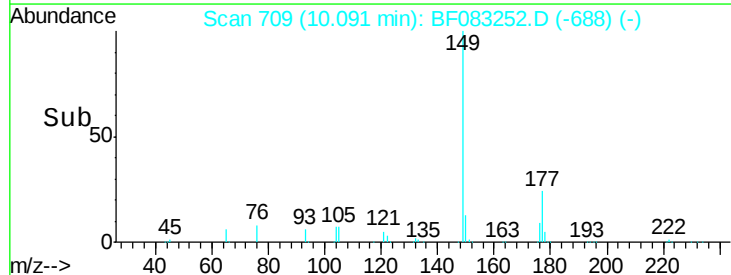


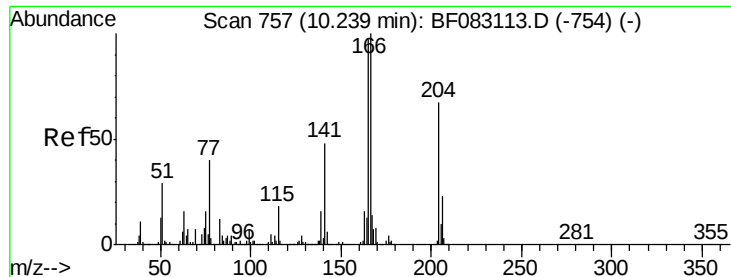
#59
 Diethylphthalate
 Concen: 34.22 ng
 RT: 10.09 min Scan# 709
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion:149 Resp: 873681
 Ion Ratio Lower Upper
 149 100
 177 23.8 19.4 29.2
 150 12.5 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

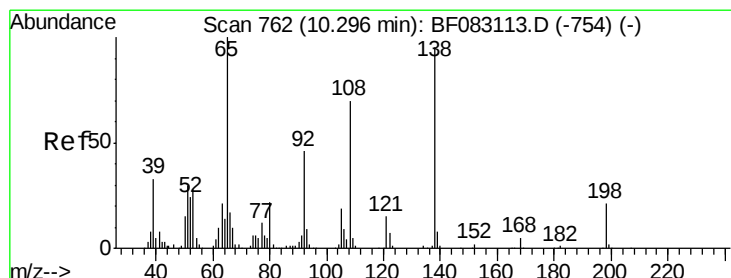
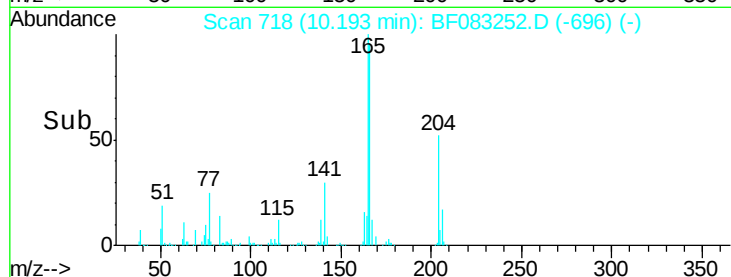
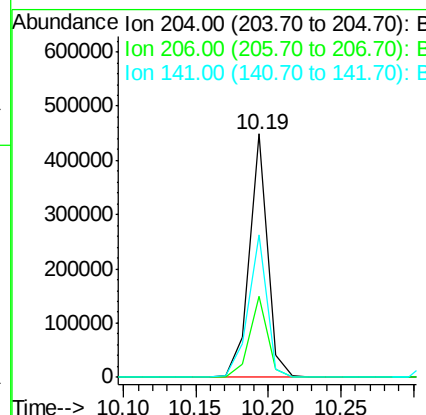
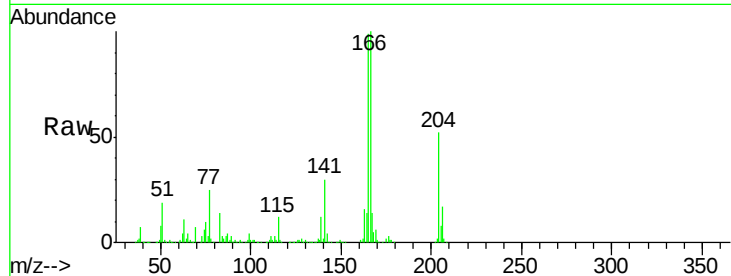




#60
 4-Chlorophenyl-phenylether
 Concen: 34.88 ng
 RT: 10.19 min Scan# 718
 Delta R.T. -0.05 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

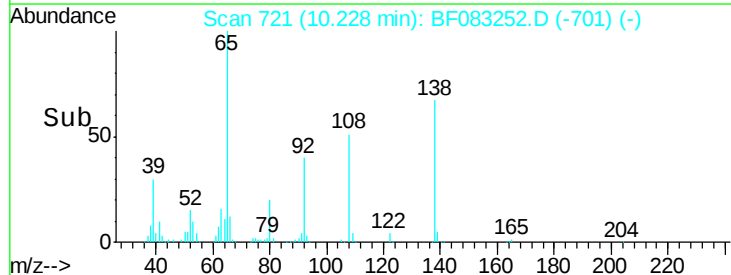
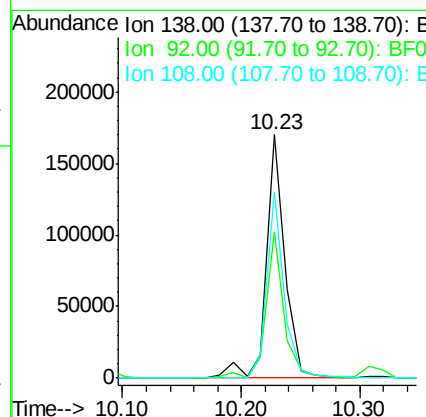
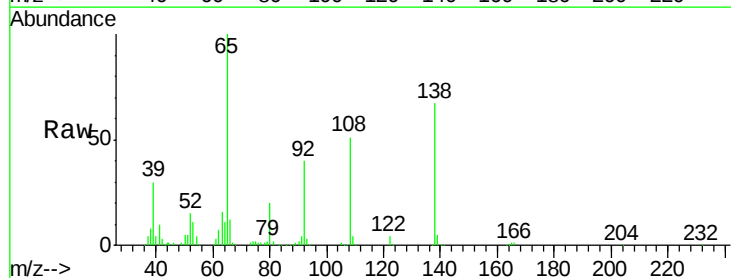
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

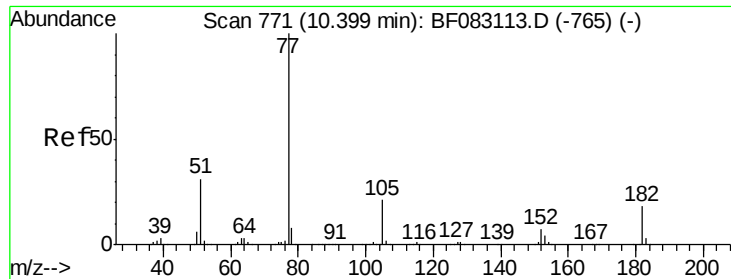
Tgt Ion: 204 Resp: 392107
 Ion Ratio Lower Upper
 204 100
 206 33.1 27.4 41.0
 141 58.6 57.4 86.2



#61
 4-Nitroaniline
 Concen: 30.71 ng
 RT: 10.23 min Scan# 721
 Delta R.T. -0.07 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion: 138 Resp: 185476
 Ion Ratio Lower Upper
 138 100
 92 60.1 28.4 68.4
 108 76.2 53.5 93.5





#62

Azobenzene

Concen: 37.41 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tgt Ion: 77 Resp: 1090022

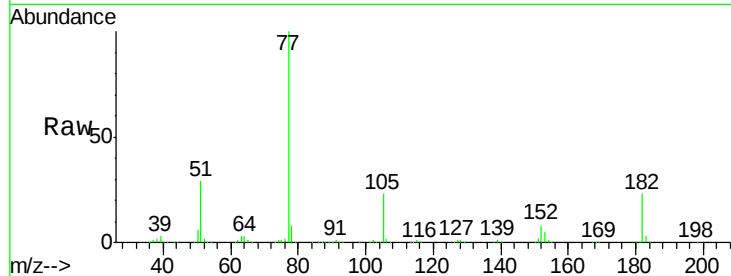
Ion Ratio Lower Upper

77 100

182 22.6 0.0 38.3

105 23.0 1.2 41.2

51 29.1 11.1 51.1

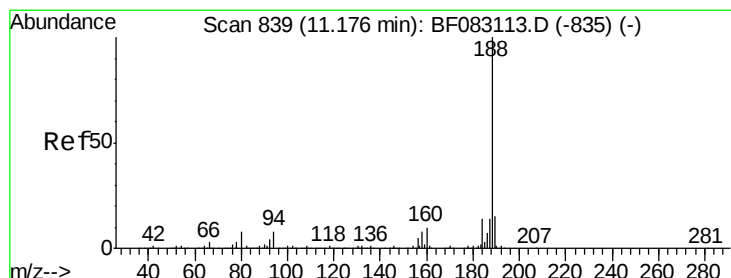
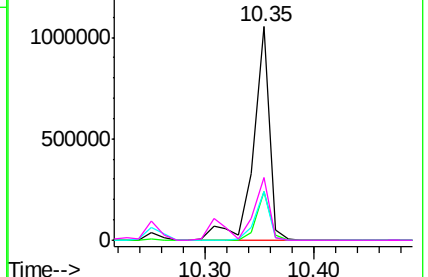
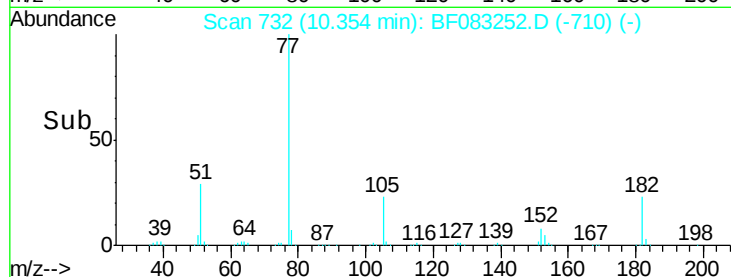


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.12 min Scan# 799

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

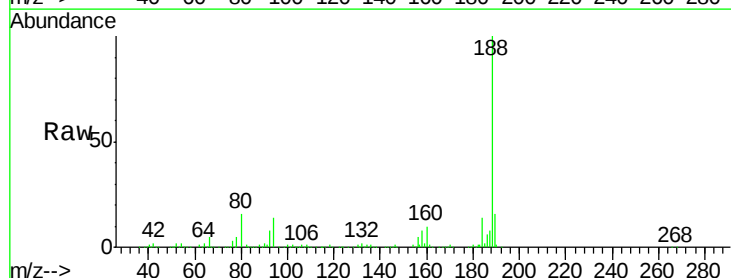
Tgt Ion: 188 Resp: 638754

Ion Ratio Lower Upper

188 100

94 14.0 6.0 9.0#

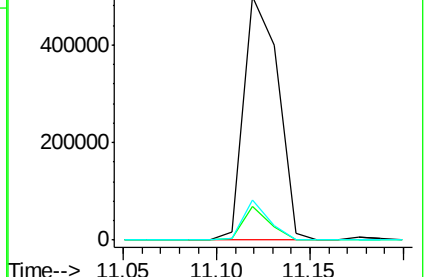
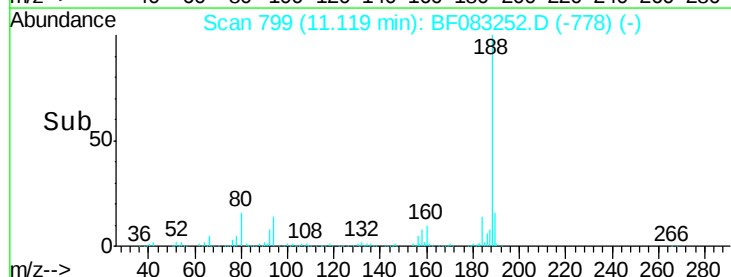
80 16.4 6.7 10.1#

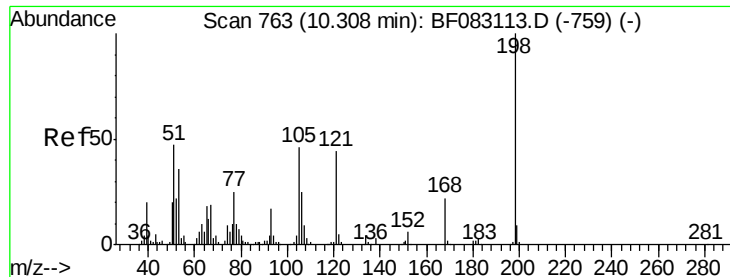


Abundance Ion 188.00 (187.70 to 188.70): E

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: 32.32 ng

RT: 10.25 min Scan# 723

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

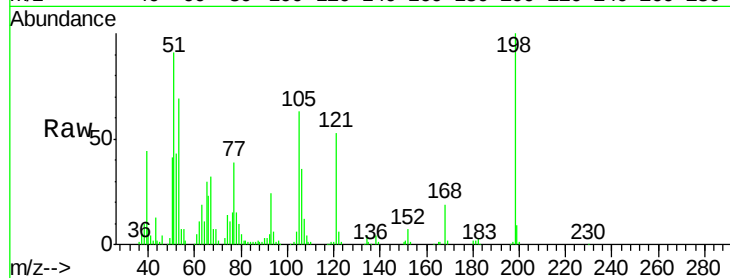
Tgt Ion:198 Resp: 142259

Ion Ratio Lower Upper

198 100

51 91.1 27.0 67.0#

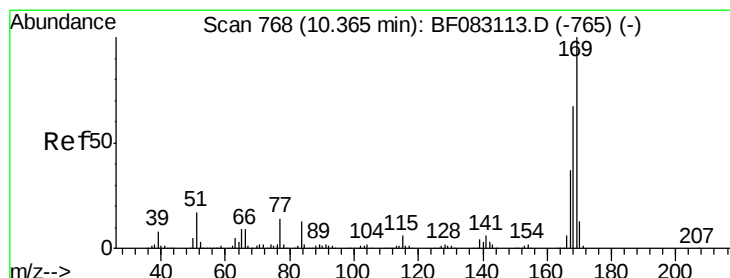
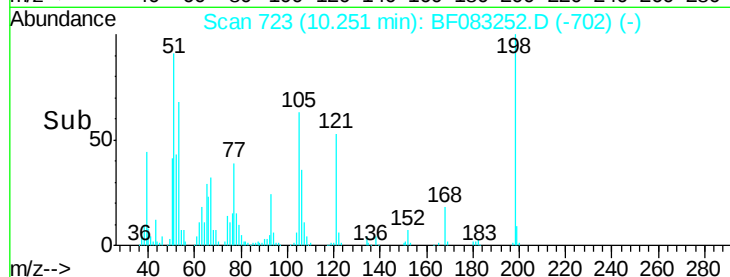
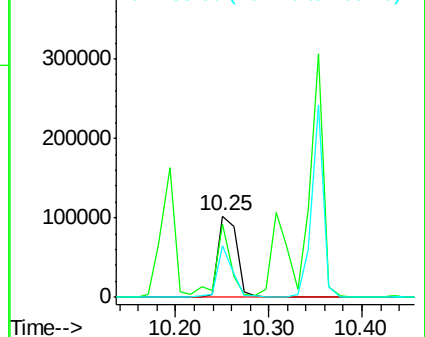
105 63.4 26.1 66.1



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: 33.05 ng

RT: 10.32 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

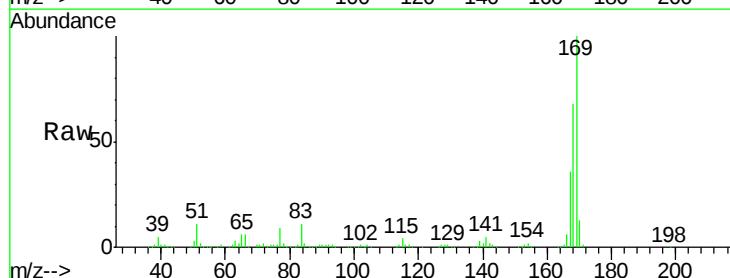
Tgt Ion:169 Resp: 717996

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.6

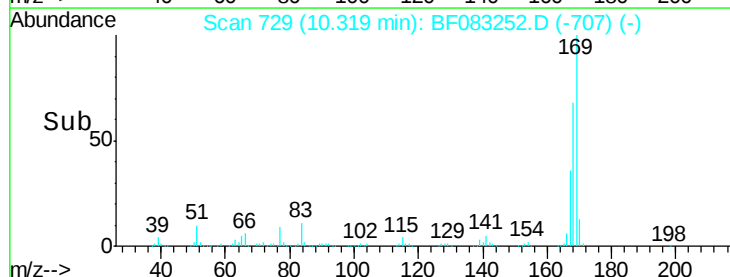
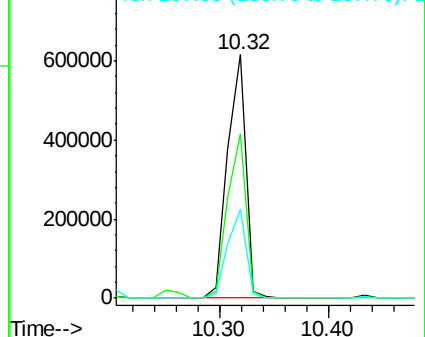
167 36.5 29.8 44.8

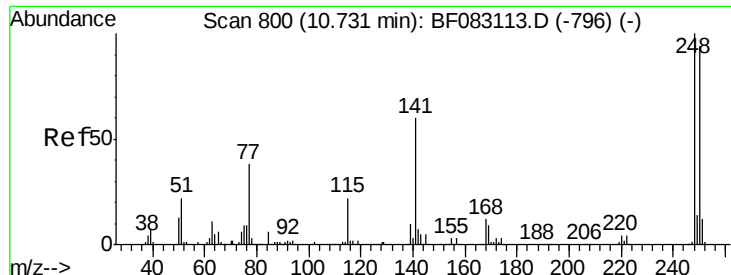


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

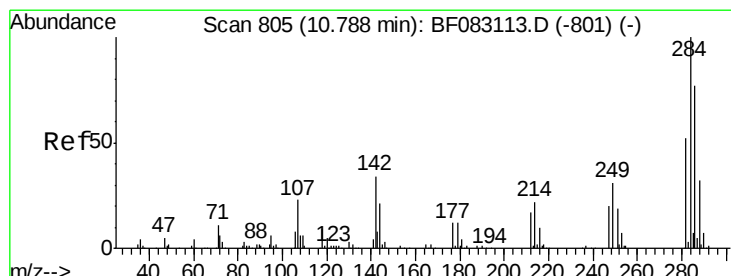
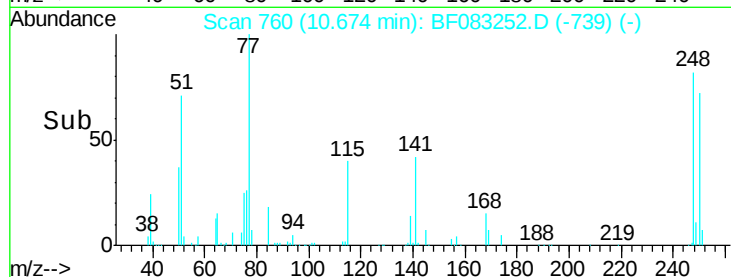
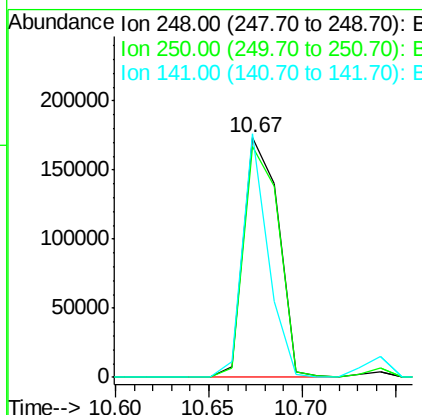
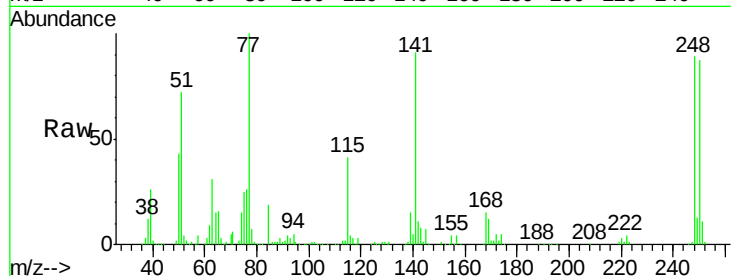




#66
 4-Bromophenyl-phenylether
 Concen: 31.58 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

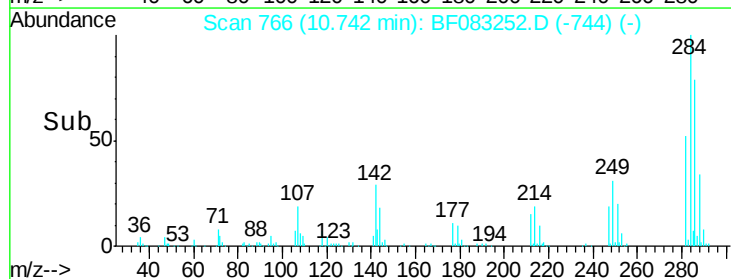
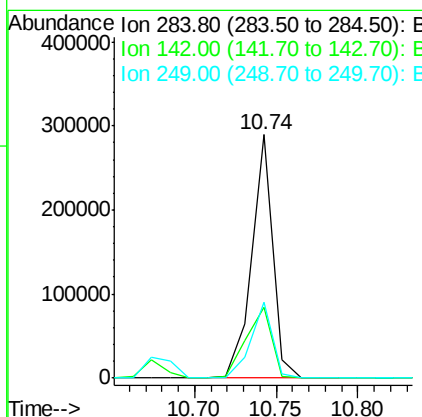
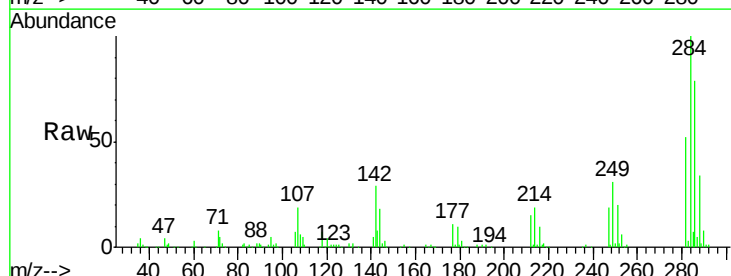
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

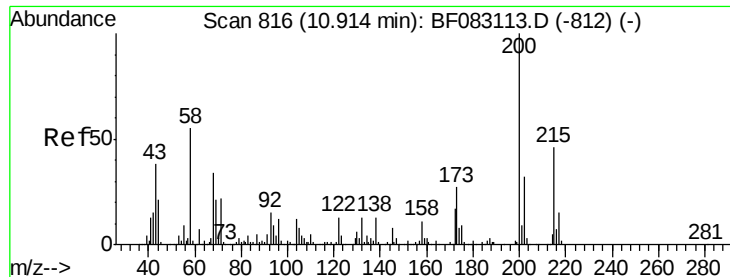
Tgt Ion:248 Resp: 223823
 Ion Ratio Lower Upper
 248 100
 250 96.7 75.4 113.2
 141 101.7 48.1 72.1#



#67
 Hexachlorobenzene
 Concen: 33.28 ng
 RT: 10.74 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion:284 Resp: 259757
 Ion Ratio Lower Upper
 284 100
 142 29.1 27.6 41.4
 249 31.2 25.5 38.3

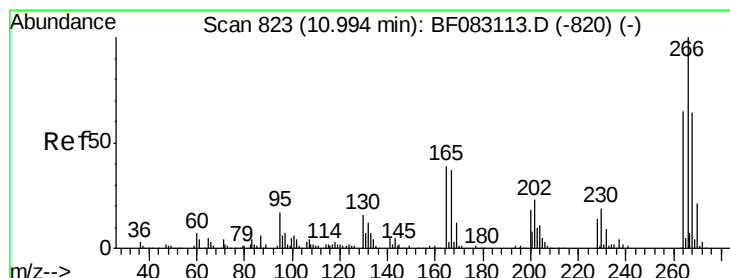
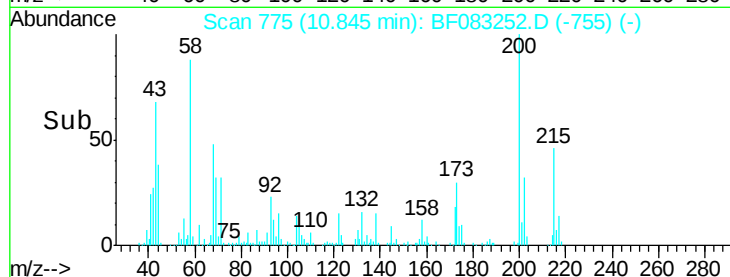
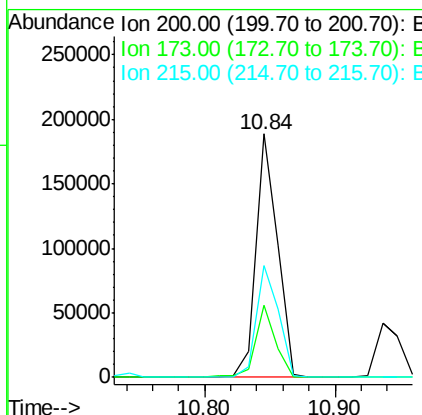
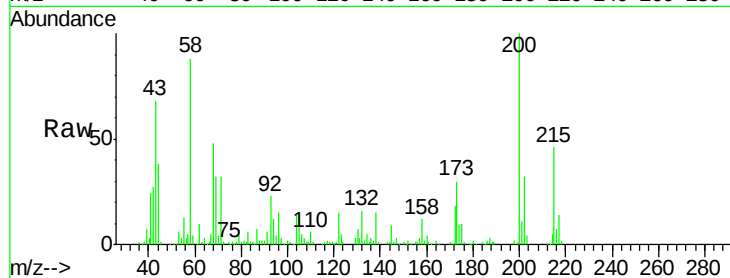




#68
 Atrazine
 Concen: 34.39 ng
 RT: 10.84 min Scan# 775
 Delta R.T. -0.07 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

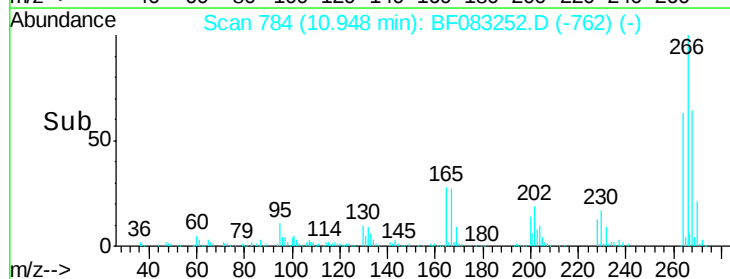
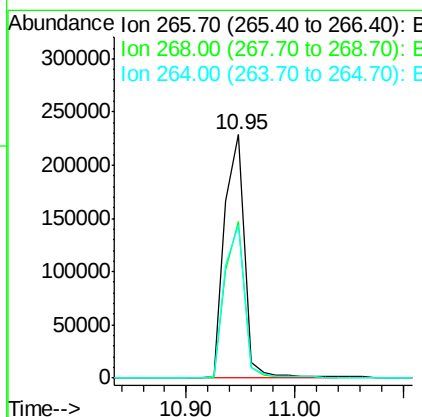
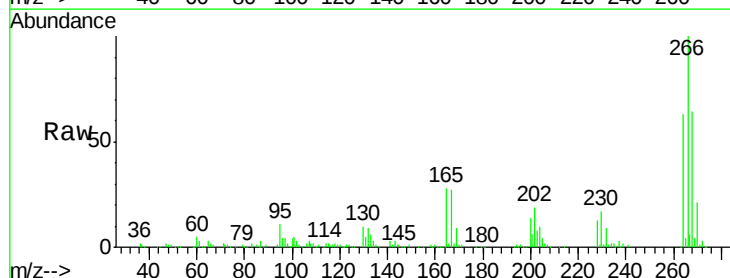
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

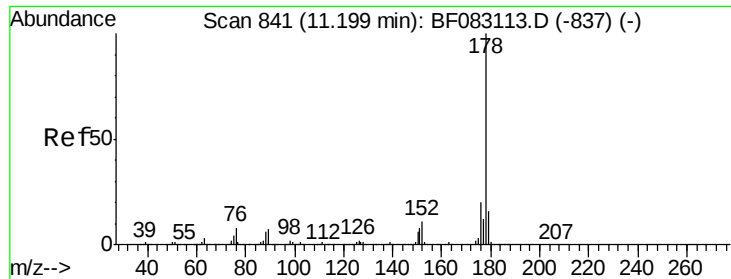
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	7.2	47.2
215	45.8	25.7	65.7



#69
 Pentachlorophenol
 Concen: 57.64 ng
 RT: 10.95 min Scan# 784
 Delta R.T. -0.05 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.4	77.0
264	62.8	51.7	77.5

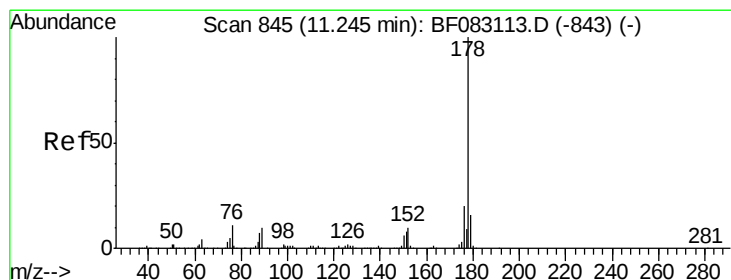
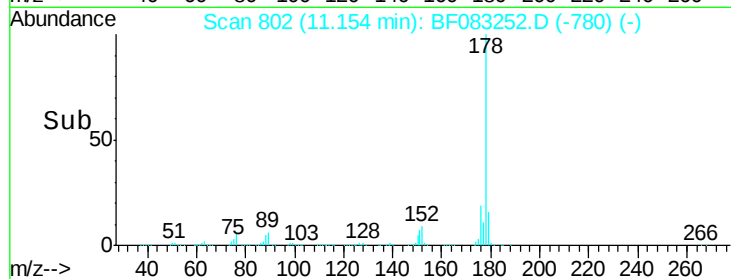
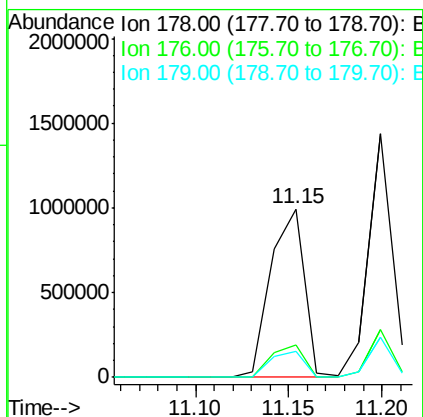
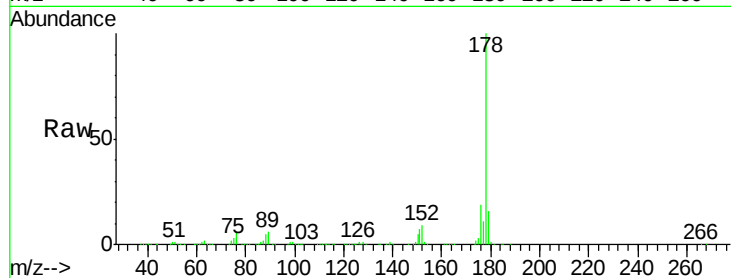




#70
Phenanthrene
Concen: 34.04 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

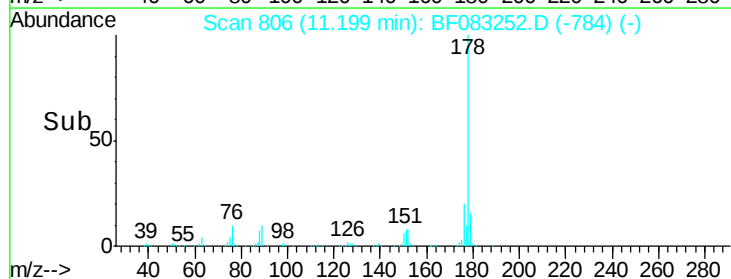
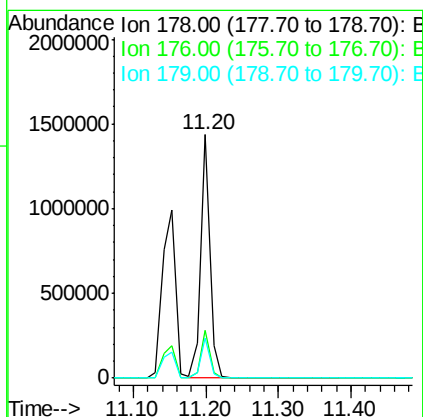
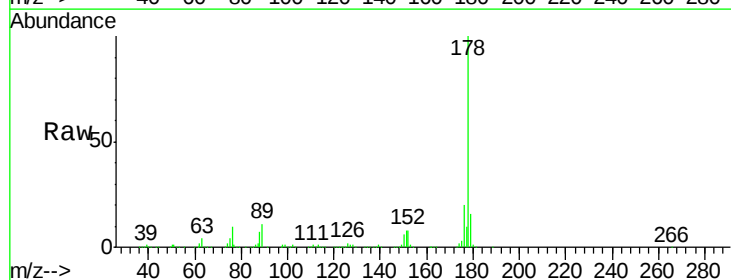
Instrument :
BNA_F
ClientSampleId :
PB86782BS

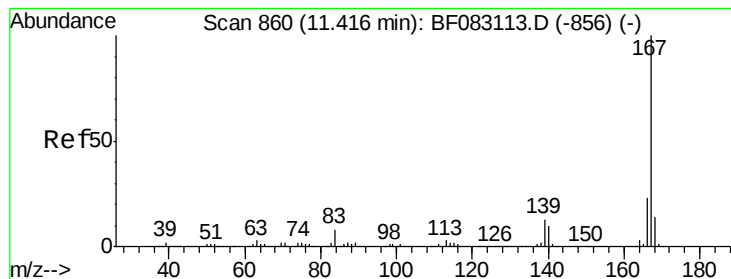
Tgt Ion:178 Resp: 1252831
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.2
179 15.5 12.8 19.2



#71
Anthracene
Concen: 33.93 ng
RT: 11.20 min Scan# 806
Delta R.T. -0.05 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion:178 Resp: 1273847
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.4 13.2 19.8





#72

Carbazole

Concen: 31.80 ng

RT: 11.36 min Scan# 820

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

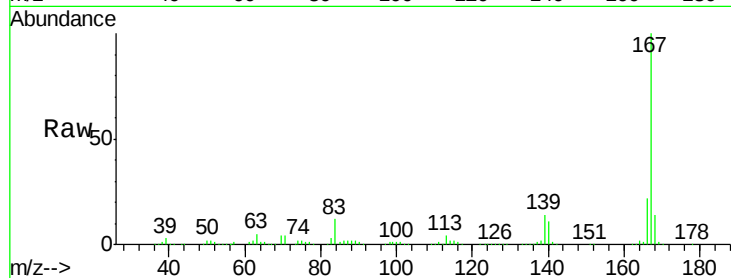
Tgt Ion:167 Resp: 1061228

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

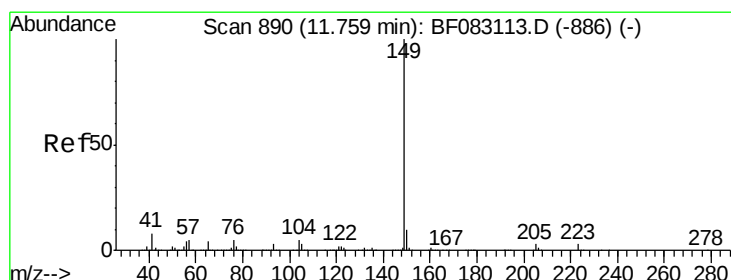
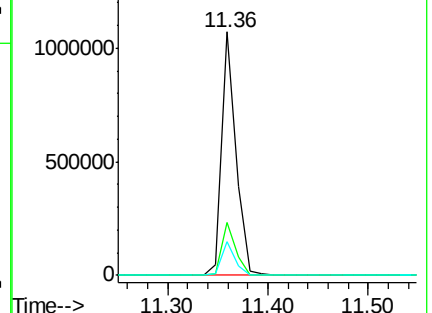
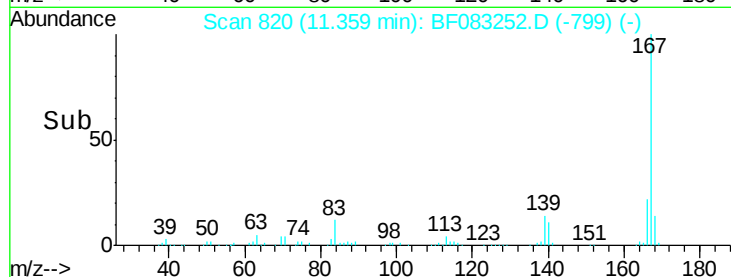
139 13.8 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 32.83 ng

RT: 11.70 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

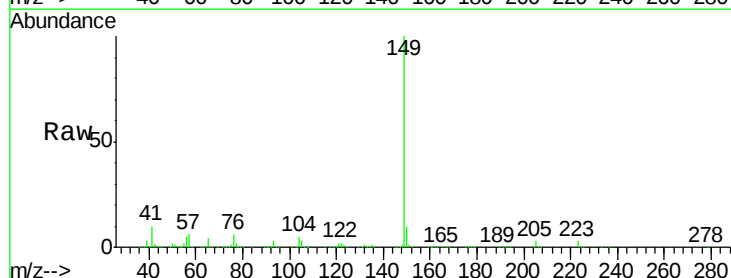
Tgt Ion:149 Resp: 1337416

Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

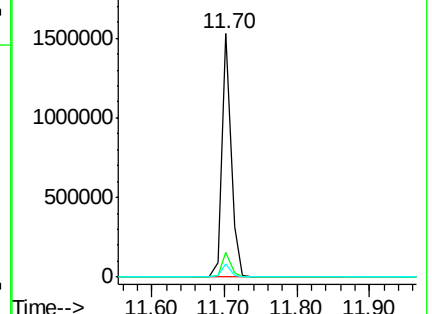
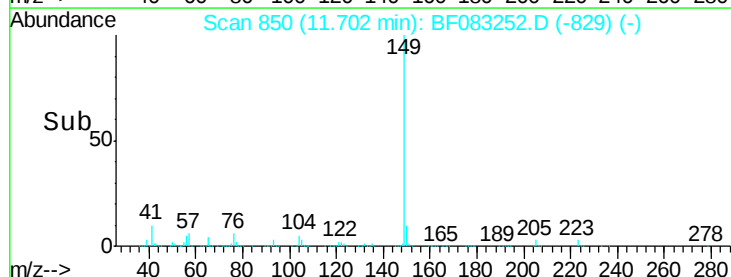
104 5.4 4.4 6.6

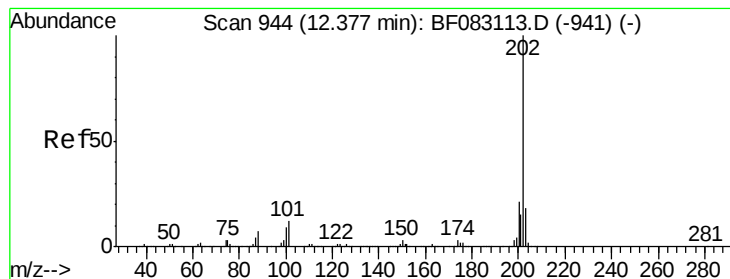


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 35.26 ng

RT: 12.33 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

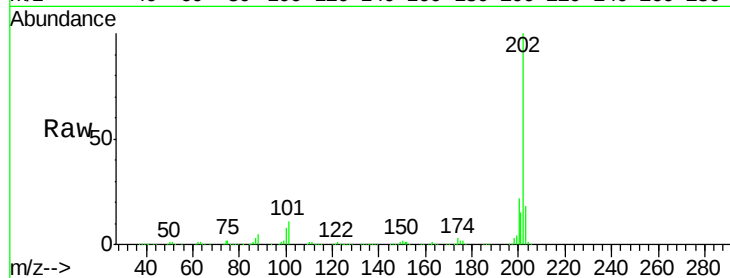
Tgt Ion:202 Resp: 1327954

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.3

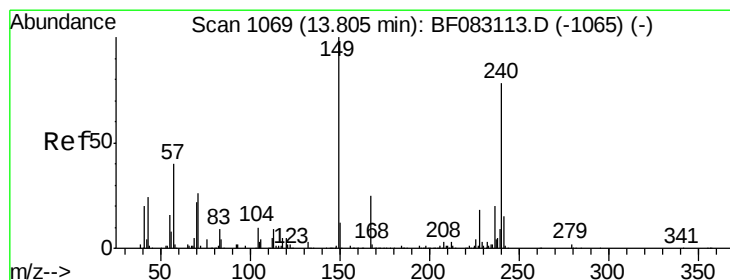
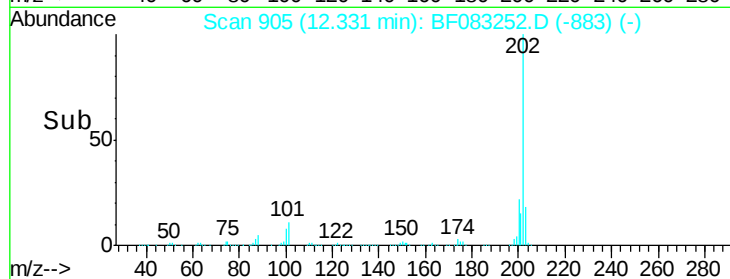
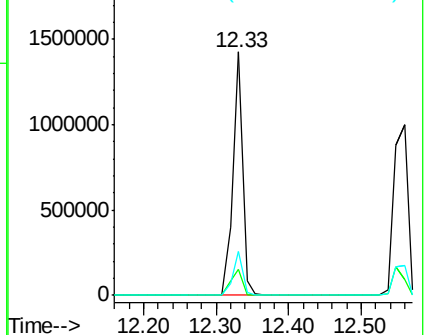
203 18.2 0.0 38.4



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: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

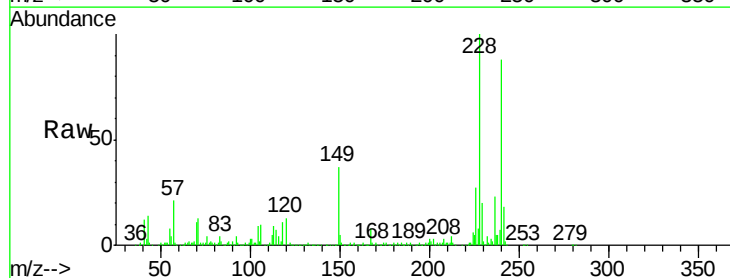
Tgt Ion:240 Resp: 540505

Ion Ratio Lower Upper

240 100

120 15.1 5.4 8.2#

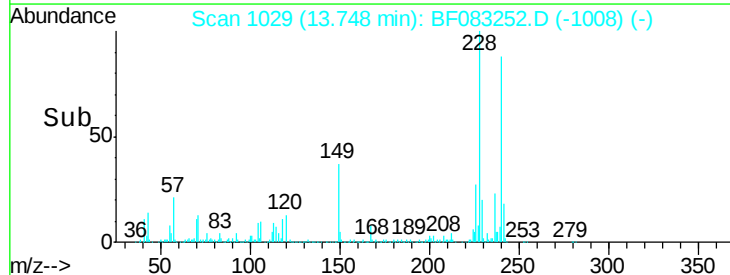
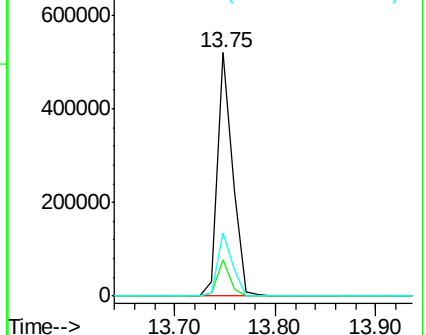
236 25.9 20.6 31.0

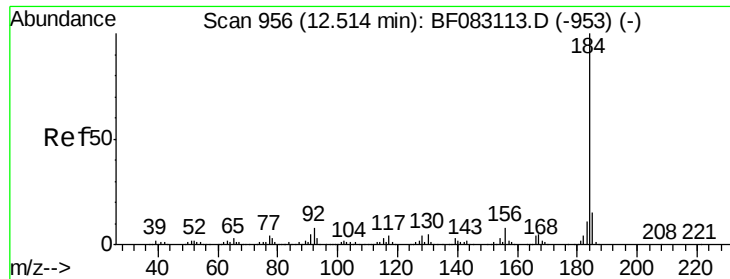


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

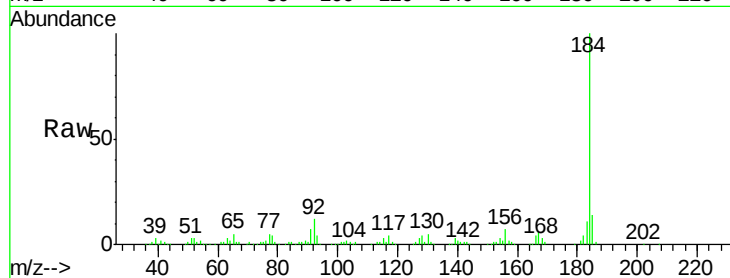




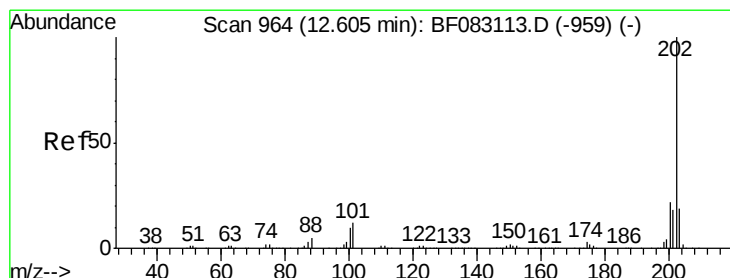
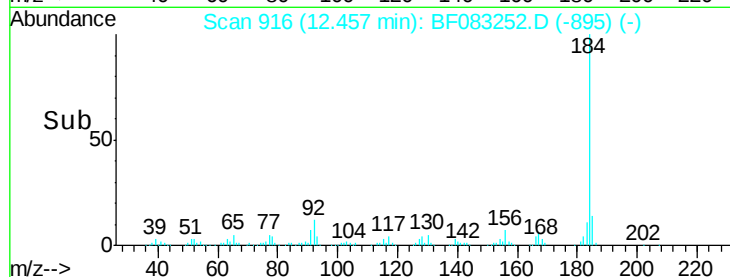
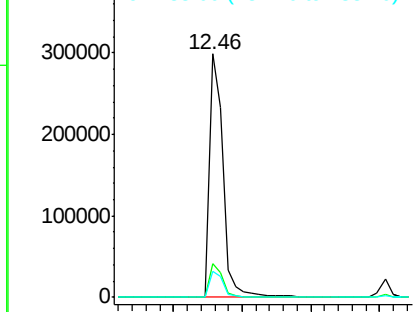
#76
Benzidine
Concen: 29.47 ng
RT: 12.46 min Scan# 916
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion:184 Resp: 417507
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.9 8.8 13.2

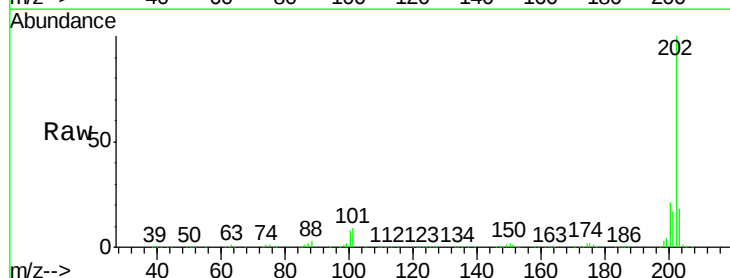


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

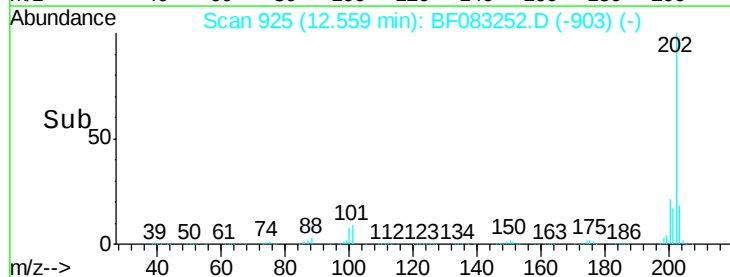
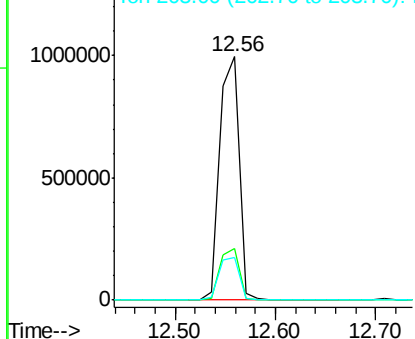


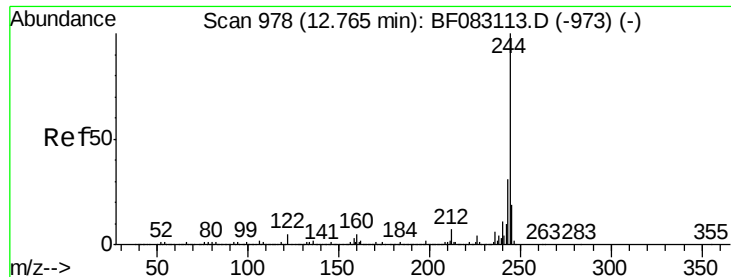
#77
Pyrene
Concen: 36.22 ng
RT: 12.56 min Scan# 925
Delta R.T. -0.05 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion:202 Resp: 1337353
Ion Ratio Lower Upper
202 100
200 21.0 17.8 26.6
203 17.6 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

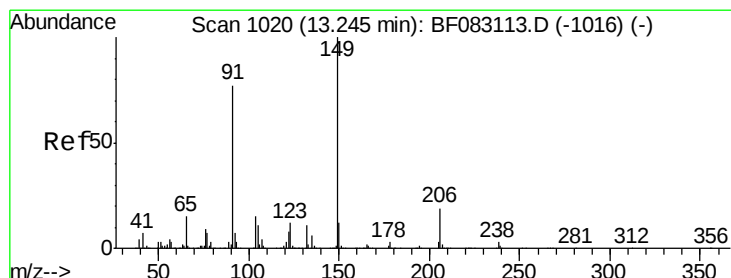
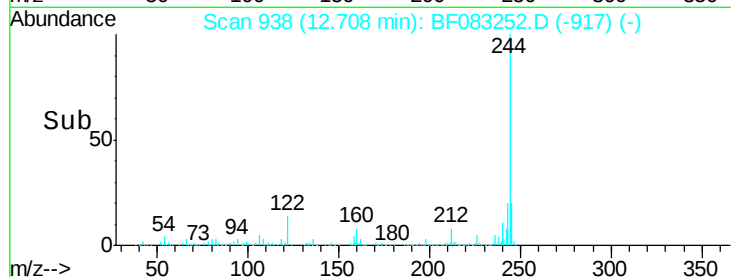
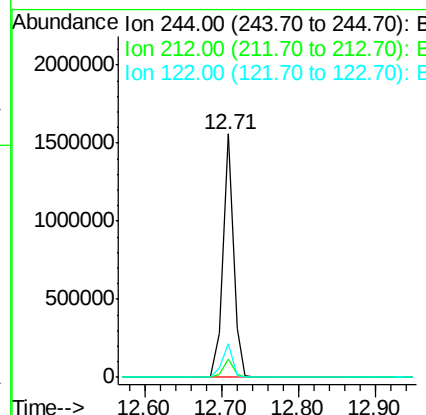
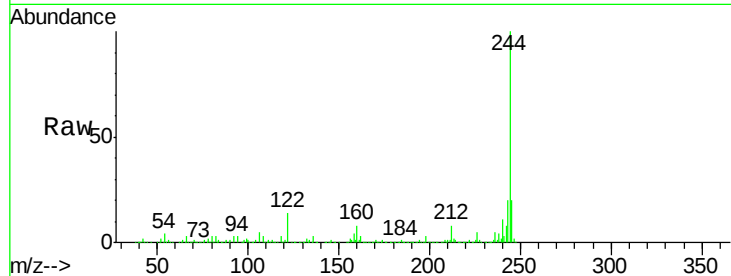




#78
 Terphenyl-d14
 Concen: 64.96 ng
 RT: 12.71 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

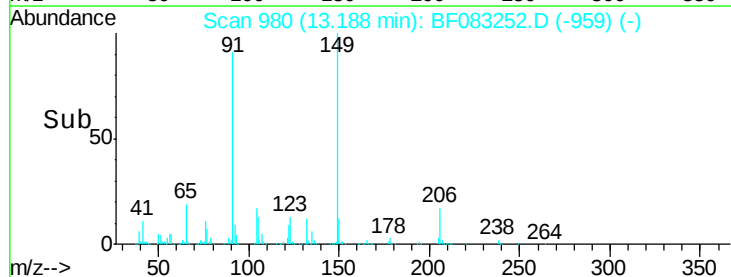
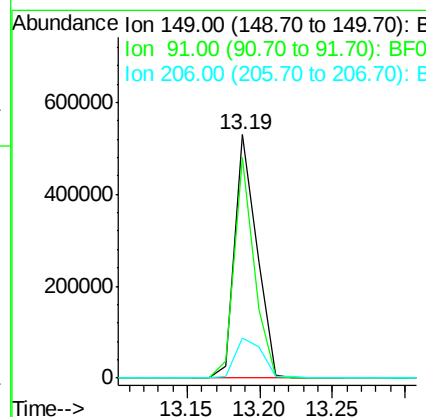
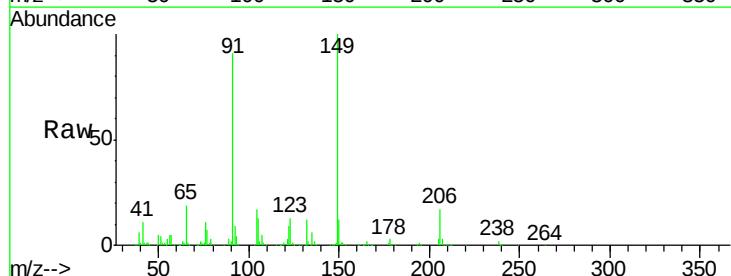
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

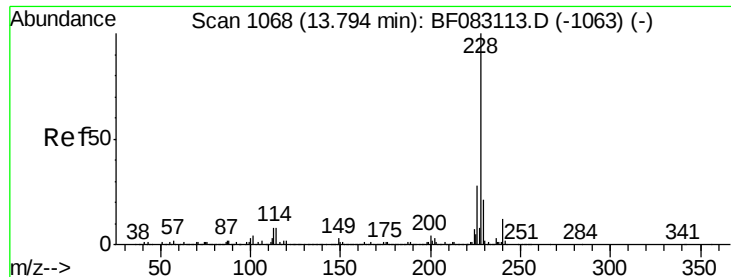
Tgt Ion:244 Resp: 1490953
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 13.7 4.3 6.5#



#79
 Butylbenzylphthalate
 Concen: 32.06 ng
 RT: 13.19 min Scan# 980
 Delta R.T. -0.06 min
 Lab File: BF083252.D
 Acq: 24 Nov 2015 22:39

Tgt Ion:149 Resp: 560315
 Ion Ratio Lower Upper
 149 100
 91 90.6 61.5 92.3
 206 16.7 15.3 22.9





#80

Benzo(a)anthracene

Concen: 34.20 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

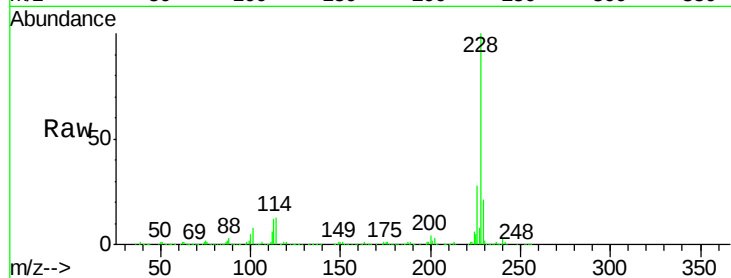
Tgt Ion:228 Resp: 1143205

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

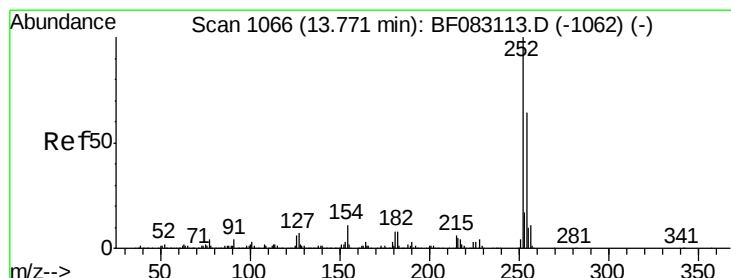
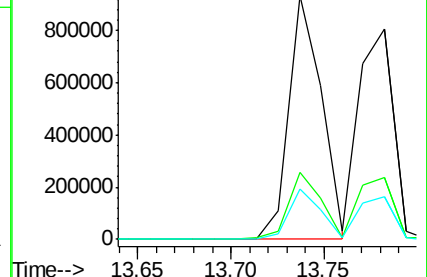
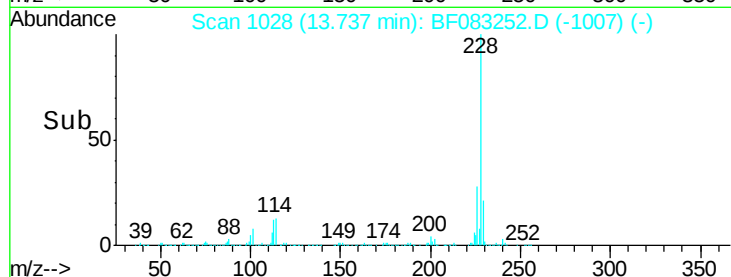
229 20.5 16.6 24.8



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: 20.30 ng

RT: 13.71 min Scan# 1026

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

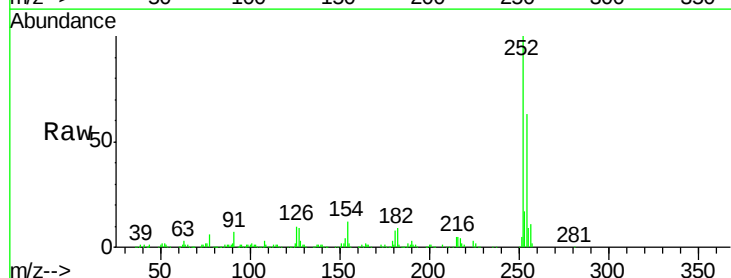
Tgt Ion:252 Resp: 236206

Ion Ratio Lower Upper

252 100

254 63.1 51.5 77.3

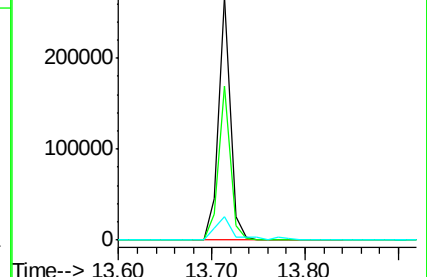
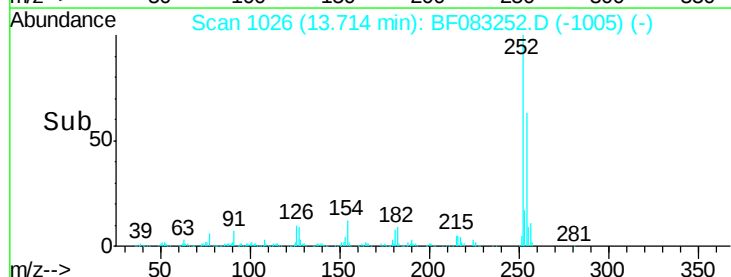
126 9.8 5.2 7.8#

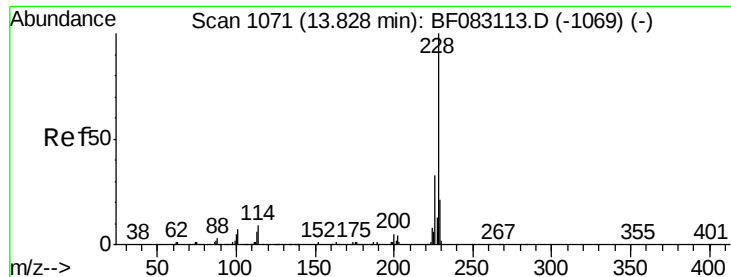


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.78 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

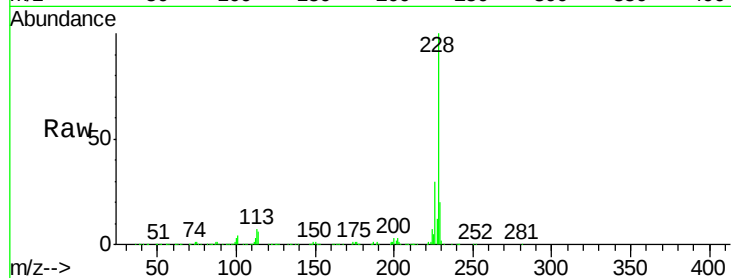
Tgt Ion:228 Resp: 1047265

Ion Ratio Lower Upper

228 100

226 29.6 25.5 38.3

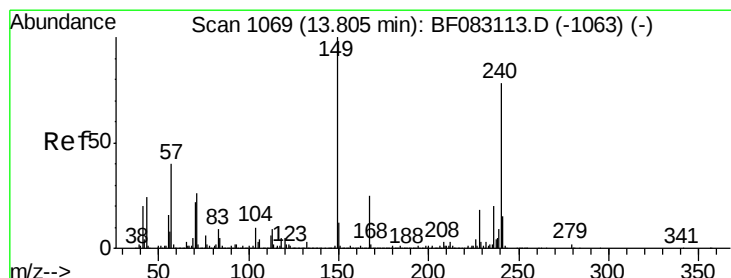
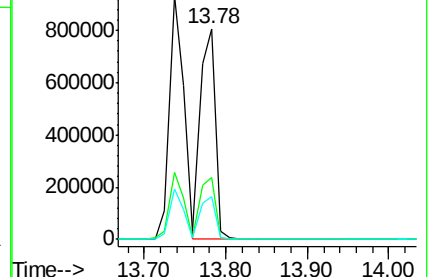
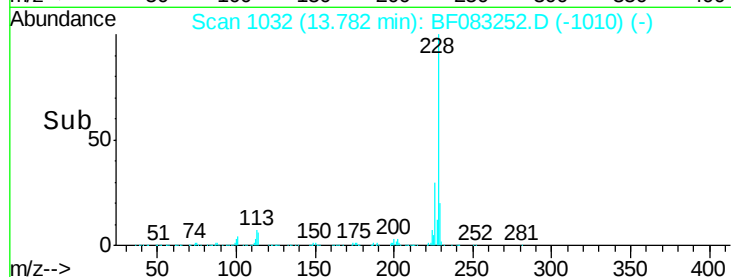
229 20.0 16.6 25.0



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: 34.15 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

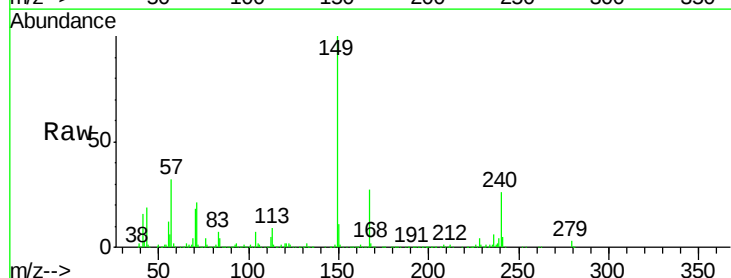
Tgt Ion:149 Resp: 779532

Ion Ratio Lower Upper

149 100

167 27.0 20.1 30.1

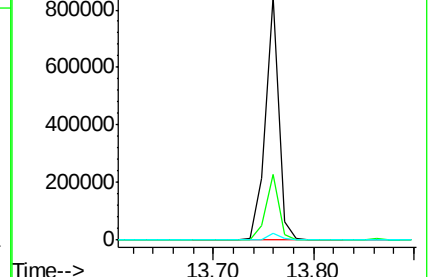
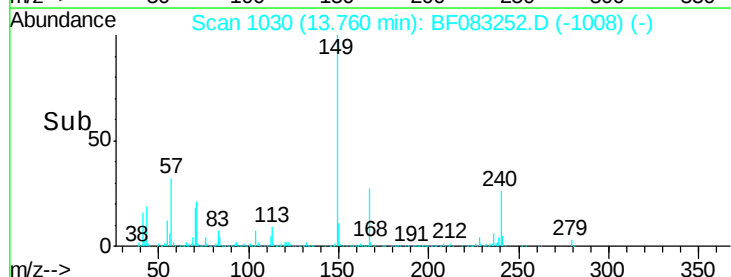
279 2.9 1.7 2.5#

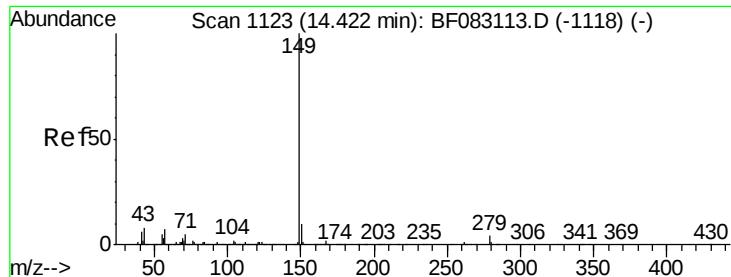


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 29.15 ng

RT: 14.37 min Scan# 1083

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

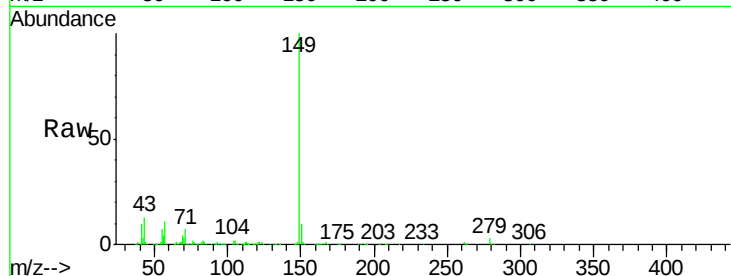
Tgt Ion:149 Resp: 1145475

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

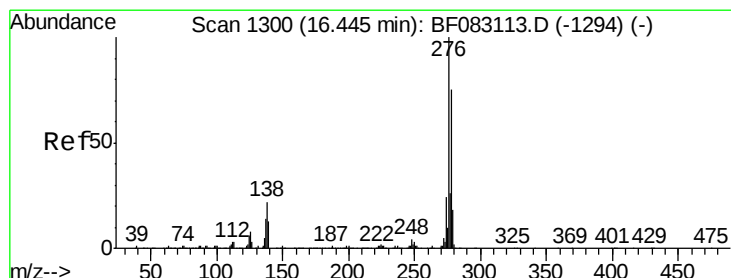
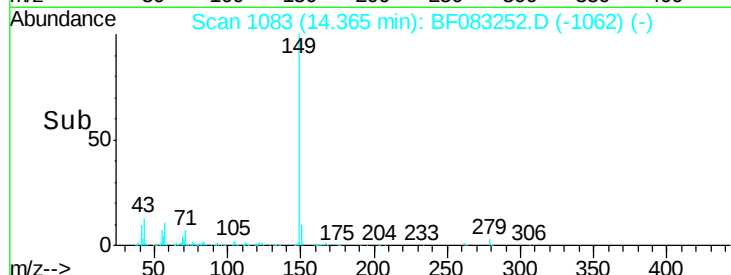
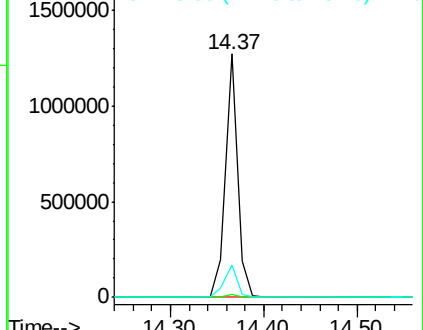
43 13.8 9.5 14.3



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: 30.32 ng

RT: 16.34 min Scan# 1256

Delta R.T. -0.10 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

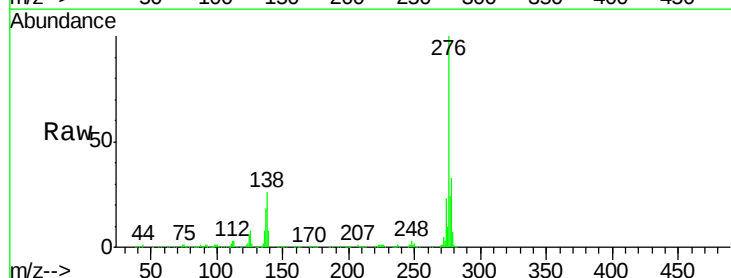
Tgt Ion:276 Resp: 854983

Ion Ratio Lower Upper

276 100

138 26.4 18.0 27.0

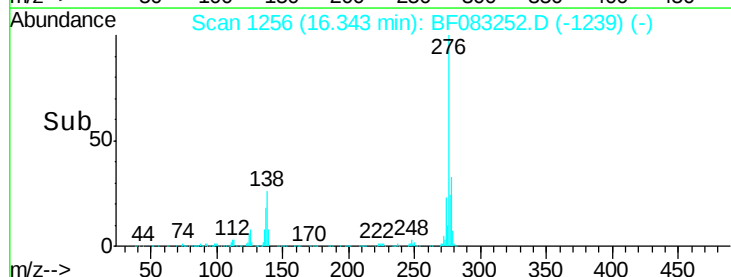
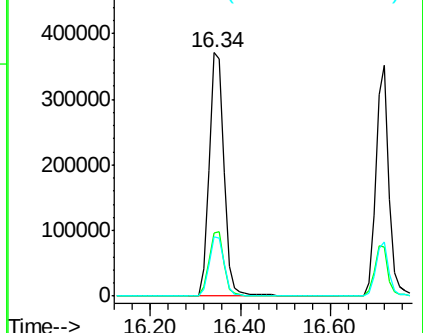
277 24.8 20.2 30.4

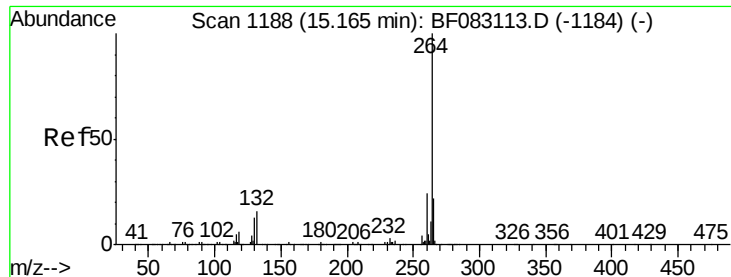


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



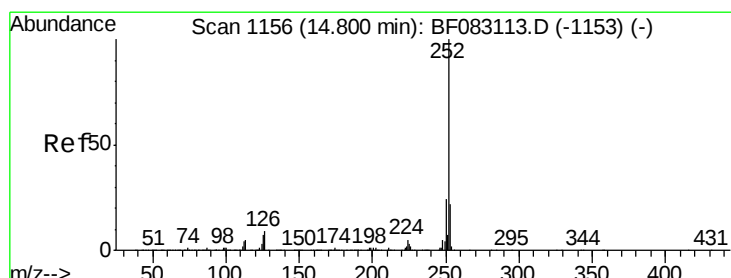
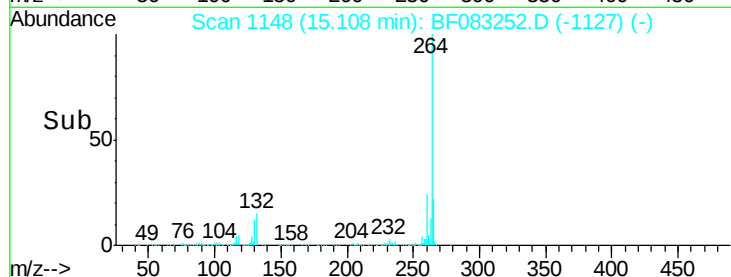
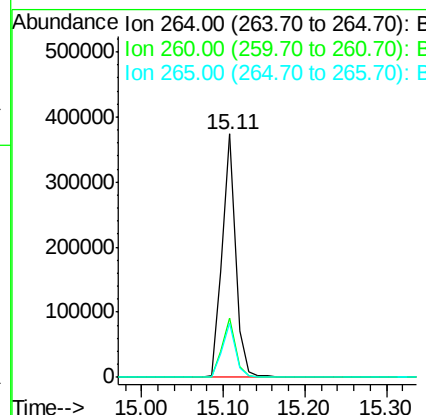
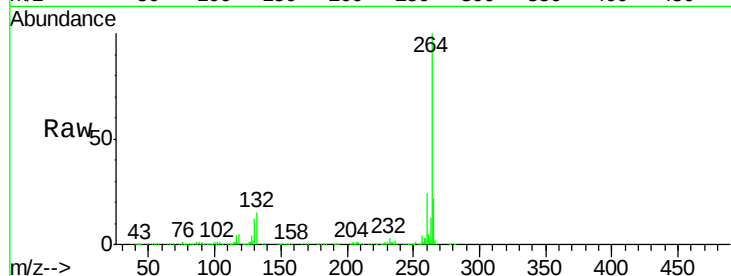


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion: 264 Resp: 431826

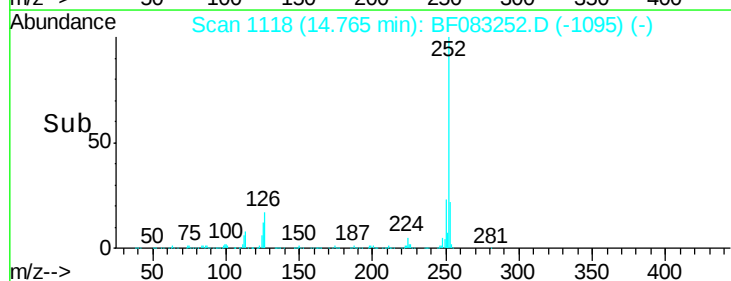
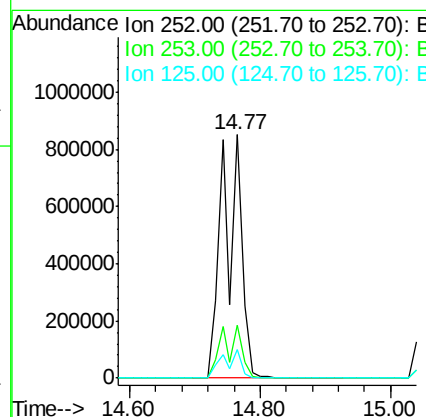
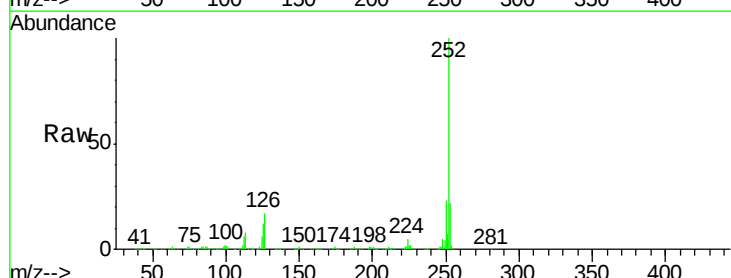
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	22.5	18.2	27.4

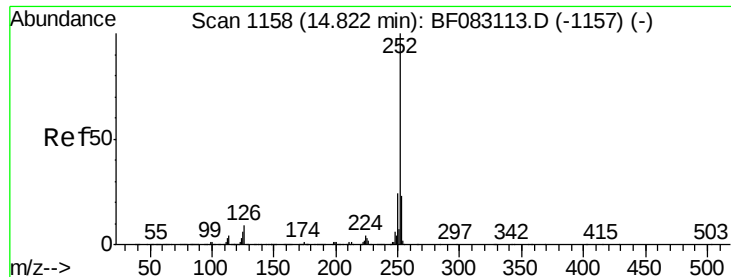


#87
Benzo(b)fluoranthene
Concen: 58.50 ng
RT: 14.77 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion: 252 Resp: 1725953

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	11.7	5.6	8.4

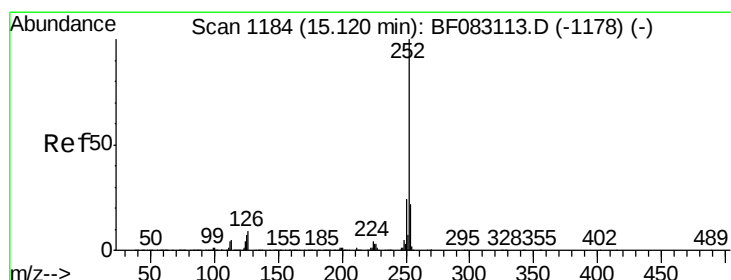
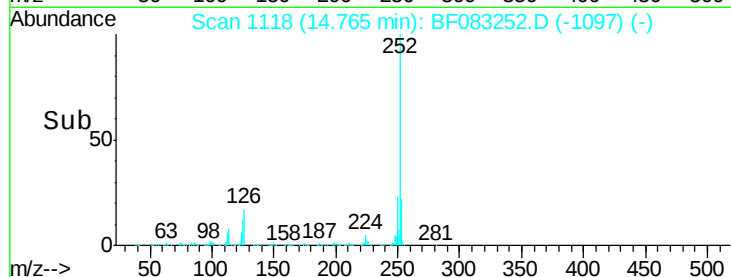
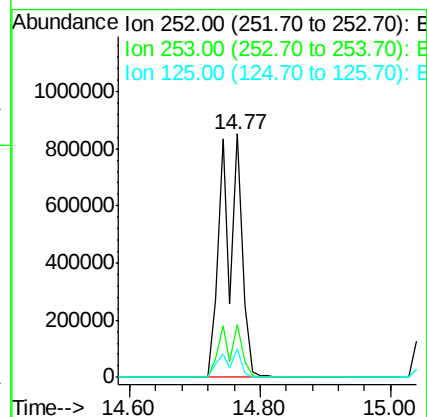
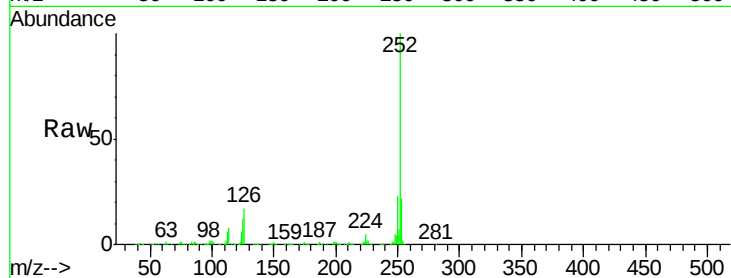




#88
Benzo(k)fluoranthene
Concen: 78.51 ng
RT: 14.77 min Scan# 1118
Delta R.T. -0.06 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

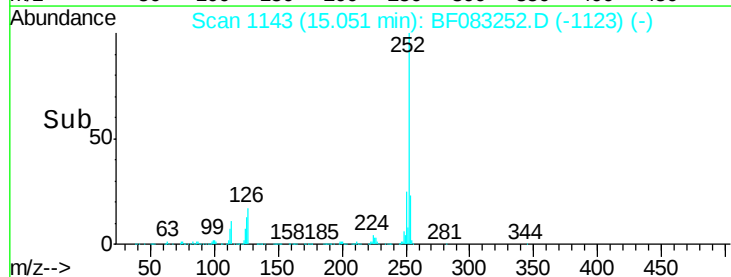
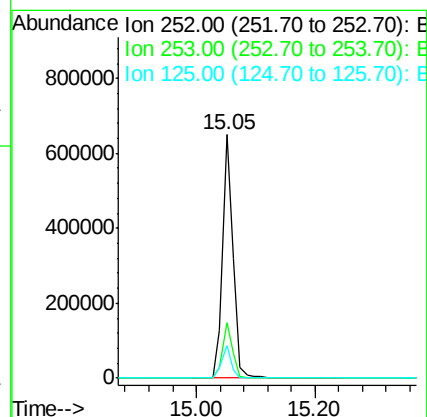
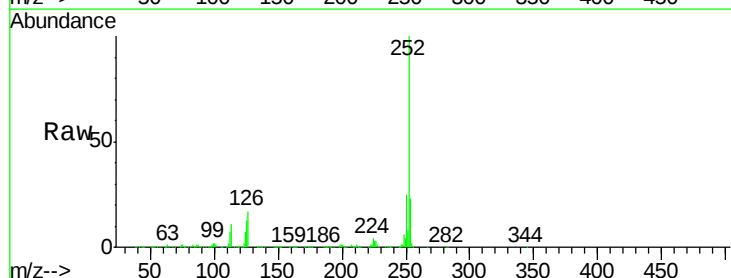
Instrument :
BNA_F
ClientSampleId :
PB86782BS

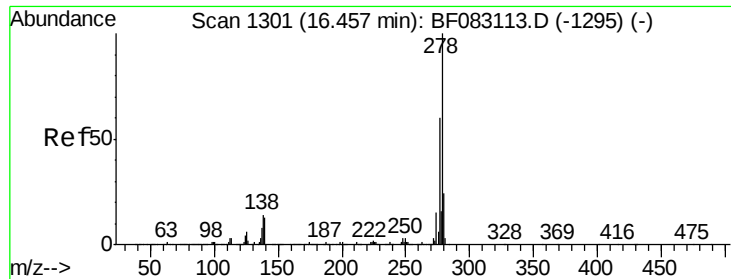
Tgt Ion:252 Resp: 1725953
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 11.7 6.8 10.2#



#89
Benzo(a)pyrene
Concen: 32.58 ng
RT: 15.05 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BF083252.D
Acq: 24 Nov 2015 22:39

Tgt Ion:252 Resp: 793715
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 13.4 5.4 8.0#





#90

Dibenzo(a,h)anthracene

Concen: 32.78 ng

RT: 16.37 min Scan# 1258

Delta R.T. -0.09 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

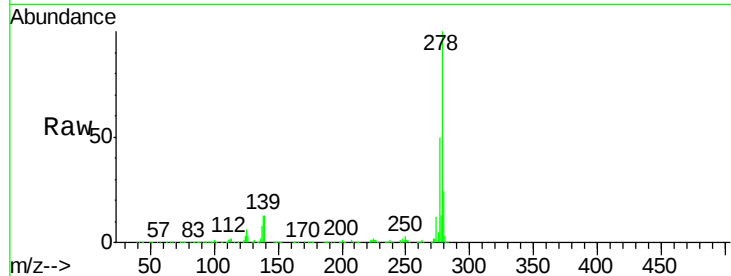
Tgt Ion:278 Resp: 725387

Ion Ratio Lower Upper

278 100

139 13.4 10.7 16.1

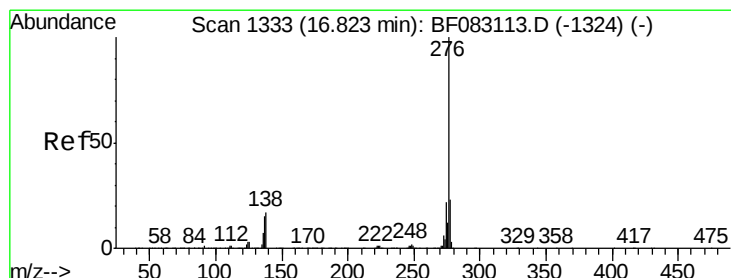
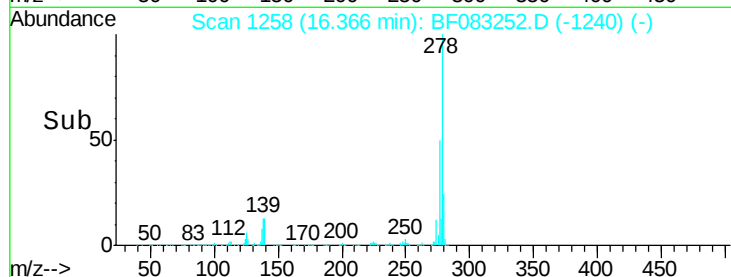
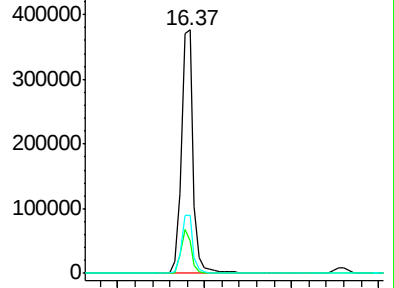
279 23.8 19.3 28.9



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: 33.15 ng

RT: 16.72 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

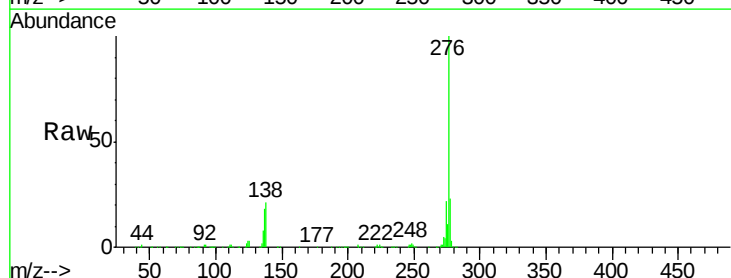
Tgt Ion:276 Resp: 716002

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 21.0 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

