

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078817.D
 Acq On : 29 Apr 2015 17:03
 Operator : TP/IZ
 Sample : PB83015BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

Quant Time: Apr 30 01:14:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	76774	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	314566	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	153995	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	285311	20.00	ng	0.00
75) Chrysene-d12	16.31	240	310510	20.00	ng	0.01
86) Perylene-d12	18.13	264	299704	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	541839	129.63	ng	0.00
7) Phenol-d6	6.92	99	681361	122.05	ng	0.00
23) Nitrobenzene-d5	8.07	82	368004	84.23	ng	0.00
41) 2,4,6-Tribromophenol	12.12	330	198382	129.59	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	839464	74.65	ng	0.00
78) Terphenyl-d14	14.98	244	961382	73.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	61970	32.31	ng	# 21
3) Pyridine	3.14	79	191720	33.85	ng	97
4) n-Nitrosodimethylamine	3.05	42	92089	36.19	ng	95
6) Aniline	6.97	93	180716	22.16	ng	97
8) 2-Chlorophenol	7.11	128	198711	41.36	ng	94
9) Benzaldehyde	6.83	77	13184	3.27	ng	89
10) Phenol	6.95	94	254417	38.56	ng	93
11) bis(2-Chloroethyl)ether	7.07	93	189321	38.79	ng	89
12) 1,3-Dichlorobenzene	7.31	146	203627	36.50	ng	# 90
13) 1,4-Dichlorobenzene	7.40	146	215900	37.80	ng	97
14) 1,2-Dichlorobenzene	7.59	146	201257	37.71	ng	97
15) Benzyl Alcohol	7.55	79	161450	38.81	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.74	45	296275	38.84	ng	98
17) 2-Methylphenol	7.69	107	159864	41.10	ng	95
18) Hexachloroethane	8.01	117	71806	38.06	ng	92
19) n-Nitroso-di-n-propylamine	7.90	70	152515	39.15	ng	# 87
20) 3+4-Methylphenols	7.88	107	216620	42.75	ng	90
22) Acetophenone	7.88	105	281303	40.36	ng	# 91
24) Nitrobenzene	8.09	77	203108	43.41	ng	94
25) Isophorone	8.40	82	382366	38.71	ng	# 92
26) 2-Nitrophenol	8.49	139	74529	54.23	ng	# 88
27) 2,4-Dimethylphenol	8.55	122	182333	41.61	ng	96
28) bis(2-Chloroethoxy)methane	8.67	93	254573	41.74	ng	99
29) 2,4-Dichlorophenol	8.78	162	160908	42.96	ng	94
30) 1,2,4-Trichlorobenzene	8.89	180	166844	38.79	ng	96
31) Naphthalene	8.98	128	564068	37.78	ng	99
32) Benzoic acid	8.63	122	75544	56.81	ng	96
33) 4-Chloroaniline	9.05	127	115460	18.38	ng	95
34) Hexachlorobutadiene	9.14	225	94251	38.84	ng	97
35) Caprolactam	9.47	113	51228	42.96	ng	94
36) 4-Chloro-3-methylphenol	9.66	107	176543	44.90	ng	90
37) 2-Methylnaphthalene	9.85	142	413372	41.15	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	161973	37.12	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	168874	92.08	ng	94

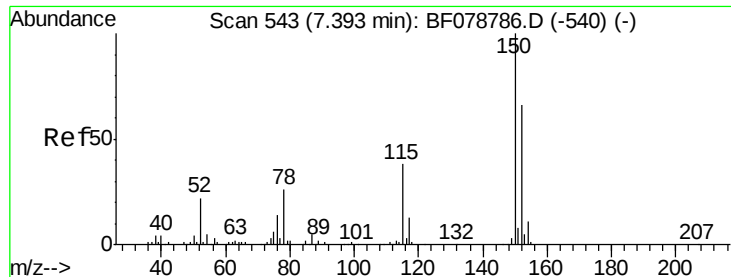
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078817.D
 Acq On : 29 Apr 2015 17:03
 Operator : TP/IZ
 Sample : PB83015BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

Quant Time: Apr 30 01:14:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	109875	41.33	ng	95
43) 2,4,5-Trichlorophenol	10.24	196	116856	41.30	ng #	90
45) 1,1'-Biphenyl	10.43	154	474437	38.39	ng	96
46) 2-Chloronaphthalene	10.46	162	366069	37.90	ng	93
47) 2-Nitroaniline	10.57	65	98710	46.79	ng #	84
48) Acenaphthylene	10.96	152	599429	37.93	ng	100
49) Dimethylphthalate	10.81	163	421005	38.46	ng	99
50) 2,6-Dinitrotoluene	10.89	165	81610	45.76	ng #	65
51) Acenaphthene	11.18	154	353839	38.12	ng	99
52) 3-Nitroaniline	11.08	138	68327	29.53	ng	85
53) 2,4-Dinitrophenol	11.22	184	40926	143.55	ng #	76
54) Dibenzofuran	11.39	168	523284	38.43	ng	97
55) 4-Nitrophenol	11.28	139	164836	88.06	ng #	65
56) 2,4-Dinitrotoluene	11.38	165	113607	51.68	ng #	71
57) Fluorene	11.82	166	434833	39.95	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.54	232	94877	44.77	ng #	100
59) Diethylphthalate	11.69	149	436808	40.10	ng	96
60) 4-Chlorophenyl-phenylether	11.83	204	193695	39.99	ng	93
61) 4-Nitroaniline	11.84	138	94142	40.66	ng	94
62) Azobenzene	12.02	77	463563	41.73	ng	94
64) 4,6-Dinitro-2-methylphenol	11.88	198	30108	59.13	ng #	61
65) n-Nitrosodiphenylamine	11.98	169	380063	41.20	ng	98
66) 4-Bromophenyl-phenylether	12.43	248	115046	39.95	ng #	83
67) Hexachlorobenzene	12.50	284	131254	40.23	ng #	78
68) Atrazine	12.65	200	114188	46.22	ng	94
69) Pentachlorophenol	12.74	266	146648	84.38	ng	97
70) Phenanthrene	13.02	178	640166	41.44	ng	100
71) Anthracene	13.09	178	644043	42.64	ng	99
72) Carbazole	13.28	167	614483	43.09	ng	98
73) Di-n-butylphthalate	13.74	149	701354	42.45	ng #	98
74) Fluoranthene	14.50	202	681625	44.25	ng	92
76) Benzidine	14.67	184	233130	23.19	ng	99
77) Pyrene	14.78	202	717578	39.55	ng	99
79) Butylbenzylphthalate	15.61	149	298431	42.90	ng	90
80) Benzo(a)anthracene	16.30	228	666608	40.01	ng	99
81) 3,3'-Dichlorobenzidine	16.27	252	163222	28.78	ng	99
82) Chrysene	16.34	228	631448	38.88	ng	99
83) Bis(2-ethylhexyl)phthalate	16.35	149	456221	40.85	ng	99
84) Di-n-octyl phthalate	17.19	149	753655	42.51	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.66	276	771638	41.89	ng #	100
87) Benzo(b)fluoranthene	17.66	252	769964	47.46	ng	98
88) Benzo(k)fluoranthene	17.69	252	559688	35.60	ng	98
89) Benzo(a)pyrene	18.06	252	630099	43.41	ng #	95
90) Dibenzo(a,h)anthracene	19.69	278	632070	42.04	ng	98
91) Benzo(g,h,i)perylene	20.11	276	644033	42.68	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

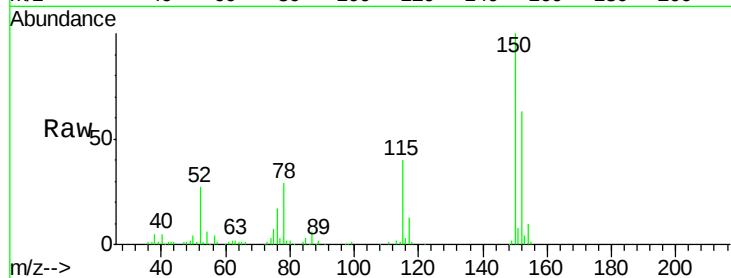
Tgt Ion:152 Resp: 76774

Ion Ratio Lower Upper

152 100

150 157.6 122.0 183.0

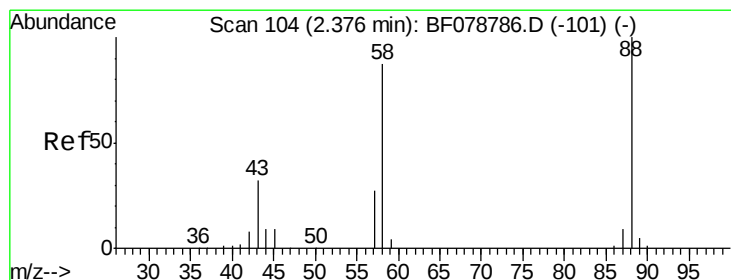
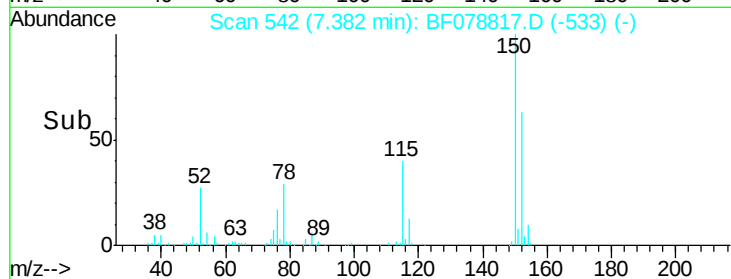
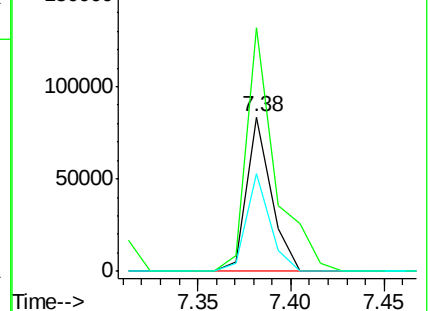
115 63.4 46.3 69.5



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: 32.31 ng

RT: 2.38 min Scan# 104

Delta R.T. 0.01 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

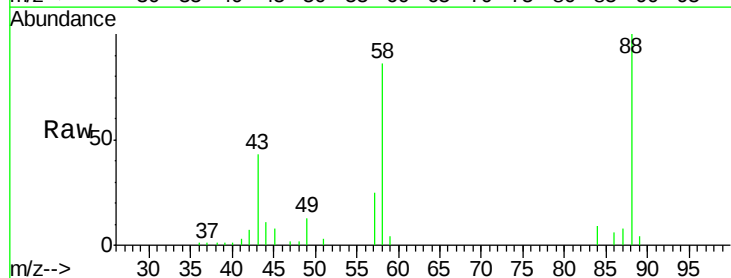
Tgt Ion: 88 Resp: 61970

Ion Ratio Lower Upper

88 100

58 85.0 0.0 0.0#

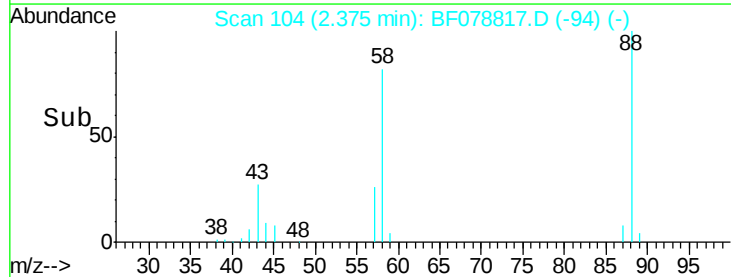
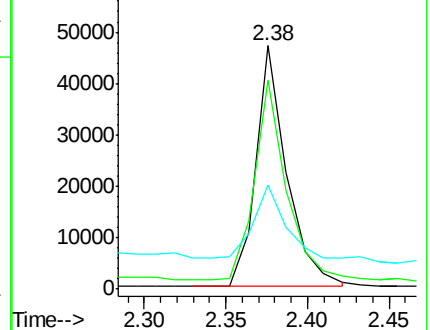
43 30.1 3.3 4.9#

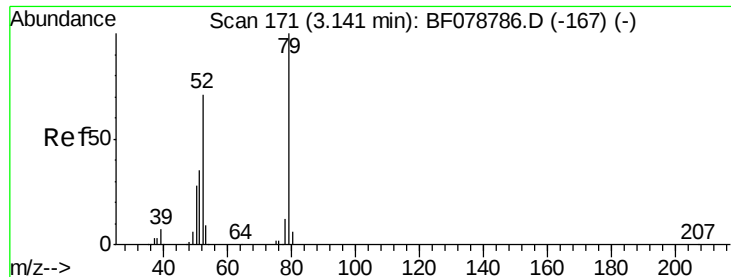


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.85 ng

RT: 3.14 min Scan# 171

Delta R.T. 0.02 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

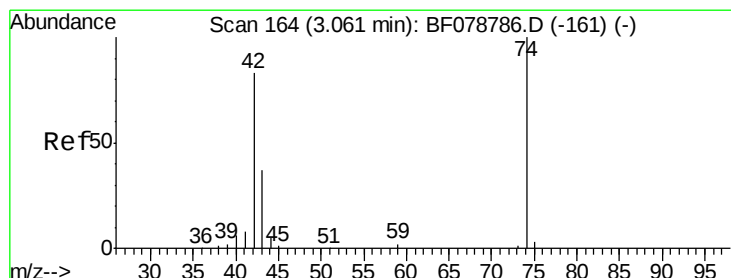
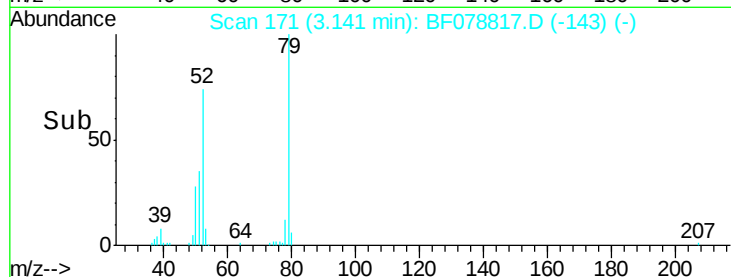
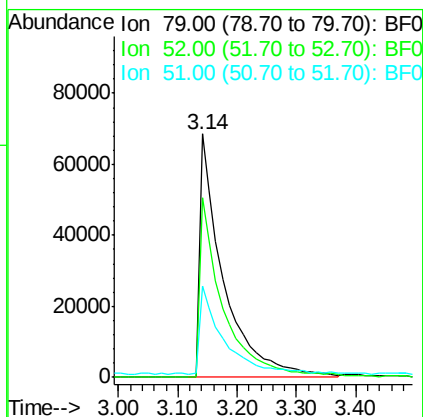
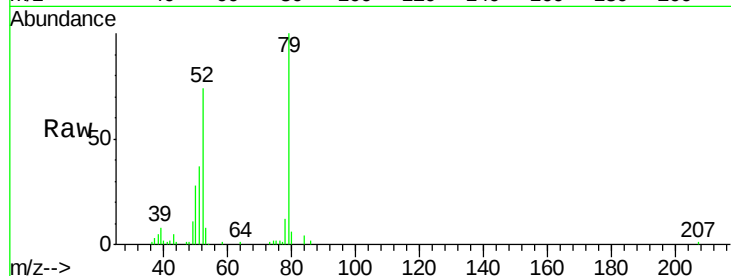
Tgt Ion: 79 Resp: 191720

Ion Ratio Lower Upper

79 100

52 73.8 57.2 85.8

51 37.3 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 36.19 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

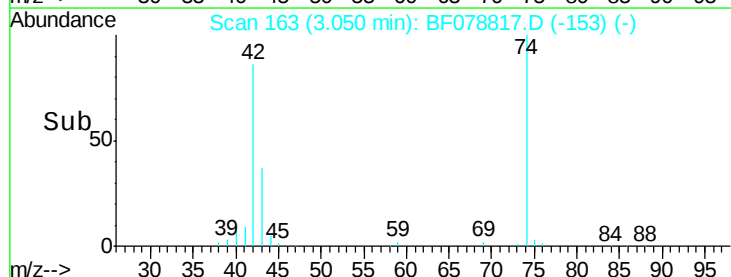
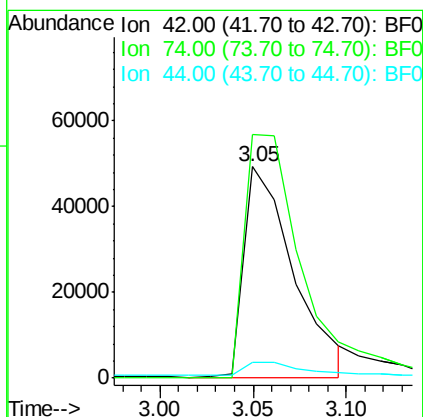
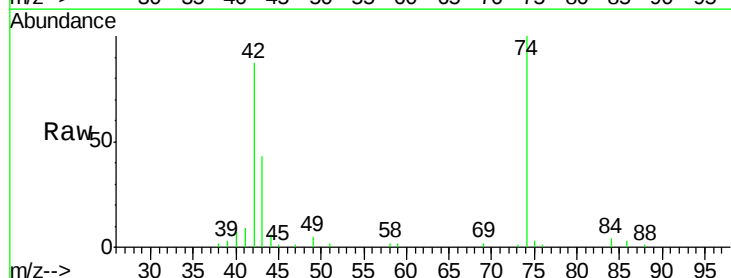
Tgt Ion: 42 Resp: 92089

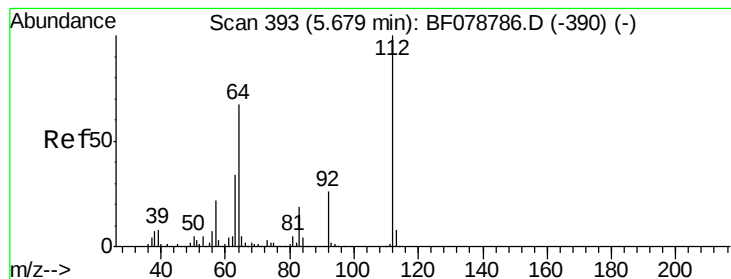
Ion Ratio Lower Upper

42 100

74 115.1 96.5 144.7

44 7.4 6.1 9.1





#5

2-Fluorophenol

Concen: 129.63 ng

RT: 5.68 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

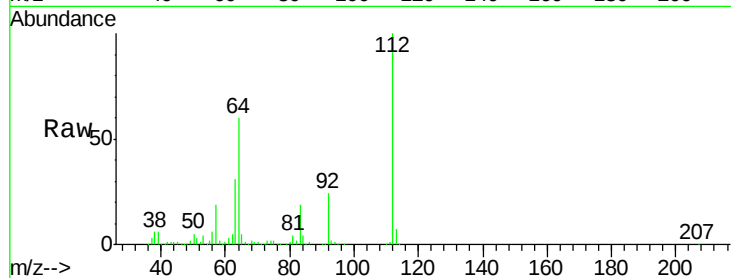
Tgt Ion: 112 Resp: 541839

Ion Ratio Lower Upper

112 100

64 59.7 53.5 80.3

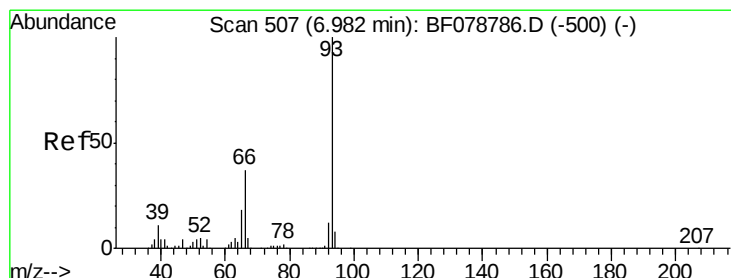
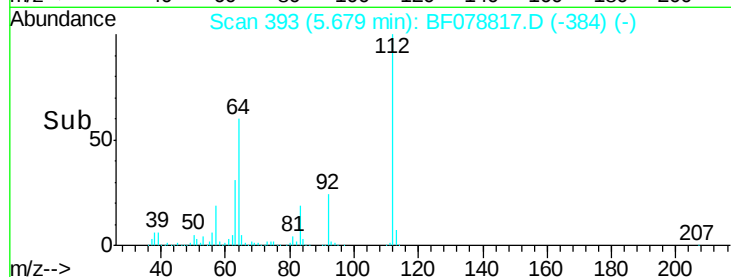
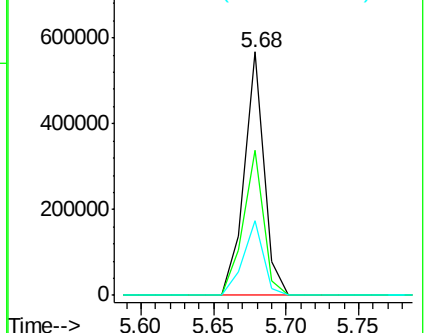
63 30.6 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): BFO

Ion 64.00 (63.70 to 64.70): BFO

Ion 63.00 (62.70 to 63.70): BFO



#6

Aniline

Concen: 22.16 ng

RT: 6.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

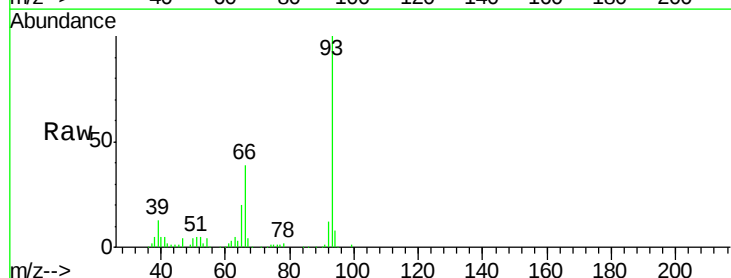
Tgt Ion: 93 Resp: 180716

Ion Ratio Lower Upper

93 100

66 38.6 29.7 44.5

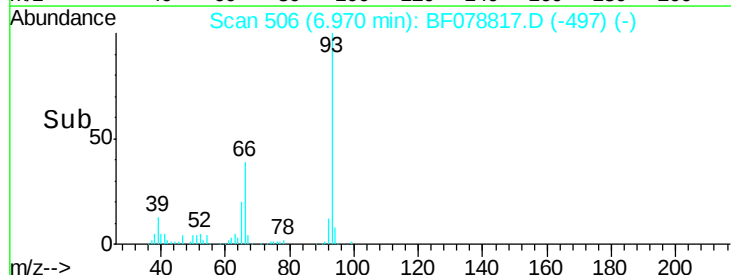
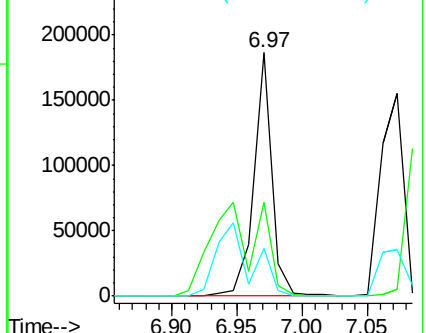
65 19.6 14.6 22.0

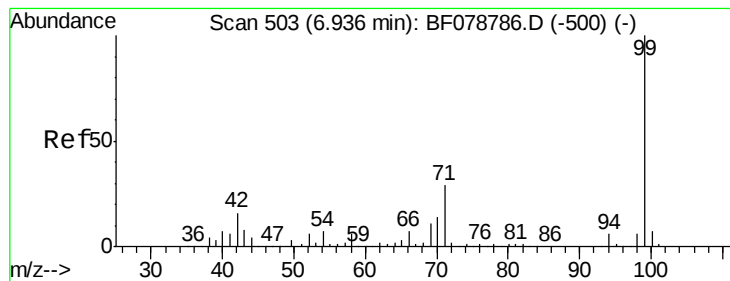


Abundance Ion 93.00 (92.70 to 93.70): BFO

Ion 66.00 (65.70 to 66.70): BFO

Ion 65.00 (64.70 to 65.70): BFO





#7

Phenol-d6

Concen: 122.05 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

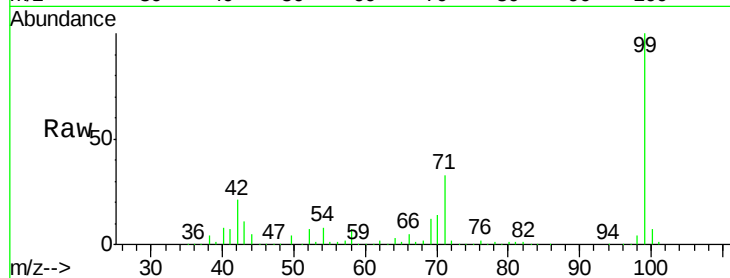
Tgt Ion: 99 Resp: 681361

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

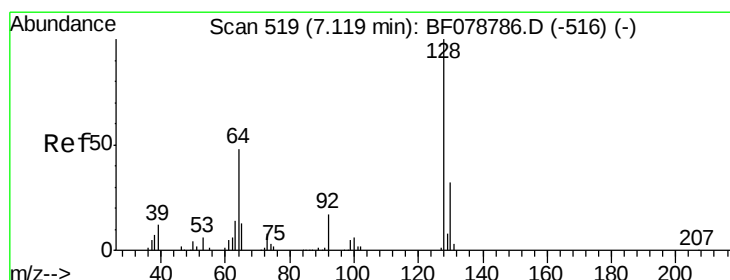
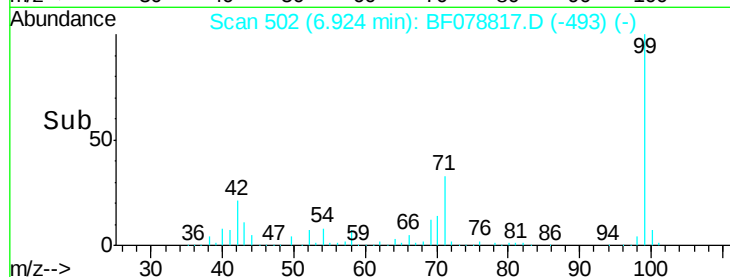
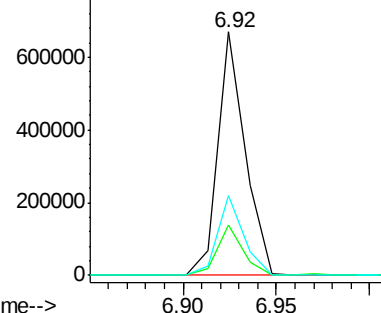
71 32.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.36 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

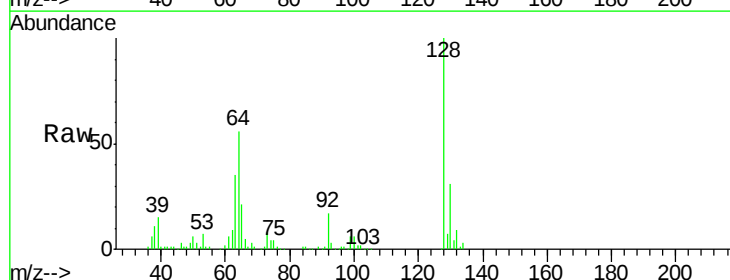
Tgt Ion: 128 Resp: 198711

Ion Ratio Lower Upper

128 100

130 31.0 12.1 52.1

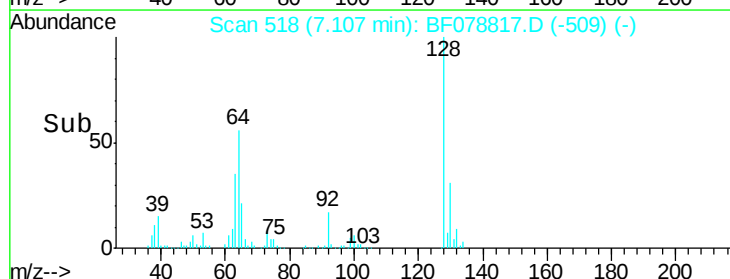
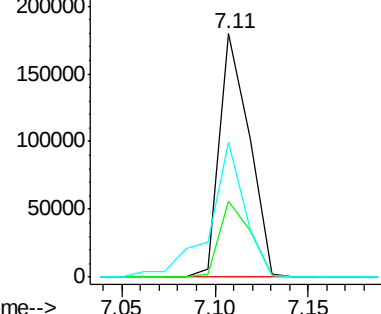
64 55.6 29.6 69.6

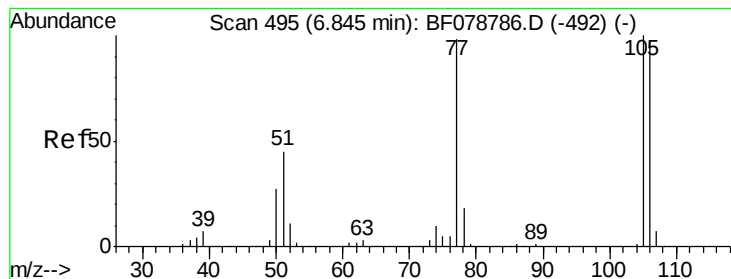


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.27 ng

RT: 6.83 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

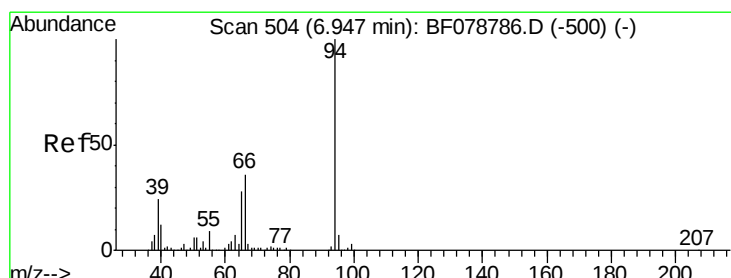
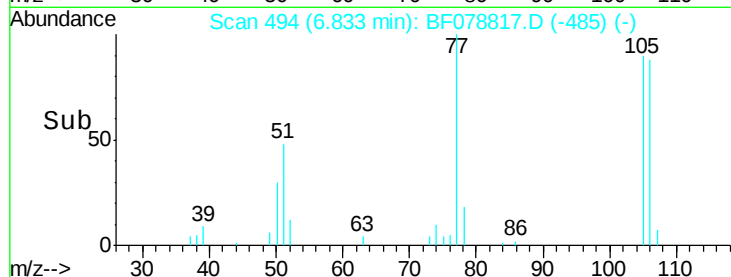
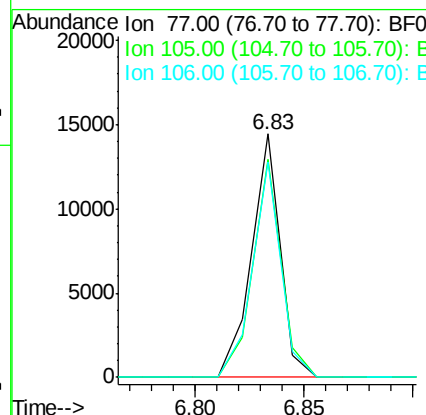
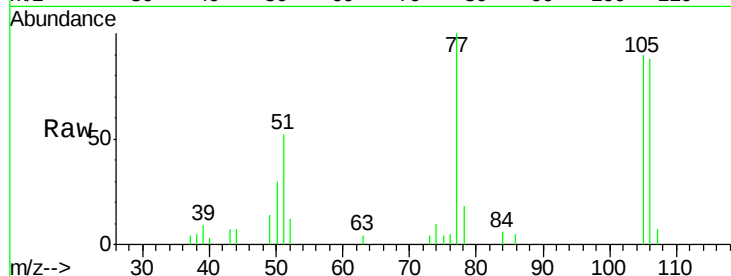
Tgt Ion: 77 Resp: 13184

Ion Ratio Lower Upper

77 100

105 89.6 81.7 121.7

106 88.3 79.0 119.0



#10

Phenol

Concen: 38.56 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

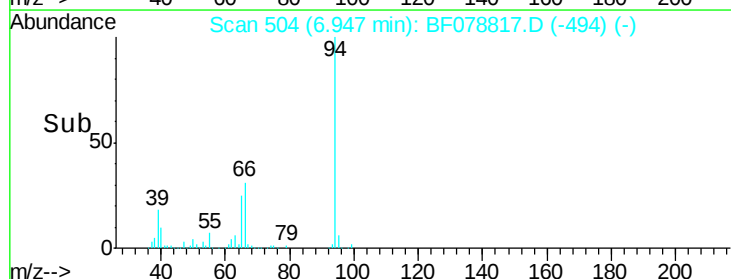
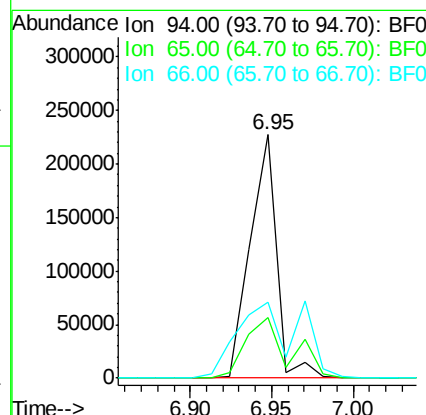
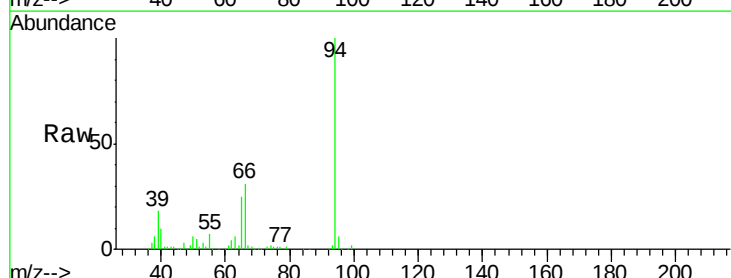
Tgt Ion: 94 Resp: 254417

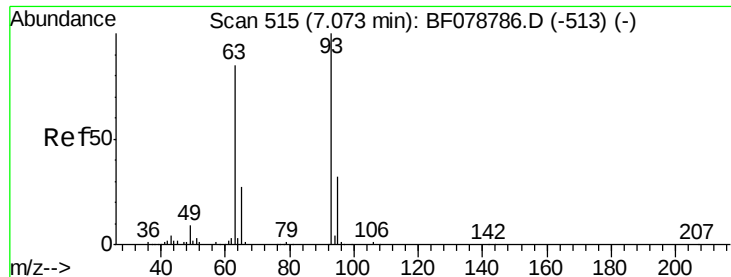
Ion Ratio Lower Upper

94 100

65 24.7 8.5 48.5

66 31.4 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 38.79 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

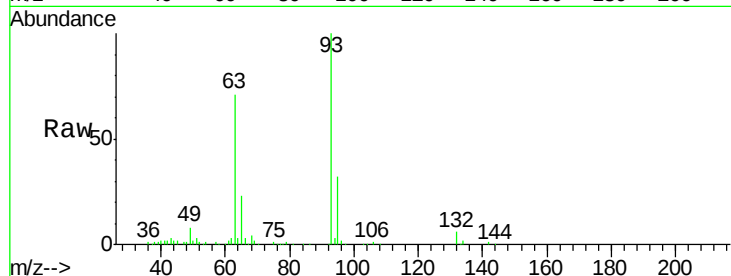
Tgt Ion: 93 Resp: 189321

Ion Ratio Lower Upper

93 100

63 70.6 64.8 104.8

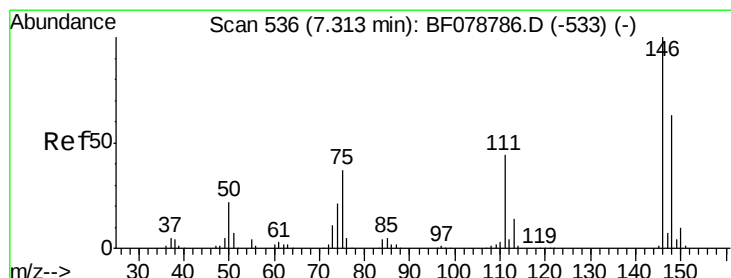
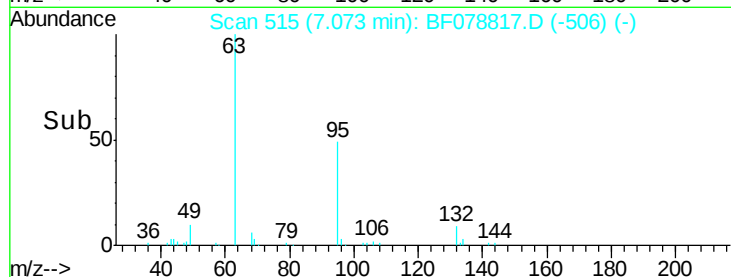
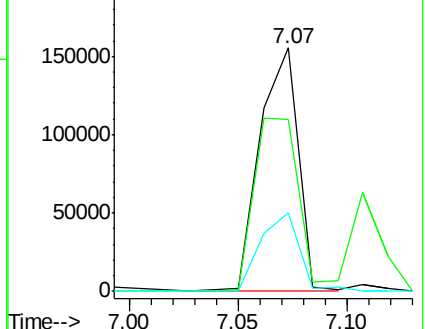
95 32.2 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.50 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

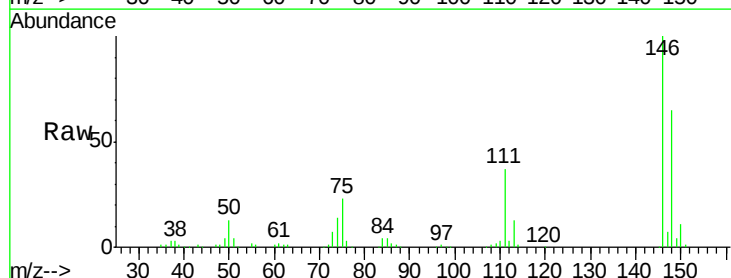
Tgt Ion: 146 Resp: 203627

Ion Ratio Lower Upper

146 100

148 65.1 50.2 75.2

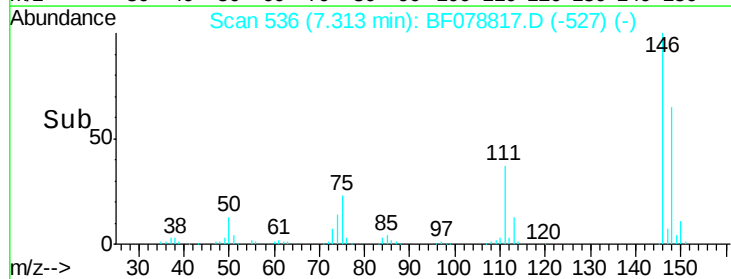
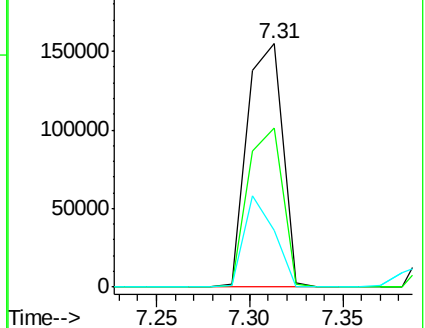
75 23.2 29.2 43.8#

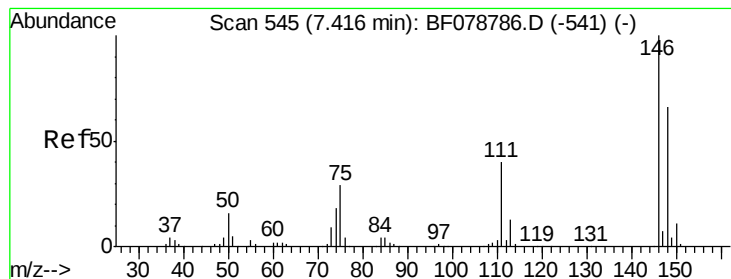


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.80 ng

RT: 7.40 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

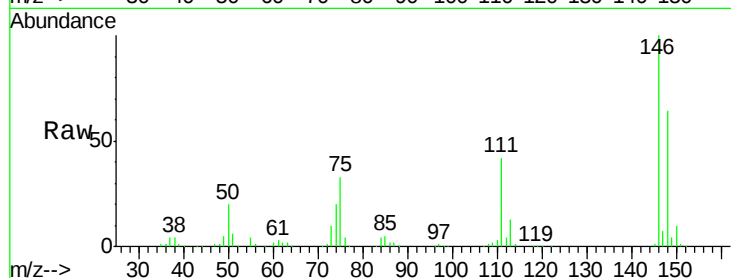
Tgt Ion:146 Resp: 215900

Ion Ratio Lower Upper

146 100

148 64.0 52.8 79.2

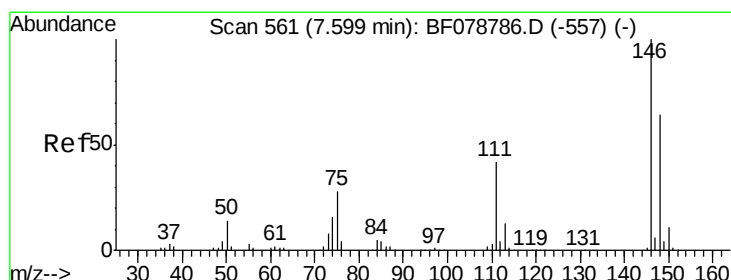
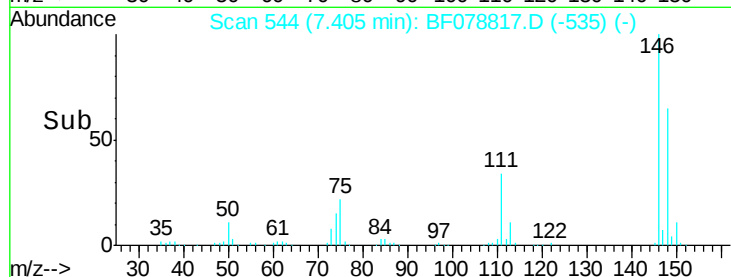
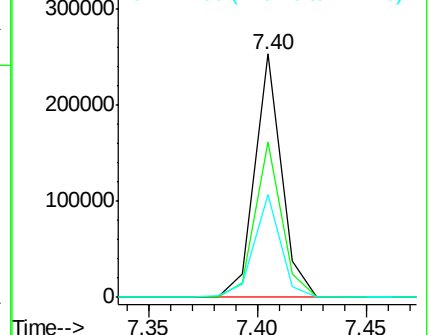
111 42.1 31.7 47.5



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: 37.71 ng

RT: 7.59 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

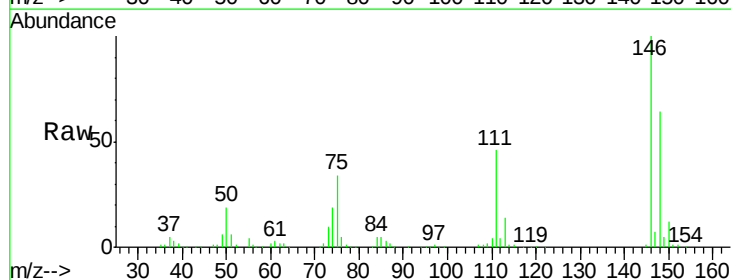
Tgt Ion:146 Resp: 201257

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

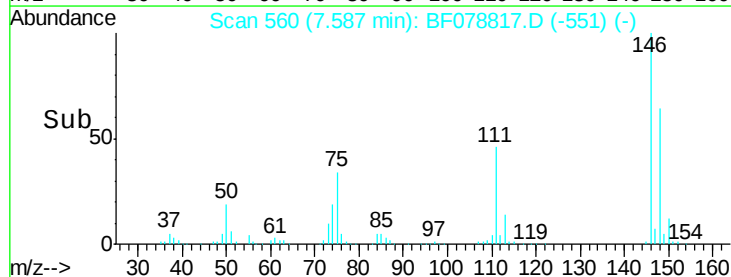
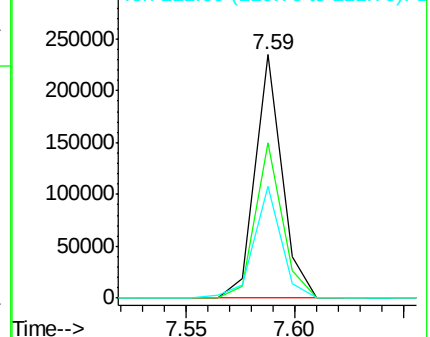
111 46.1 33.3 49.9

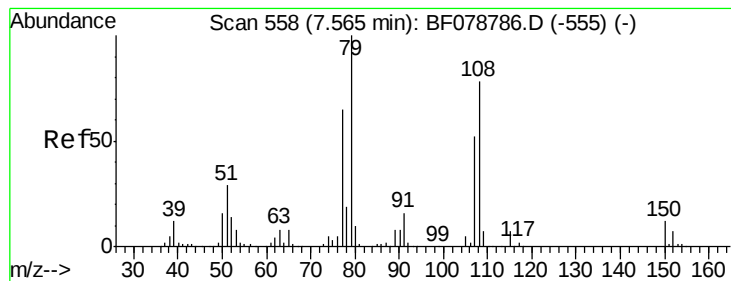


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.81 ng

RT: 7.55 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

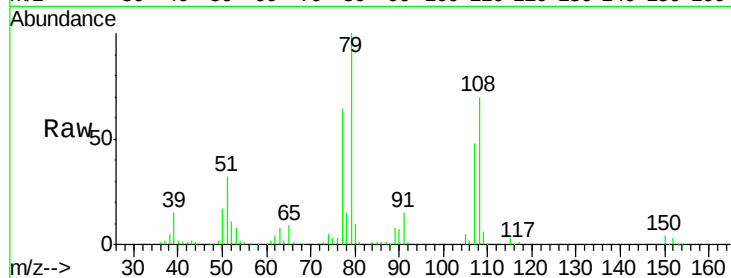
Tgt Ion: 79 Resp: 161450

Ion Ratio Lower Upper

79 100

108 70.4 62.5 93.7

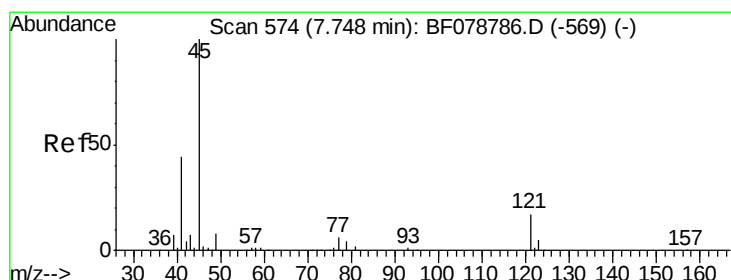
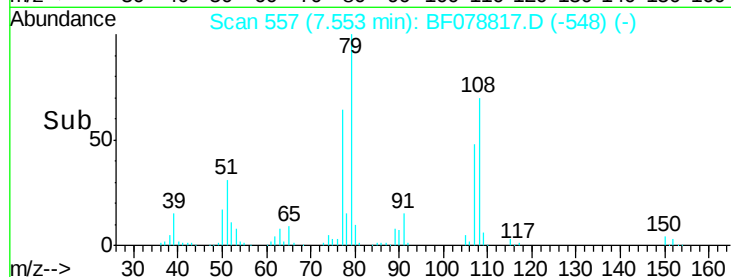
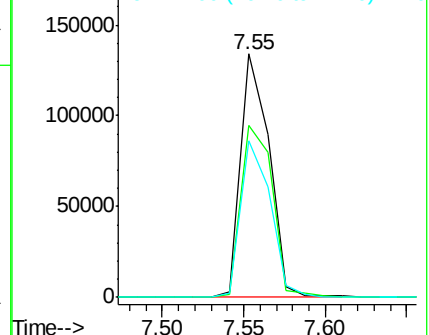
77 64.3 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.84 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

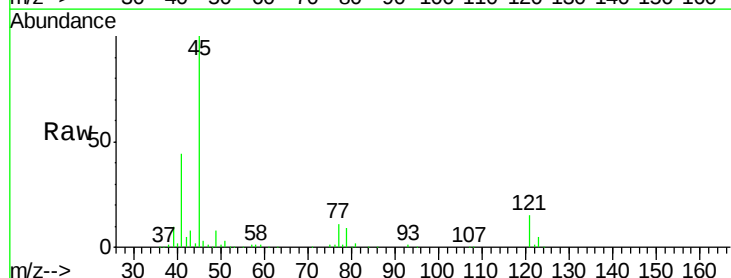
Tgt Ion: 45 Resp: 296275

Ion Ratio Lower Upper

45 100

77 11.4 0.0 32.3

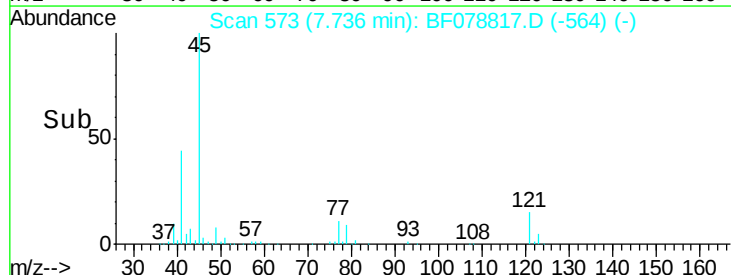
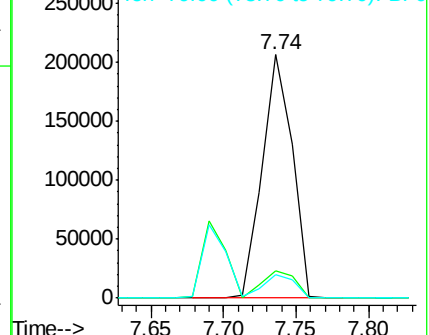
79 9.4 0.0 30.1

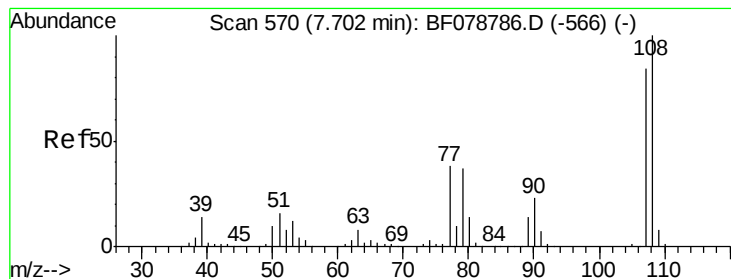


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.10 ng

RT: 7.69 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

Tgt Ion:107 Resp: 159864

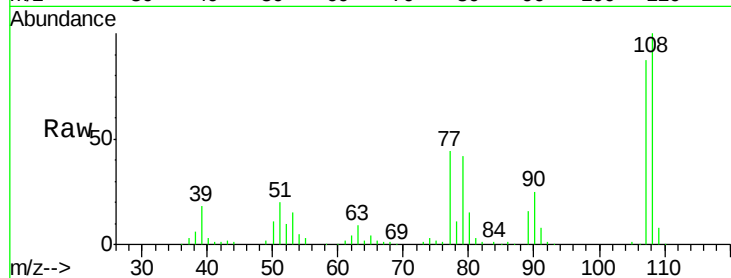
Ion Ratio Lower Upper

107 100

108 115.3 94.9 142.3

77 51.0 36.2 54.4

79 48.6 35.2 52.8

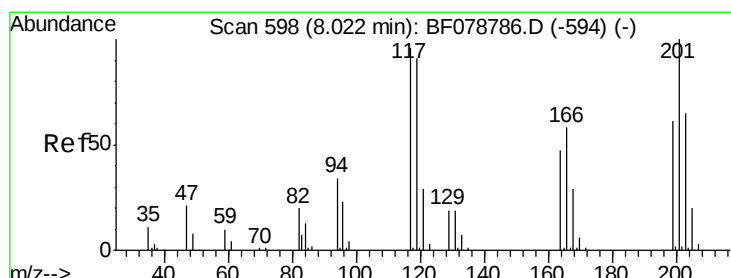
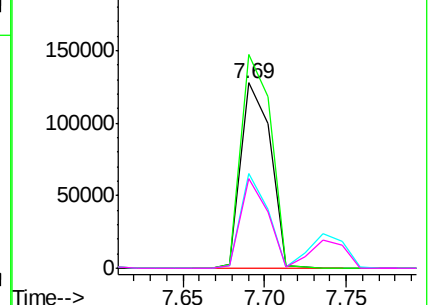
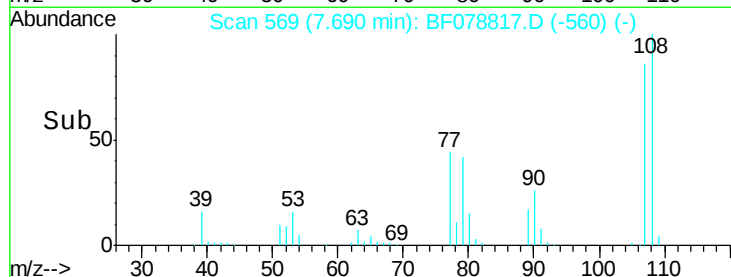


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.06 ng

RT: 8.01 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

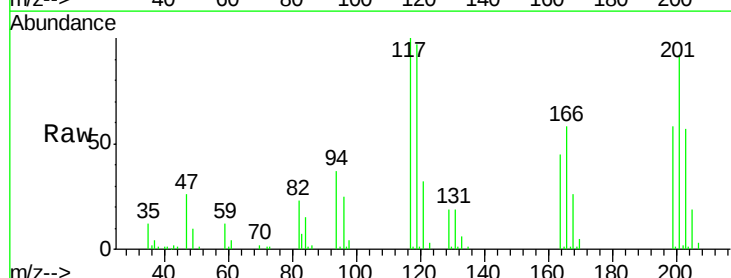
Tgt Ion:117 Resp: 71806

Ion Ratio Lower Upper

117 100

119 96.6 75.4 113.0

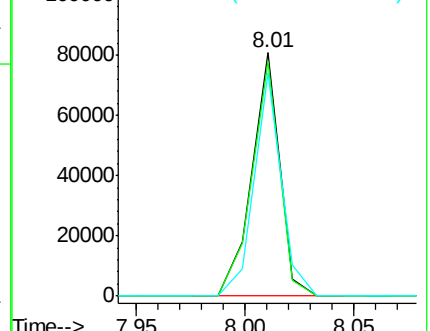
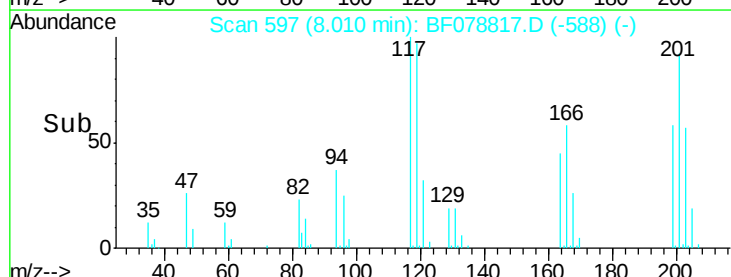
201 91.6 83.2 124.8

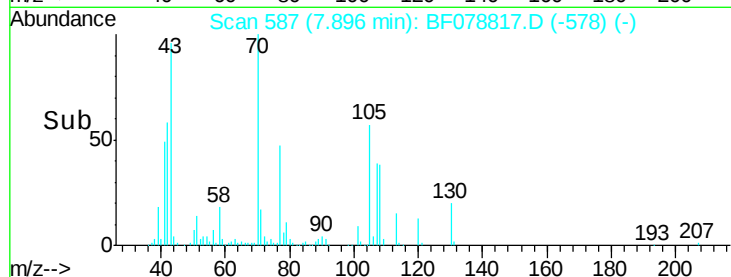
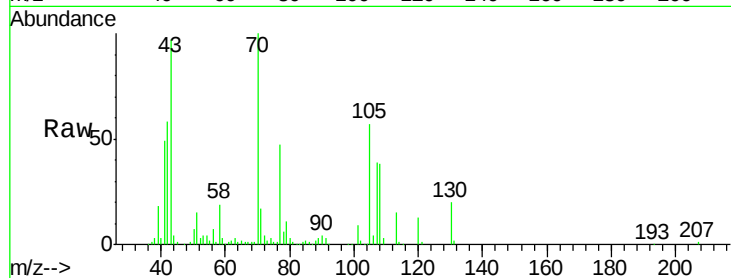
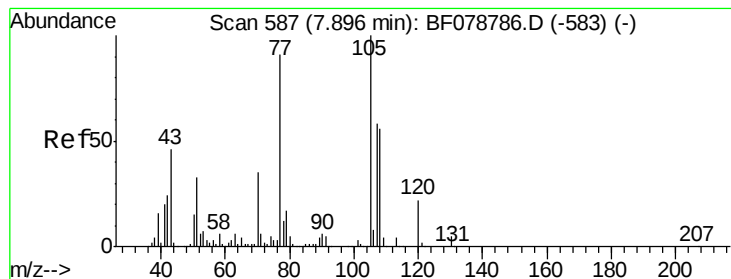


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.15 ng

RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

Tgt Ion: 70 Resp: 152515

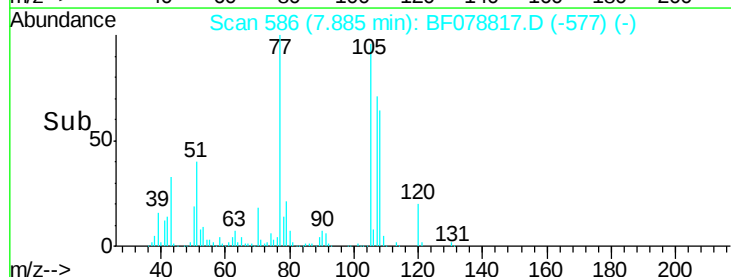
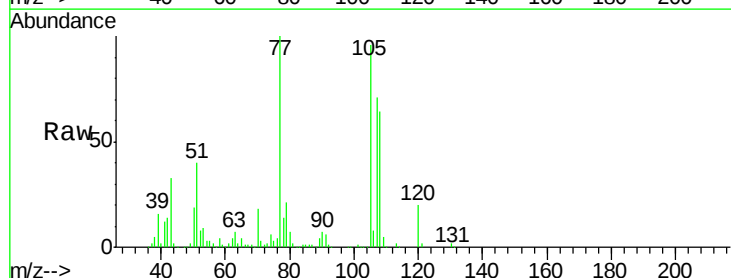
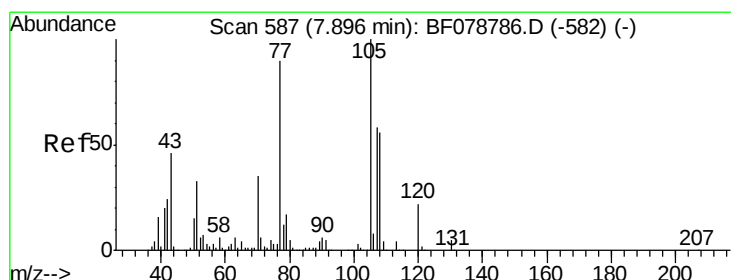
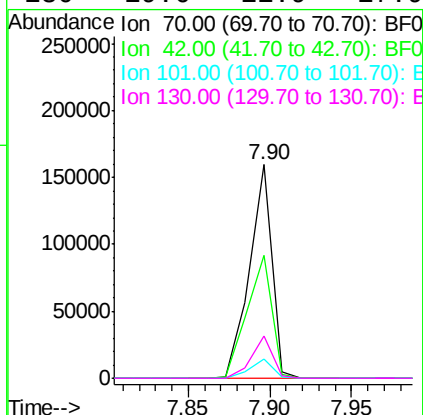
Ion Ratio Lower Upper

70 100

42 57.8 55.4 83.0

101 9.2 6.6 10.0

130 19.6 11.9 17.9#



#20

3+4-Methylphenols

Concen: 42.75 ng

RT: 7.88 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Tgt Ion: 107 Resp: 216620

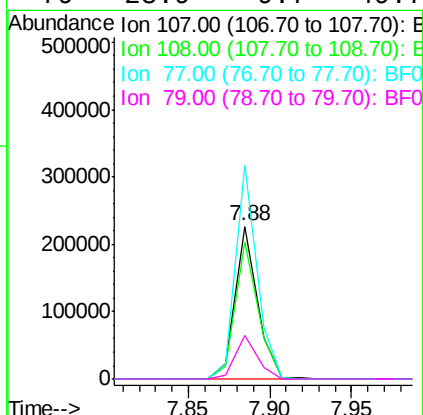
Ion Ratio Lower Upper

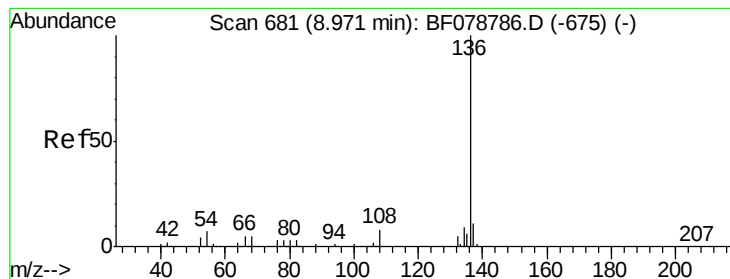
107 100

108 90.3 76.9 116.9

77 140.1 136.8 176.8

79 28.9 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

Tgt Ion:136 Resp: 314566

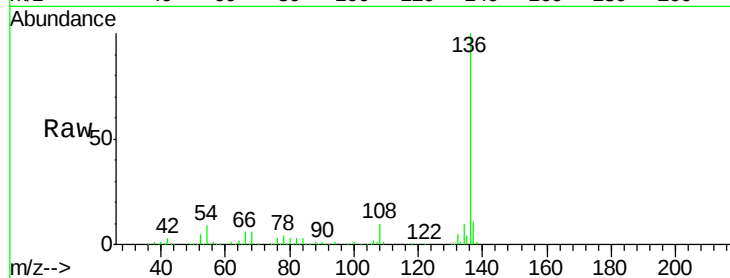
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.1 5.8 8.8#

68 6.3 4.2 6.4

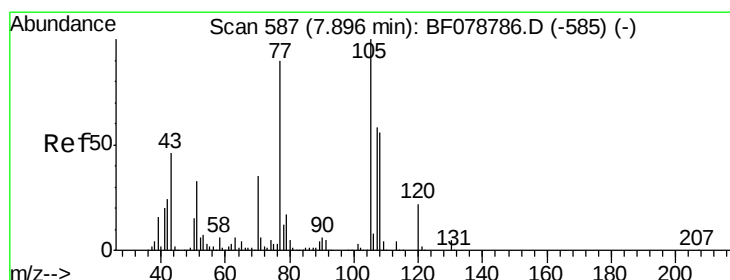
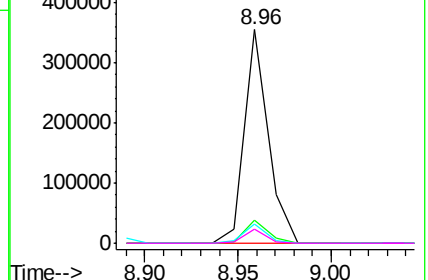
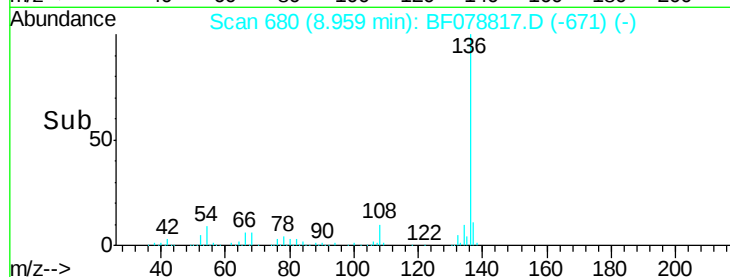


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.36 ng

RT: 7.88 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Tgt Ion:105 Resp: 281303

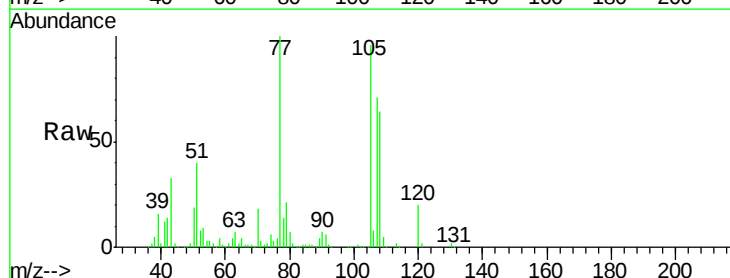
Ion Ratio Lower Upper

105 100

71 3.2 4.6 6.8#

51 41.8 26.7 40.1#

120 20.9 17.4 26.0

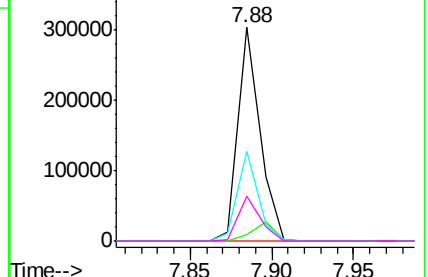
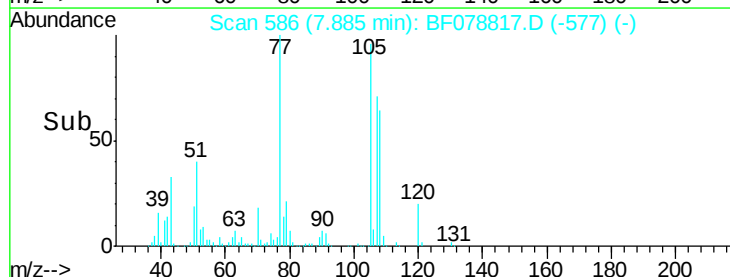


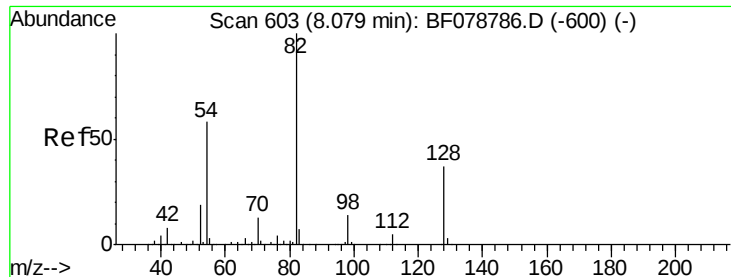
Abundance Ion 105.00 (104.70 to 105.70): E

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

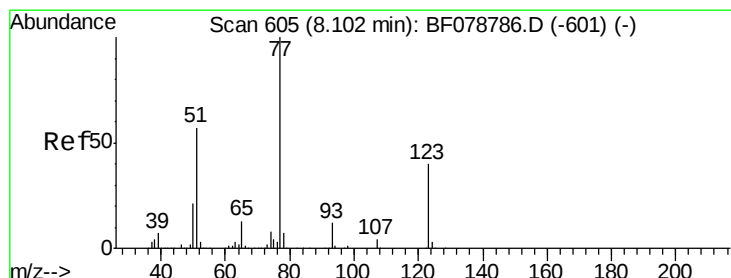
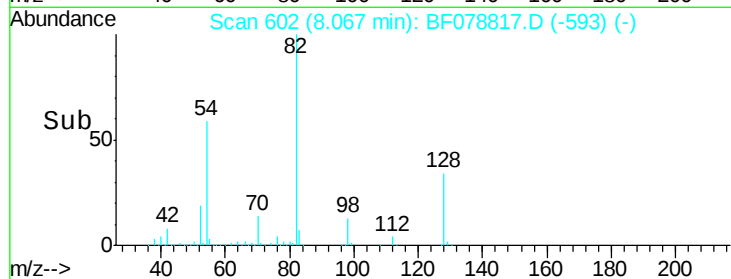
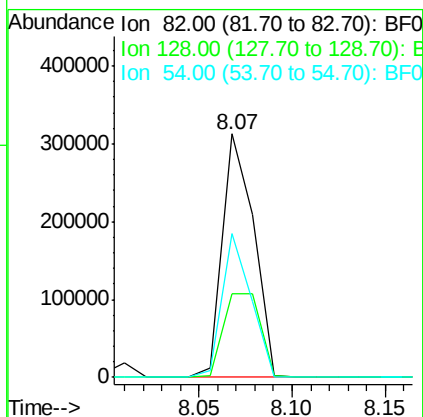
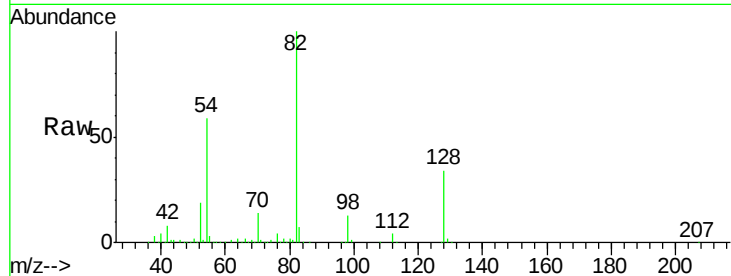




#23
 Nitrobenzene-d5
 Concen: 84.23 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

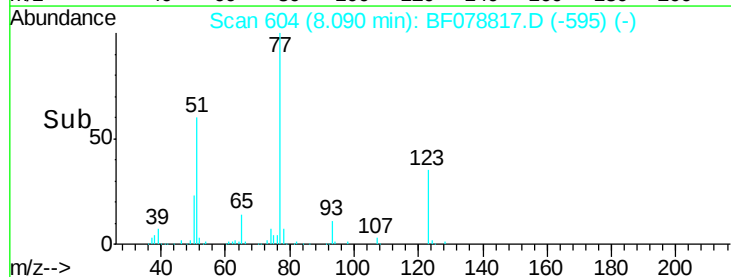
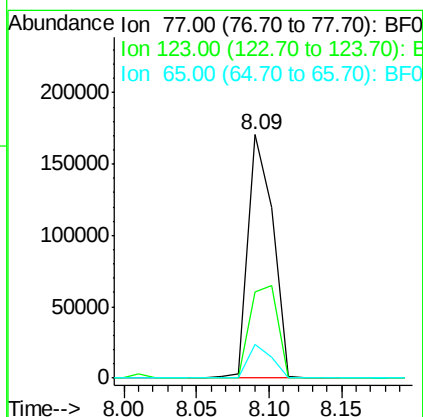
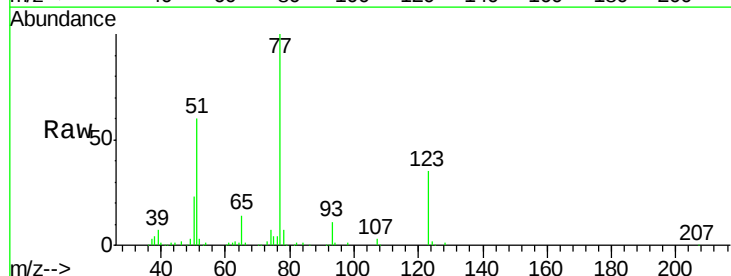
Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

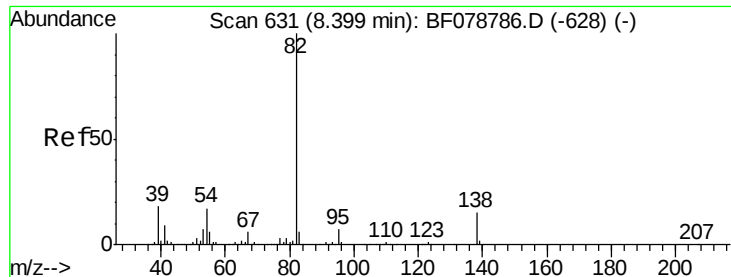
Tgt Ion: 82 Resp: 368004
 Ion Ratio Lower Upper
 82 100
 128 34.3 30.0 45.0
 54 59.1 46.4 69.6



#24
 Nitrobenzene
 Concen: 43.41 ng
 RT: 8.09 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion: 77 Resp: 203108
 Ion Ratio Lower Upper
 77 100
 123 35.2 31.8 47.8
 65 13.7 10.6 15.8





#25

Isophorone

Concen: 38.71 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

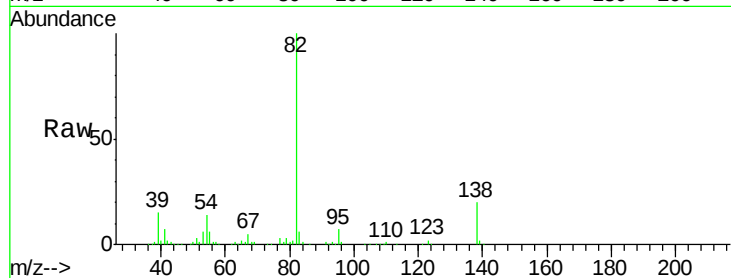
Tgt Ion: 82 Resp: 382366

Ion Ratio Lower Upper

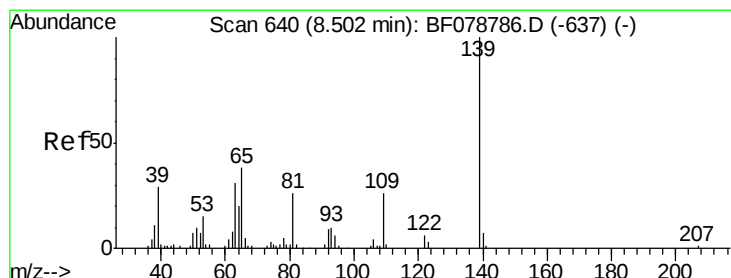
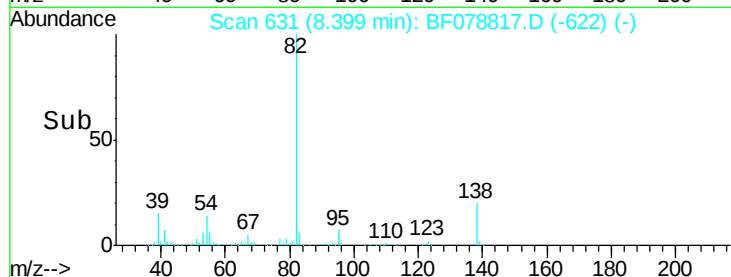
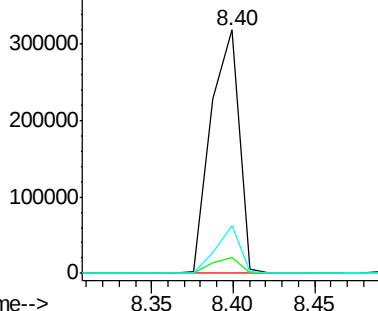
82 100

95 6.5 5.3 7.9

138 19.5 12.0 18.0#



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



#26

2-Nitrophenol

Concen: 54.23 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

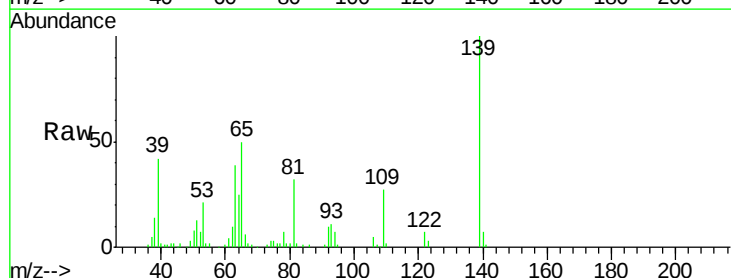
Tgt Ion: 139 Resp: 74529

Ion Ratio Lower Upper

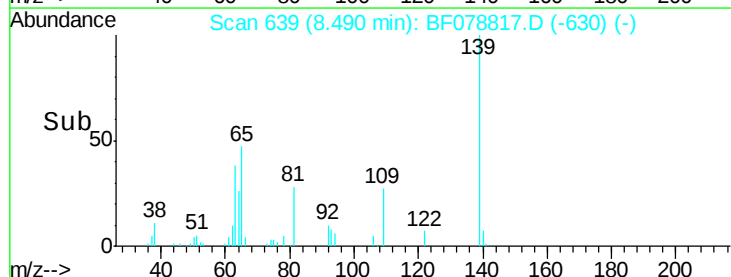
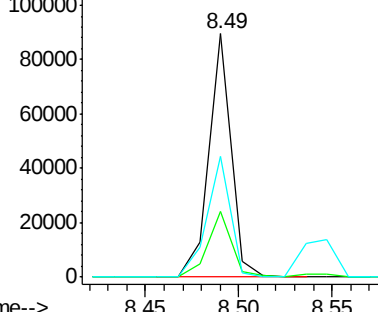
139 100

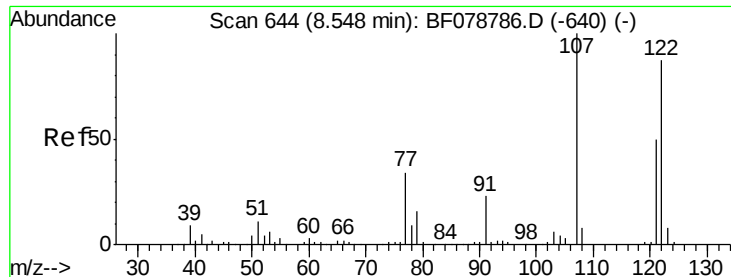
109 26.9 21.0 31.4

65 49.6 30.5 45.7#



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: 41.61 ng

RT: 8.55 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

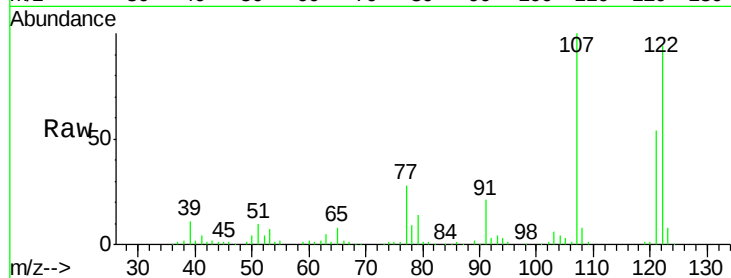
Tgt Ion:122 Resp: 182333

Ion Ratio Lower Upper

122 100

107 106.9 90.6 135.8

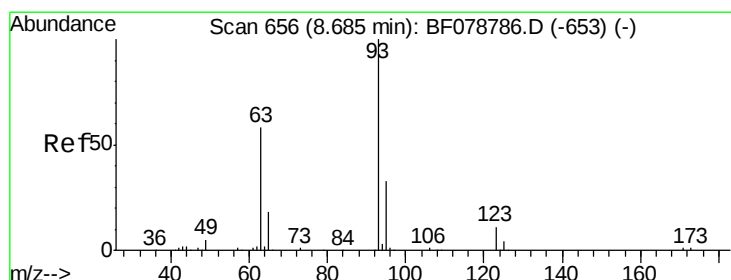
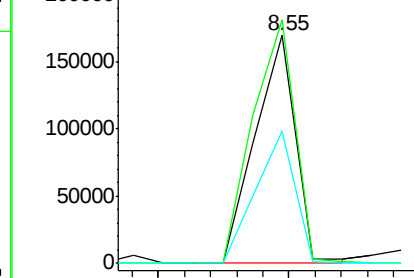
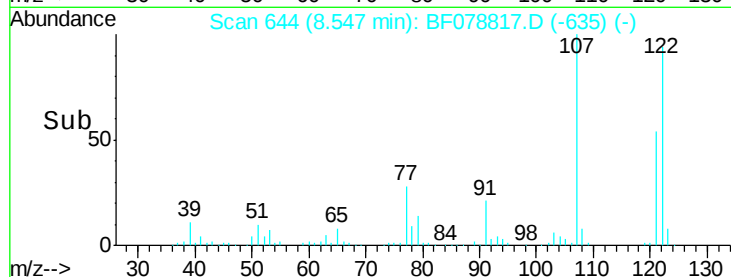
121 57.8 45.4 68.2



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: 41.74 ng

RT: 8.67 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

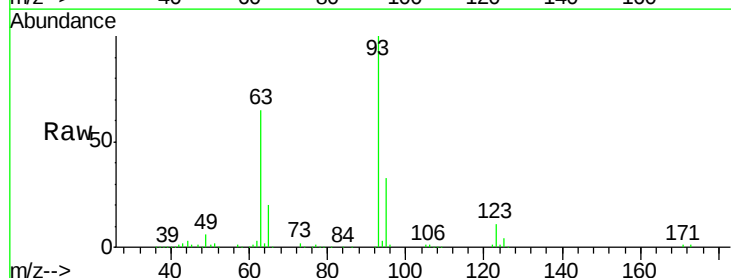
Tgt Ion: 93 Resp: 254573

Ion Ratio Lower Upper

93 100

95 32.8 26.7 40.1

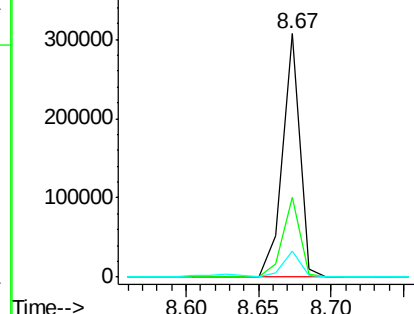
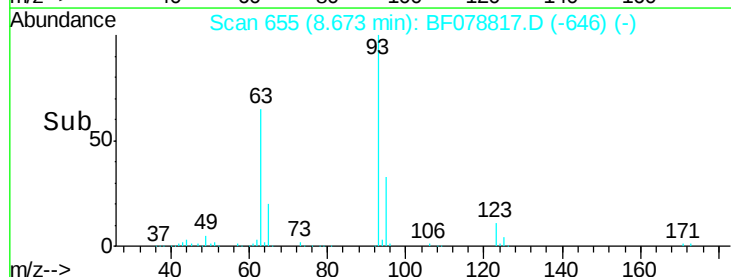
123 10.5 9.1 13.7

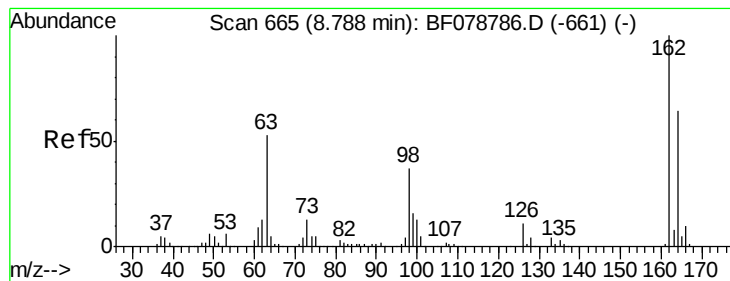


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

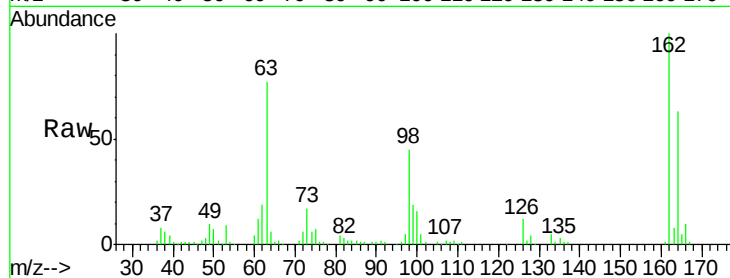




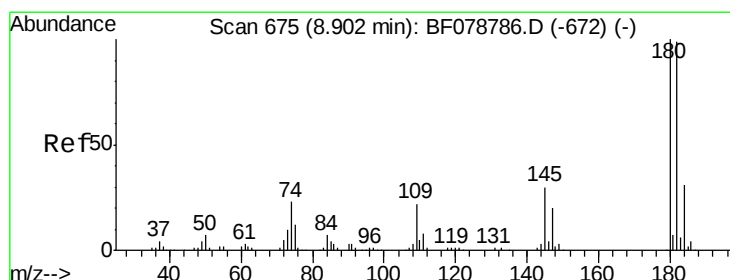
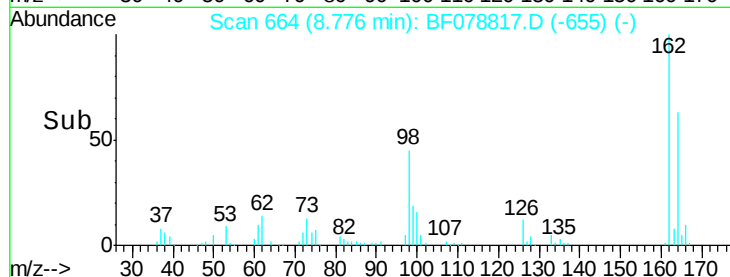
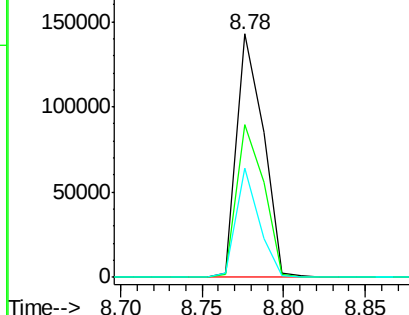
#29
 2,4-Dichlorophenol
 Concen: 42.96 ng
 RT: 8.78 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.6	83.6
98	44.7	16.5	56.5

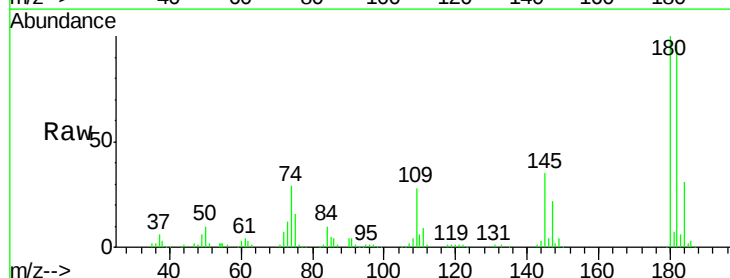


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

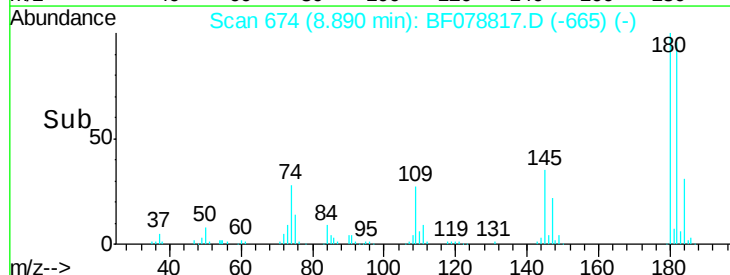
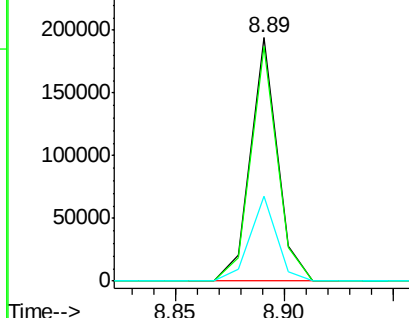


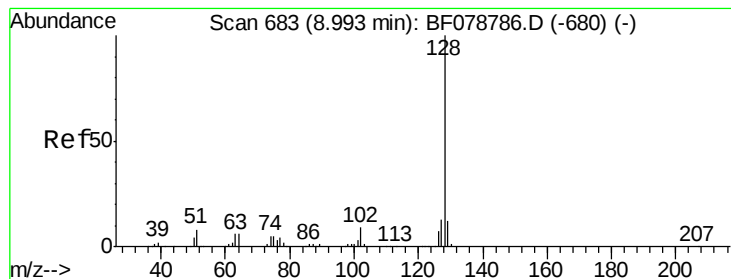
#30
 1,2,4-Trichlorobenzene
 Concen: 38.79 ng
 RT: 8.89 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.9	118.3
145	34.7	24.2	36.4



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: 37.78 ng

RT: 8.98 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

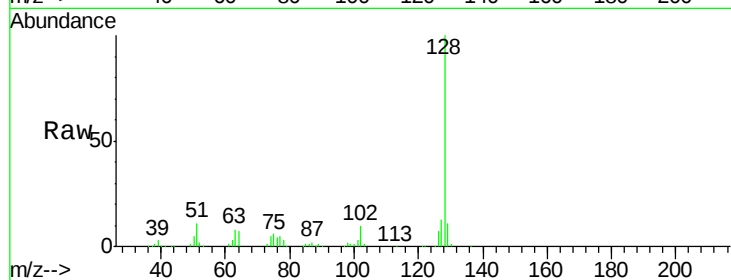
Tgt Ion:128 Resp: 564068

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

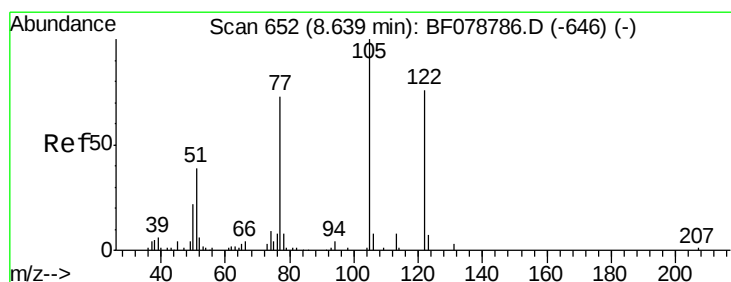
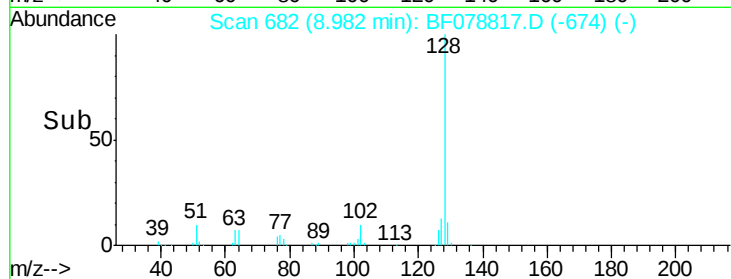
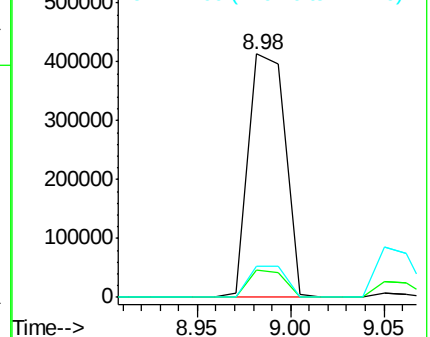
127 13.0 10.7 16.1



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: 56.81 ng

RT: 8.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

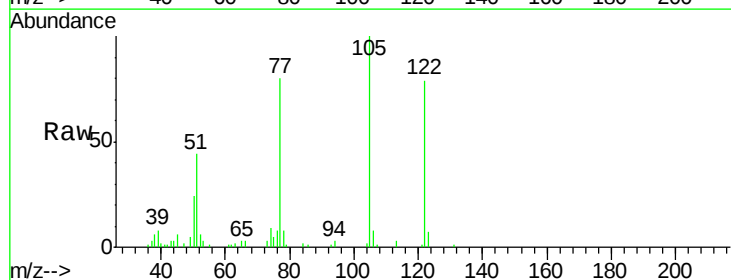
Tgt Ion:122 Resp: 75544

Ion Ratio Lower Upper

122 100

105 127.2 107.1 147.1

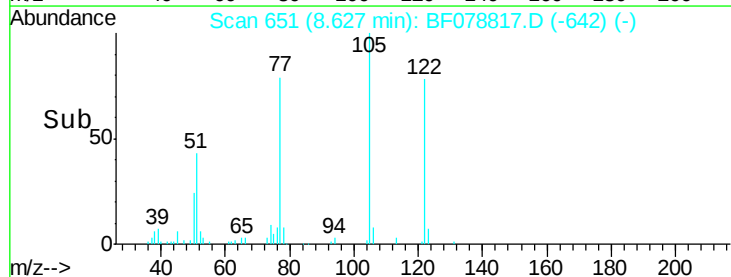
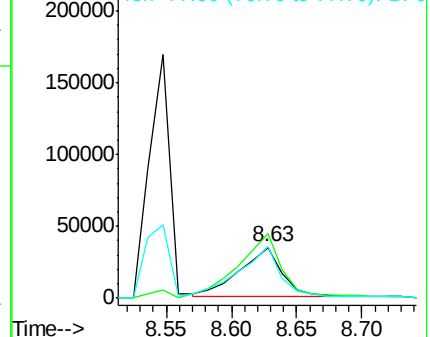
77 102.1 73.9 113.9

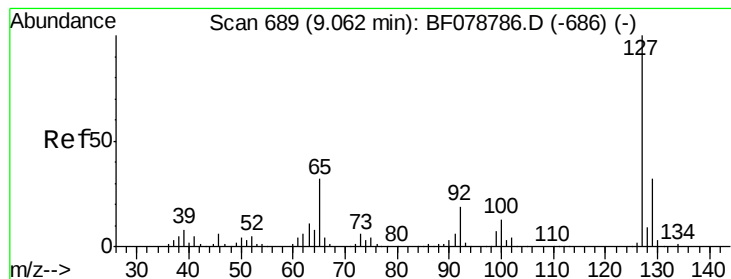


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.38 ng

RT: 9.05 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

Tgt Ion:127 Resp: 115460

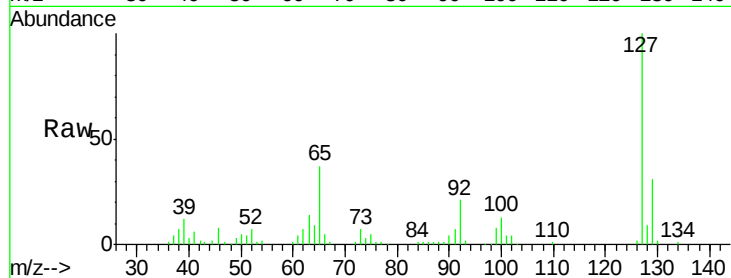
Ion Ratio Lower Upper

127 100

129 31.0 25.8 38.8

65 36.9 25.8 38.6

92 20.8 15.5 23.3

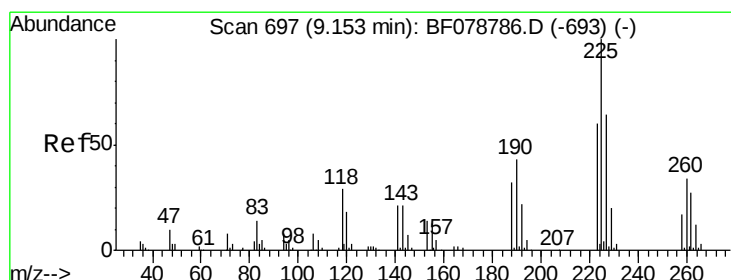
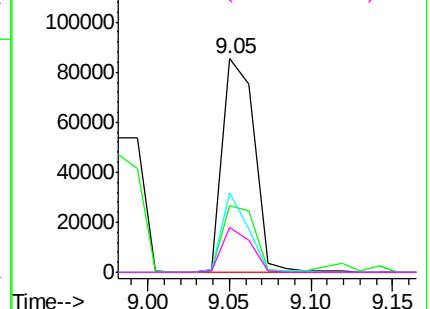
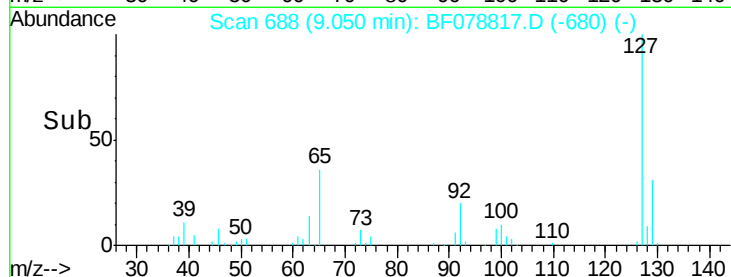


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.84 ng

RT: 9.14 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

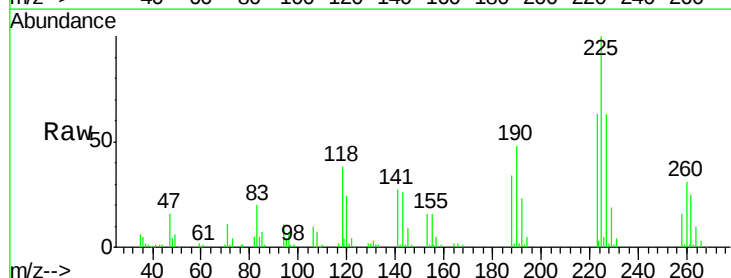
Tgt Ion:225 Resp: 94251

Ion Ratio Lower Upper

225 100

223 63.5 48.2 72.4

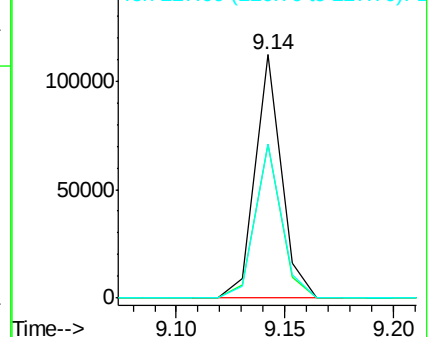
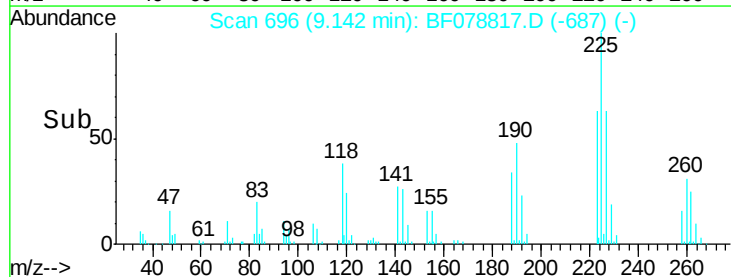
227 63.2 51.4 77.0

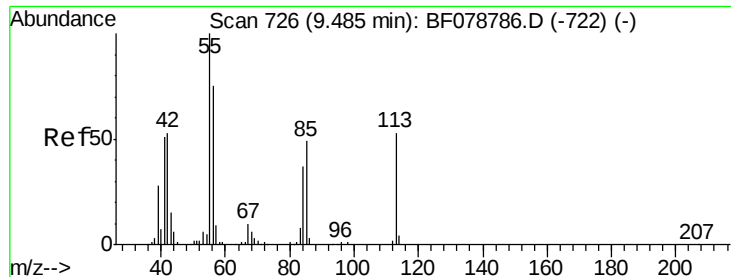


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

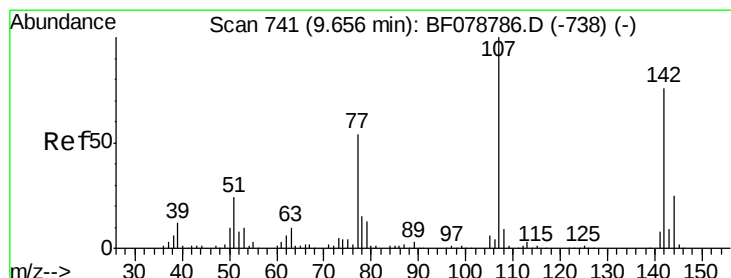
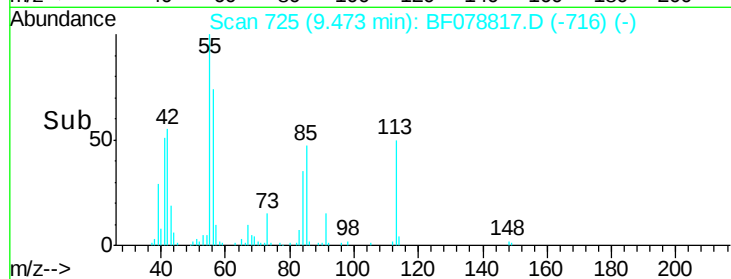
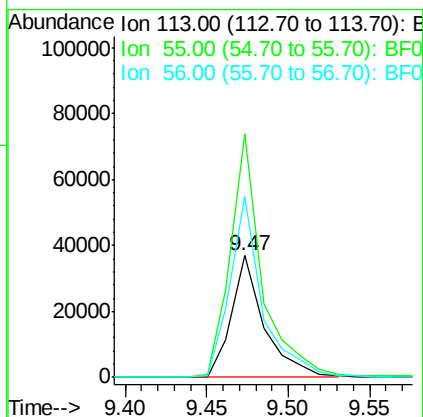
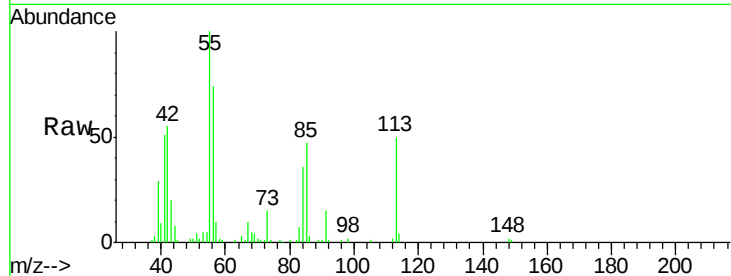




#35
 Caprolactam
 Concen: 42.96 ng
 RT: 9.47 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

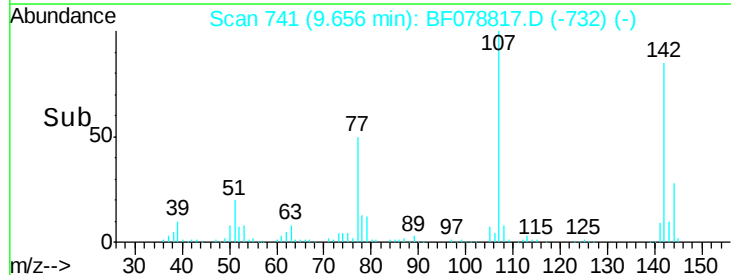
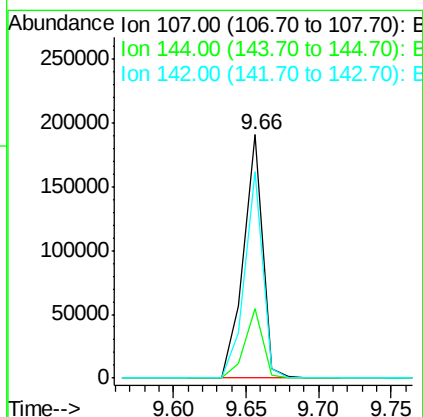
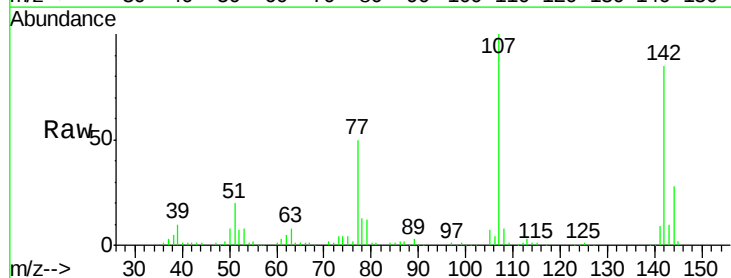
Instrument :
 BNA_F
 ClientSampleID :
 PB83015BS

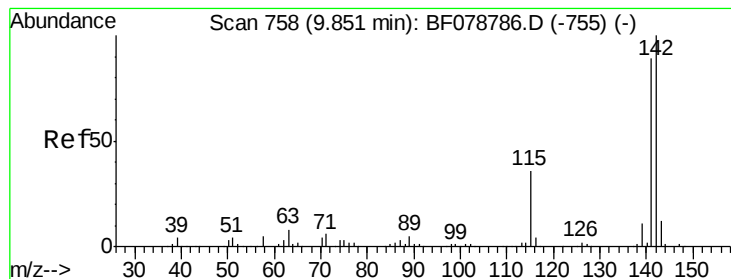
Tgt Ion:113 Resp: 51228
 Ion Ratio Lower Upper
 113 100
 55 200.2 169.7 209.7
 56 149.0 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.90 ng
 RT: 9.66 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion:107 Resp: 176543
 Ion Ratio Lower Upper
 107 100
 144 28.3 19.8 29.6
 142 85.1 60.6 91.0

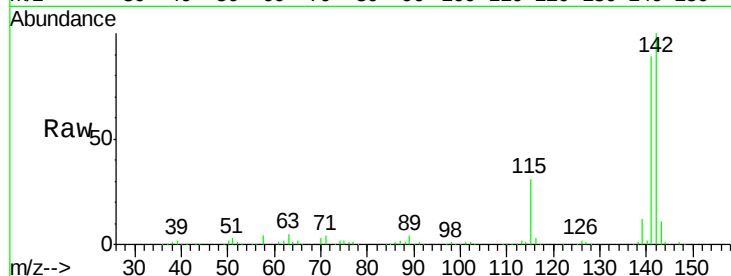




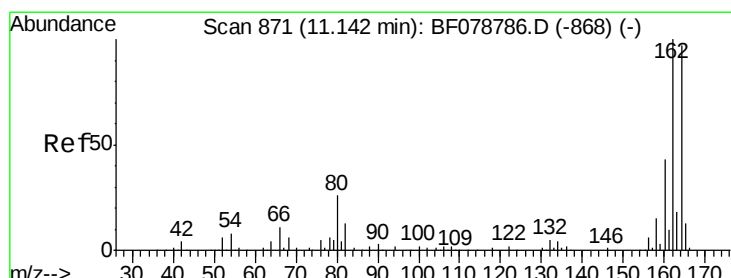
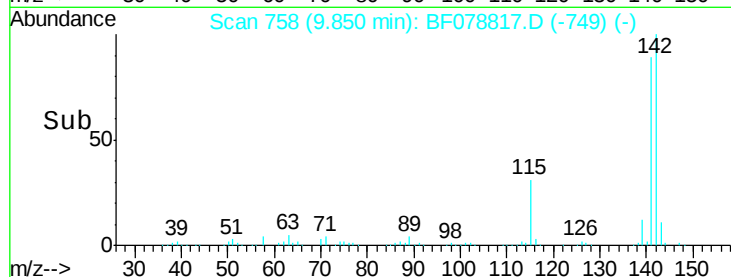
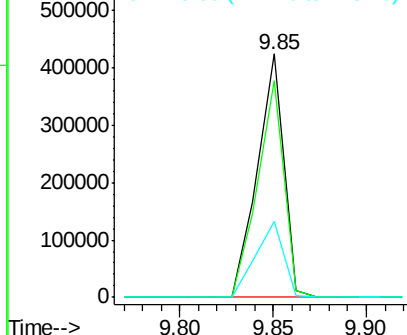
#37
 2-Methylnaphthalene
 Concen: 41.15 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB83015BS

Tgt Ion:142 Resp: 413372
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.9 106.3
 115 31.3 28.5 42.7

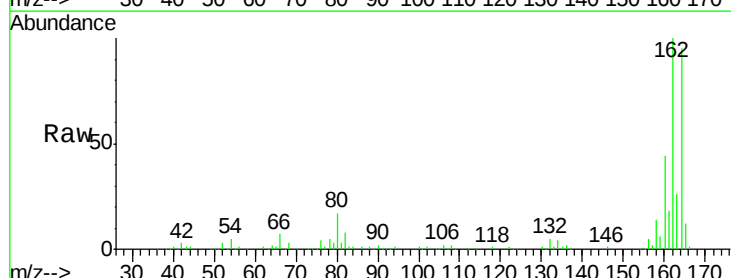


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

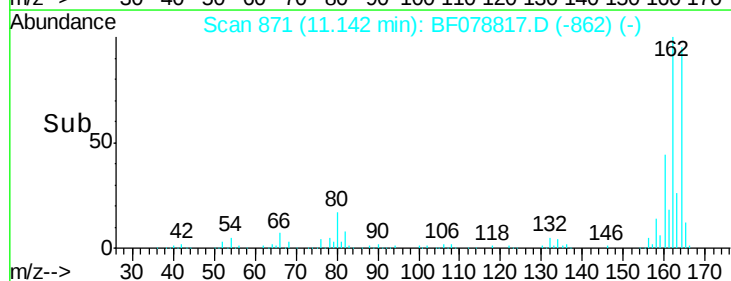
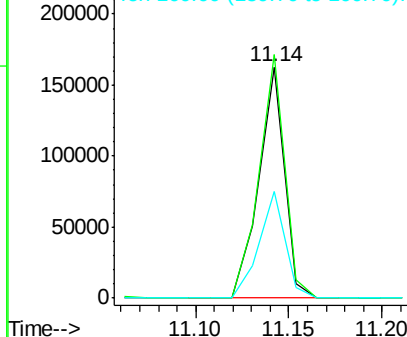


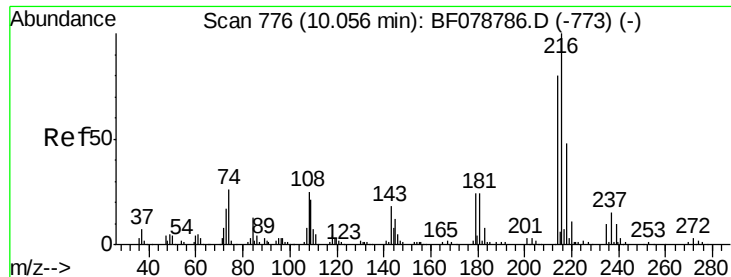
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion:164 Resp: 153995
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.7 124.1
 160 46.1 35.8 53.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.12 ng

RT: 10.06 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

Tgt Ion:216 Resp: 161973

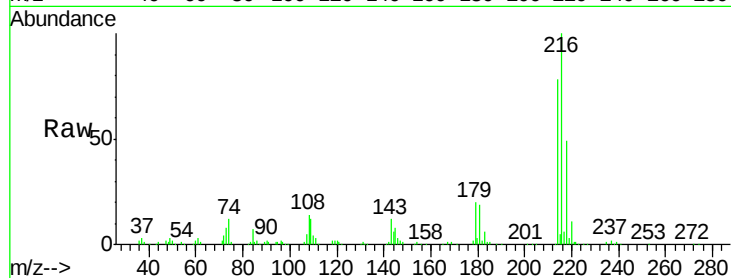
Ion Ratio Lower Upper

216 100

214 79.9 0.0 0.0#

179 21.8 0.0 0.0#

108 24.0 0.0 0.0#

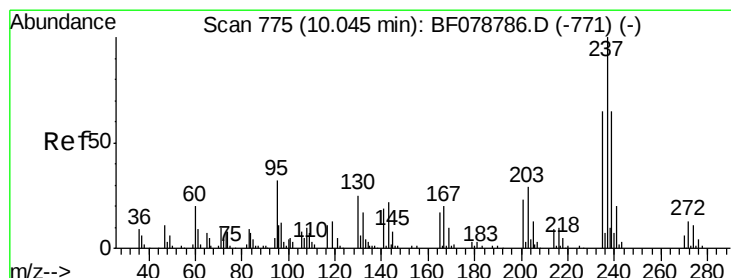
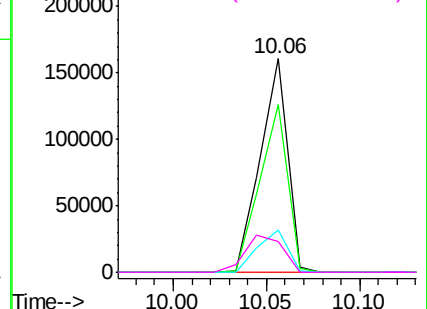
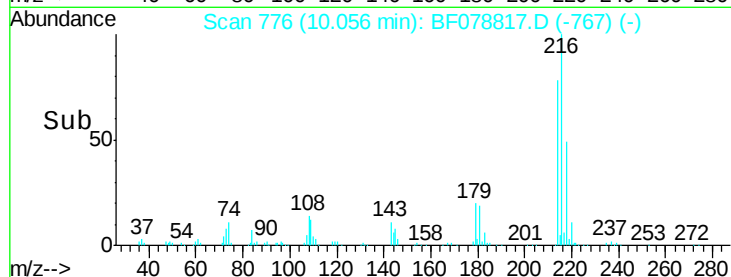


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.08 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

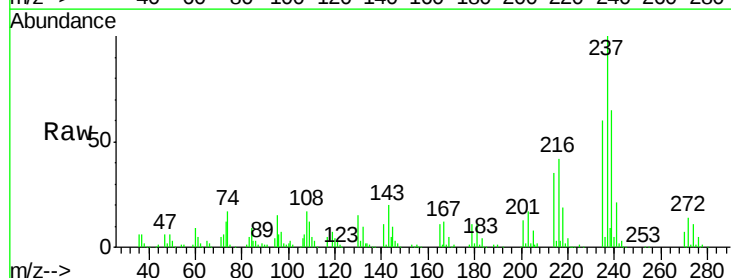
Tgt Ion:237 Resp: 168874

Ion Ratio Lower Upper

237 100

235 60.3 44.7 84.7

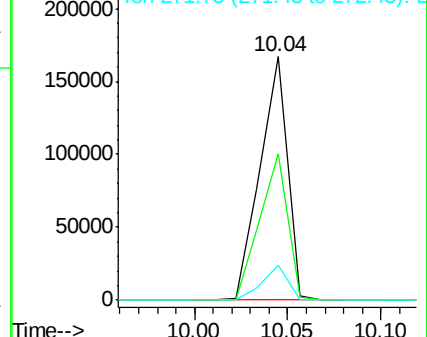
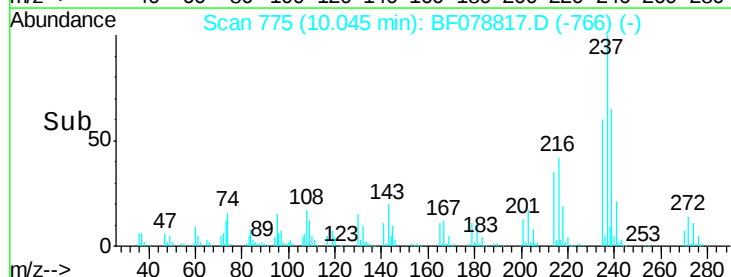
272 14.5 0.0 32.6

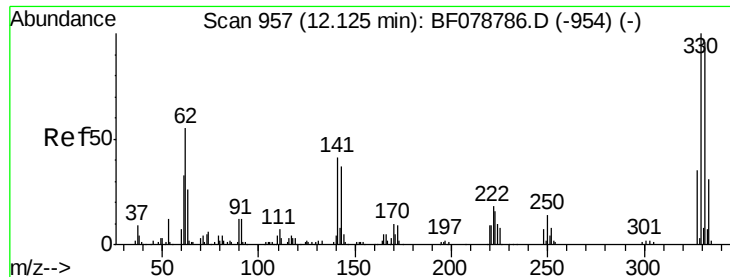


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

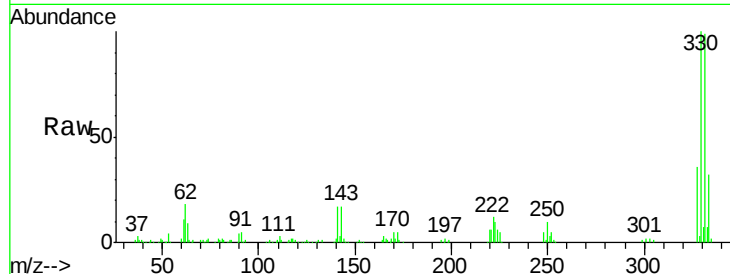




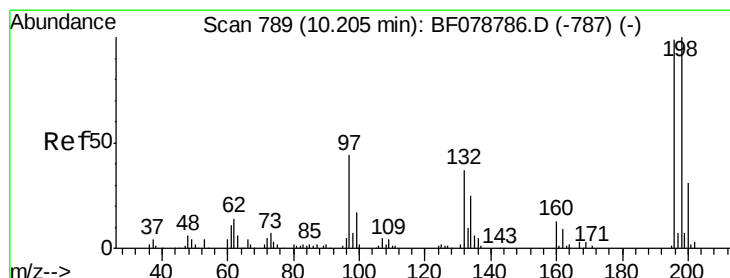
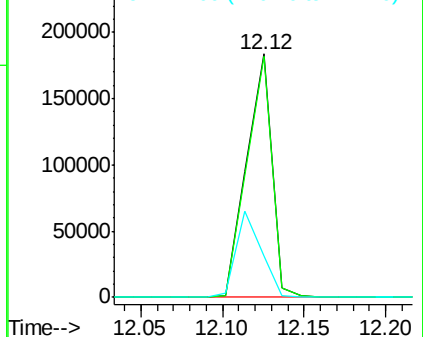
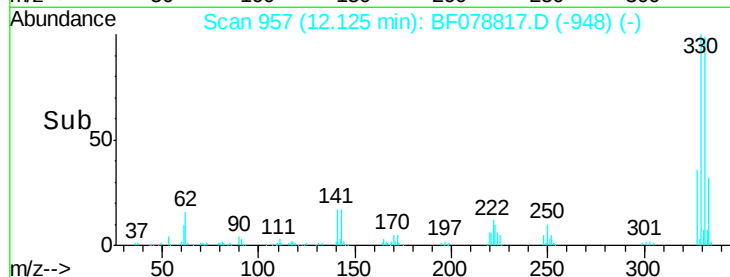
#41
 2,4,6-Tribromophenol
 Concen: 129.59 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	35.0	0.0	0.0#

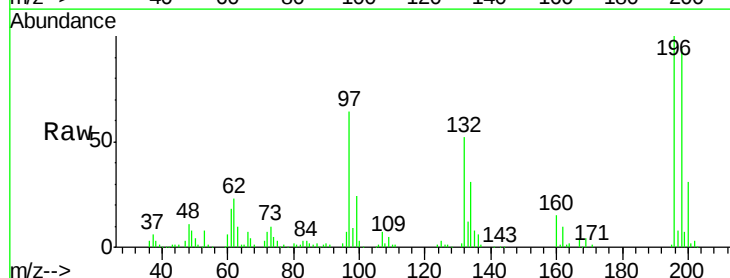


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

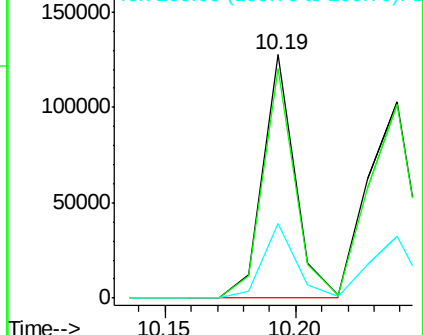
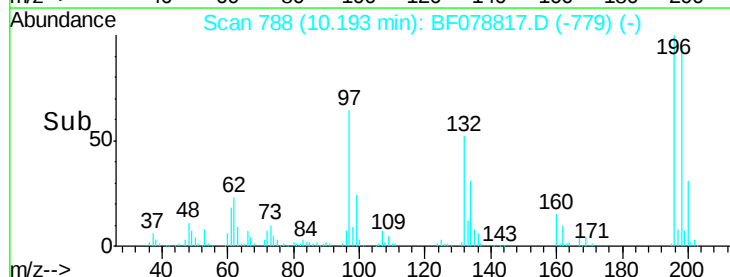


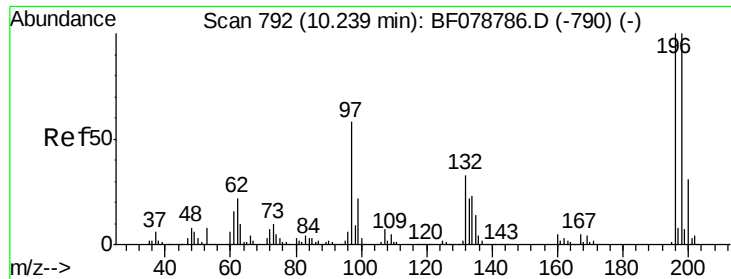
#42
 2,4,6-Trichlorophenol
 Concen: 41.33 ng
 RT: 10.19 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	80.5	120.7
200	30.9	24.9	37.3



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

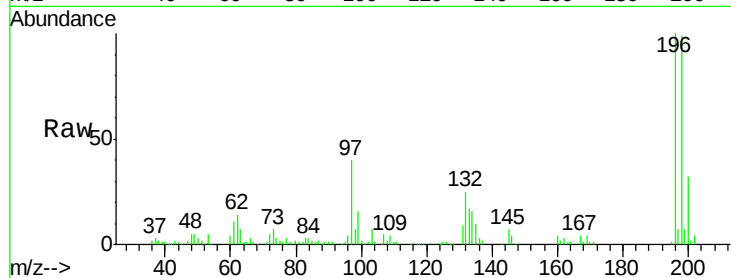




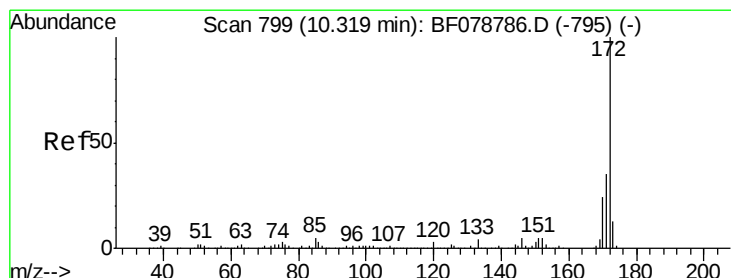
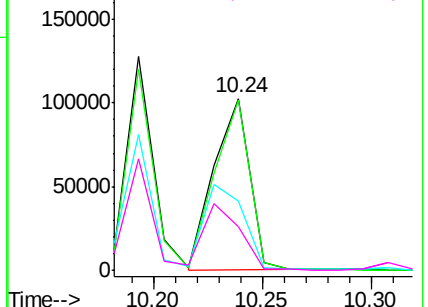
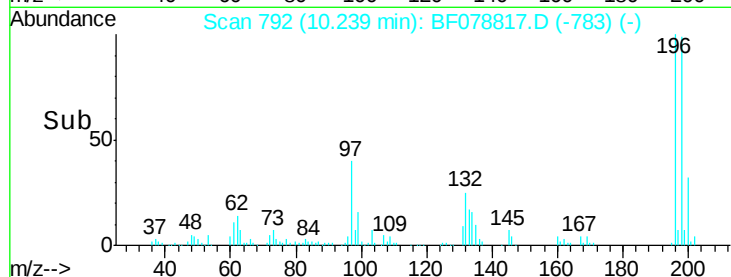
#43
 2,4,5-Trichlorophenol
 Concen: 41.30 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.8	119.6
97	40.0	46.0	69.0#
132	25.3	26.6	40.0#

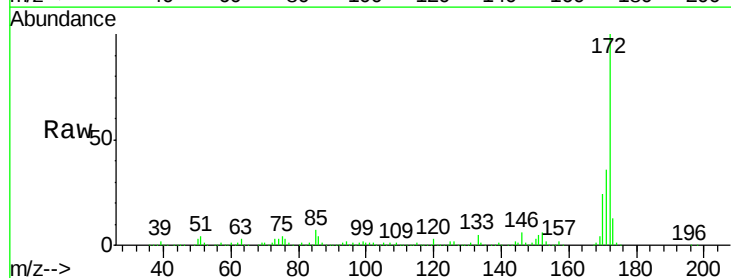


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

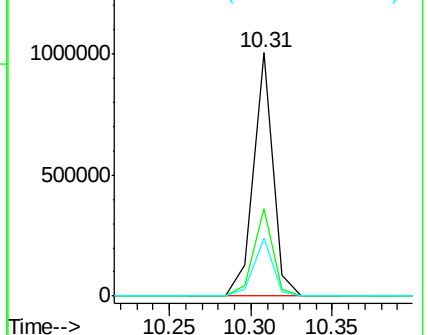
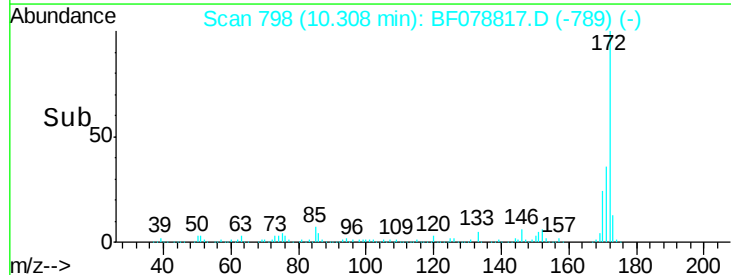


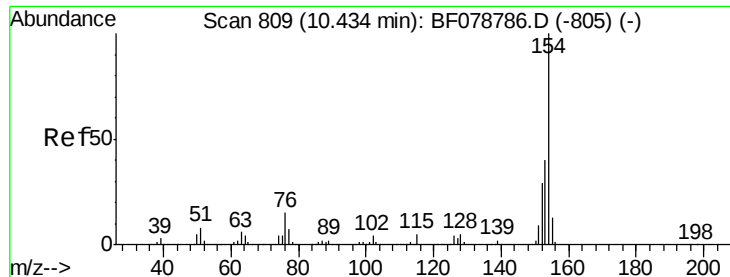
#44
 2-Fluorobiphenyl
 Concen: 74.65 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	24.0	19.4	29.0



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

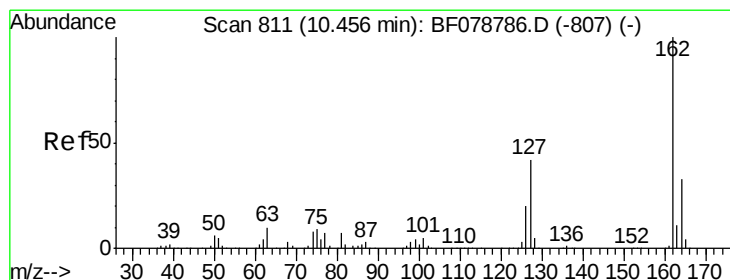
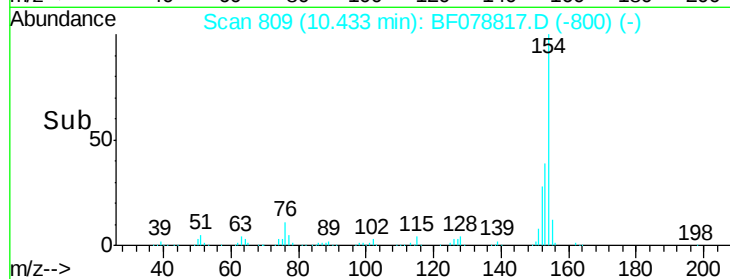
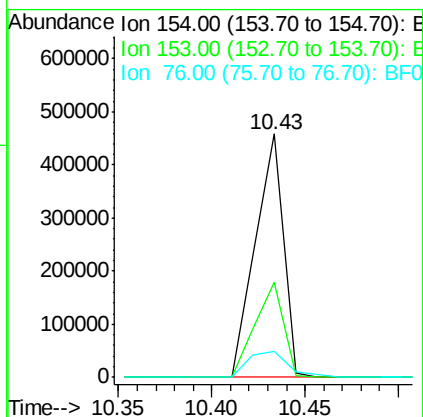
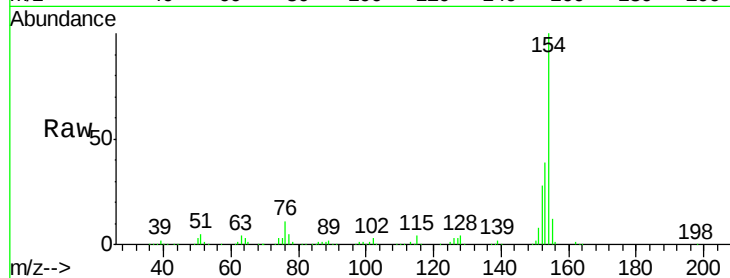




#45
 1,1'-Biphenyl
 Concen: 38.39 ng
 RT: 10.43 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

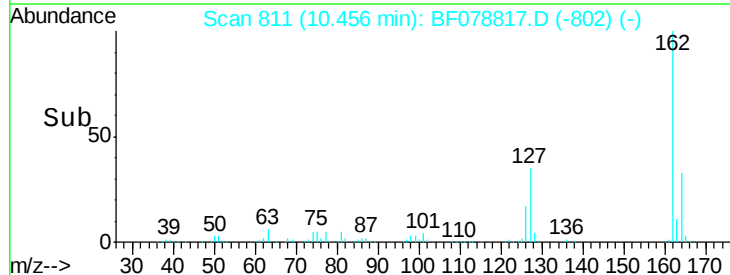
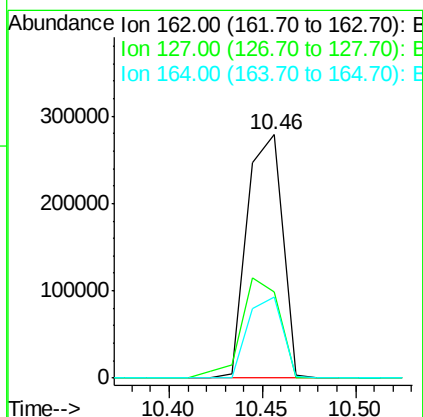
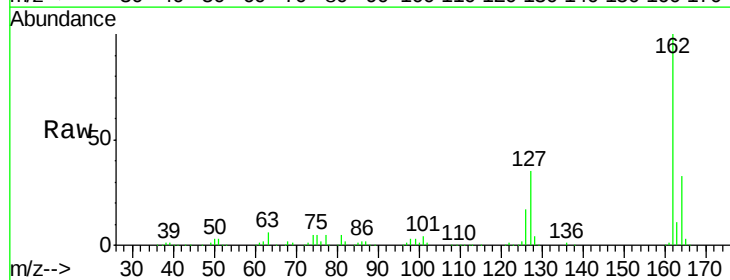
Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

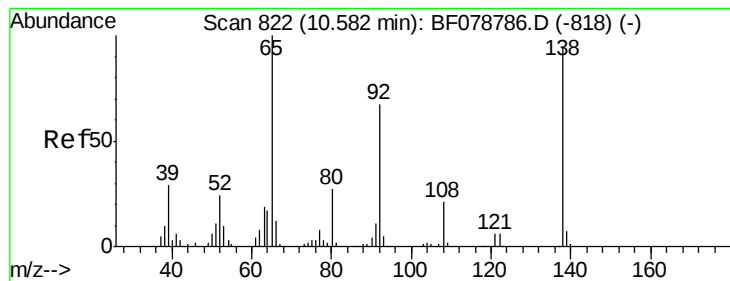
Tgt Ion:154 Resp: 474437
 Ion Ratio Lower Upper
 154 100
 153 39.2 19.9 59.9
 76 10.6 0.0 35.0



#46
 2-Chloronaphthalene
 Concen: 37.90 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion:162 Resp: 366069
 Ion Ratio Lower Upper
 162 100
 127 35.4 33.9 50.9
 164 33.4 26.3 39.5





#47

2-Nitroaniline

Concen: 46.79 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

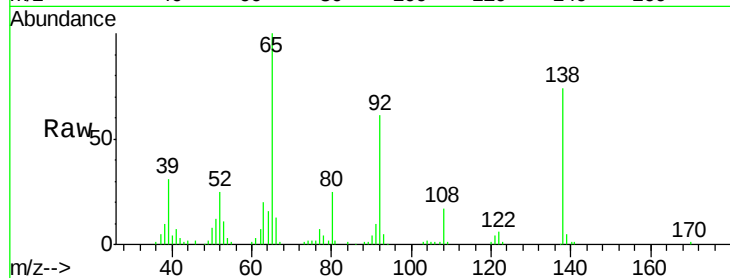
Tgt Ion: 65 Resp: 98710

Ion Ratio Lower Upper

65 100

92 60.6 54.0 81.0

138 73.7 75.0 112.6#



Abundance Ion 65.00 (64.70 to 65.70): BF078817.D (-812) (-)

Ion 92.00 (91.70 to 92.70): BF078817.D (-812) (-)

Ion 138.00 (137.70 to 138.70): BF078817.D (-812) (-)

Time-->

10.50 10.55 10.60

10.57

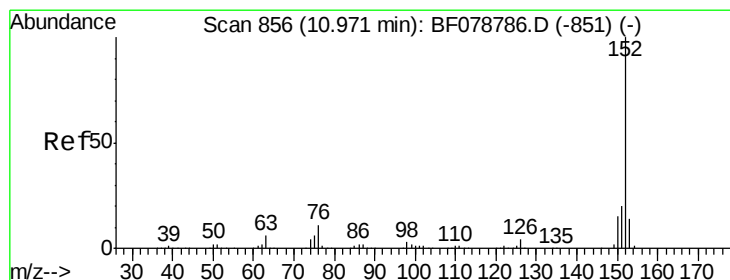
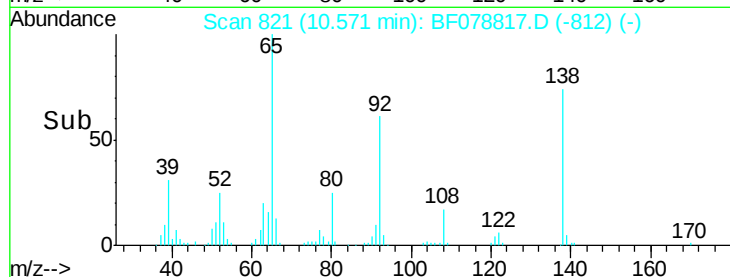
80000

60000

40000

20000

0



#48

Acenaphthylene

Concen: 37.93 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

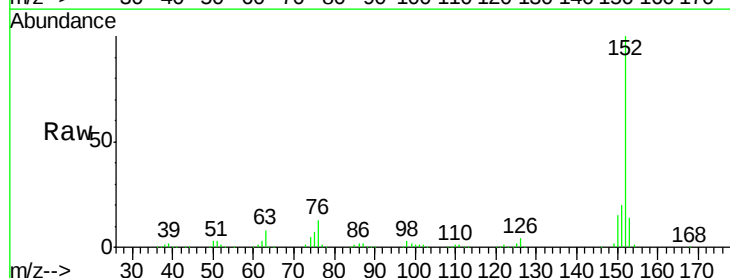
Tgt Ion: 152 Resp: 599429

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.8 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): BF078817.D (-847) (-)

Ion 151.00 (150.70 to 151.70): BF078817.D (-847) (-)

Ion 153.00 (152.70 to 153.70): BF078817.D (-847) (-)

Time-->

10.90 10.95 11.00 11.05

10.96

600000

500000

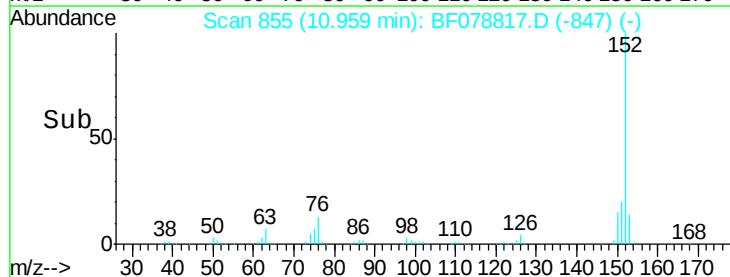
400000

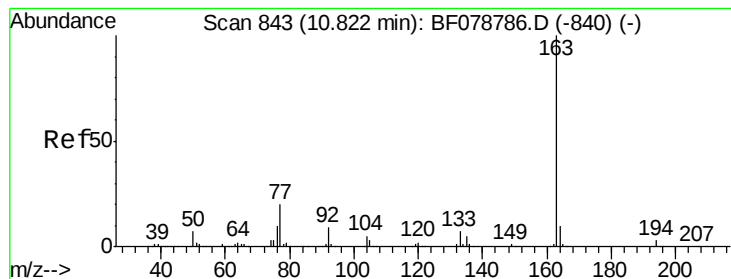
300000

200000

100000

0





#49

Dimethylphthalate

Concen: 38.46 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

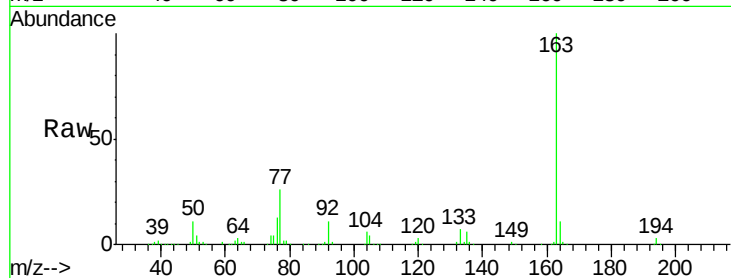
Tgt Ion:163 Resp: 421005

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

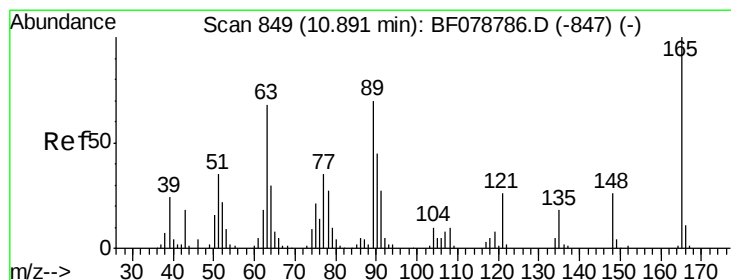
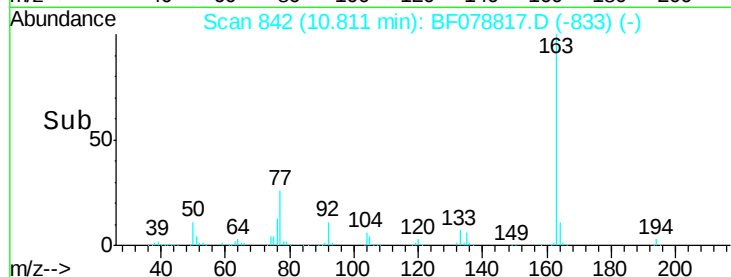
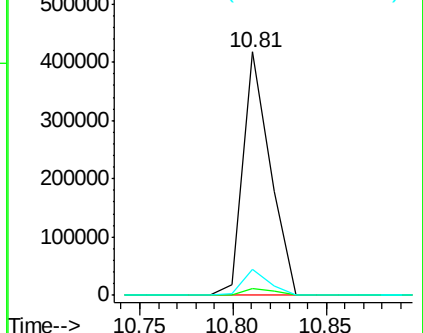
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.76 ng

RT: 10.89 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

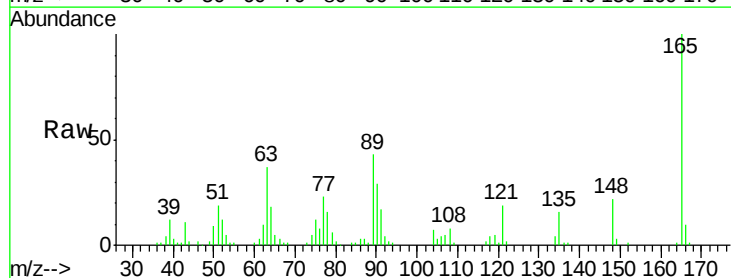
Tgt Ion:165 Resp: 81610

Ion Ratio Lower Upper

165 100

63 37.0 54.4 81.6#

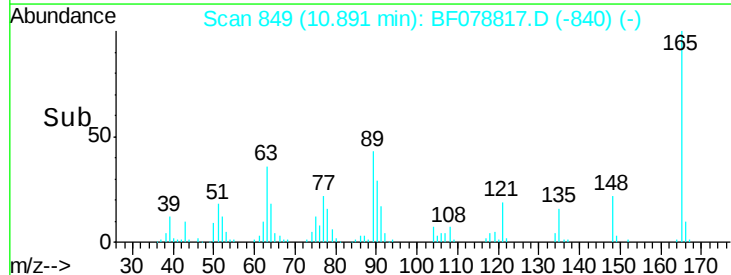
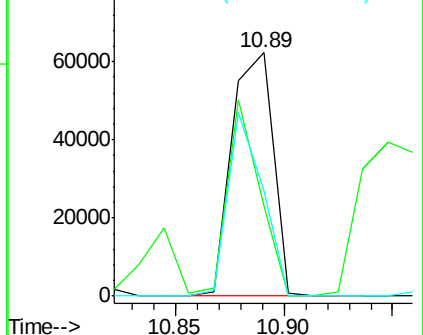
89 43.1 55.7 83.5#

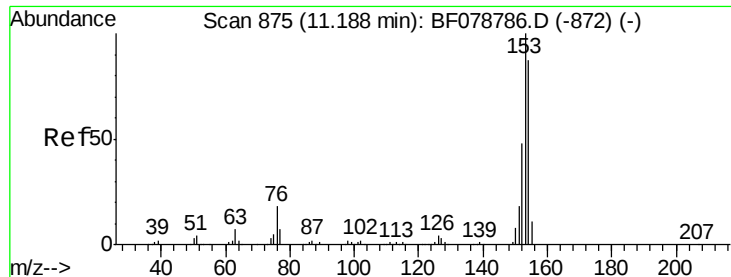


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.12 ng

RT: 11.18 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

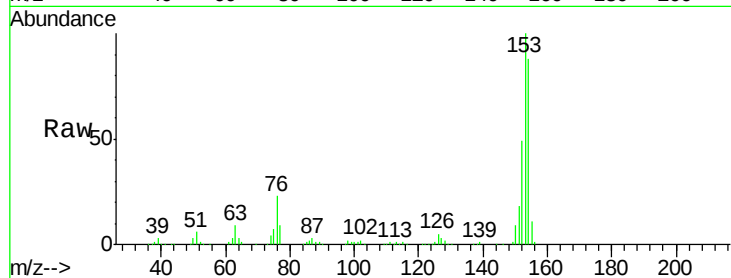
Tgt Ion:154 Resp: 353839

Ion Ratio Lower Upper

154 100

153 113.0 91.5 137.3

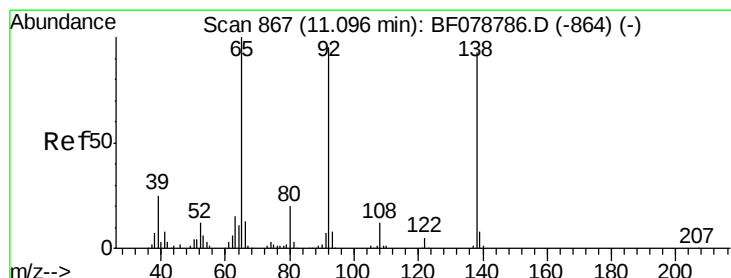
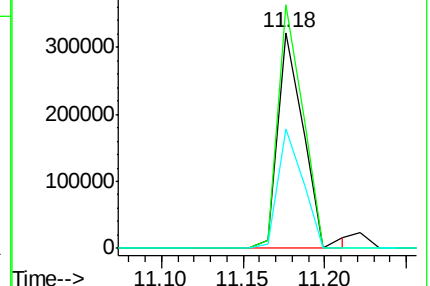
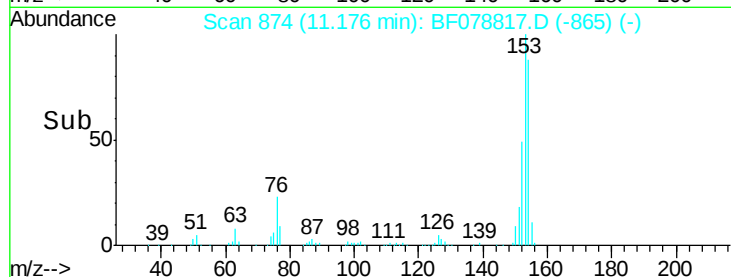
152 55.2 44.2 66.4



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: 29.53 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

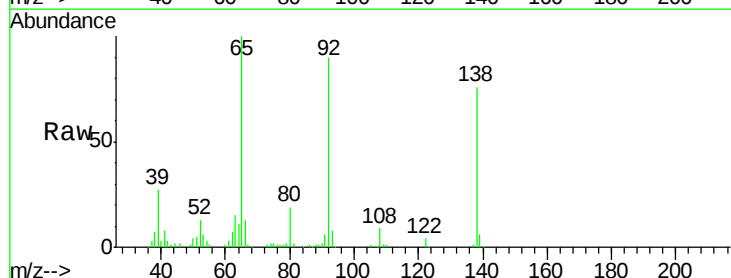
Tgt Ion:138 Resp: 68327

Ion Ratio Lower Upper

138 100

108 11.9 10.6 16.0

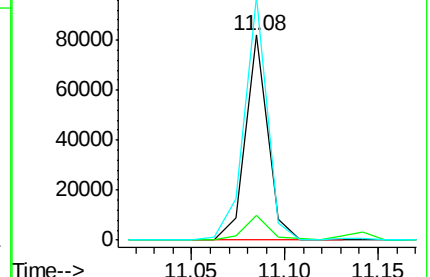
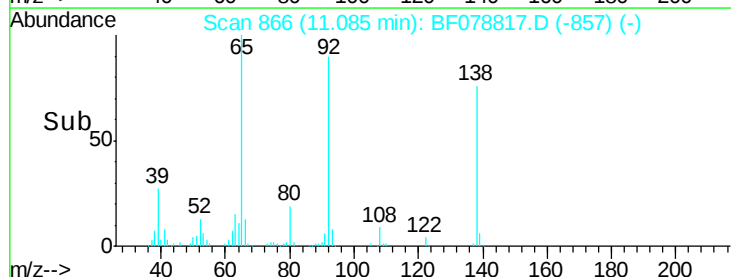
92 118.9 81.8 122.6

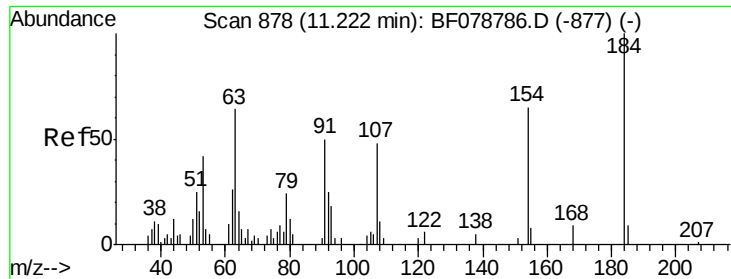


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

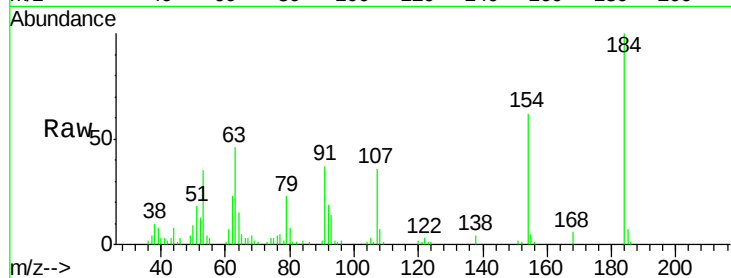




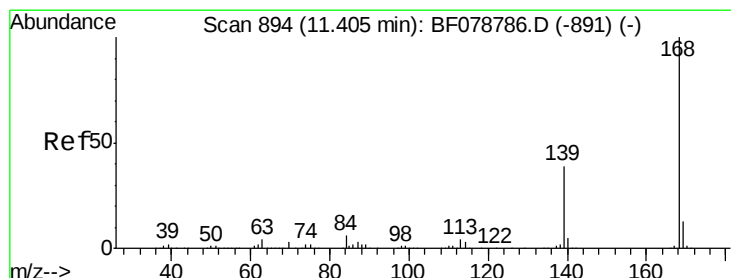
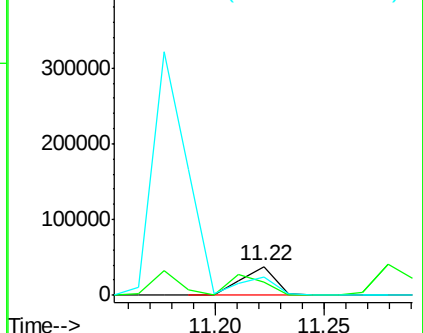
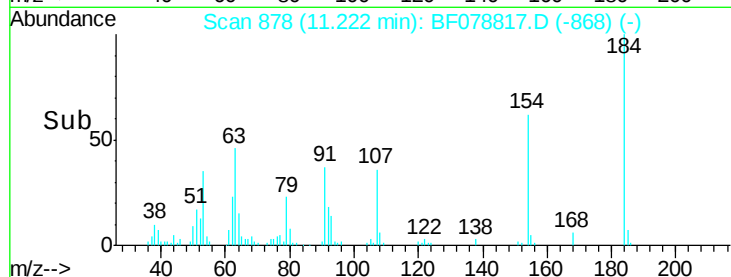
#53
 2,4-Dinitrophenol
 Concen: 143.55 ng
 RT: 11.22 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

Tgt Ion:184 Resp: 40926
 Ion Ratio Lower Upper
 184 100
 63 46.1 63.3 94.9#
 154 61.7 53.8 80.6

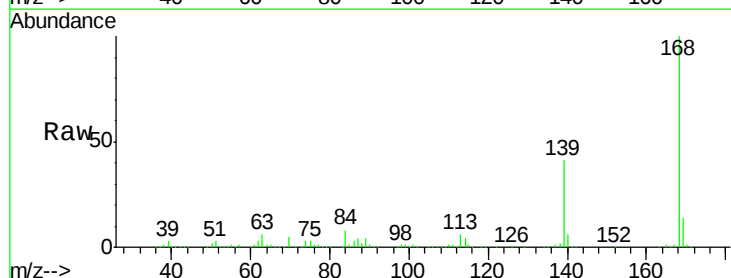


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

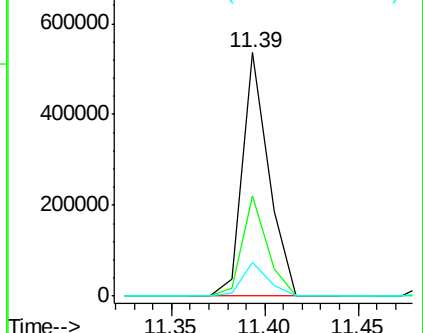
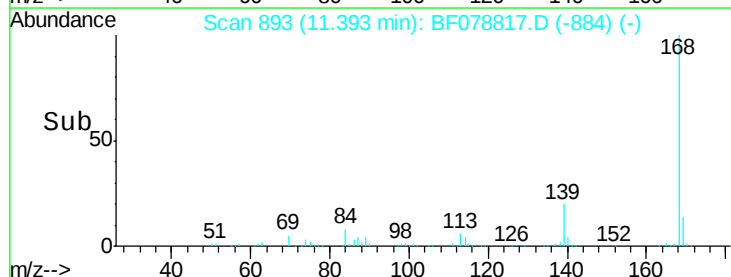


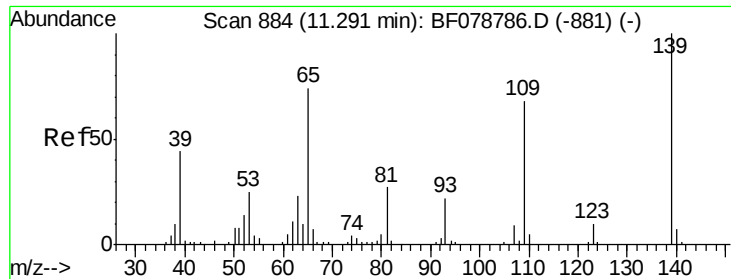
#54
 Dibenzofuran
 Concen: 38.43 ng
 RT: 11.39 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion:168 Resp: 523284
 Ion Ratio Lower Upper
 168 100
 139 41.2 31.0 46.4
 169 13.9 10.6 16.0



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

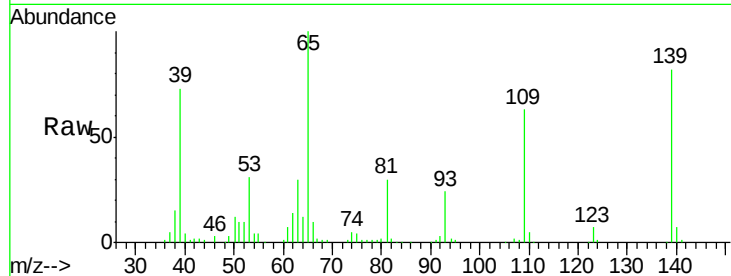




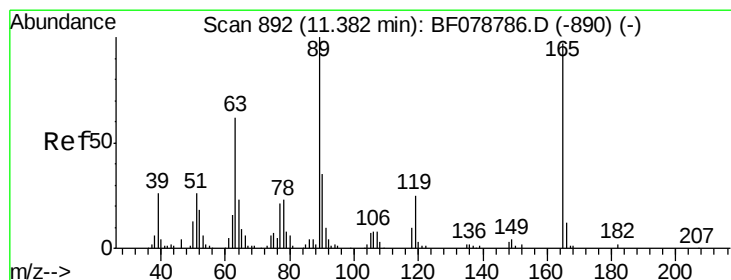
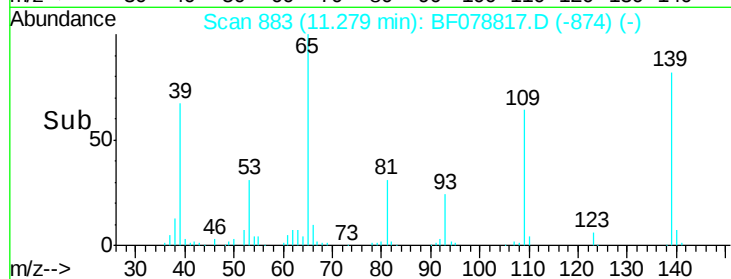
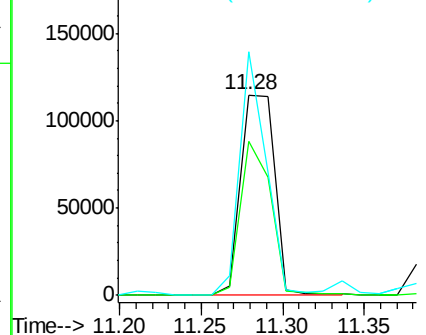
#55
4-Nitrophenol
Concen: 88.06 ng
RT: 11.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83015BS

Tgt Ion:139 Resp: 164836
Ion Ratio Lower Upper
139 100
109 77.2 47.6 87.6
65 121.6 54.3 94.3#

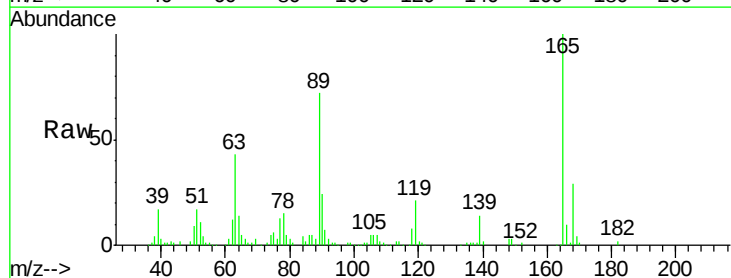


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

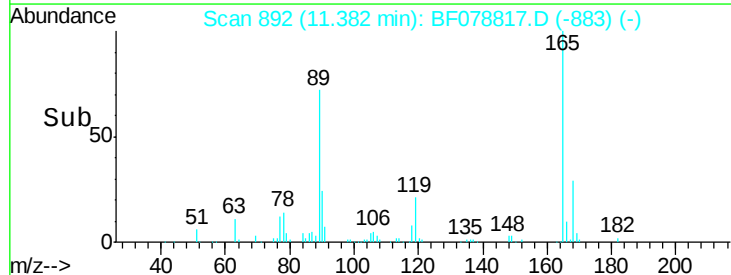
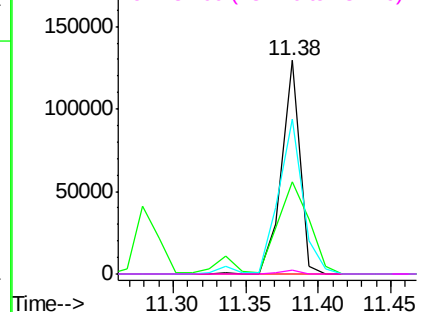


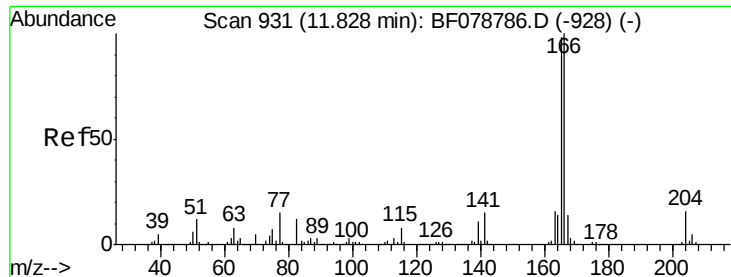
#56
2,4-Dinitrotoluene
Concen: 51.68 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:165 Resp: 113607
Ion Ratio Lower Upper
165 100
63 43.1 51.2 76.8#
89 72.4 82.7 124.1#
182 1.8 1.4 2.2



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

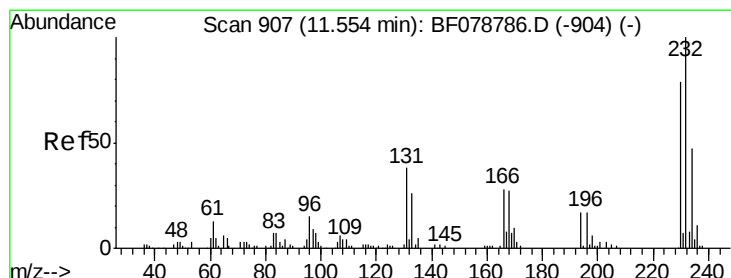
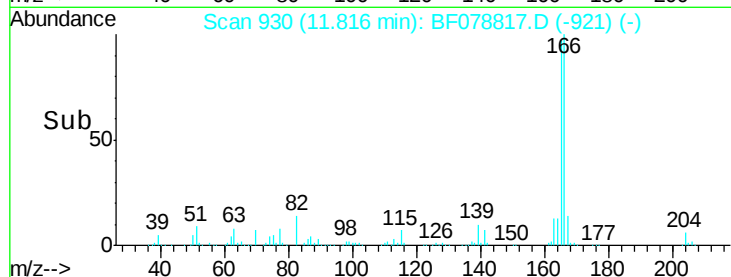
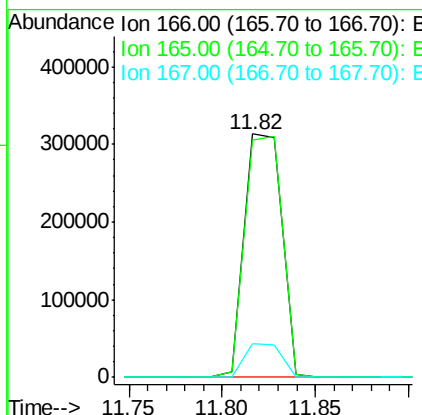
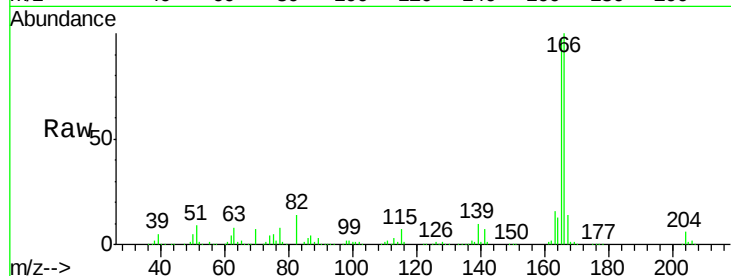




#57
 Fluorene
 Concen: 39.95 ng
 RT: 11.82 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

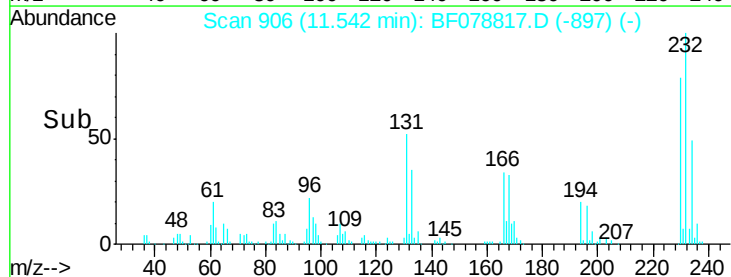
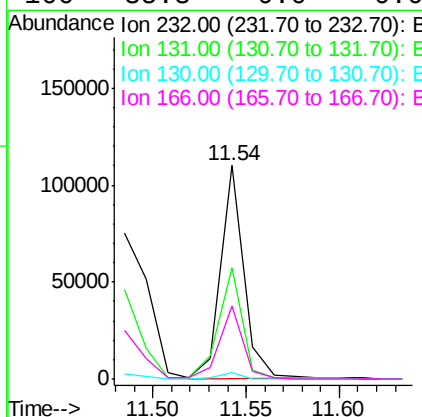
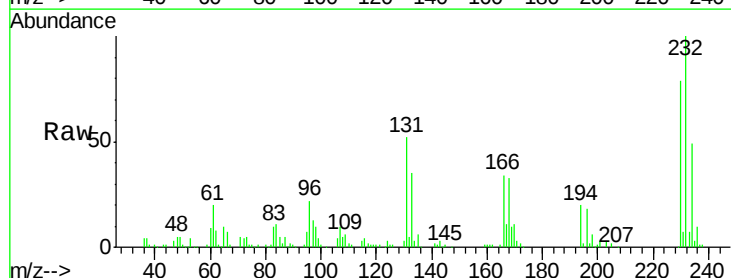
Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

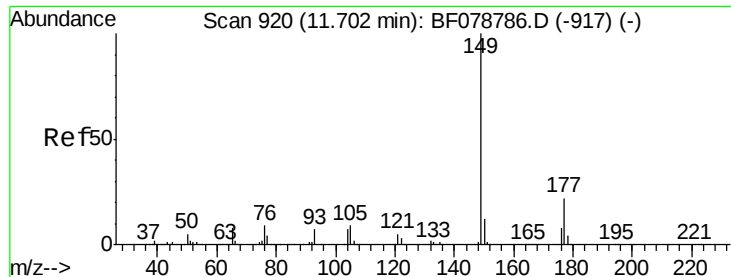
Tgt Ion:166 Resp: 434833
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.5 117.7
 167 13.7 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.77 ng
 RT: 11.54 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion:232 Resp: 94877
 Ion Ratio Lower Upper
 232 100
 131 54.4 0.0 0.0#
 130 2.7 0.0 0.0#
 166 35.3 0.0 0.0#

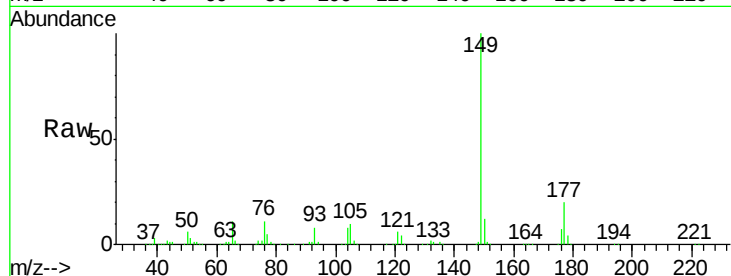




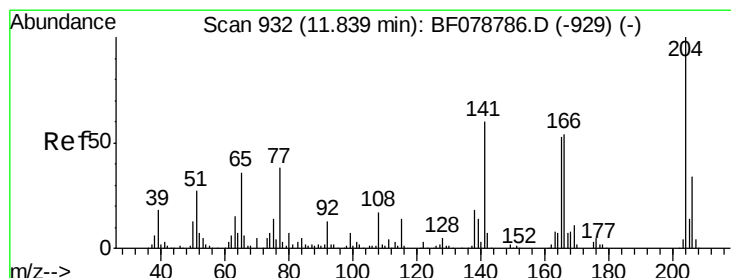
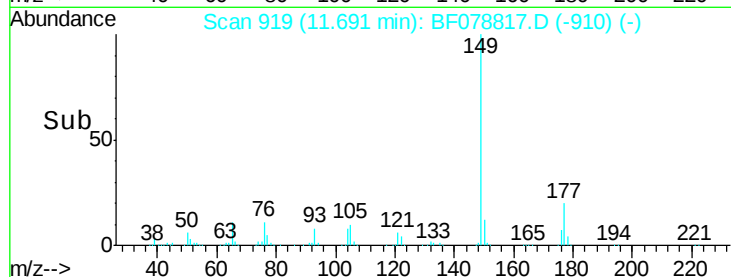
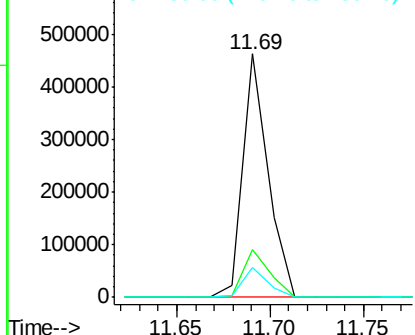
#59
Diethylphthalate
Concen: 40.10 ng
RT: 11.69 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83015BS

Tgt Ion:149 Resp: 436808
Ion Ratio Lower Upper
149 100
177 19.6 17.5 26.3
150 12.5 9.6 14.4

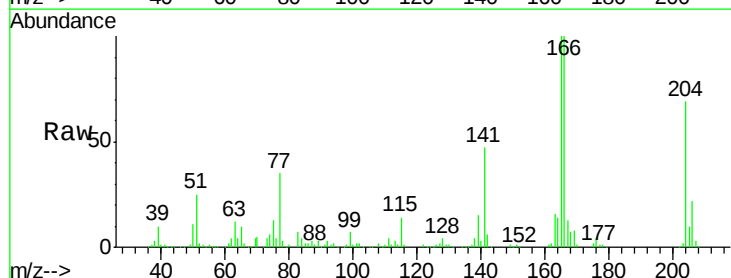


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

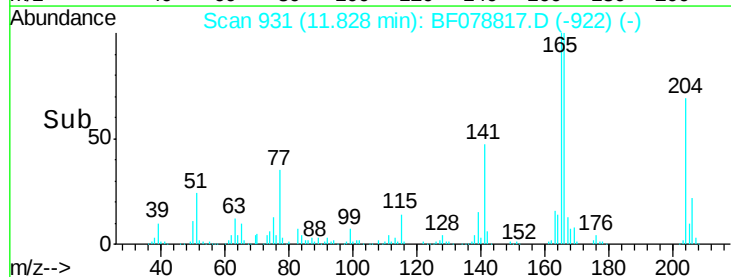
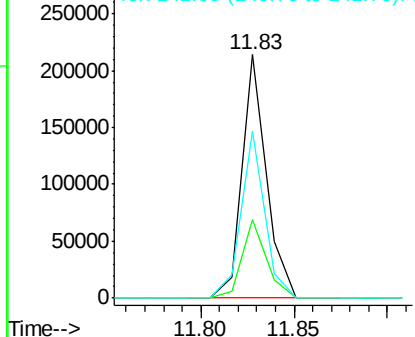


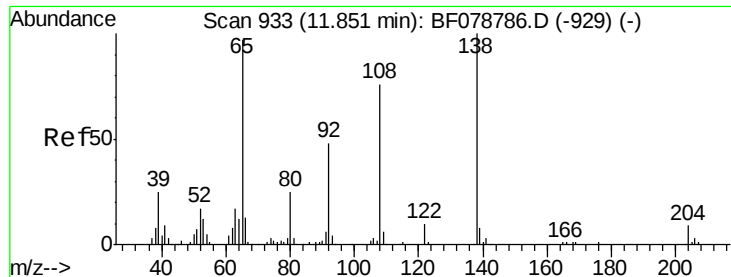
#60
4-Chlorophenyl-phenylether
Concen: 39.99 ng
RT: 11.83 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:204 Resp: 193695
Ion Ratio Lower Upper
204 100
206 32.5 26.9 40.3
141 68.4 48.3 72.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

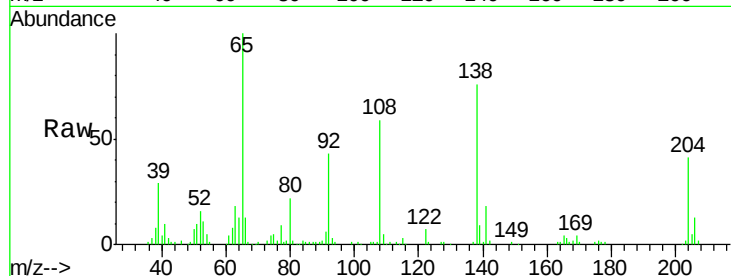




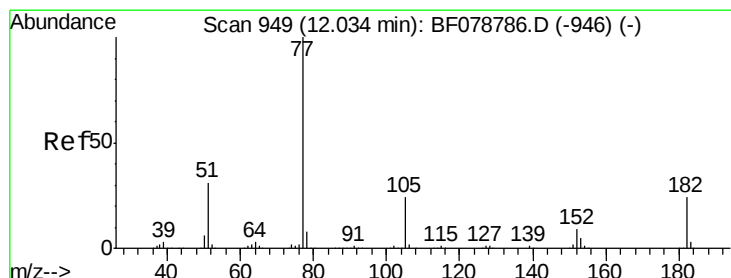
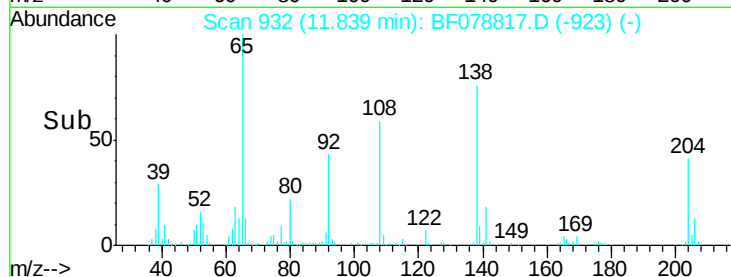
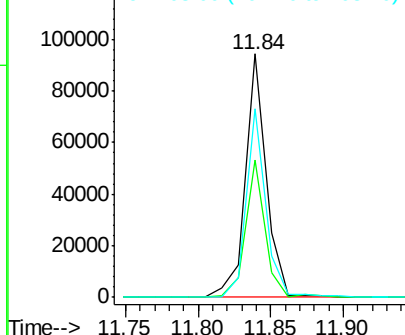
#61
4-Nitroaniline
Concen: 40.66 ng
RT: 11.84 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83015BS

Tgt Ion:138 Resp: 94142
Ion Ratio Lower Upper
138 100
92 56.5 28.0 68.0
108 77.2 56.3 96.3

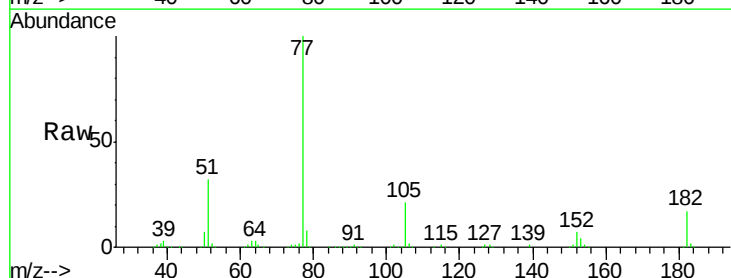


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

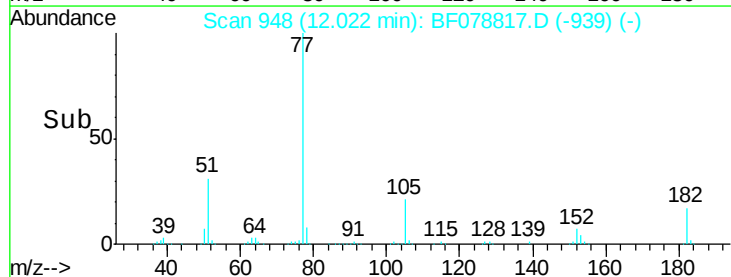
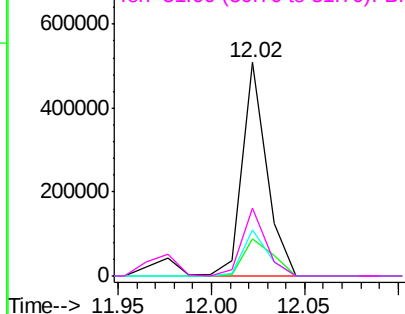


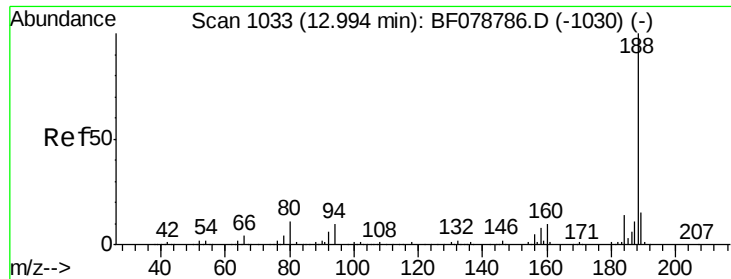
#62
Azobenzene
Concen: 41.73 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion: 77 Resp: 463563
Ion Ratio Lower Upper
77 100
182 17.2 3.8 43.8
105 21.5 3.9 43.9
51 31.6 10.8 50.8



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

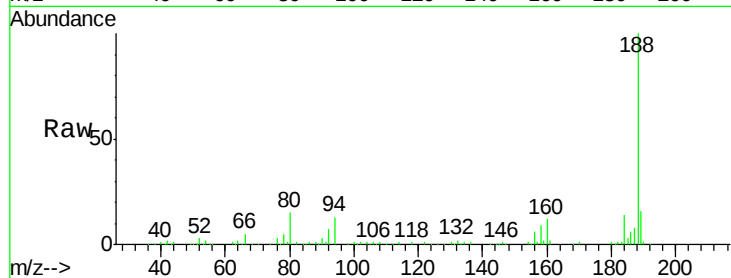




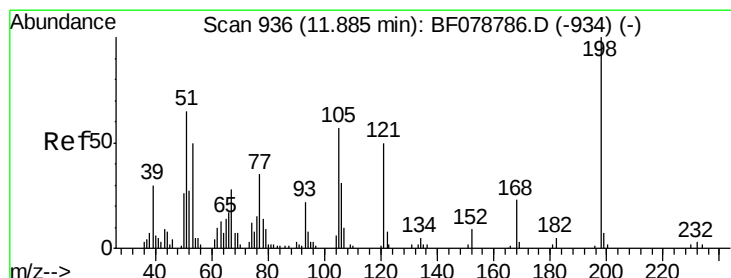
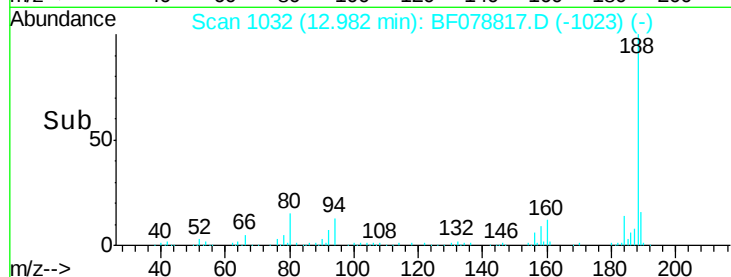
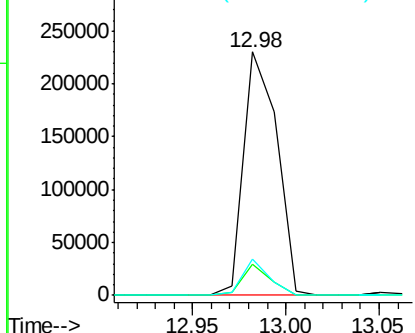
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83015BS

Tgt Ion:188 Resp: 285311
Ion Ratio Lower Upper
188 100
94 13.0 8.2 12.2#
80 15.1 8.9 13.3#

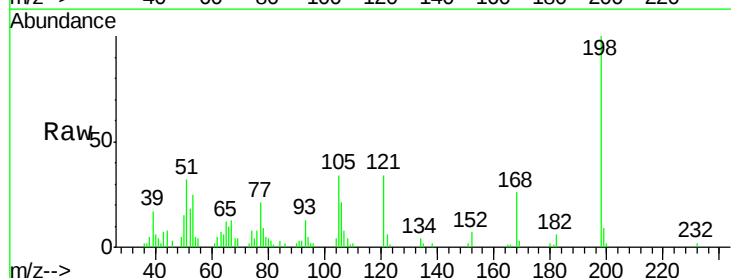


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

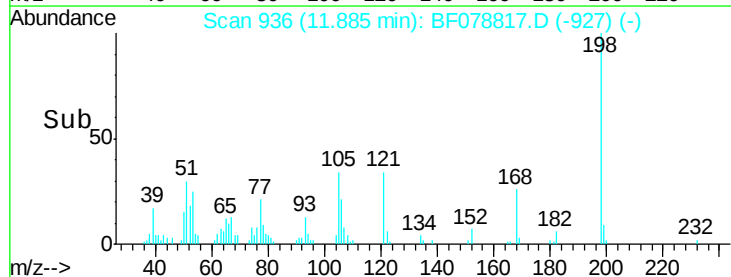
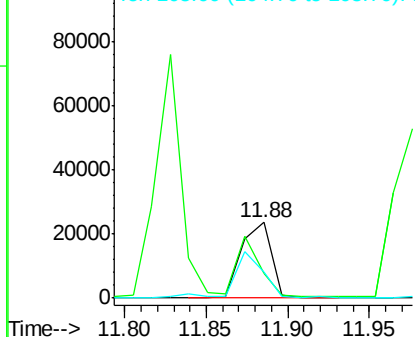


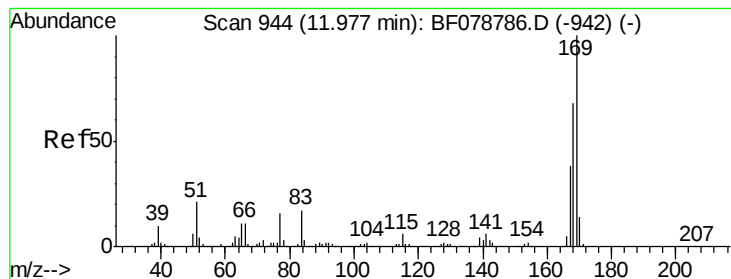
#64
4,6-Dinitro-2-methylphenol
Concen: 59.13 ng
RT: 11.88 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:198 Resp: 30108
Ion Ratio Lower Upper
198 100
51 32.1 47.3 87.3#
105 34.2 38.8 78.8#



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: 41.20 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

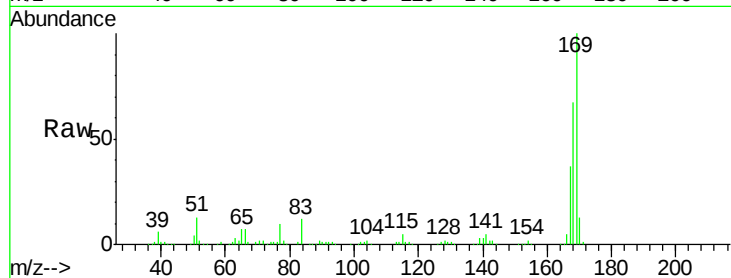
Tgt Ion:169 Resp: 380063

Ion Ratio Lower Upper

169 100

168 67.0 54.6 82.0

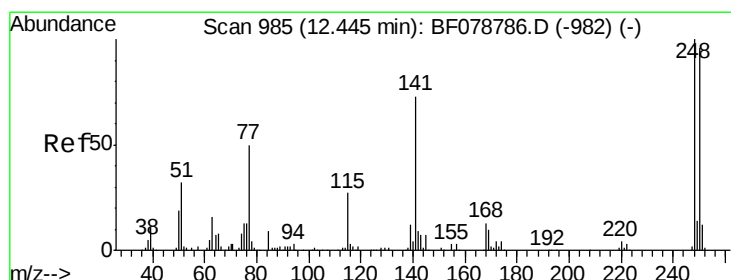
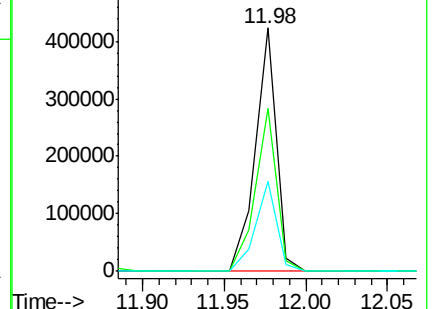
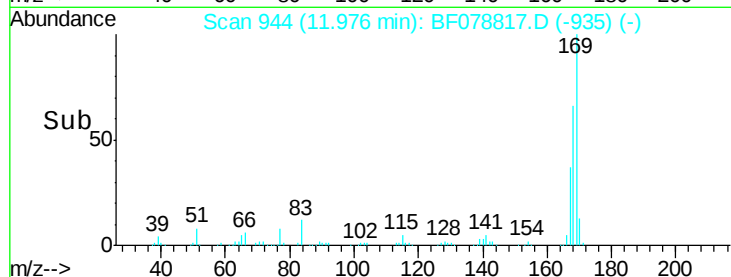
167 36.9 30.6 45.8



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: 39.95 ng

RT: 12.43 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

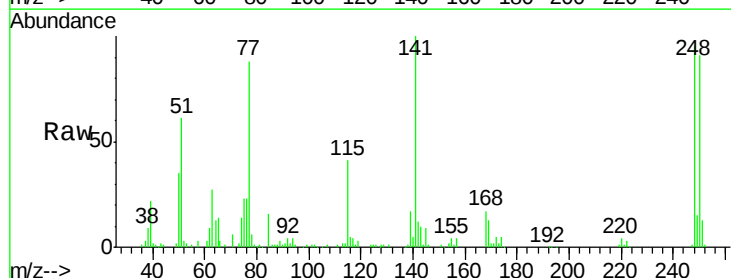
Tgt Ion:248 Resp: 115046

Ion Ratio Lower Upper

248 100

250 95.6 77.1 115.7

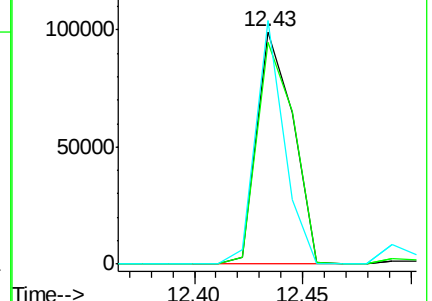
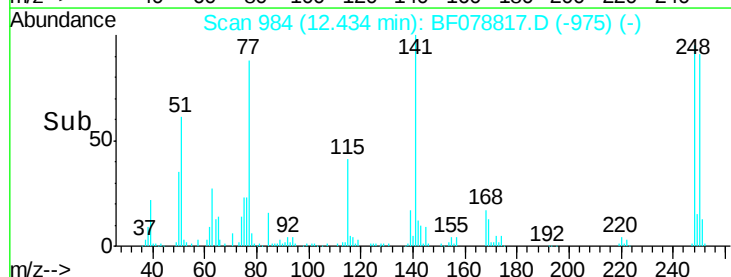
141 104.9 58.8 88.2#

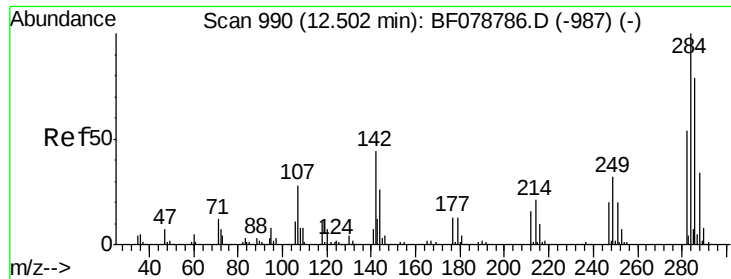


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.23 ng

RT: 12.50 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

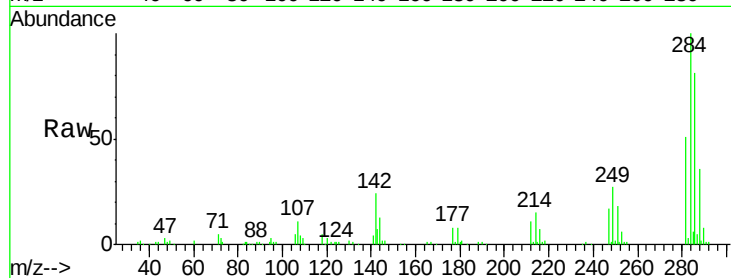
Tgt Ion:284 Resp: 131254

Ion Ratio Lower Upper

284 100

142 23.5 35.2 52.8#

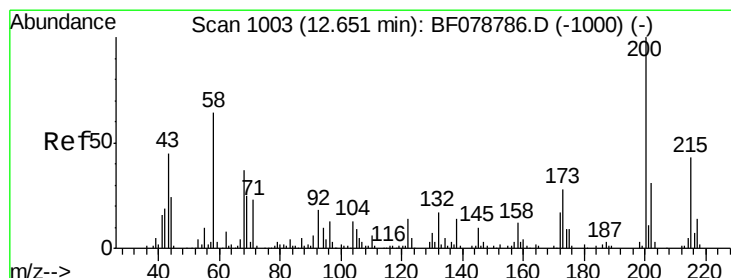
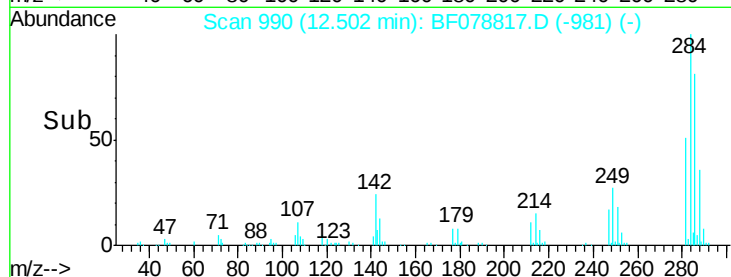
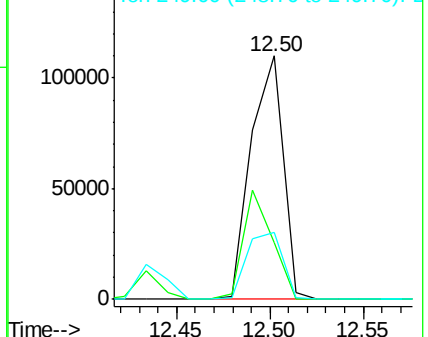
249 27.3 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.22 ng

RT: 12.65 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

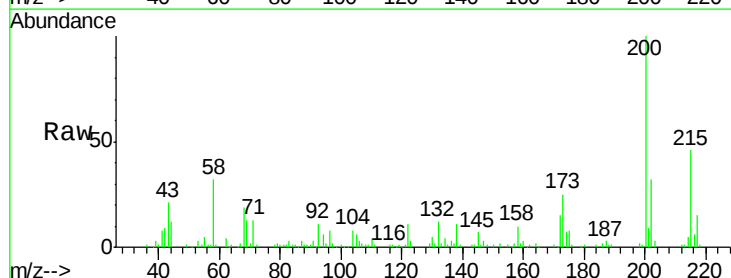
Tgt Ion:200 Resp: 114188

Ion Ratio Lower Upper

200 100

173 24.9 8.1 48.1

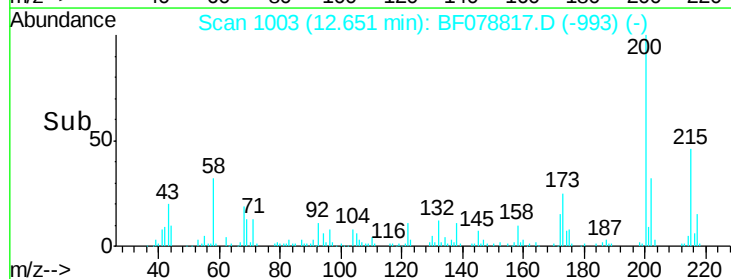
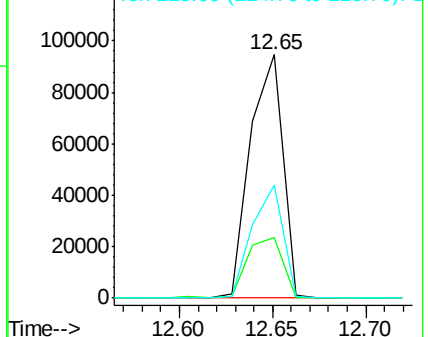
215 46.4 22.9 62.9

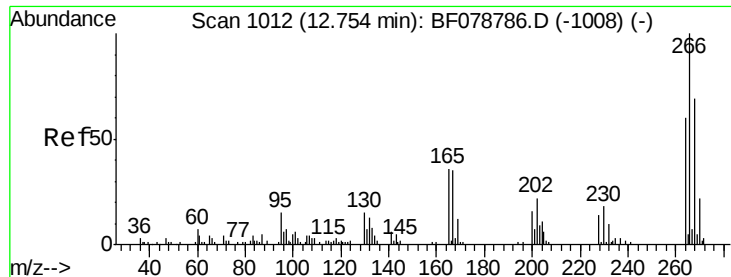


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

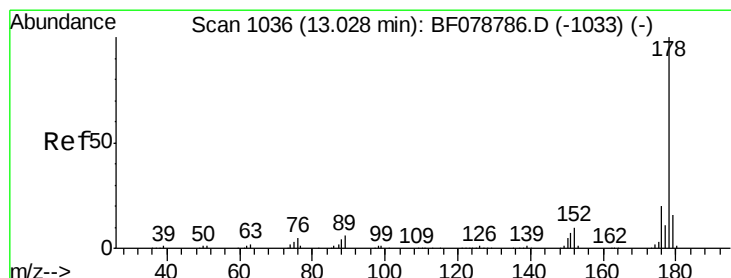
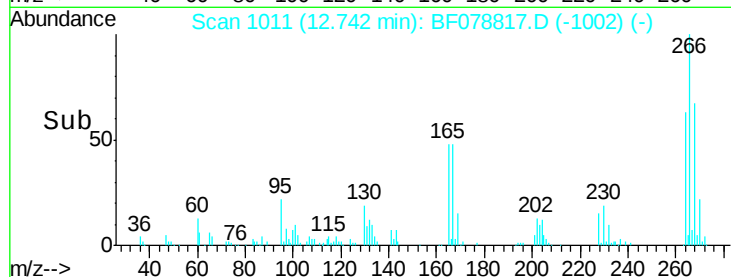
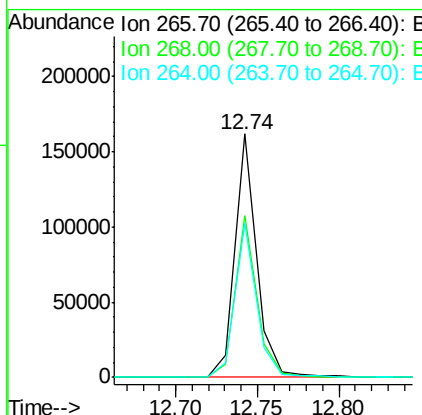
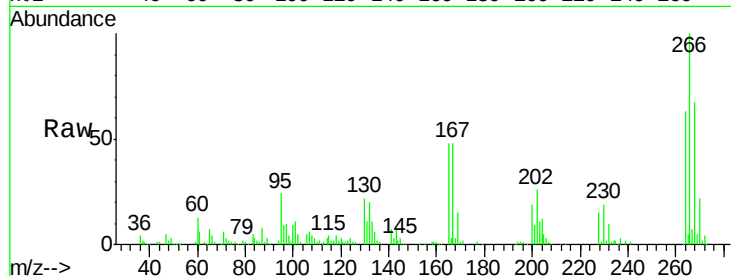




#69
 Pentachlorophenol
 Concen: 84.38 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

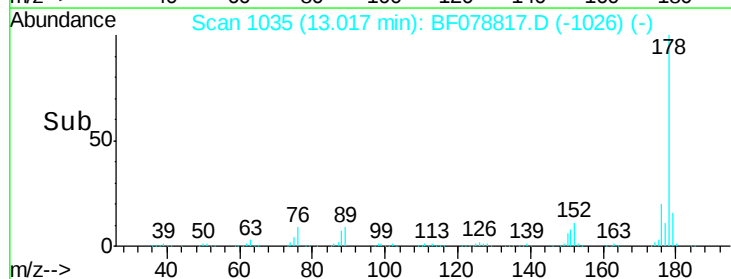
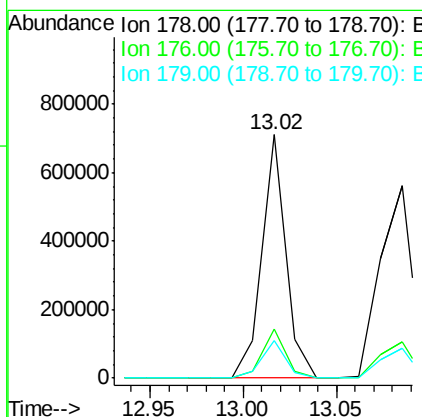
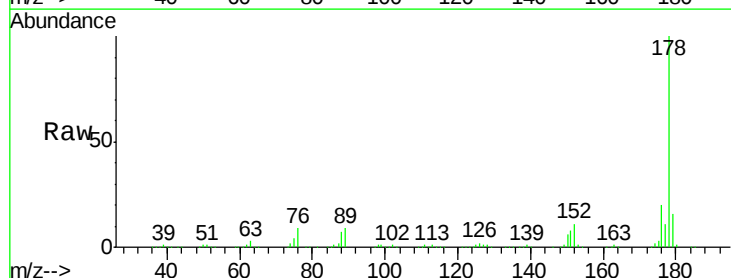
Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

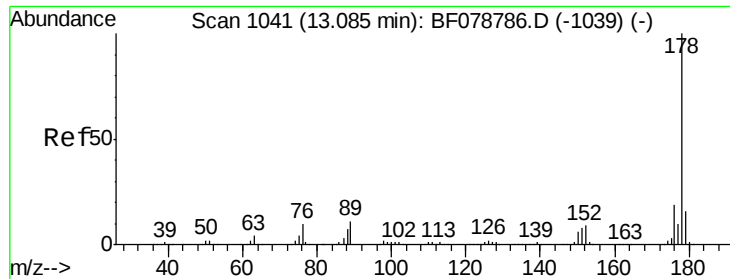
Tgt Ion: 266 Resp: 146648
 Ion Ratio Lower Upper
 266 100
 268 66.6 55.0 82.6
 264 63.5 48.2 72.2



#70
 Phenanthrene
 Concen: 41.44 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion: 178 Resp: 640166
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 12.5 18.7

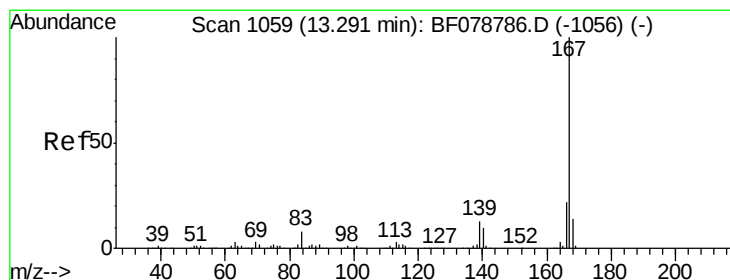
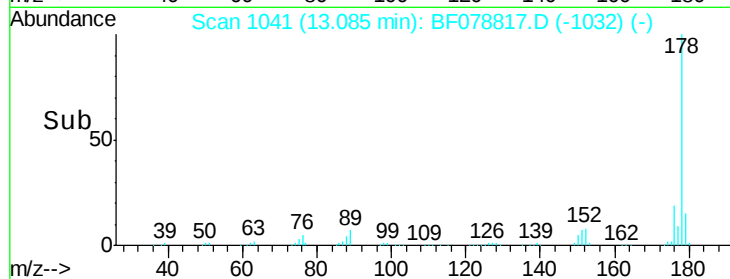
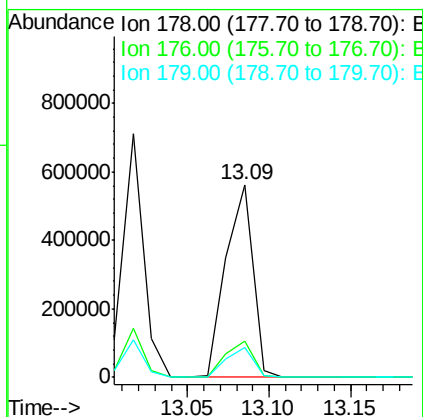
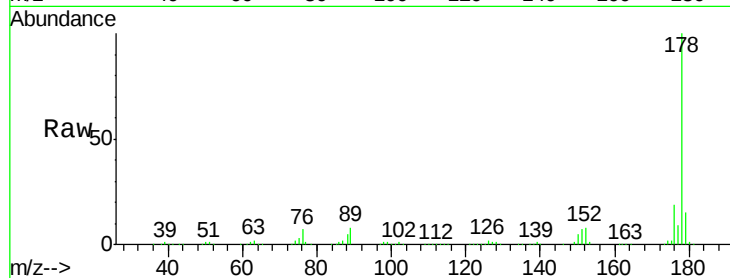




#71
 Anthracene
 Concen: 42.64 ng
 RT: 13.09 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

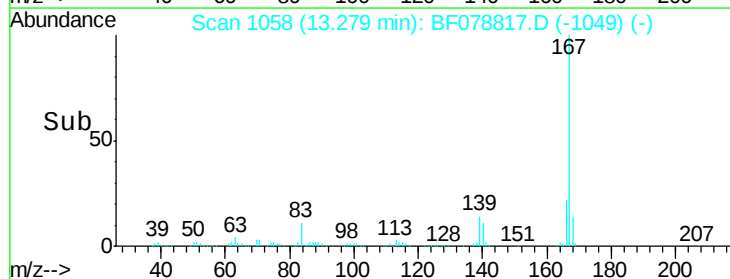
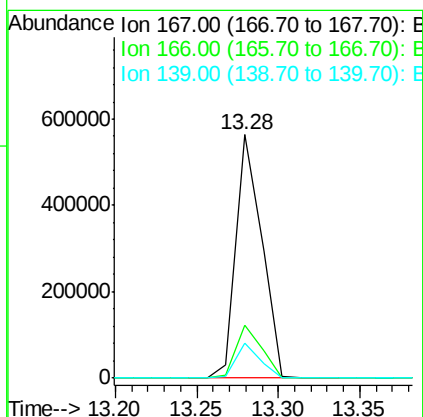
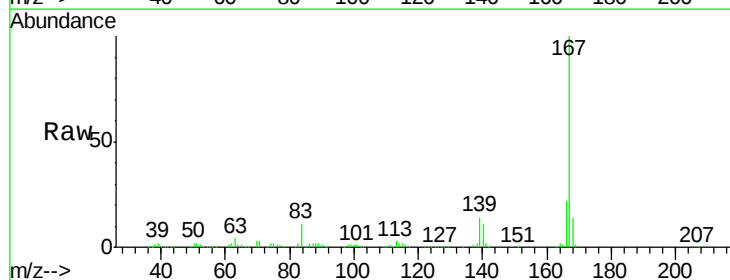
Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

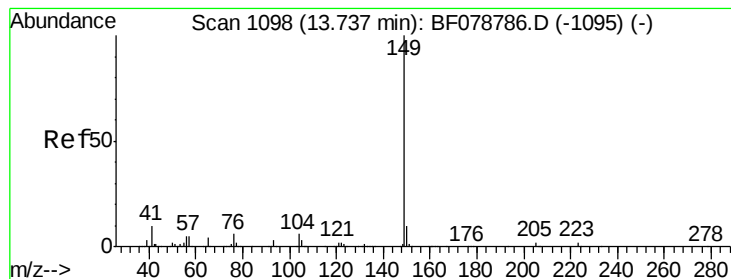
Tgt Ion:178 Resp: 644043
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 43.09 ng
 RT: 13.28 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion:167 Resp: 614483
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 14.3 10.6 16.0





#73

Di-n-butylphthalate

Concen: 42.45 ng

RT: 13.74 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

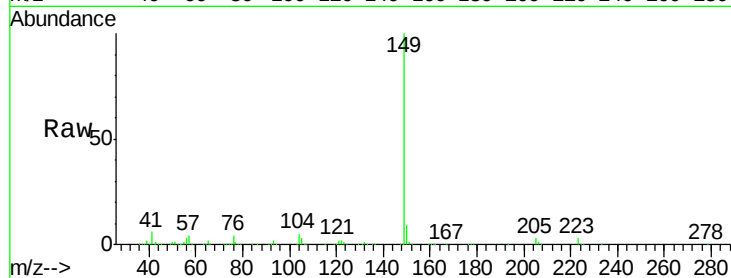
Tgt Ion:149 Resp: 701354

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

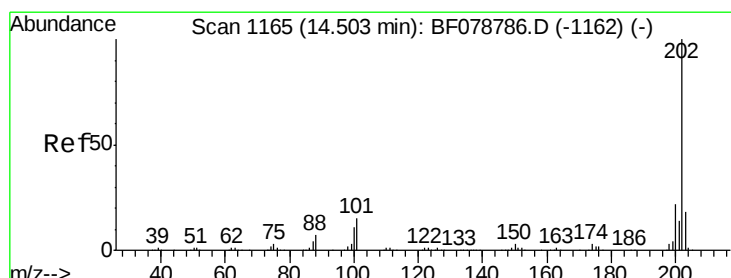
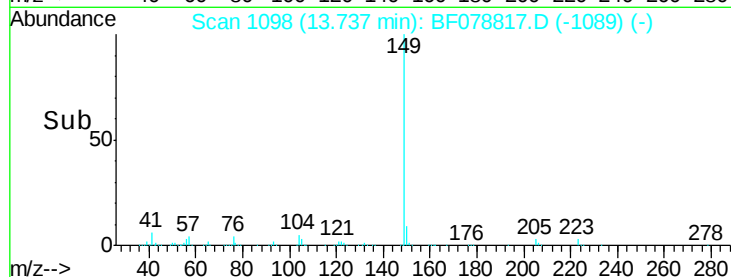
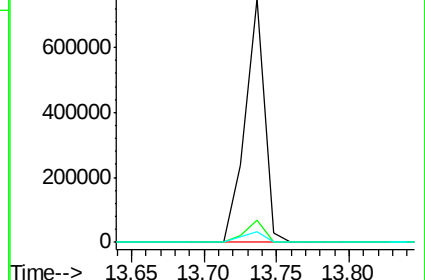
104 4.6 4.6 7.0#



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: 44.25 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

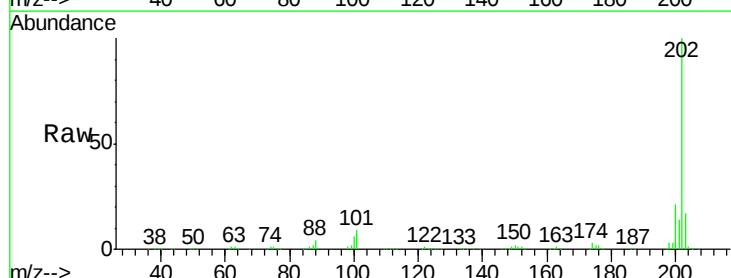
Tgt Ion:202 Resp: 681625

Ion Ratio Lower Upper

202 100

101 8.6 0.0 34.6

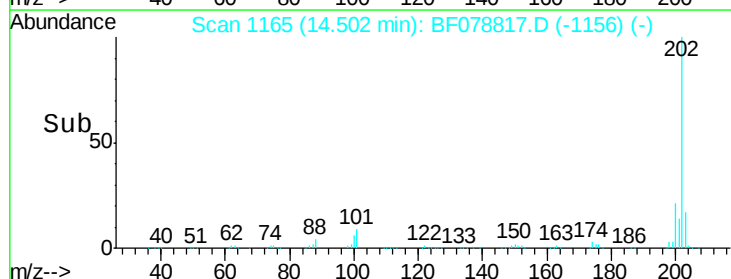
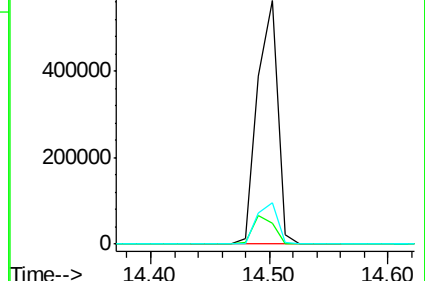
203 17.0 0.0 38.4

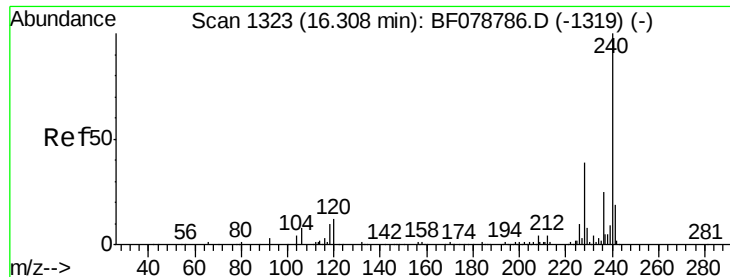


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.31 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

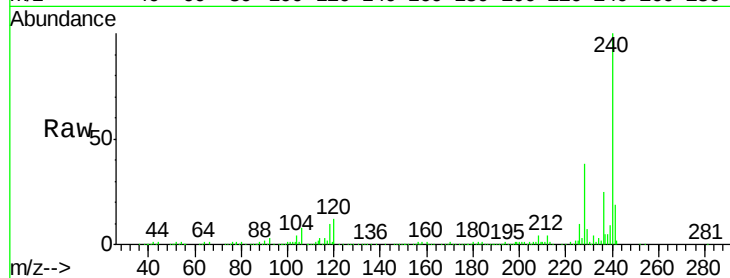
Tgt Ion:240 Resp: 310510

Ion Ratio Lower Upper

240 100

120 11.8 9.7 14.5

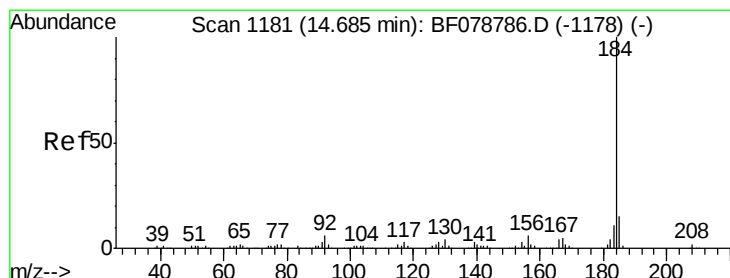
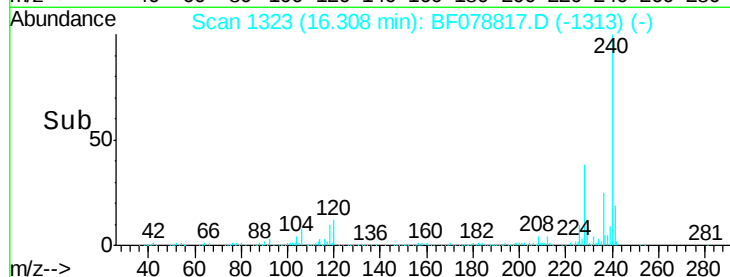
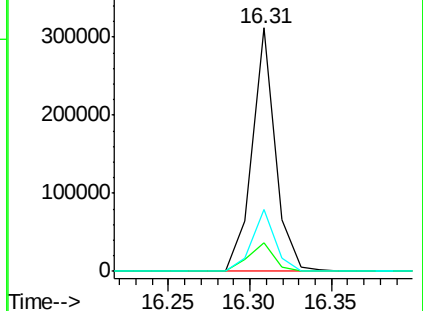
236 25.4 20.2 30.4



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: 23.19 ng

RT: 14.67 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

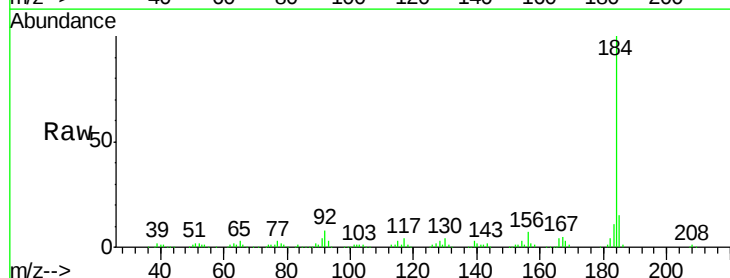
Tgt Ion:184 Resp: 233130

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

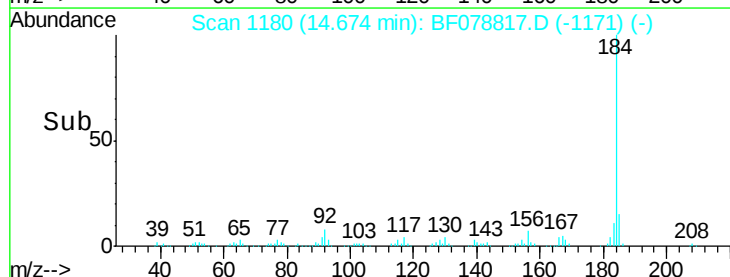
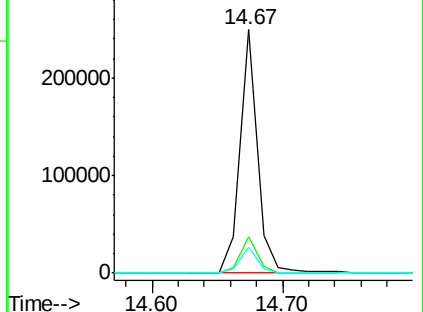
183 10.9 8.4 12.6

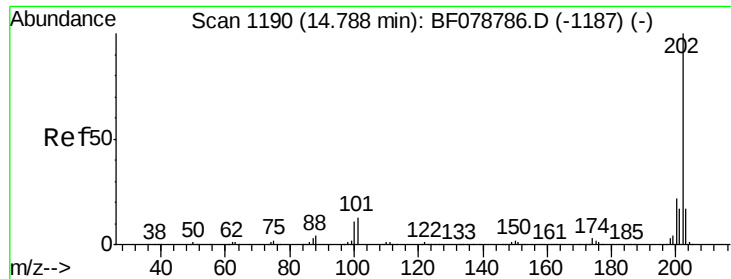


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

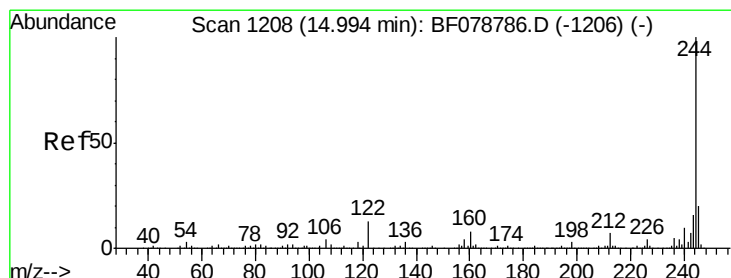
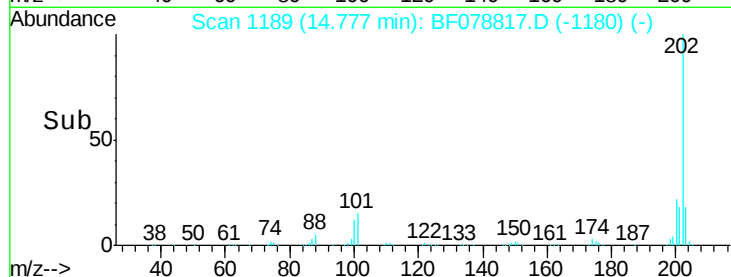
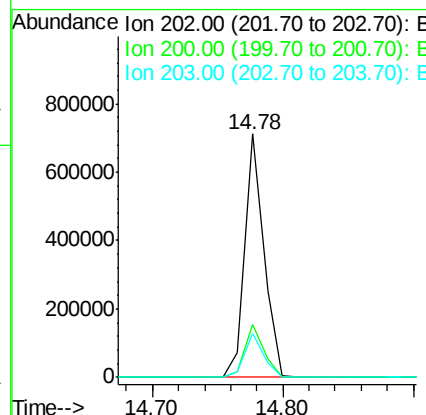
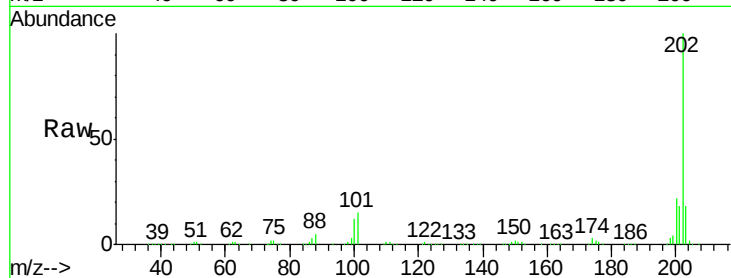




#77
 Pyrene
 Concen: 39.55 ng
 RT: 14.78 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

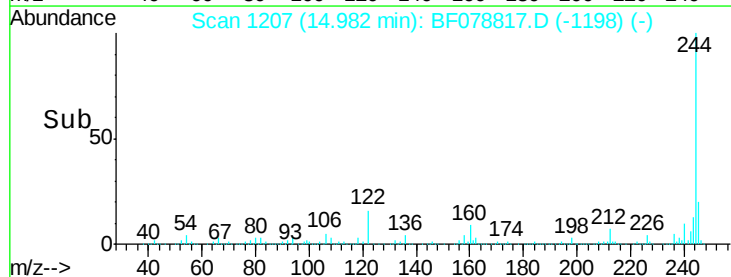
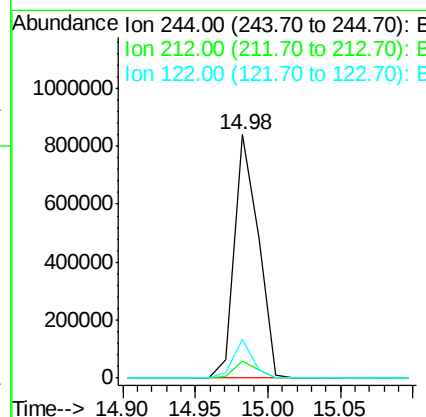
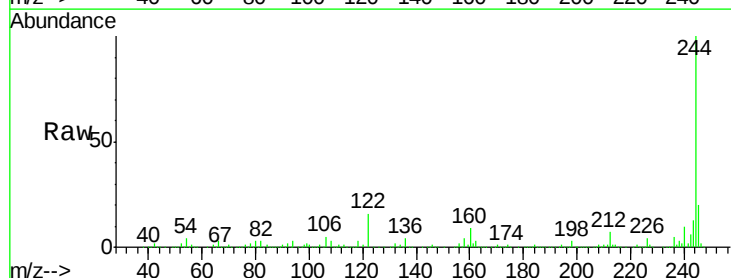
Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

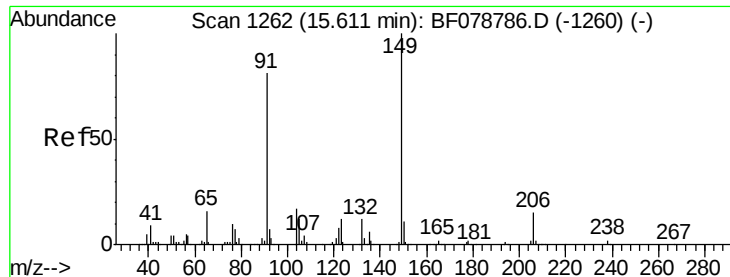
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	18.0	13.9	20.9



#78
 Terphenyl-d14
 Concen: 73.74 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	15.8	10.3	15.5

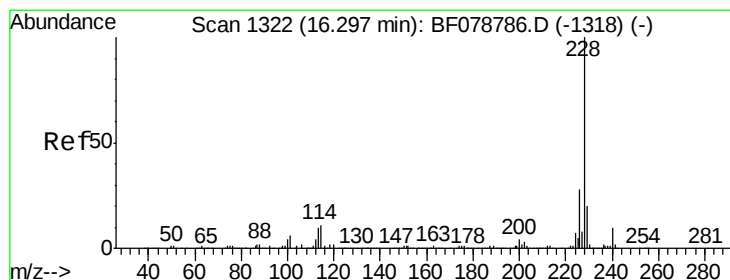
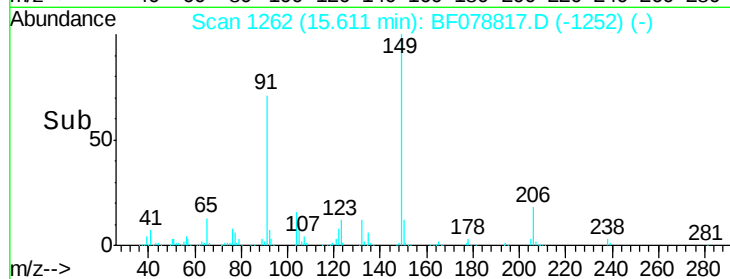
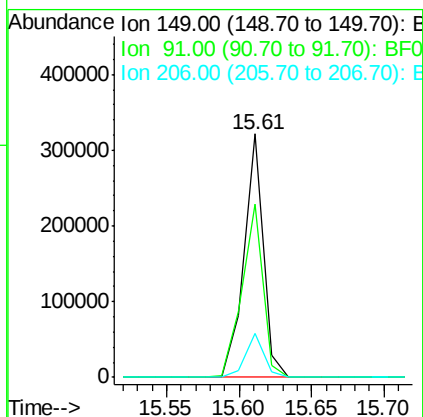
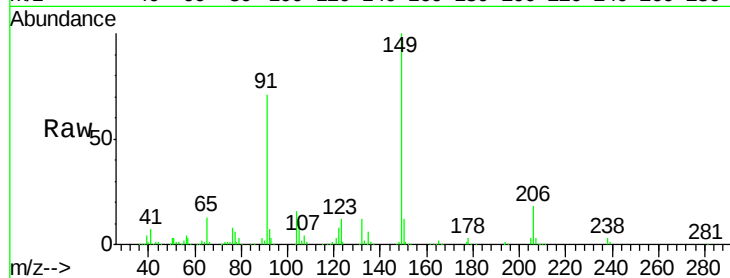




#79
Butylbenzylphthalate
Concen: 42.90 ng
RT: 15.61 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

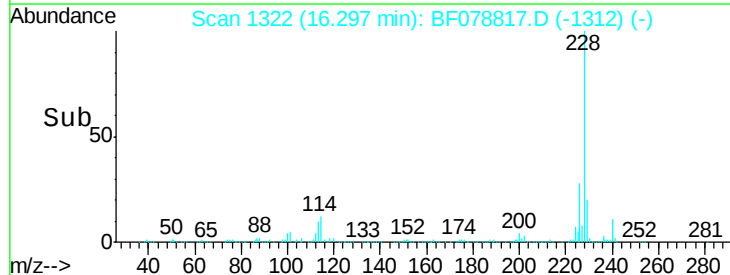
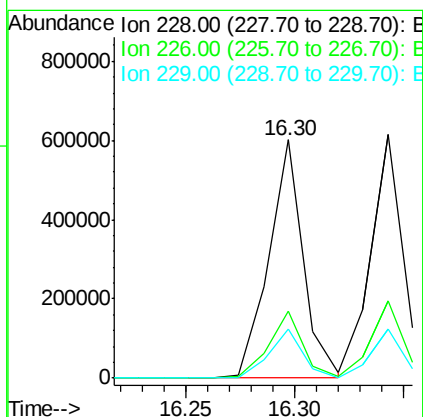
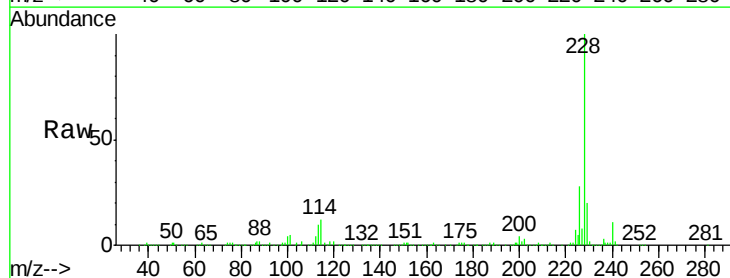
Instrument :
BNA_F
ClientSampleId :
PB83015BS

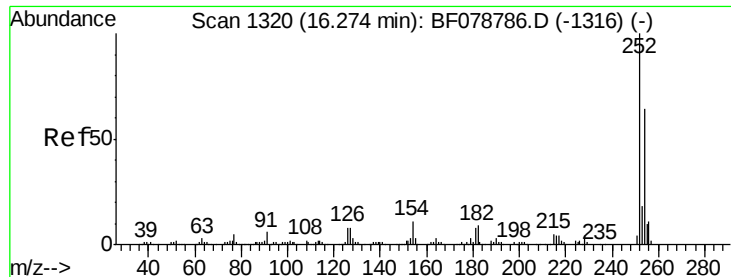
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.2	64.6	97.0
206	18.2	12.2	18.4



#80
Benzo(a)anthracene
Concen: 40.01 ng
RT: 16.30 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.4	15.9	23.9

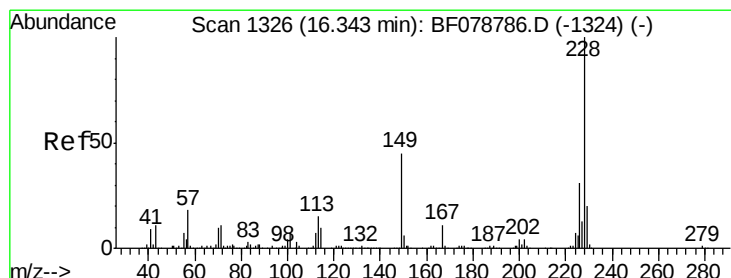
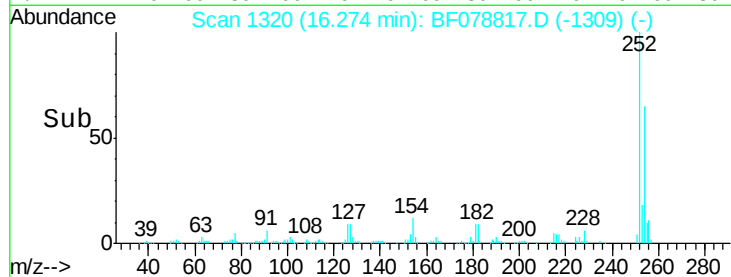
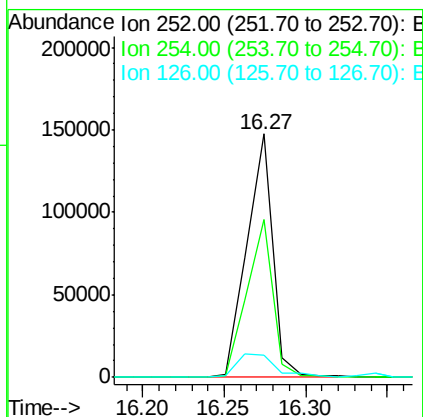
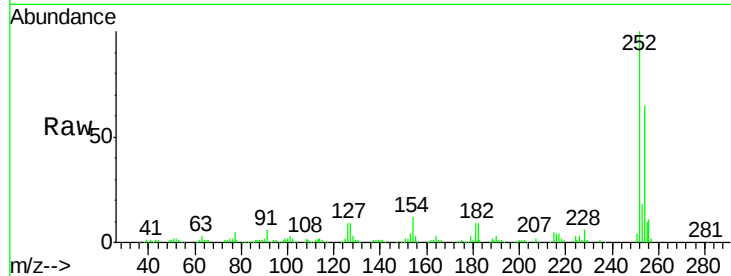




#81
 3,3'-Dichlorobenzidine
 Concen: 28.78 ng
 RT: 16.27 min Scan# 1320
 Delta R.T. 0.02 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

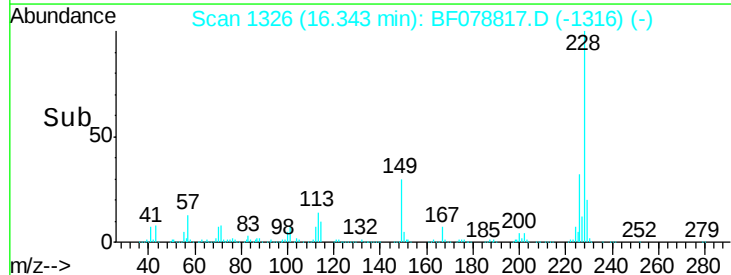
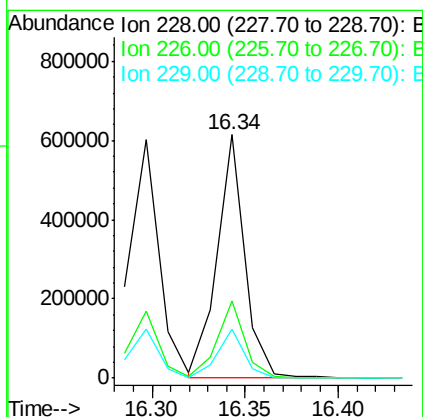
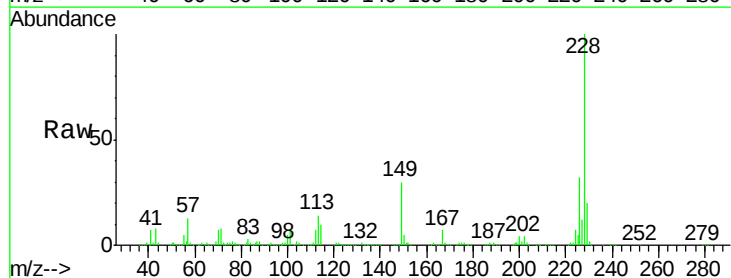
Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

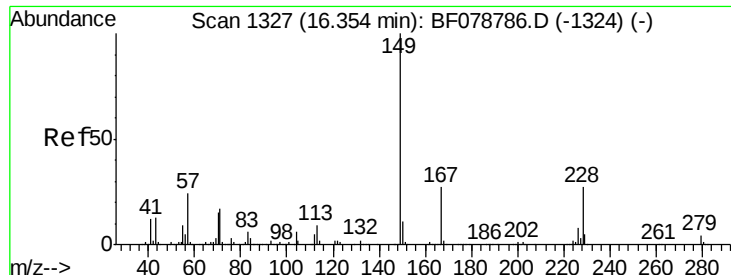
Tgt Ion: 252 Resp: 163222
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.3 76.9
 126 8.9 6.6 10.0



#82
 Chrysene
 Concen: 38.88 ng
 RT: 16.34 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion: 228 Resp: 631448
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 20.1 16.0 24.0

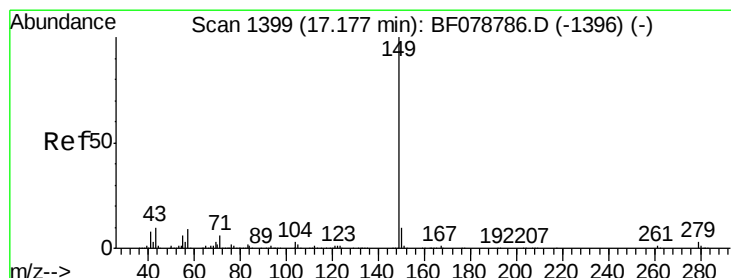
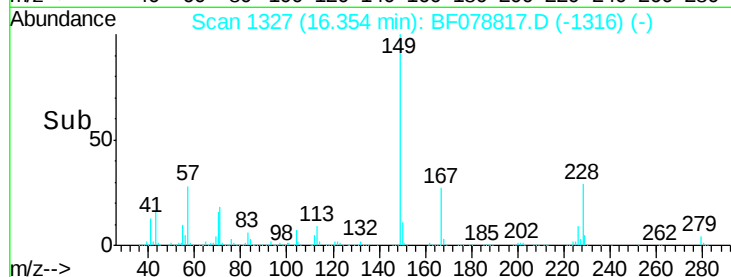
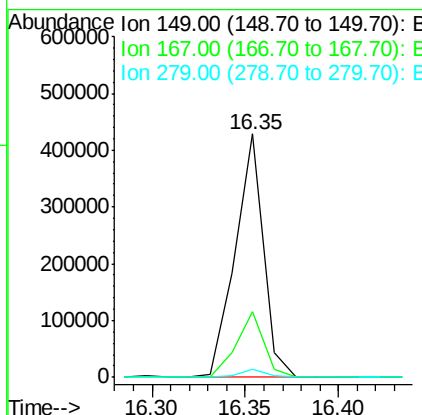
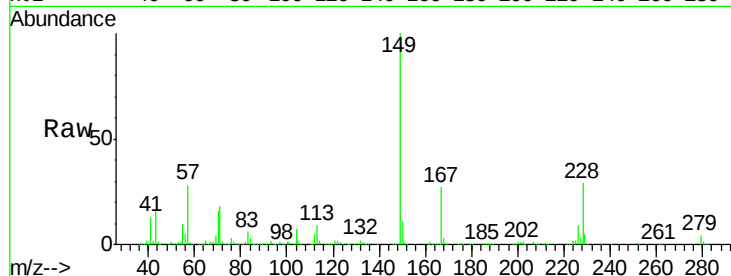




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.85 ng
 RT: 16.35 min Scan# 1327
 Delta R.T. 0.02 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

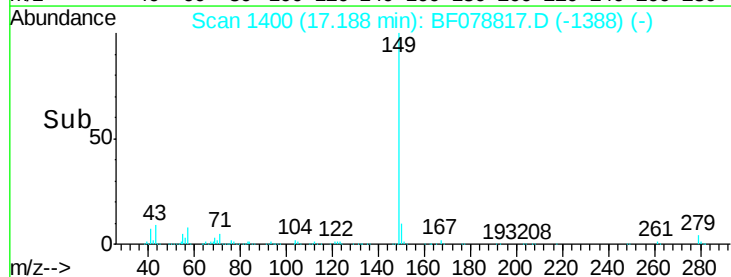
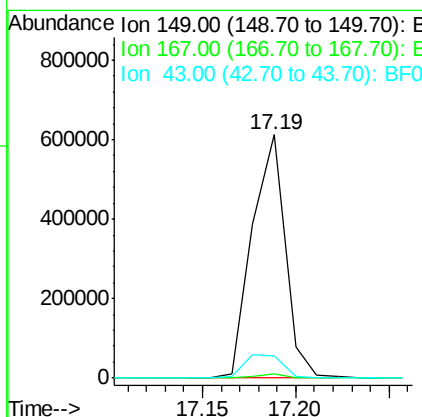
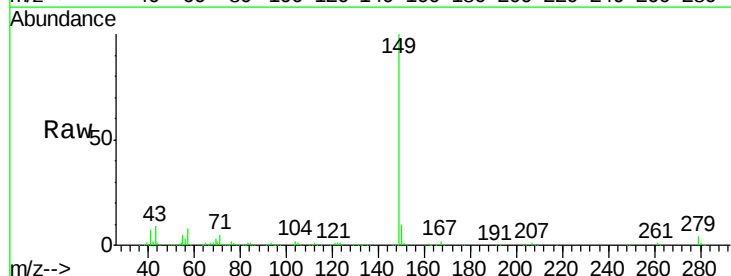
Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

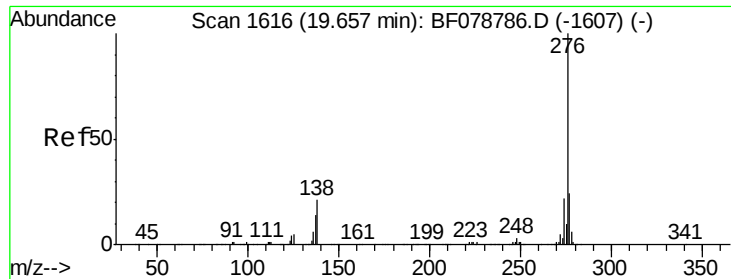
Tgt Ion:149 Resp: 456221
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.8 32.8
 279 3.6 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 42.51 ng
 RT: 17.19 min Scan# 1400
 Delta R.T. 0.03 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion:149 Resp: 753655
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 11.3 0.0 0.0#

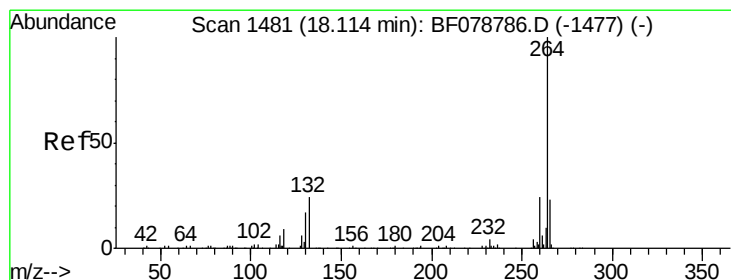
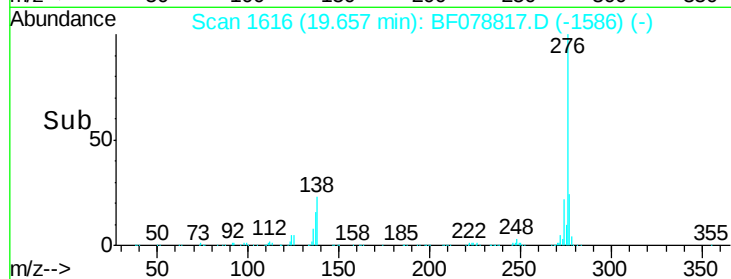
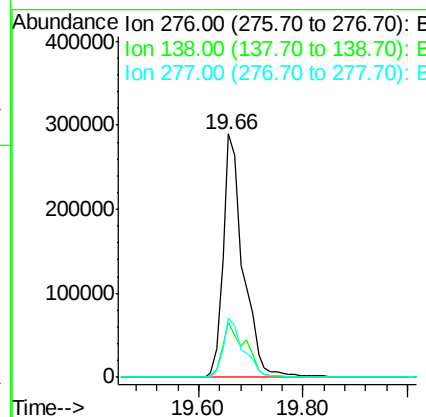
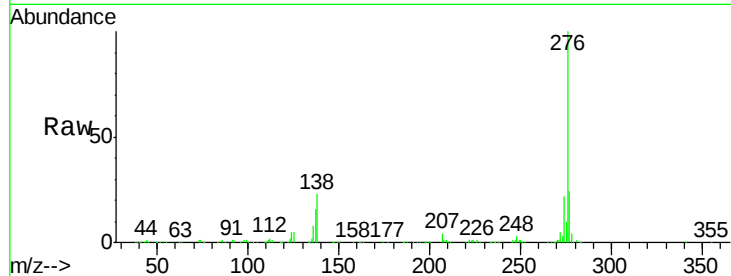




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.89 ng
 RT: 19.66 min Scan# 1616
 Delta R.T. 0.05 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

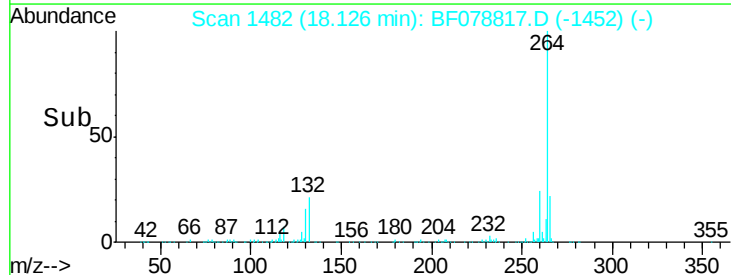
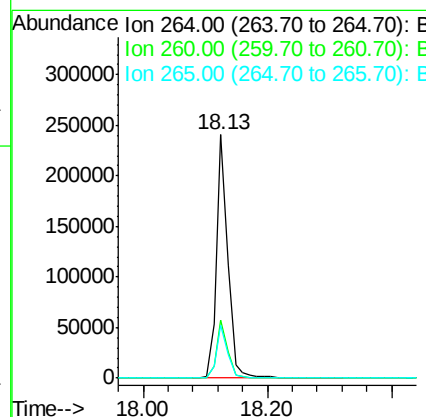
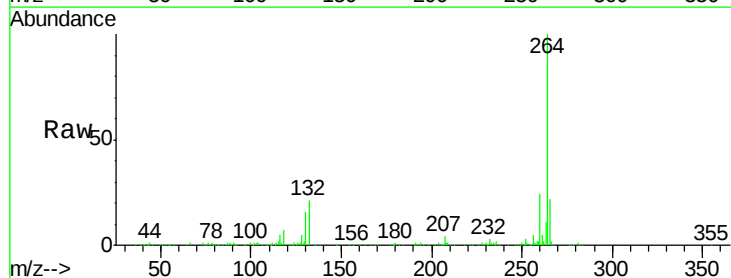
Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

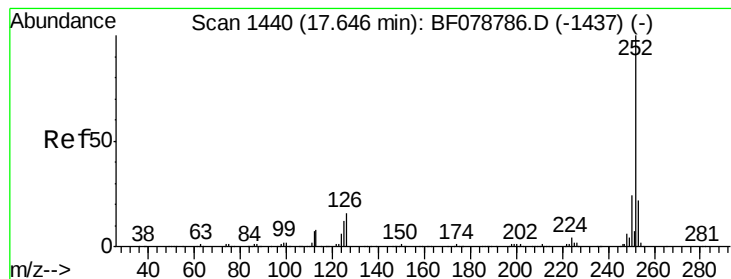
Tgt Ion: 276 Resp: 771638
 Ion Ratio Lower Upper
 276 100
 138 26.3 0.0 0.0#
 277 24.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.13 min Scan# 1482
 Delta R.T. 0.05 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Tgt Ion: 264 Resp: 299704
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.8 18.3 27.5





#87

Benzo(b)fluoranthene

Concen: 47.46 ng

RT: 17.66 min Scan# 1441

Delta R.T. 0.03 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

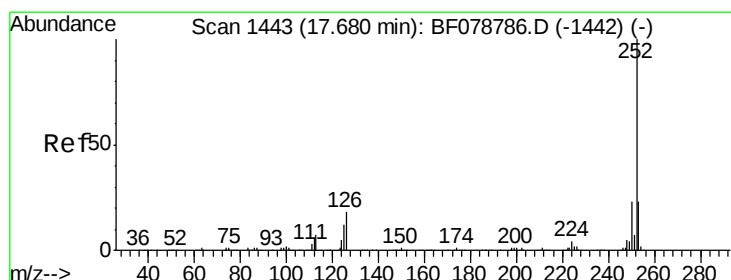
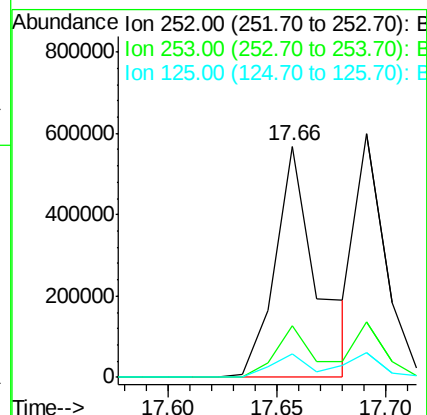
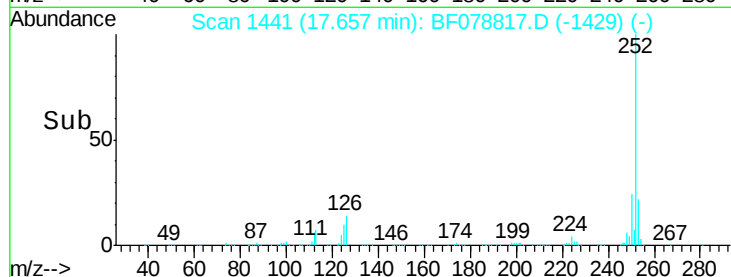
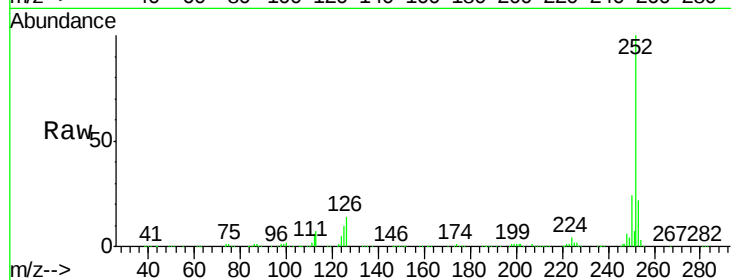
Tgt Ion:252 Resp: 769964

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.2 9.5 14.3



#88

Benzo(k)fluoranthene

Concen: 35.60 ng

RT: 17.69 min Scan# 1444

Delta R.T. 0.03 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

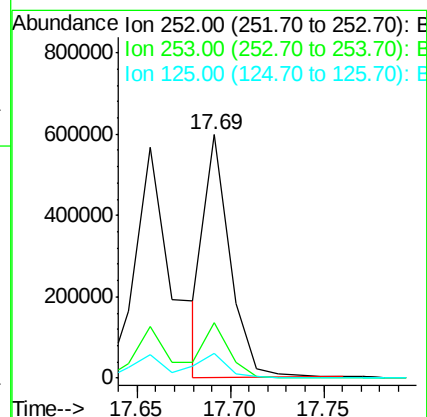
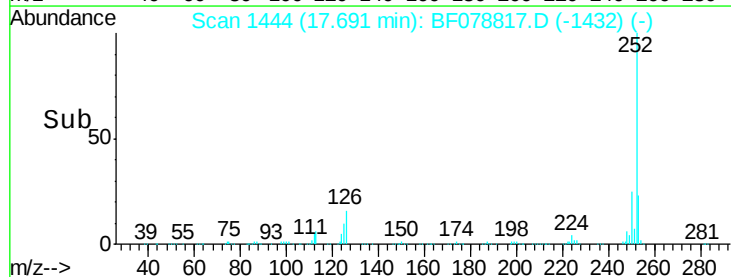
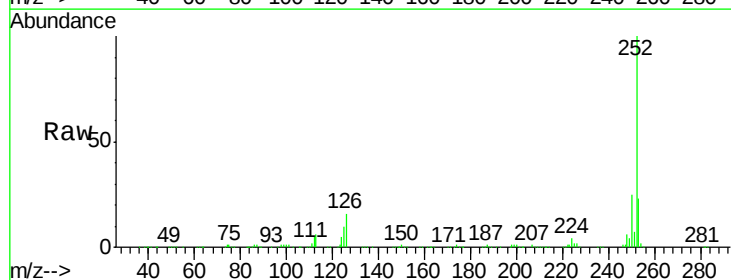
Tgt Ion:252 Resp: 559688

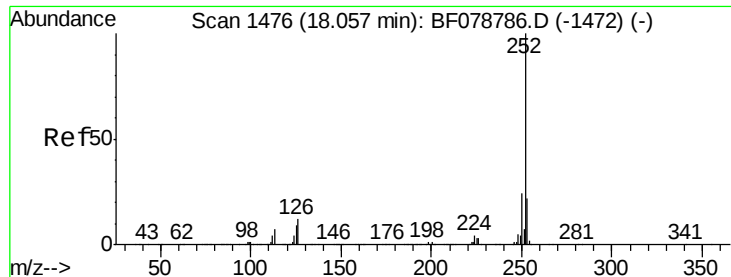
Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 10.0 10.0 15.0





#89

Benzo(a)pyrene

Concen: 43.41 ng

RT: 18.06 min Scan# 1476

Delta R.T. 0.05 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83015BS

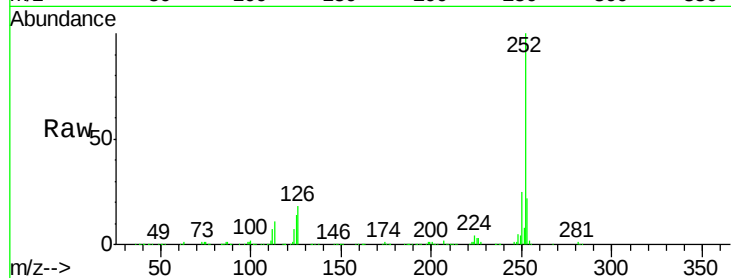
Tgt Ion: 252 Resp: 630099

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

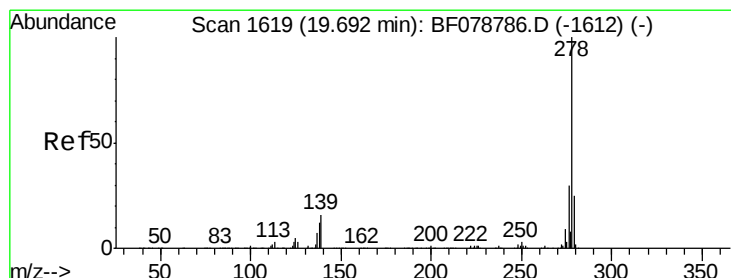
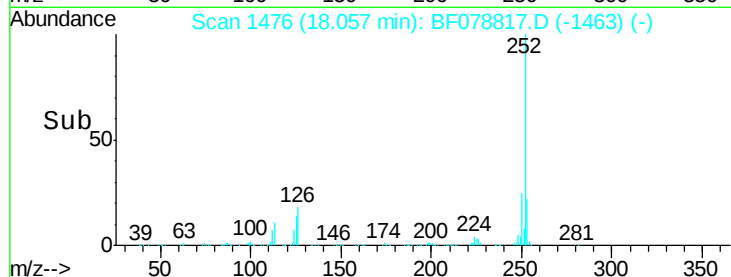
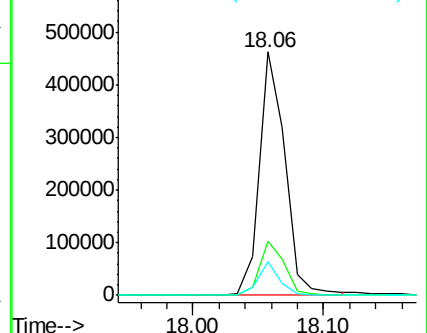
125 13.8 7.0 10.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.04 ng

RT: 19.69 min Scan# 1619

Delta R.T. 0.05 min

Lab File: BF078817.D

Acq: 29 Apr 2015 17:03

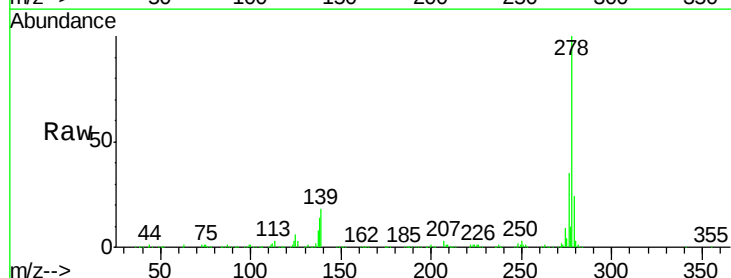
Tgt Ion: 278 Resp: 632070

Ion Ratio Lower Upper

278 100

139 17.7 12.8 19.2

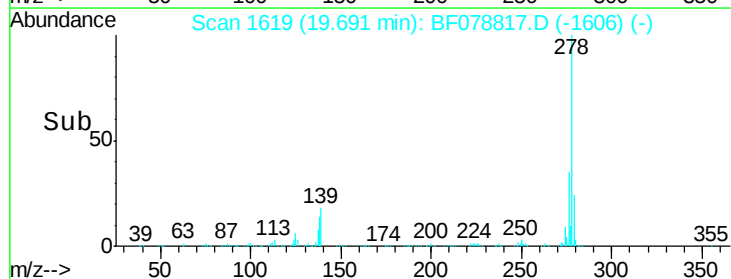
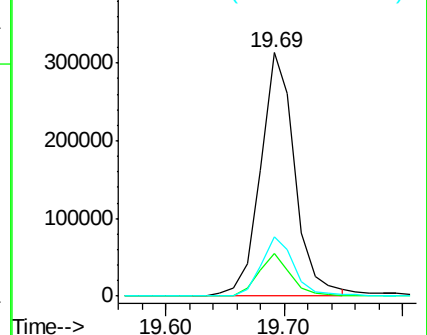
279 24.3 19.6 29.4

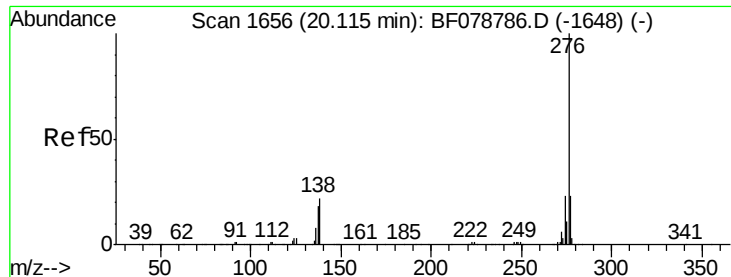


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 42.68 ng
 RT: 20.11 min Scan# 1656
 Delta R.T. 0.05 min
 Lab File: BF078817.D
 Acq: 29 Apr 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83015BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	22.6	17.4	26.0

