

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078310.D
 Acq On : 7 Apr 2015 20:59
 Operator : TP/IZ
 Sample : G1783-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Quant Time: Apr 08 02:03:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	33231	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	135564	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	67296	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	128234	20.00	ng	0.00
75) Chrysene-d12	15.77	240	137664	20.00	ng	-0.01
86) Perylene-d12	17.53	264	131654	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	242636	120.39	ng	0.00
7) Phenol-d6	6.53	99	326791	129.38	ng	0.00
23) Nitrobenzene-d5	7.63	82	184033	82.28	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	85815	153.76	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	401738	85.33	ng	0.00
78) Terphenyl-d14	14.49	244	474579	77.90	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.76	88	23956	26.29	ng	94
3) Pyridine	2.37	79	65748	27.54	ng	98
4) n-Nitrosodimethylamine	2.30	42	33015m	35.93	ng	
6) Aniline	6.52	93	112131	31.30	ng	94
8) 2-Chlorophenol	6.67	128	96180	40.36	ng	93
9) Benzaldehyde	6.37	77	39937	23.86	ng	98
10) Phenol	6.54	94	129872	42.91	ng	93
11) bis(2-Chloroethyl)ether	6.64	93	89377	41.07	ng	96
12) 1,3-Dichlorobenzene	6.85	146	95929	36.64	ng	# 93
13) 1,4-Dichlorobenzene	6.96	146	98101	37.23	ng	95
14) 1,2-Dichlorobenzene	7.14	146	91671	37.10	ng	# 93
15) Benzyl Alcohol	7.13	79	77114	43.44	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.31	45	119462	41.15	ng	96
17) 2-Methylphenol	7.29	107	74242	40.12	ng	94
18) Hexachloroethane	7.55	117	34924	39.30	ng	# 84
19) n-Nitroso-di-n-propylamine	7.46	70	66507	39.91	ng	# 83
20) 3+4-Methylphenols	7.49	107	105575	42.77	ng	93
22) Acetophenone	7.45	105	134929	42.72	ng	# 91
24) Nitrobenzene	7.65	77	96733	41.37	ng	# 84
25) Isophorone	7.96	82	179252	42.23	ng	99
26) 2-Nitrophenol	8.05	139	47781	42.88	ng	96
27) 2,4-Dimethylphenol	8.13	122	88615	42.77	ng	97
28) bis(2-Chloroethoxy)methane	8.25	93	117503	43.17	ng	99
29) 2,4-Dichlorophenol	8.36	162	81676	43.33	ng	98
30) 1,2,4-Trichlorobenzene	8.44	180	83871	38.81	ng	97
31) Naphthalene	8.53	128	281795	39.94	ng	99
32) Benzoic acid	8.27	122	57581	57.76	ng	99
33) 4-Chloroaniline	8.62	127	107432	36.69	ng	98
34) Hexachlorobutadiene	8.69	225	47184	39.76	ng	98
35) Caprolactam	9.05	113	25524	45.37	ng	97
36) 4-Chloro-3-methylphenol	9.25	107	84191	44.27	ng	# 78
37) 2-Methylnaphthalene	9.39	142	194685	40.64	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	83157	39.88	ng	97
40) Hexachlorocyclopentadiene	9.58	237	78741	87.06	ng	98

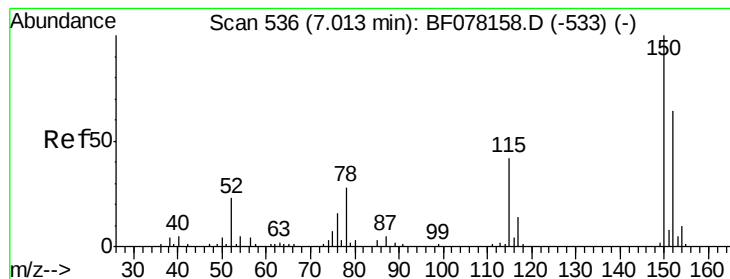
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078310.D
 Acq On : 7 Apr 2015 20:59
 Operator : TP/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	61442	46.72	nq	99
43) 2,4,5-Trichlorophenol	9.80	196	63571	46.27	nq	96
45) 1,1'-Biphenyl	9.97	154	231290	42.02	nq	97
46) 2-Chloronaphthalene	10.00	162	184690	42.64	nq	95
47) 2-Nitroaniline	10.13	65	53081	49.54	nq	86
48) Acenaphthylene	10.50	152	296886	42.45	nq	99
49) Dimethylphthalate	10.37	163	243673	48.20	nq	99
50) 2,6-Dinitrotoluene	10.44	165	45012	43.27	nq	# 48
51) Acenaphthene	10.72	154	173358	44.03	nq	100
52) 3-Nitroaniline	10.65	138	51015	43.13	nq	92
53) 2,4-Dinitrophenol	10.78	184	38845	90.30	nq	# 83
54) Dibenzofuran	10.93	168	264091	43.91	nq	94
55) 4-Nitrophenol	10.89	139	78825	90.15	nq	84
56) 2,4-Dinitrotoluene	10.93	165	62019	46.04	nq	# 53
57) Fluorene	11.35	166	216033	44.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.09	232	50414	49.50	nq	# 100
59) Diethylphthalate	11.25	149	217685	44.65	nq	99
60) 4-Chlorophenyl-phenylether	11.37	204	99925	44.56	nq	# 90
61) 4-Nitroaniline	11.40	138	47339	39.59	nq	88
62) Azobenzene	11.56	77	248422	55.84	nq	89
64) 4,6-Dinitro-2-methylphenol	11.44	198	28055	44.77	nq	# 67
65) n-Nitrosodiphenylamine	11.52	169	185798	41.89	nq	98
66) 4-Bromophenyl-phenylether	11.96	248	59148	43.55	nq	92
67) Hexachlorobenzene	12.02	284	65082	43.73	nq	98
68) Atrazine	12.20	200	62122	48.35	nq	98
69) Pentachlorophenol	12.28	266	65479	97.36	nq	98
70) Phenanthrene	12.53	178	321426	43.33	nq	99
71) Anthracene	12.59	178	315172	43.12	nq	99
72) Carbazole	12.81	167	300714	43.90	nq	99
73) Di-n-butylphthalate	13.28	149	366594	47.24	nq	99
74) Fluoranthene	14.00	202	354051	45.26	nq	94
76) Benzidine	14.19	184	143447	27.06	nq	98
77) Pyrene	14.27	202	362751	41.98	nq	98
79) Butylbenzylphthalate	15.12	149	161943	49.17	nq	94
80) Benzo(a)anthracene	15.76	228	339691	41.47	nq	99
81) 3,3'-Dichlorobenzidine	15.75	252	115947	42.27	nq	# 95
82) Chrysene	15.80	228	326934	42.48	nq	99
83) Bis(2-ethylhexyl)phthalate	15.85	149	248834	48.17	nq	# 97
84) Di-n-octyl phthalate	16.65	149	425498	50.16	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.82	276	376292	43.09	nq	# 86
87) Benzo(b)fluoranthene	17.07	252	371126	45.61	nq	# 97
88) Benzo(k)fluoranthene	17.11	252	282408m	39.06	nq	
89) Benzo(a)pyrene	17.46	252	318419	44.84	nq	# 97
90) Dibenzo(a,h)anthracene	18.84	278	298732	42.02	nq	# 94
91) Benzo(g,h,i)perylene	19.19	276	303645	42.60	nq	98

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

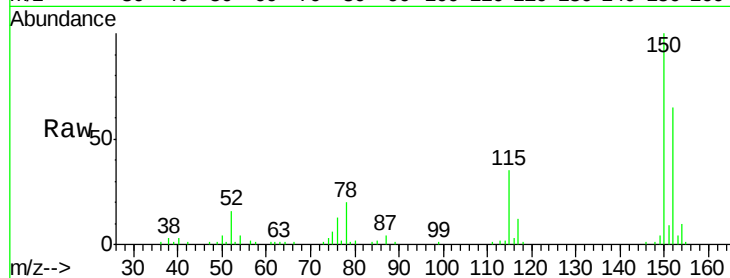


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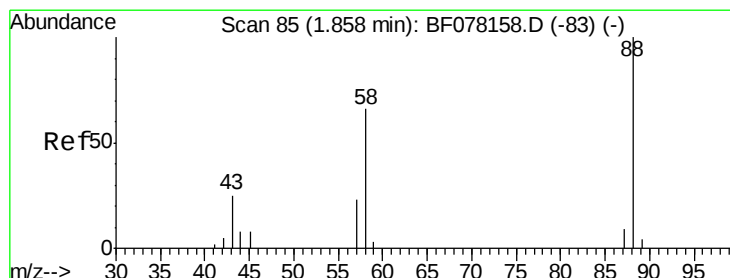
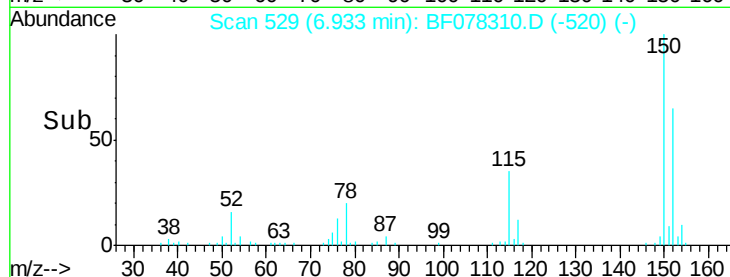
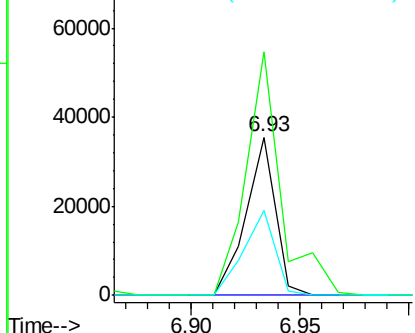
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tot Ion:152 Resp: 33231
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 54.2 52.7 79.1



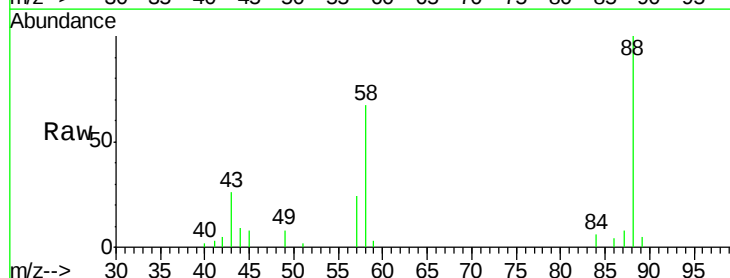
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



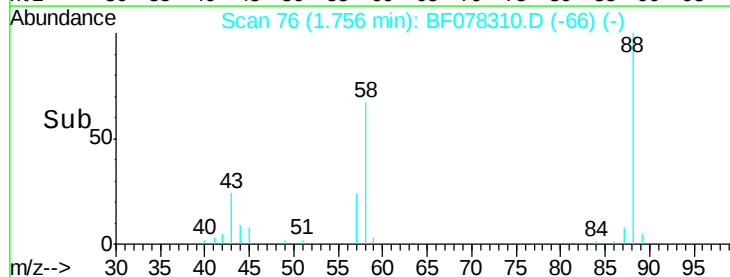
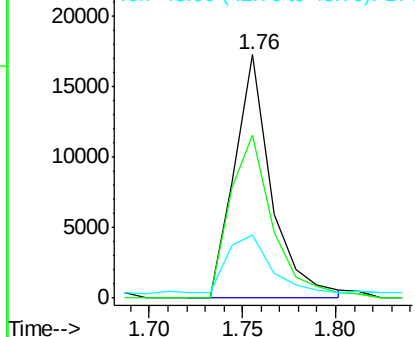
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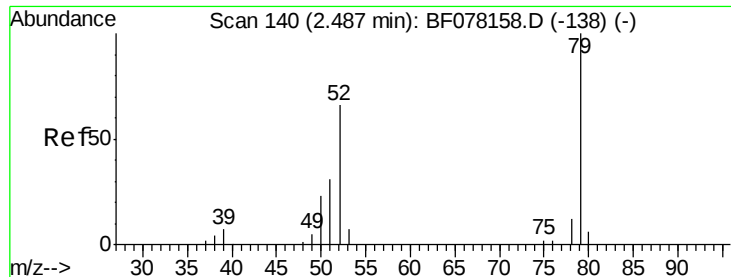
1,4-Dioxane
Concen: 26.29 ng
RT: 1.76 min Scan# 76
Delta R.T. 0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion: 88 Resp: 23956
Ion Ratio Lower Upper
88 100
58 76.8 56.9 85.3
43 29.0 21.4 32.2



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: 27.54 ng

RT: 2.37 min Scan# 130

Delta R.T. 0.02 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

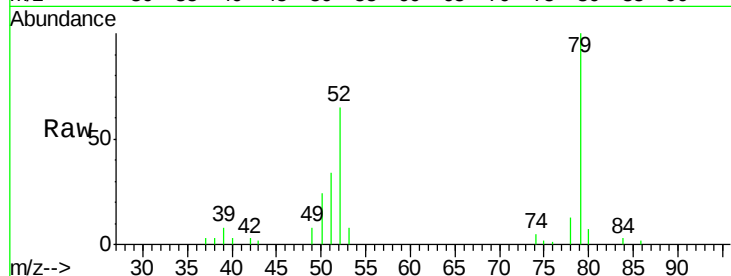
Tot Ion: 79 Resp: 65748

Ion Ratio Lower Upper

79 100

52 64.9 52.4 78.6

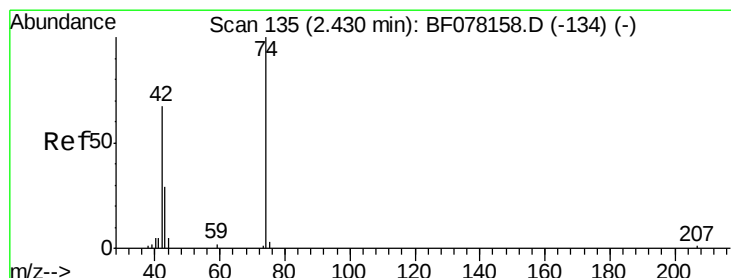
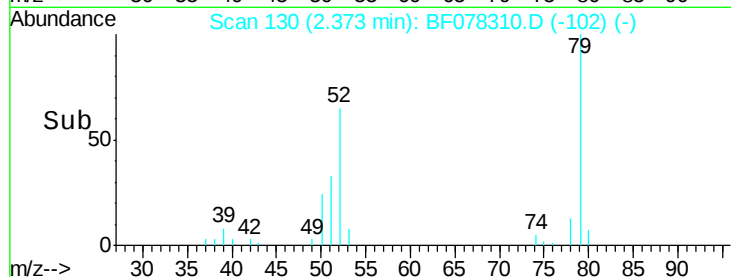
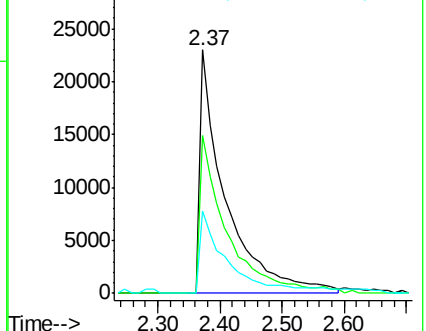
51 34.1 24.9 37.3



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: 35.93 ng m

RT: 2.30 min Scan# 124

Delta R.T. 0.01 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

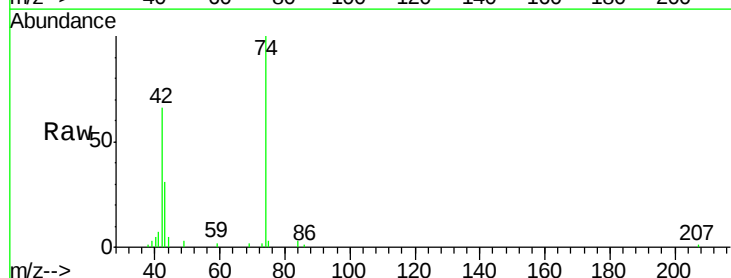
Tgt Ion: 42 Resp: 33015

Ion Ratio Lower Upper

42 100

74 151.4 118.7 178.1

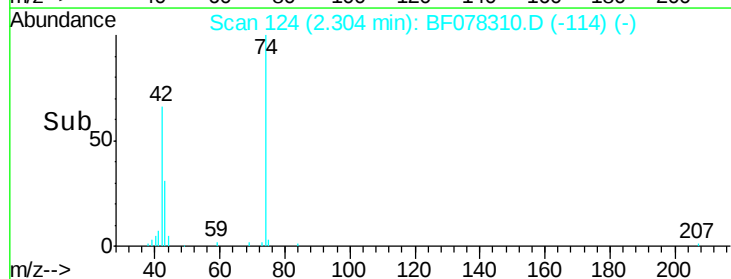
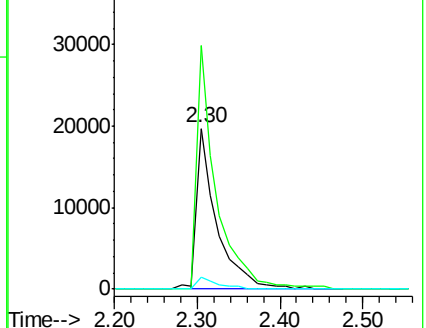
44 7.8 5.9 8.9

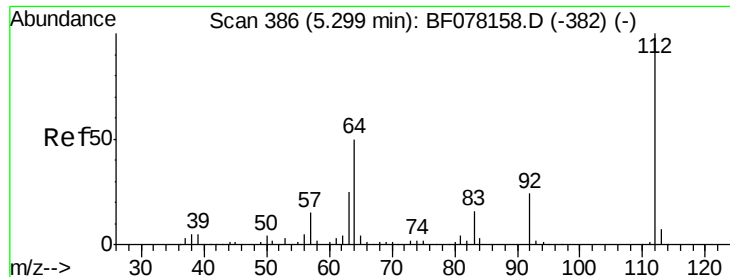


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 120.39 ng

RT: 5.20 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

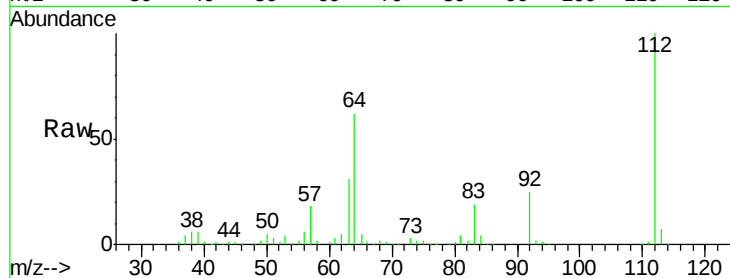
Tot Ion:112 Resp: 242636

Ion Ratio Lower Upper

112 100

64 61.6 39.9 59.9#

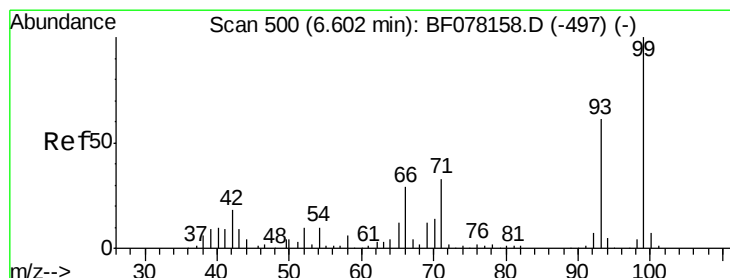
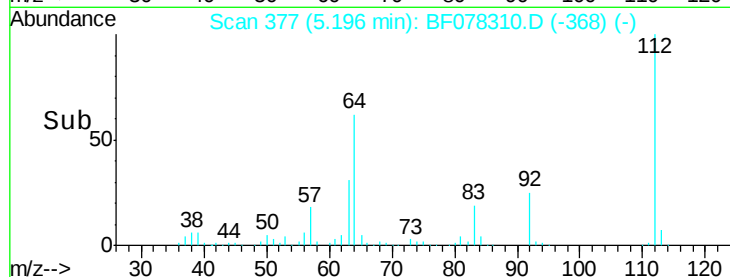
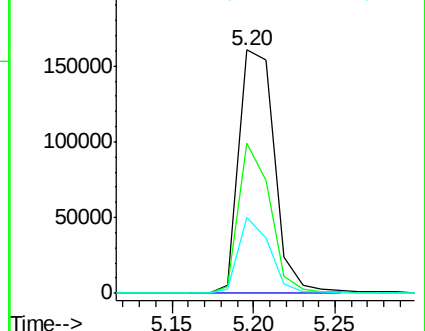
63 31.3 20.2 30.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.30 ng

RT: 6.52 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

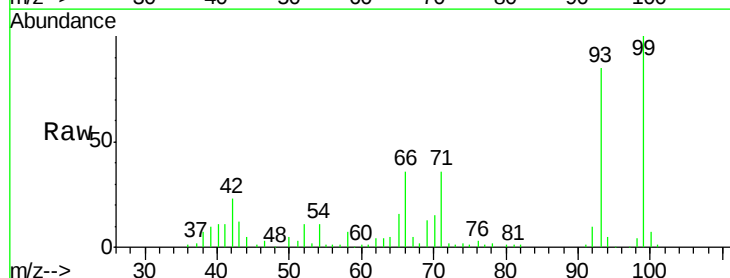
Tgt Ion: 93 Resp: 112131

Ion Ratio Lower Upper

93 100

66 42.4 38.0 57.0

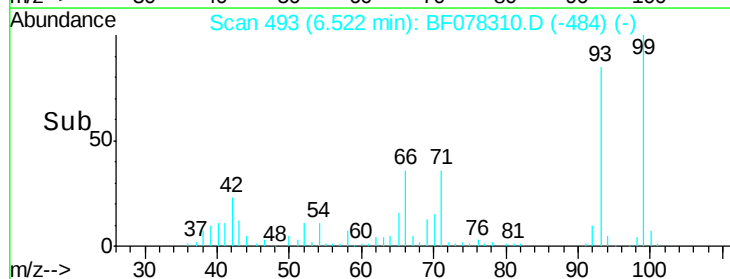
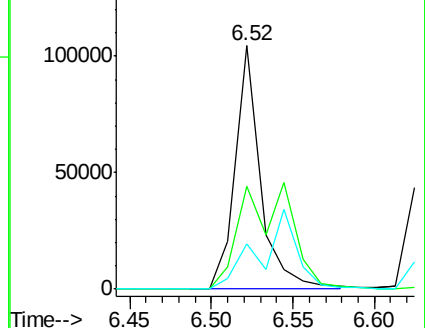
65 18.8 16.3 24.5

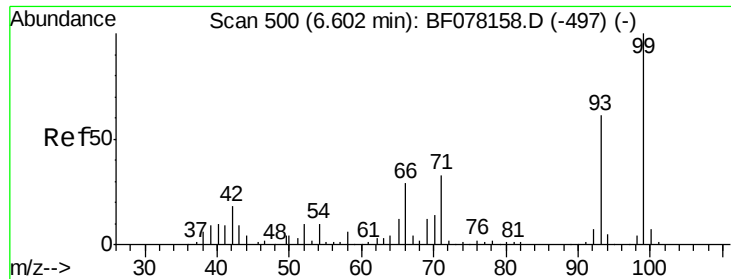


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.38 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

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ClientSampleId :

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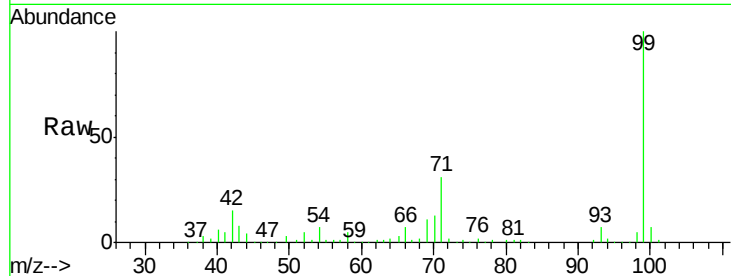
Tot Ion: 99 Resp: 326791

Ion Ratio Lower Upper

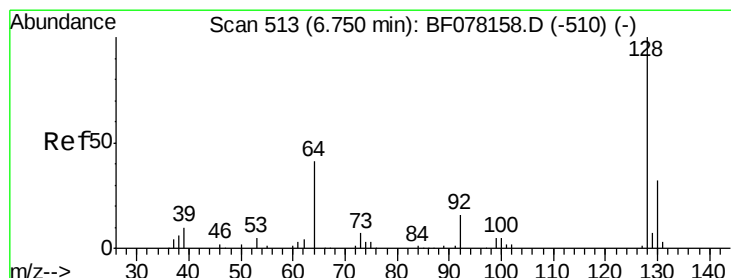
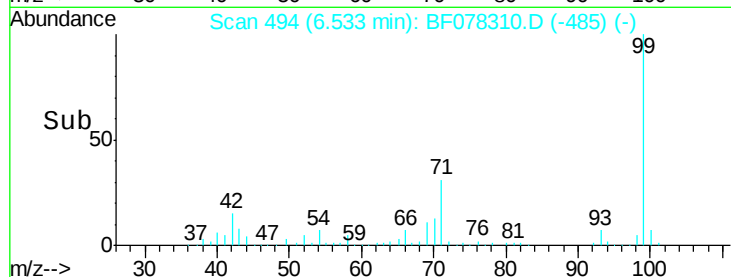
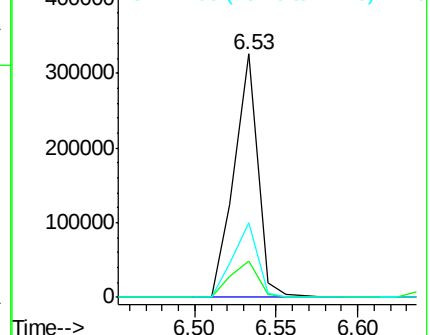
99 100

42 15.0 14.8 22.2

71 30.6 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.36 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

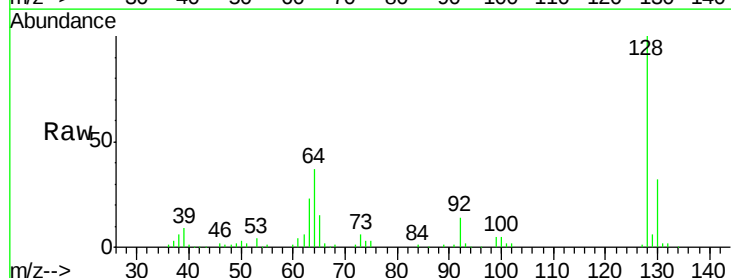
Tgt Ion: 128 Resp: 96180

Ion Ratio Lower Upper

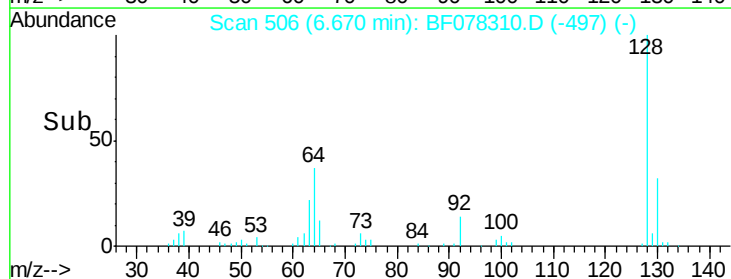
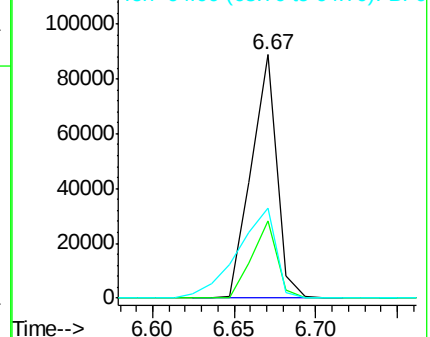
128 100

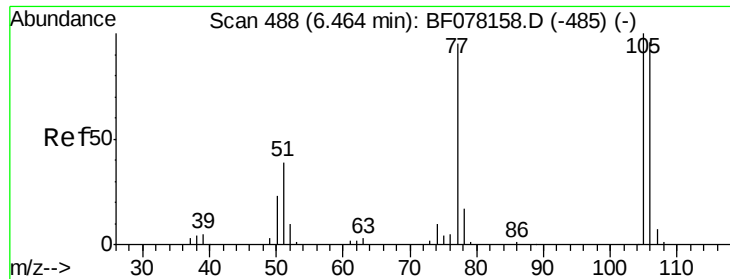
130 31.7 12.3 52.3

64 36.7 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.86 ng

RT: 6.37 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

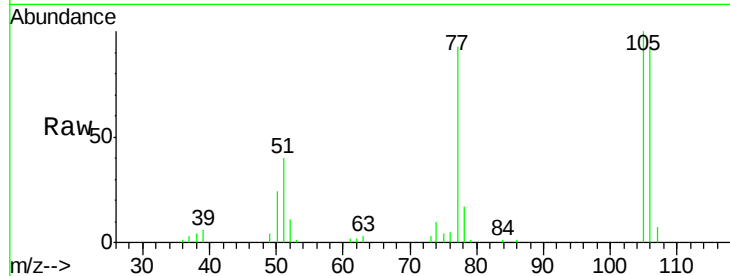
Tot Ion: 77 Resp: 39937

Ion Ratio Lower Upper

77 100

105 107.1 85.4 125.4

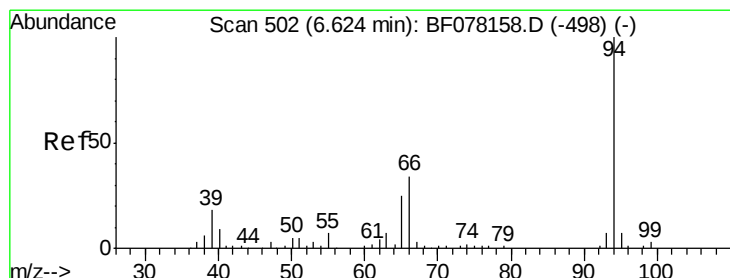
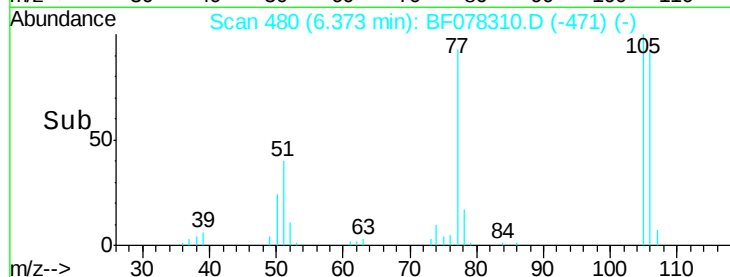
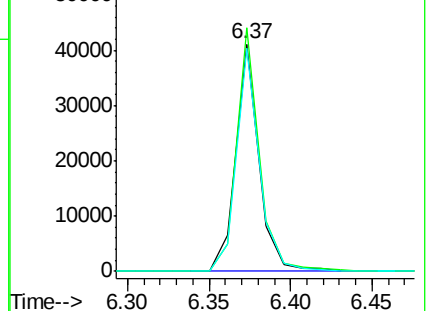
106 98.3 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.91 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

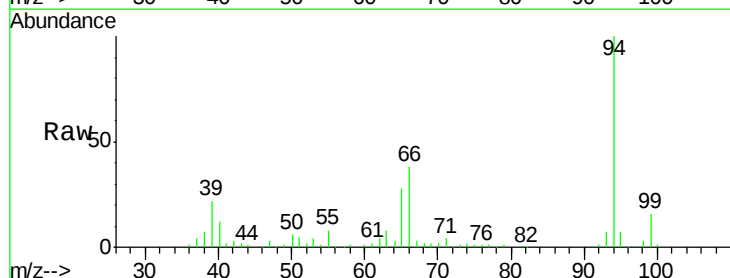
Tgt Ion: 94 Resp: 129872

Ion Ratio Lower Upper

94 100

65 28.0 4.9 44.9

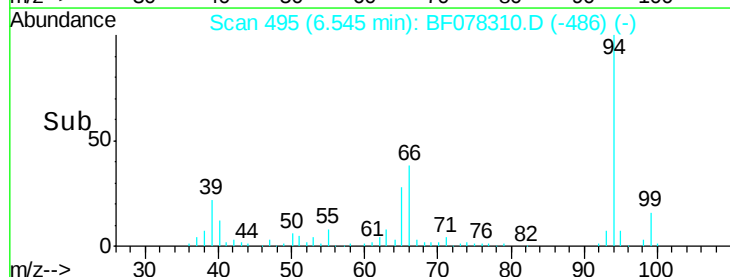
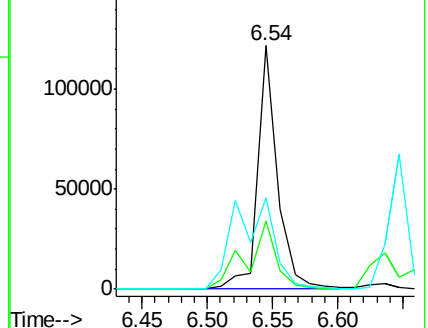
66 37.6 13.8 53.8

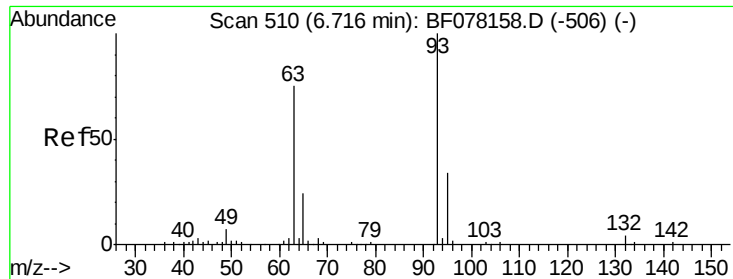


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.07 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

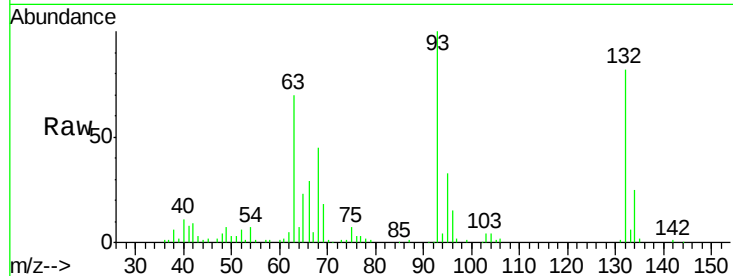
Tot Ion: 93 Resp: 89377

Ion Ratio Lower Upper

93 100

63 70.4 54.6 94.6

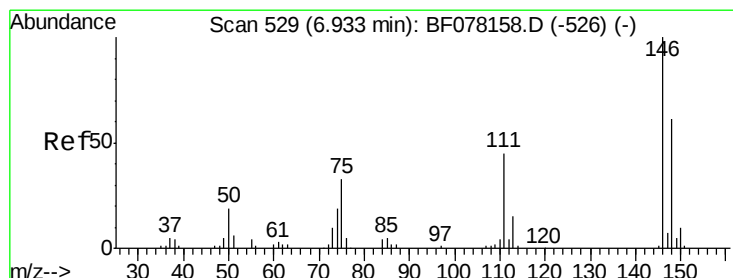
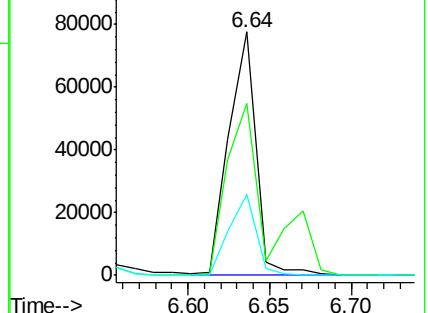
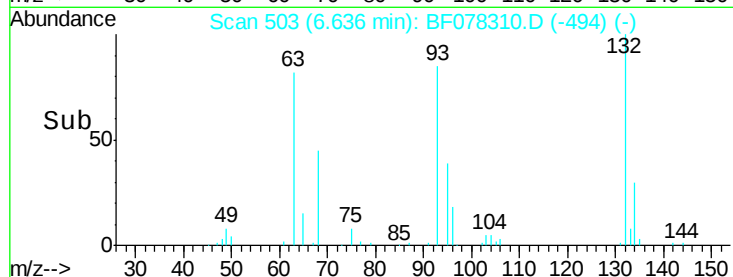
95 33.2 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.64 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

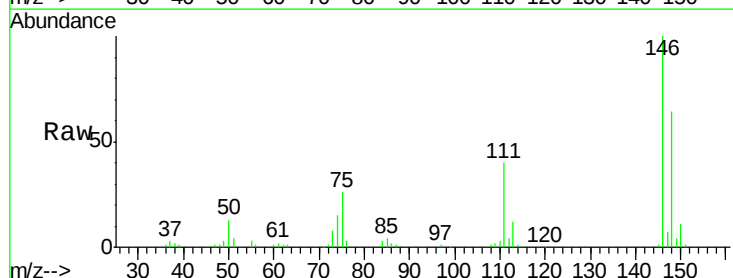
Tgt Ion: 146 Resp: 95929

Ion Ratio Lower Upper

146 100

148 64.4 49.1 73.7

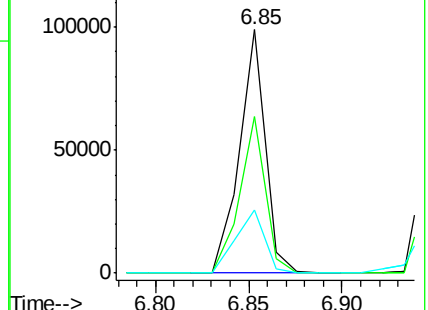
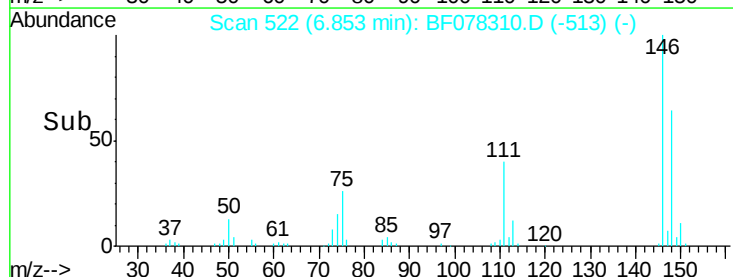
75 25.7 26.6 40.0#

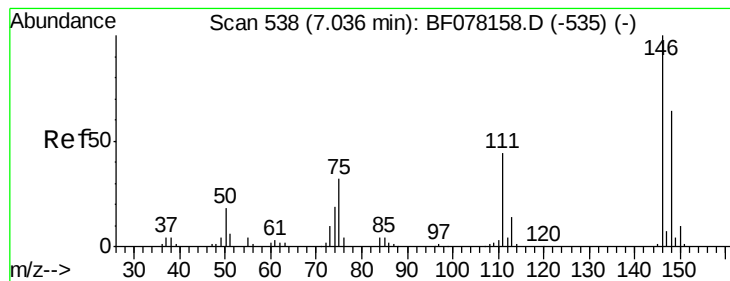


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.23 ng

RT: 6.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

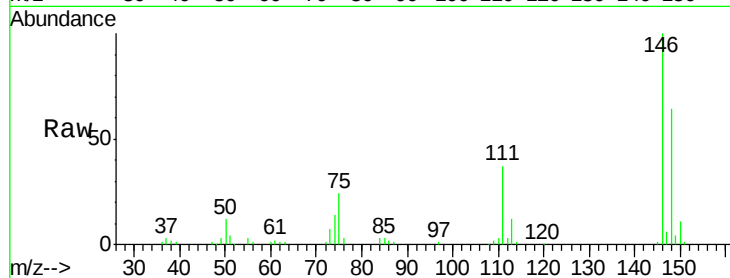
Tot Ion:146 Resp: 98101

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

111 36.9 35.0 52.4



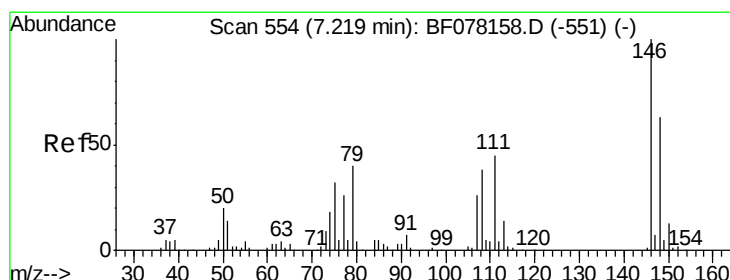
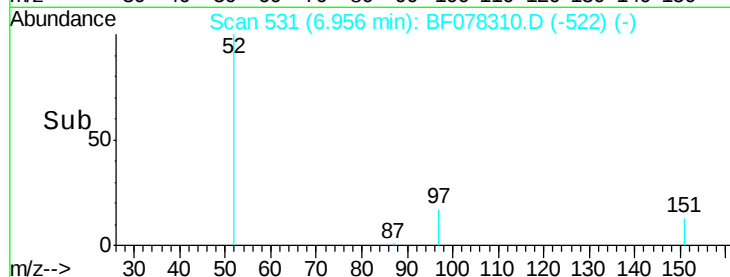
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.96

Time-->



#14

1,2-Dichlorobenzene

Concen: 37.10 ng

RT: 7.14 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

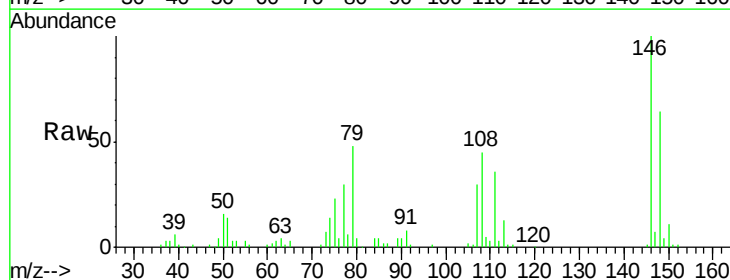
Tgt Ion:146 Resp: 91671

Ion Ratio Lower Upper

146 100

148 64.1 50.2 75.4

111 36.0 36.1 54.1#



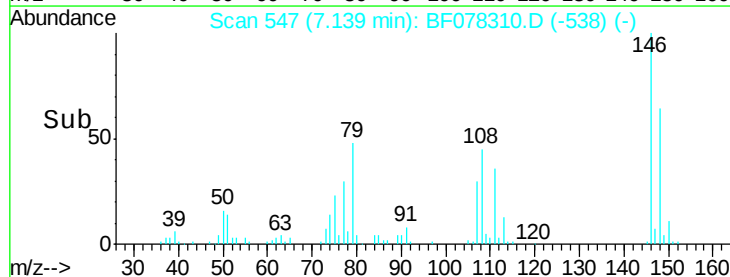
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

7.14

Time-->





#15

Benzyl Alcohol

Concen: 43.44 ng

RT: 7.13 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

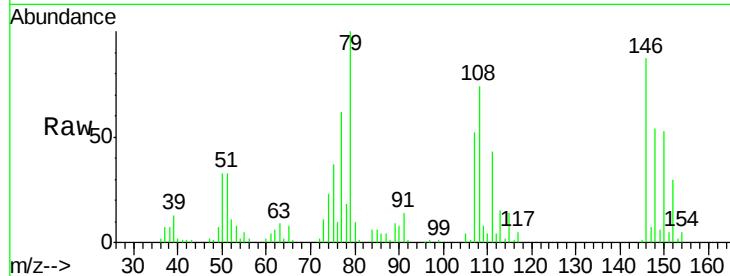
Tot Ion: 79 Resp: 77114

Ion Ratio Lower Upper

79 100

108 74.1 57.6 86.4

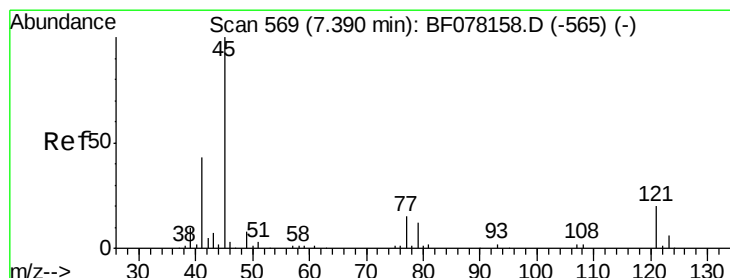
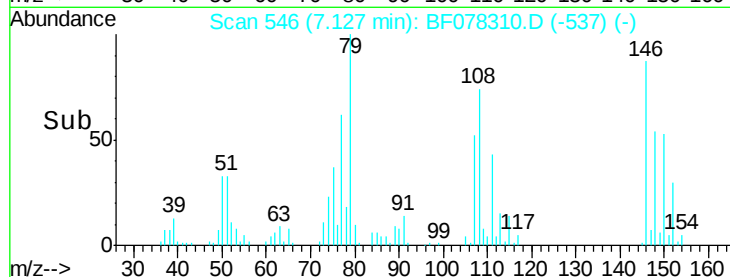
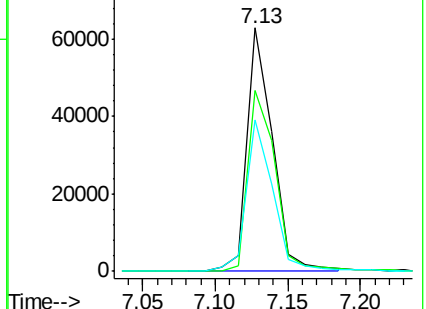
77 62.0 53.5 80.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.15 ng

RT: 7.31 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

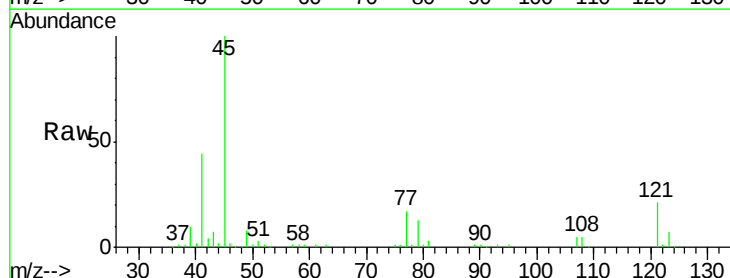
Tgt Ion: 45 Resp: 119462

Ion Ratio Lower Upper

45 100

77 16.6 0.0 34.5

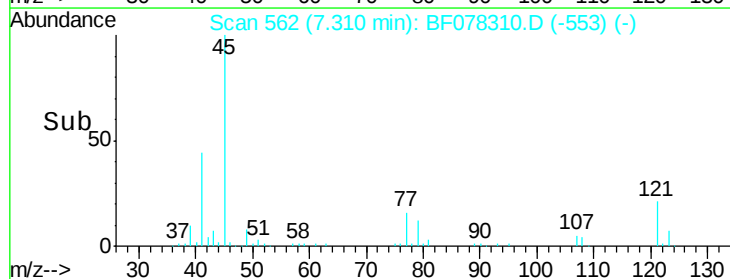
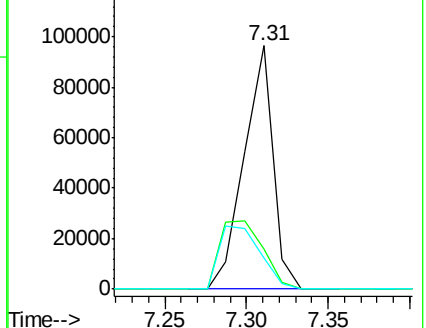
79 12.8 0.0 31.9

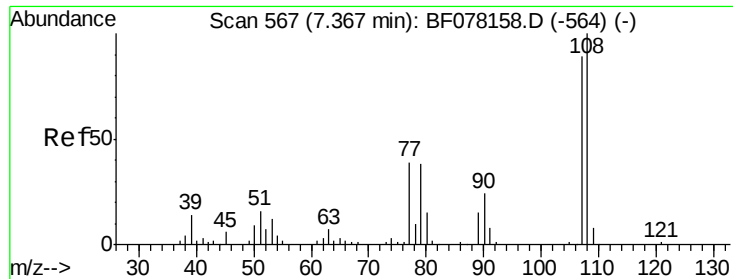


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.12 ng

RT: 7.29 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

Tot Ion:107 Resp: 74242

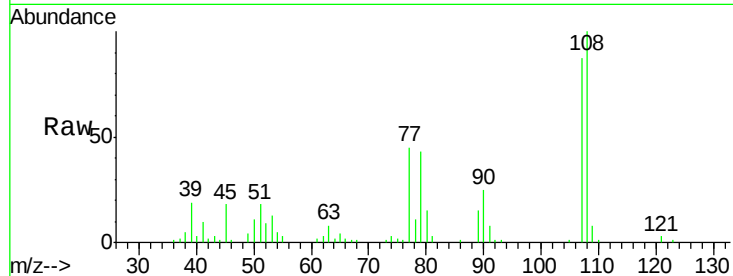
Ion Ratio Lower Upper

107 100

108 115.5 90.3 135.5

77 51.9 35.5 53.3

79 49.8 34.2 51.4

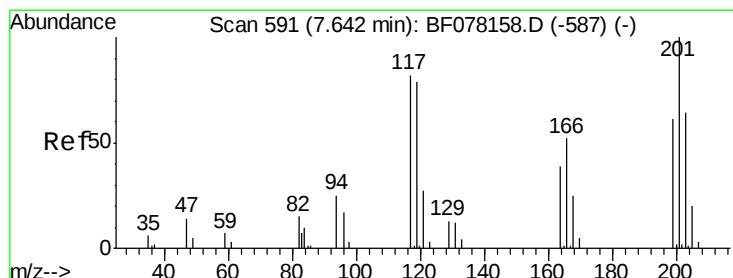
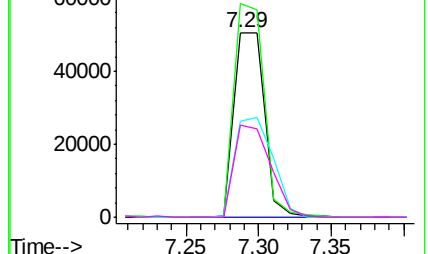
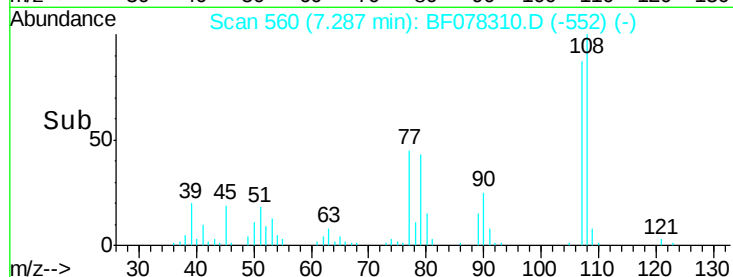


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.30 ng

RT: 7.55 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

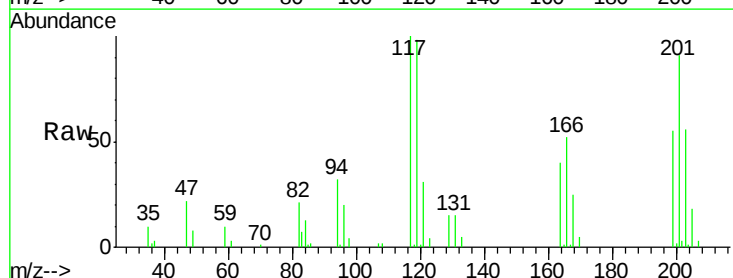
Tgt Ion:117 Resp: 34924

Ion Ratio Lower Upper

117 100

119 97.5 77.0 115.6

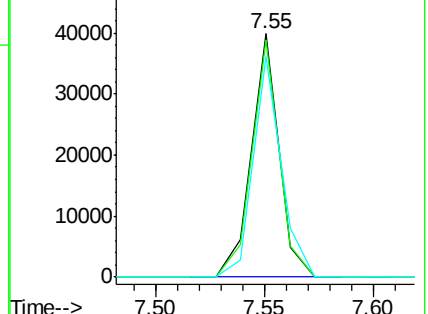
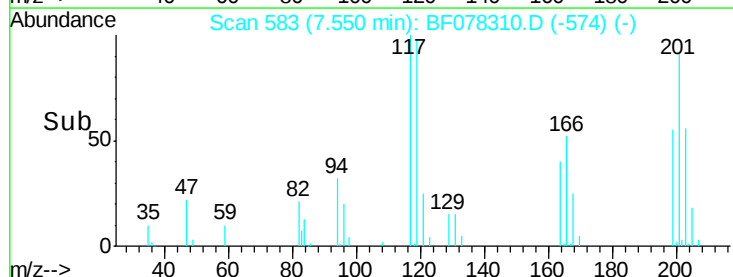
201 90.7 98.1 147.1#

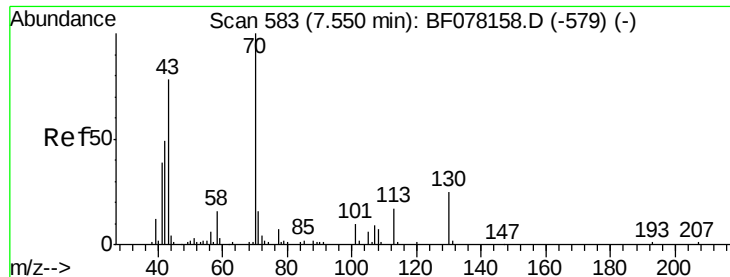


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

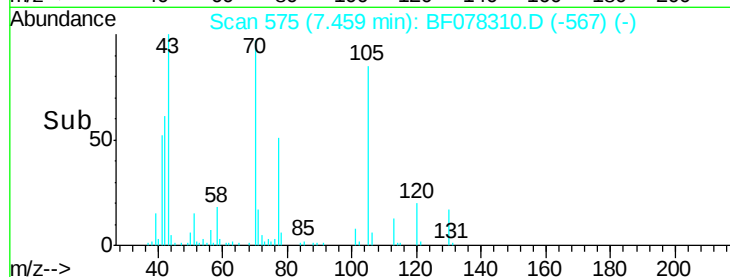
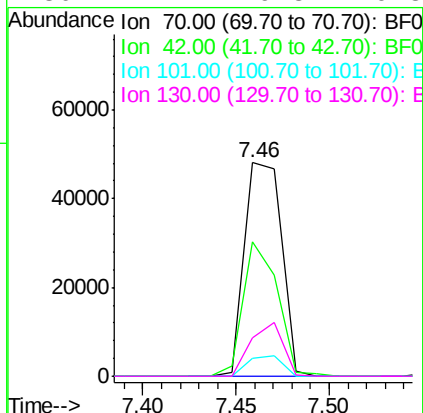
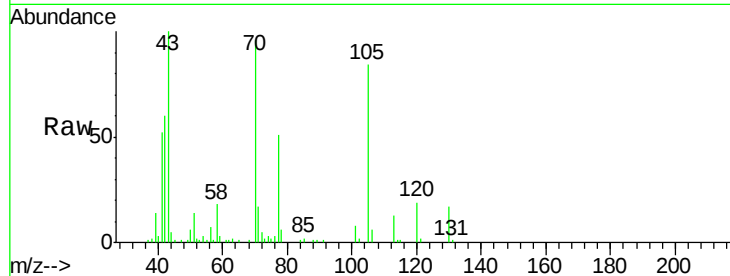




#19
n-Nitroso-di-n-propylamine
Concen: 39.91 ng
RT: 7.46 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

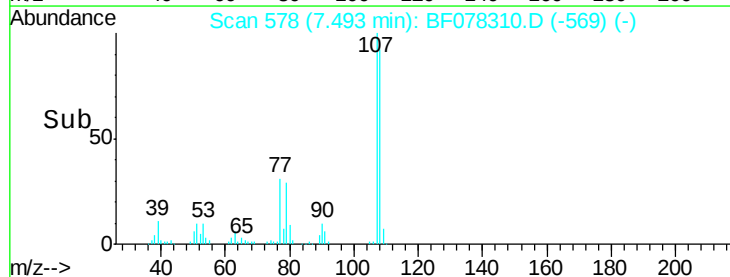
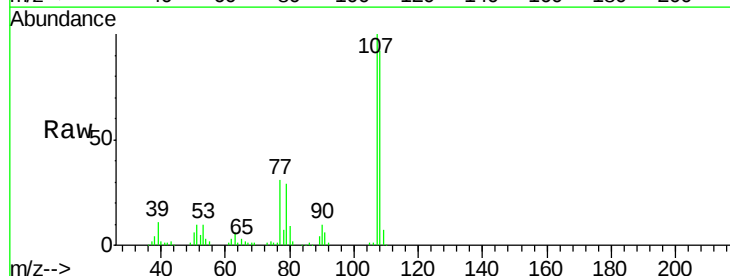
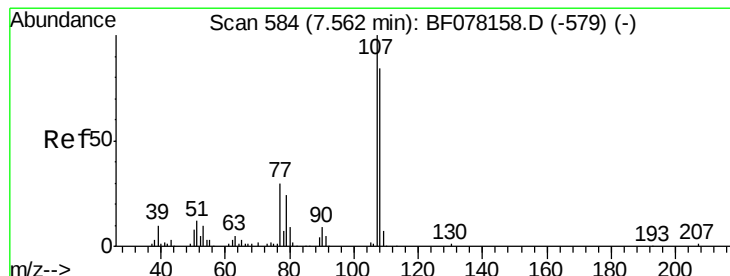
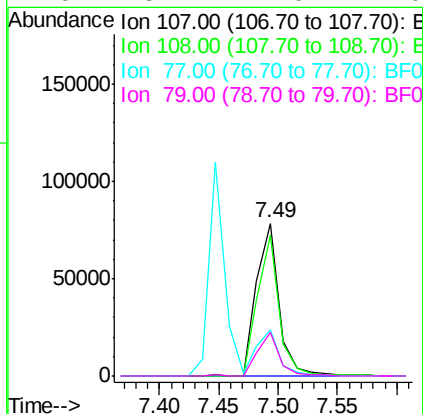
Instrument :
BNA_F
ClientSampleId :
FD-2MSD

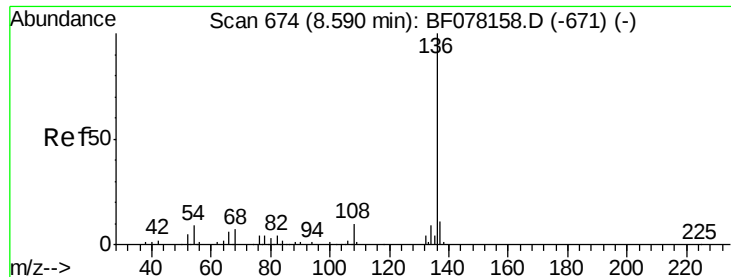
Tot Ion: 70 Resp: 66507
Ion Ratio Lower Upper
70 100
42 62.6 38.9 58.3#
101 8.1 8.3 12.5#
130 17.7 19.8 29.8#



#20
3+4-Methylphenols
Concen: 42.77 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:107 Resp: 105575
Ion Ratio Lower Upper
107 100
108 92.1 64.4 104.4
77 30.5 9.7 49.7
79 28.7 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

Tot Ion:136 Resp: 135564

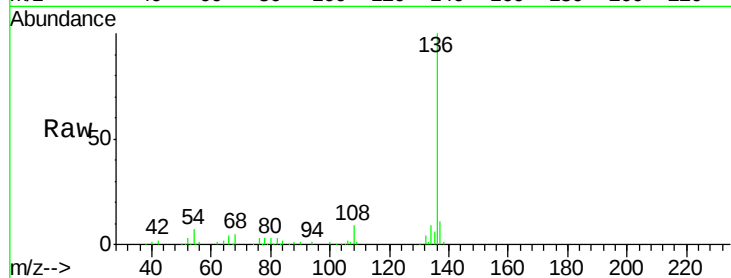
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.6 7.0 10.6#

68 5.1 5.4 8.2#

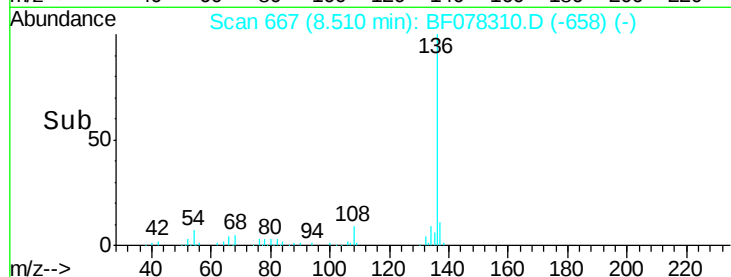


Abundance Ion 136.00 (135.70 to 136.70): E

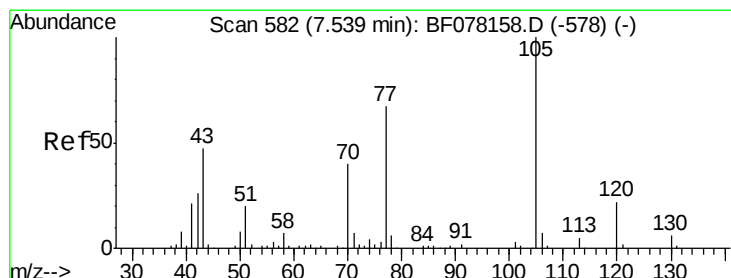
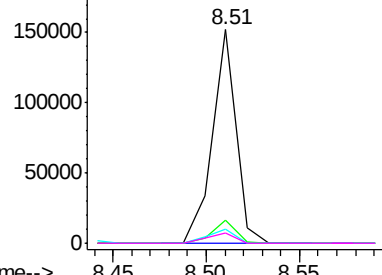
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.72 ng

RT: 7.45 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Tgt Ion:105 Resp: 134929

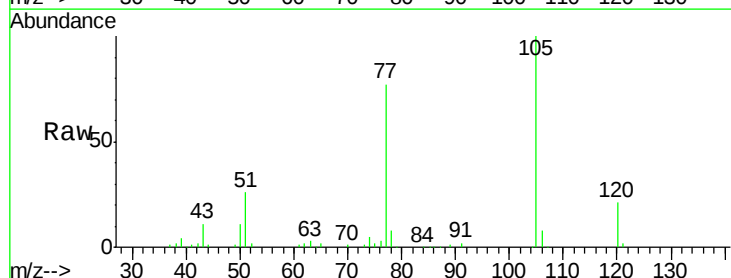
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 26.2 16.0 24.0#

120 21.1 17.8 26.6

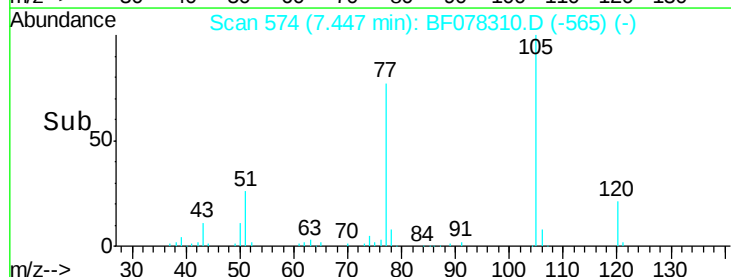


Abundance Ion 105.00 (104.70 to 105.70): E

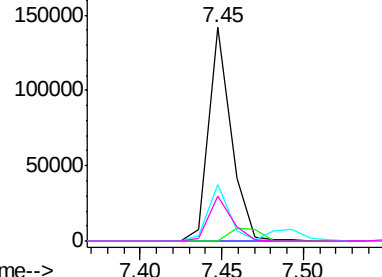
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

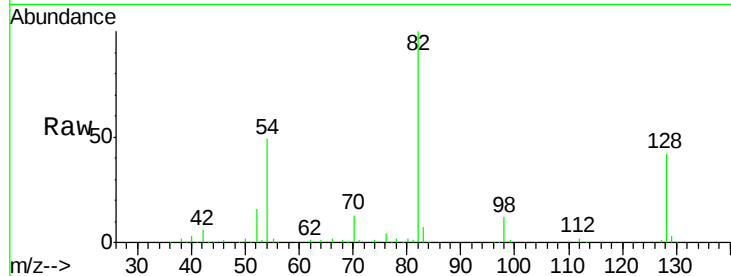




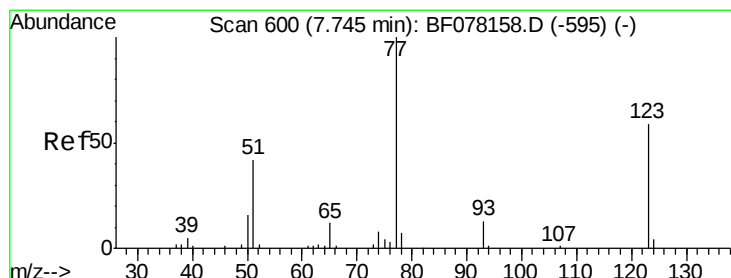
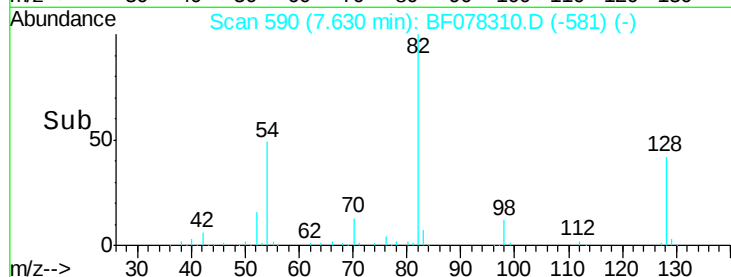
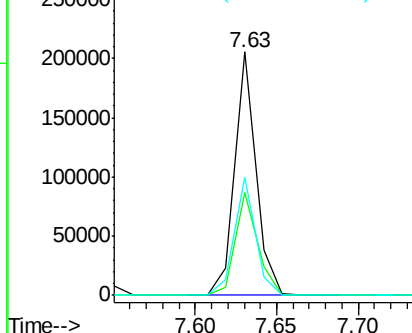
#23
 Nitrobenzene-d5
 Concen: 82.28 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tot Ion	82	Resp	184033
Ion Ratio	100		
Lower	31.8		
Upper	47.8		
54	48.8	41.5	62.3

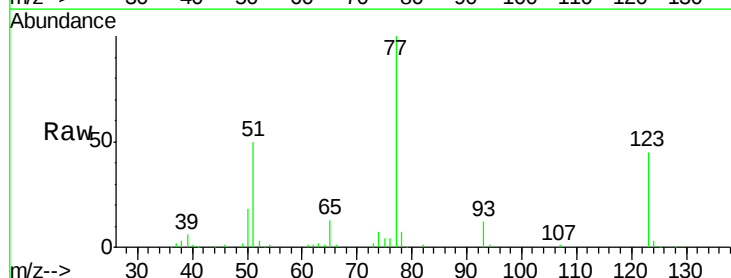


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

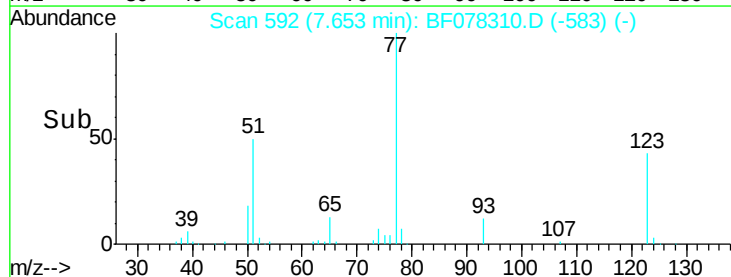
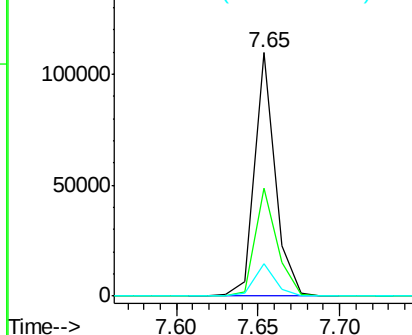


#24
 Nitrobenzene
 Concen: 41.37 ng
 RT: 7.65 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion	77	Resp	96733
Ion Ratio	100		
Lower	46.9		
Upper	70.3#		
123	44.6	9.5	14.3
65	13.3		



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.23 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

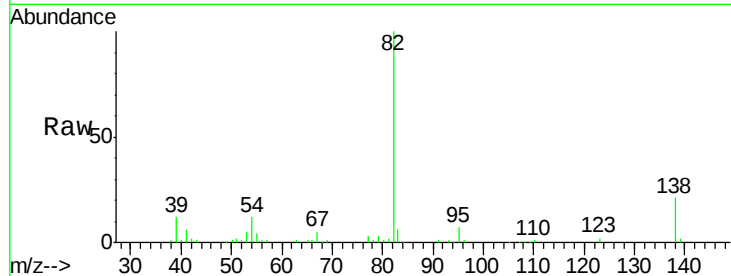
Tot Ion: 82 Resp: 179252

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

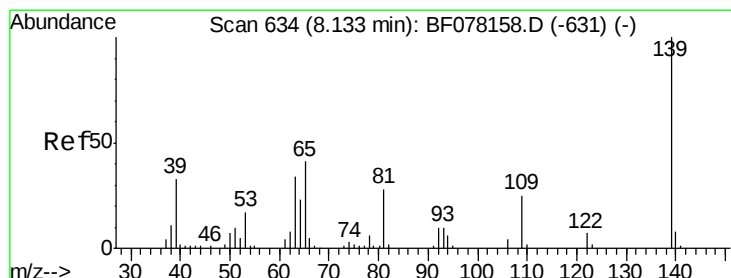
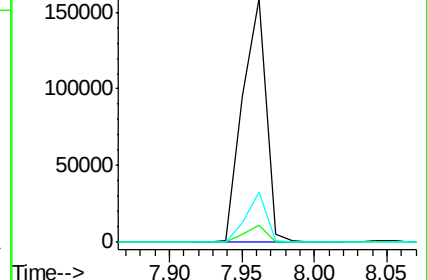
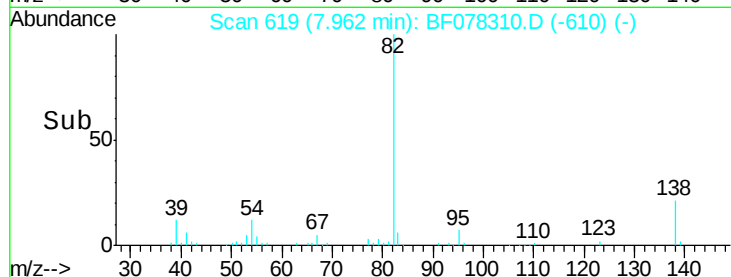
138 20.6 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF078310.D (-610) (-)

Ion 95.00 (94.70 to 95.70): BF078310.D (-610) (-)

Ion 138.00 (137.70 to 138.70): BF078310.D (-610) (-)



#26

2-Nitrophenol

Concen: 42.88 ng

RT: 8.05 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

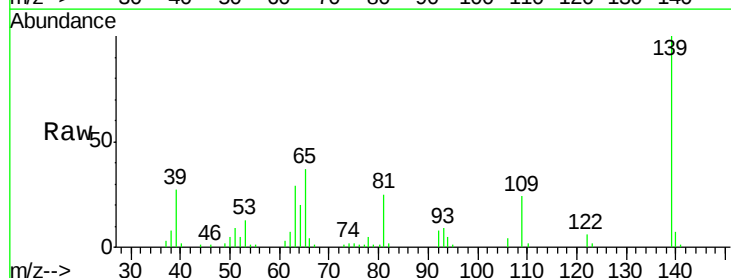
Tgt Ion: 139 Resp: 47781

Ion Ratio Lower Upper

139 100

109 24.5 19.8 29.8

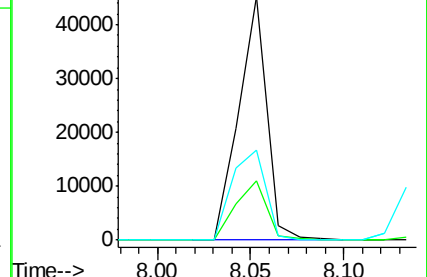
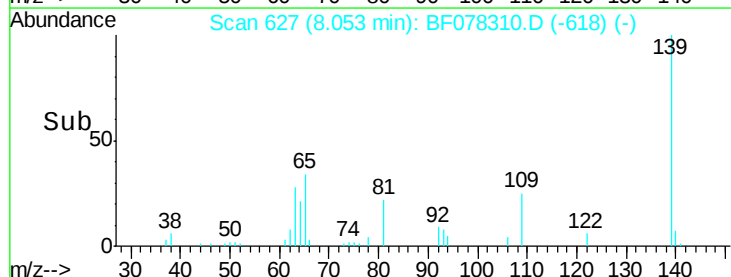
65 36.7 32.7 49.1

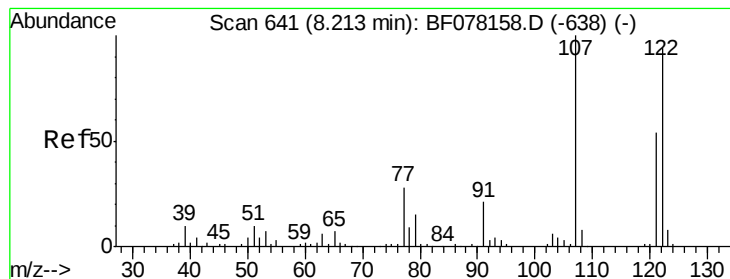


Abundance Ion 139.00 (138.70 to 139.70): BF078310.D (-618) (-)

Ion 109.00 (108.70 to 109.70): BF078310.D (-618) (-)

Ion 65.00 (64.70 to 65.70): BF078310.D (-618) (-)





#27

2,4-Dimethylphenol

Concen: 42.77 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

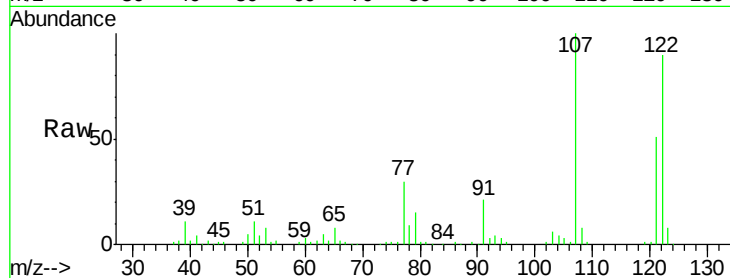
Tot Ion:122 Resp: 88615

Ion Ratio Lower Upper

122 100

107 110.9 84.6 127.0

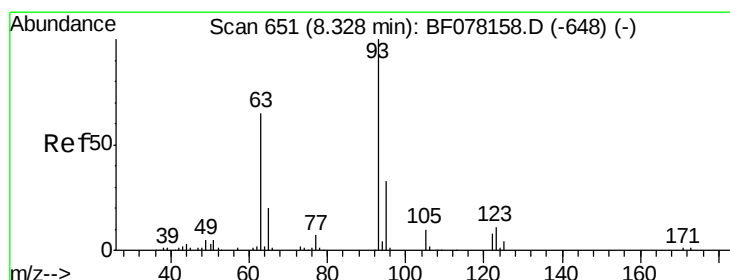
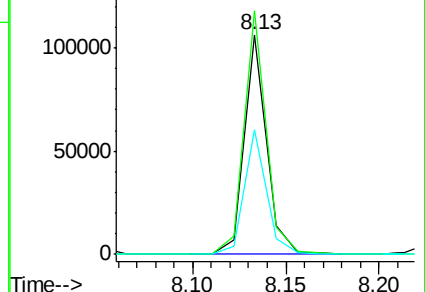
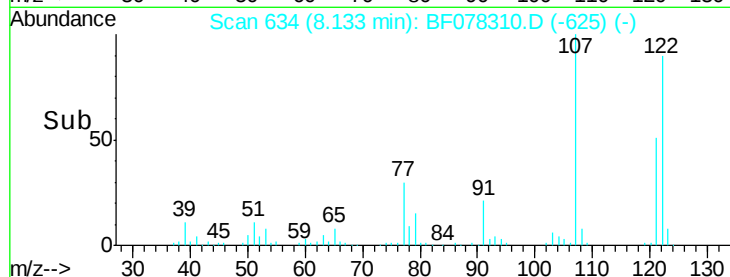
121 57.0 46.0 69.0



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: 43.17 ng

RT: 8.25 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

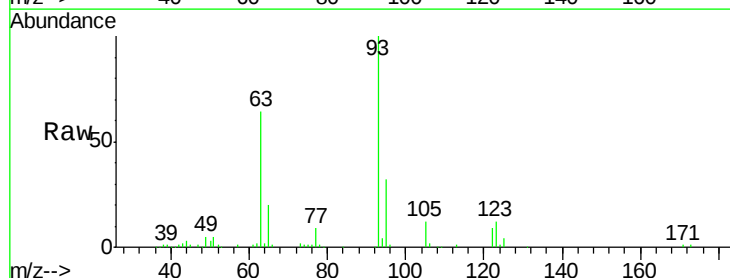
Tgt Ion: 93 Resp: 117503

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

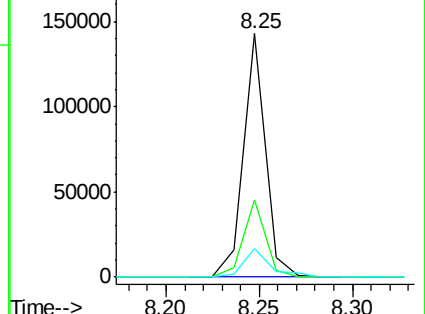
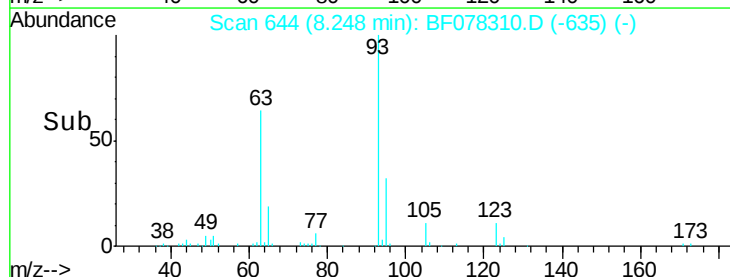
123 11.5 9.1 13.7

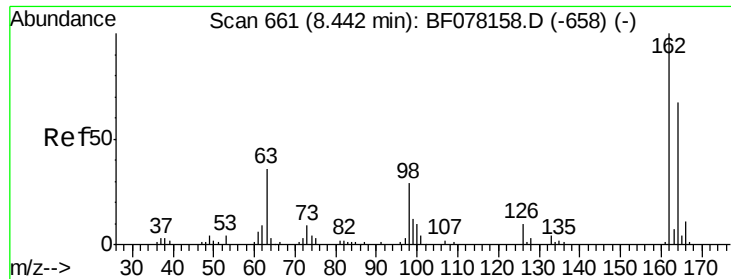


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

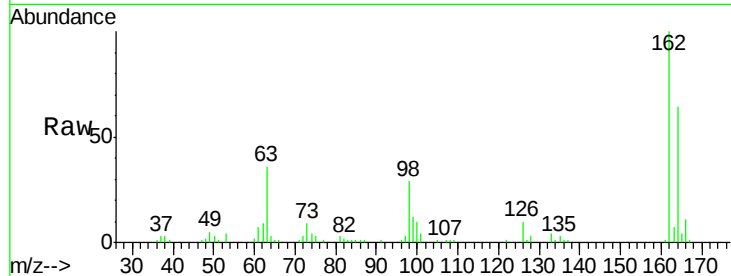




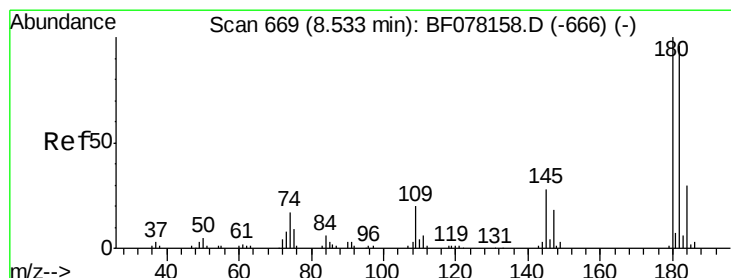
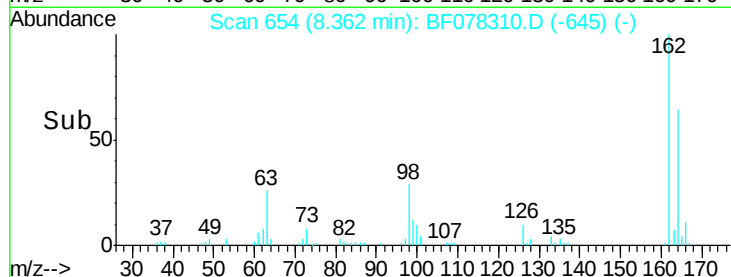
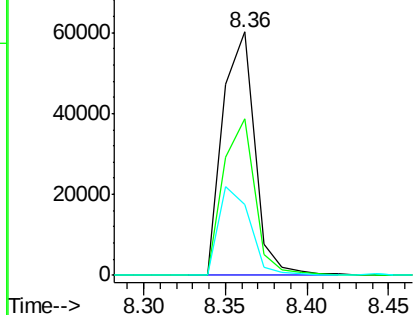
#29
 2,4-Dichlorophenol
 Concen: 43.33 ng
 RT: 8.36 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tot Ion:162 Resp: 81676
 Ion Ratio Lower Upper
 162 100
 164 64.4 47.0 87.0
 98 29.0 9.2 49.2

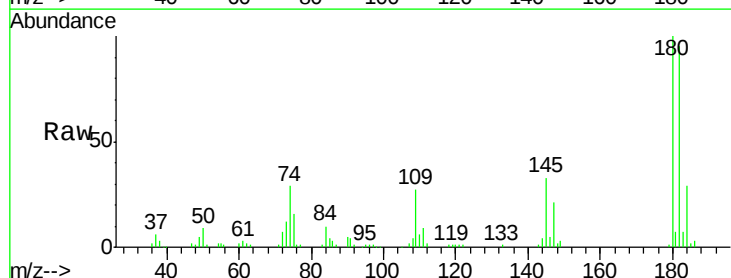


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

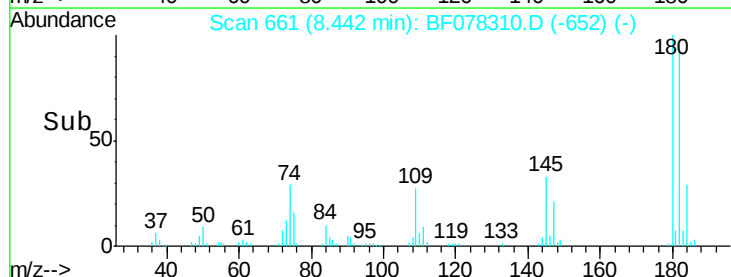
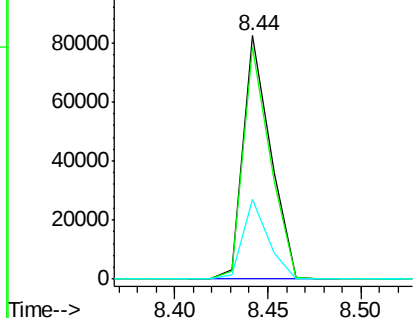


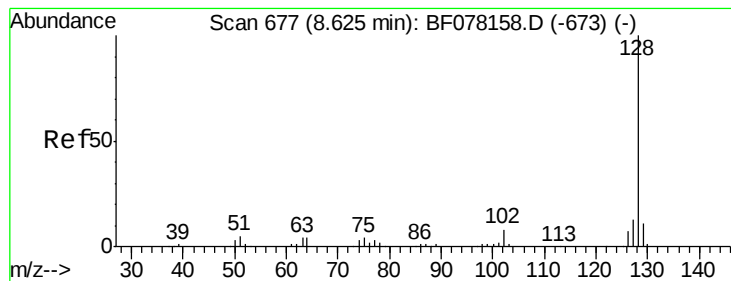
#30
 1,2,4-Trichlorobenzene
 Concen: 38.81 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:180 Resp: 83871
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.9 115.3
 145 32.8 22.5 33.7



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: 39.94 ng

RT: 8.53 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

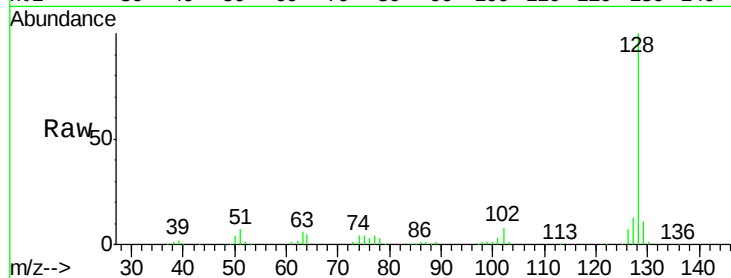
Tot Ion:128 Resp: 281795

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

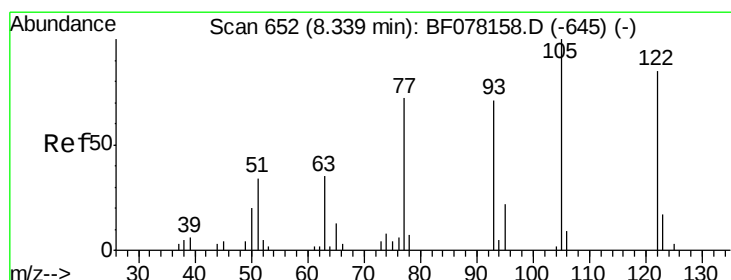
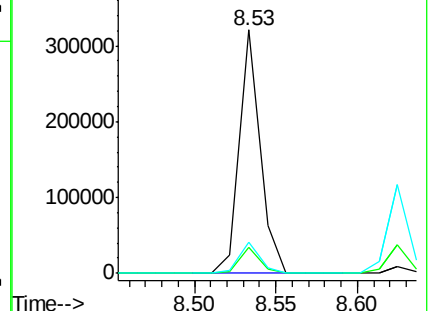
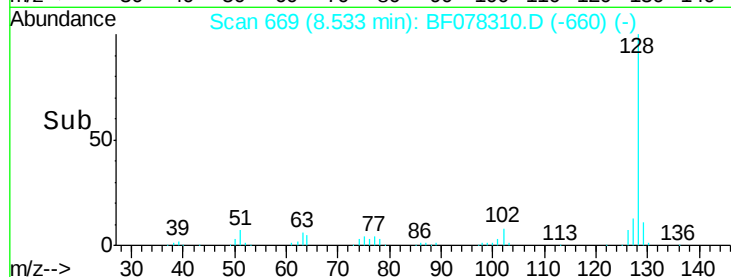
127 12.9 10.7 16.1



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: 57.76 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

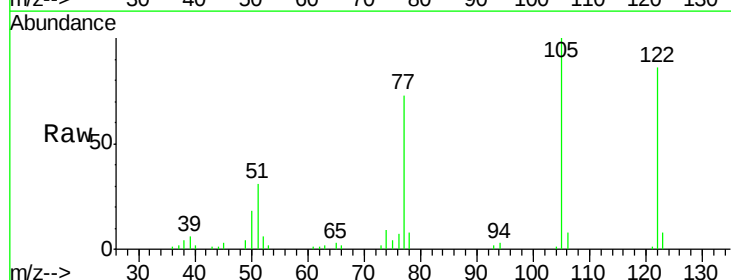
Tgt Ion:122 Resp: 57581

Ion Ratio Lower Upper

122 100

105 116.5 96.1 136.1

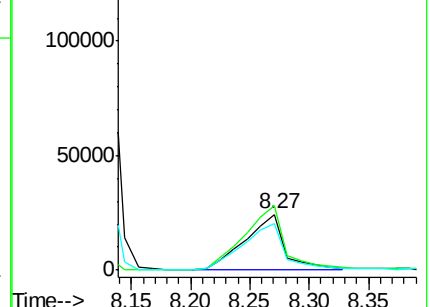
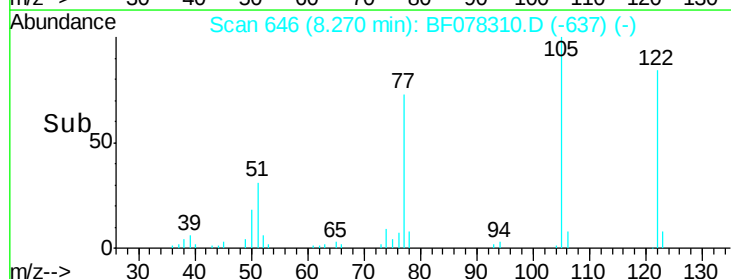
77 84.8 64.1 104.1



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

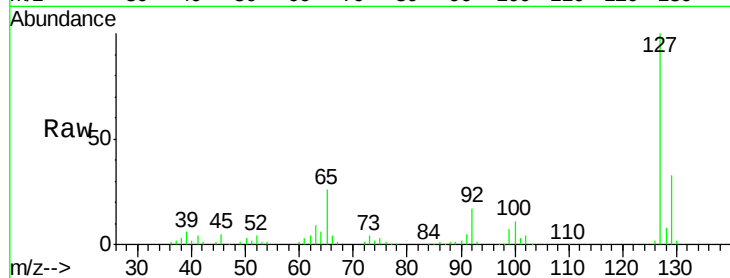




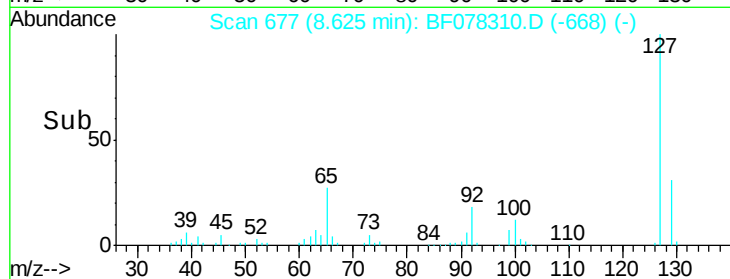
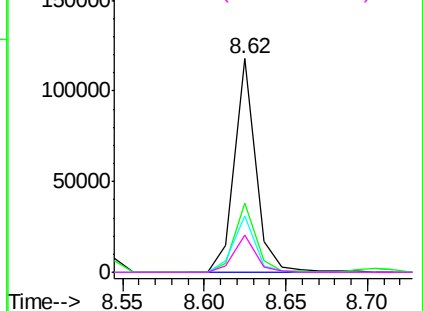
#33
4-Chloroaniline
Concen: 36.69 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tot Ion:	127	Resp:	107432
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	26.2	21.7	32.5
92	17.2	14.6	21.8

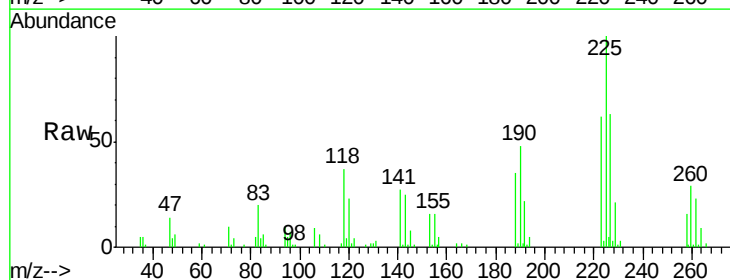


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

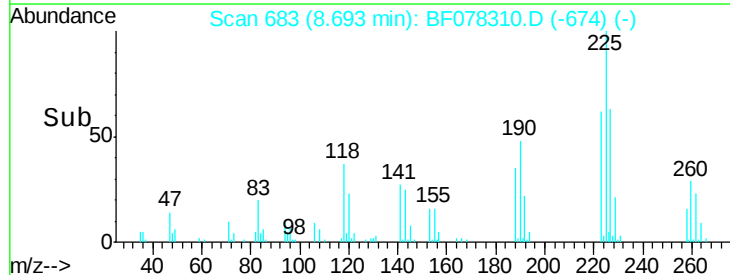
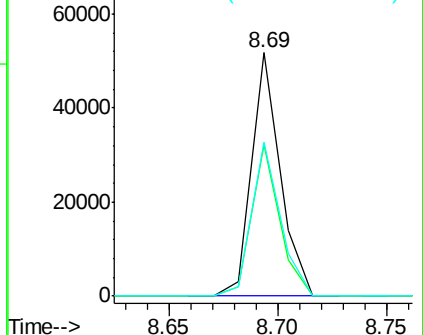


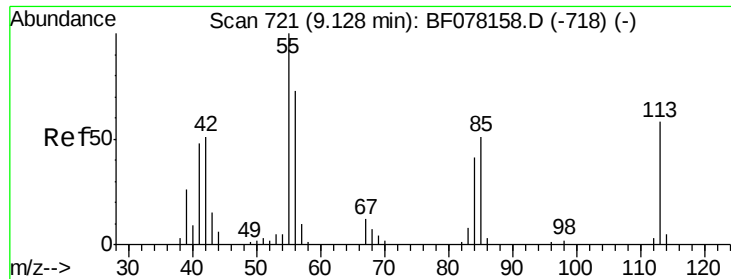
#34
Hexachlorobutadiene
Concen: 39.76 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:	225	Resp:	47184
Ion	Ratio	Lower	Upper
225	100		
223	62.1	47.5	71.3
227	63.1	50.2	75.2



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

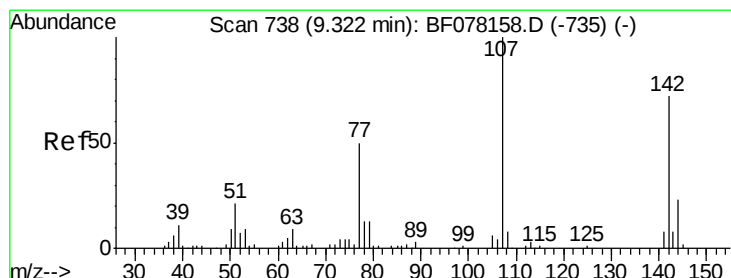
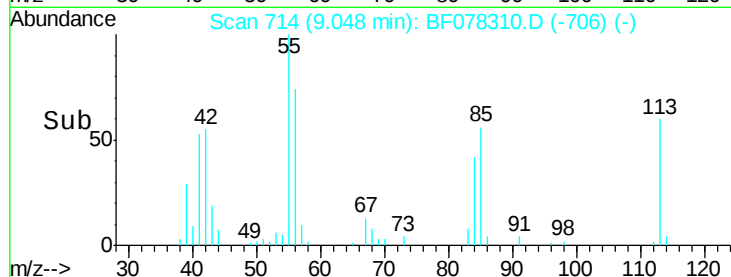
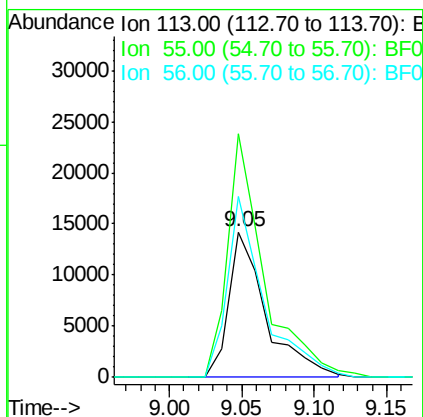
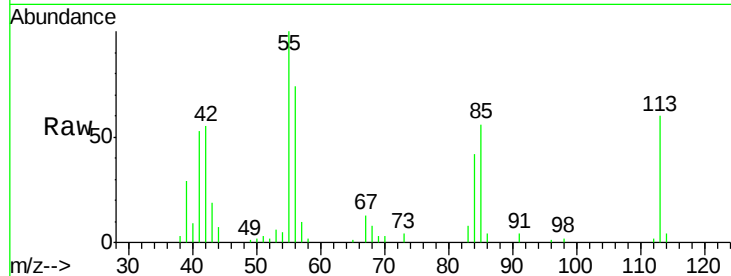




#35
Caprolactam
Concen: 45.37 ng
RT: 9.05 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

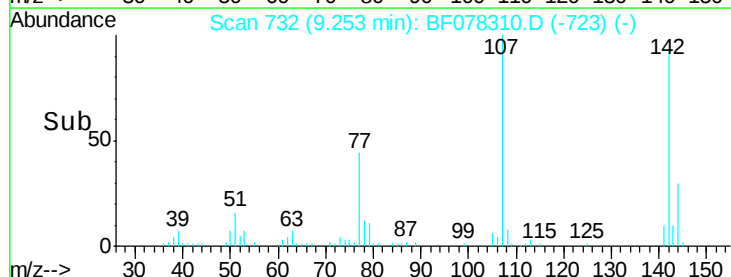
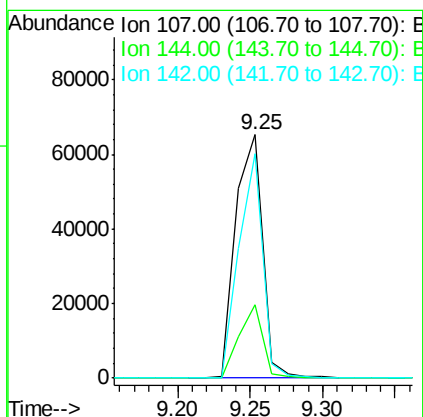
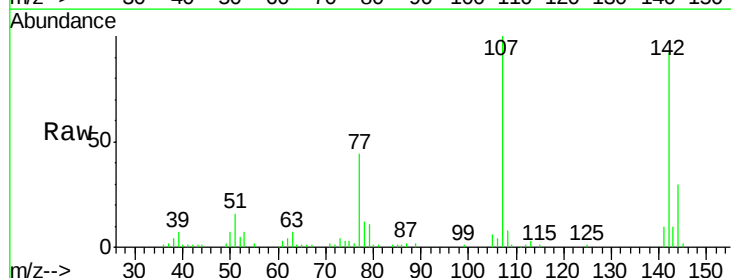
Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tot Ion:113 Resp: 25524
Ion Ratio Lower Upper
113 100
55 167.6 151.9 191.9
56 124.2 106.1 146.1



#36
4-Chloro-3-methylphenol
Concen: 44.27 ng
RT: 9.25 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:107 Resp: 84191
Ion Ratio Lower Upper
107 100
144 30.4 18.2 27.2#
142 92.0 58.0 87.0#

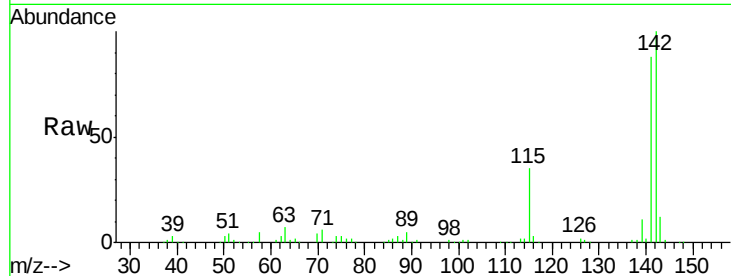




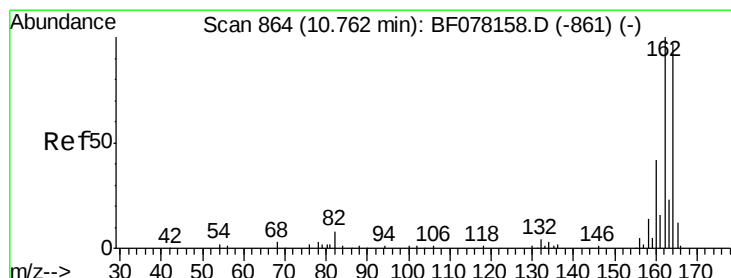
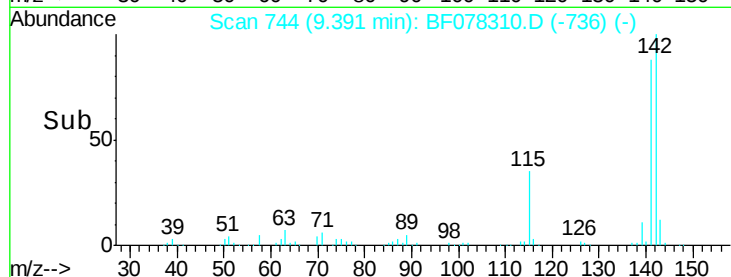
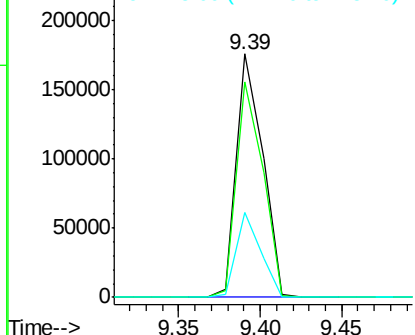
#37
2-Methylnaphthalene
Concen: 40.64 ng
RT: 9.39 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tot Ion:142 Resp: 194685
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 35.1 24.6 37.0

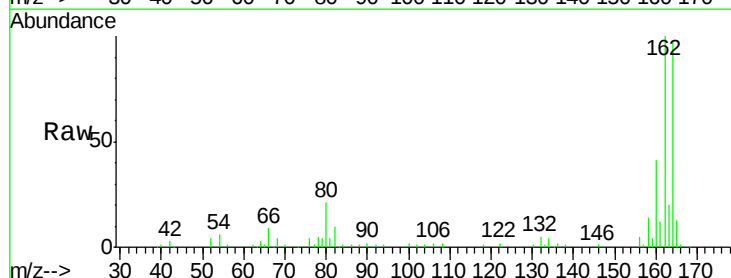


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

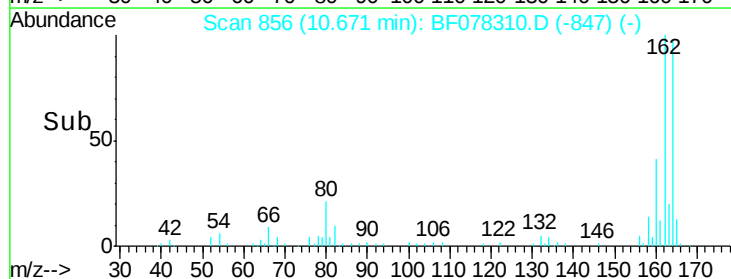
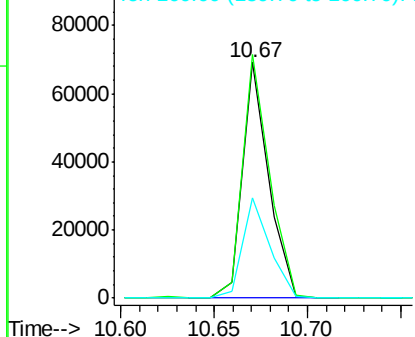


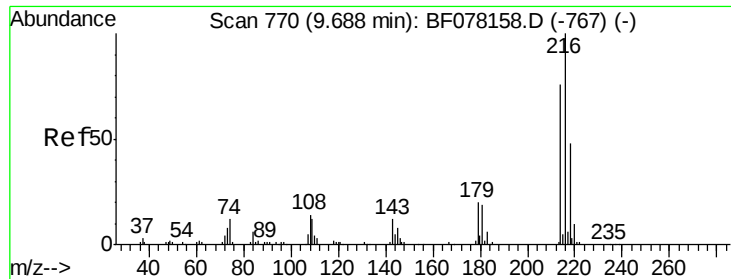
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:164 Resp: 67296
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.2
160 42.7 34.7 52.1



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: 39.88 ng

RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

Tot Ion:216 Resp: 83157

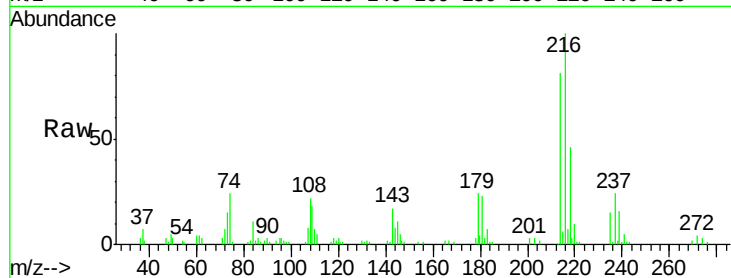
Ion Ratio Lower Upper

216 100

214 79.8 62.0 93.0

179 21.4 17.3 25.9

108 21.0 14.6 21.8

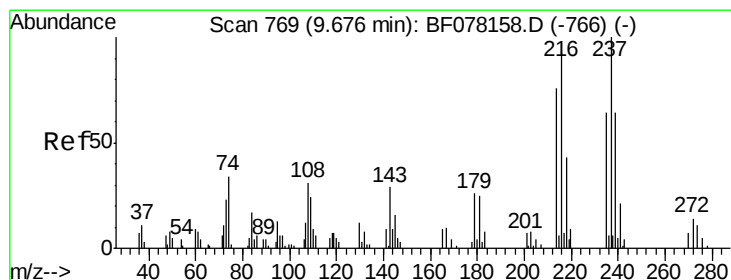
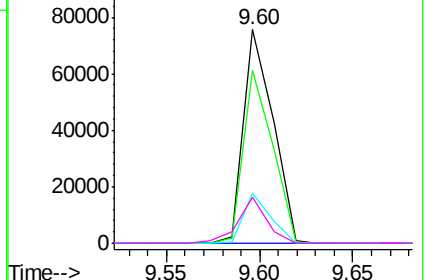
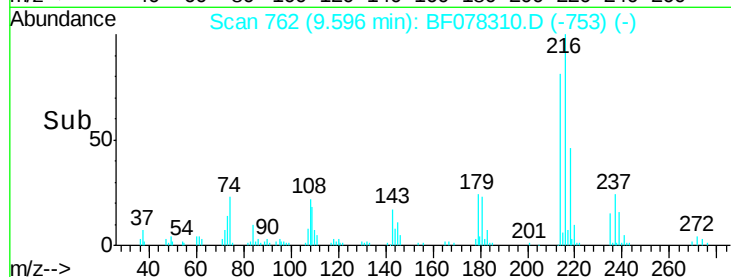


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.06 ng

RT: 9.58 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

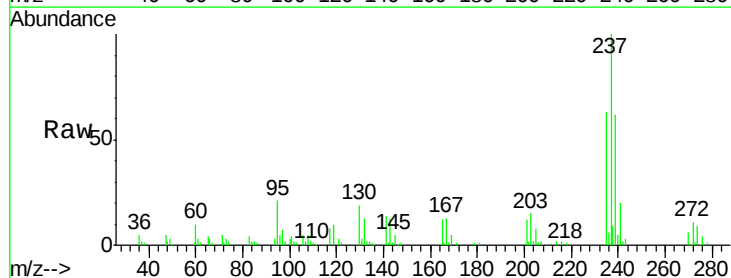
Tgt Ion:237 Resp: 78741

Ion Ratio Lower Upper

237 100

235 63.3 44.1 84.1

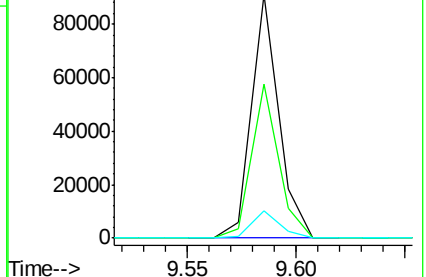
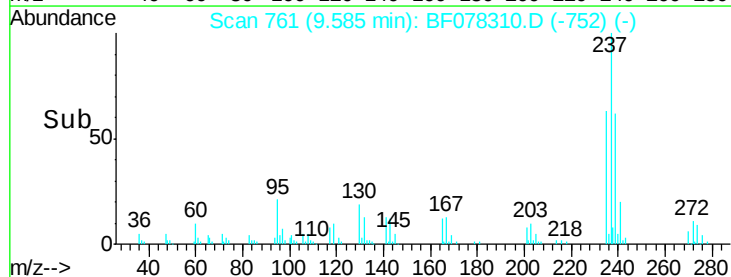
272 11.3 0.0 34.4

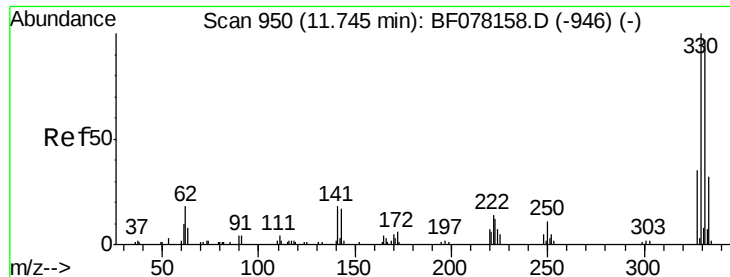


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

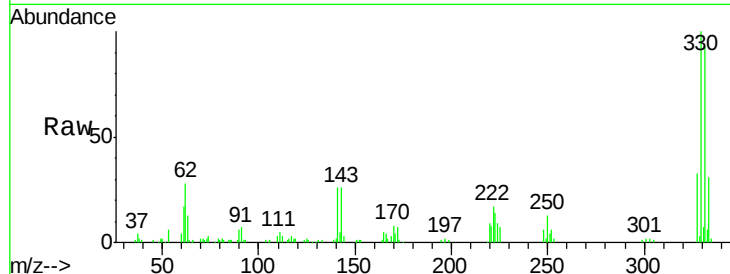




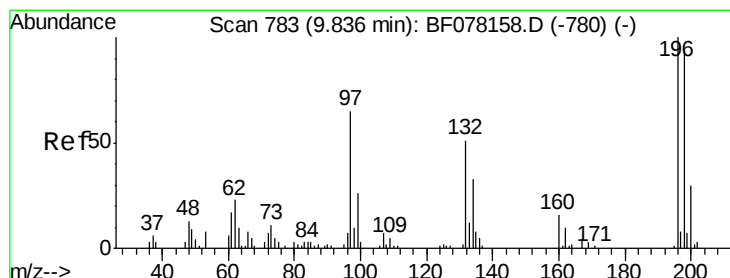
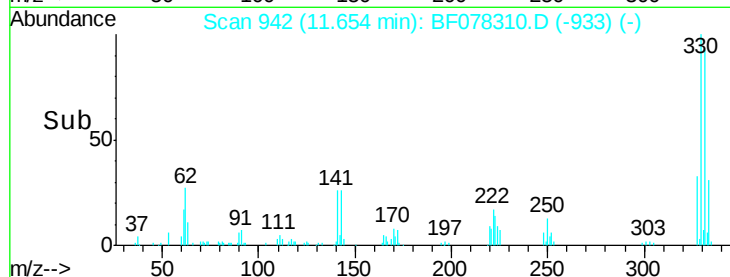
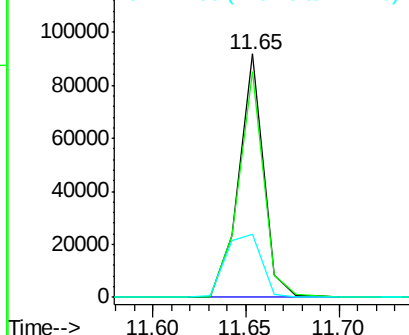
#41
 2,4,6-Tribromophenol
 Concen: 153.76 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tot Ion:330 Resp: 85815
 Ion Ratio Lower Upper
 330 100
 332 94.3 78.6 117.8
 141 37.5 31.2 46.8

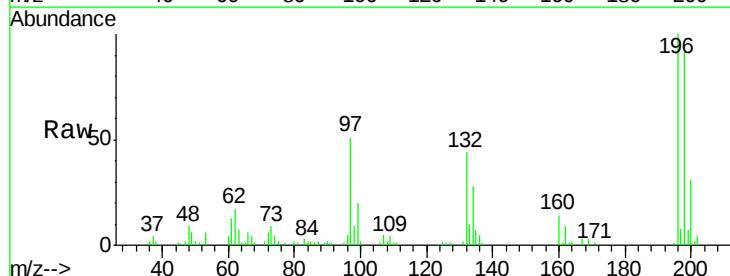


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

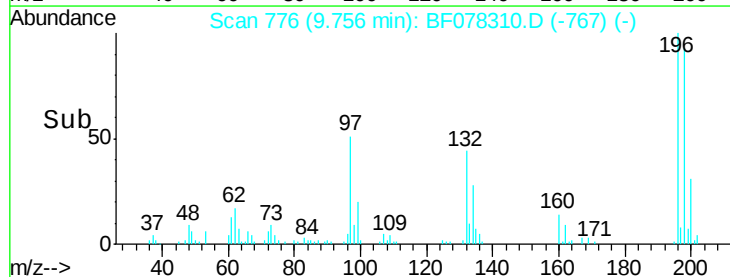
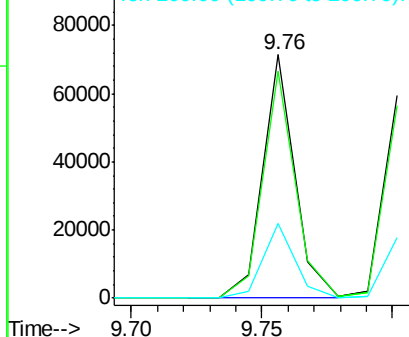


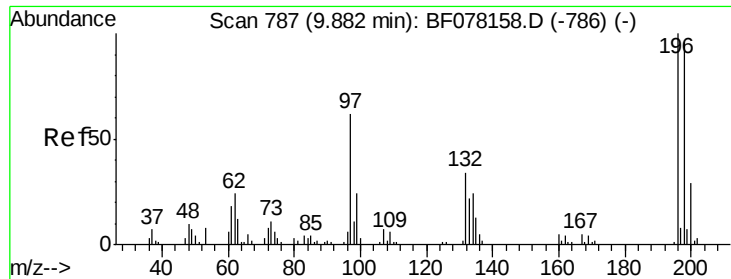
#42
 2,4,6-Trichlorophenol
 Concen: 46.72 ng
 RT: 9.76 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:196 Resp: 61442
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.4 113.2
 200 30.6 24.0 36.0



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

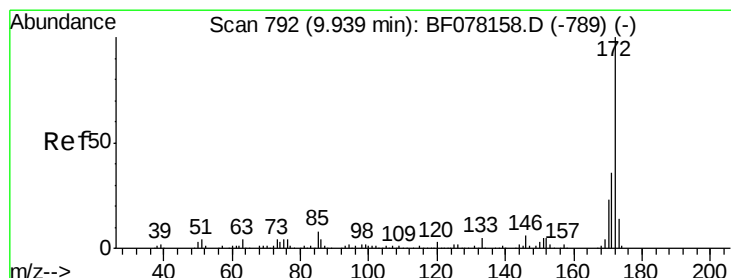
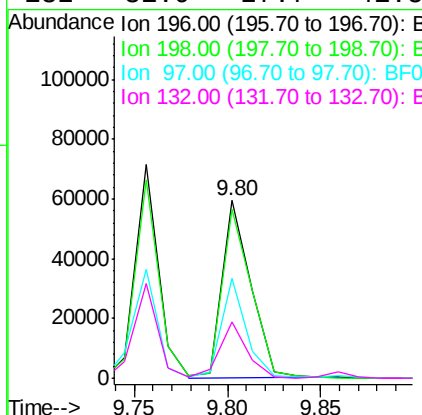
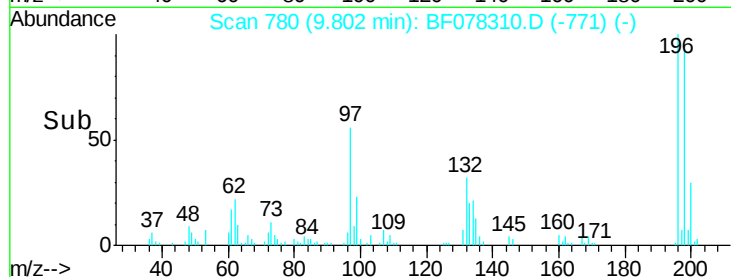
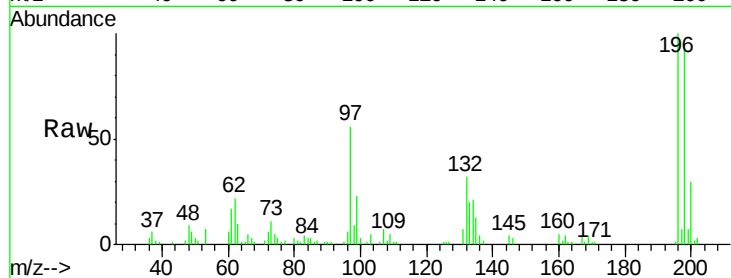




#43
 2,4,5-Trichlorophenol
 Concen: 46.27 ng
 RT: 9.80 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

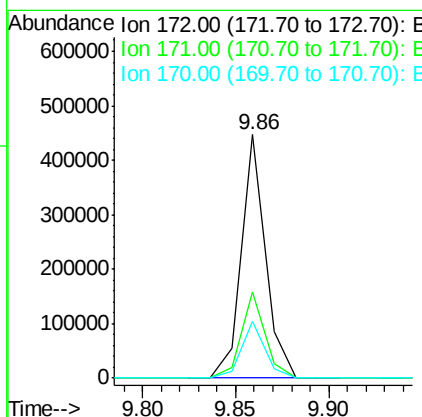
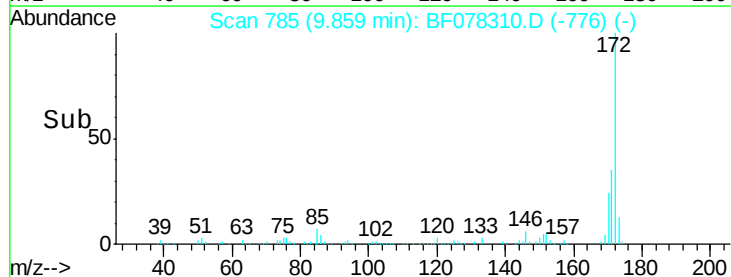
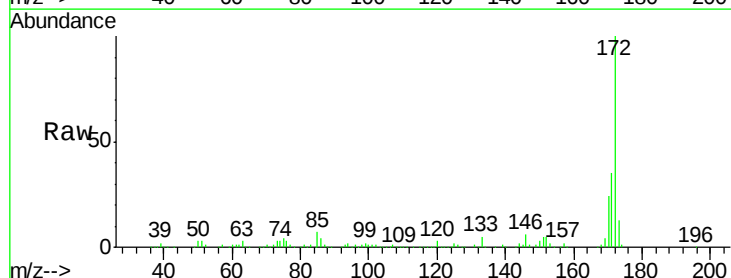
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tot Ion:196 Resp: 63571
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 97 56.3 50.6 75.8
 132 31.9 27.7 41.5



#44
 2-Fluorobiphenyl
 Concen: 85.33 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:172 Resp: 401738
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.5 18.5 27.7

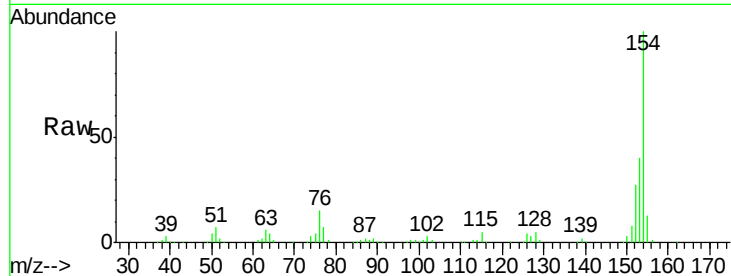




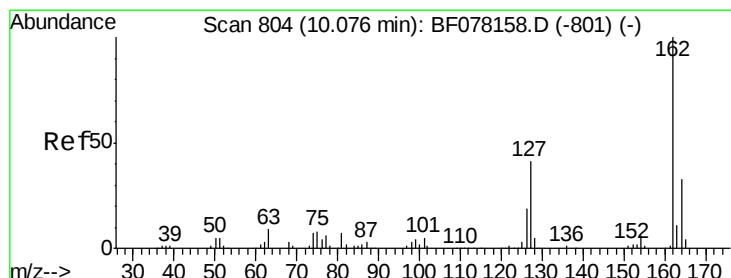
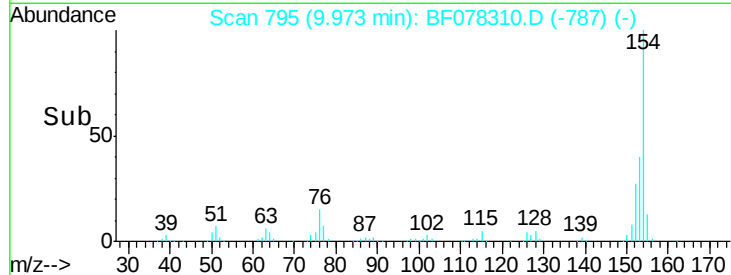
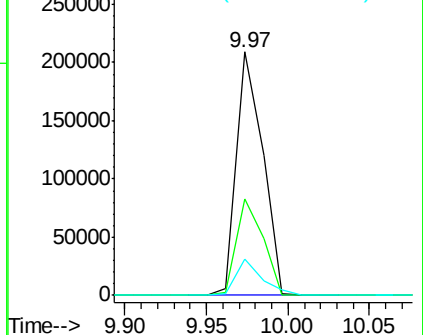
#45
 1,1'-Biphenyl
 Concen: 42.02 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampled :
 FD-2MSD

Tot Ion:154 Resp: 231290
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.0 60.0
 76 14.8 0.0 30.6

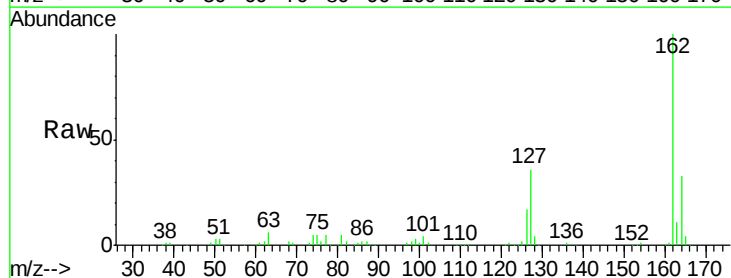


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

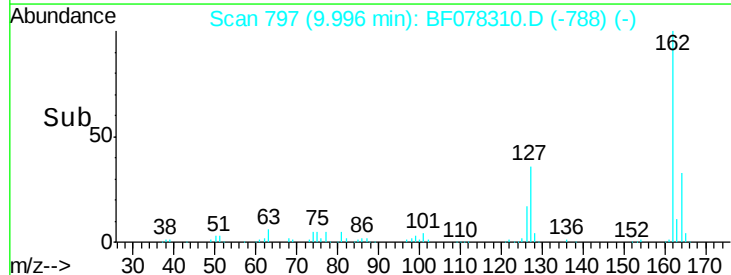
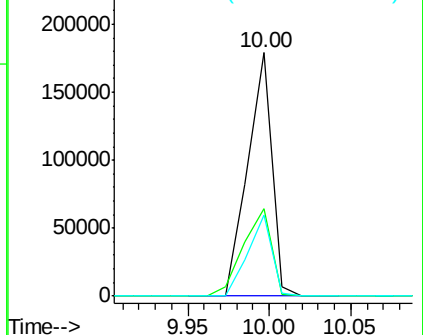


#46
 2-Chloronaphthalene
 Concen: 42.64 ng
 RT: 10.00 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:162 Resp: 184690
 Ion Ratio Lower Upper
 162 100
 127 35.7 32.6 49.0
 164 33.1 26.0 39.0



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

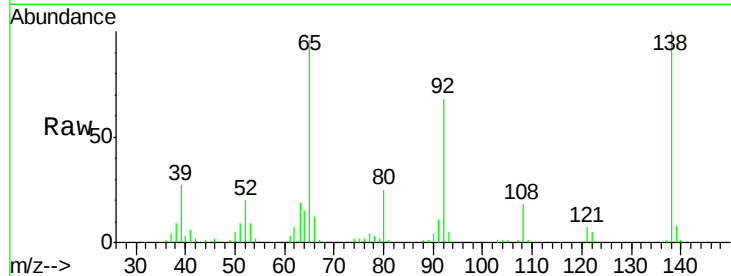




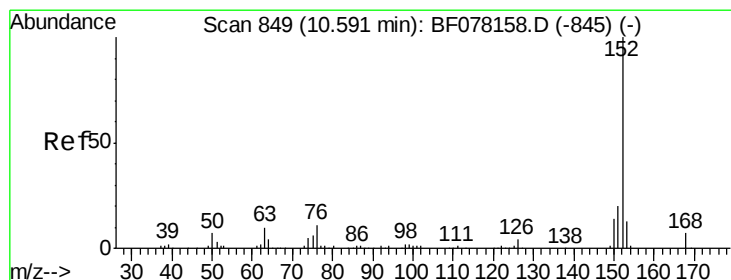
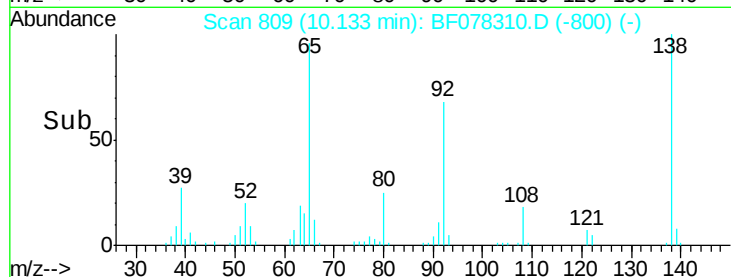
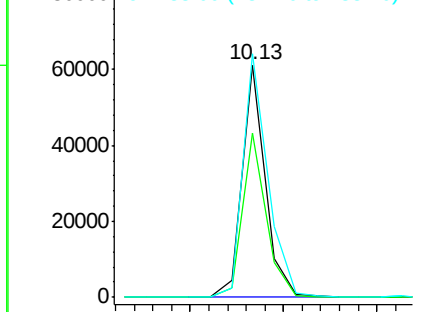
#47
2-Nitroaniline
Concen: 49.54 ng
RT: 10.13 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tot Ion: 65 Resp: 53081
Ion Ratio Lower Upper
65 100
92 70.8 51.3 76.9
138 104.7 70.4 105.6

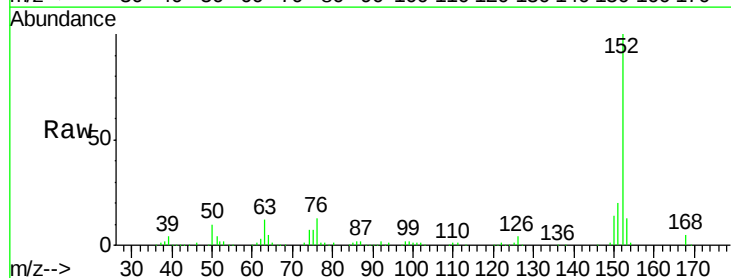


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

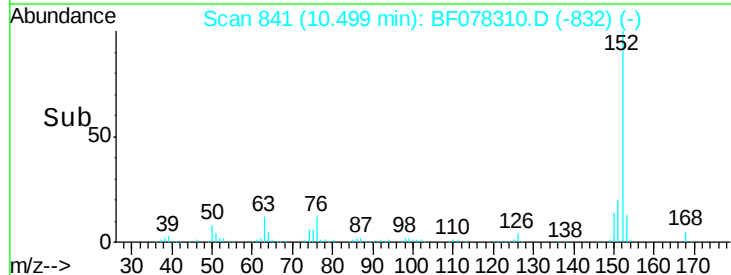
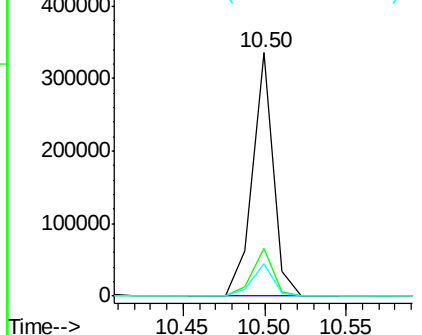


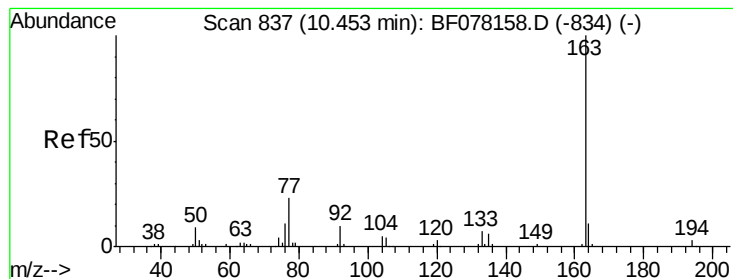
#48
Acenaphthylene
Concen: 42.45 ng
RT: 10.50 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion: 152 Resp: 296886
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 48.20 ng

RT: 10.37 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

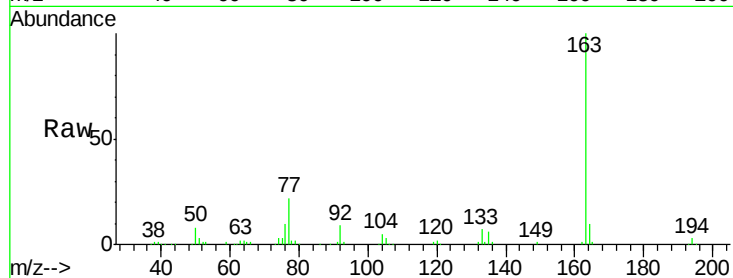
Tot Ion:163 Resp: 243673

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

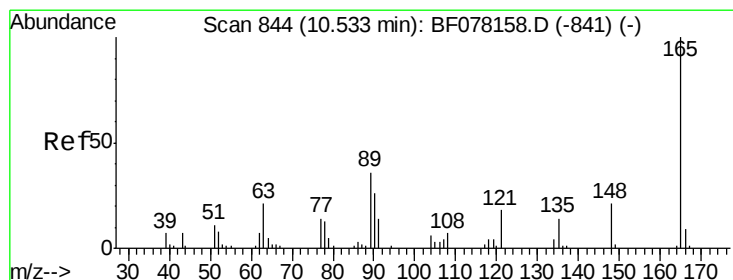
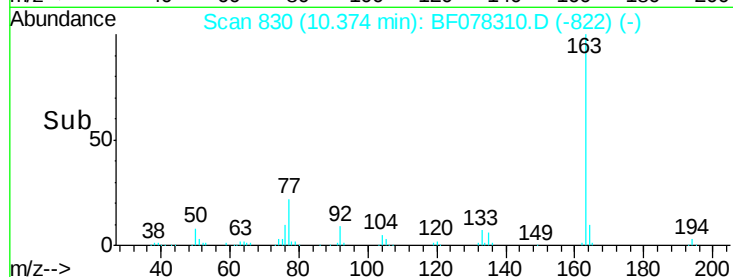
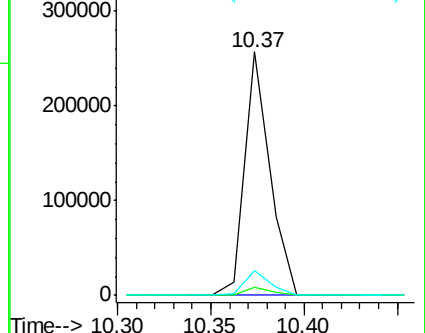
164 10.3 8.6 13.0



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: 43.27 ng

RT: 10.44 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

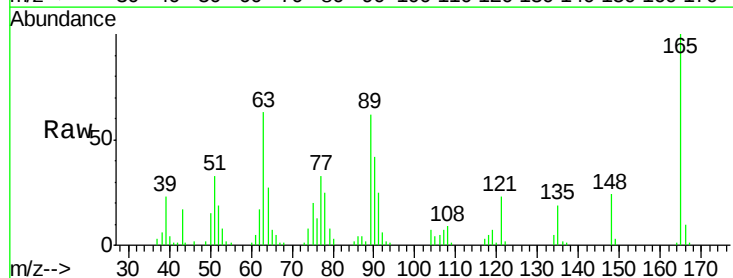
Tgt Ion:165 Resp: 45012

Ion Ratio Lower Upper

165 100

63 63.1 24.1 36.1#

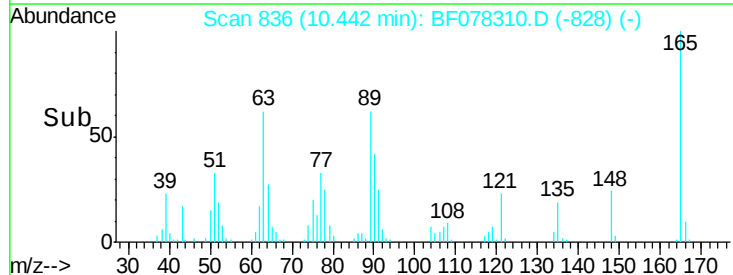
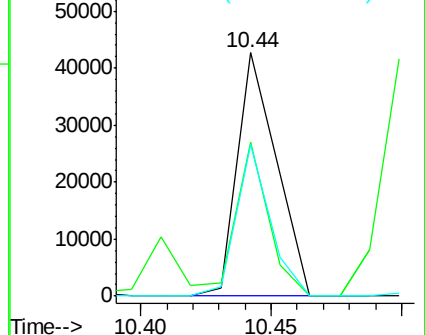
89 62.2 28.9 43.3#



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: 44.03 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

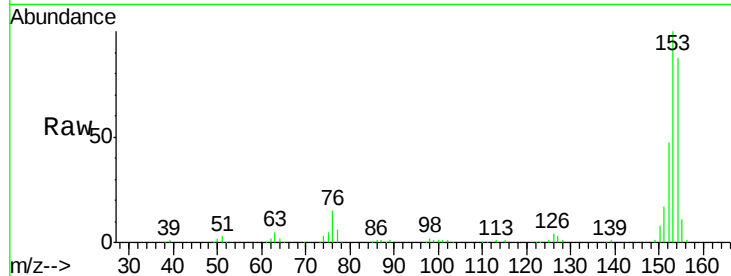
Tot Ion:154 Resp: 173358

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

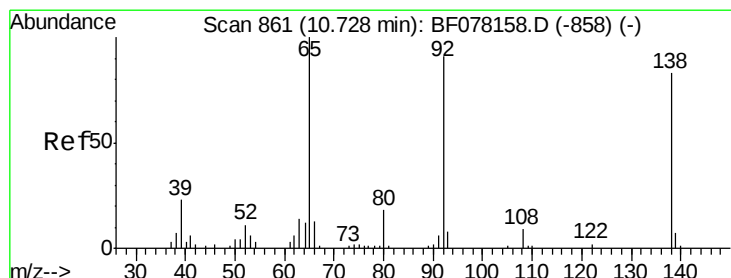
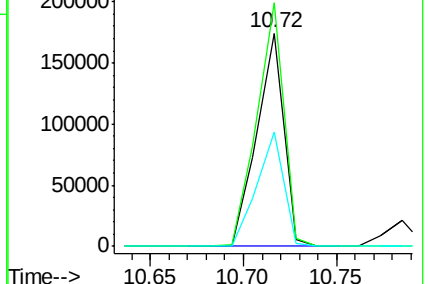
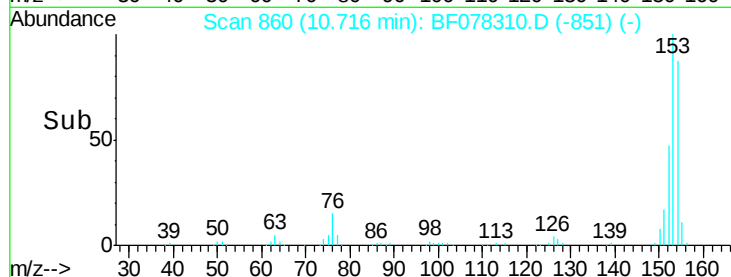
152 53.5 43.0 64.6



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: 43.13 ng

RT: 10.65 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

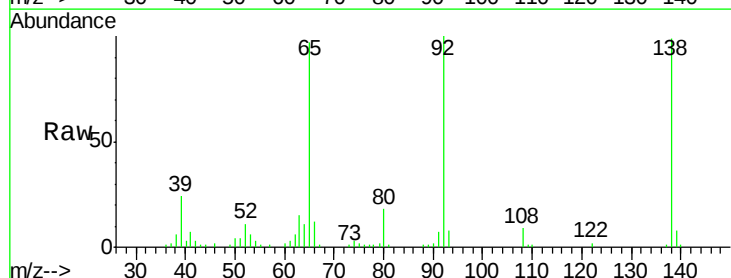
Tgt Ion:138 Resp: 51015

Ion Ratio Lower Upper

138 100

108 9.2 8.2 12.4

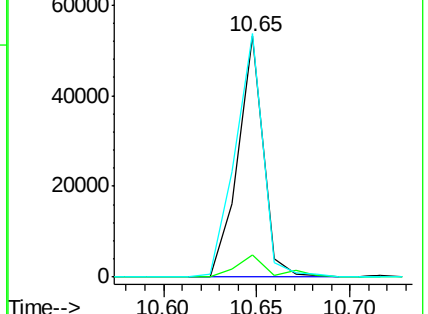
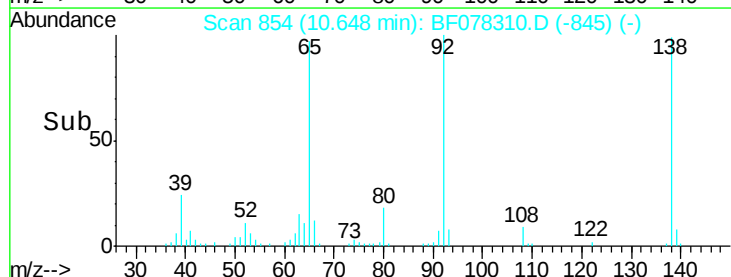
92 101.0 88.4 132.6

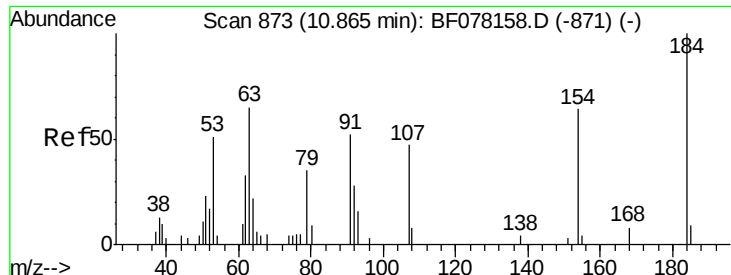


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

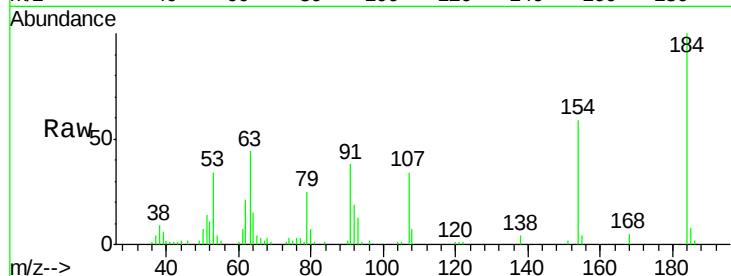




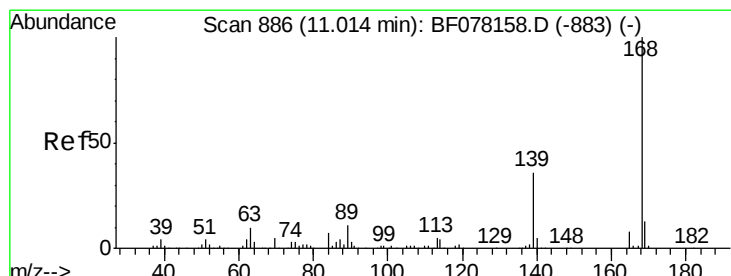
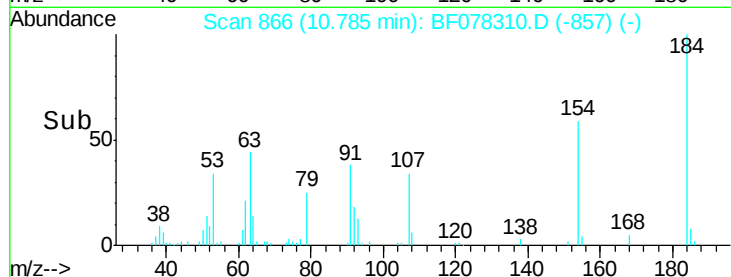
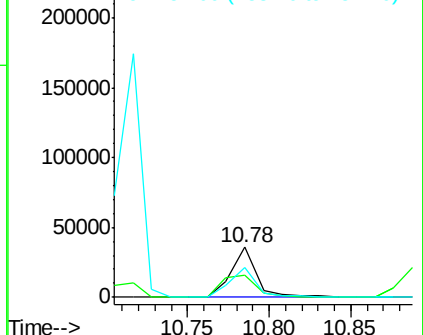
#53
 2,4-Dinitrophenol
 Concen: 90.30 ng
 RT: 10.78 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampled :
 FD-2MSD

Tot Ion:184 Resp: 38845
 Ion Ratio Lower Upper
 184 100
 63 44.0 51.9 77.9#
 154 58.6 51.0 76.4

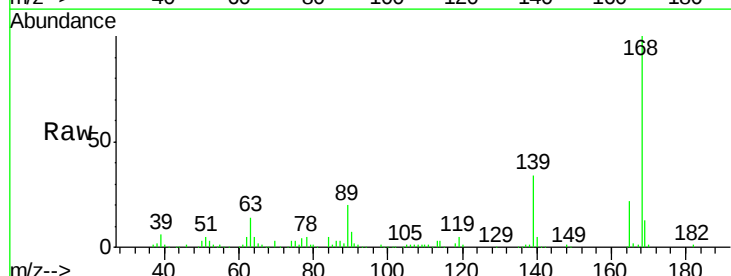


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

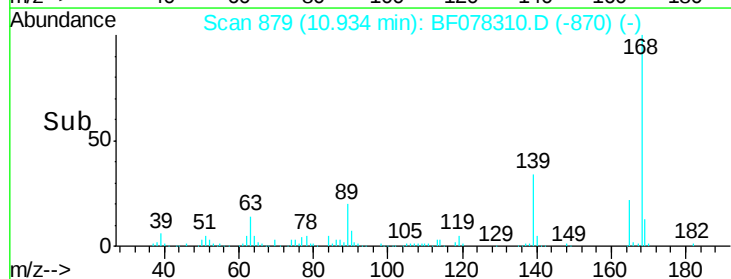
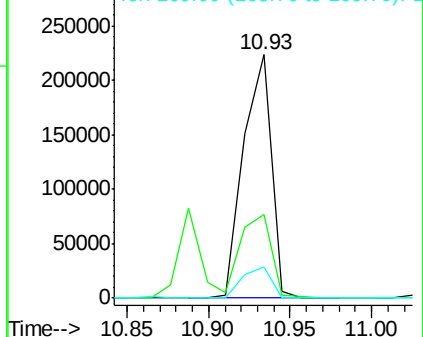


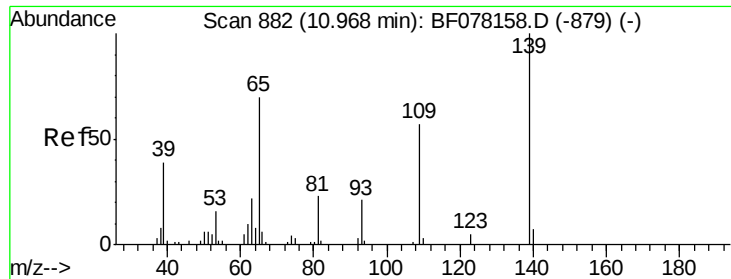
#54
 Dibenzofuran
 Concen: 43.91 ng
 RT: 10.93 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:168 Resp: 264091
 Ion Ratio Lower Upper
 168 100
 139 34.3 31.0 46.4
 169 12.7 10.7 16.1



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

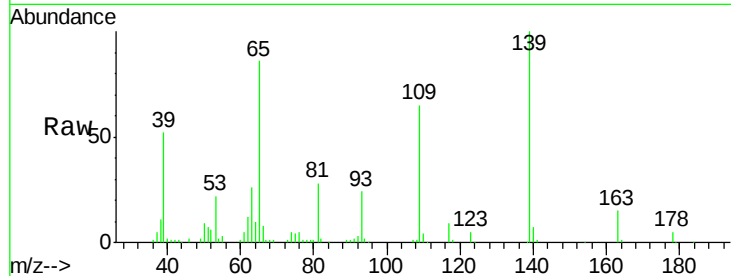




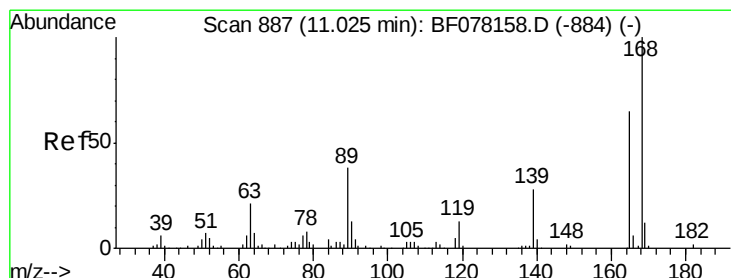
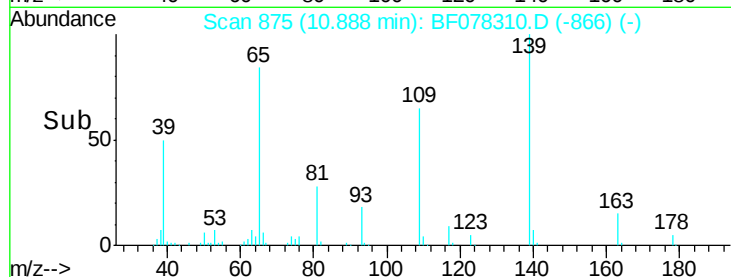
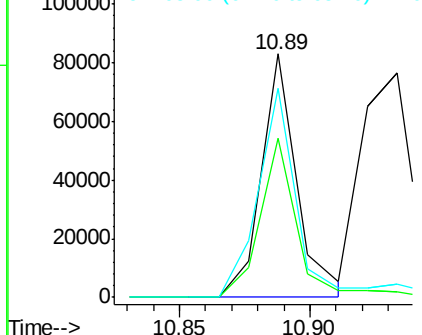
#55
4-Nitrophenol
Concen: 90.15 ng
RT: 10.89 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampled :
FD-2MSD

Tot Ion:139 Resp: 78825
Ion Ratio Lower Upper
139 100
109 65.2 36.7 76.7
65 86.0 49.9 89.9

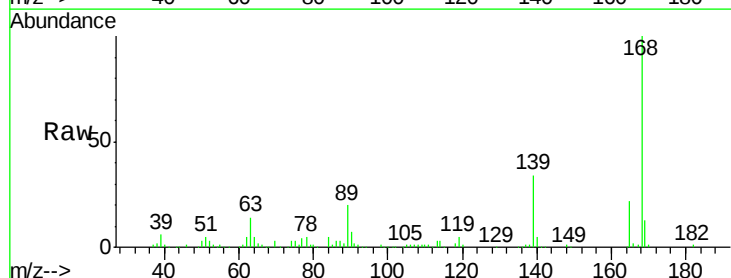


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

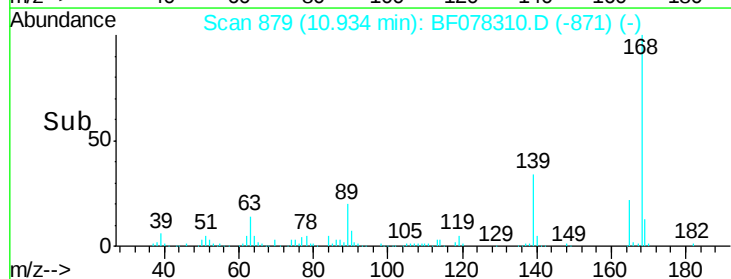
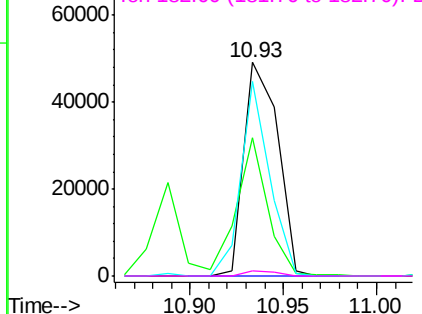


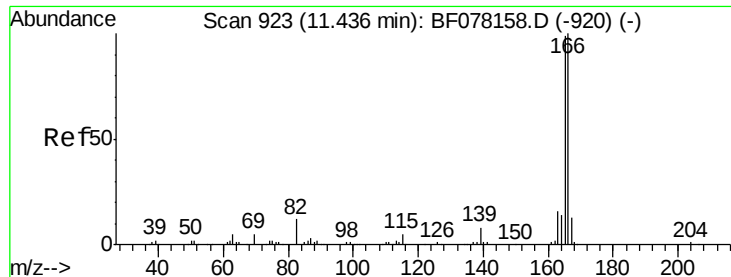
#56
2,4-Dinitrotoluene
Concen: 46.04 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:165 Resp: 62019
Ion Ratio Lower Upper
165 100
63 64.8 26.5 39.7#
89 91.0 46.4 69.6#
182 2.4 2.0 3.0



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

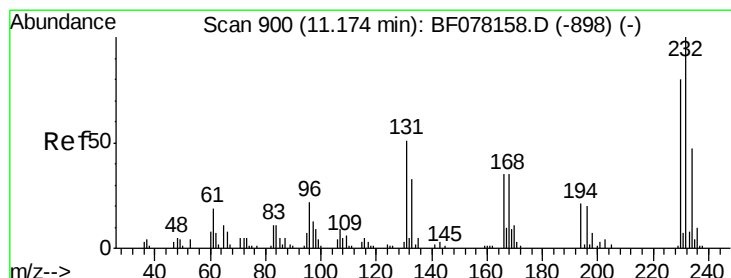
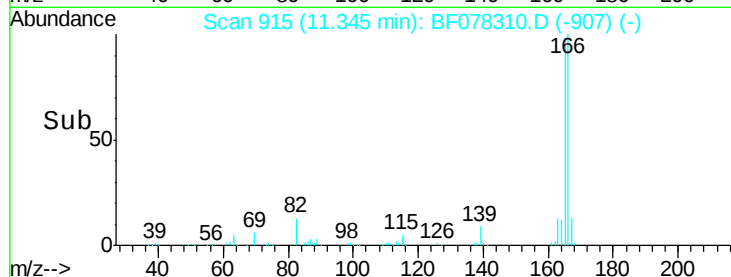
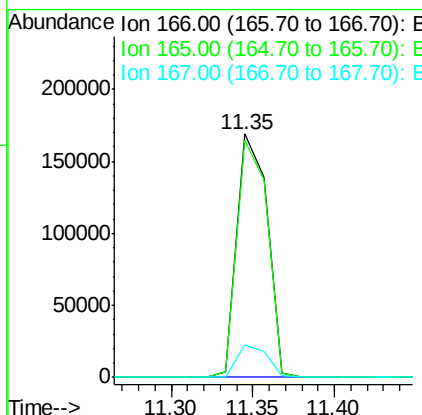
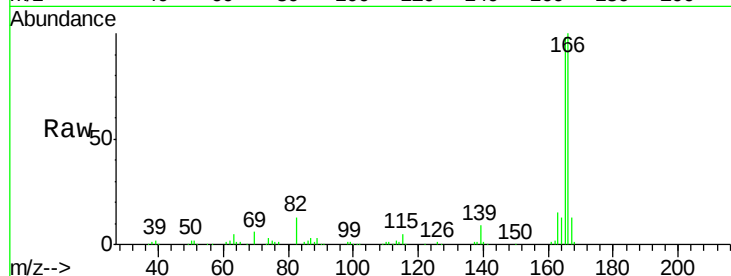




#57
 Fluorene
 Concen: 44.31 ng
 RT: 11.35 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

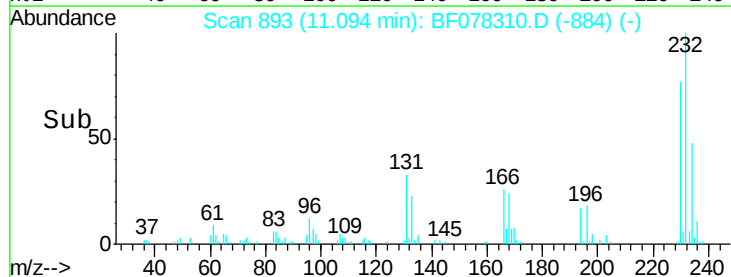
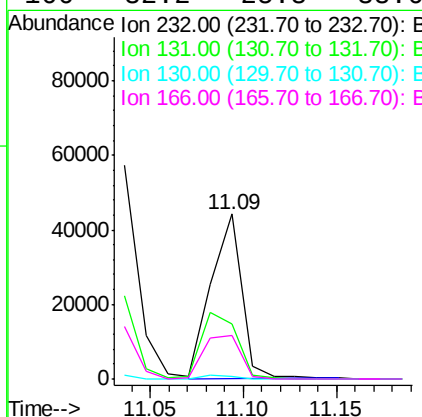
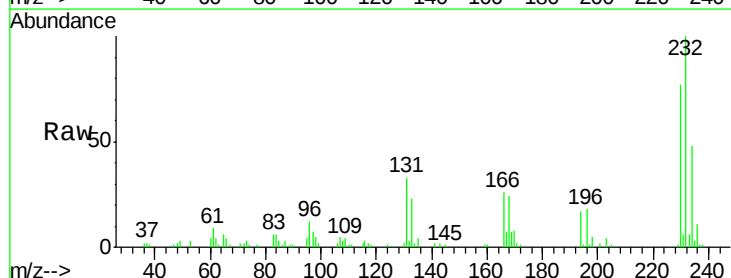
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

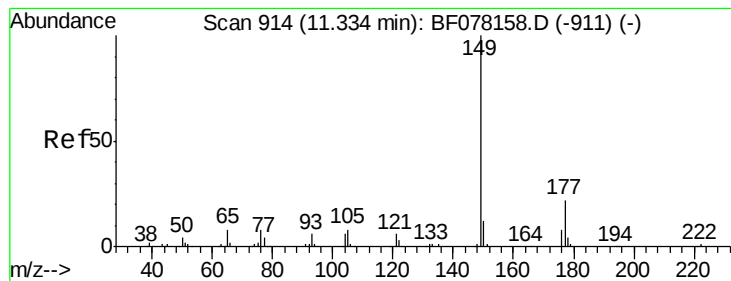
Tot Ion:166 Resp: 216033
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.9 118.3
 167 13.3 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.50 ng
 RT: 11.09 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:232 Resp: 50414
 Ion Ratio Lower Upper
 232 100
 131 47.2 37.8 56.8
 130 2.3 1.5 2.3#
 166 32.2 25.8 38.6





#59

Diethylphthalate

Concen: 44.65 ng

RT: 11.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

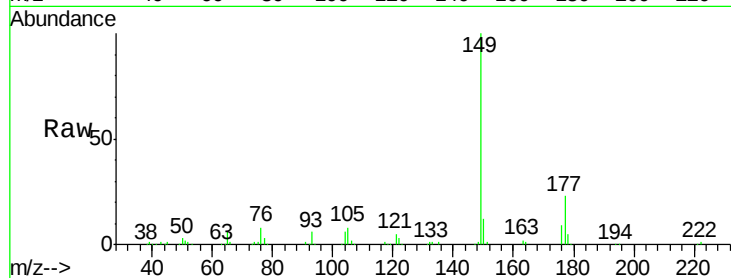
Tot Ion:149 Resp: 217685

Ion Ratio Lower Upper

149 100

177 22.6 17.4 26.2

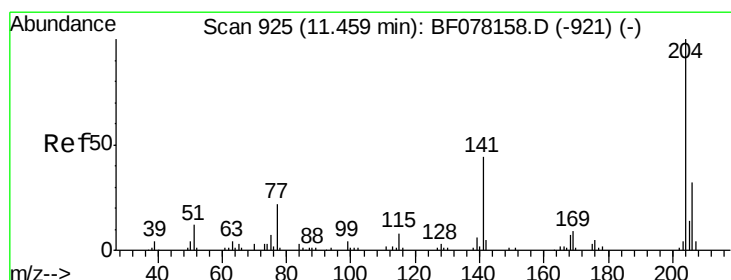
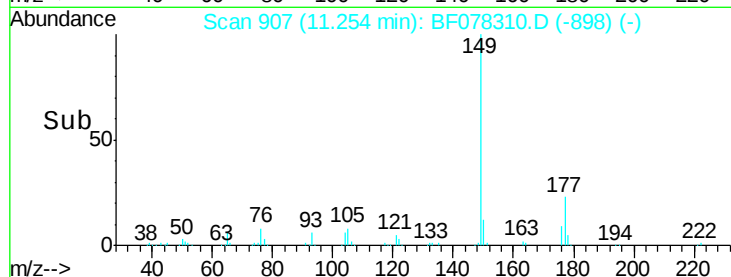
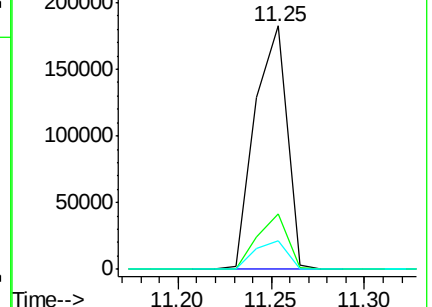
150 12.0 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.56 ng

RT: 11.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

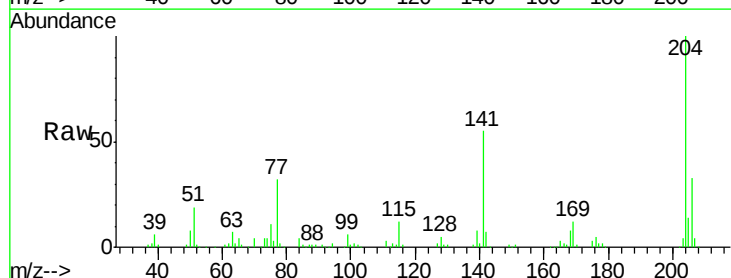
Tgt Ion:204 Resp: 99925

Ion Ratio Lower Upper

204 100

206 33.3 25.6 38.4

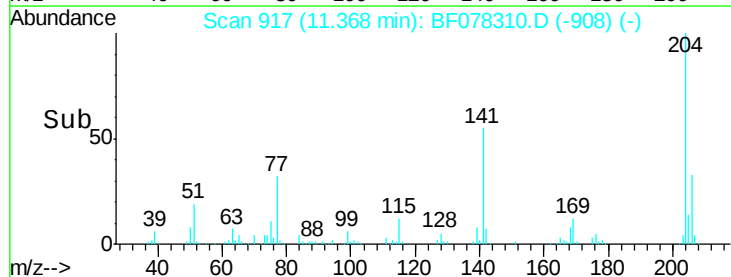
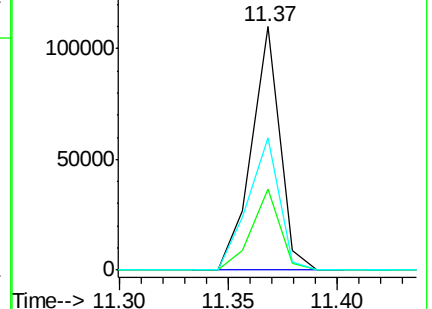
141 54.5 35.4 53.0#

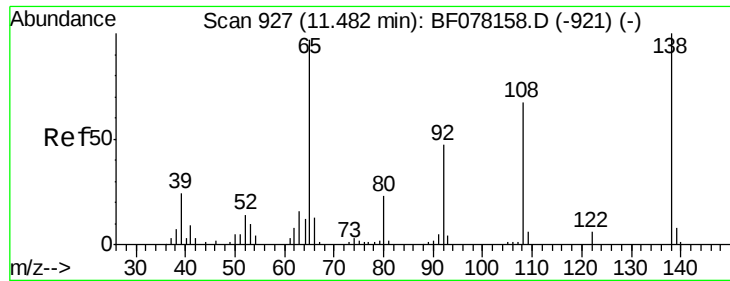


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

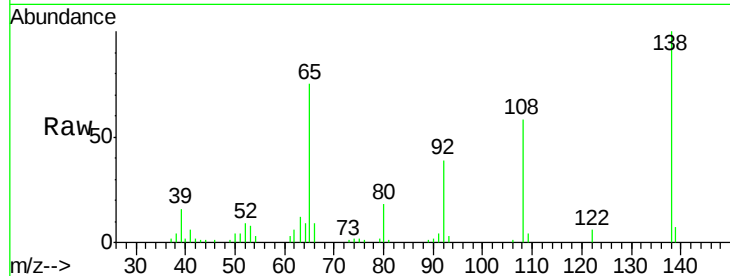




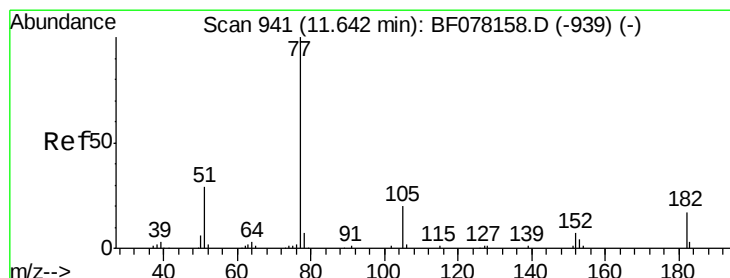
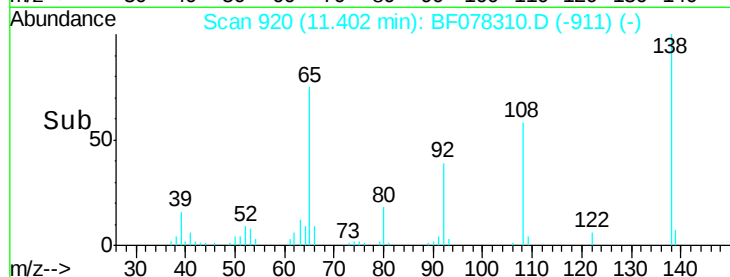
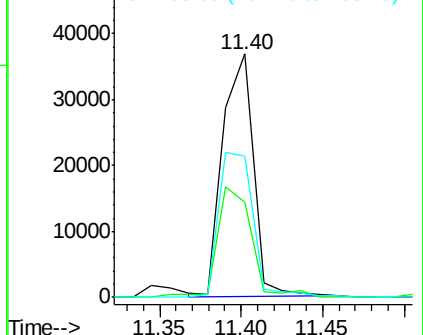
#61
4-Nitroaniline
Concen: 39.59 ng
RT: 11.40 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tot Ion:138 Resp: 47339
Ion Ratio Lower Upper
138 100
92 39.3 27.3 67.3
108 58.1 47.2 87.2

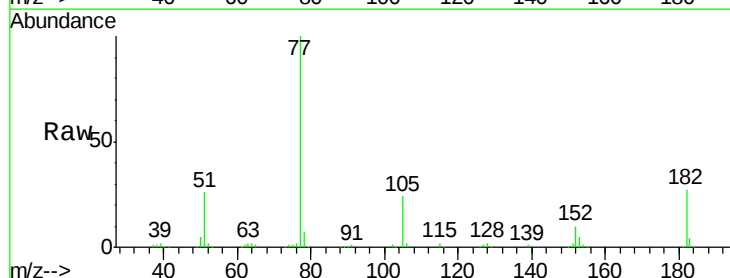


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

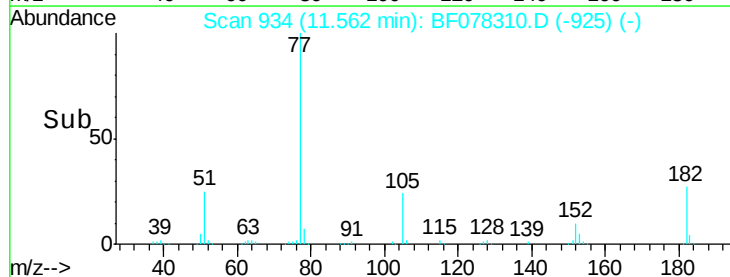
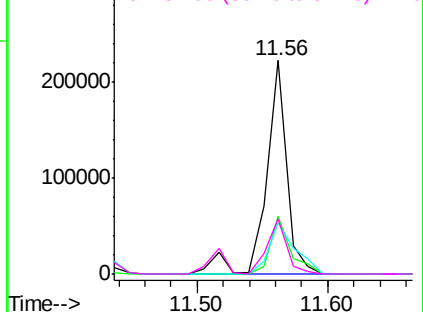


#62
Azobenzene
Concen: 55.84 ng
RT: 11.56 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion: 77 Resp: 248422
Ion Ratio Lower Upper
77 100
182 26.7 0.0 36.8
105 24.0 0.3 40.3
51 25.6 9.1 49.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

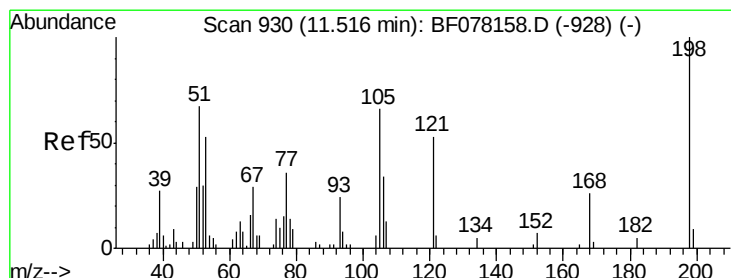
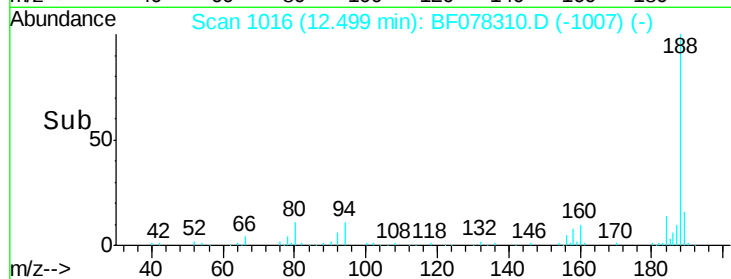
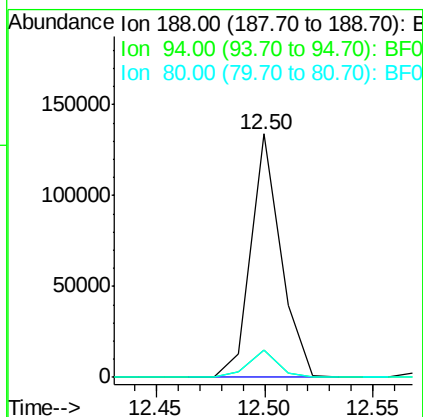
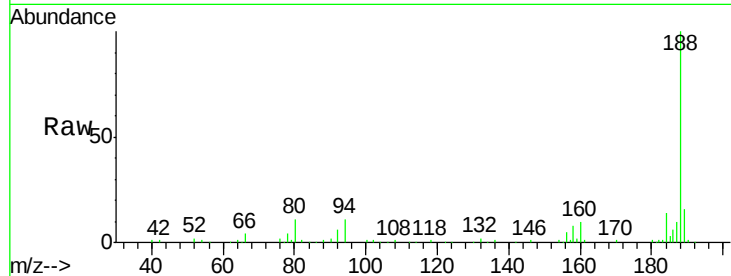




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

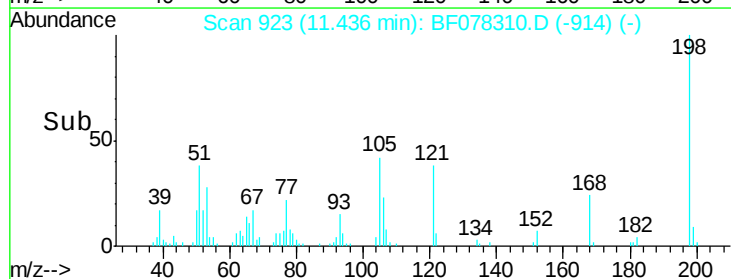
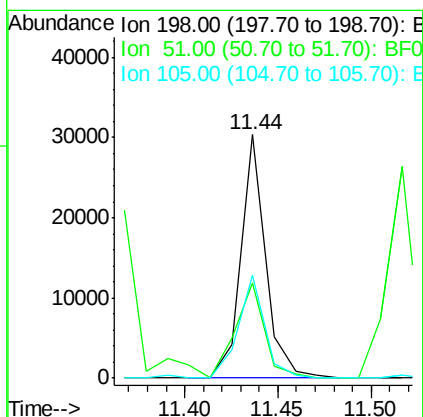
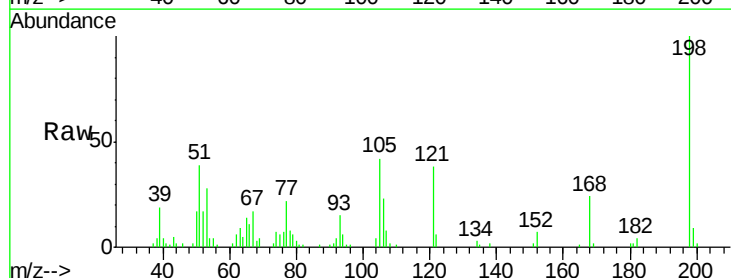
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tot Ion:188 Resp: 128234
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.0 13.4
 80 11.3 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.77 ng
 RT: 11.44 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:198 Resp: 28055
 Ion Ratio Lower Upper
 198 100
 51 38.9 48.6 88.6#
 105 42.0 45.8 85.8#

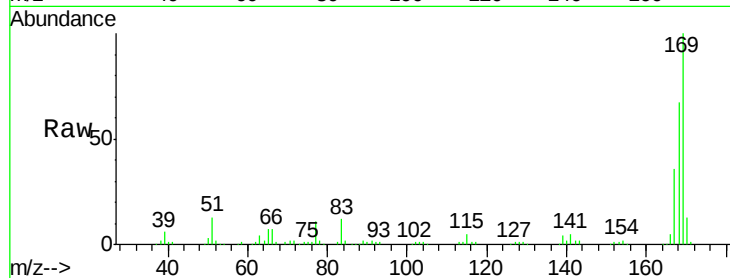




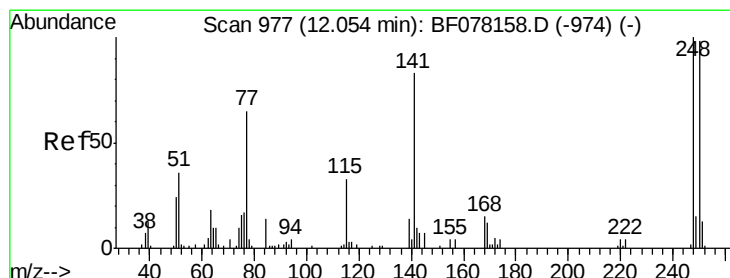
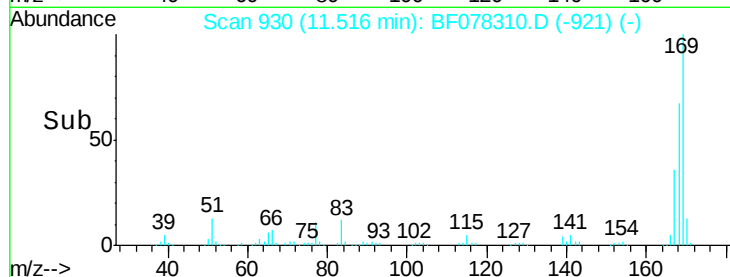
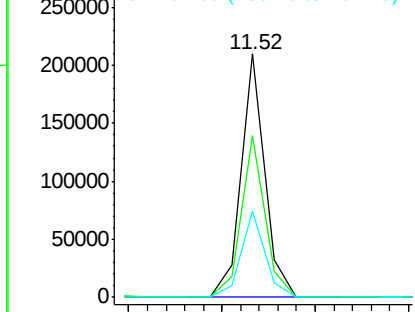
#65
 n-Nitrosodiphenylamine
 Concen: 41.89 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampled :
 FD-2MSD

Tot Ion:169 Resp: 185798
 Ion Ratio Lower Upper
 169 100
 168 66.6 55.0 82.4
 167 35.6 29.3 43.9

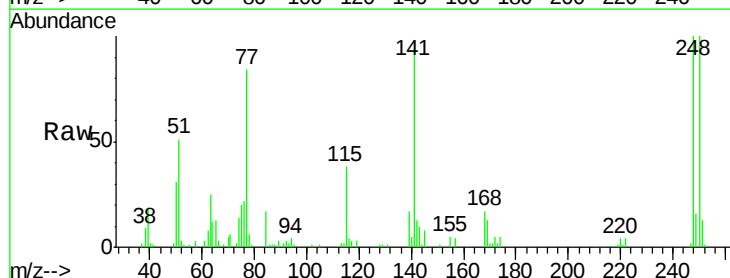


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

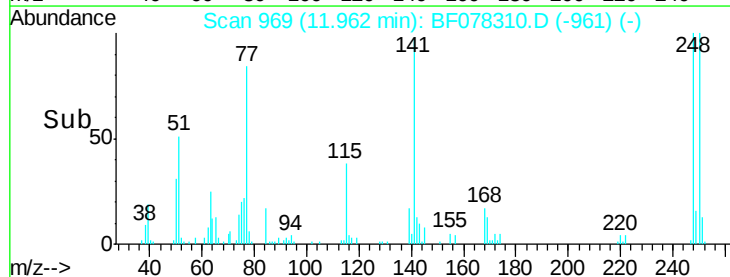
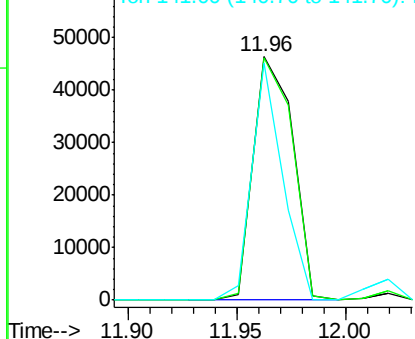


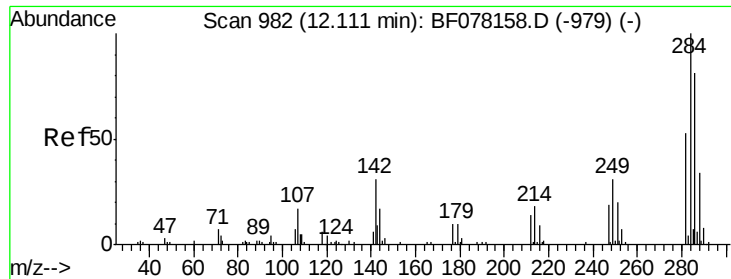
#66
 4-Bromophenyl-phenylether
 Concen: 43.55 ng
 RT: 11.96 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:248 Resp: 59148
 Ion Ratio Lower Upper
 248 100
 250 99.7 78.2 117.2
 141 97.4 66.4 99.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

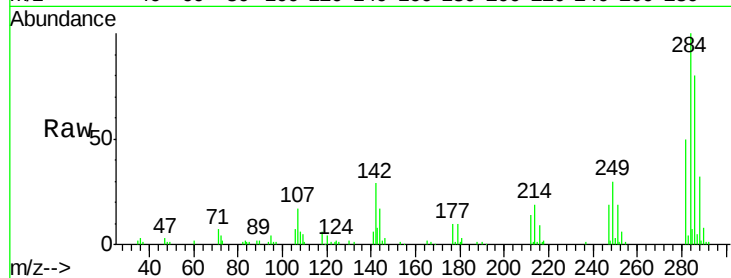




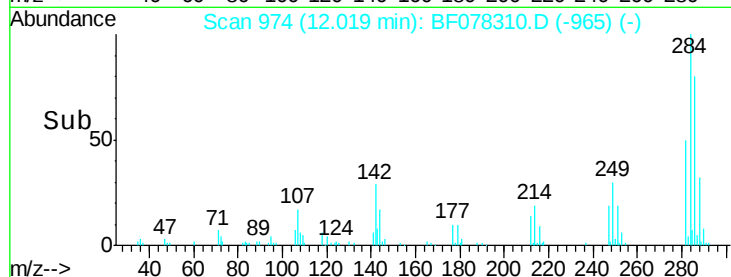
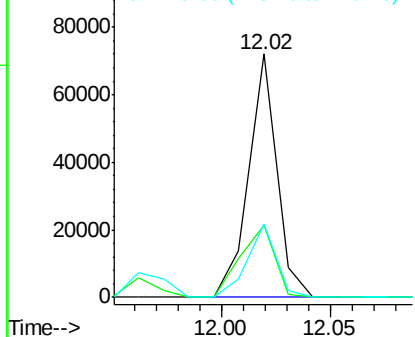
#67
Hexachlorobenzene
Concen: 43.73 ng
RT: 12.02 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tot Ion:284 Resp: 65082
Ion Ratio Lower Upper
284 100
142 29.5 24.5 36.7
249 30.2 24.8 37.2

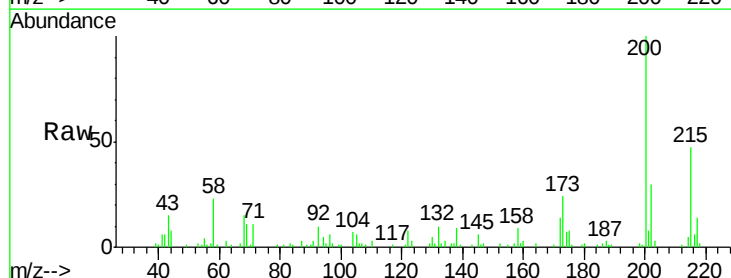


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

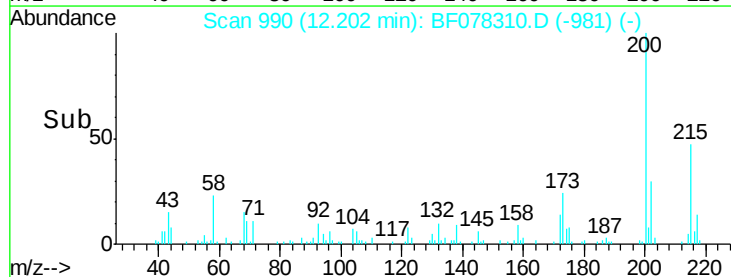
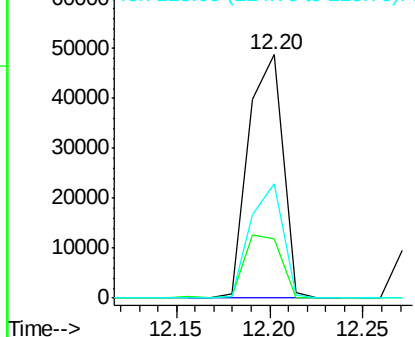


#68
Atrazine
Concen: 48.35 ng
RT: 12.20 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:200 Resp: 62122
Ion Ratio Lower Upper
200 100
173 24.3 6.9 46.9
215 47.0 27.1 67.1



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

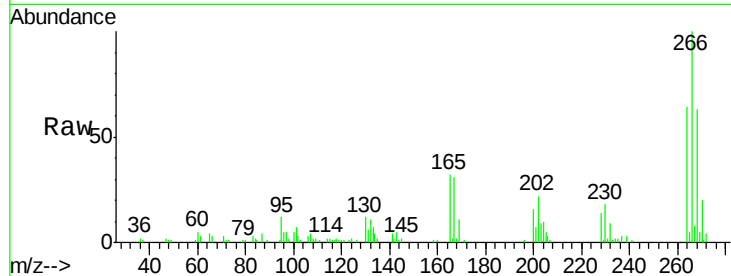




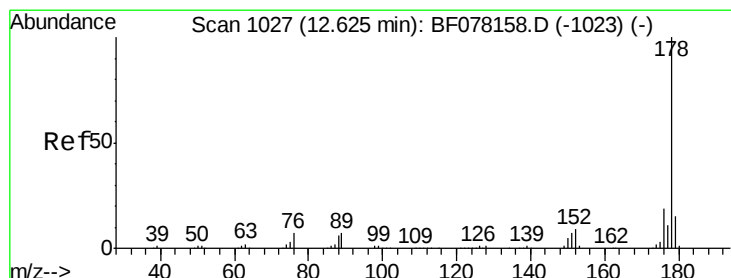
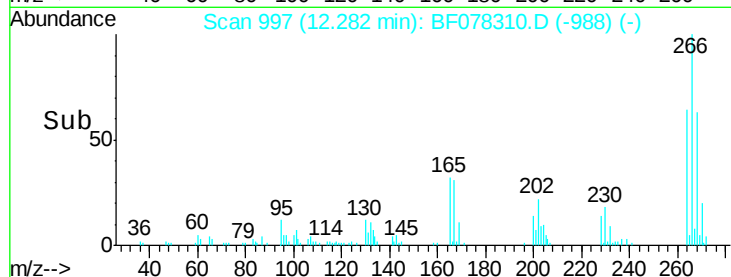
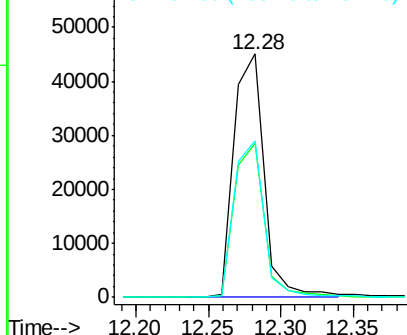
#69
 Pentachlorophenol
 Concen: 97.36 ng
 RT: 12.28 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tot Ion:266 Resp: 65479
 Ion Ratio Lower Upper
 266 100
 268 63.2 50.1 75.1
 264 64.3 50.0 75.0

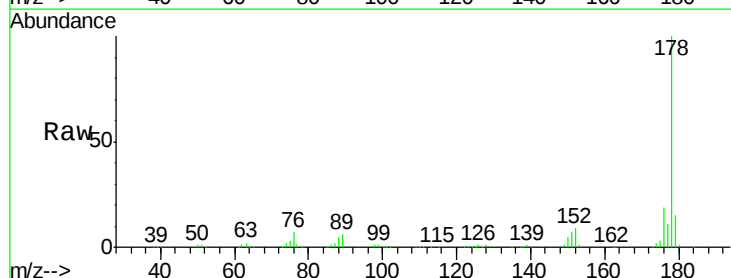


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

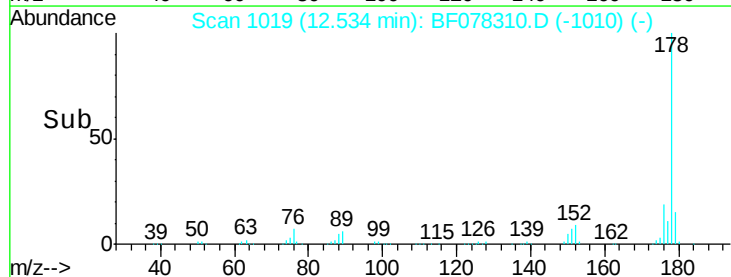
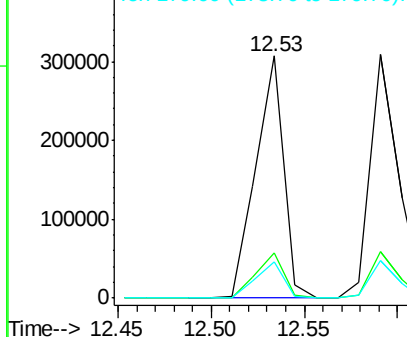


#70
 Phenanthrene
 Concen: 43.33 ng
 RT: 12.53 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:178 Resp: 321426
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.1 12.2 18.2



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

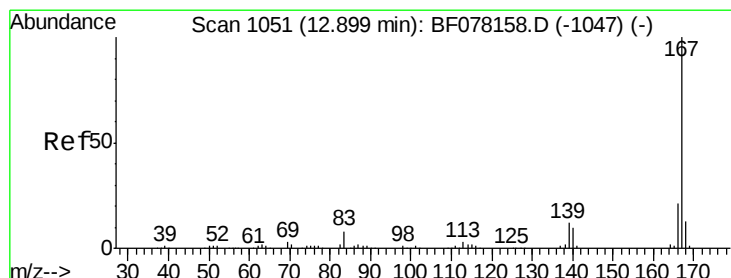
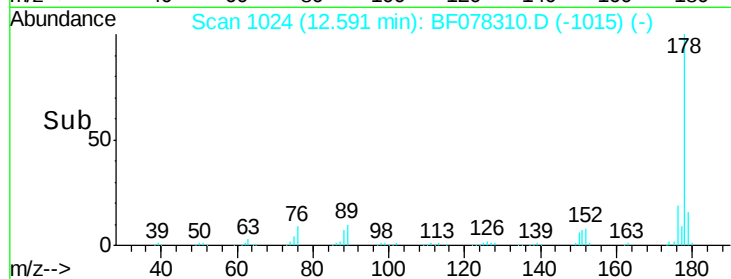
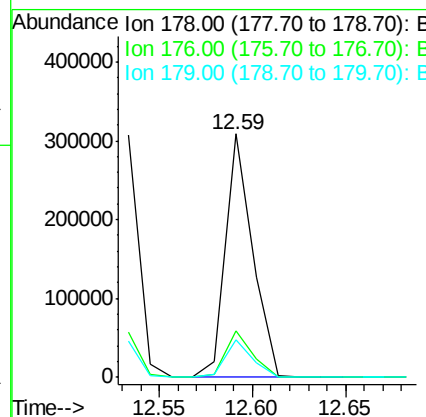
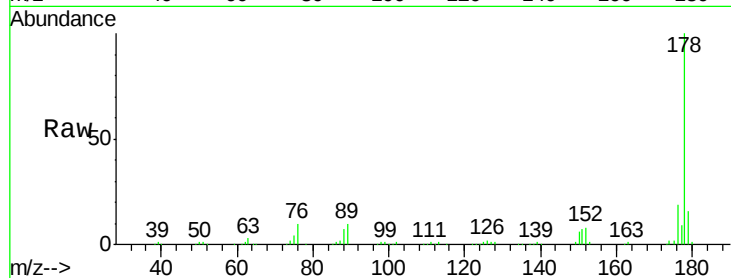




#71
 Anthracene
 Concen: 43.12 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

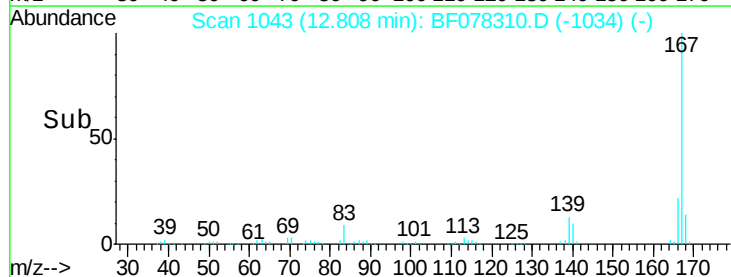
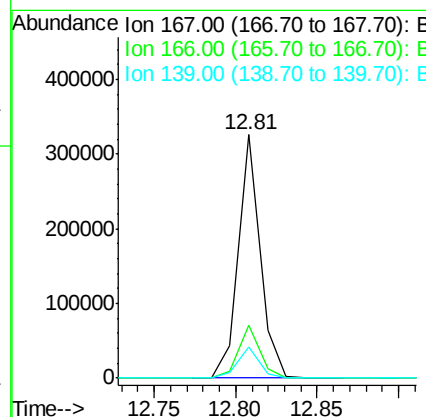
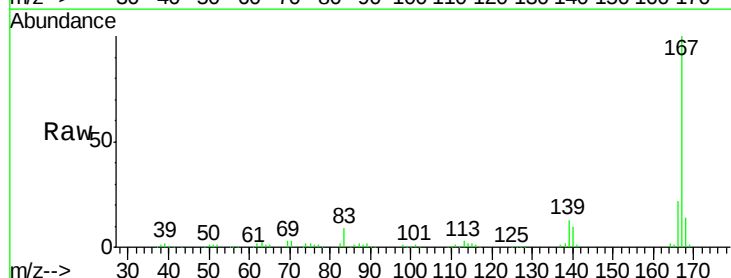
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

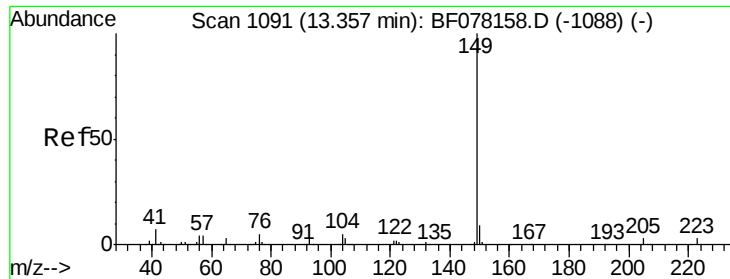
Tot Ion:178 Resp: 315172
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.8 22.2
 179 15.7 12.4 18.6



#72
 Carbazole
 Concen: 43.90 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:167 Resp: 300714
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 13.0 10.0 15.0

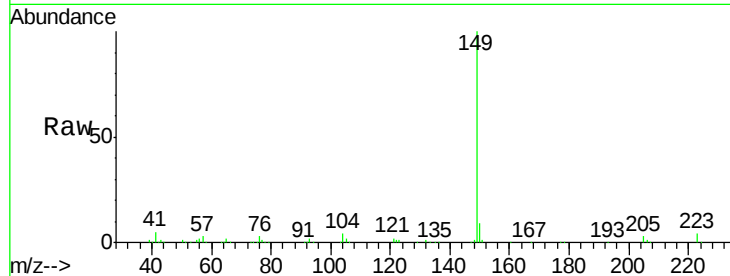




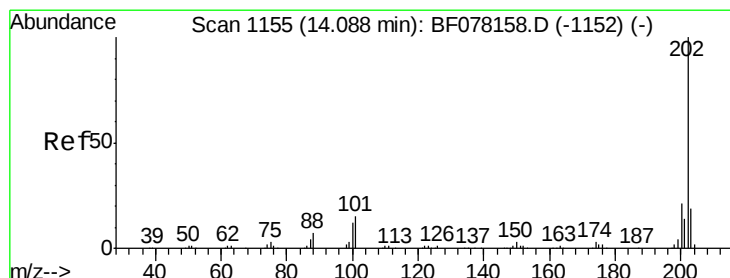
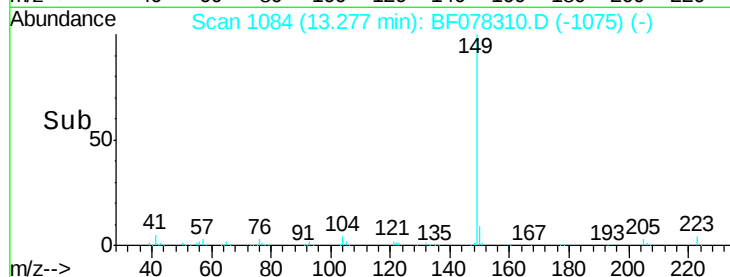
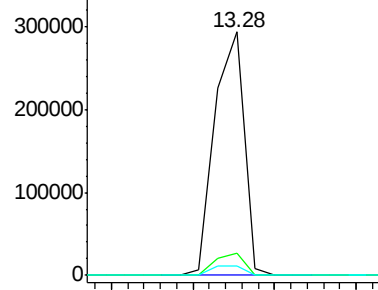
#73
Di-n-butylphthalate
Concen: 47.24 ng
RT: 13.28 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tot Ion:149 Resp: 366594
Ion Ratio Lower Upper
149 100
150 8.9 7.1 10.7
104 3.9 3.8 5.6

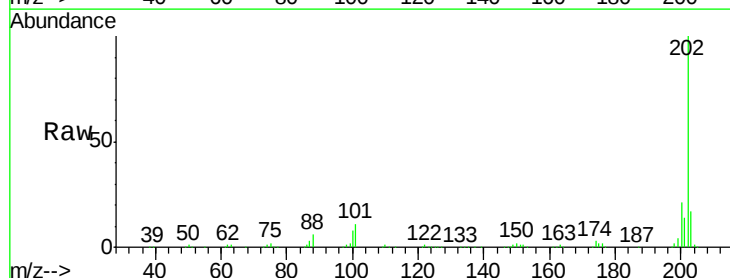


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

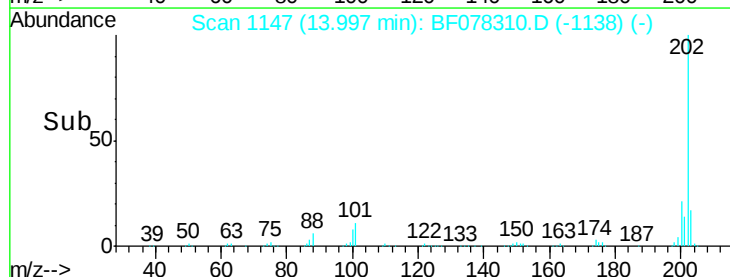
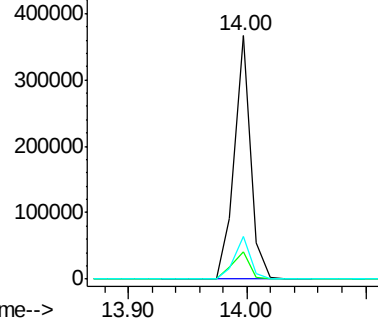


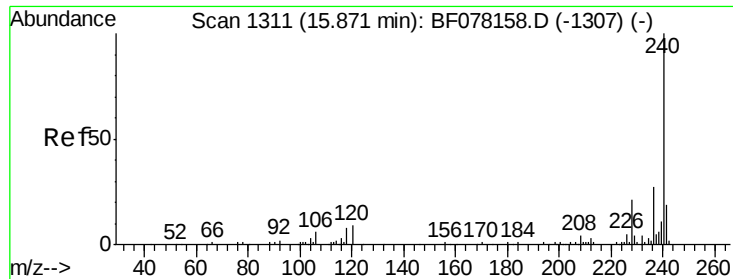
#74
Fluoranthene
Concen: 45.26 ng
RT: 14.00 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:202 Resp: 354051
Ion Ratio Lower Upper
202 100
101 11.3 0.0 35.2
203 17.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

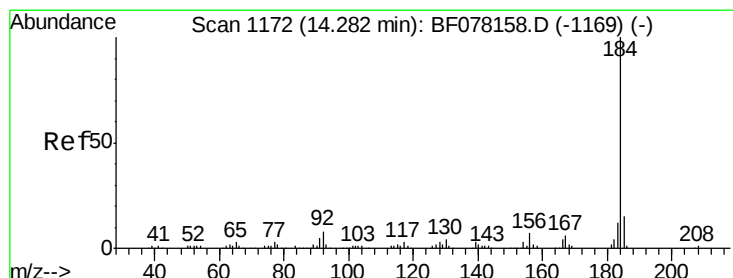
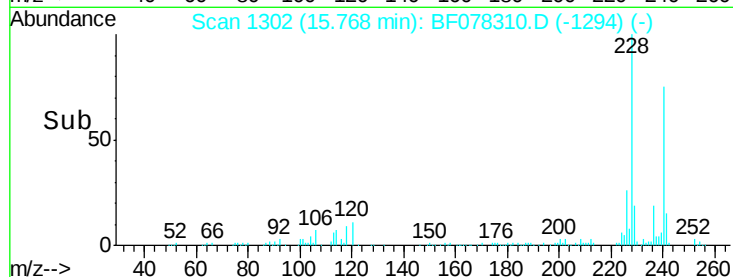
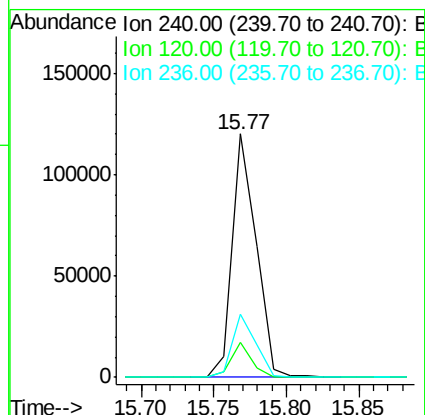
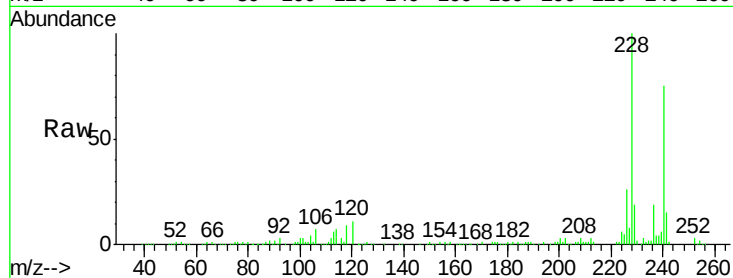




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.77 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

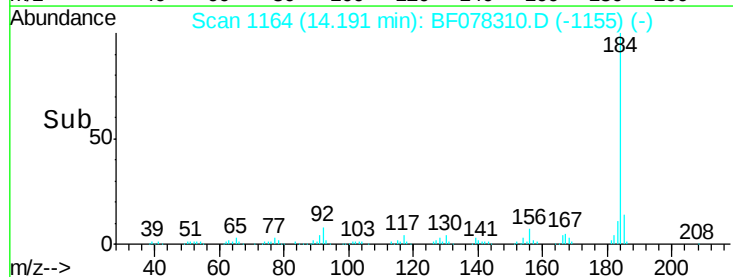
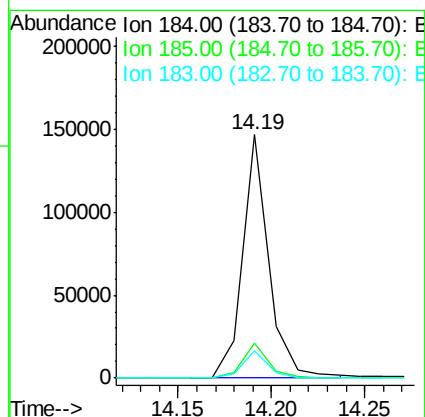
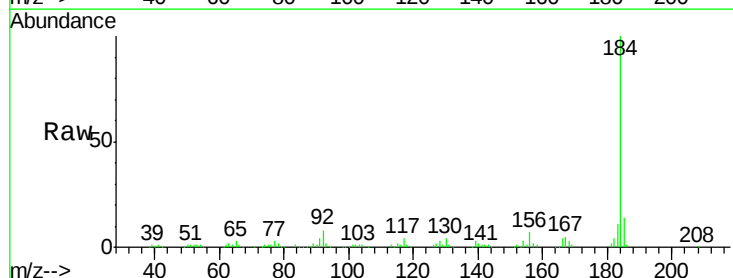
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

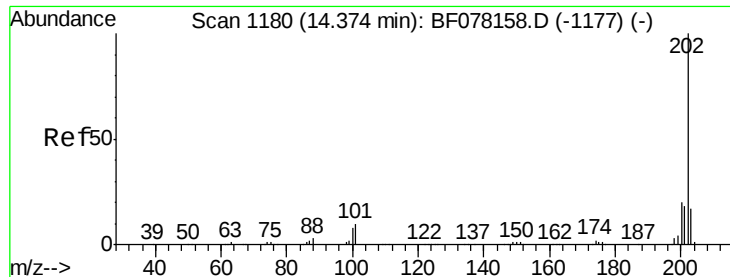
Tot Ion:240 Resp: 137664
 Ion Ratio Lower Upper
 240 100
 120 14.4 7.1 10.7#
 236 25.8 21.4 32.2



#76
 Benzidine
 Concen: 27.06 ng
 RT: 14.19 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:184 Resp: 143447
 Ion Ratio Lower Upper
 184 100
 185 14.3 12.2 18.2
 183 11.2 9.5 14.3

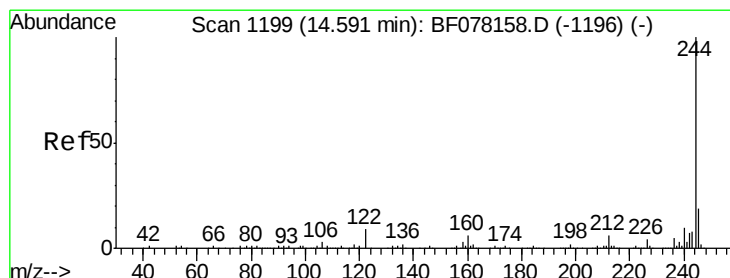
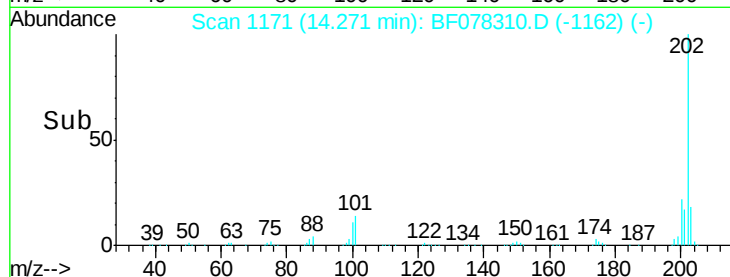
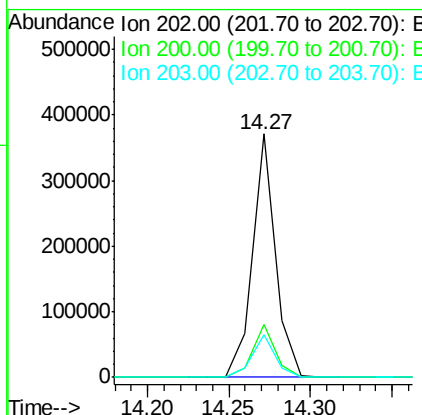
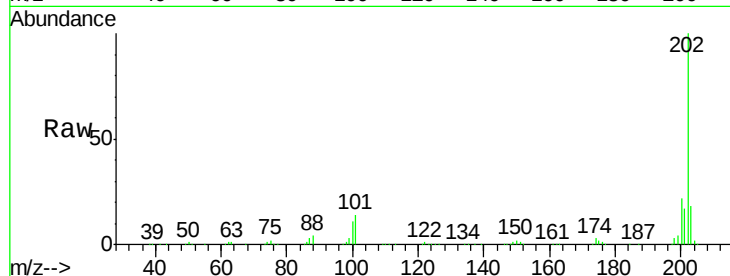




#77
Pvrene
Concen: 41.98 ng
RT: 14.27 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

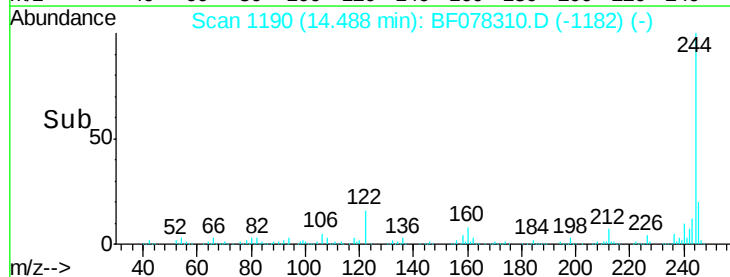
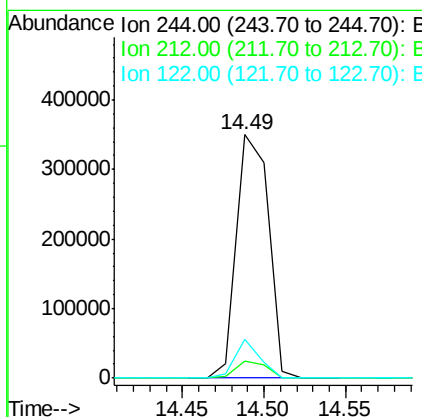
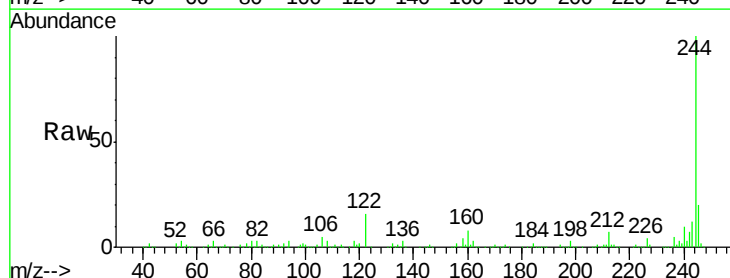
Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.3	24.5
203	17.6	13.8	20.6



#78
Terphenyl-d14
Concen: 77.90 ng
RT: 14.49 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	16.2	7.1	10.7#

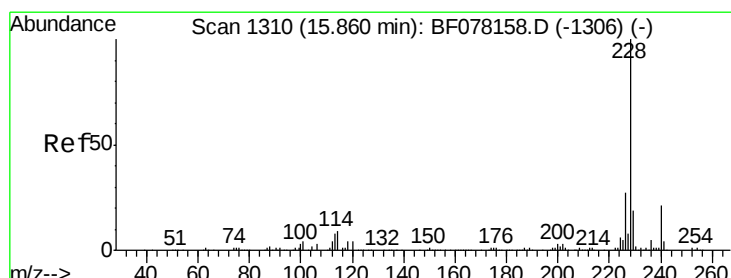
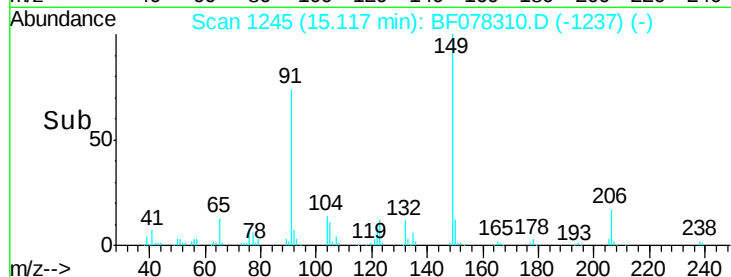
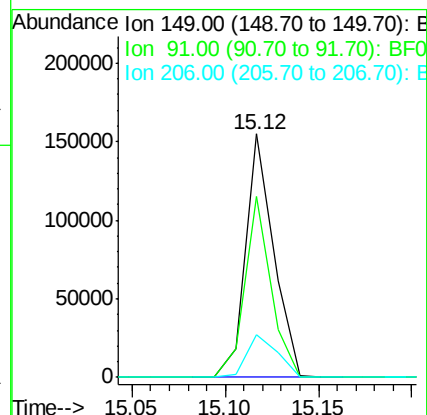
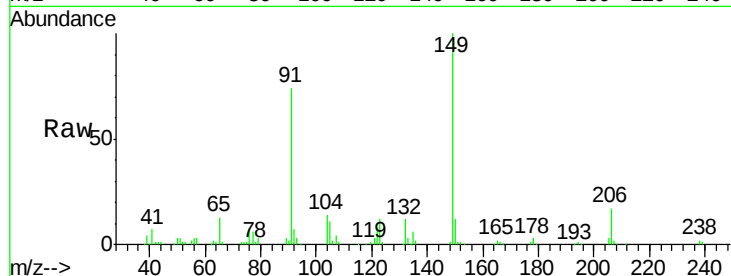




#79
Butylbenzylphthalate
Concen: 49.17 ng
RT: 15.12 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

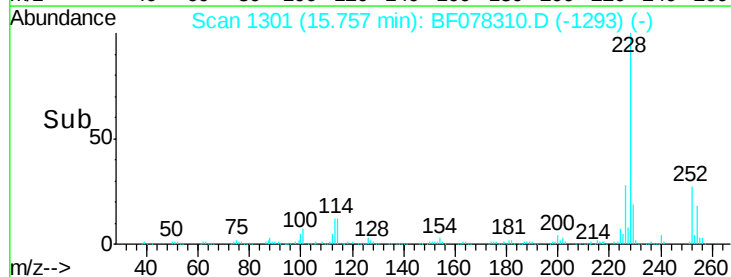
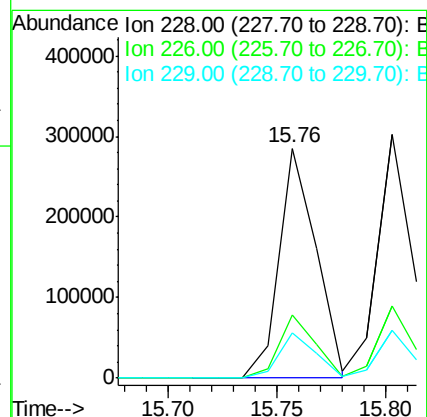
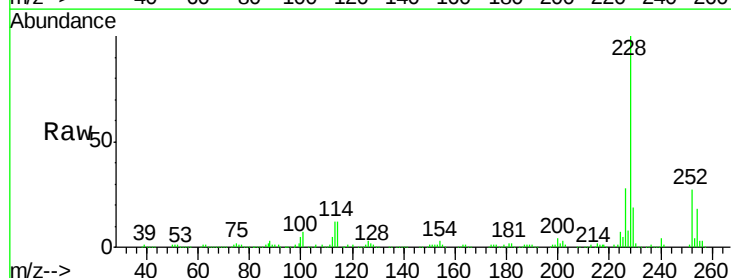
Instrument :
BNA_F
ClientSampleId :
FD-2MSD

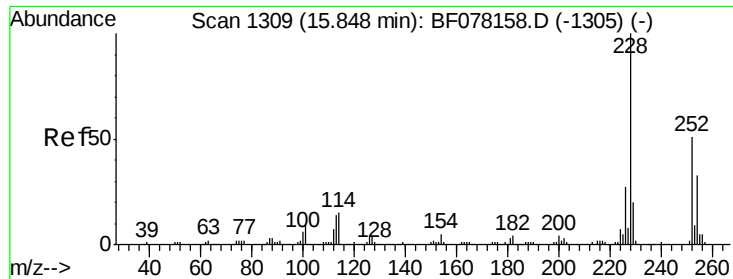
Tot Ion:149 Resp: 161943
Ion Ratio Lower Upper
149 100
91 74.2 64.2 96.2
206 17.5 12.6 18.8



#80
Benzo(a)anthracene
Concen: 41.47 ng
RT: 15.76 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:228 Resp: 339691
Ion Ratio Lower Upper
228 100
226 27.6 21.3 31.9
229 19.4 15.4 23.2

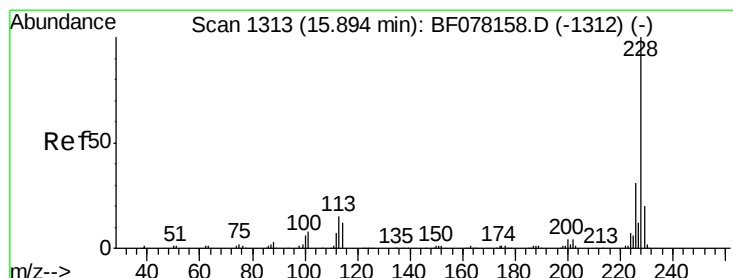
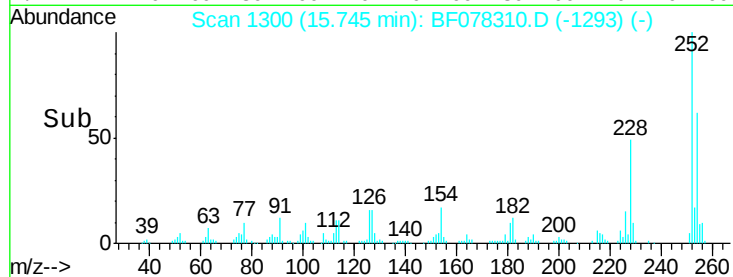
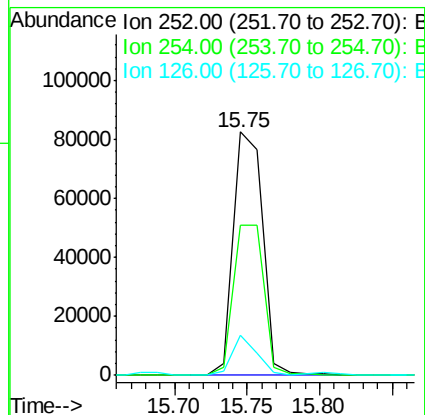
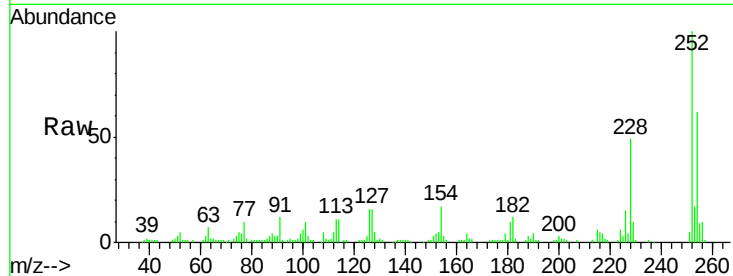




#81
 3,3'-Dichlorobenzidine
 Concen: 42.27 ng
 RT: 15.75 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

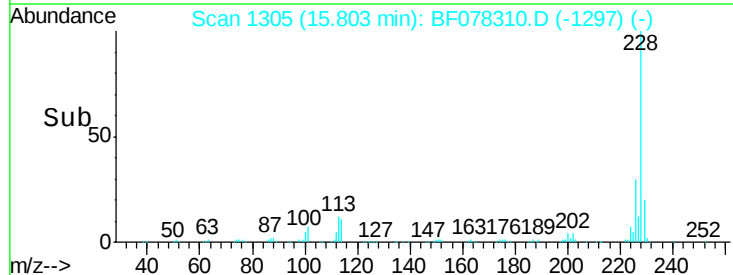
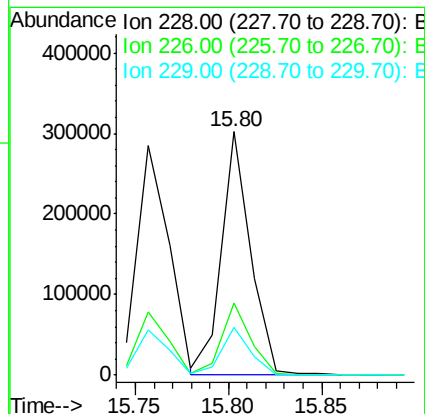
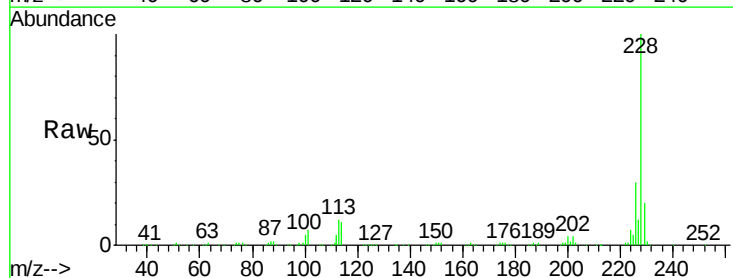
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tot Ion:252 Resp: 115947
 Ion Ratio Lower Upper
 252 100
 254 61.7 51.2 76.8
 126 16.3 6.3 9.5#



#82
 Chrysene
 Concen: 42.48 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:228 Resp: 326934
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.4
 229 19.9 15.8 23.8

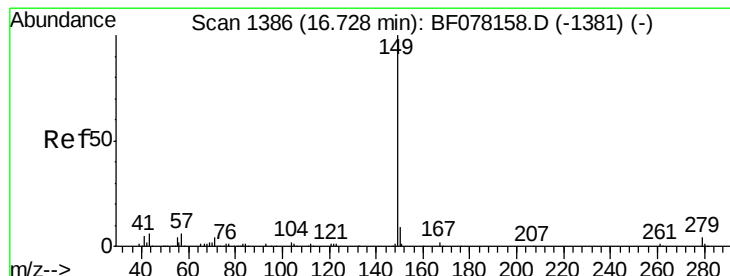
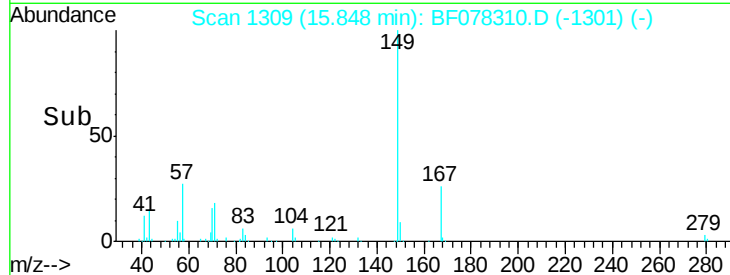
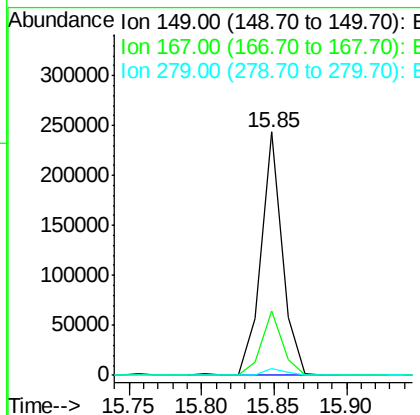
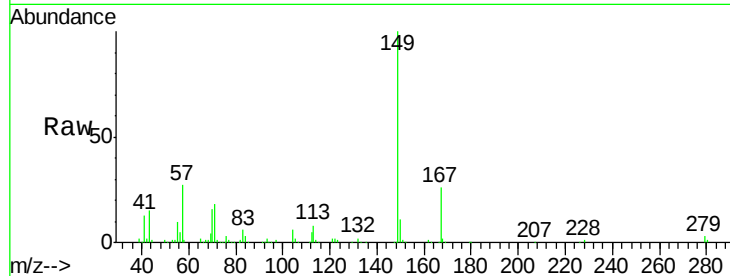




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.17 ng
 RT: 15.85 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

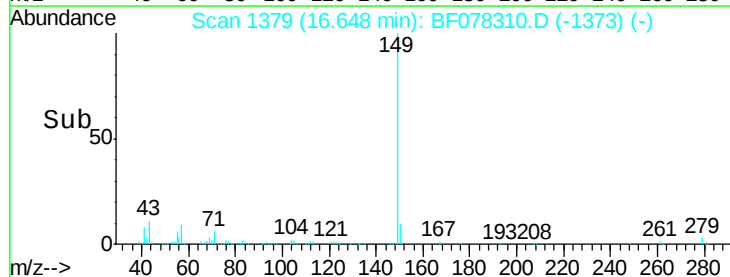
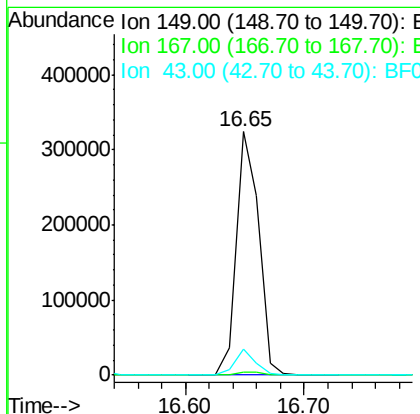
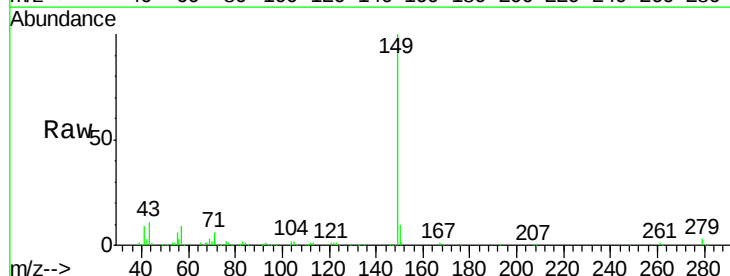
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

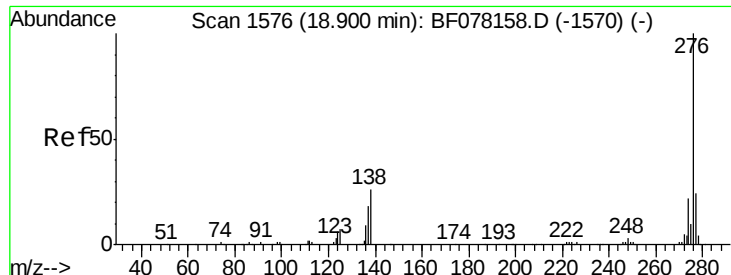
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.2	33.2
279	2.9	3.2	4.8#



#84
 Di-n-octyl phthalate
 Concen: 50.16 ng
 RT: 16.65 min Scan# 1379
 Delta R.T. -0.03 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.1	0.0	0.0#

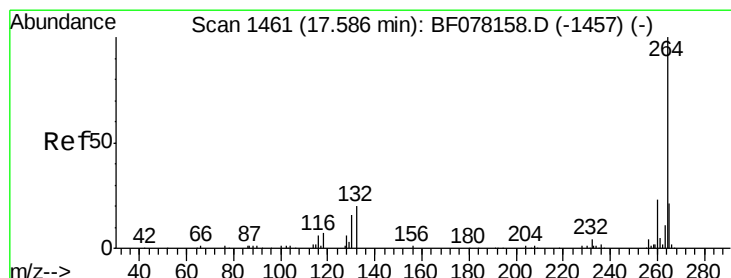
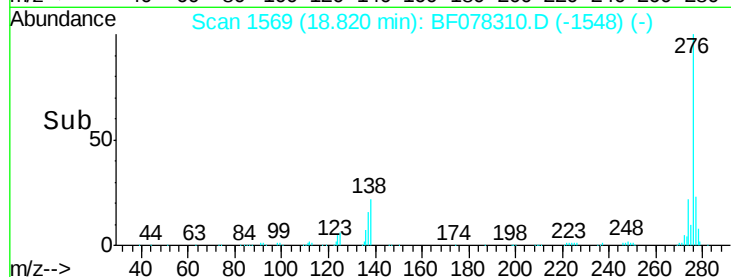
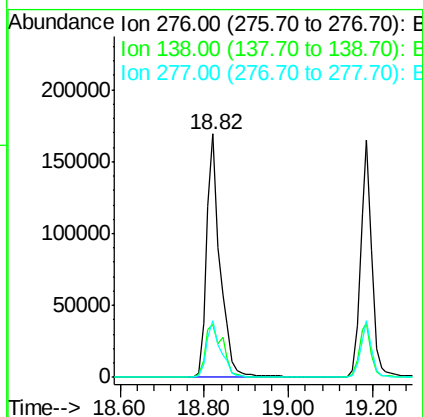
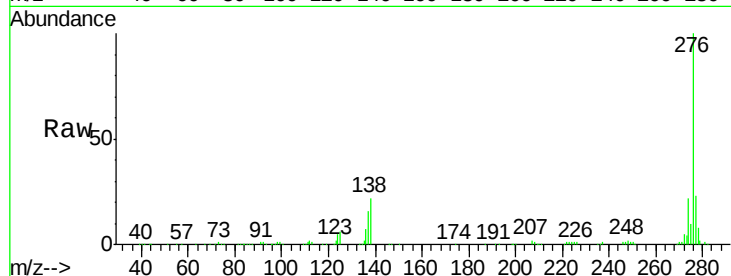




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.09 ng
 RT: 18.82 min Scan# 1569
 Delta R.T. -0.06 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

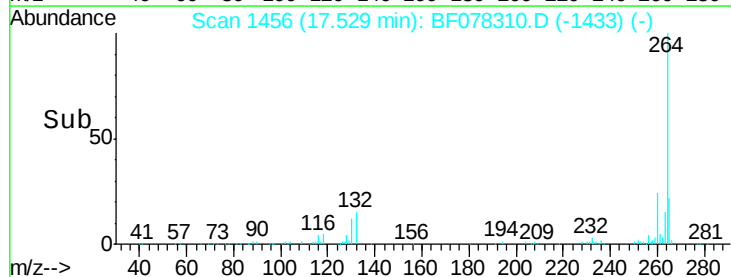
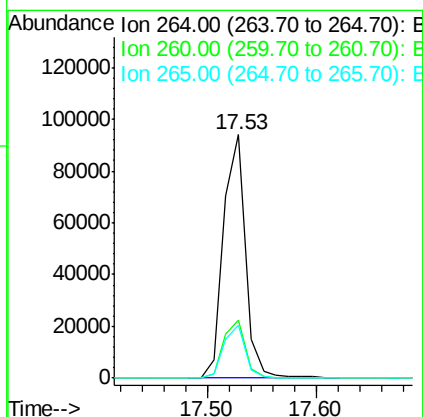
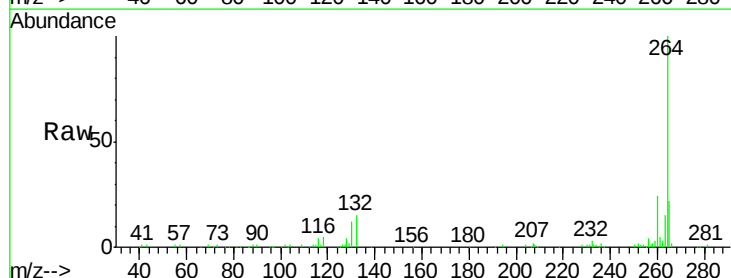
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tot Ion:276 Resp: 376292
 Ion Ratio Lower Upper
 276 100
 138 28.9 16.9 25.3#
 277 24.5 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.53 min Scan# 1456
 Delta R.T. -0.03 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:264 Resp: 131654
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.5 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 45.61 ng

RT: 17.07 min Scan# 1416

Delta R.T. -0.03 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

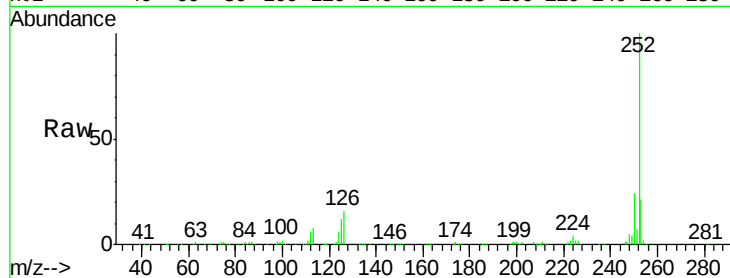
Tot Ion:252 Resp: 371126

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

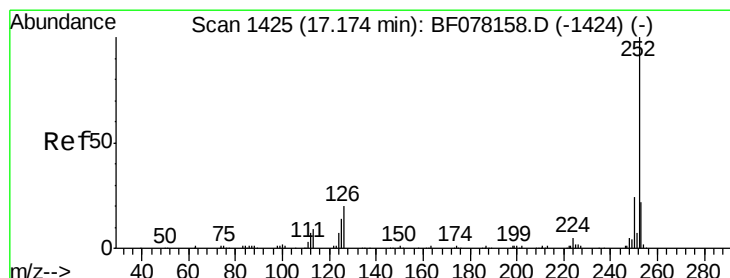
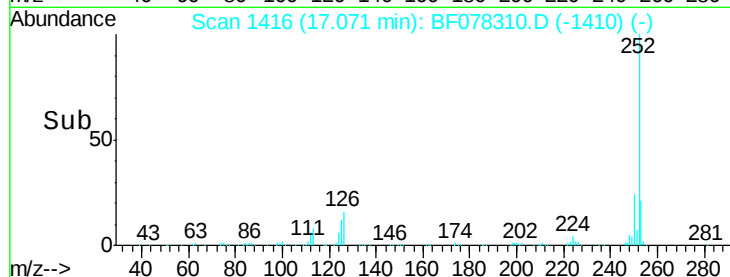
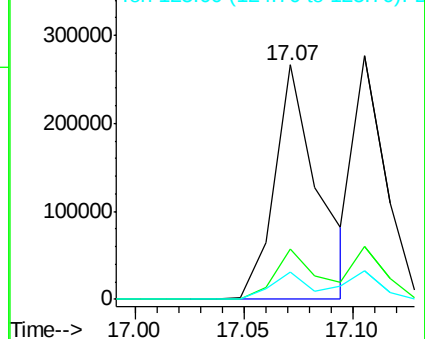
125 11.8 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.06 ng m

RT: 17.11 min Scan# 1419

Delta R.T. -0.03 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

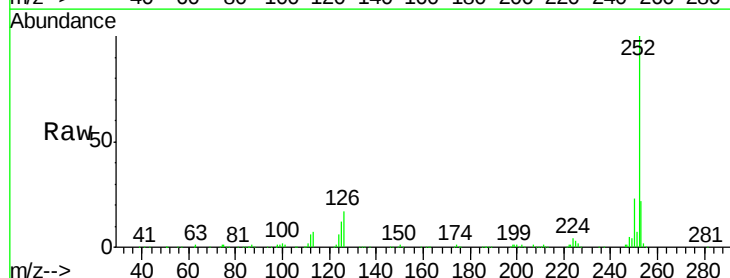
Tgt Ion:252 Resp: 282408

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

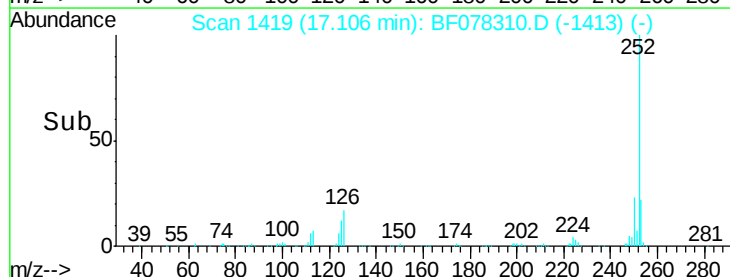
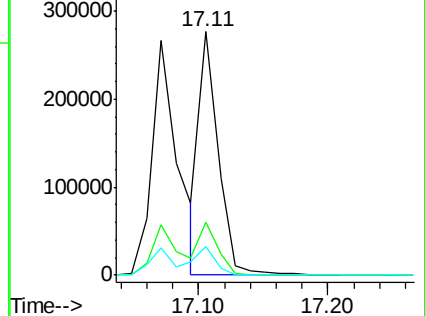
125 11.6 11.6 17.4#

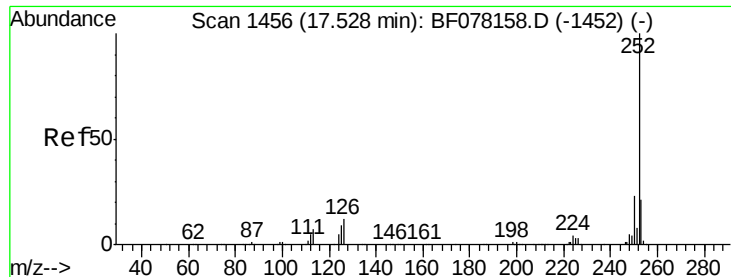


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.84 ng

RT: 17.46 min Scan# 1450

Delta R.T. -0.03 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

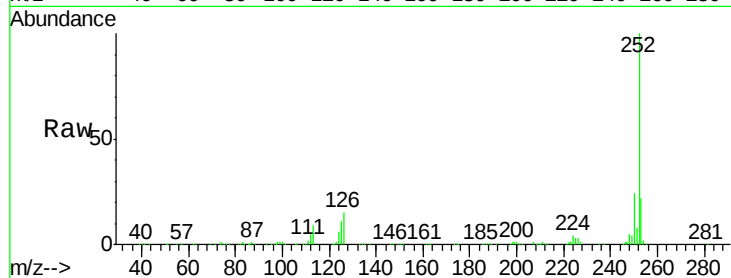
Tot Ion:252 Resp: 318419

Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

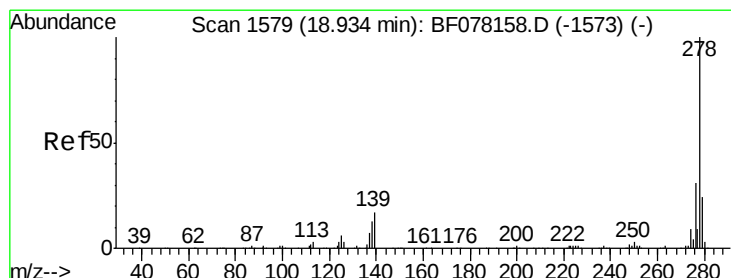
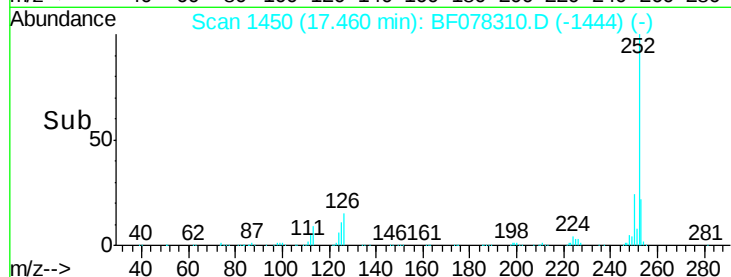
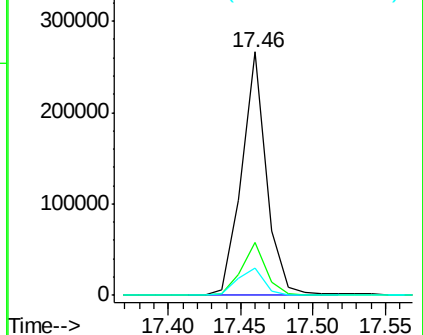
125 11.3 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.02 ng

RT: 18.84 min Scan# 1571

Delta R.T. -0.06 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

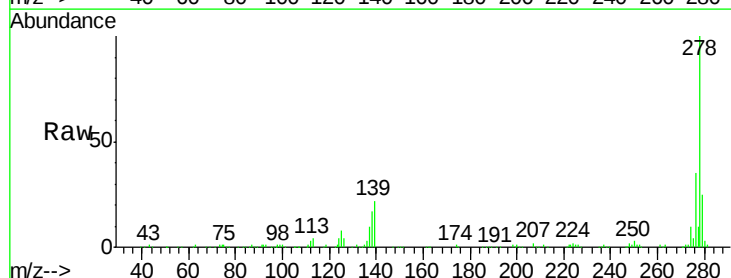
Tgt Ion:278 Resp: 298732

Ion Ratio Lower Upper

278 100

139 21.8 13.6 20.4#

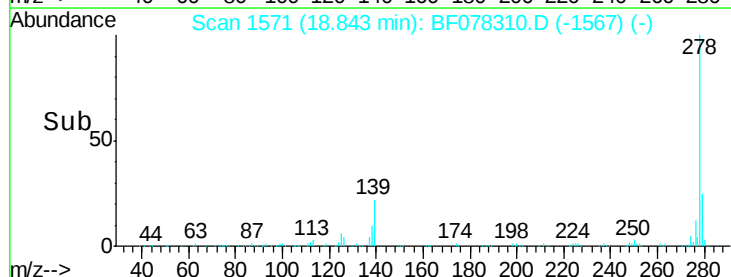
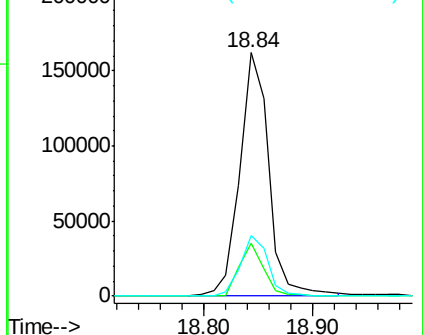
279 25.0 19.0 28.6

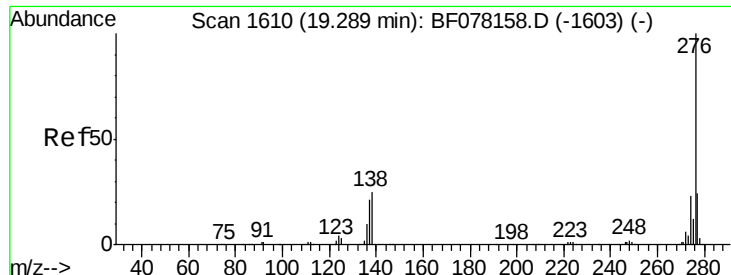


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.60 ng

RT: 19.19 min Scan# 1601

Delta R.T. -0.06 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

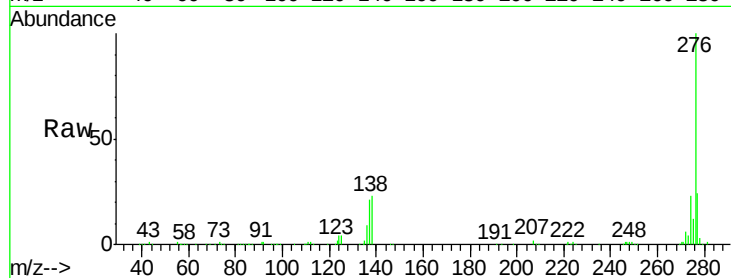
Tot Ion: 276 Resp: 303645

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 23.1 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

