

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078808.D
 Acq On : 29 Apr 2015 12:46
 Operator : TP/IZ
 Sample : PB83058BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

Quant Time: Apr 30 01:26:44 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	77833	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	329851	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	160820	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	293434	20.00	ng	0.00
75) Chrysene-d12	16.29	240	306553	20.00	ng	-0.01
86) Perylene-d12	18.05	264	305066	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	568525	134.16	ng	0.00
7) Phenol-d6	6.92	99	717369	126.75	ng	0.00
23) Nitrobenzene-d5	8.07	82	388247	84.74	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	205884	128.82	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	890999	75.87	ng	0.00
78) Terphenyl-d14	14.98	244	995182	77.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	68705	35.34	ng	# 19
3) Pyridine	3.14	79	215099	37.46	ng	94
4) n-Nitrosodimethylamine	3.06	42	104807m	40.63	ng	
6) Aniline	6.97	93	186058	22.51	ng	99
8) 2-Chlorophenol	7.11	128	207943	42.69	ng	94
9) Benzaldehyde	6.83	77	15035	3.68	ng	93
10) Phenol	6.95	94	267730	40.02	ng	90
11) bis(2-Chloroethyl)ether	7.07	93	204435	41.32	ng	87
12) 1,3-Dichlorobenzene	7.31	146	218851	38.70	ng	# 91
13) 1,4-Dichlorobenzene	7.40	146	231366	39.96	ng	95
14) 1,2-Dichlorobenzene	7.59	146	219845	40.63	ng	98
15) Benzyl Alcohol	7.55	79	175101	41.52	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.74	45	322803	41.74	ng	98
17) 2-Methylphenol	7.69	107	171452	43.48	ng	94
18) Hexachloroethane	8.01	117	80749	42.22	ng	90
19) n-Nitroso-di-n-propylamine	7.90	70	163529	41.41	ng	# 86
20) 3+4-Methylphenols	7.88	107	222294	43.28	ng	91
22) Acetophenone	7.88	105	298264	40.82	ng	# 90
24) Nitrobenzene	8.09	77	209381	42.68	ng	96
25) Isophorone	8.40	82	405967	39.20	ng	# 90
26) 2-Nitrophenol	8.49	139	80111	55.43	ng	# 89
27) 2,4-Dimethylphenol	8.55	122	198841	43.28	ng	95
28) bis(2-Chloroethoxy)methane	8.67	93	273300	42.73	ng	98
29) 2,4-Dichlorophenol	8.78	162	171930	43.78	ng	94
30) 1,2,4-Trichlorobenzene	8.89	180	179622	39.83	ng	97
31) Naphthalene	8.98	128	597060	38.14	ng	100
32) Benzoic acid	8.63	122	85995	61.67	ng	95
33) 4-Chloroaniline	9.05	127	126812	19.25	ng	# 95
34) Hexachlorobutadiene	9.14	225	100379	39.45	ng	97
35) Caprolactam	9.47	113	52430	41.93	ng	# 80
36) 4-Chloro-3-methylphenol	9.66	107	186557	45.24	ng	87
37) 2-Methylnaphthalene	9.85	142	443783	42.13	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	173570	38.09	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	172915	90.28	ng	96

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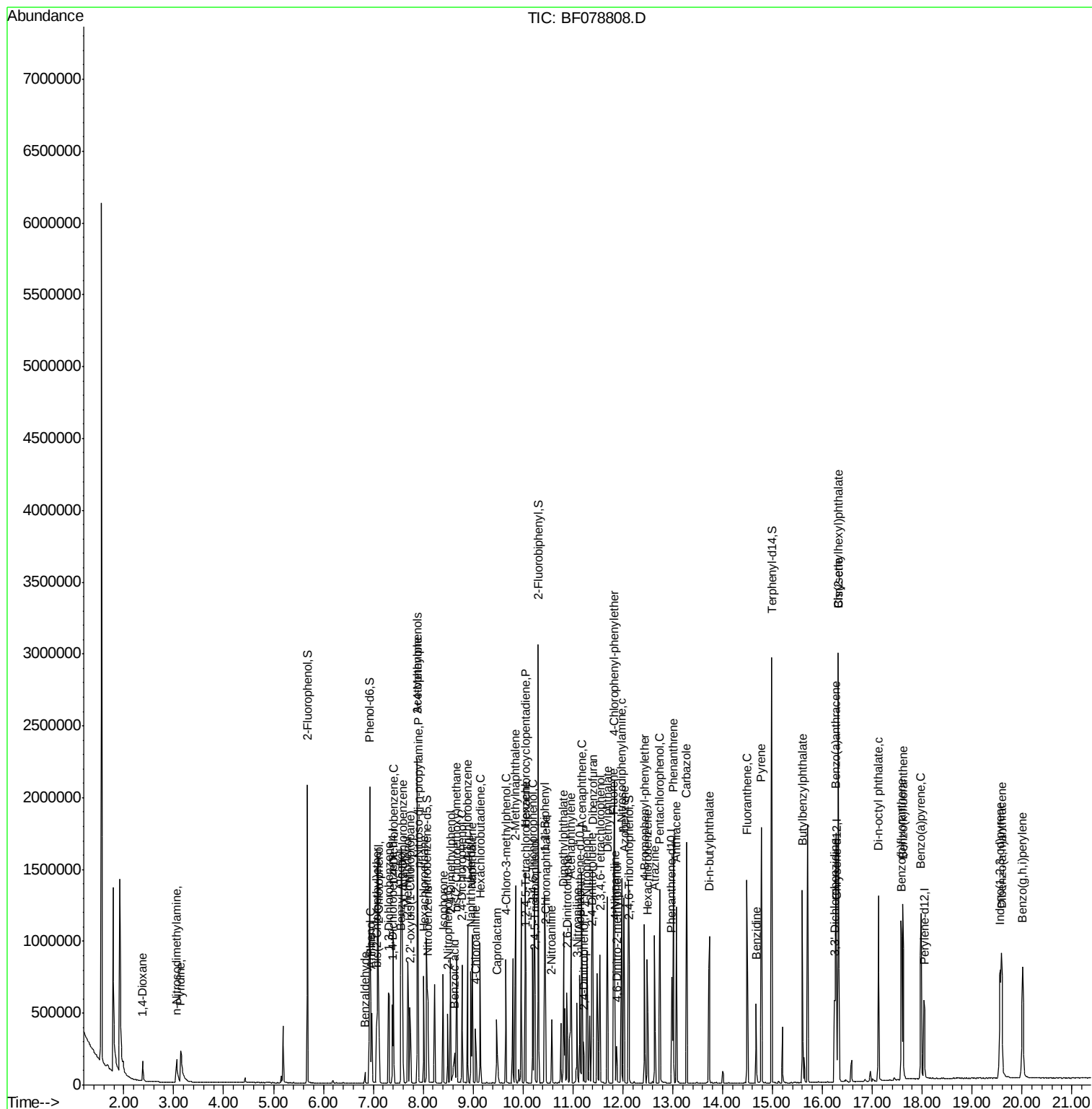
Quant Time: Apr 30 01:26:44 2015
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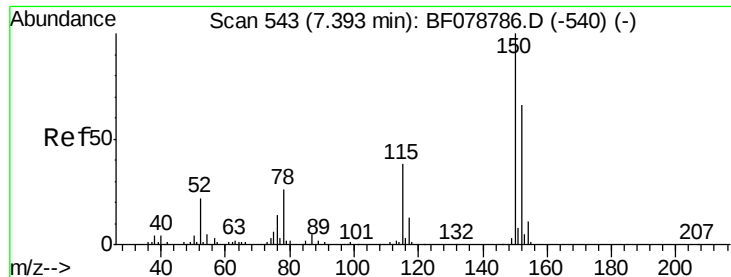
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	118292	42.61	nq	97
43) 2,4,5-Trichlorophenol	10.24	196	123924	41.94	nq	# 91
45) 1,1'-Biphenyl	10.43	154	517663	40.11	nq	96
46) 2-Chloronaphthalene	10.46	162	389119	38.58	nq	93
47) 2-Nitroaniline	10.57	65	102492	46.52	nq	87
48) Acenaphthylene	10.96	152	633273	38.37	nq	100
49) Dimethylphthalate	10.81	163	442967	38.75	nq	98
50) 2,6-Dinitrotoluene	10.88	165	82993	44.56	nq	# 73
51) Acenaphthene	11.18	154	388892	40.12	nq	99
52) 3-Nitroaniline	11.09	138	74205	30.71	nq	87
53) 2,4-Dinitrophenol	11.22	184	38114	128.49	nq	# 75
54) Dibenzofuran	11.39	168	573707	40.35	nq	98
55) 4-Nitrophenol	11.28	139	166174	85.23	nq	# 71
56) 2,4-Dinitrotoluene	11.38	165	119343	51.91	nq	# 69
57) Fluorene	11.82	166	454581	39.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	102011	46.10	nq	# 100
59) Diethylphthalate	11.69	149	468388	41.17	nq	97
60) 4-Chlorophenyl-phenylether	11.83	204	204494	40.43	nq	92
61) 4-Nitroaniline	11.84	138	97684	40.44	nq	94
62) Azobenzene	12.02	77	493297	42.53	nq	95
64) 4,6-Dinitro-2-methylphenol	11.87	198	28963	56.40	nq	# 58
65) n-Nitrosodiphenylamine	11.98	169	401042	42.27	nq	100
66) 4-Bromophenyl-phenylether	12.43	248	122537	41.37	nq	# 89
67) Hexachlorobenzene	12.49	284	140321	41.82	nq	# 89
68) Atrazine	12.64	200	117793	46.36	nq	97
69) Pentachlorophenol	12.74	266	155649	86.21	nq	97
70) Phenanthrene	13.02	178	672940	42.36	nq	100
71) Anthracene	13.07	178	672091	43.27	nq	99
72) Carbazole	13.28	167	649055	44.25	nq	99
73) Di-n-butylphthalate	13.74	149	730717	43.00	nq	# 97
74) Fluoranthene	14.49	202	698809	44.11	nq	99
76) Benzidine	14.67	184	230370	23.22	nq	99
77) Pyrene	14.78	202	734246	40.99	nq	99
79) Butylbenzylphthalate	15.60	149	304184	44.29	nq	99
80) Benzo(a)anthracene	16.27	228	683005	41.53	nq	100
81) 3,3'-Dichlorobenzidine	16.25	252	177414	31.69	nq	96
82) Chrysene	16.32	228	648643	40.46	nq	100
83) Bis(2-ethylhexyl)phthalate	16.32	149	459247	41.65	nq	# 96
84) Di-n-octyl phthalate	17.12	149	755431	43.05	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.57	276	779761	42.87	nq	# 100
87) Benzo(b)fluoranthene	17.59	252	687157m	41.61	nq	
88) Benzo(k)fluoranthene	17.61	252	639588	39.97	nq	99
89) Benzo(a)pyrene	17.98	252	649379	43.95	nq	99
90) Dibenzo(a,h)anthracene	19.59	278	630680	41.21	nq	97
91) Benzo(g,h,i)perylene	20.01	276	640675	41.71	nq	98

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

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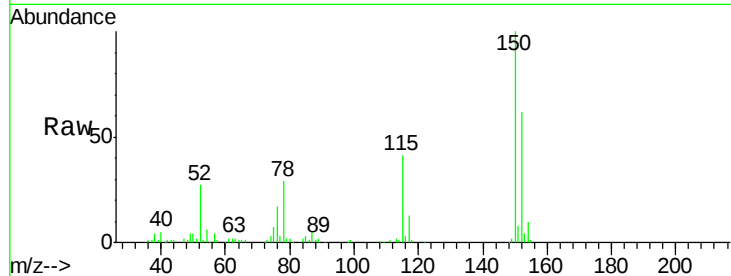


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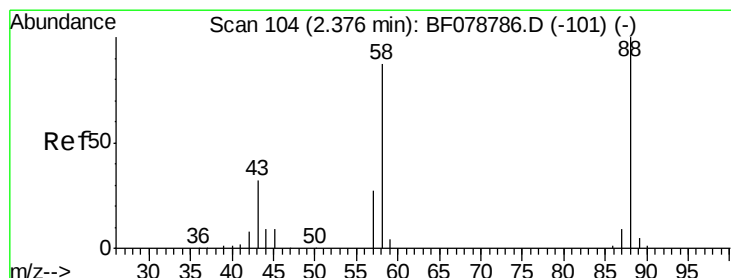
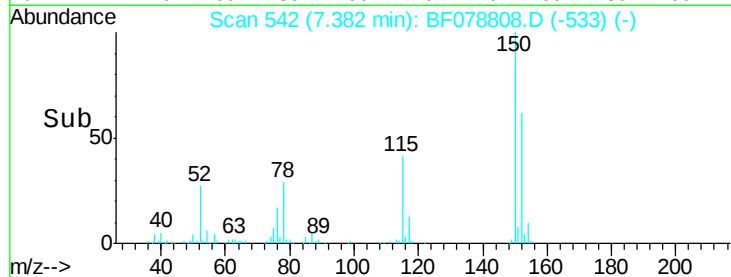
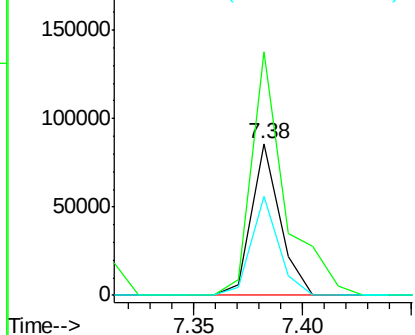
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
PB83058BS

Tot Ion:152 Resp: 77833
Ion Ratio Lower Upper
152 100
150 160.6 122.0 183.0
115 65.5 46.3 69.5



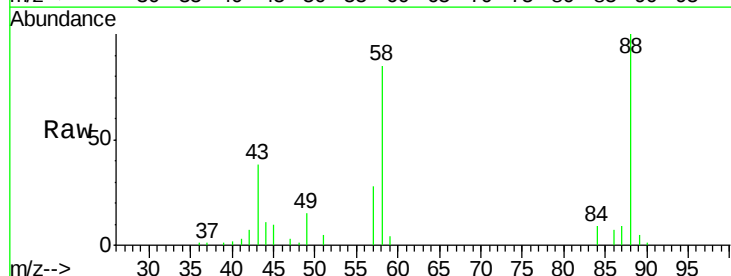
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



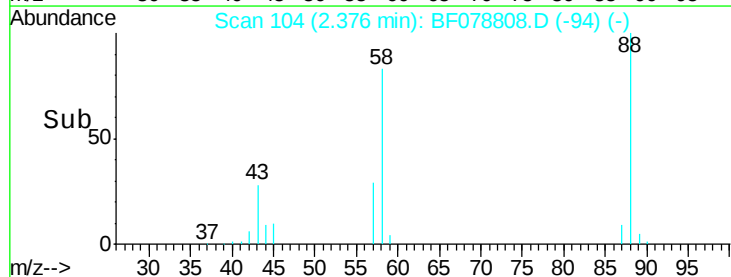
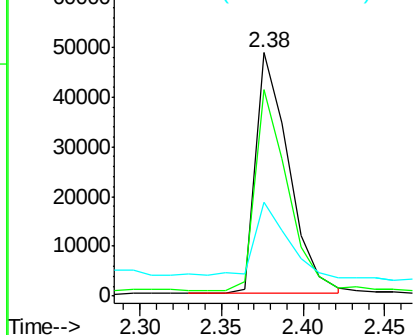
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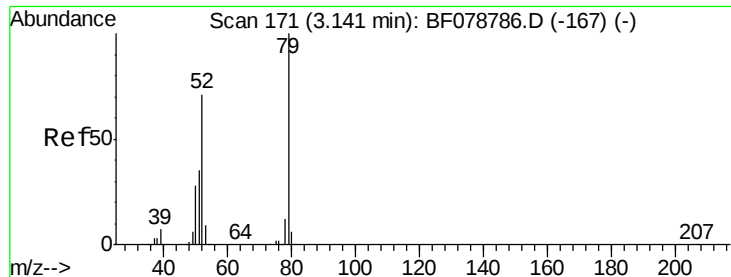
1,4-Dioxane
Concen: 35.34 ng
RT: 2.38 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Tgt Ion: 88 Resp: 68705
Ion Ratio Lower Upper
88 100
58 81.1 0.0 0.0#
43 30.8 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

Pvridine

Concen: 37.46 ng

RT: 3.14 min Scan# 171

Delta R.T. 0.02 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

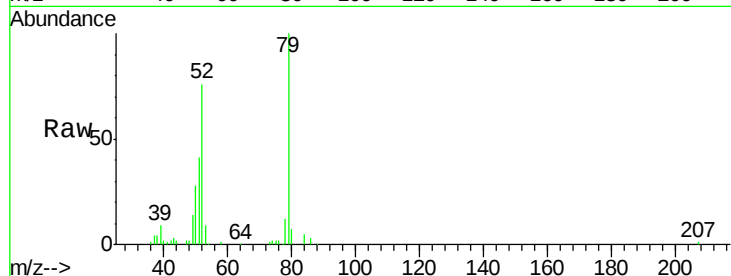
Tot Ion: 79 Resp: 215099

Ion Ratio Lower Upper

79 100

52 75.7 57.2 85.8

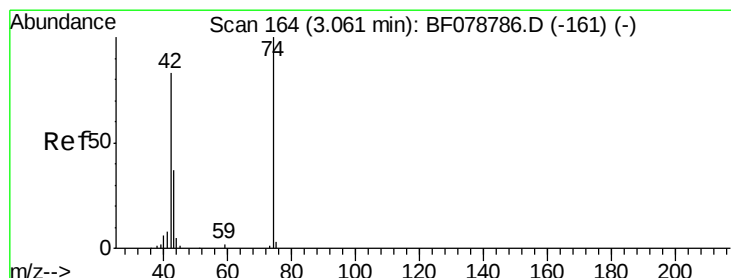
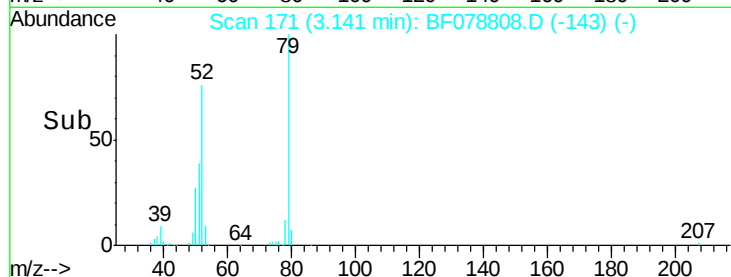
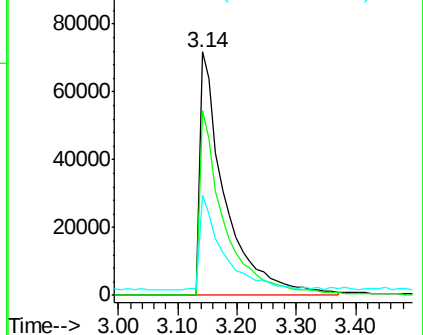
51 41.1 28.9 43.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.63 ng m

RT: 3.06 min Scan# 164

Delta R.T. 0.02 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

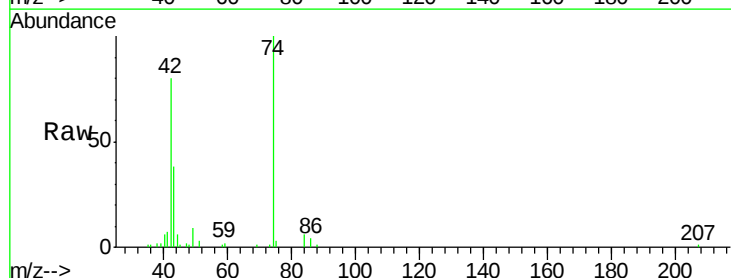
Tgt Ion: 42 Resp: 104807

Ion Ratio Lower Upper

42 100

74 125.3 96.5 144.7

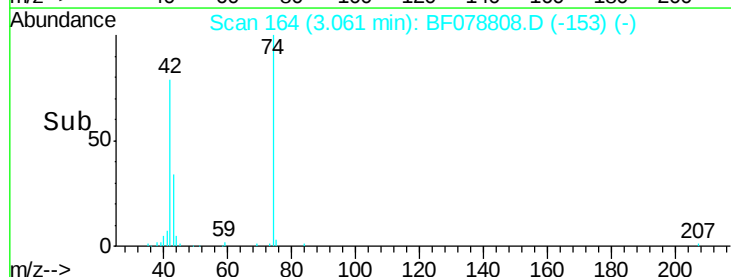
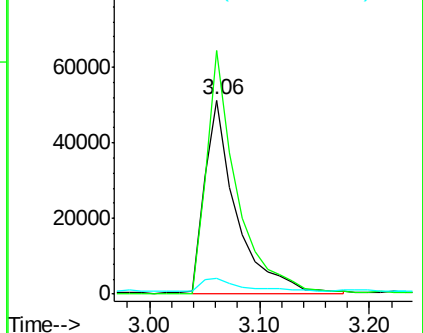
44 7.9 6.1 9.1

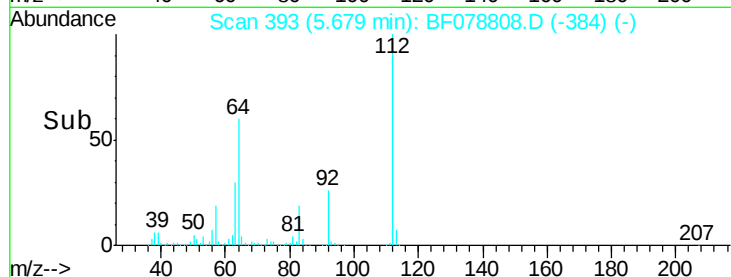
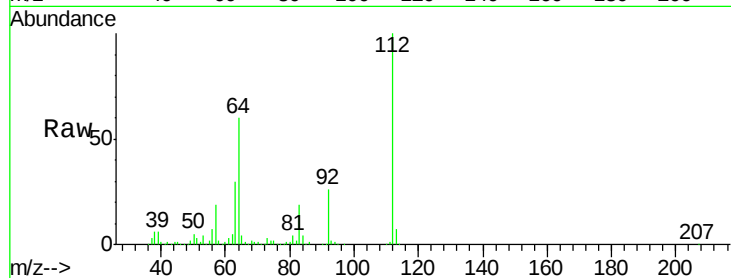
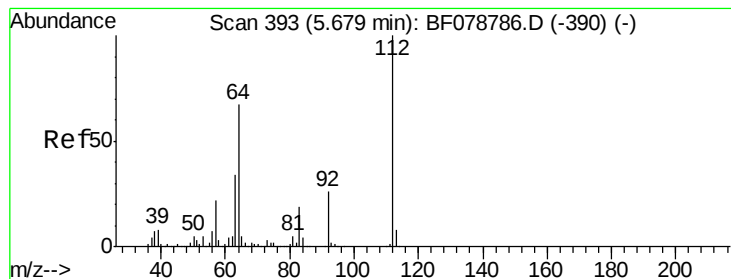


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 134.16 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

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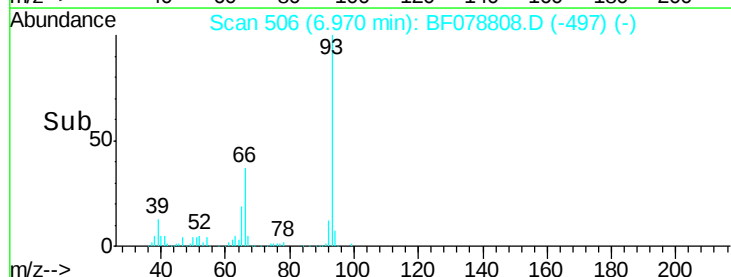
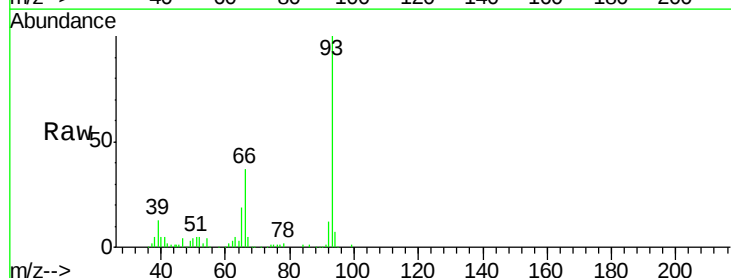
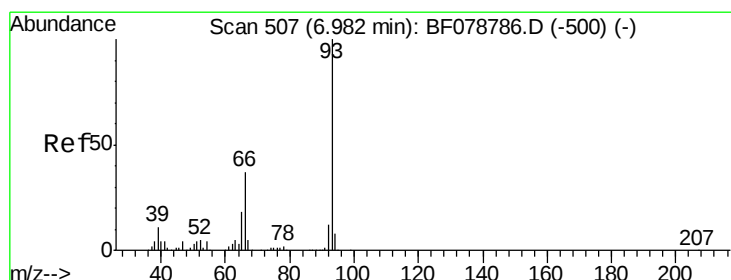
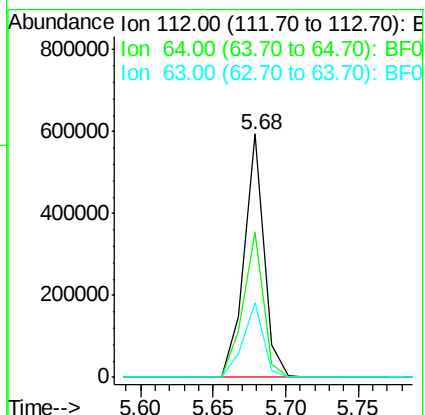
Tot Ion:112 Resp: 568525

Ion Ratio Lower Upper

112 100

64 59.6 53.5 80.3

63 30.5 27.5 41.3



#6

Aniline

Concen: 22.51 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

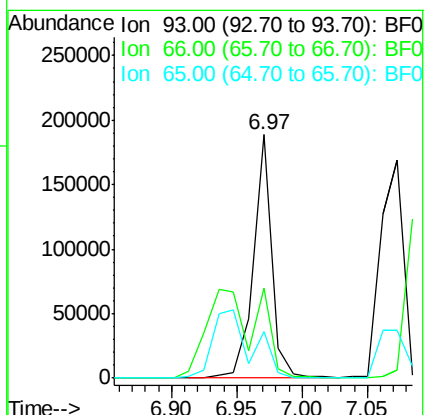
Tgt Ion: 93 Resp: 186058

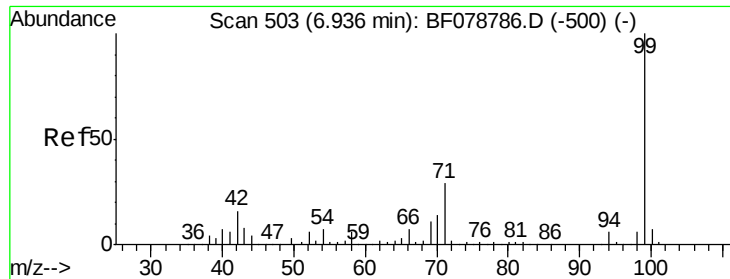
Ion Ratio Lower Upper

93 100

66 37.2 29.7 44.5

65 19.0 14.6 22.0





#7

Phenol-d6

Concen: 126.75 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

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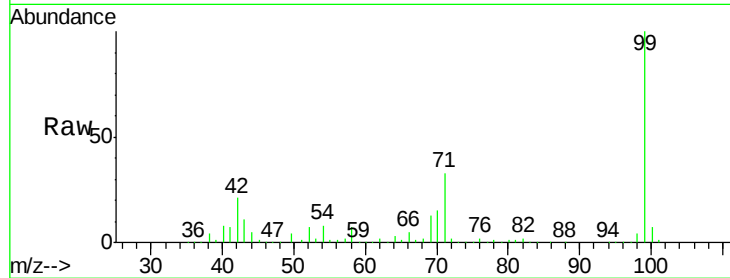
Tot Ion: 99 Resp: 717369

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

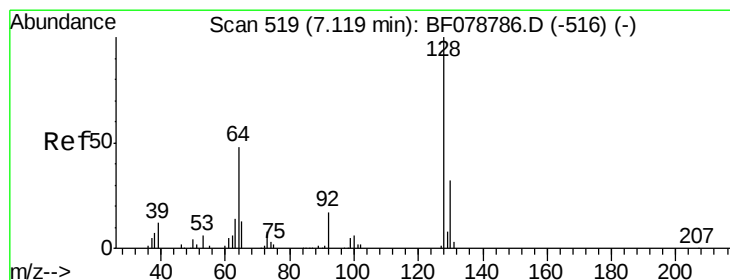
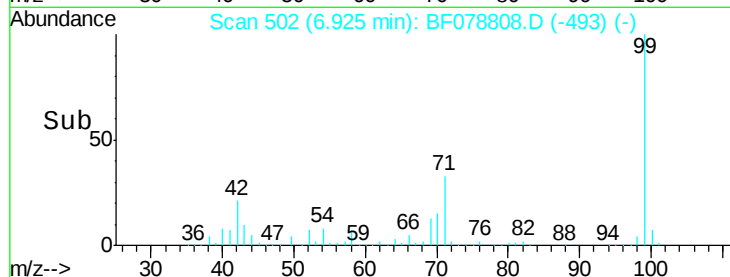
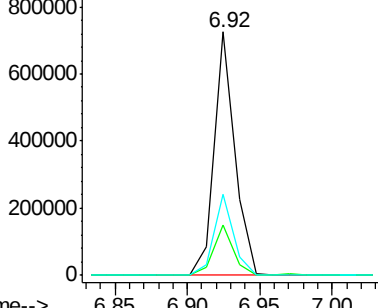
71 33.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078786.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BF078786.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BF078786.D (-500) (-)



#8

2-Chlorophenol

Concen: 42.69 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

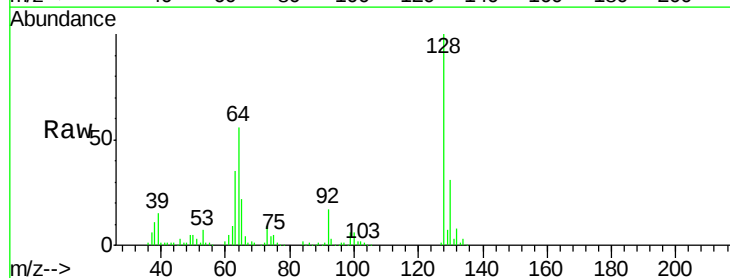
Tgt Ion:128 Resp: 207943

Ion Ratio Lower Upper

128 100

130 31.2 12.1 52.1

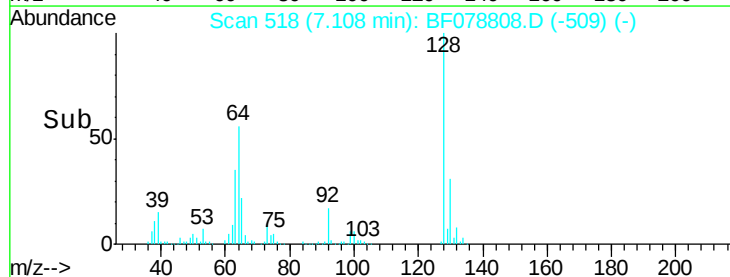
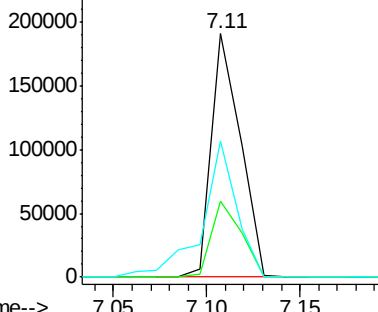
64 56.0 29.6 69.6

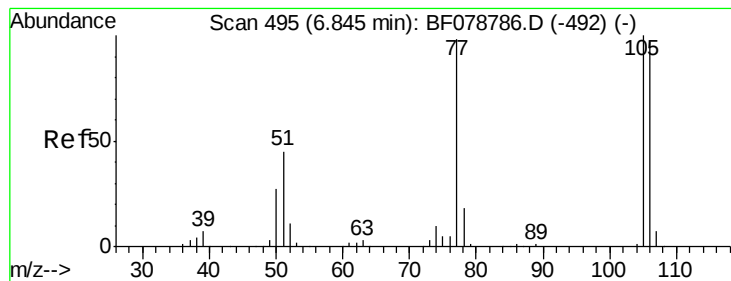


Abundance Ion 128.00 (127.70 to 128.70): BF078786.D (-516) (-)

Ion 130.00 (129.70 to 130.70): BF078786.D (-516) (-)

Ion 64.00 (63.70 to 64.70): BF078786.D (-516) (-)





#9

Benzaldehyde

Concen: 3.68 ng

RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

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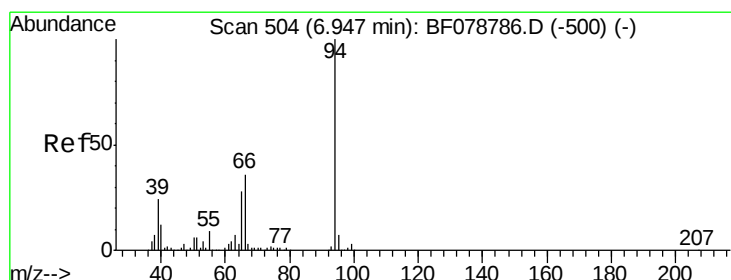
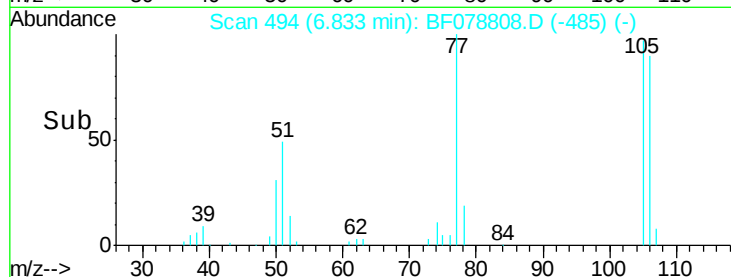
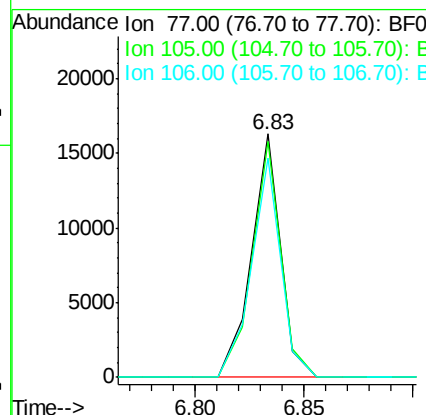
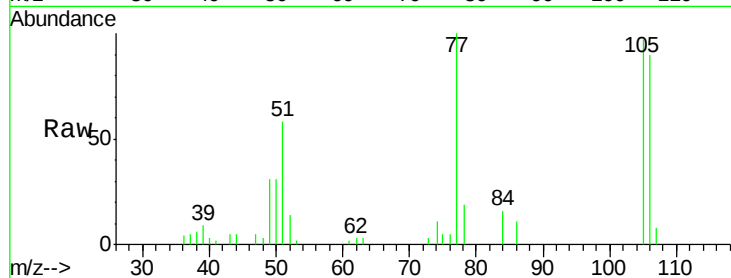
Tot Ion: 77 Resp: 15035

Ion Ratio Lower Upper

77 100

105 96.9 81.7 121.7

106 89.9 79.0 119.0



#10

Phenol

Concen: 40.02 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

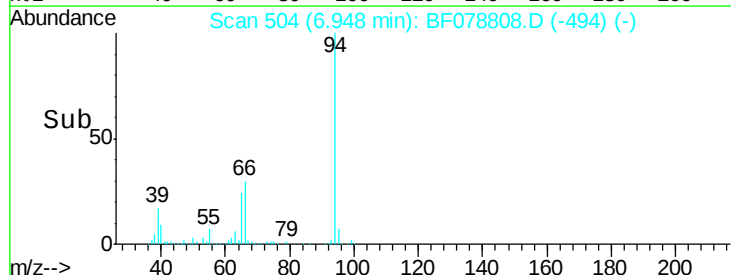
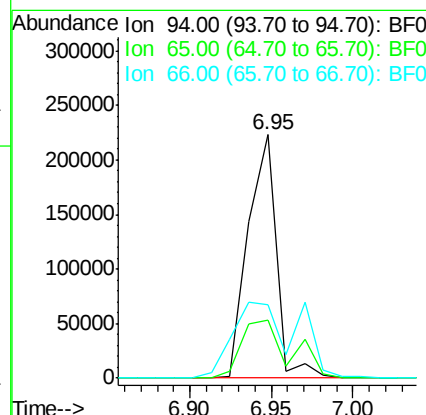
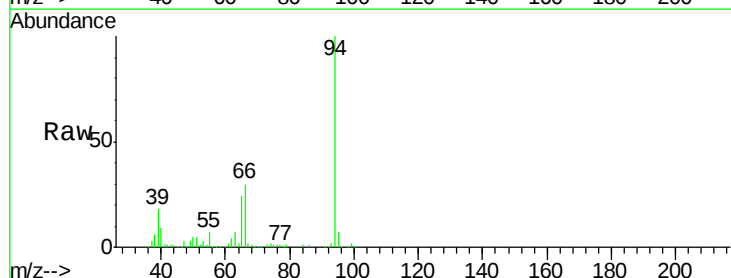
Tgt Ion: 94 Resp: 267730

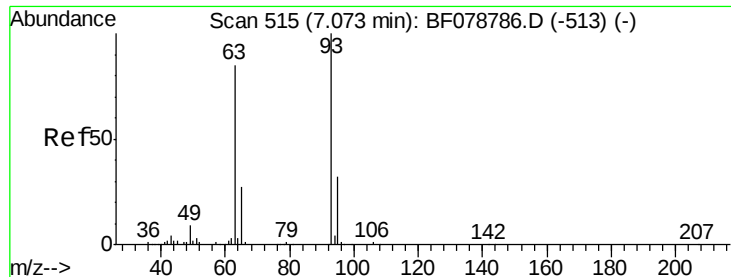
Ion Ratio Lower Upper

94 100

65 23.8 8.5 48.5

66 30.0 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 41.32 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

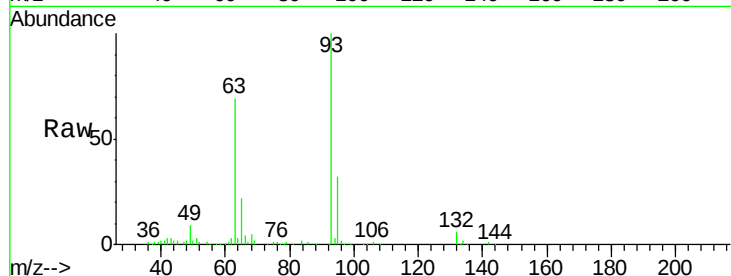
Tot Ion: 93 Resp: 204435

Ion Ratio Lower Upper

93 100

63 68.5 64.8 104.8

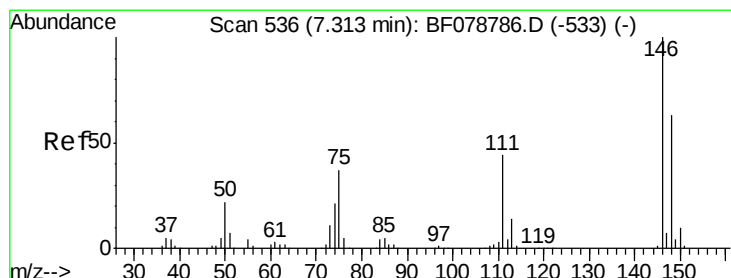
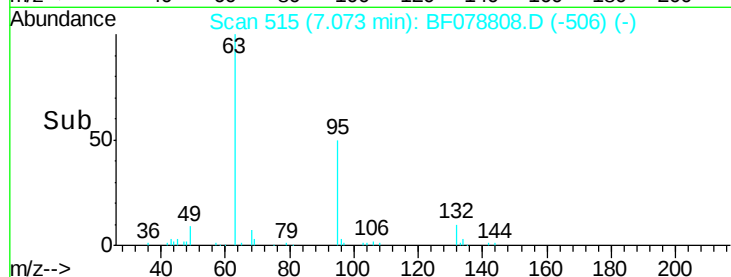
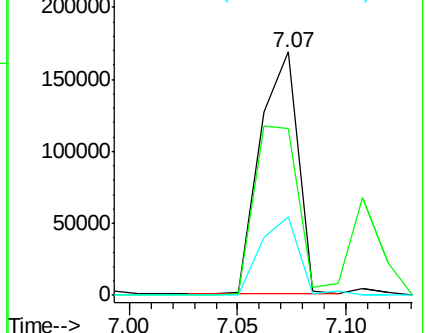
95 32.0 12.4 52.4



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: 38.70 ng

RT: 7.31 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

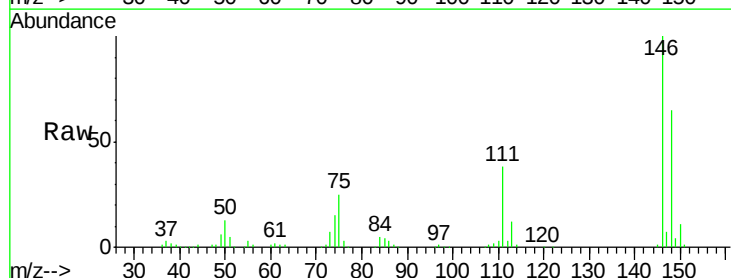
Tgt Ion: 146 Resp: 218851

Ion Ratio Lower Upper

146 100

148 65.2 50.2 75.2

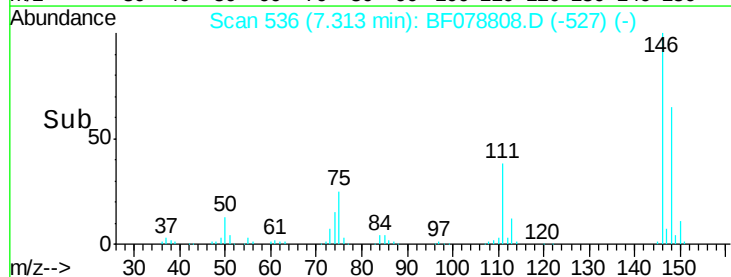
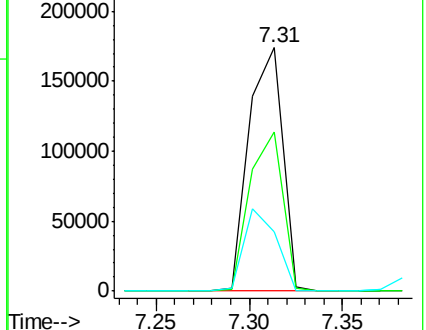
75 24.6 29.2 43.8#

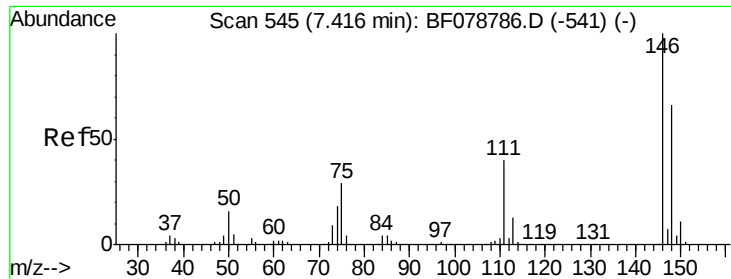


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

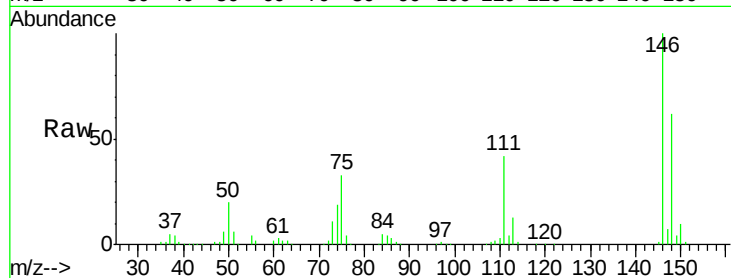




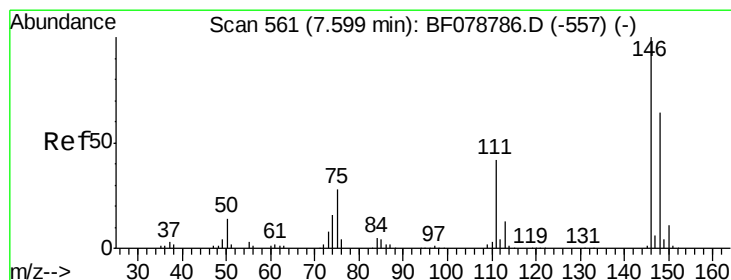
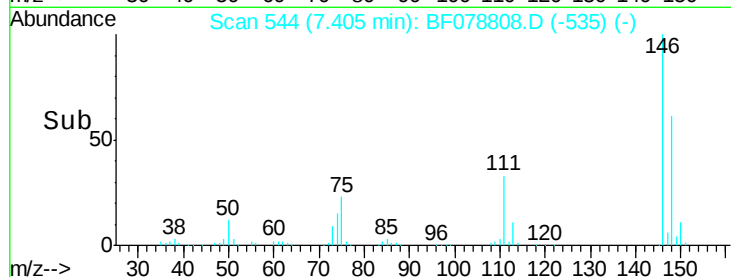
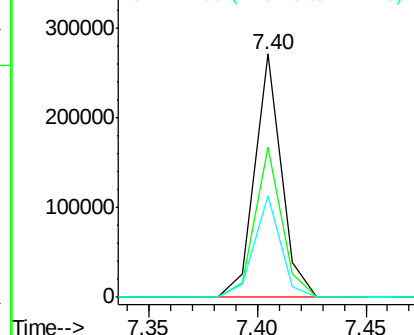
#13
 1,4-Dichlorobenzene
 Concen: 39.96 ng
 RT: 7.40 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

Tot Ion:146 Resp: 231366
 Ion Ratio Lower Upper
 146 100
 148 61.7 52.8 79.2
 111 41.8 31.7 47.5

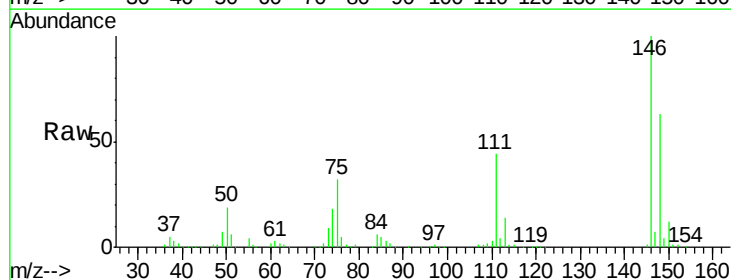


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

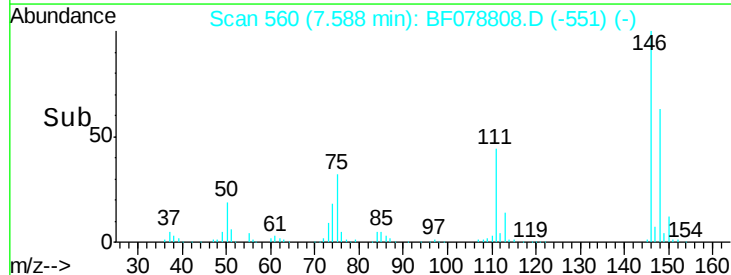
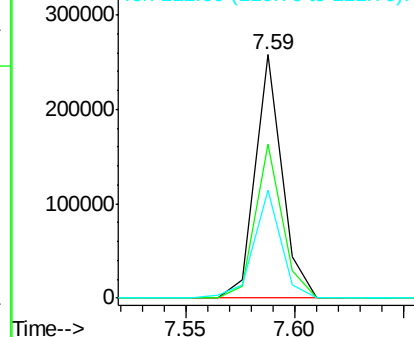


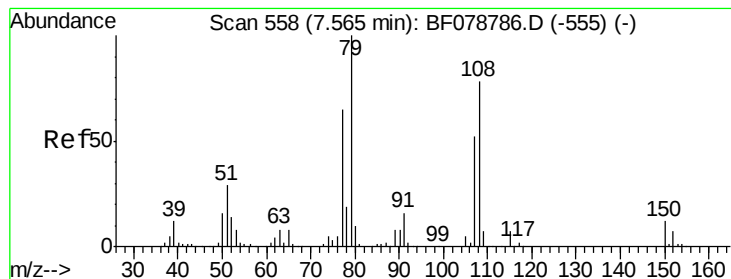
#14
 1,2-Dichlorobenzene
 Concen: 40.63 ng
 RT: 7.59 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion:146 Resp: 219845
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.2 76.8
 111 44.2 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: 41.52 ng

RT: 7.55 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

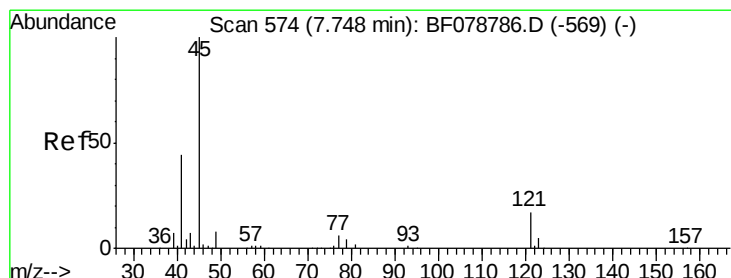
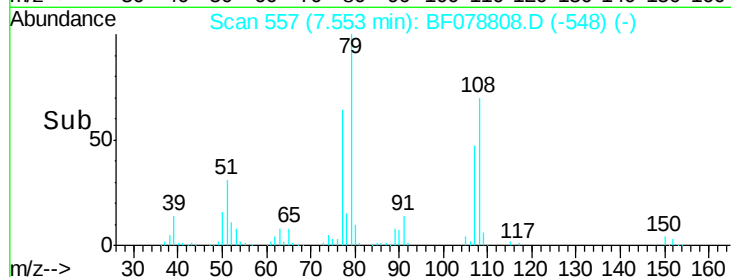
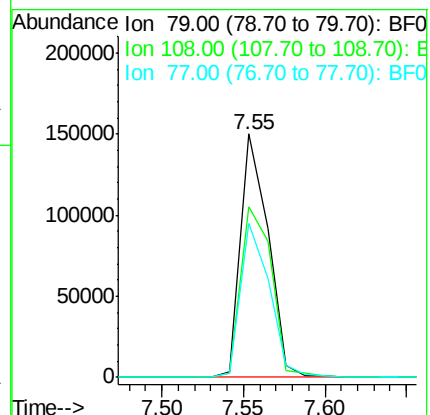
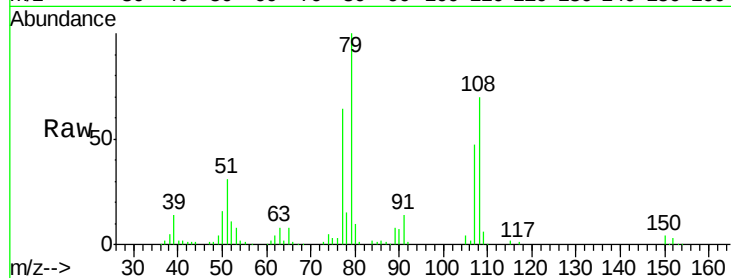
Tot Ion: 79 Resp: 175101

Ion Ratio Lower Upper

79 100

108 70.4 62.5 93.7

77 63.5 52.2 78.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.74 ng

RT: 7.74 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

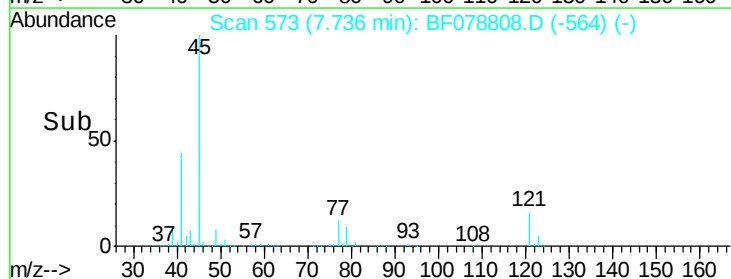
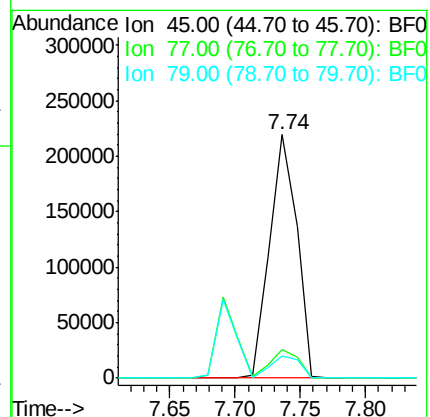
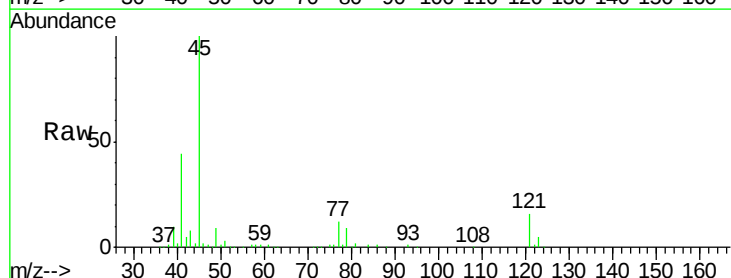
Tgt Ion: 45 Resp: 322803

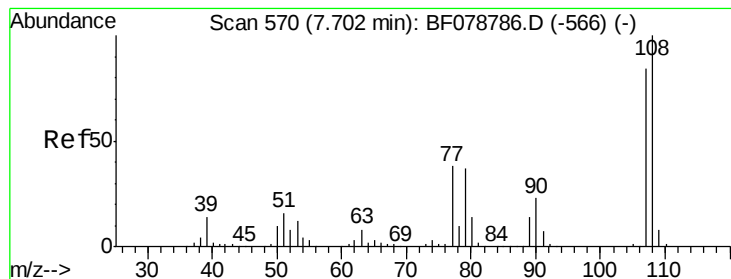
Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.3

79 9.3 0.0 30.1

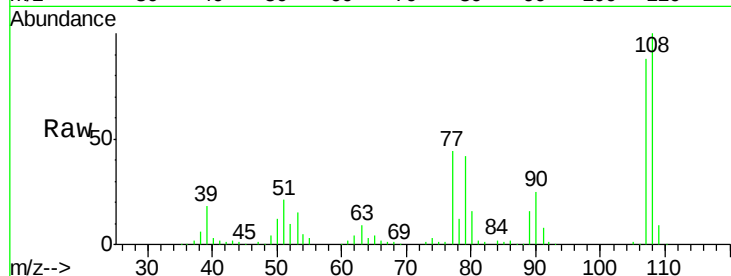




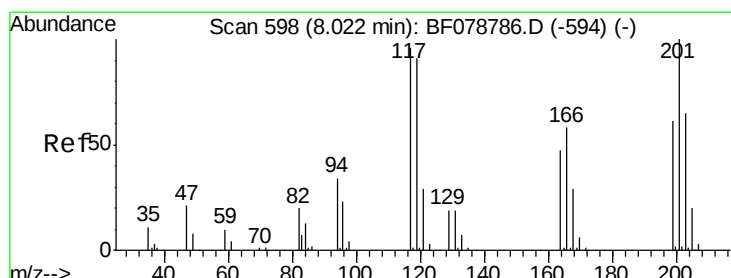
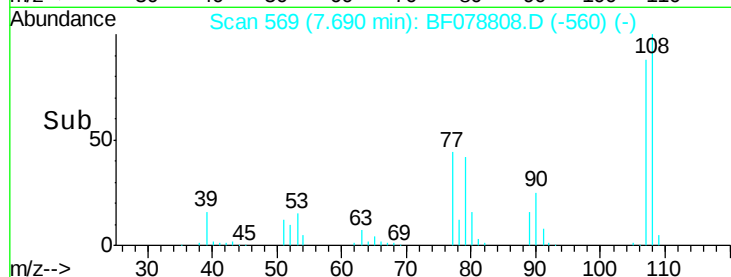
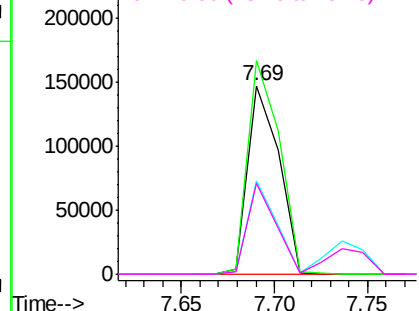
#17
2-Methylphenol
Concen: 43.48 ng
RT: 7.69 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
PB83058BS

Tot Ion:107 Resp: 171452
Ion Ratio Lower Upper
107 100
108 113.5 94.9 142.3
77 50.0 36.2 54.4
79 48.2 35.2 52.8

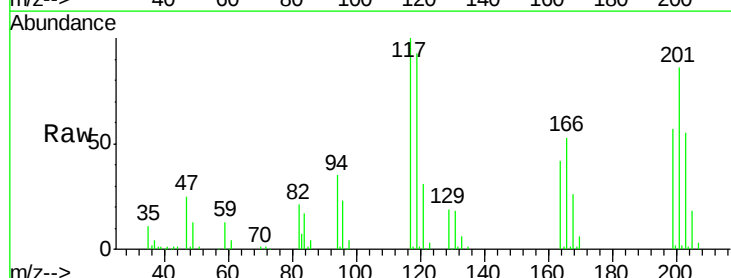


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

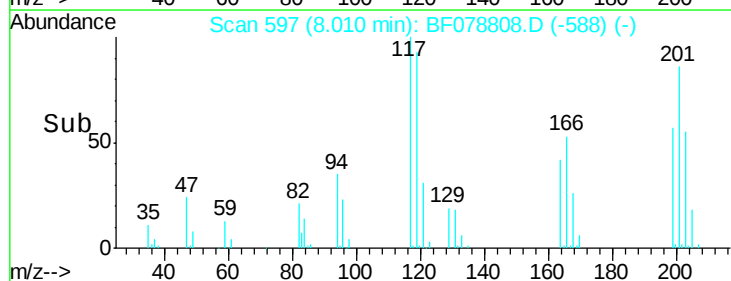
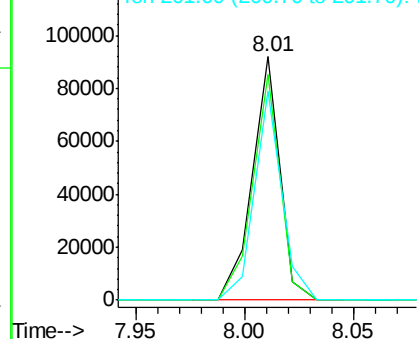


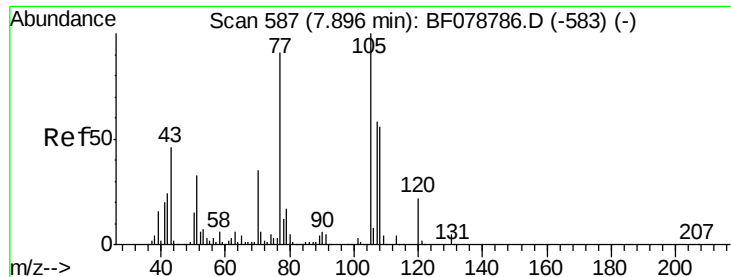
#18
Hexachloroethane
Concen: 42.22 ng
RT: 8.01 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Tgt Ion:117 Resp: 80749
Ion Ratio Lower Upper
117 100
119 92.7 75.4 113.0
201 85.7 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

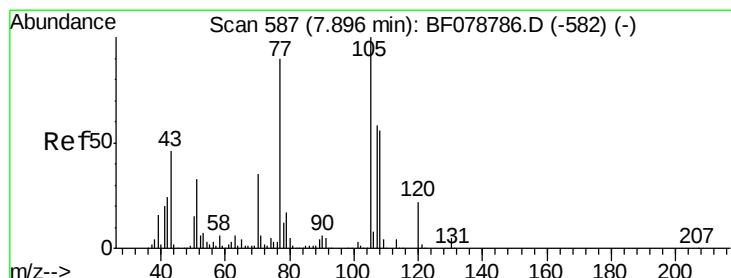
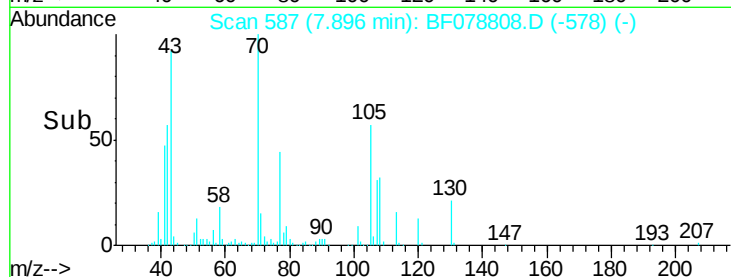
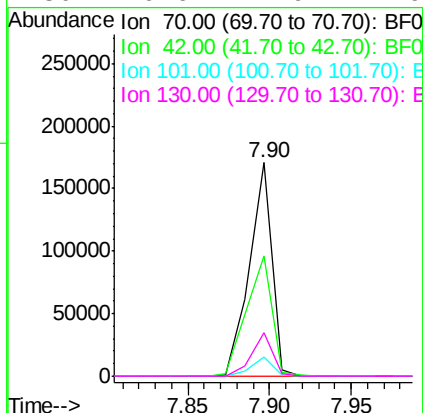
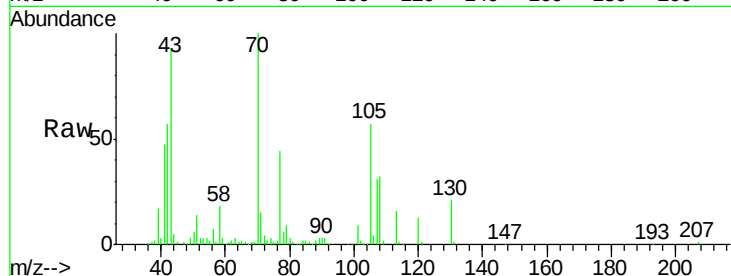




#19
 n-Nitroso-di-n-propylamine
 Concen: 41.41 ng
 RT: 7.90 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

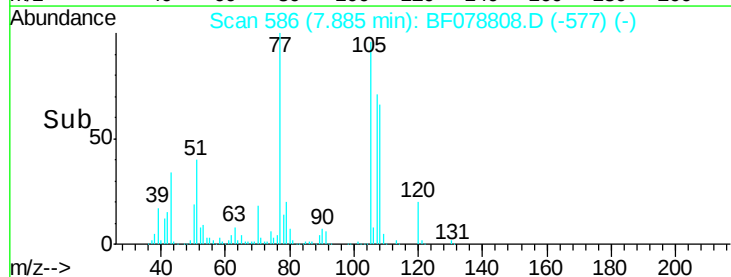
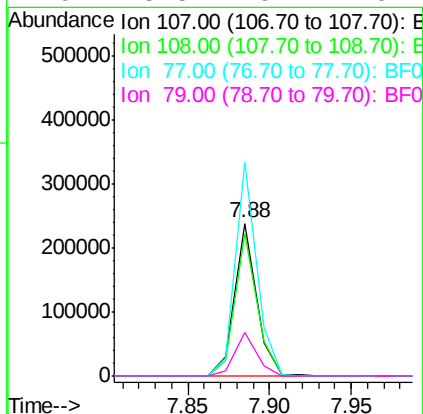
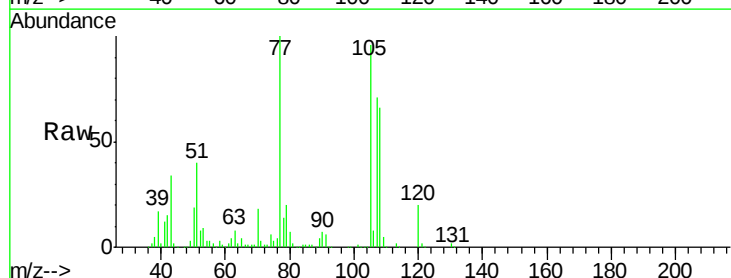
Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

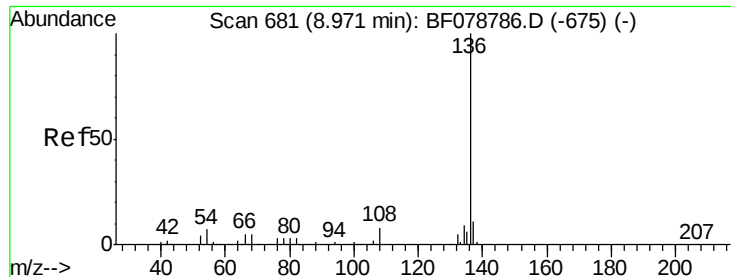
Tot Ion: 70 Resp: 163529
 Ion Ratio Lower Upper
 70 100
 42 56.6 55.4 83.0
 101 9.1 6.6 10.0
 130 20.6 11.9 17.9#



#20
 3+4-Methylphenols
 Concen: 43.28 ng
 RT: 7.88 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion:107 Resp: 222294
 Ion Ratio Lower Upper
 107 100
 108 92.8 76.9 116.9
 77 139.9 136.8 176.8
 79 28.5 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: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampled :

PB83058BS

Tot Ion:136 Resp: 329851

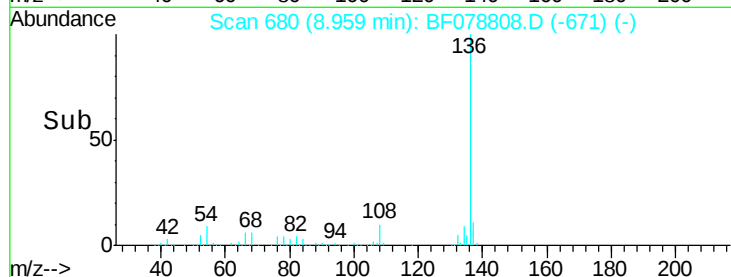
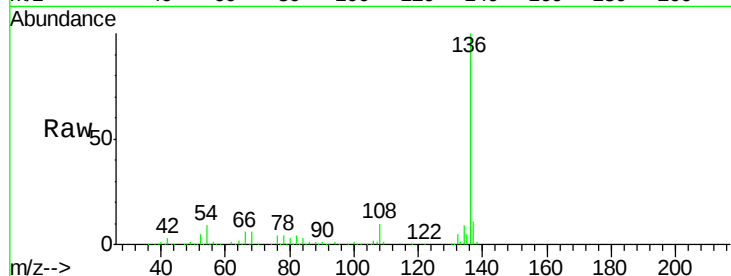
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.0 5.8 8.8#

68 6.4 4.2 6.4#

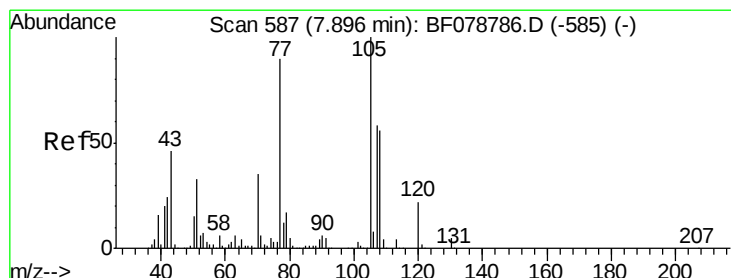
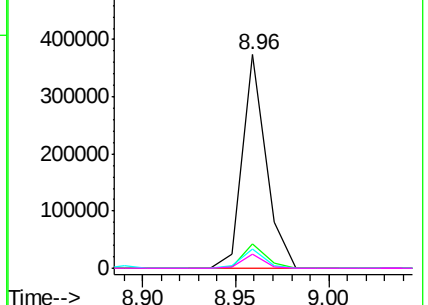


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.82 ng

RT: 7.88 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Tgt Ion:105 Resp: 298264

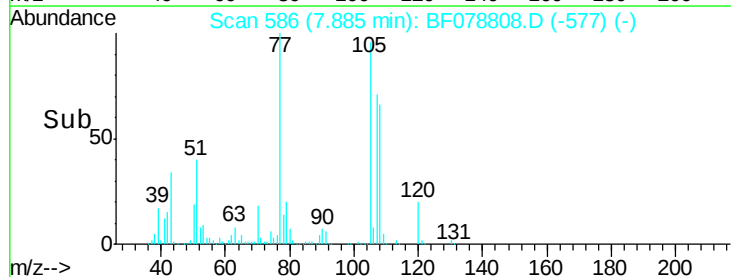
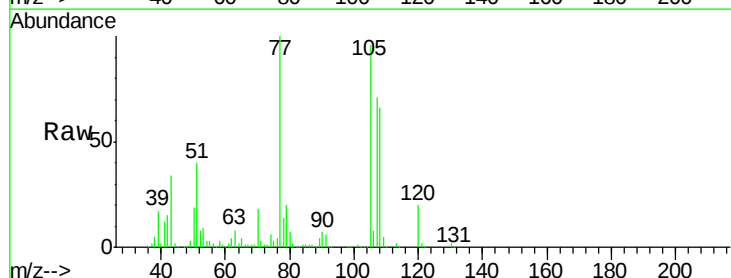
Ion Ratio Lower Upper

105 100

71 3.4 4.6 6.8#

51 42.0 26.7 40.1#

120 20.9 17.4 26.0

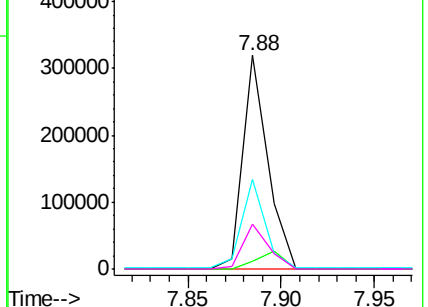


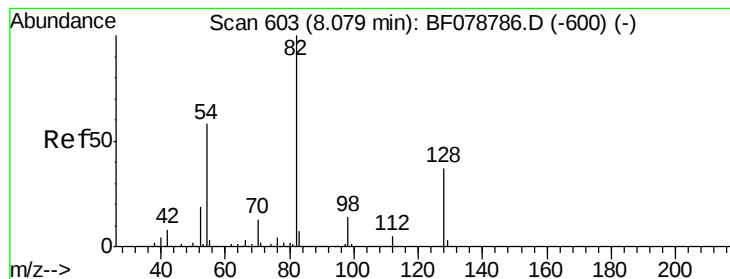
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.74 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

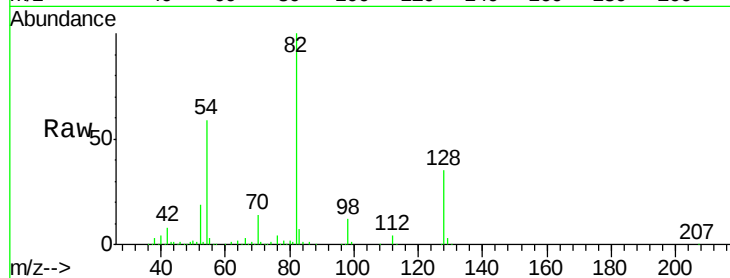
Tot Ion: 82 Resp: 388247

Ion Ratio Lower Upper

82 100

128 35.0 30.0 45.0

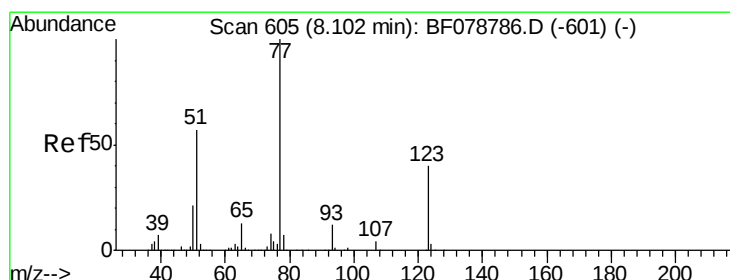
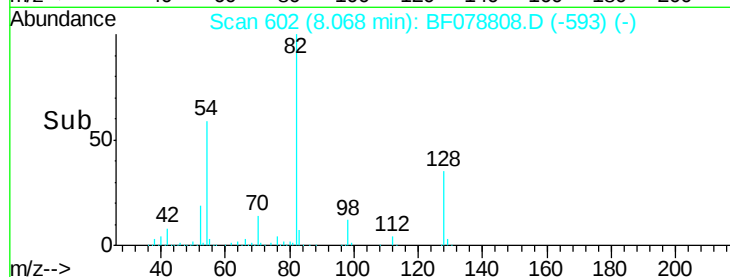
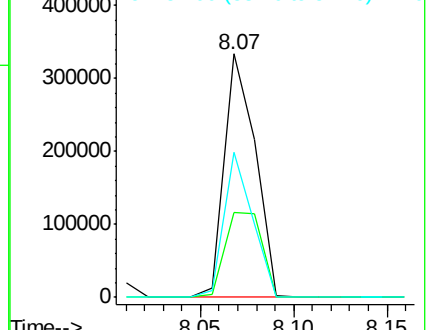
54 59.4 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.68 ng

RT: 8.09 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

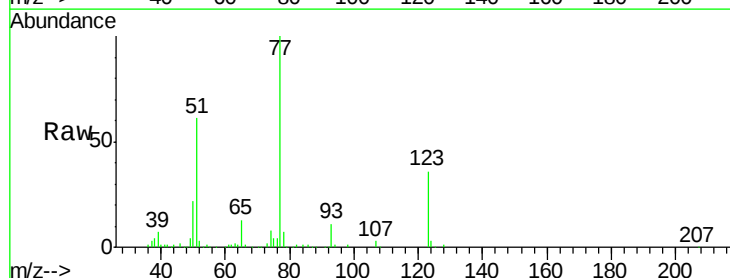
Tgt Ion: 77 Resp: 209381

Ion Ratio Lower Upper

77 100

123 36.4 31.8 47.8

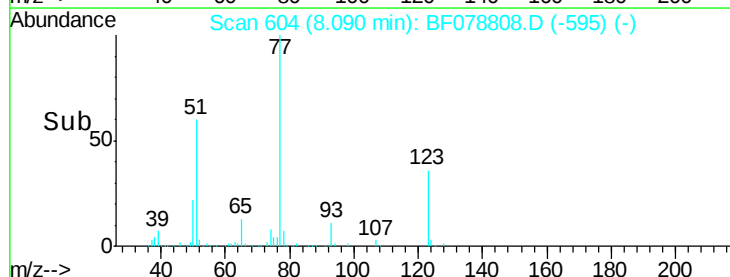
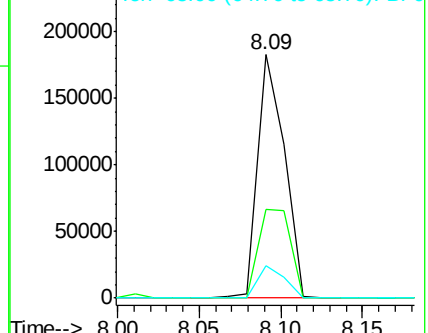
65 13.3 10.6 15.8

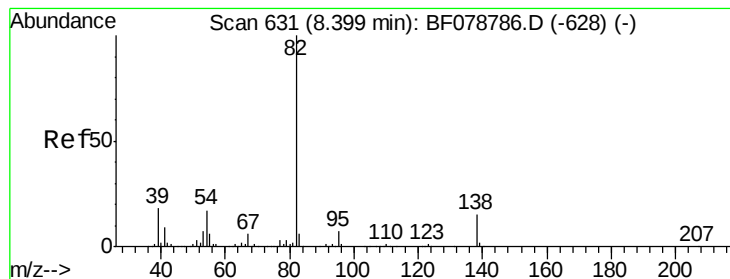


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.20 ng

RT: 8.40 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

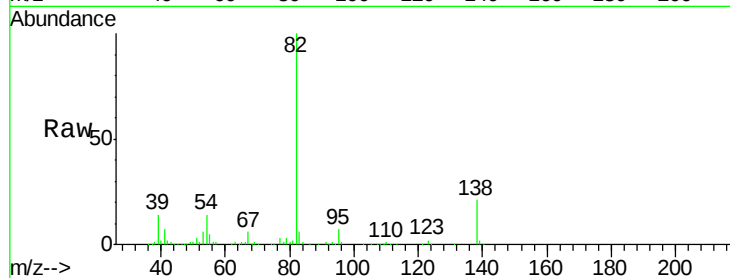
Tot Ion: 82 Resp: 405967

Ion Ratio Lower Upper

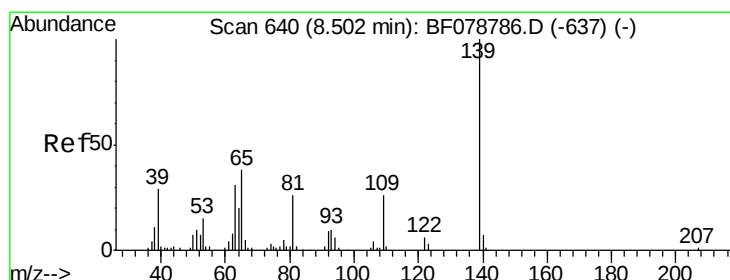
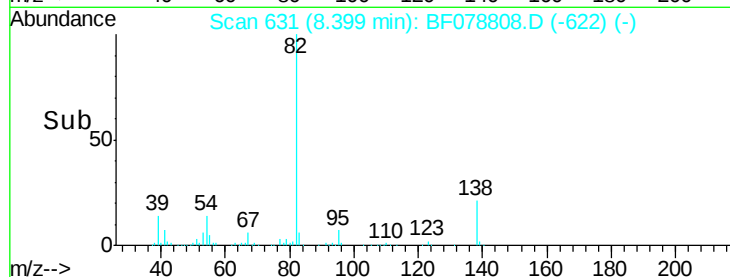
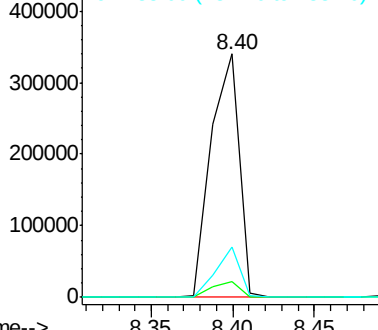
82 100

95 6.7 5.3 7.9

138 20.7 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: 55.43 ng

RT: 8.49 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

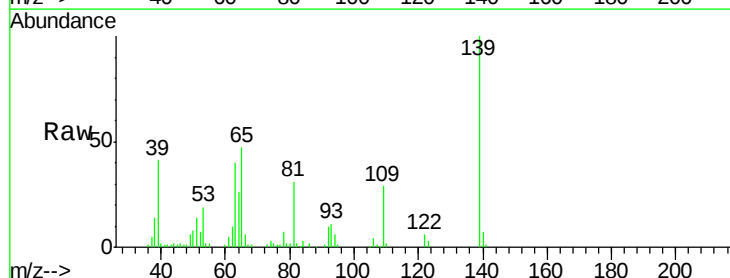
Tgt Ion: 139 Resp: 80111

Ion Ratio Lower Upper

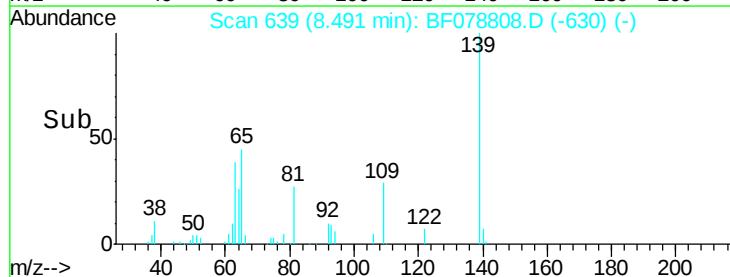
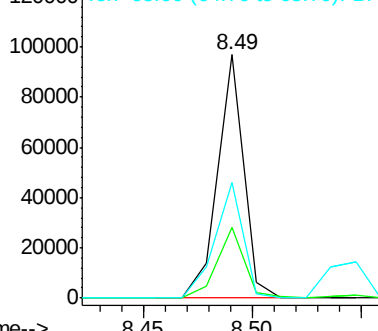
139 100

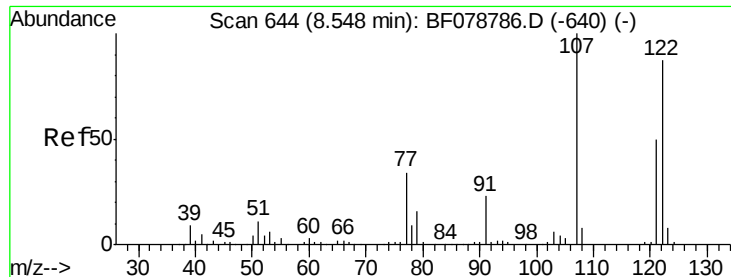
109 29.2 21.0 31.4

65 47.3 30.5 45.7#



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





#27

2,4-Dimethylphenol

Concen: 43.28 ng

RT: 8.55 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

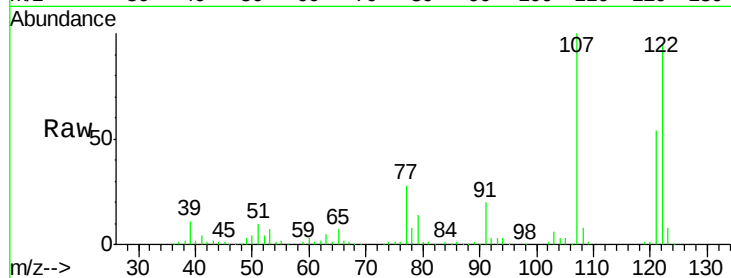
Tot Ion:122 Resp: 198841

Ion Ratio Lower Upper

122 100

107 105.7 90.6 135.8

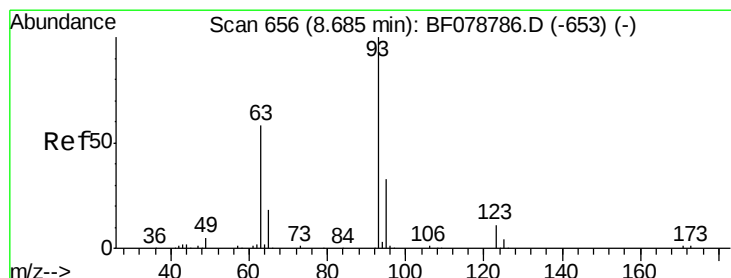
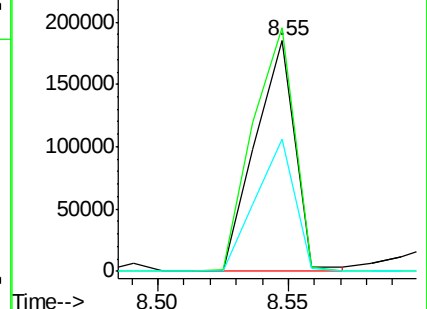
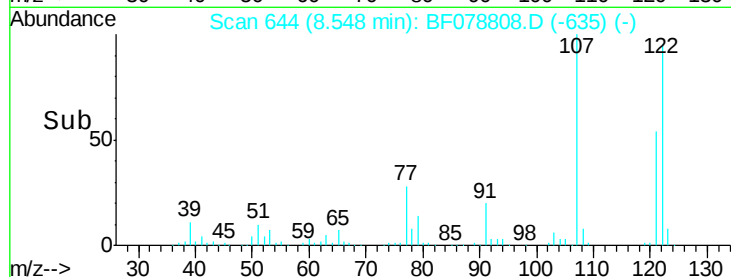
121 57.5 45.4 68.2



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: 42.73 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

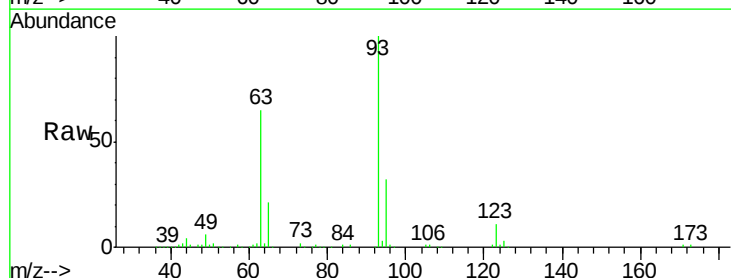
Tgt Ion: 93 Resp: 273300

Ion Ratio Lower Upper

93 100

95 32.4 26.7 40.1

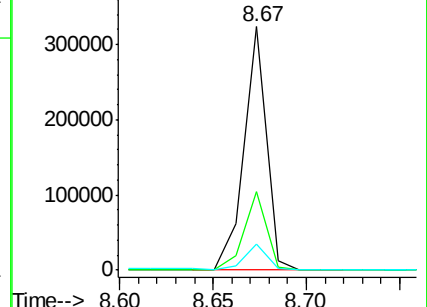
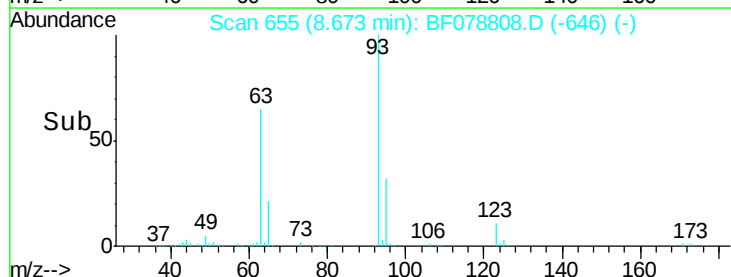
123 10.7 9.1 13.7

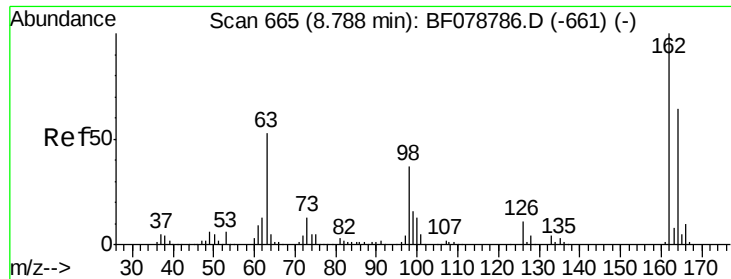


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

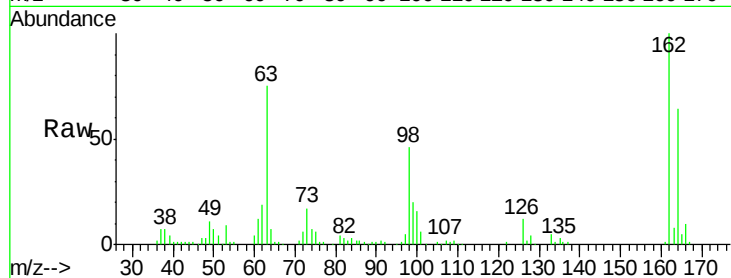




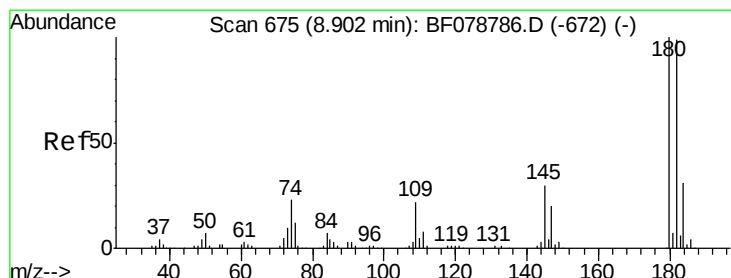
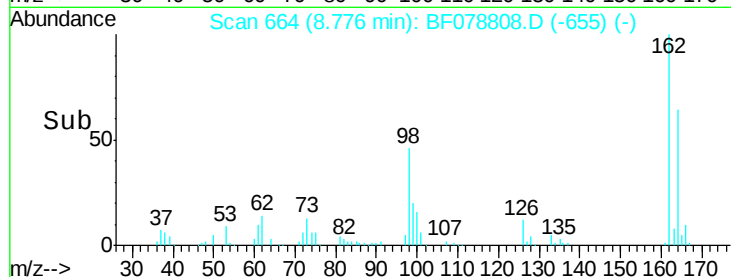
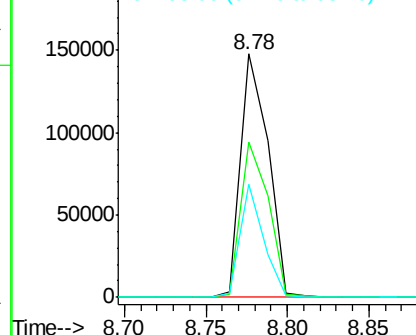
#29
 2,4-Dichlorophenol
 Concen: 43.78 ng
 RT: 8.78 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

Tot Ion:162 Resp: 171930
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.6 83.6
 98 46.3 16.5 56.5

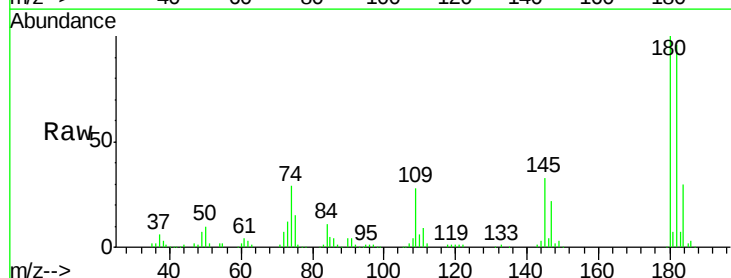


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

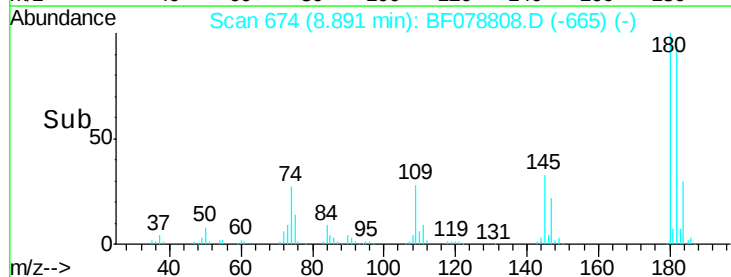
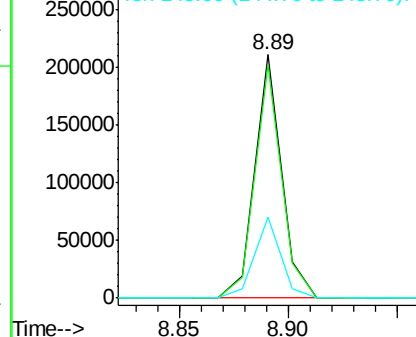


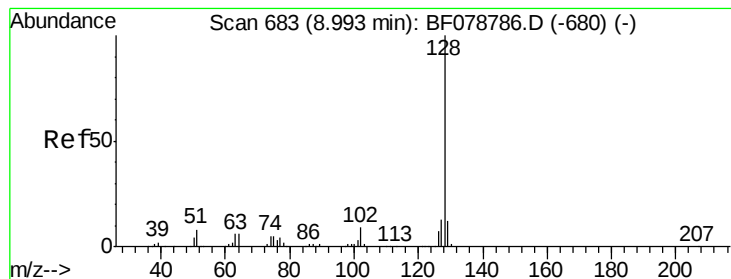
#30
 1,2,4-Trichlorobenzene
 Concen: 39.83 ng
 RT: 8.89 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion:180 Resp: 179622
 Ion Ratio Lower Upper
 180 100
 182 95.7 78.9 118.3
 145 33.1 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: 38.14 ng

RT: 8.98 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

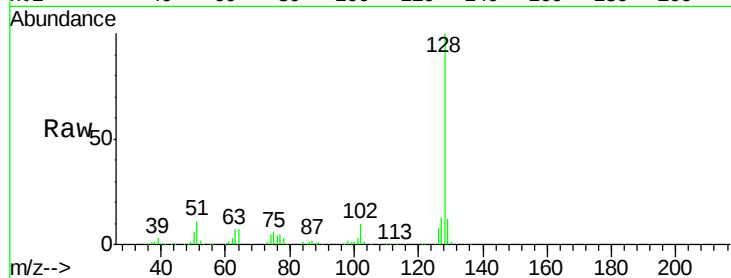
Tot Ion:128 Resp: 597060

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

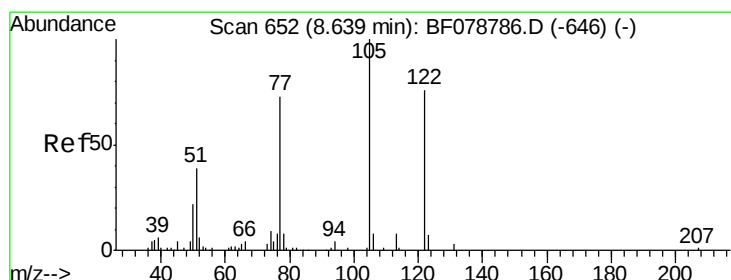
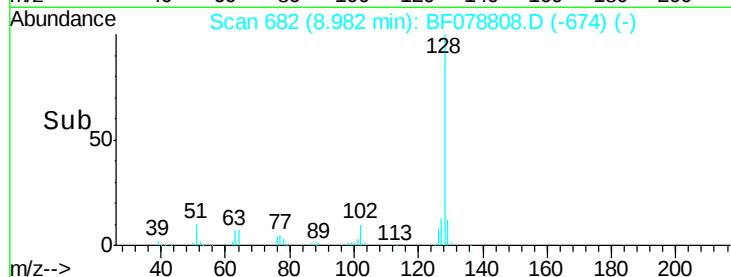
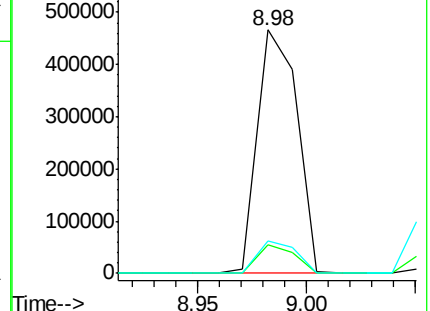
127 13.2 10.7 16.1



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: 61.67 ng

RT: 8.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

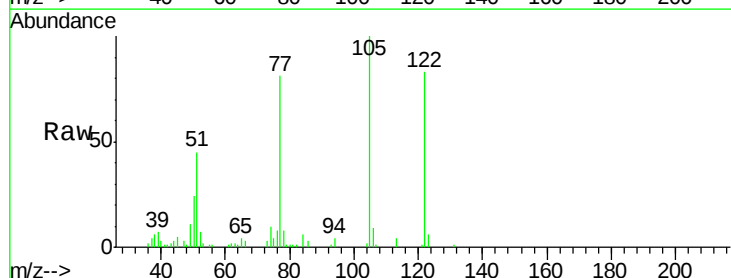
Tgt Ion:122 Resp: 85995

Ion Ratio Lower Upper

122 100

105 120.7 107.1 147.1

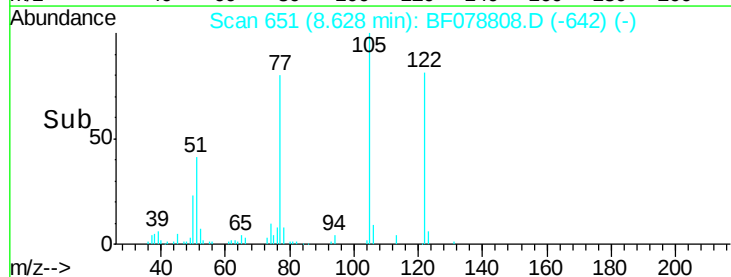
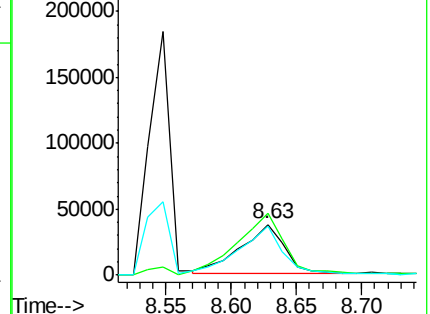
77 97.6 73.9 113.9

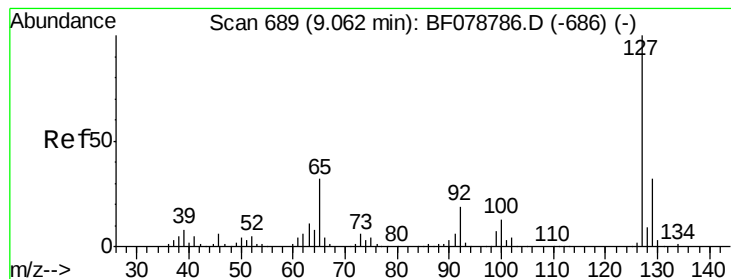


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.25 ng

RT: 9.05 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleID :

PB83058BS

Tot Ion:127 Resp: 126812

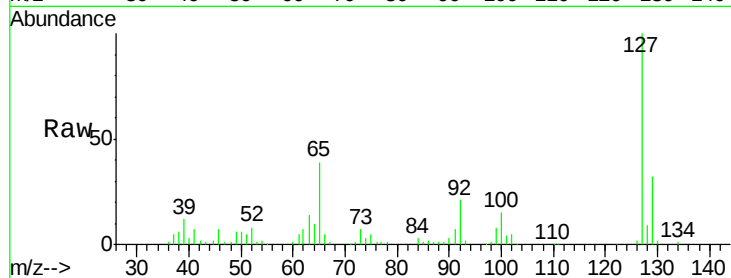
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 39.0 25.8 38.6#

92 20.7 15.5 23.3

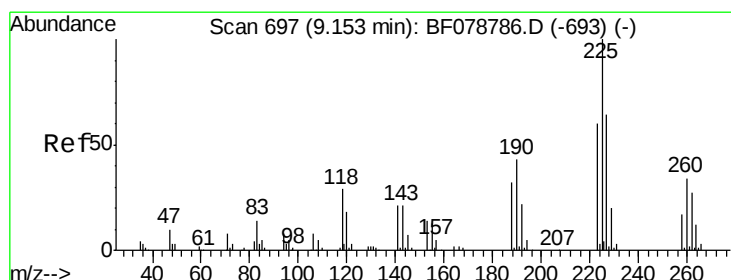
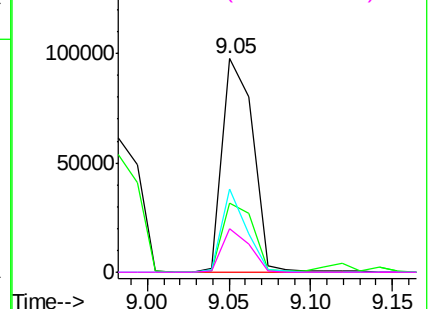
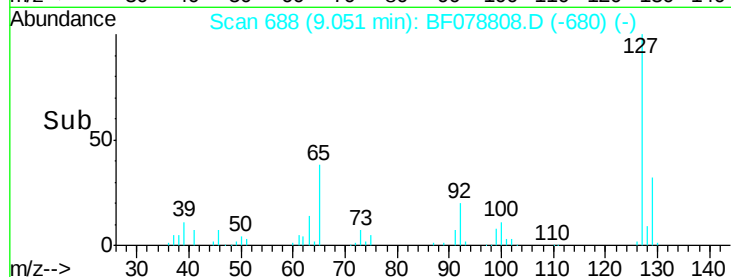


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.45 ng

RT: 9.14 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

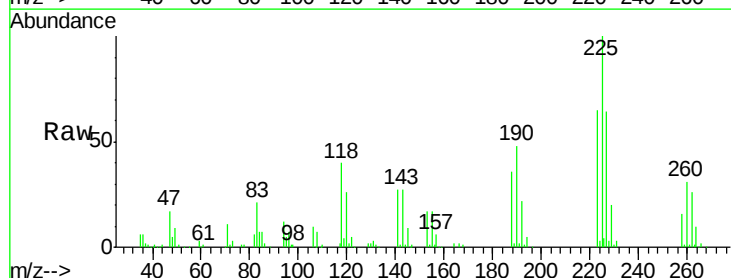
Tgt Ion:225 Resp: 100379

Ion Ratio Lower Upper

225 100

223 64.6 48.2 72.4

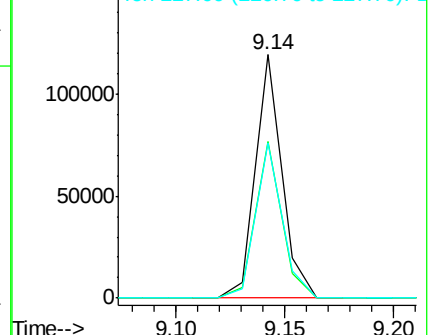
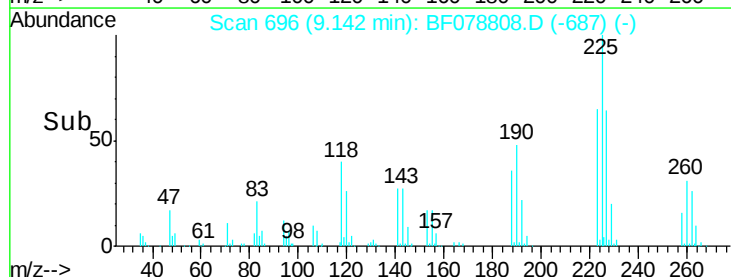
227 64.0 51.4 77.0

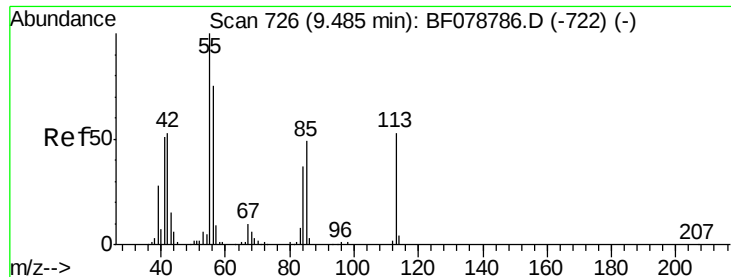


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

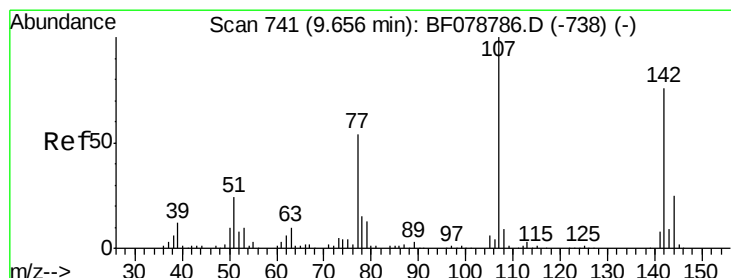
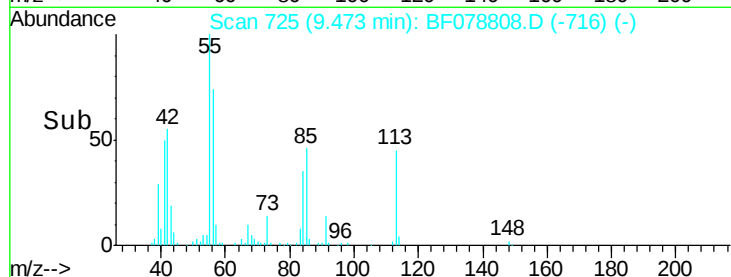
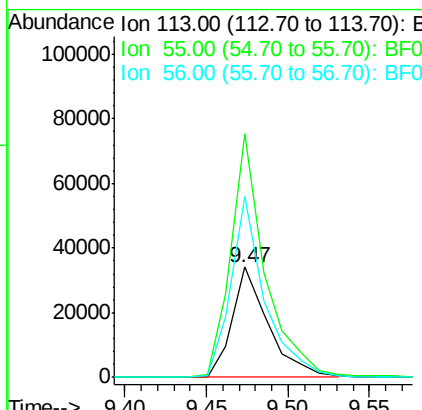
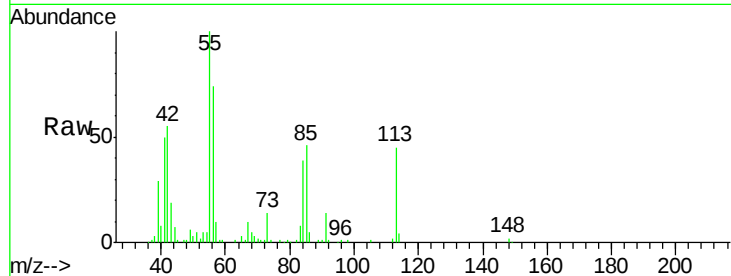




#35
 Caprolactam
 Concen: 41.93 ng
 RT: 9.47 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

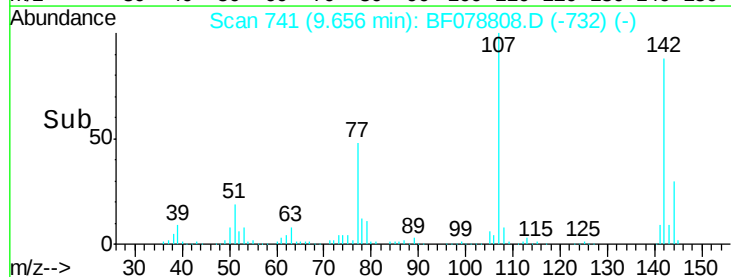
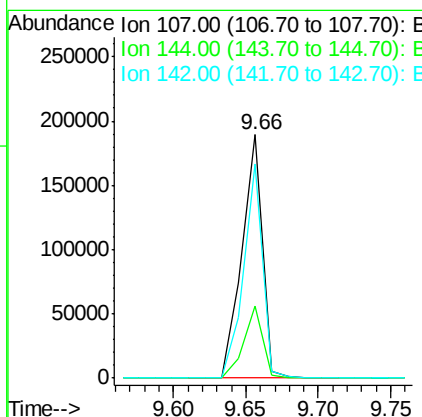
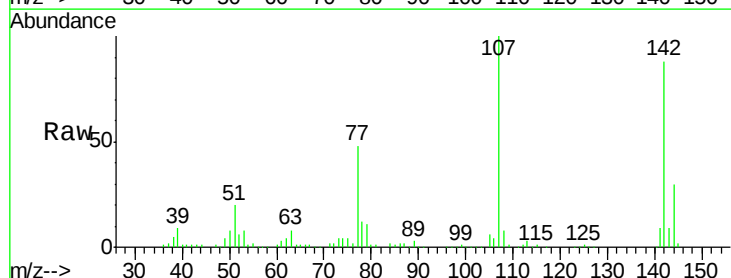
Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

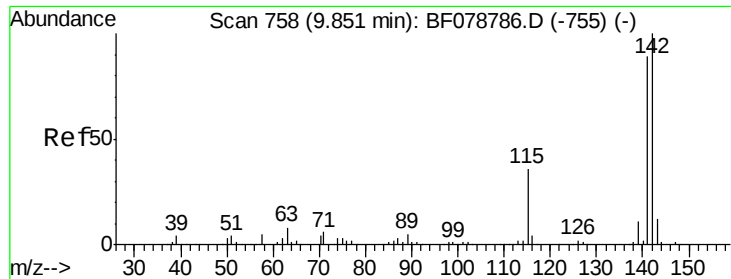
Tot Ion:113 Resp: 52430
 Ion Ratio Lower Upper
 113 100
 55 220.8 169.7 209.7#
 56 164.4 122.5 162.5#



#36
 4-Chloro-3-methylphenol
 Concen: 45.24 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion:107 Resp: 186557
 Ion Ratio Lower Upper
 107 100
 144 29.6 19.8 29.6
 142 88.0 60.6 91.0

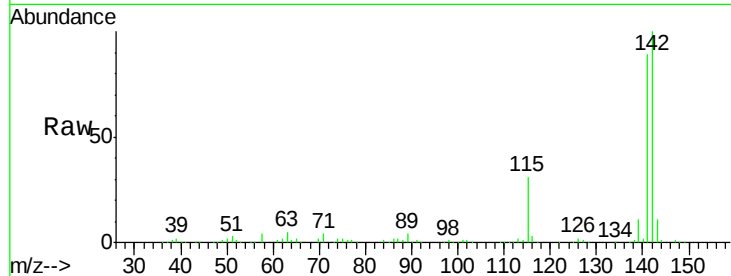




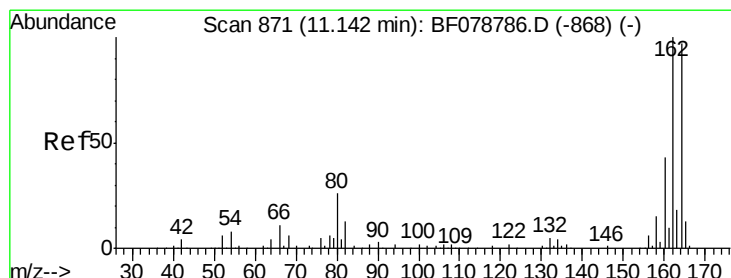
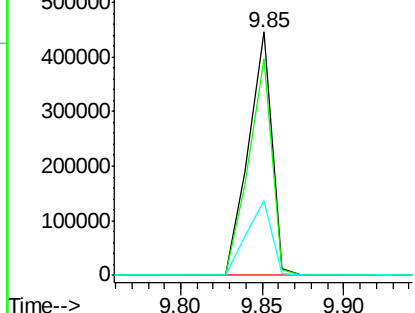
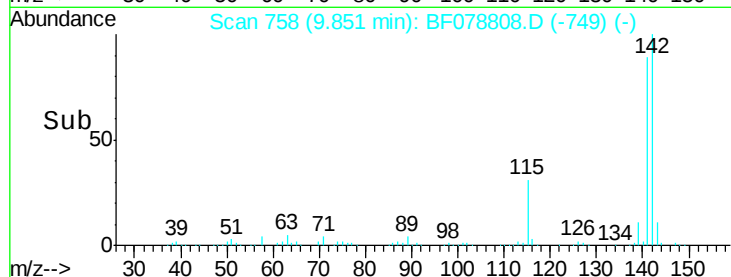
#37
 2-Methylnaphthalene
 Concen: 42.13 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.9	106.3
115	30.7	28.5	42.7

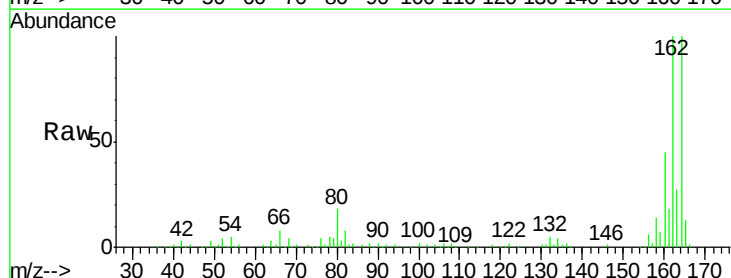


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

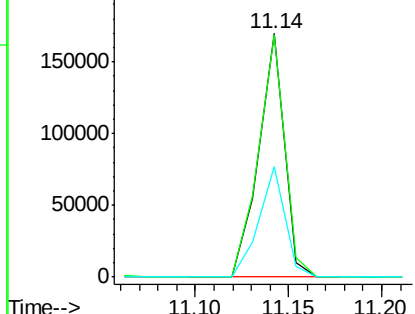
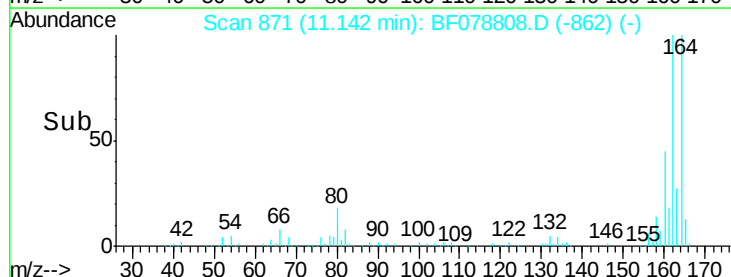


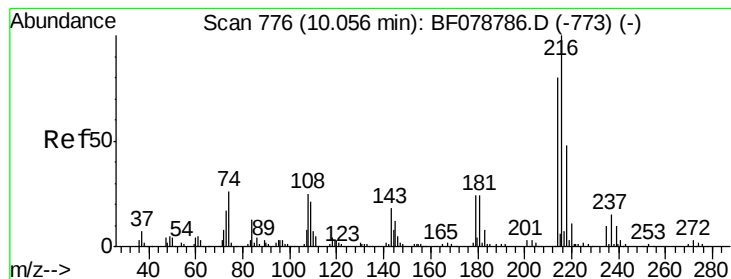
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.7	124.1
160	45.5	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: 38.09 ng

RT: 10.06 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

Tot Ion:216 Resp: 173570

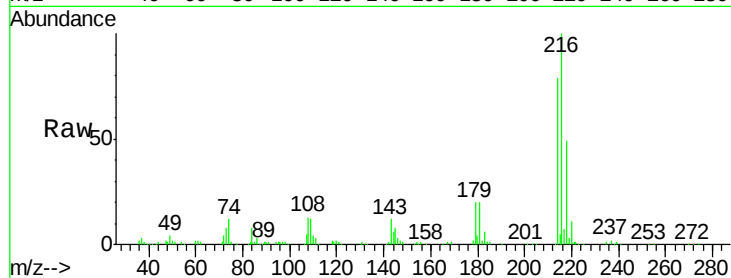
Ion Ratio Lower Upper

216 100

214 79.4 0.0 0.0#

179 21.7 0.0 0.0#

108 23.4 0.0 0.0#

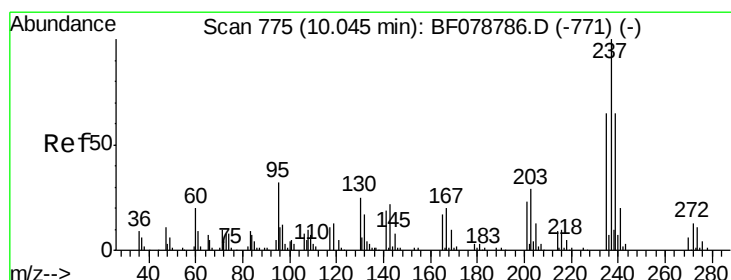
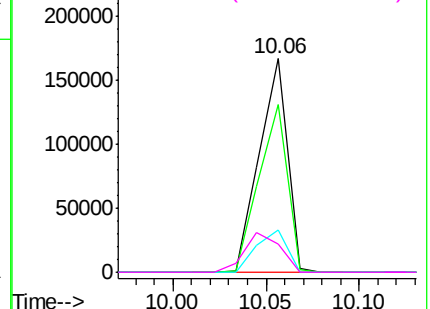
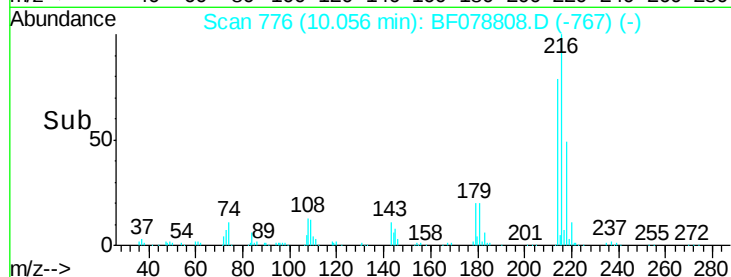


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.28 ng

RT: 10.04 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

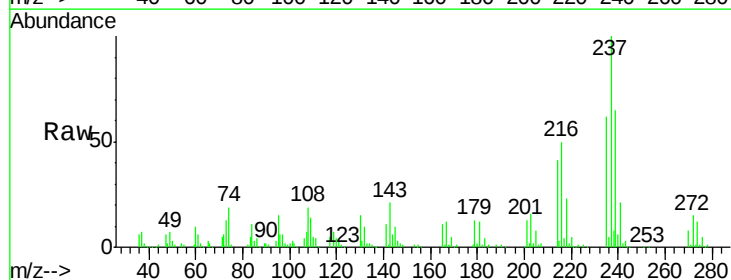
Tgt Ion:237 Resp: 172915

Ion Ratio Lower Upper

237 100

235 61.8 44.7 84.7

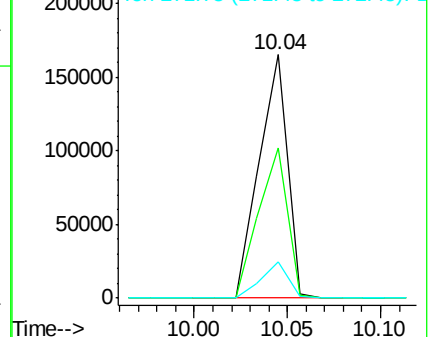
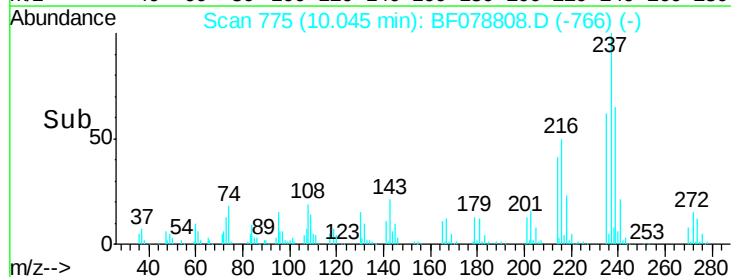
272 14.7 0.0 32.6

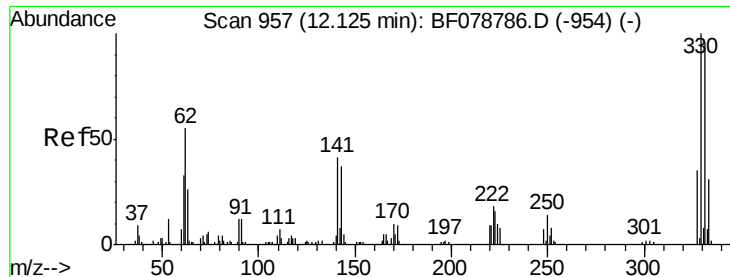


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

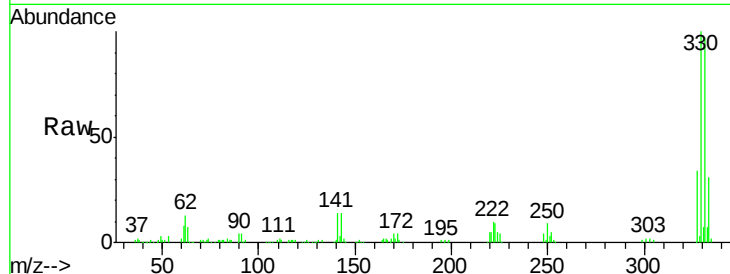




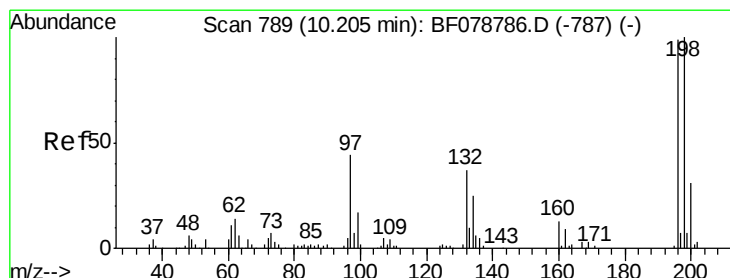
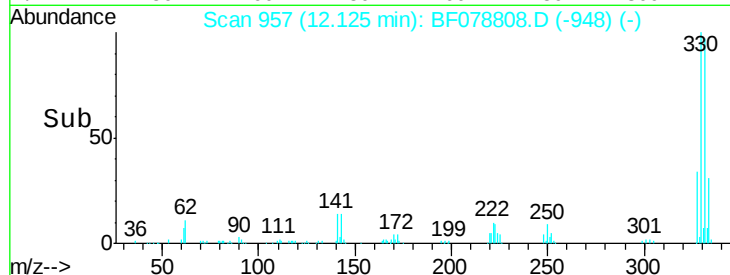
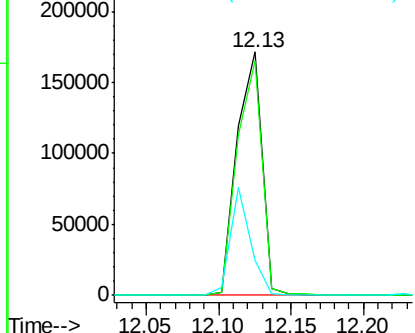
#41
 2,4,6-Tribromophenol
 Concen: 128.82 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

Tot Ion:330 Resp: 205884
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 35.6 0.0 0.0#

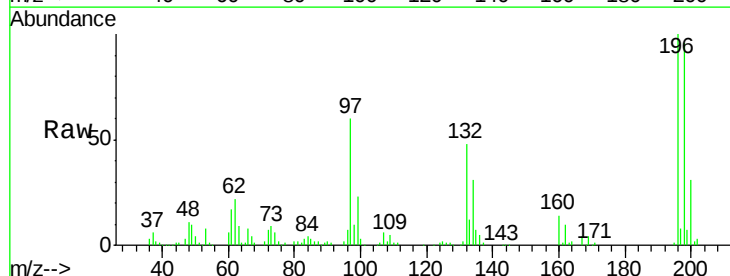


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

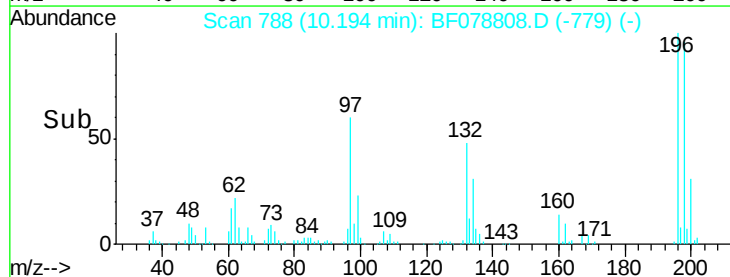
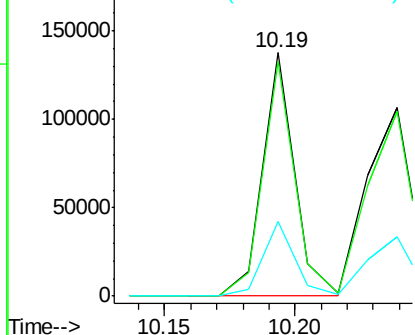


#42
 2,4,6-Trichlorophenol
 Concen: 42.61 ng
 RT: 10.19 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion:196 Resp: 118292
 Ion Ratio Lower Upper
 196 100
 198 96.5 80.5 120.7
 200 30.8 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

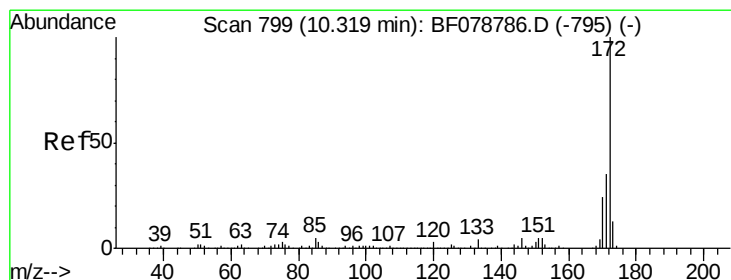
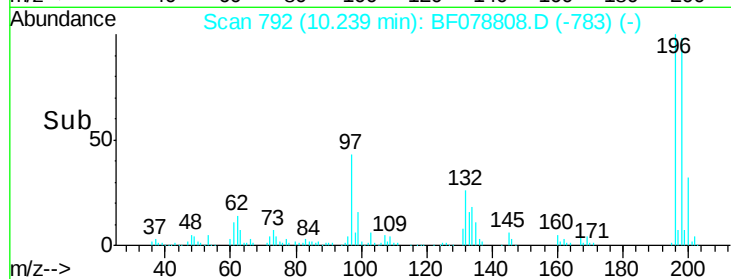
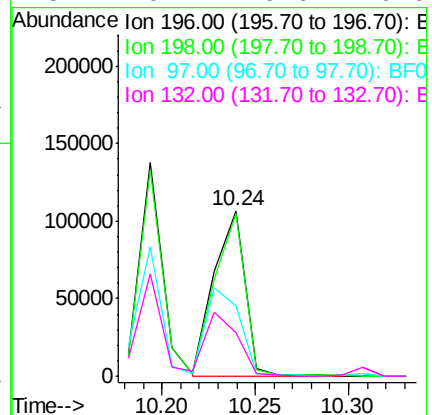
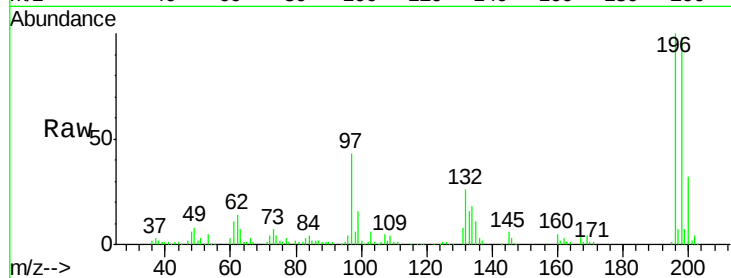




#43
 2,4,5-Trichlorophenol
 Concen: 41.94 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

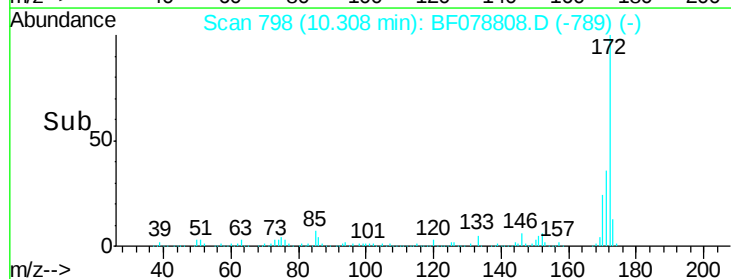
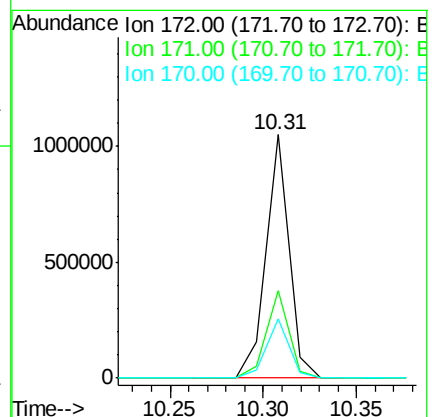
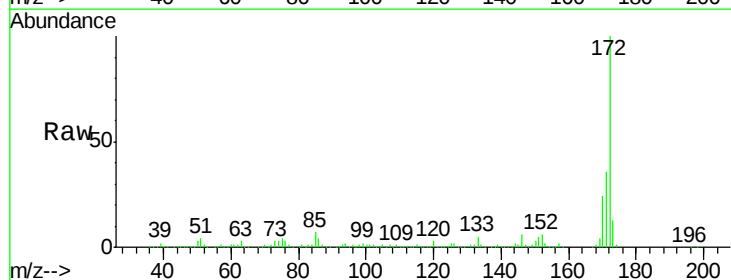
Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

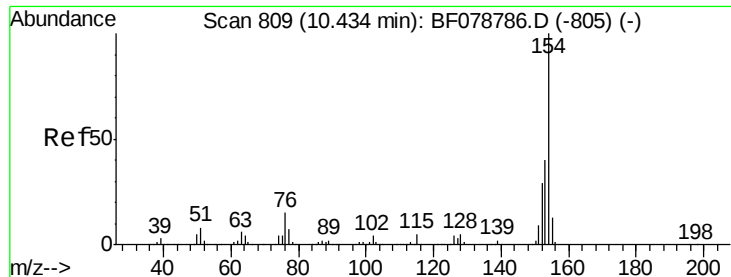
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.8	119.6
97	42.6	46.0	69.0#
132	26.2	26.6	40.0#



#44
 2-Fluorobiphenyl
 Concen: 75.87 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	24.3	19.4	29.0





#45

1,1'-Biphenyl

Concen: 40.11 ng

RT: 10.43 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

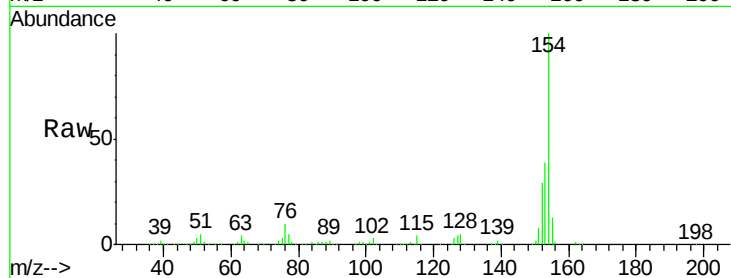
Tot Ion:154 Resp: 517663

Ion Ratio Lower Upper

154 100

153 39.1 19.9 59.9

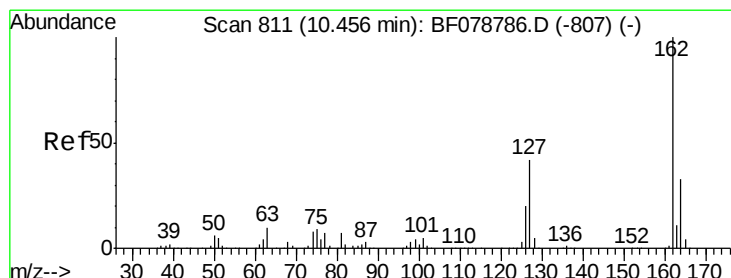
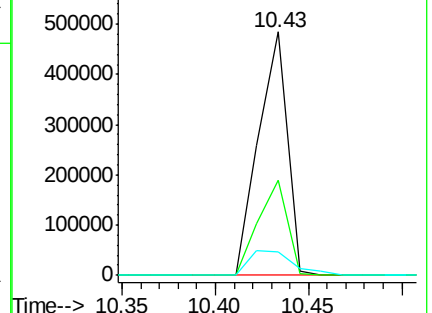
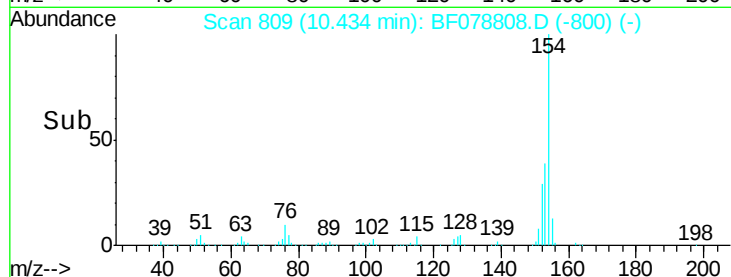
76 9.8 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.58 ng

RT: 10.46 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

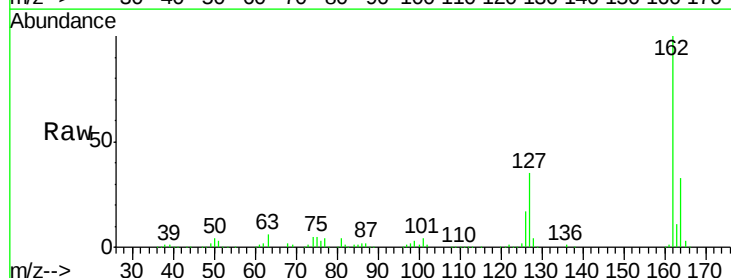
Tgt Ion:162 Resp: 389119

Ion Ratio Lower Upper

162 100

127 35.0 33.9 50.9

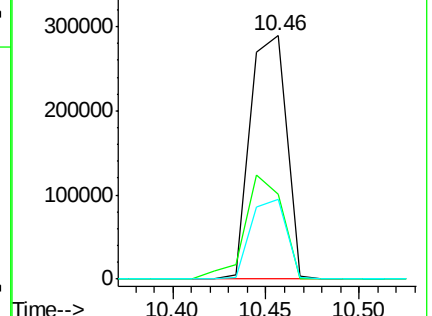
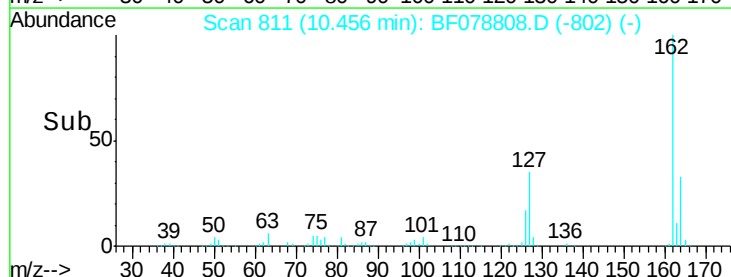
164 32.9 26.3 39.5

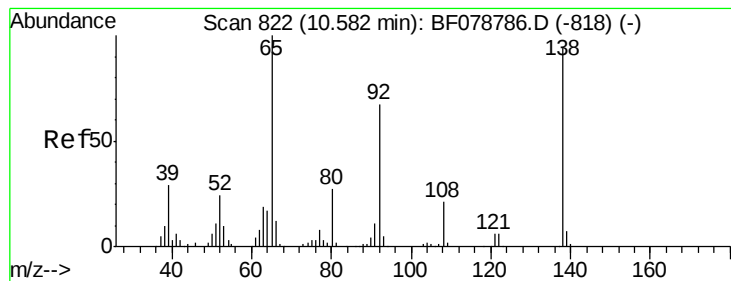


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.52 ng

RT: 10.57 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

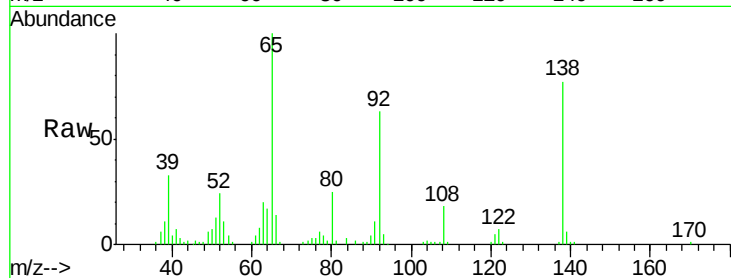
Tot Ion: 65 Resp: 102492

Ion Ratio Lower Upper

65 100

92 63.0 54.0 81.0

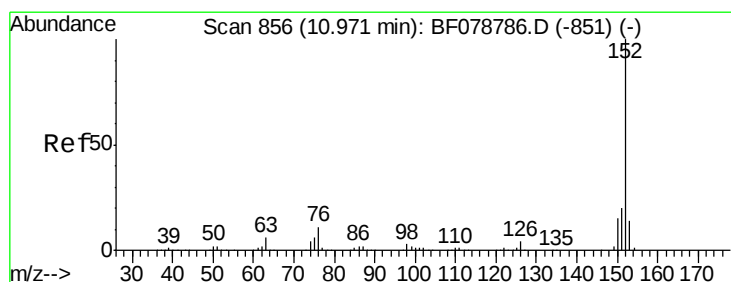
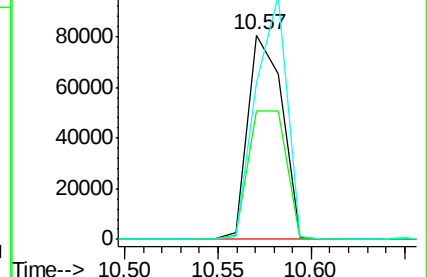
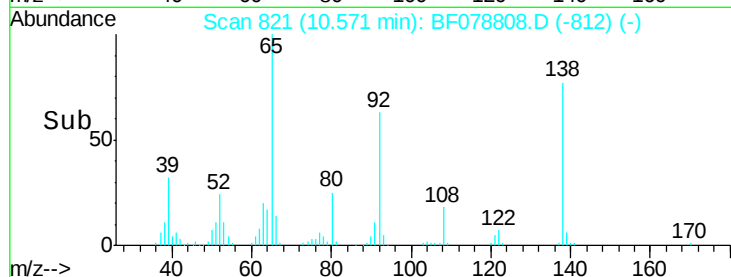
138 76.8 75.0 112.6



Abundance Ion 65.00 (64.70 to 65.70): BF078786.D (-818) (-)

Ion 92.00 (91.70 to 92.70): BF078786.D (-818) (-)

Ion 138.00 (137.70 to 138.70): BF078786.D (-818) (-)



#48

Acenaphthylene

Concen: 38.37 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

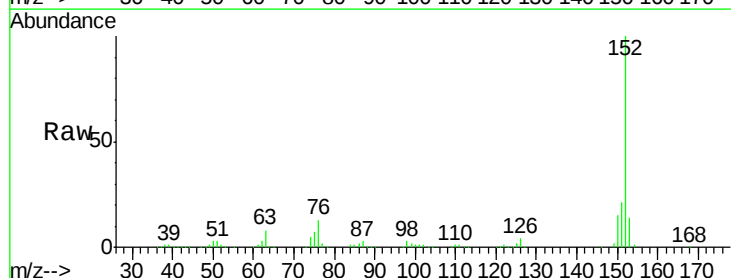
Tgt Ion: 152 Resp: 633273

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

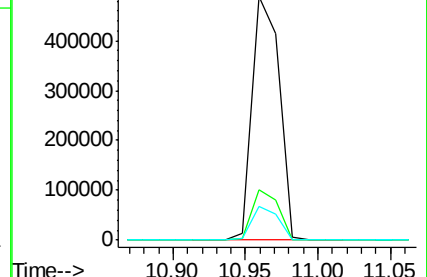
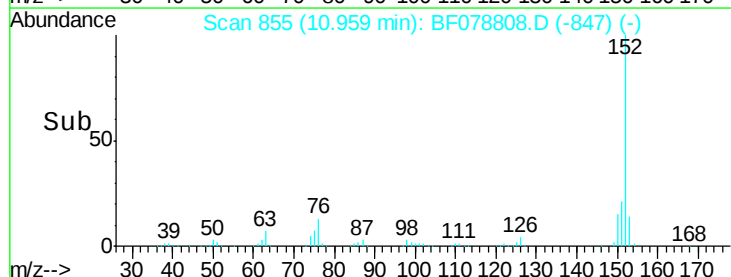
153 13.7 10.9 16.3

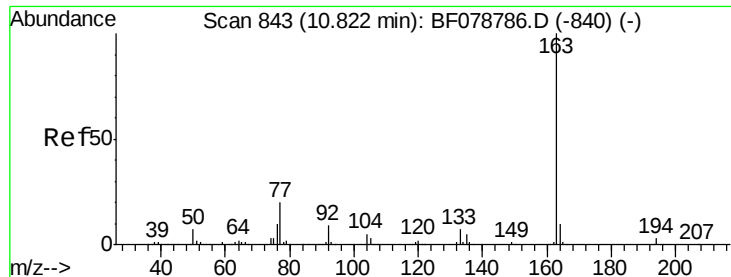


Abundance Ion 152.00 (151.70 to 152.70): BF078786.D (-851) (-)

Ion 151.00 (150.70 to 151.70): BF078786.D (-851) (-)

Ion 153.00 (152.70 to 153.70): BF078786.D (-851) (-)





#49

Dimethylphthalate

Concen: 38.75 ng

RT: 10.81 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleID :

PB83058BS

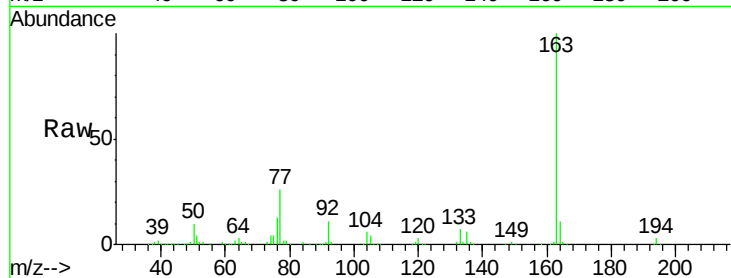
Tot Ion:163 Resp: 442967

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

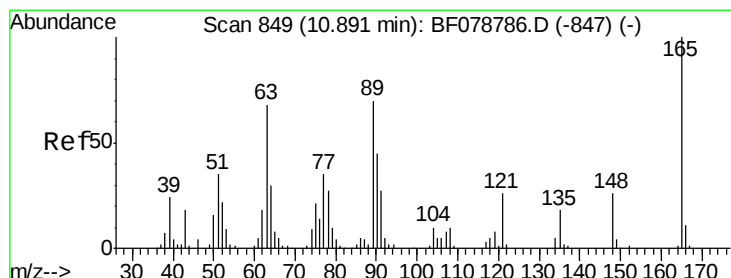
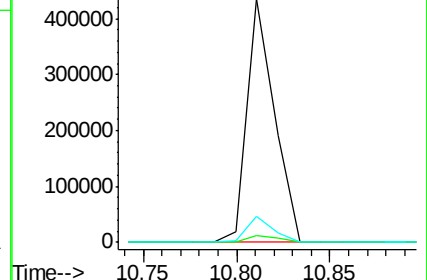
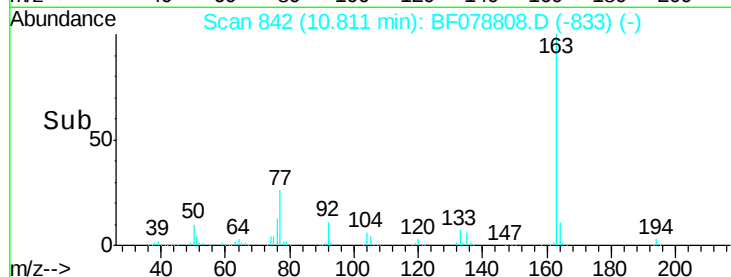
164 10.8 8.1 12.1



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: 44.56 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

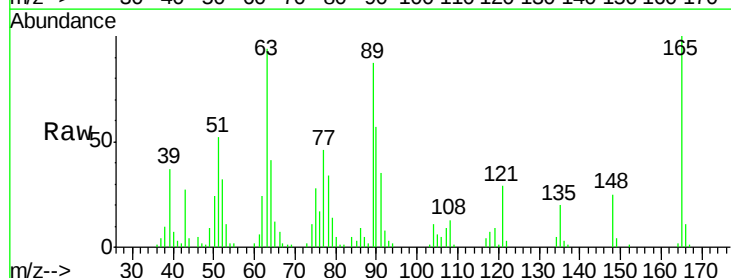
Tgt Ion:165 Resp: 82993

Ion Ratio Lower Upper

165 100

63 94.1 54.4 81.6#

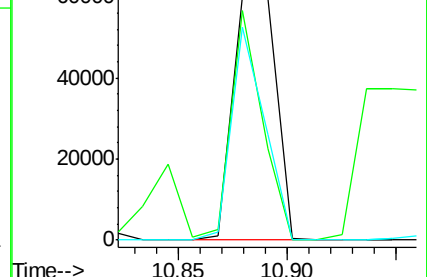
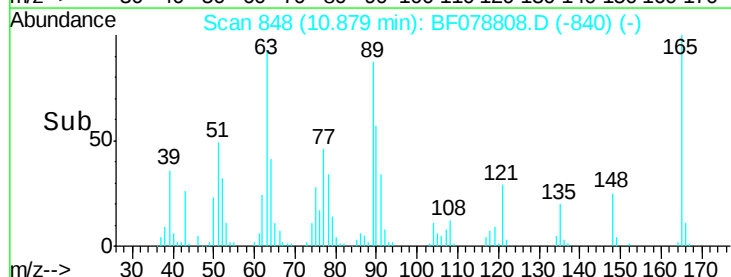
89 87.3 55.7 83.5#

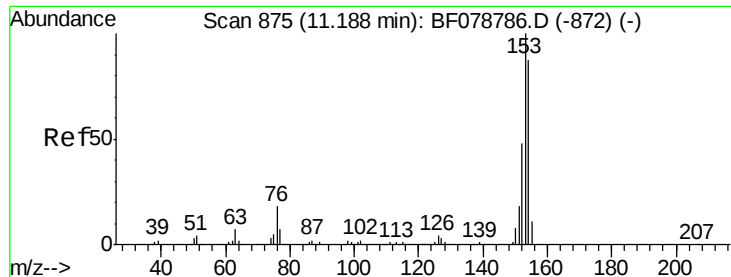


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.12 ng

RT: 11.18 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

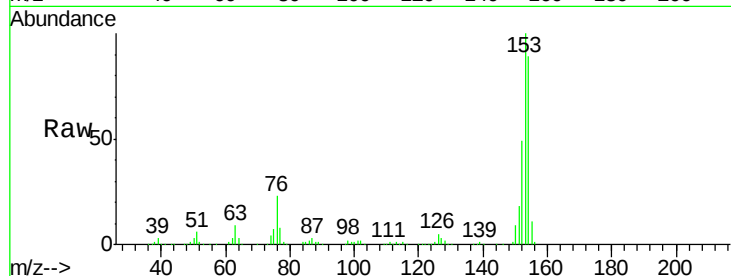
Tot Ion:154 Resp: 388892

Ion Ratio Lower Upper

154 100

153 112.8 91.5 137.3

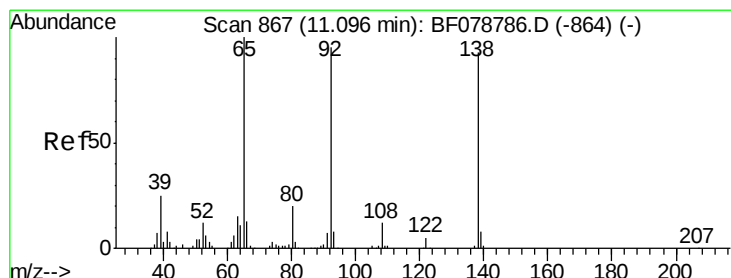
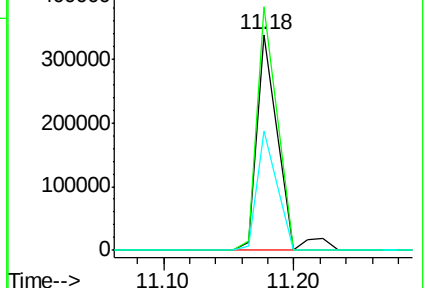
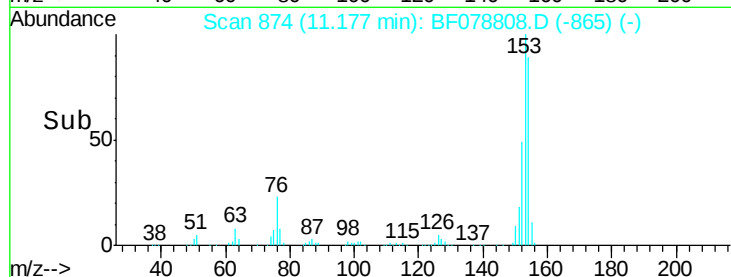
152 55.1 44.2 66.4



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: 30.71 ng

RT: 11.09 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

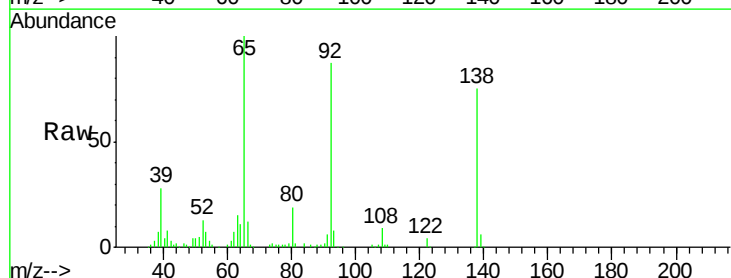
Tgt Ion:138 Resp: 74205

Ion Ratio Lower Upper

138 100

108 12.1 10.6 16.0

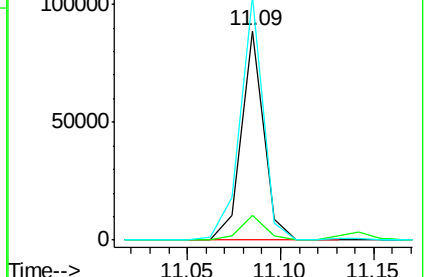
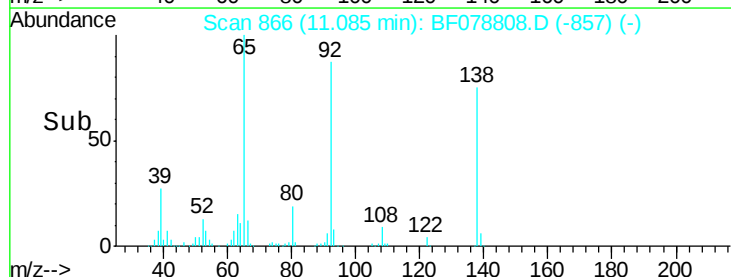
92 116.2 81.8 122.6

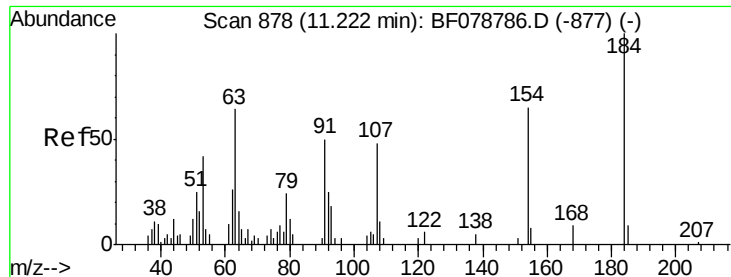


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

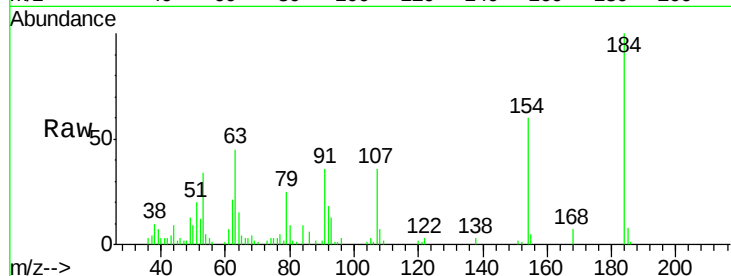




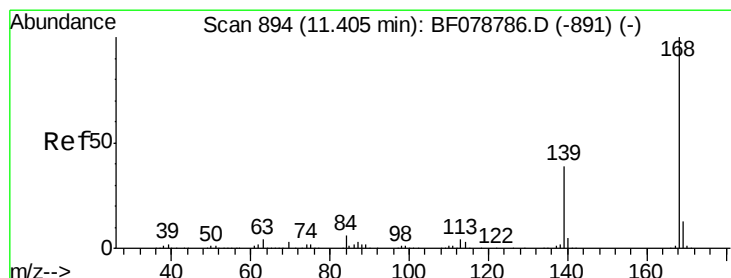
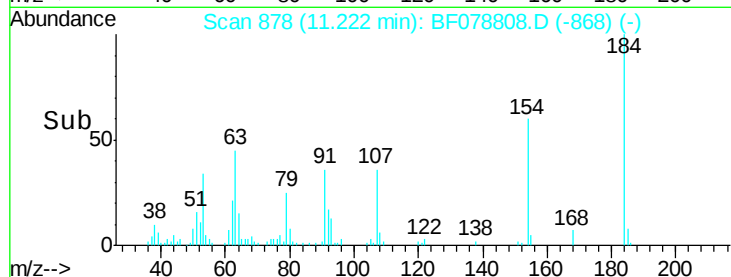
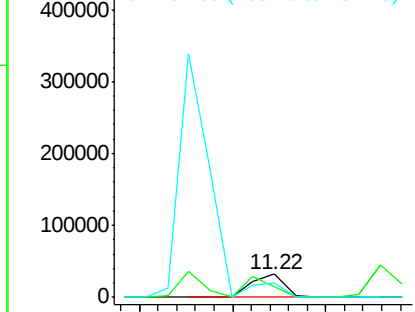
#53
 2,4-Dinitrophenol
 Concen: 128.49 ng
 RT: 11.22 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Instrument :
 BNA_F
 ClientSampled :
 PB83058BS

Tot Ion:184 Resp: 38114
 Ion Ratio Lower Upper
 184 100
 63 44.9 63.3 94.9#
 154 60.4 53.8 80.6

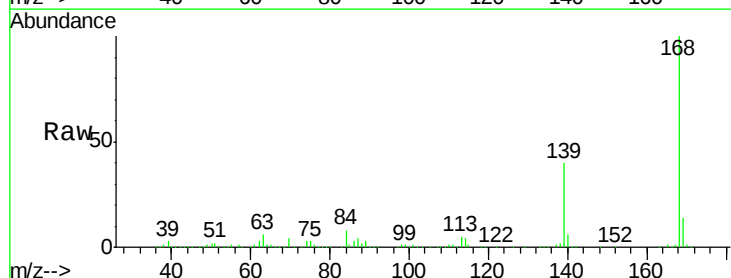


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

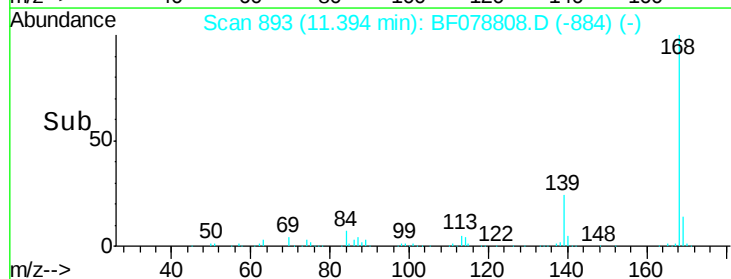
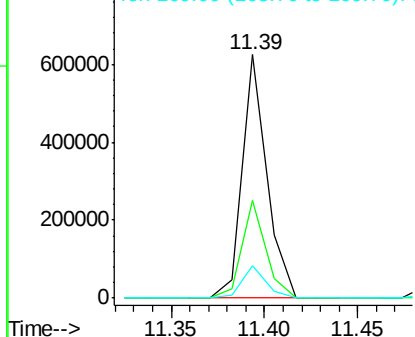


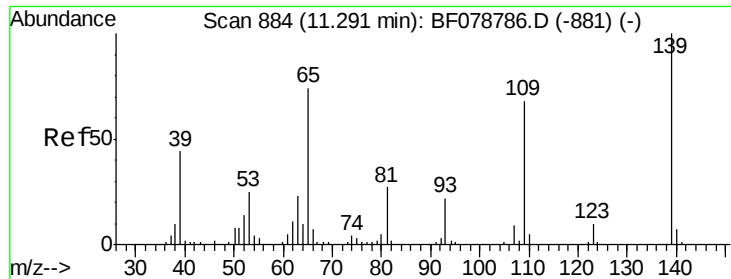
#54
 Dibenzofuran
 Concen: 40.35 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion:168 Resp: 573707
 Ion Ratio Lower Upper
 168 100
 139 40.2 31.0 46.4
 169 13.6 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

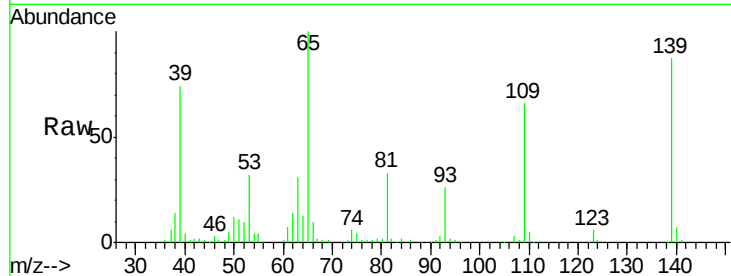




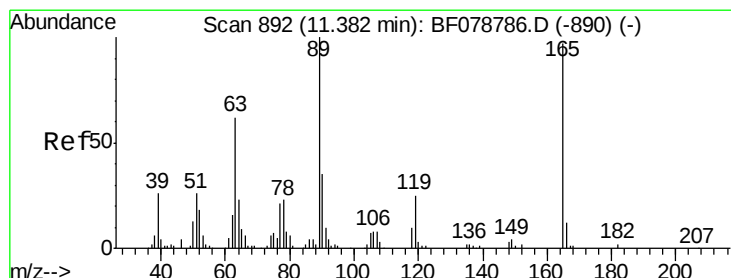
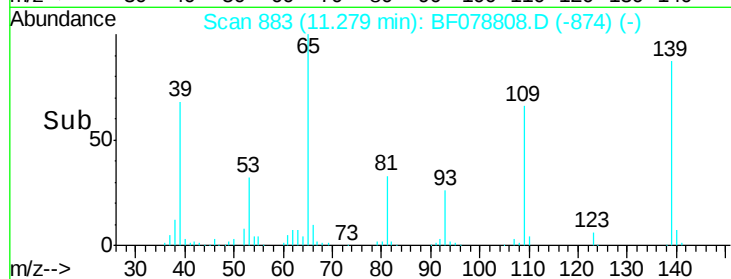
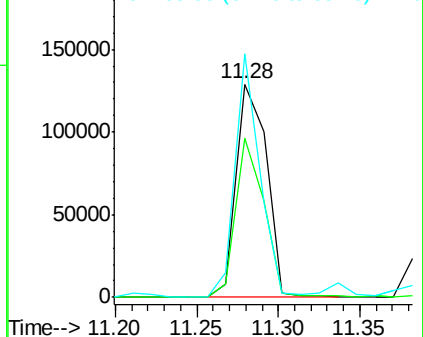
#55
4-Nitrophenol
Concen: 85.23 ng
RT: 11.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
PB83058BS

Tot Ion:139 Resp: 166174
Ion Ratio Lower Upper
139 100
109 75.0 47.6 87.6
65 114.4 54.3 94.3#

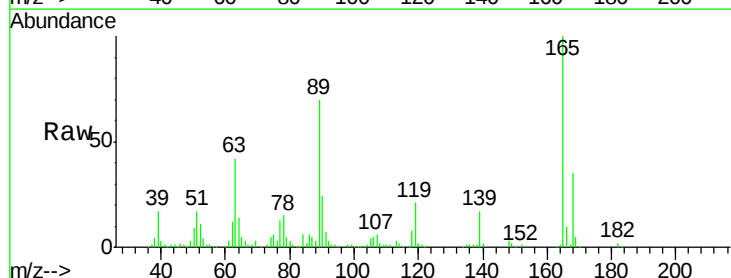


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

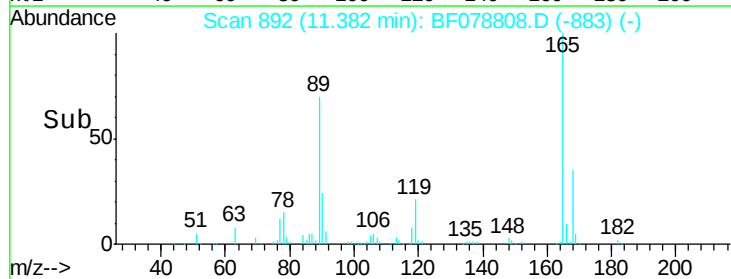
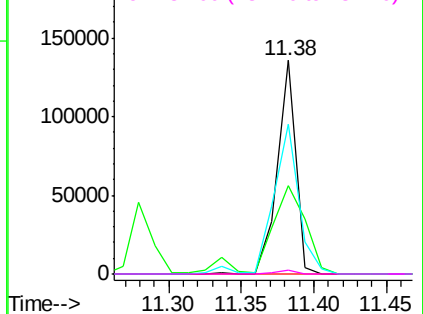


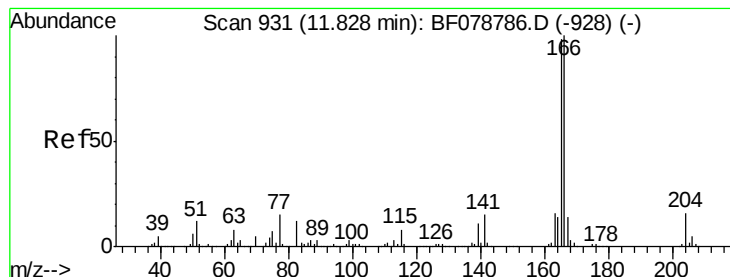
#56
2,4-Dinitrotoluene
Concen: 51.91 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Tgt Ion:165 Resp: 119343
Ion Ratio Lower Upper
165 100
63 41.6 51.2 76.8#
89 70.1 82.7 124.1#
182 2.0 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: 39.99 ng

RT: 11.82 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

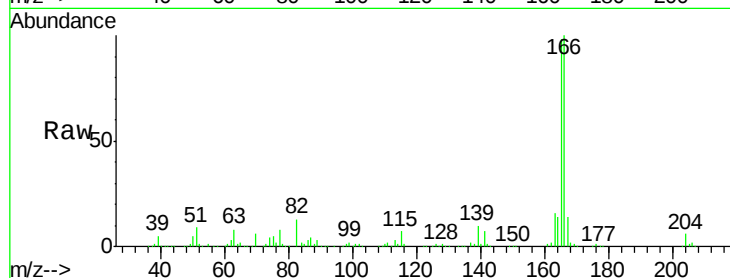
Tot Ion:166 Resp: 454581

Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

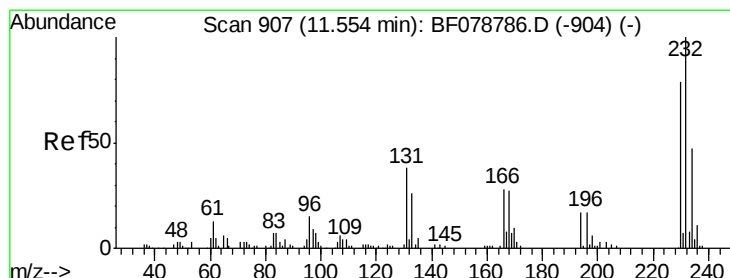
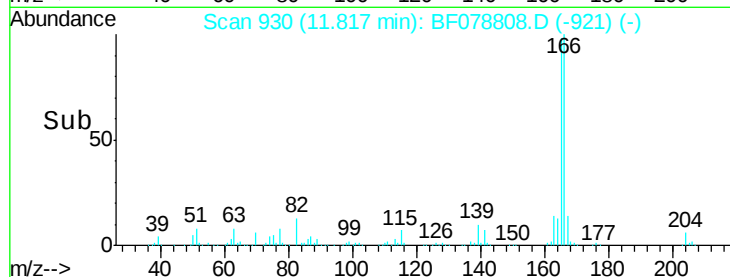
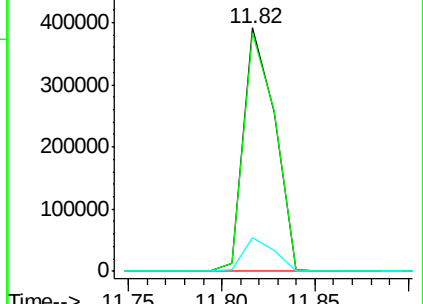
167 14.1 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.10 ng

RT: 11.54 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Tgt Ion:232 Resp: 102011

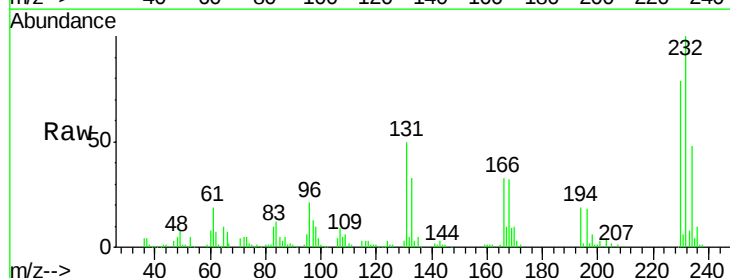
Ion Ratio Lower Upper

232 100

131 53.9 0.0 0.0#

130 2.5 0.0 0.0#

166 34.4 0.0 0.0#

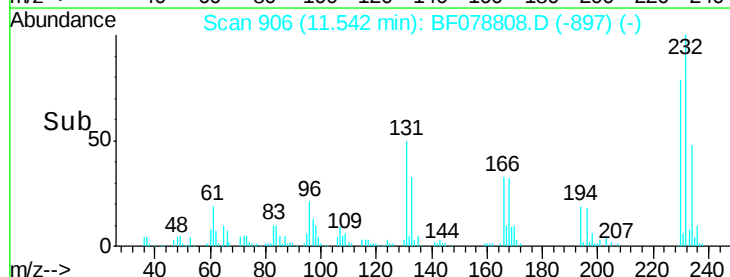
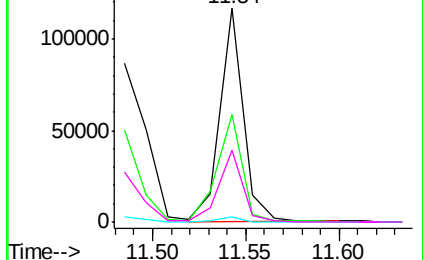


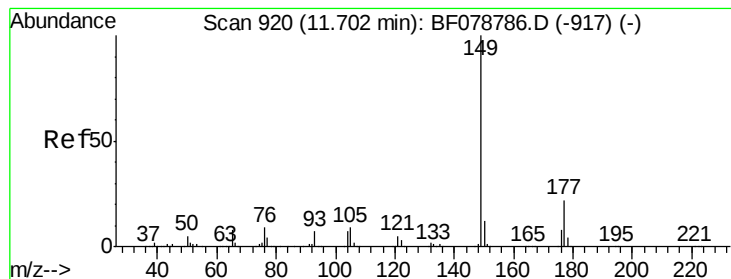
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.17 ng

RT: 11.69 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

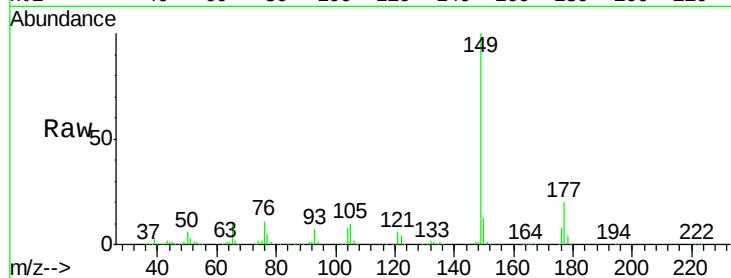
Tot Ion:149 Resp: 468388

Ion Ratio Lower Upper

149 100

177 20.2 17.5 26.3

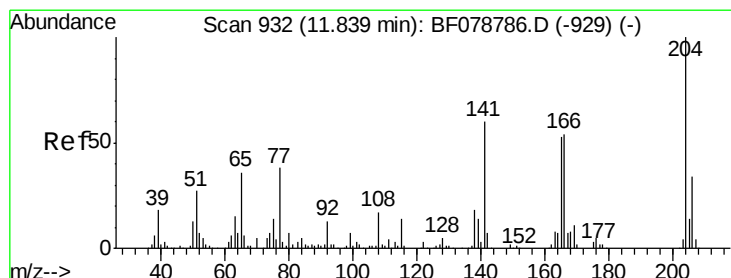
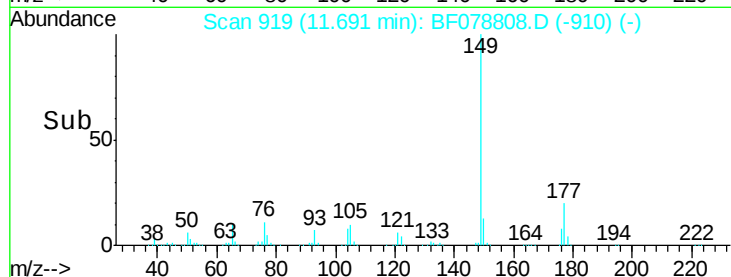
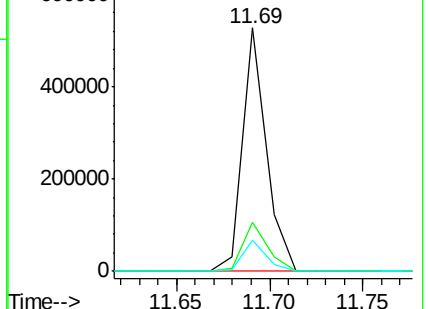
150 12.8 9.6 14.4



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: 40.43 ng

RT: 11.83 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

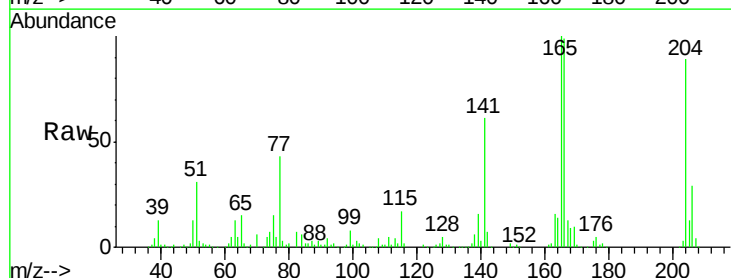
Tgt Ion:204 Resp: 204494

Ion Ratio Lower Upper

204 100

206 32.5 26.9 40.3

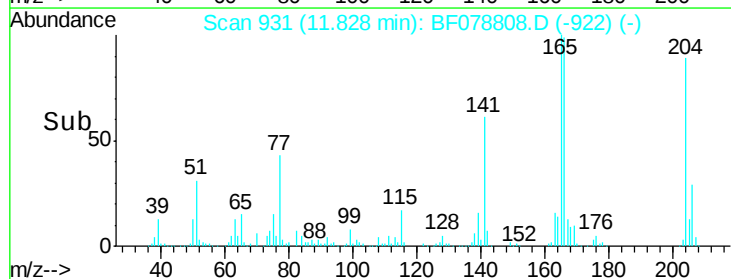
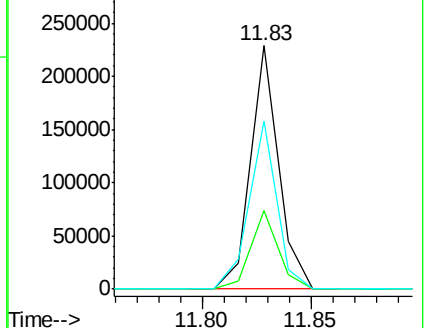
141 68.8 48.3 72.5

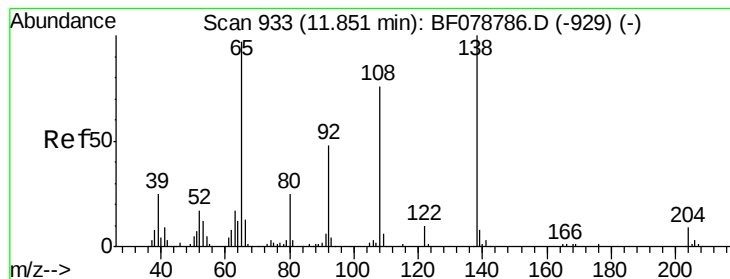


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.44 ng

RT: 11.84 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

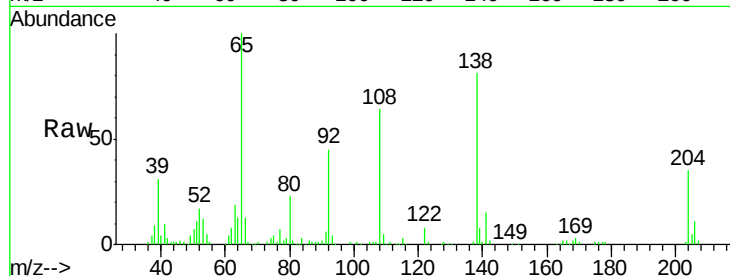
Tot Ion:138 Resp: 97684

Ion Ratio Lower Upper

138 100

92 55.2 28.0 68.0

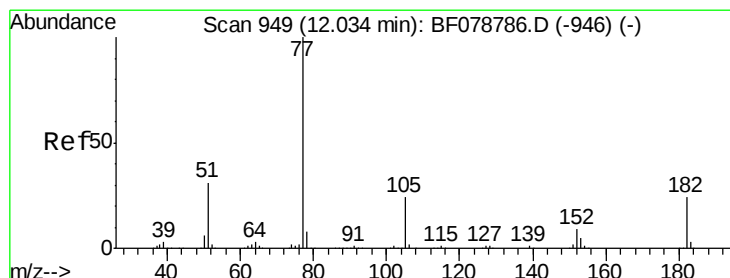
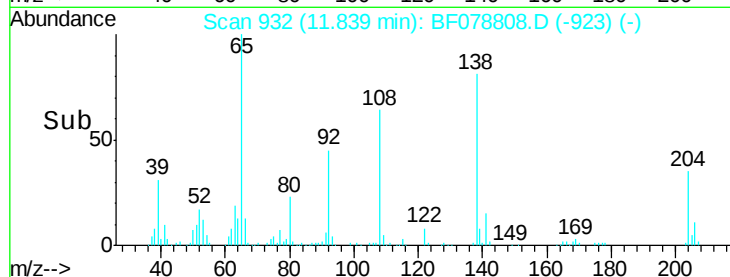
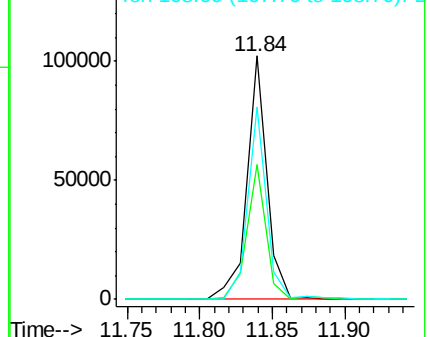
108 79.0 56.3 96.3



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: 42.53 ng

RT: 12.02 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Tgt Ion: 77 Resp: 493297

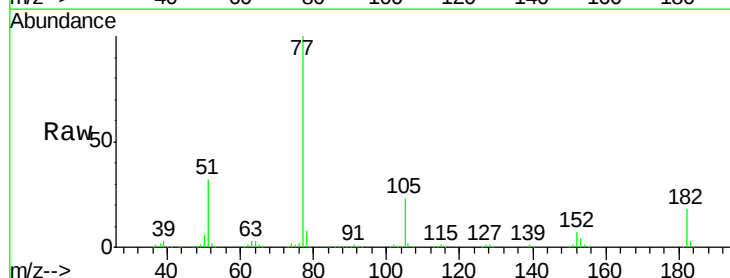
Ion Ratio Lower Upper

77 100

182 18.5 3.8 43.8

105 22.7 3.9 43.9

51 32.0 10.8 50.8

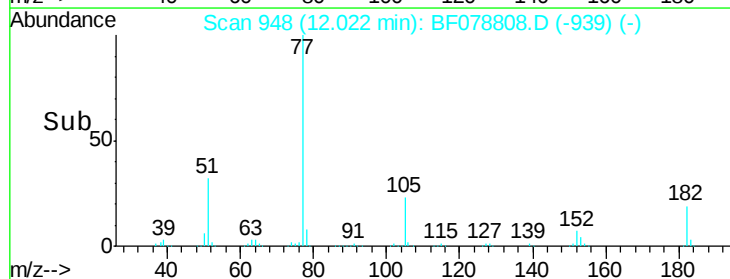
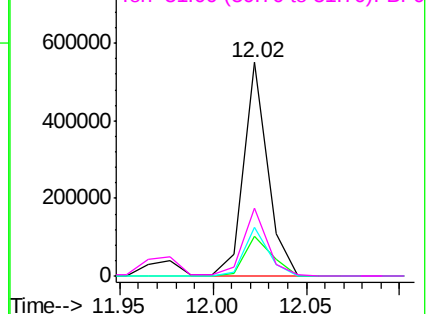


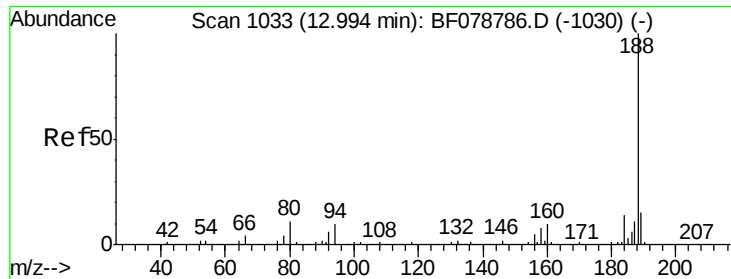
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

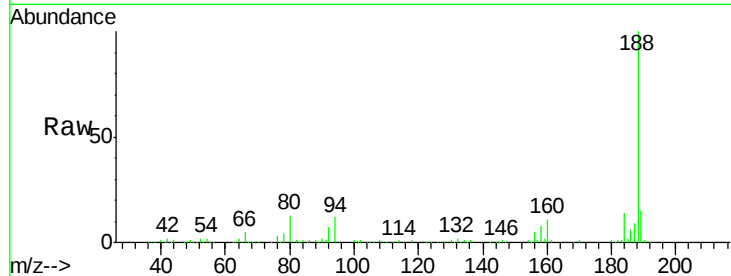




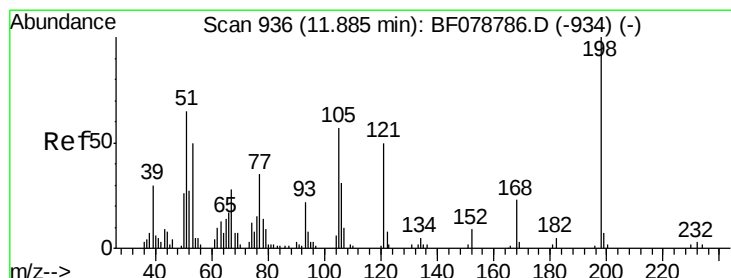
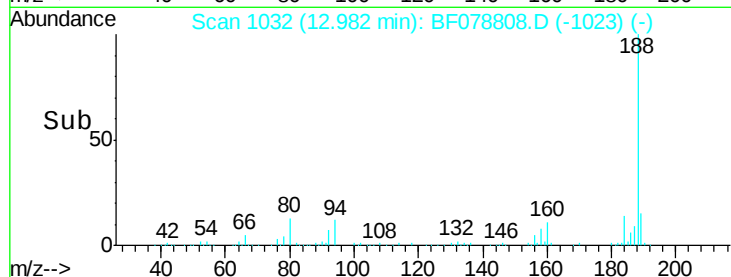
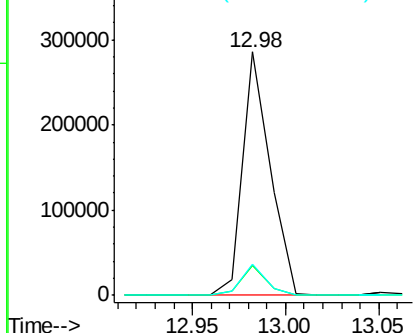
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
PB83058BS

Tot Ion:188 Resp: 293434
Ion Ratio Lower Upper
188 100
94 12.3 8.2 12.2#
80 12.9 8.9 13.3

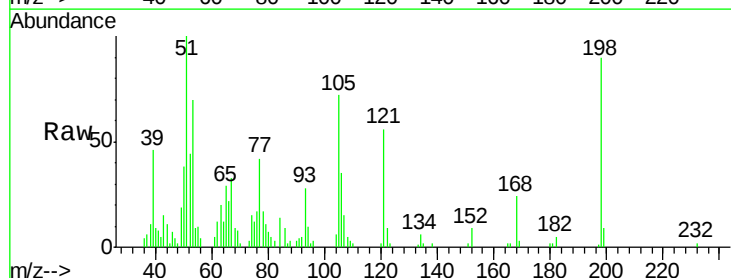


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

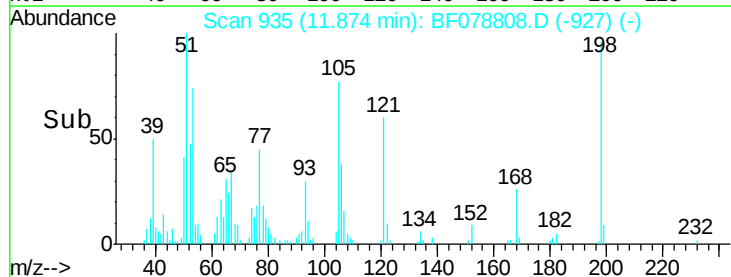
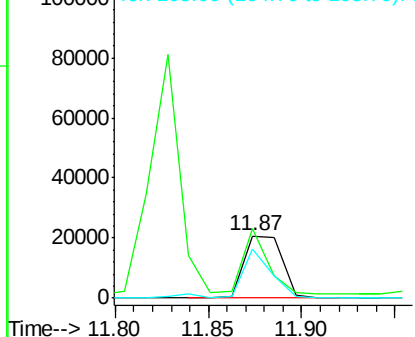


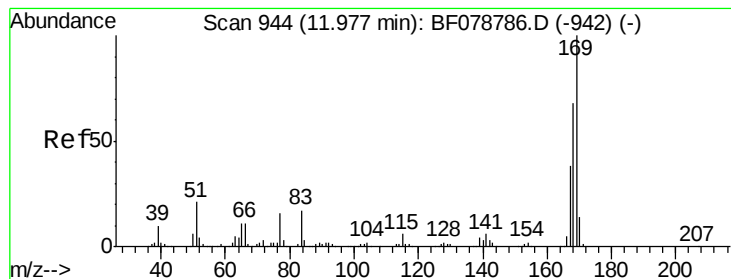
#64
4,6-Dinitro-2-methylphenol
Concen: 56.40 ng
RT: 11.87 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Tgt Ion:198 Resp: 28963
Ion Ratio Lower Upper
198 100
51 111.0 47.3 87.3#
105 79.7 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: 42.27 ng

RT: 11.98 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

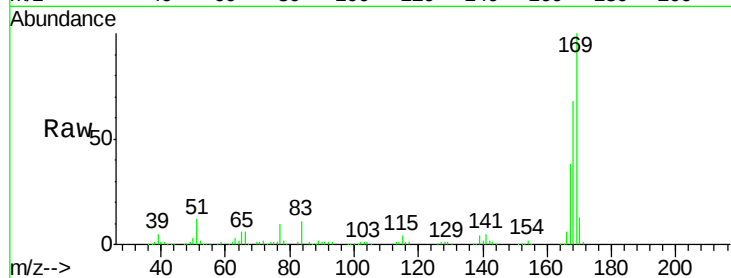
Tot Ion:169 Resp: 401042

Ion Ratio Lower Upper

169 100

168 68.3 54.6 82.0

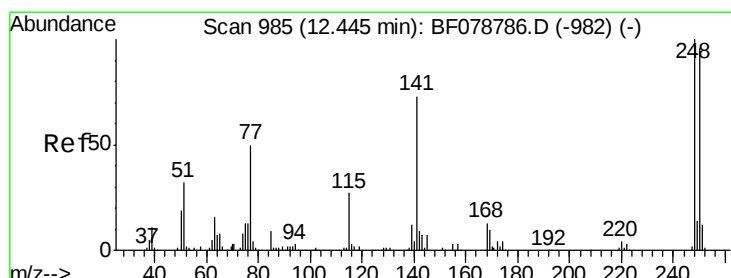
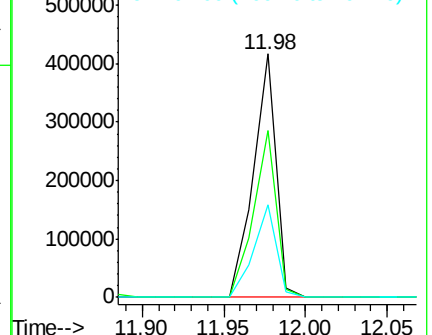
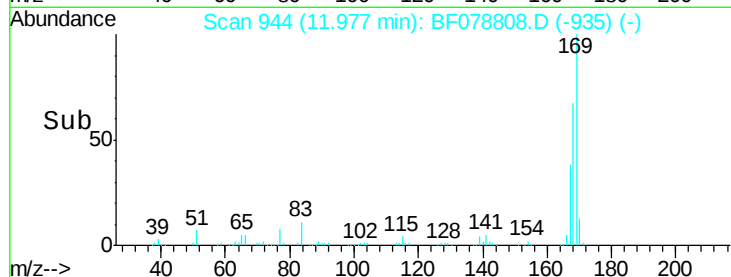
167 37.9 30.6 45.8



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: 41.37 ng

RT: 12.43 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

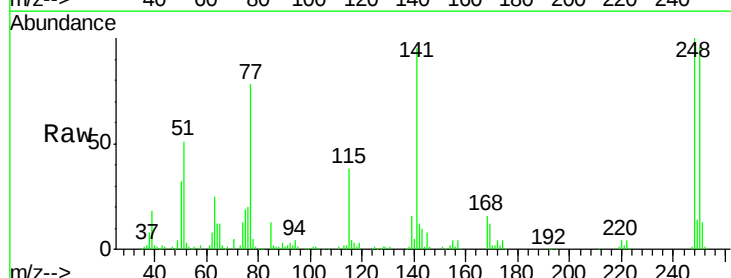
Tgt Ion:248 Resp: 122537

Ion Ratio Lower Upper

248 100

250 96.1 77.1 115.7

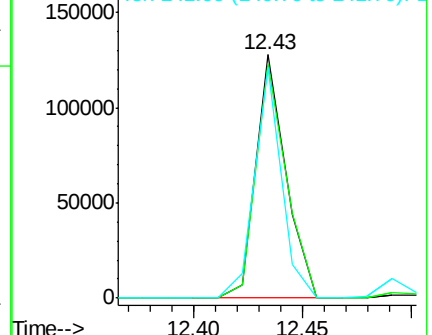
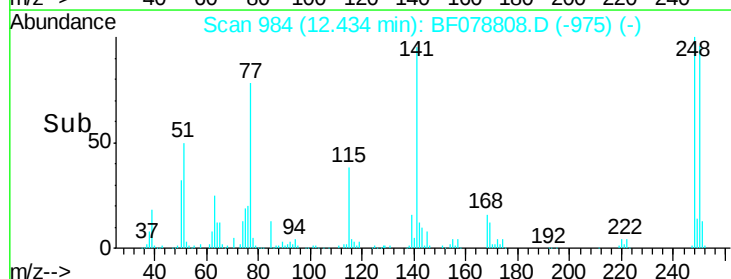
141 95.0 58.8 88.2#

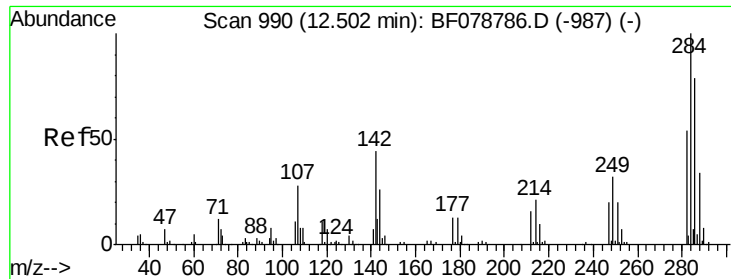


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

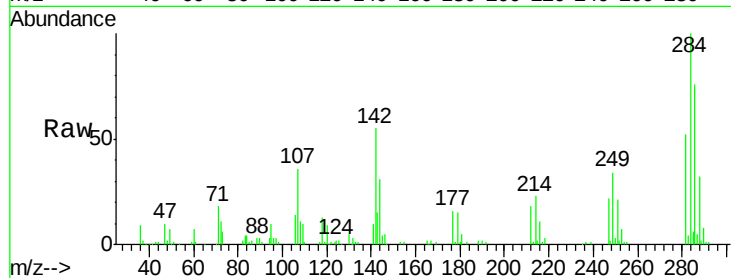




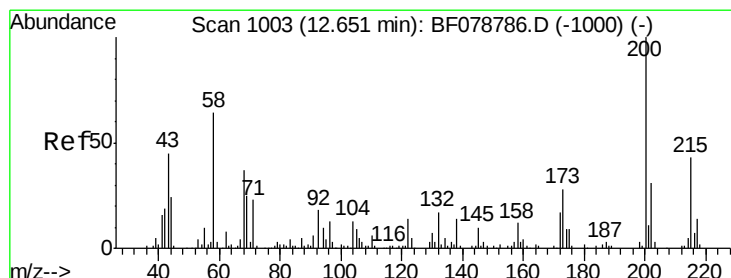
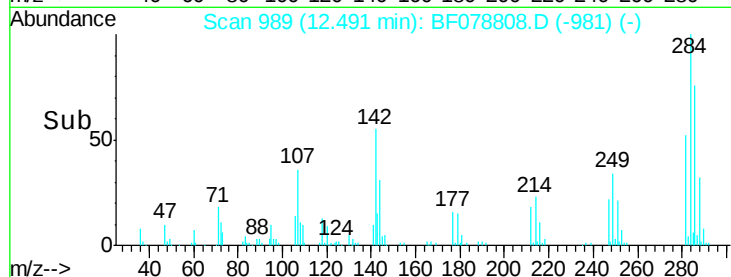
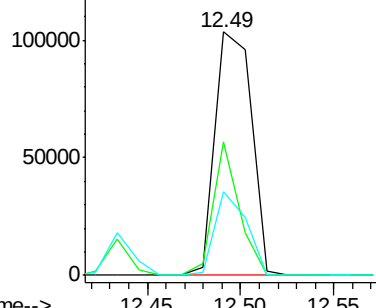
#67
Hexachlorobenzene
Concen: 41.82 ng
RT: 12.49 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
PB83058BS

Tot Ion:284 Resp: 140321
Ion Ratio Lower Upper
284 100
142 54.7 35.2 52.8#
249 34.1 25.4 38.2

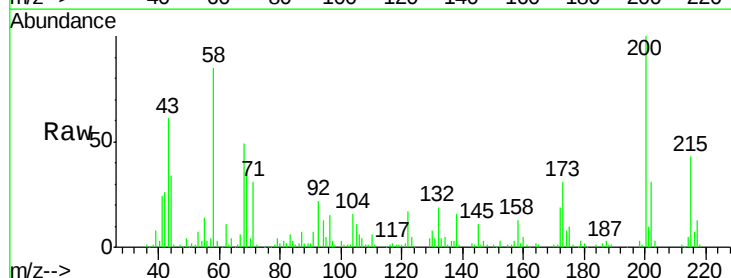


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

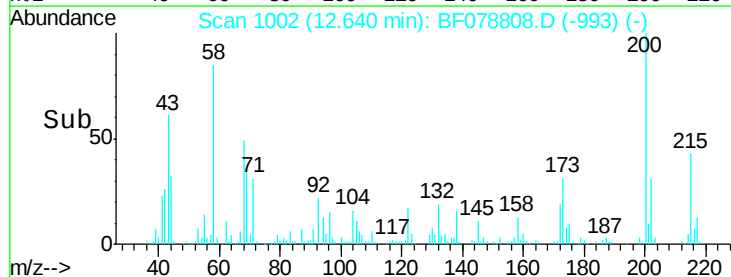
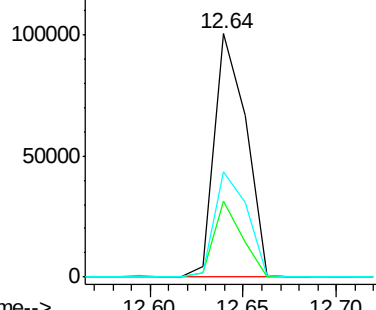


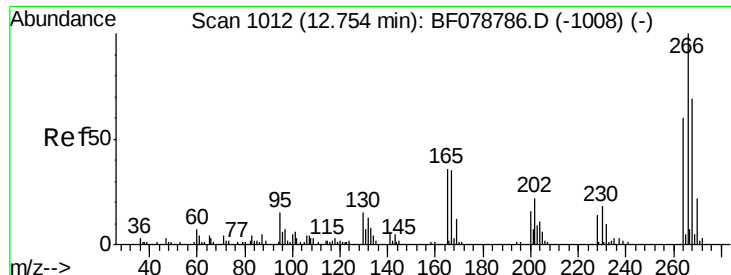
#68
Atrazine
Concen: 46.36 ng
RT: 12.64 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Tgt Ion:200 Resp: 117793
Ion Ratio Lower Upper
200 100
173 31.2 8.1 48.1
215 43.4 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

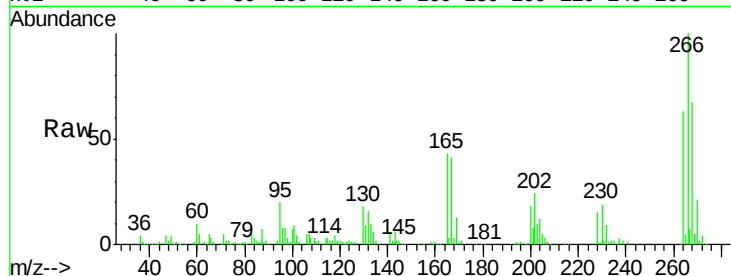




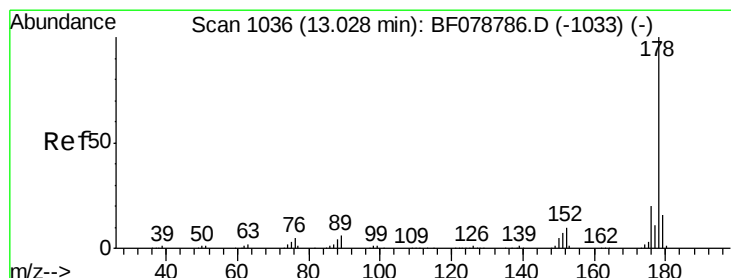
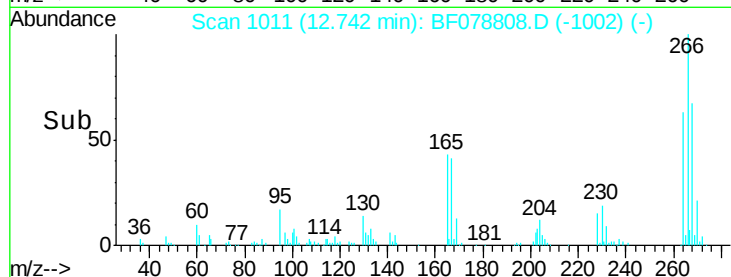
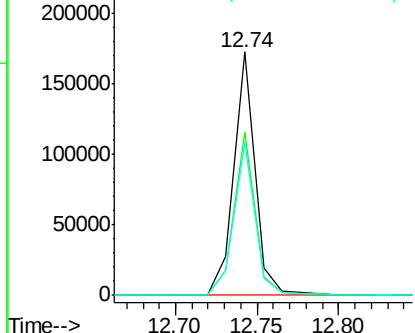
#69
 Pentachlorophenol
 Concen: 86.21 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Instrument :
 BNA_F
 ClientSampled :
 PB83058BS

Tot Ion:266 Resp: 155649
 Ion Ratio Lower Upper
 266 100
 268 67.0 55.0 82.6
 264 62.6 48.2 72.2

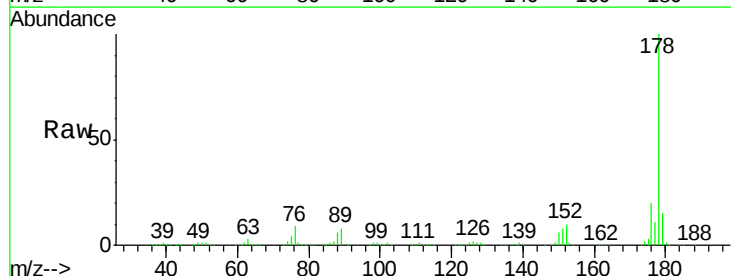


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

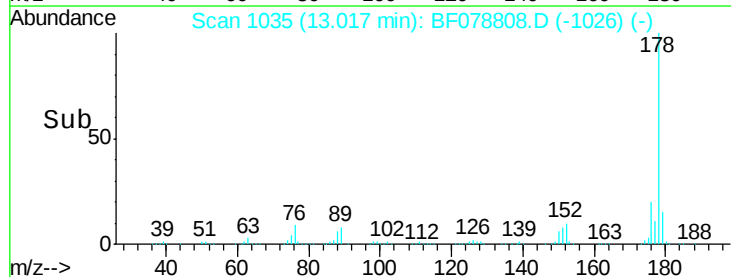
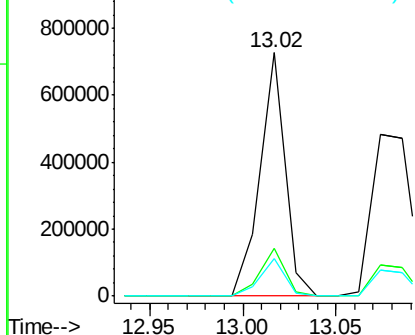


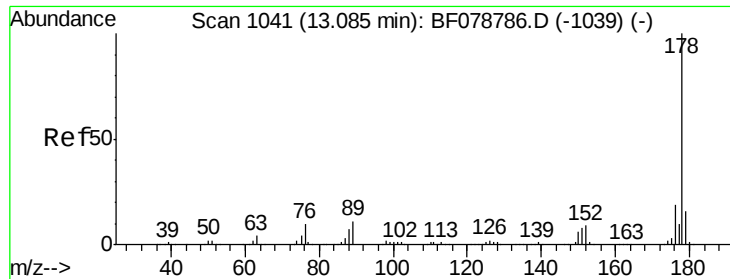
#70
 Phenanthrene
 Concen: 42.36 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion:178 Resp: 672940
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.3 12.5 18.7



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

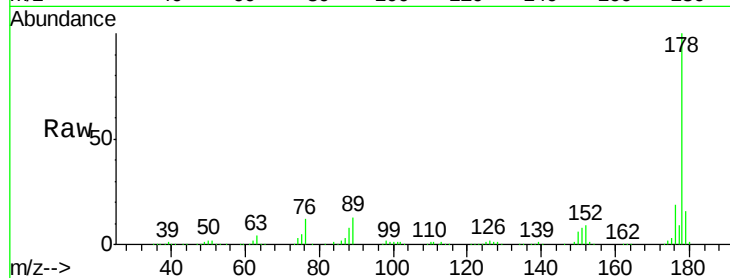




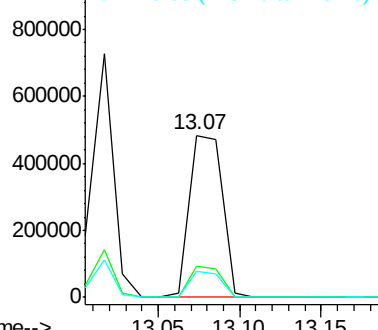
#71
 Anthracene
 Concen: 43.27 ng
 RT: 13.07 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

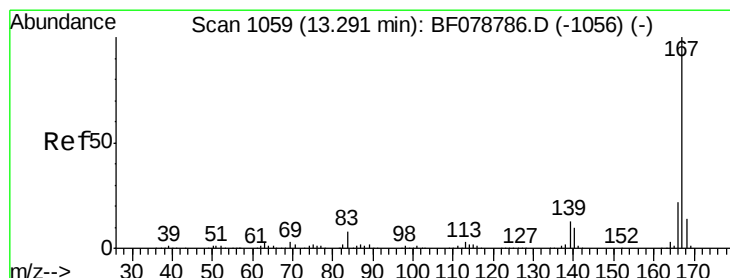
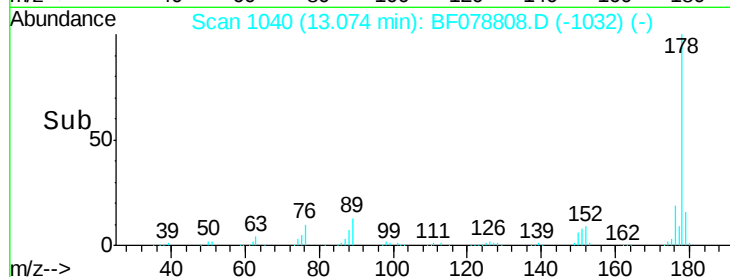
Tot Ion:178 Resp: 672091
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 16.2 12.7 19.1



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

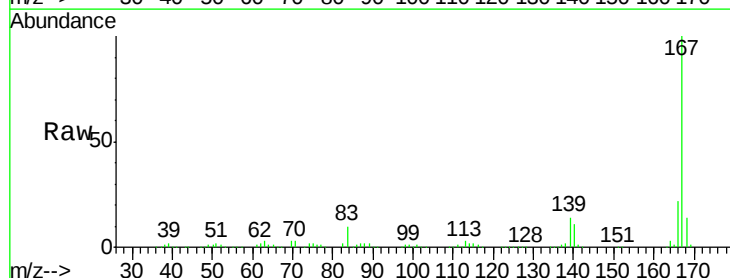


Time-->

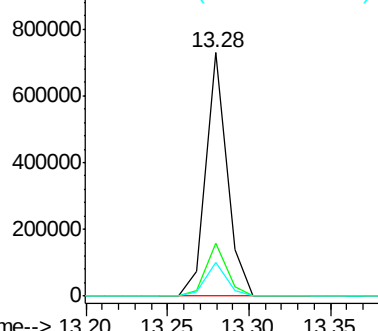


#72
 Carbazole
 Concen: 44.25 ng
 RT: 13.28 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

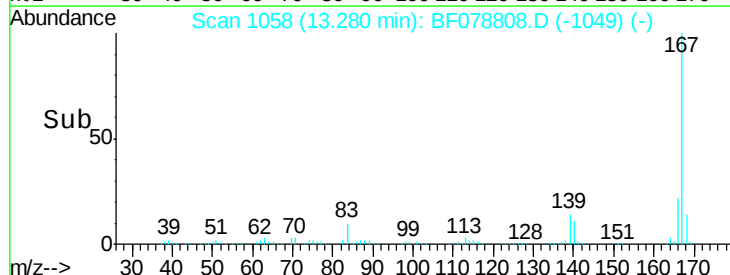
Tgt Ion:167 Resp: 649055
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.8 10.6 16.0

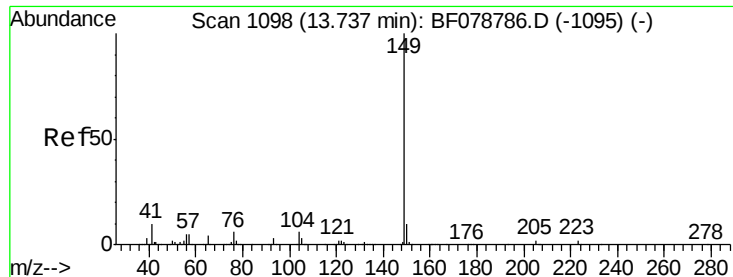


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->

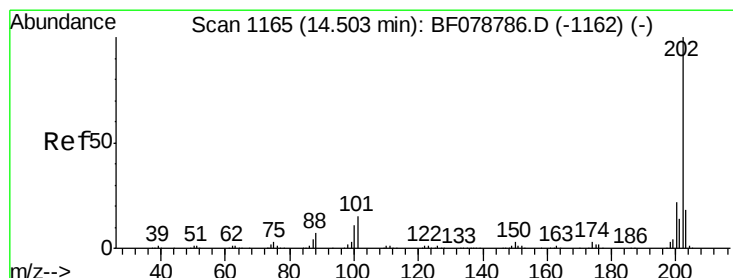
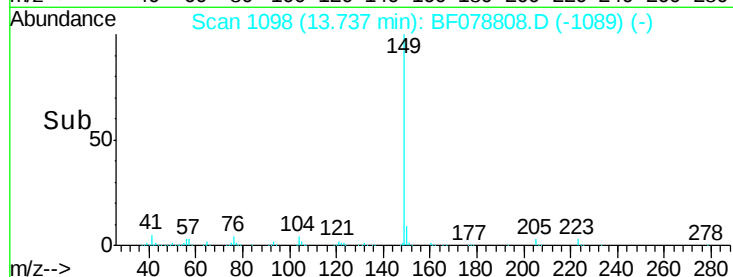
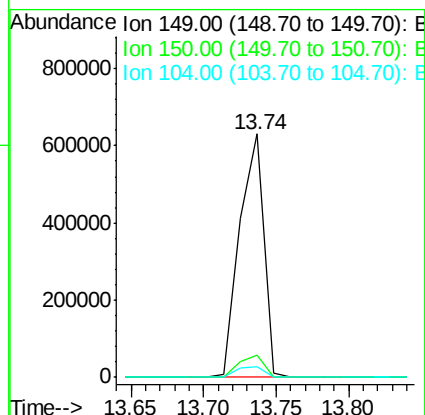
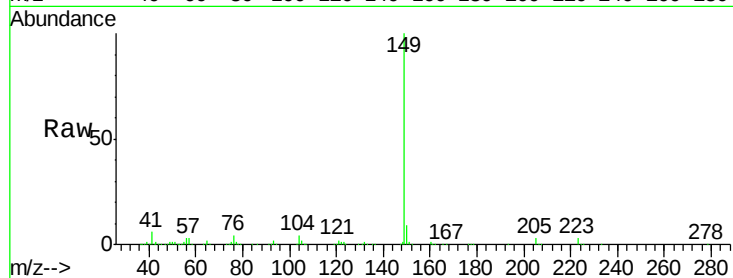




#73
Di-n-butylphthalate
Concen: 43.00 ng
RT: 13.74 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

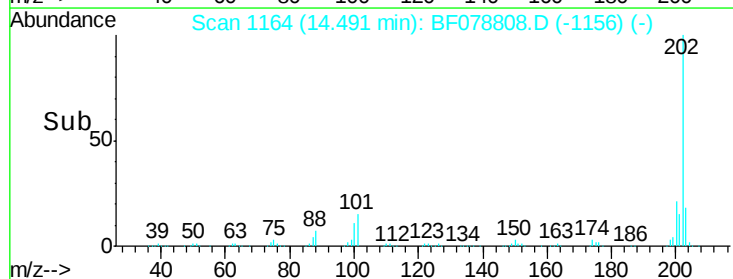
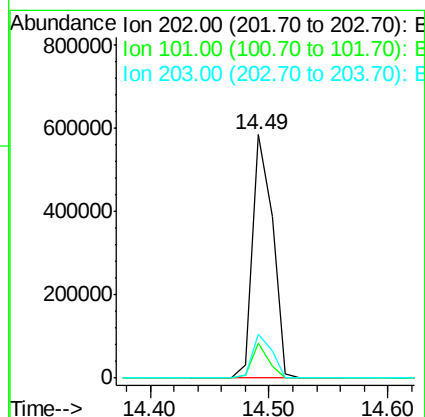
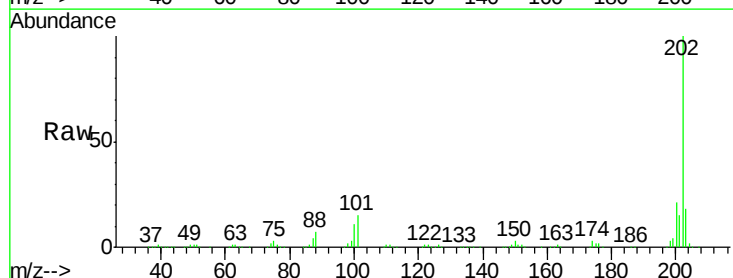
Instrument :
BNA_F
ClientSampleId :
PB83058BS

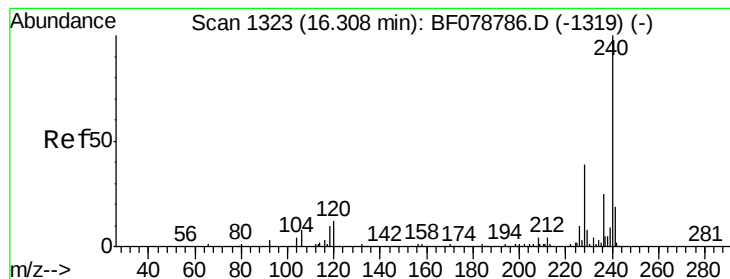
Tot Ion:149 Resp: 730717
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.3 4.6 7.0#



#74
Fluoranthene
Concen: 44.11 ng
RT: 14.49 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Tgt Ion:202 Resp: 698809
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.6
203 18.0 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

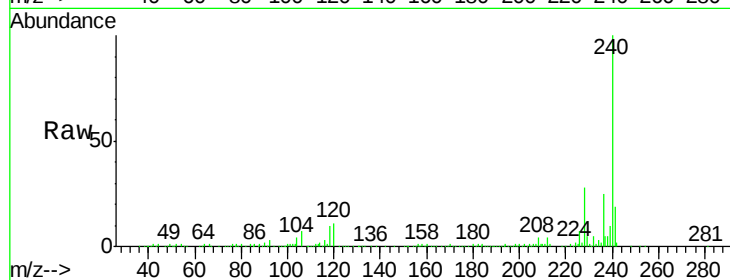
Tot Ion:240 Resp: 306553

Ion Ratio Lower Upper

240 100

120 10.6 9.7 14.5

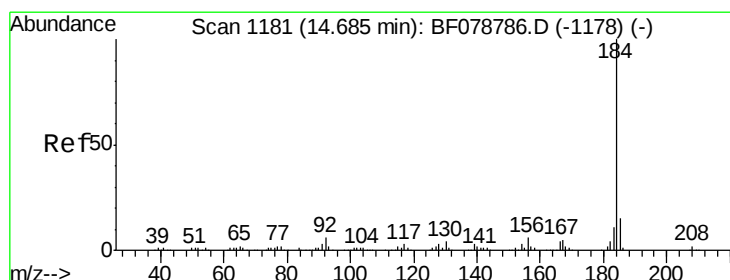
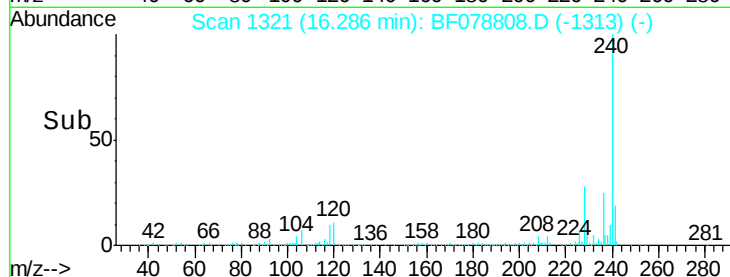
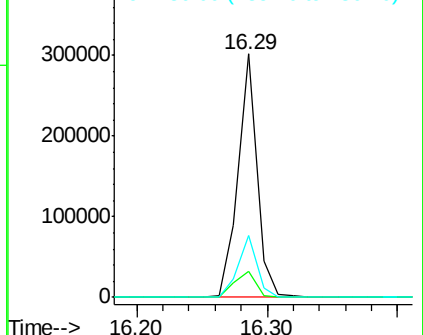
236 25.2 20.2 30.4



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: 23.22 ng

RT: 14.67 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

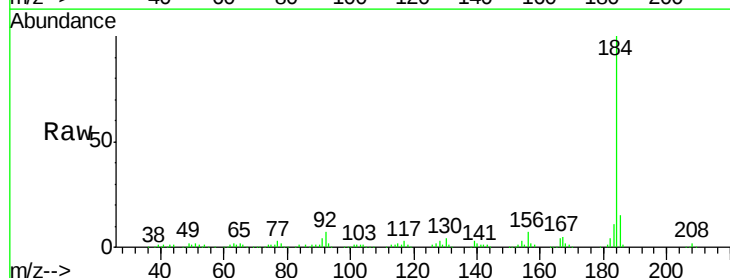
Tgt Ion:184 Resp: 230370

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

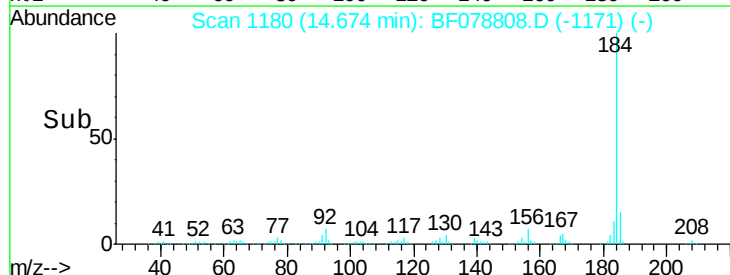
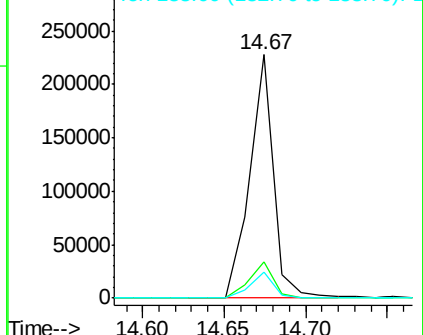
183 10.8 8.4 12.6

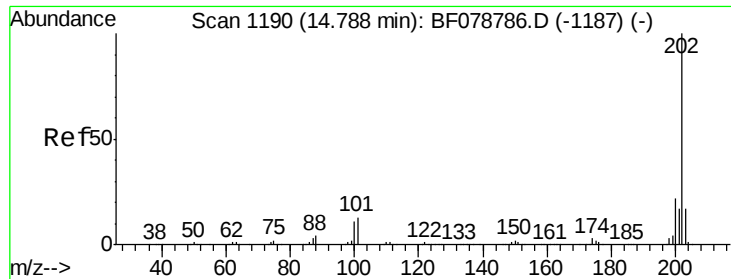


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

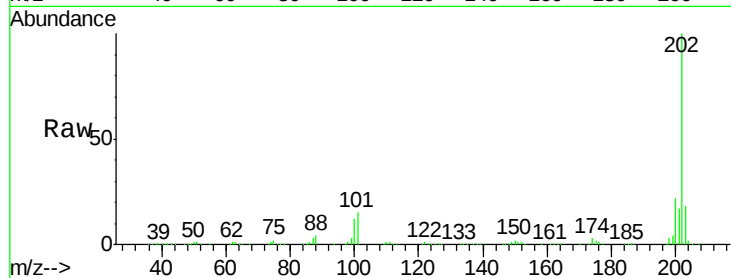




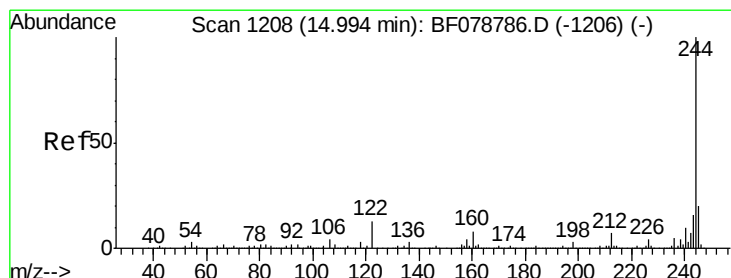
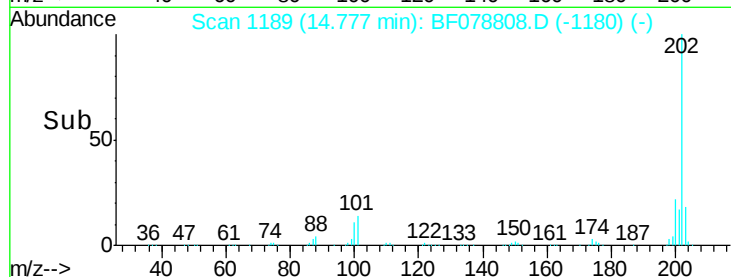
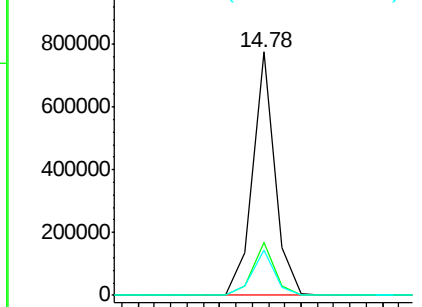
#77
Pvrene
Concen: 40.99 ng
RT: 14.78 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
PB83058BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.3	13.9	20.9

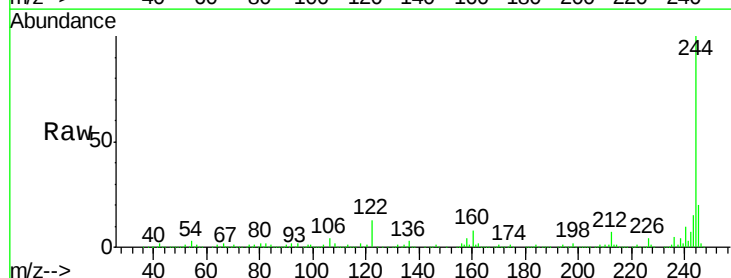


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

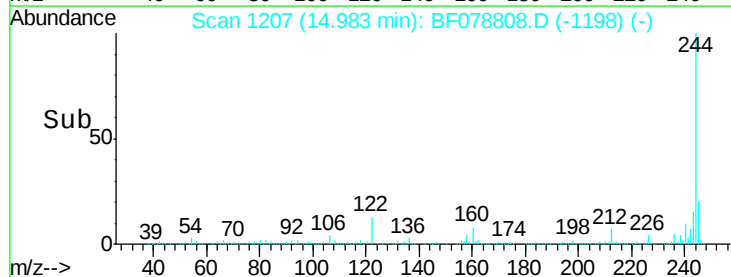
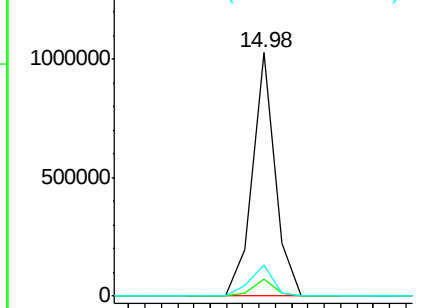


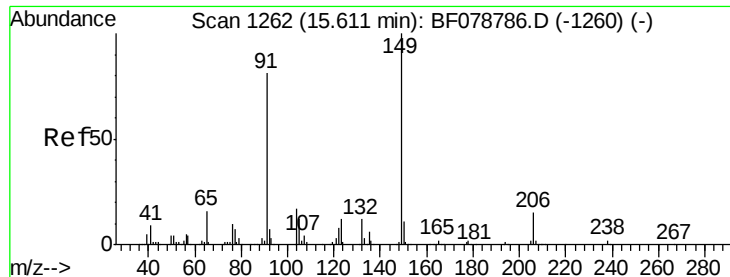
#78
Terphenyl-d14
Concen: 77.31 ng
RT: 14.98 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.9	10.3	15.5



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

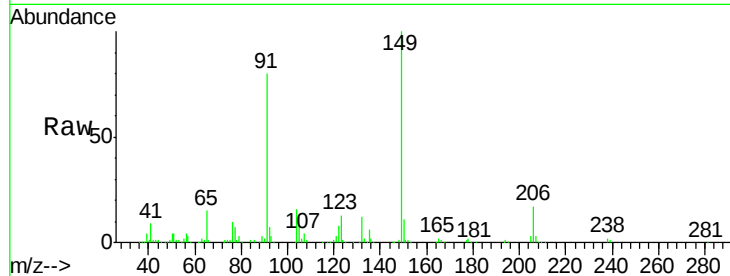




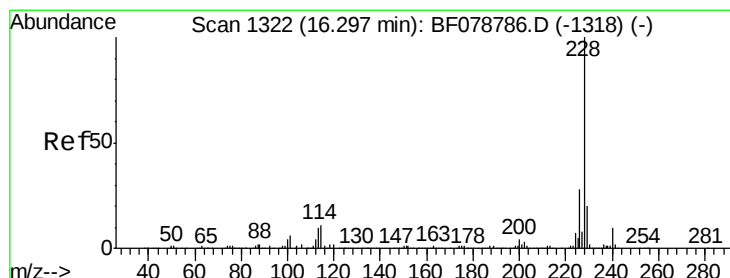
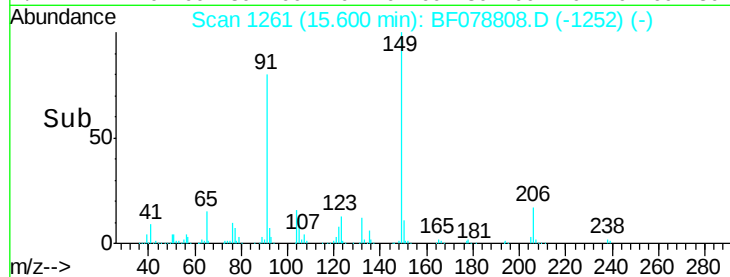
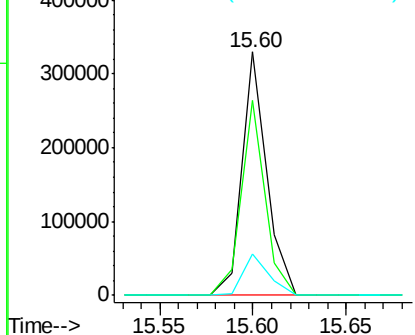
#79
Butylbenzylphthalate
Concen: 44.29 ng
RT: 15.60 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
PB83058BS

Tot Ion:149 Resp: 304184
Ion Ratio Lower Upper
149 100
91 80.0 64.6 97.0
206 16.8 12.2 18.4

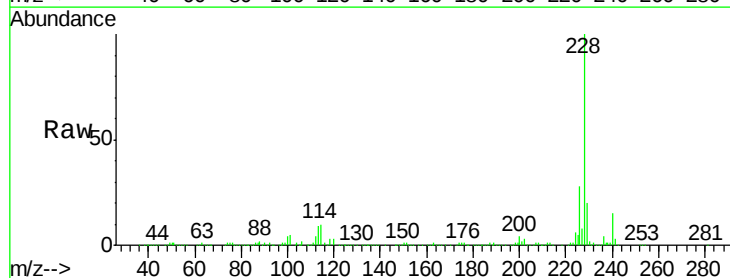


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

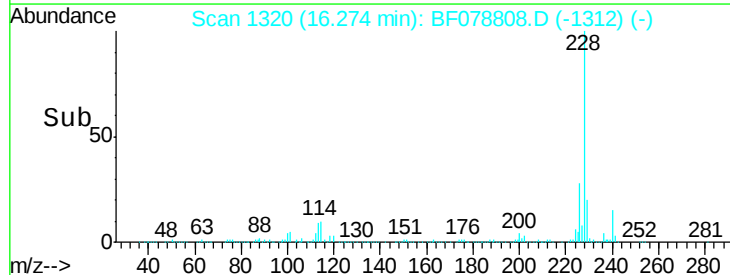
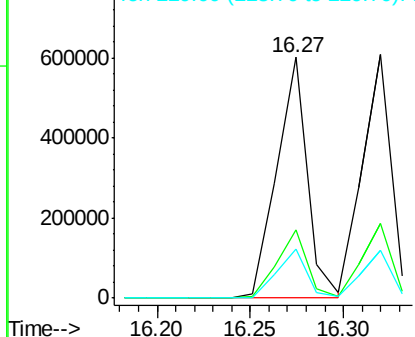


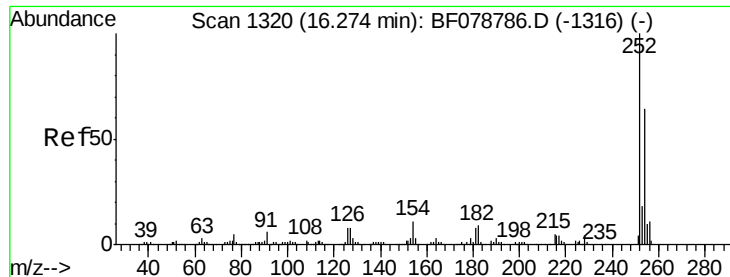
#80
Benzo(a)anthracene
Concen: 41.53 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Tgt Ion:228 Resp: 683005
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

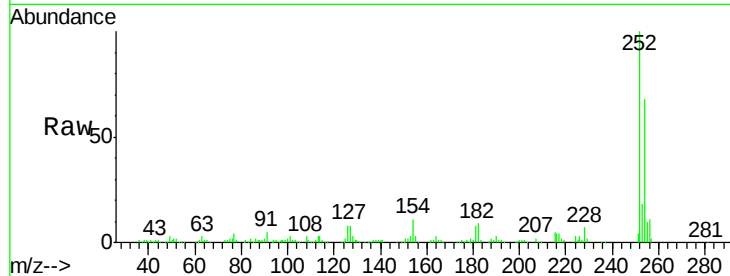




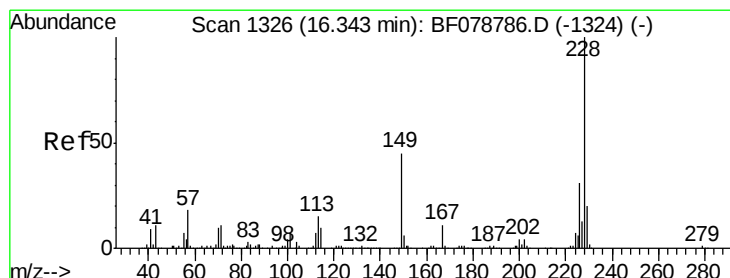
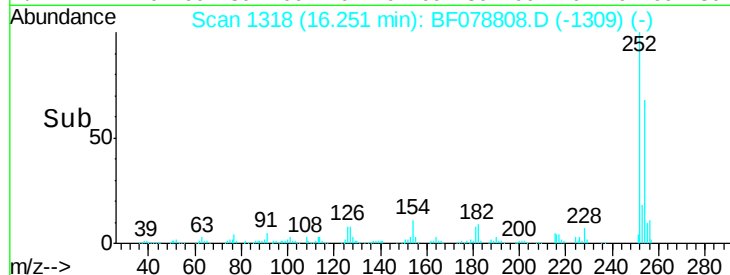
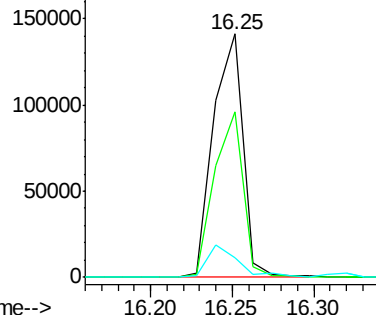
#81
 3,3'-Dichlorobenzidine
 Concen: 31.69 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

Tot Ion:252 Resp: 177414
 Ion Ratio Lower Upper
 252 100
 254 67.7 51.3 76.9
 126 8.1 6.6 10.0

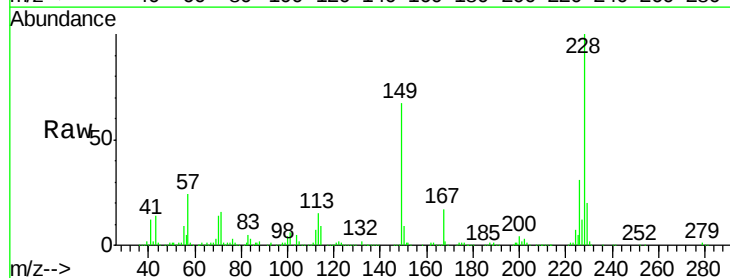


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

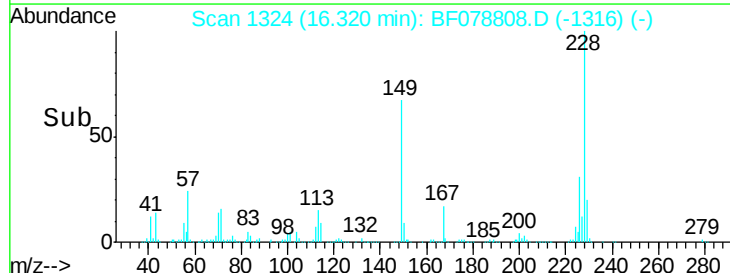
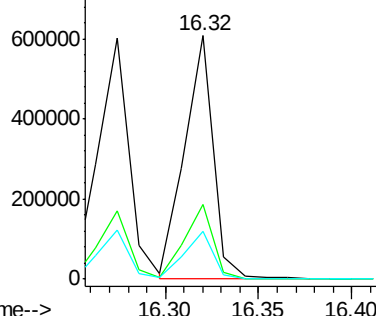


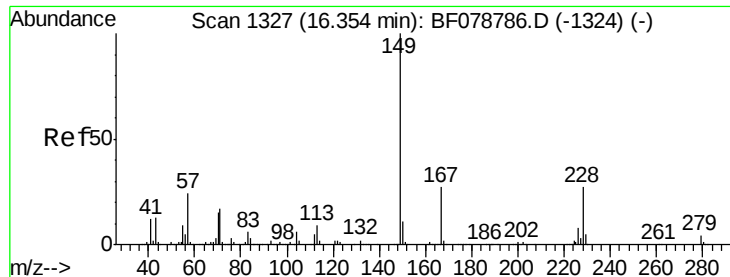
#82
 Chrysene
 Concen: 40.46 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion:228 Resp: 648643
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

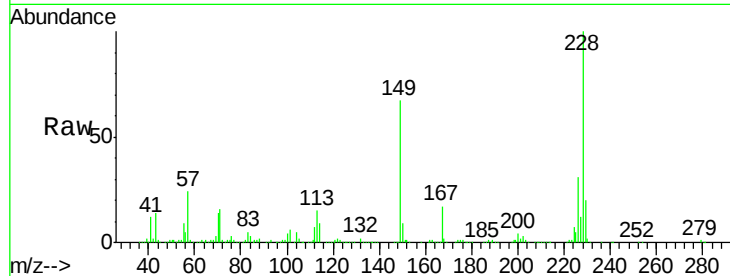




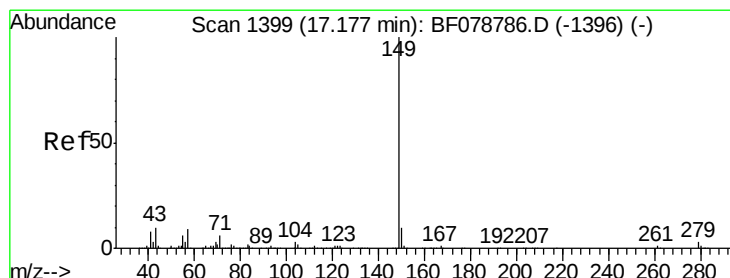
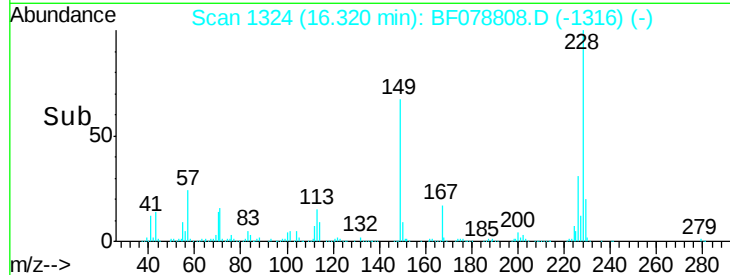
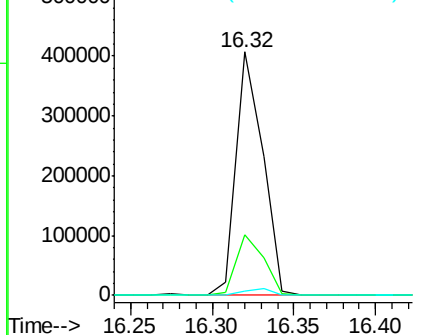
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.65 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

Tot Ion:149 Resp: 459247
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.8 32.8
 279 1.9 2.9 4.3#

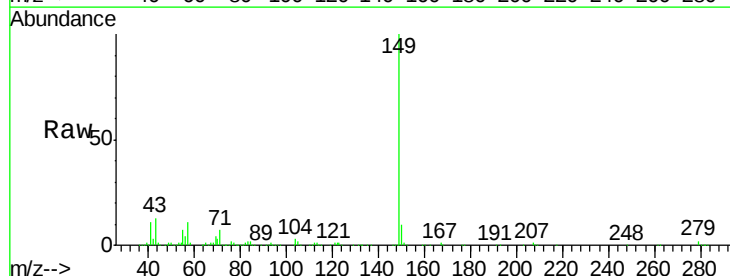


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

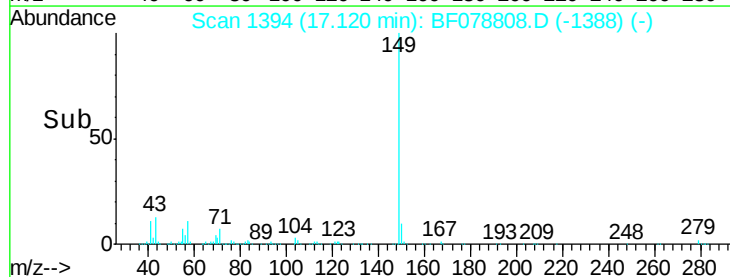
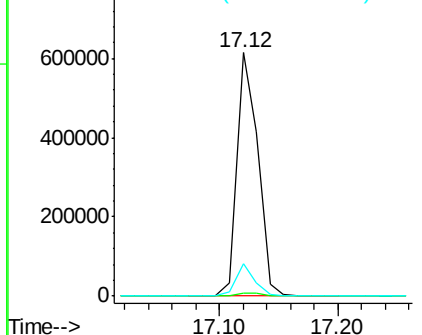


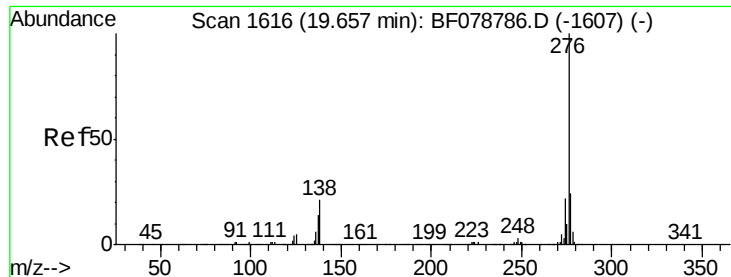
#84
 Di-n-octyl phthalate
 Concen: 43.05 ng
 RT: 17.12 min Scan# 1394
 Delta R.T. -0.03 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion:149 Resp: 755431
 Ion Ratio Lower Upper
 149 100
 167 1.4 0.0 0.0#
 43 11.7 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

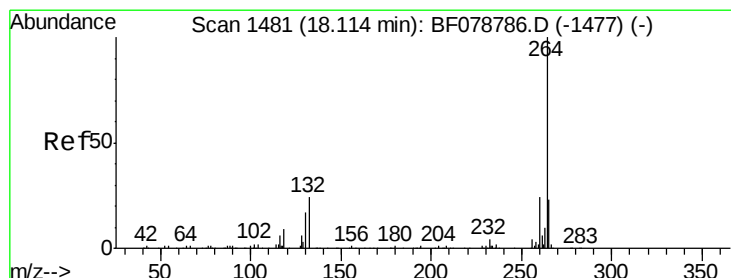
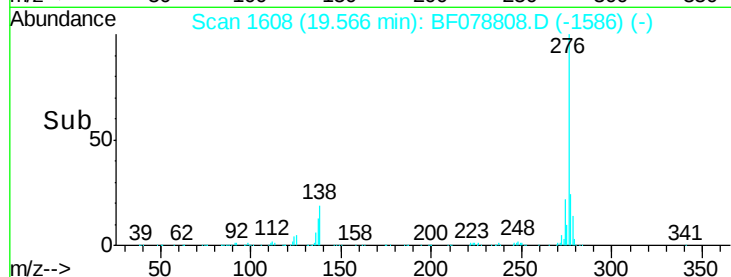
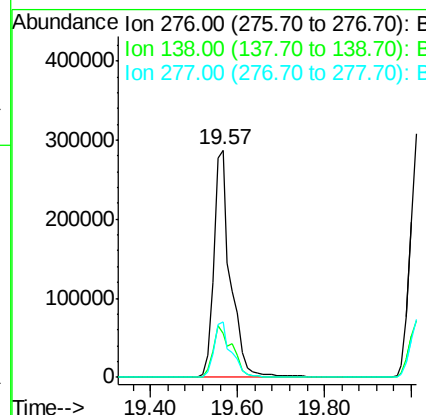
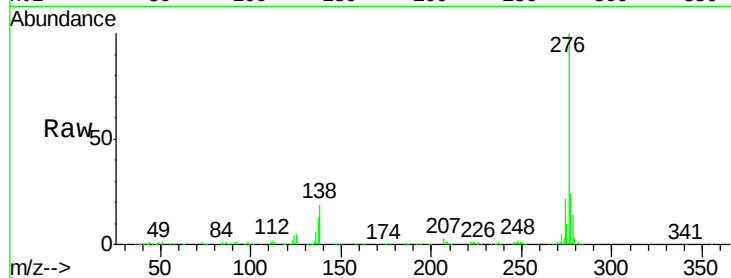




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.87 ng
 RT: 19.57 min Scan# 1608
 Delta R.T. -0.05 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

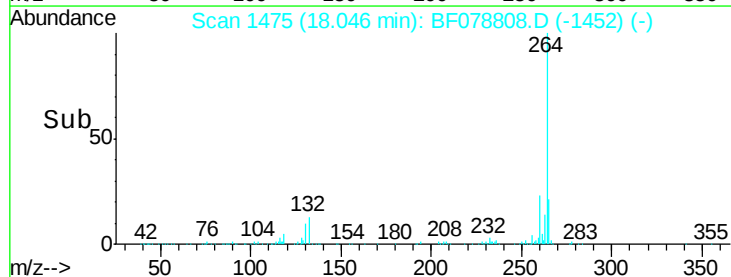
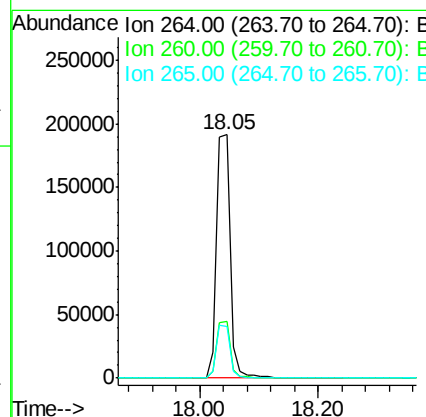
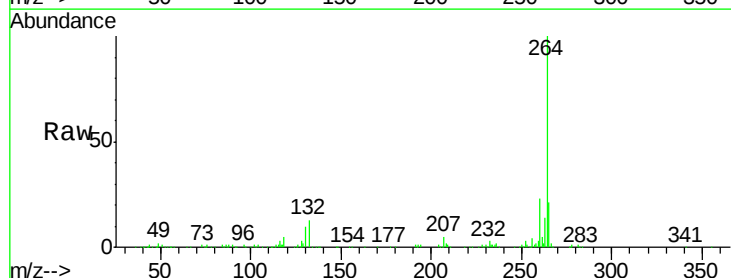
Instrument :
 BNA_F
 ClientSampleId :
 PB83058BS

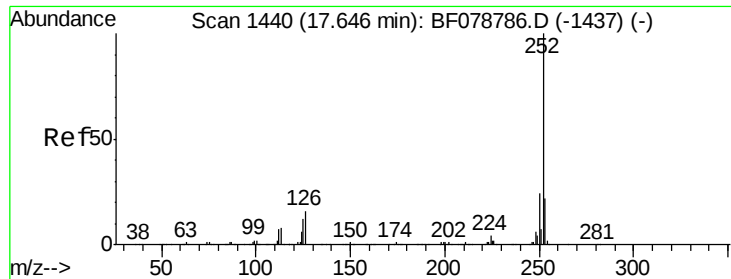
Tot Ion:276 Resp: 779761
 Ion Ratio Lower Upper
 276 100
 138 26.5 0.0 0.0#
 277 25.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.05 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BF078808.D
 Acq: 29 Apr 2015 12:46

Tgt Ion:264 Resp: 305066
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.1 18.3 27.5

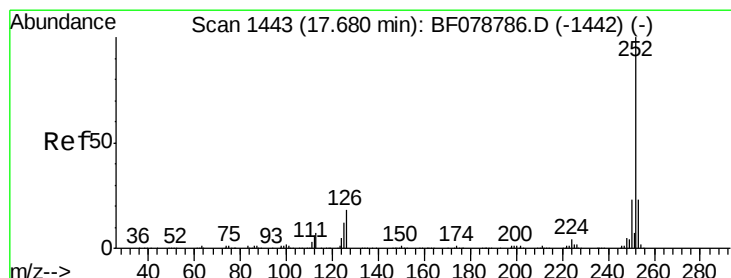
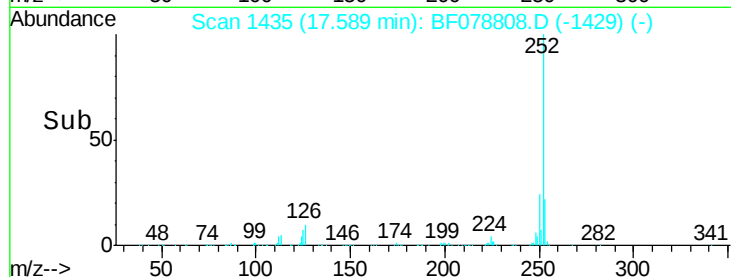
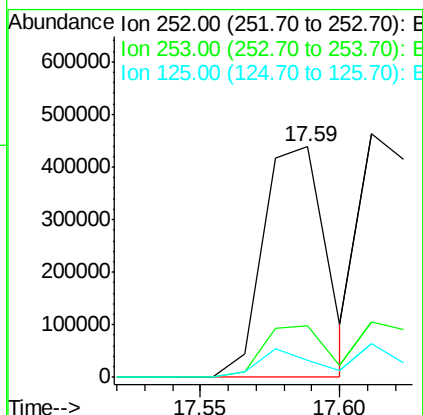
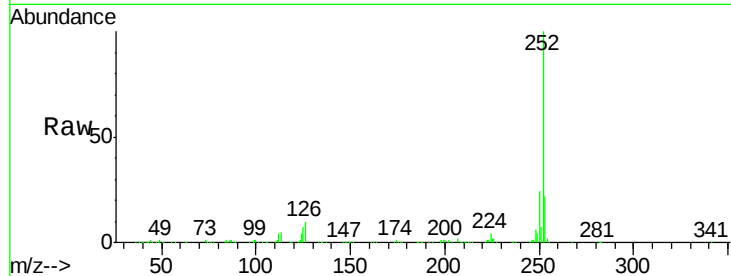




#87
Benzo(b)fluoranthene
Concen: 41.61 ng m
RT: 17.59 min Scan# 1435
Delta R.T. -0.03 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

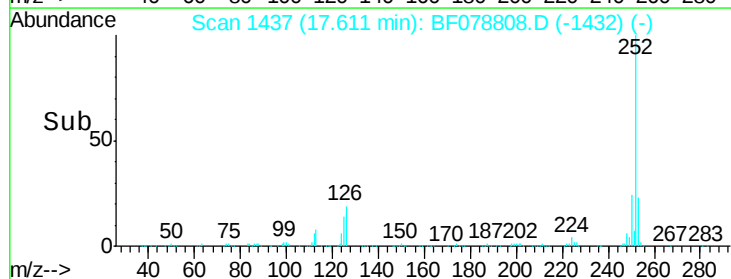
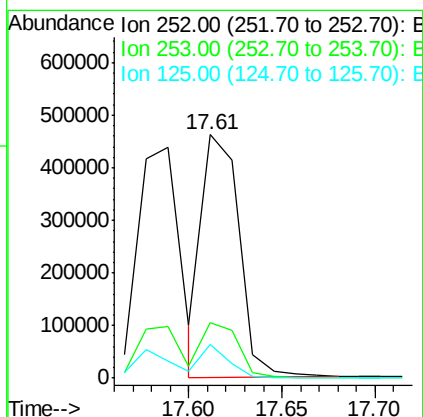
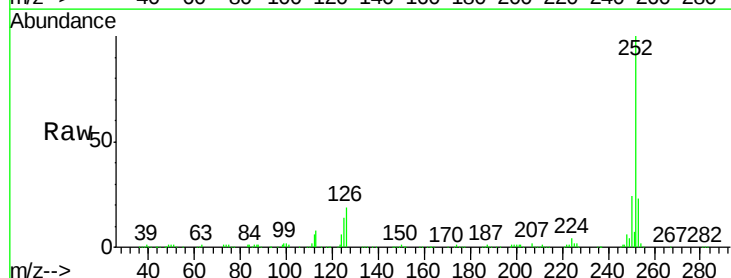
Instrument :
BNA_F
ClientSampleId :
PB83058BS

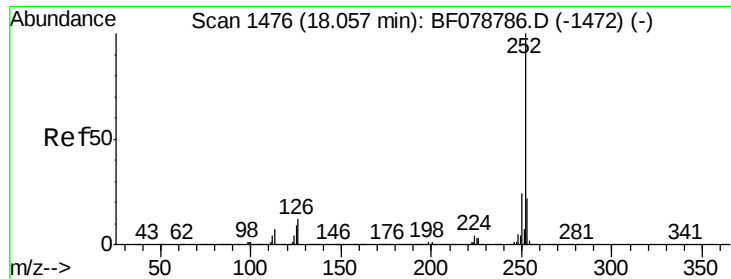
Tot Ion:252 Resp: 687157
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 7.4 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 39.97 ng
RT: 17.61 min Scan# 1437
Delta R.T. -0.05 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Tgt Ion:252 Resp: 639588
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 13.6 10.0 15.0

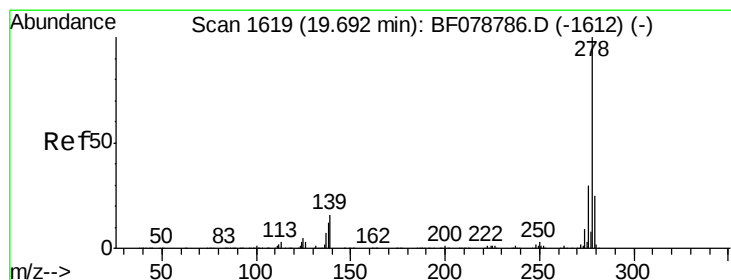
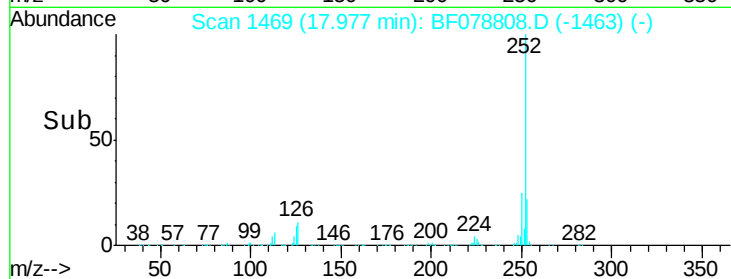
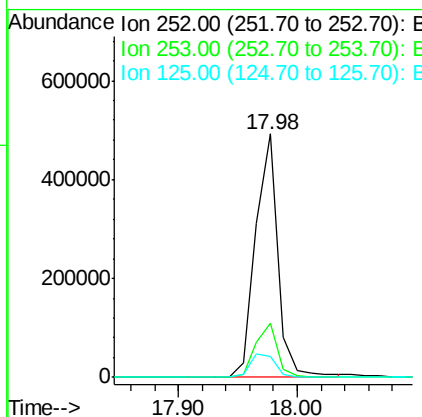
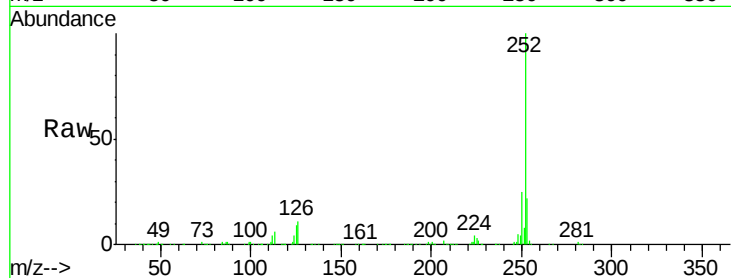




#89
Benzo(a)pyrene
Concen: 43.95 ng
RT: 17.98 min Scan# 1469
Delta R.T. -0.03 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

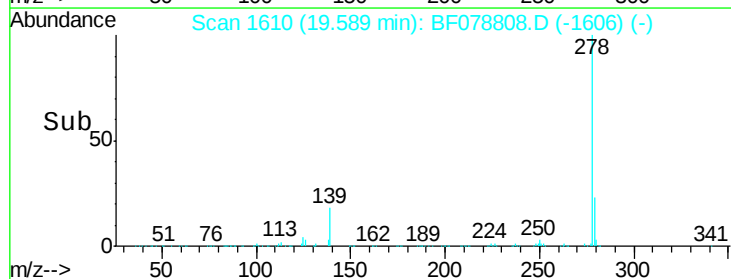
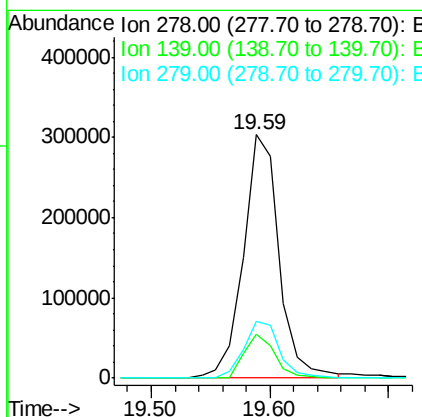
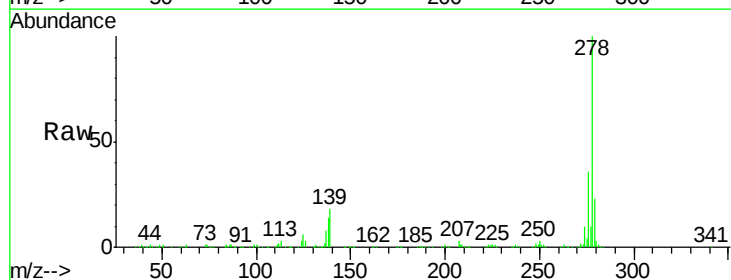
Instrument :
BNA_F
ClientSampleId :
PB83058BS

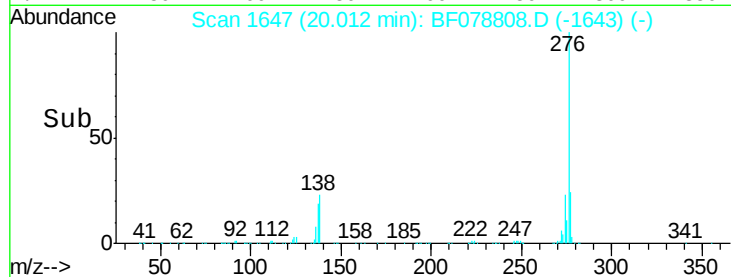
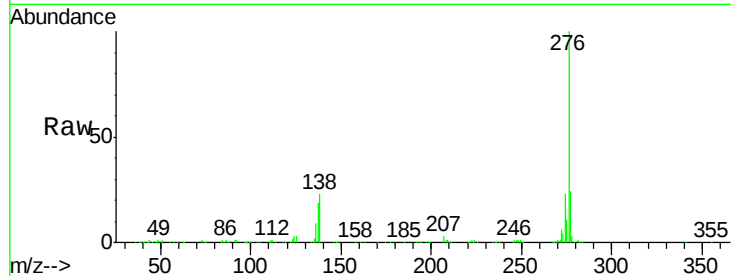
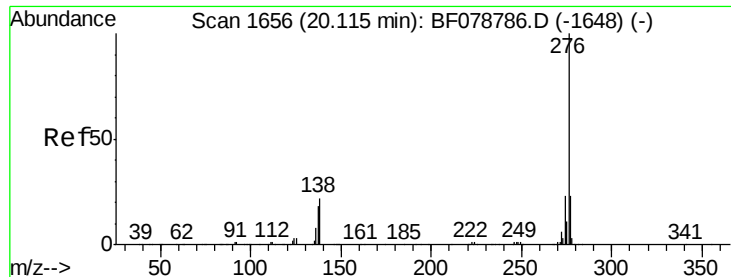
Tot Ion:252 Resp: 649379
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 8.8 7.0 10.6



#90
Dibenzo(a,h)anthracene
Concen: 41.21 ng
RT: 19.59 min Scan# 1610
Delta R.T. -0.06 min
Lab File: BF078808.D
Acq: 29 Apr 2015 12:46

Tgt Ion:278 Resp: 630680
Ion Ratio Lower Upper
278 100
139 18.1 12.8 19.2
279 23.3 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 41.71 ng

RT: 20.01 min Scan# 1647

Delta R.T. -0.06 min

Lab File: BF078808.D

Acq: 29 Apr 2015 12:46

Instrument :

BNA_F

ClientSampleId :

PB83058BS

Tot Ion:276 Resp: 640675

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 23.1 17.4 26.0

