

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078315.D
 Acq On : 7 Apr 2015 23:22
 Operator : TP/IZ
 Sample : PB82571BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Quant Time: Apr 08 02:18:30 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	28647	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	119903	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	60305	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	116511	20.00	ng	0.00
75) Chrysene-d12	15.77	240	121957	20.00	ng	-0.01
86) Perylene-d12	17.44	264	116708	20.00	ng	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	259779	149.52	ng	0.01
7) Phenol-d6	6.53	99	330387	151.73	ng	0.00
23) Nitrobenzene-d5	7.63	82	186486	94.27	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	81054	162.06	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	407638	96.62	ng	0.00
78) Terphenyl-d14	14.49	244	481365	89.19	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.77	88	29745	37.86	ng	# 96
3) Pyridine	2.37	79	100970	49.06	ng	96
4) n-Nitrosodimethylamine	2.32	42	39871m	50.33	ng	
6) Aniline	6.52	93	58717	19.02	ng	94
8) 2-Chlorophenol	6.67	128	98424	47.91	ng	91
9) Benzaldehyde	6.37	77	38337	26.56	ng	96
10) Phenol	6.54	94	124940	47.89	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	92292	49.19	ng	96
12) 1,3-Dichlorobenzene	6.85	146	106434	47.16	ng	# 92
13) 1,4-Dichlorobenzene	6.96	146	107274	47.22	ng	96
14) 1,2-Dichlorobenzene	7.14	146	100408	47.14	ng	93
15) Benzyl Alcohol	7.13	79	76896	50.25	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.31	45	121853	48.69	ng	98
17) 2-Methylphenol	7.29	107	78367	49.13	ng	95
18) Hexachloroethane	7.55	117	36940	48.22	ng	# 86
19) n-Nitroso-di-n-propylamine	7.46	70	65586	45.65	ng	# 86
20) 3+4-Methylphenols	7.49	107	104654	49.18	ng	90
22) Acetophenone	7.45	105	136248	48.77	ng	# 91
24) Nitrobenzene	7.65	77	98528	47.64	ng	# 86
25) Isophorone	7.96	82	173577	46.23	ng	98
26) 2-Nitrophenol	8.05	139	46657	47.35	ng	91
27) 2,4-Dimethylphenol	8.13	122	91053	49.69	ng	97
28) bis(2-Chloroethoxy)methane	8.25	93	116985	48.59	ng	98
29) 2,4-Dichlorophenol	8.35	162	81665	48.99	ng	88
30) 1,2,4-Trichlorobenzene	8.44	180	86426	45.21	ng	97
31) Naphthalene	8.53	128	290030	46.47	ng	99
32) Benzoic acid	8.26	122	48257	55.03	ng	98
33) 4-Chloroaniline	8.62	127	57598	22.24	ng	98
34) Hexachlorobutadiene	8.69	225	49371	47.04	ng	96
35) Caprolactam	9.05	113	25154	50.55	ng	96
36) 4-Chloro-3-methylphenol	9.25	107	81183	48.26	ng	# 77
37) 2-Methylnaphthalene	9.39	142	194416	45.88	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	83528	44.70	ng	97
40) Hexachlorocyclopentadiene	9.58	237	80480	98.34	ng	97

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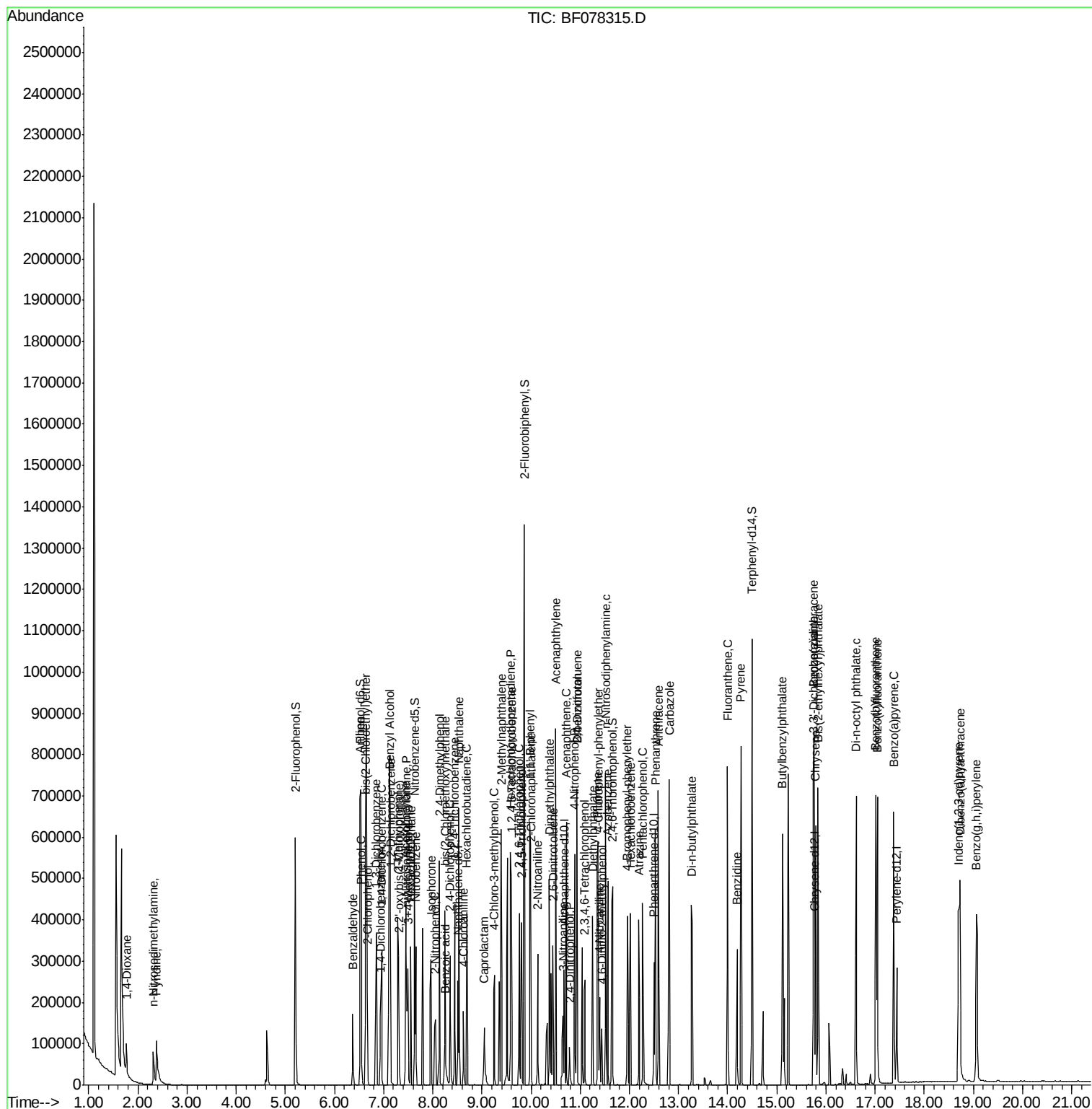
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	58764	49.87	nq	98
43) 2,4,5-Trichlorophenol	9.80	196	63940	51.94	nq	93
45) 1,1'-Biphenyl	9.97	154	232867	47.21	nq	98
46) 2-Chloronaphthalene	10.00	162	187368	48.28	nq	95
47) 2-Nitroaniline	10.13	65	50754	52.86	nq	# 84
48) Acenaphthylene	10.50	152	299368	47.77	nq	99
49) Dimethylphthalate	10.37	163	213708	47.17	nq	99
50) 2,6-Dinitrotoluene	10.44	165	45682	49.01	nq	# 54
51) Acenaphthene	10.72	154	172662	48.93	nq	97
52) 3-Nitroaniline	10.65	138	35506	33.50	nq	94
53) 2,4-Dinitrophenol	10.79	184	18454	58.99	nq	# 90
54) Dibenzofuran	10.93	168	264981	49.17	nq	95
55) 4-Nitrophenol	10.89	139	73973	94.27	nq	87
56) 2,4-Dinitrotoluene	10.93	165	60510	50.12	nq	# 49
57) Fluorene	11.35	166	213819	48.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.09	232	49713m	54.47	nq	
59) Diethylphthalate	11.25	149	214162	49.02	nq	99
60) 4-Chlorophenyl-phenylether	11.37	204	99842	49.68	nq	# 87
61) 4-Nitroaniline	11.39	138	45958	42.89	nq	90
62) Azobenzene	11.56	77	220577	55.33	nq	88
64) 4,6-Dinitro-2-methylphenol	11.44	198	21605	39.25	nq	# 66
65) n-Nitrosodiphenylamine	11.52	169	191254	47.46	nq	98
66) 4-Bromophenyl-phenylether	11.96	248	58154	47.13	nq	93
67) Hexachlorobenzene	12.02	284	63245	46.77	nq	98
68) Atrazine	12.19	200	60968	52.23	nq	94
69) Pentachlorophenol	12.27	266	61413	100.25	nq	99
70) Phenanthrene	12.53	178	320899	47.61	nq	100
71) Anthracene	12.59	178	317802	47.85	nq	100
72) Carbazole	12.81	167	306960	49.32	nq	99
73) Di-n-butylphthalate	13.28	149	353439	50.13	nq	99
74) Fluoranthene	14.00	202	352424	49.58	nq	94
76) Benzidine	14.19	184	149256	31.78	nq	98
77) Pyrene	14.27	202	365354	47.72	nq	98
79) Butylbenzylphthalate	15.12	149	155833	53.40	nq	93
80) Benzo(a)anthracene	15.76	228	362292	49.93	nq	99
81) 3,3'-Dichlorobenzidine	15.75	252	72308	29.75	nq	# 98
82) Chrysene	15.79	228	311761	45.73	nq	99
83) Bis(2-ethylhexyl)phthalate	15.84	149	238811	52.18	nq	# 96
84) Di-n-octyl phthalate	16.61	149	401692	53.46	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.69	276	371697m	48.05	nq	
87) Benzo(b)fluoranthene	17.01	252	326372	45.25	nq	# 98
88) Benzo(k)fluoranthene	17.05	252	342926m	53.50	nq	
89) Benzo(a)pyrene	17.38	252	326961	51.94	nq	98
90) Dibenzo(a,h)anthracene	18.73	278	289842	45.99	nq	99
91) Benzo(g,h,i)perylene	19.06	276	299959	47.47	nq	97

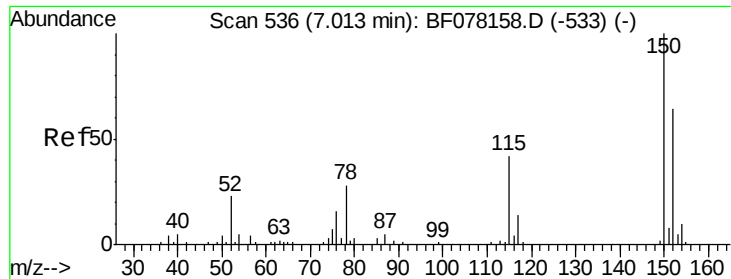
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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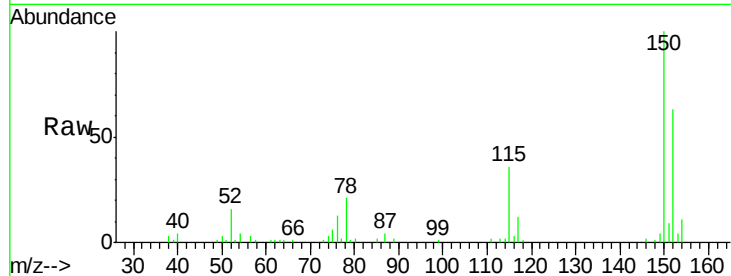


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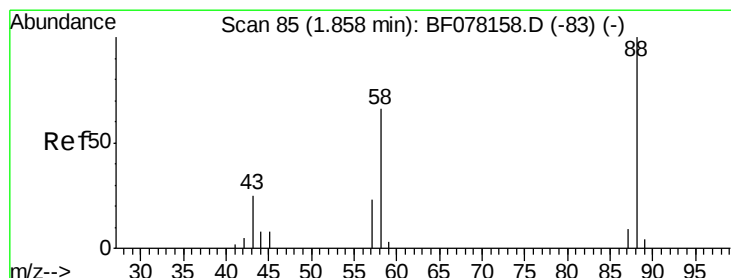
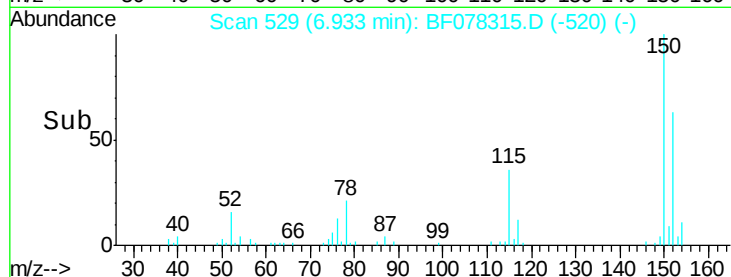
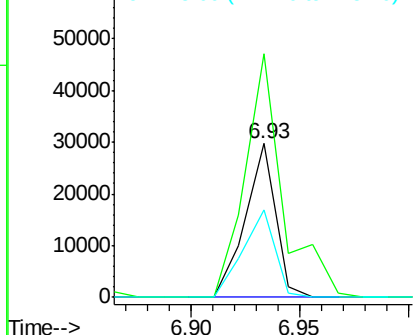
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tot Ion:152 Resp: 28647
Ion Ratio Lower Upper
152 100
150 158.3 125.9 188.9
115 57.2 52.7 79.1



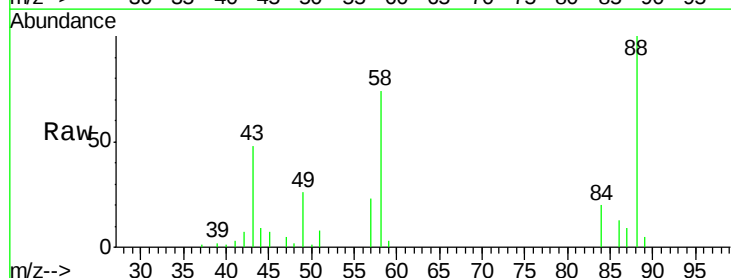
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



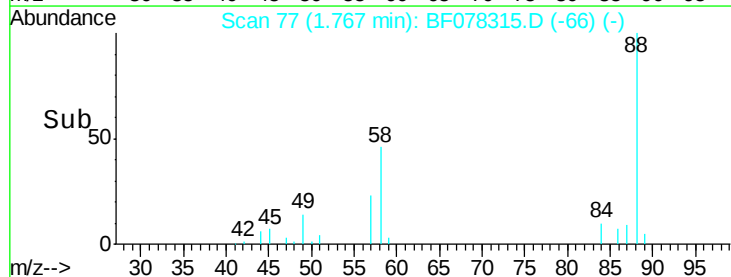
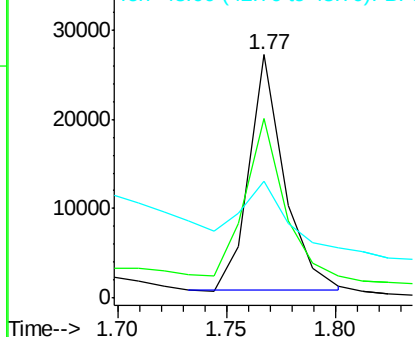
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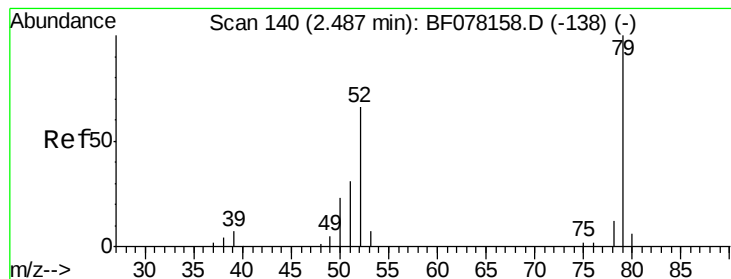
1,4-Dioxane
Concen: 37.86 ng
RT: 1.77 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion: 88 Resp: 29745
Ion Ratio Lower Upper
88 100
58 70.9 56.9 85.3
43 33.9 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: 49.06 ng

RT: 2.37 min Scan# 130

Delta R.T. 0.02 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

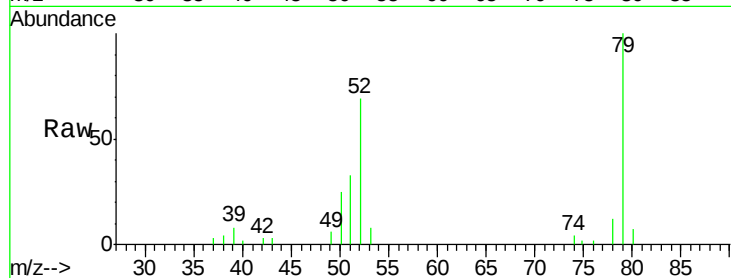
Tot Ion: 79 Resp: 100970

Ion Ratio Lower Upper

79 100

52 69.1 52.4 78.6

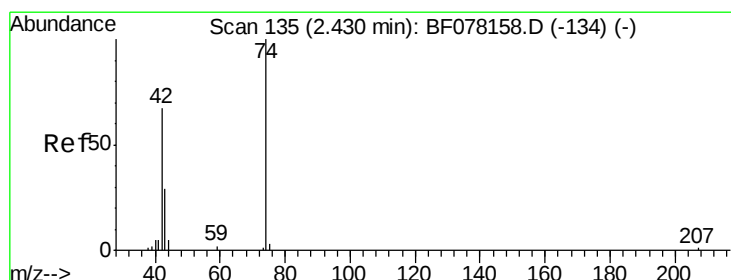
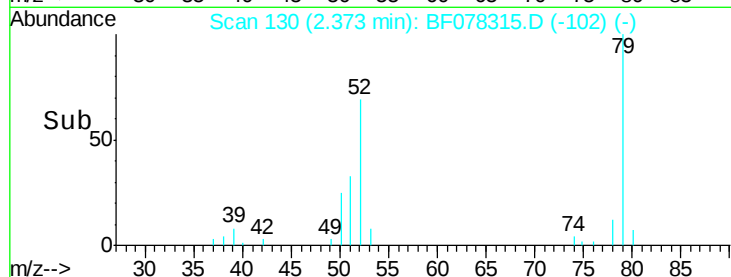
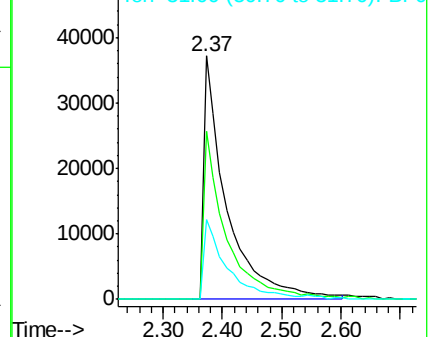
51 32.9 24.9 37.3



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: 50.33 ng m

RT: 2.32 min Scan# 125

Delta R.T. 0.02 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

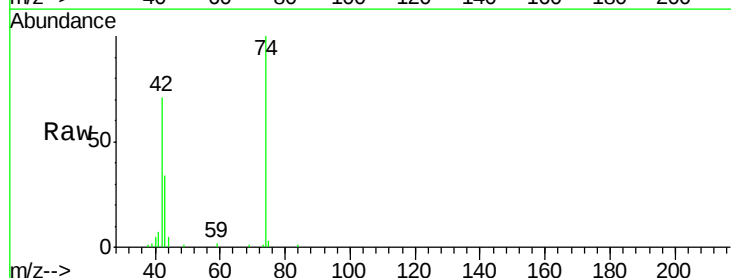
Tgt Ion: 42 Resp: 39871

Ion Ratio Lower Upper

42 100

74 140.3 118.7 178.1

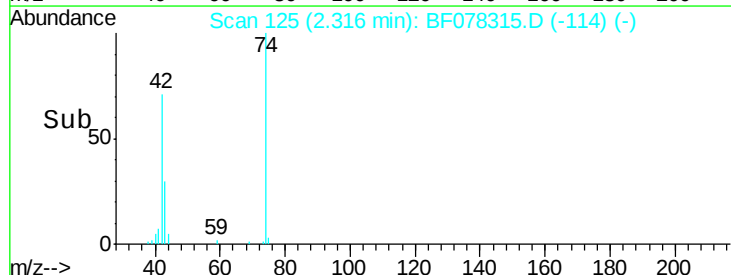
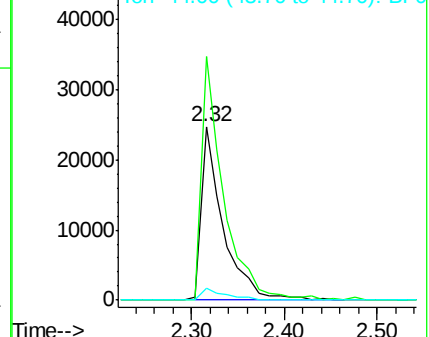
44 6.8 5.9 8.9

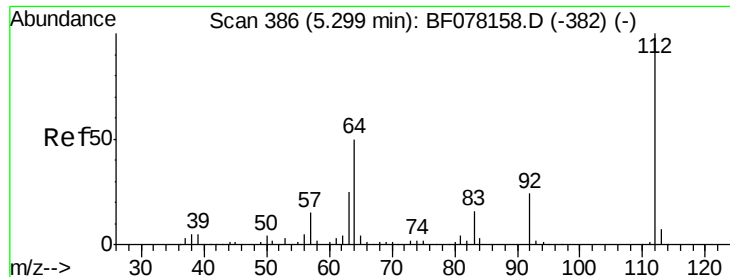


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 149.52 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078315.D

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ClientSampleID :

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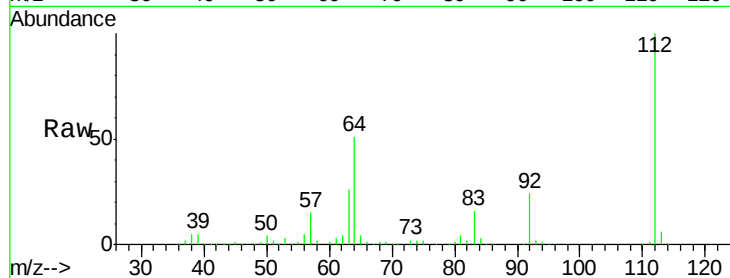
Tot Ion:112 Resp: 259779

Ion Ratio Lower Upper

112 100

64 50.5 39.9 59.9

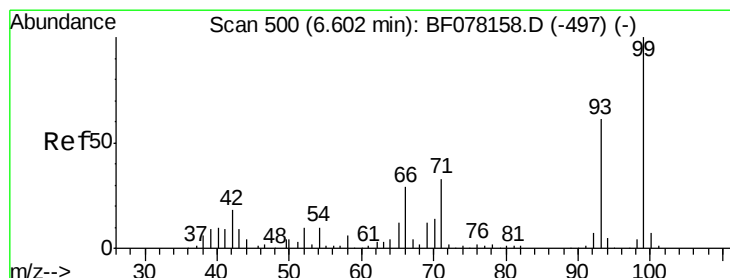
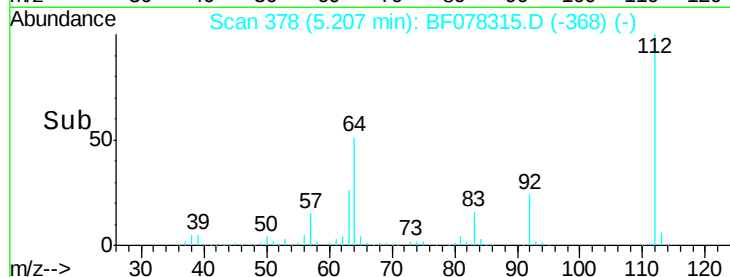
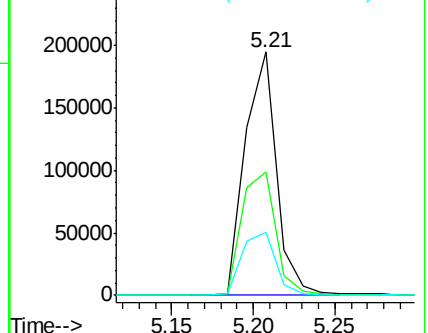
63 25.8 20.2 30.4



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: 19.02 ng

RT: 6.52 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

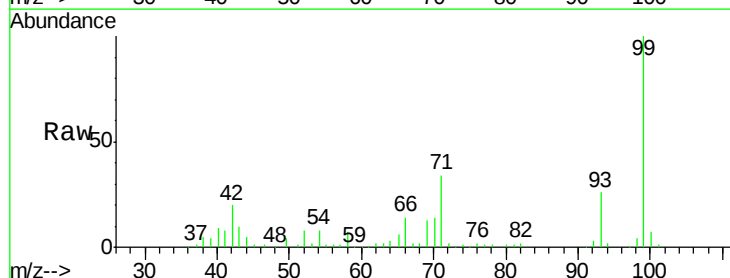
Tgt Ion: 93 Resp: 58717

Ion Ratio Lower Upper

93 100

66 53.4 38.0 57.0

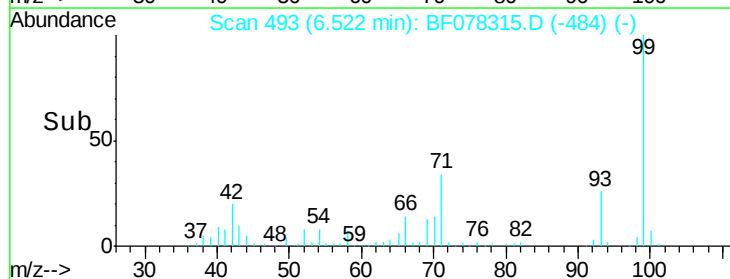
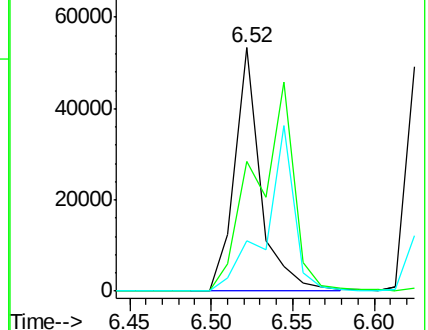
65 20.8 16.3 24.5



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: 151.73 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.00 min

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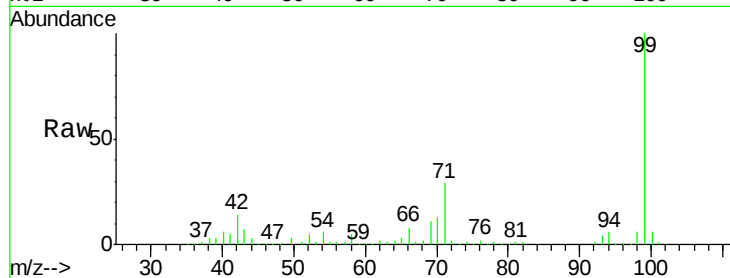
Tot Ion: 99 Resp: 330387

Ion Ratio Lower Upper

99 100

42 13.5 14.8 22.2#

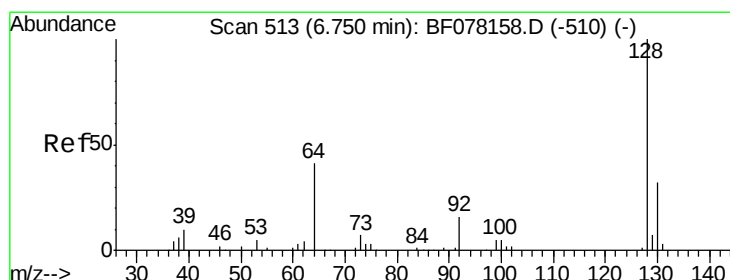
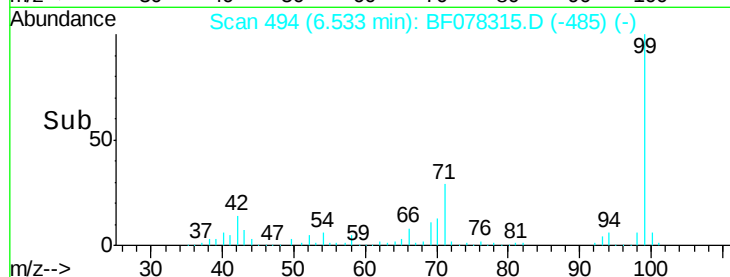
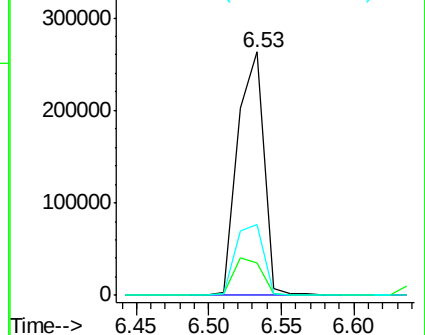
71 29.1 26.6 39.8



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: 47.91 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

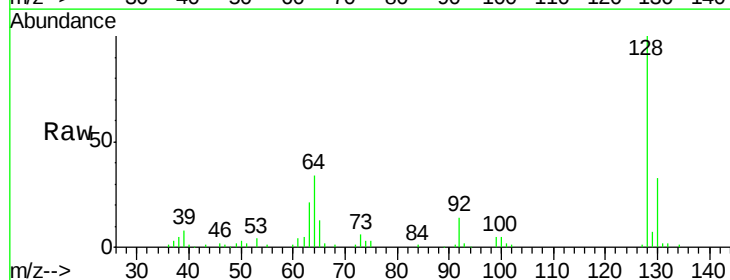
Tgt Ion: 128 Resp: 98424

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

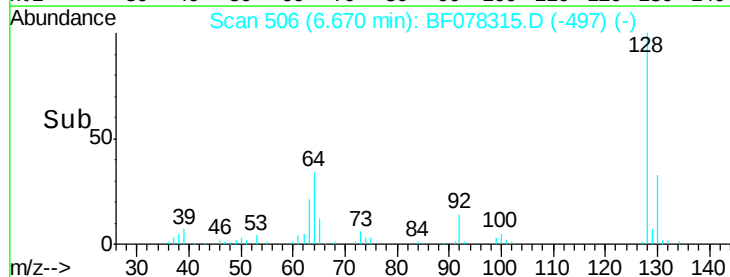
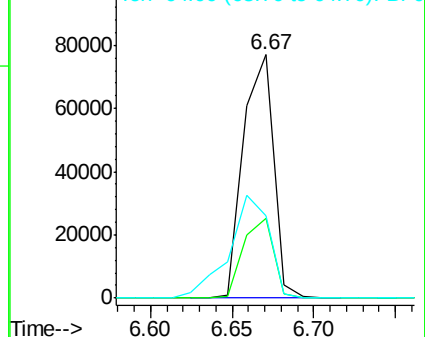
64 33.6 23.8 63.8

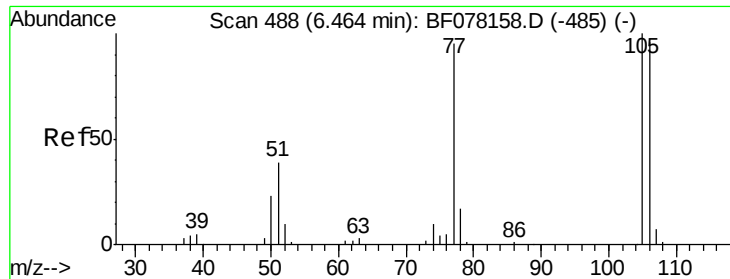


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.56 ng

RT: 6.37 min Scan# 480

Delta R.T. 0.00 min

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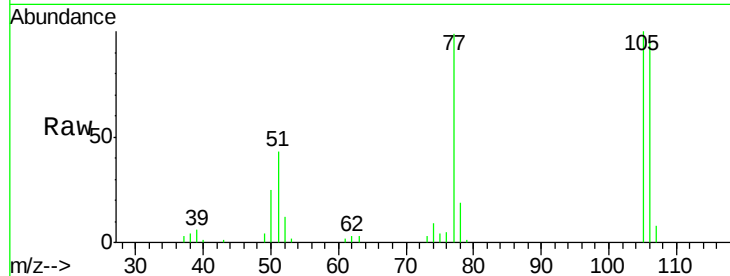
Tot Ion: 77 Resp: 38337

Ion Ratio Lower Upper

77 100

105 100.7 85.4 125.4

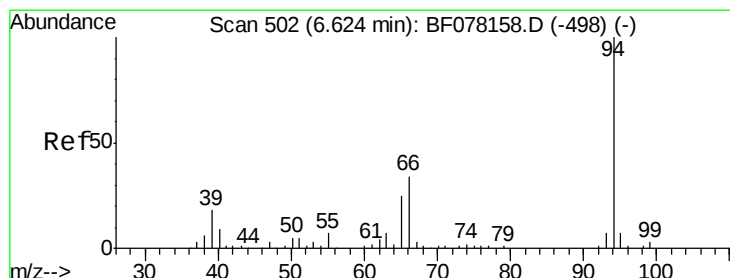
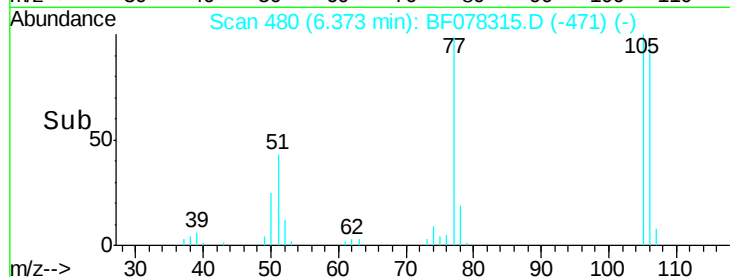
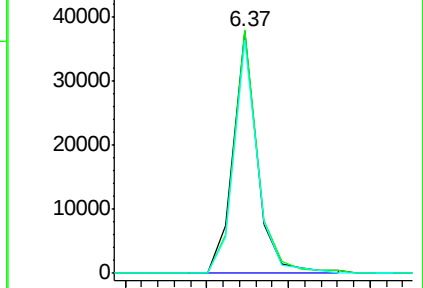
106 96.5 80.8 120.8



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: 47.89 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

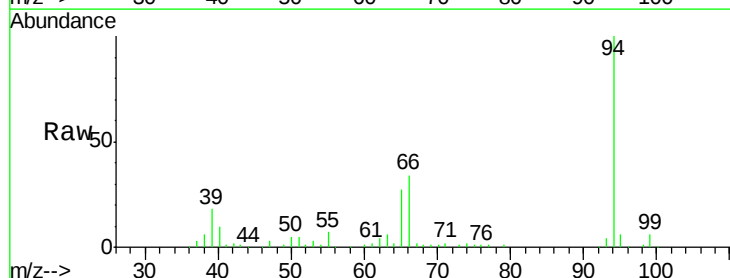
Tgt Ion: 94 Resp: 124940

Ion Ratio Lower Upper

94 100

65 26.5 4.9 44.9

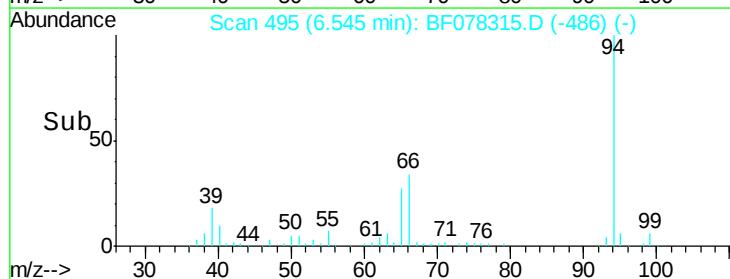
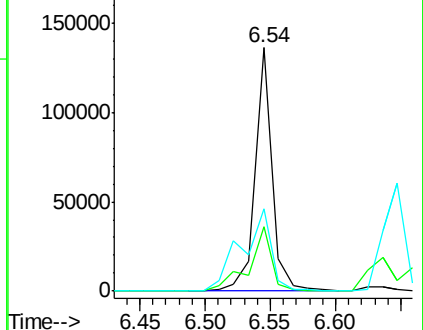
66 33.7 13.8 53.8

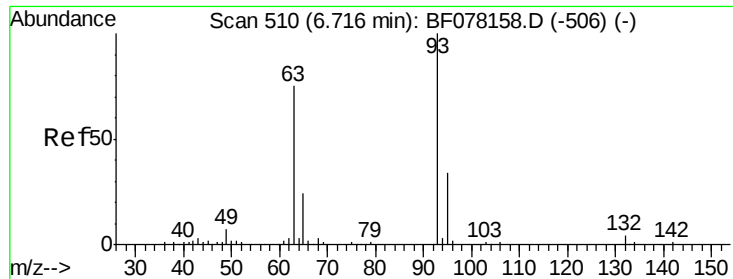


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

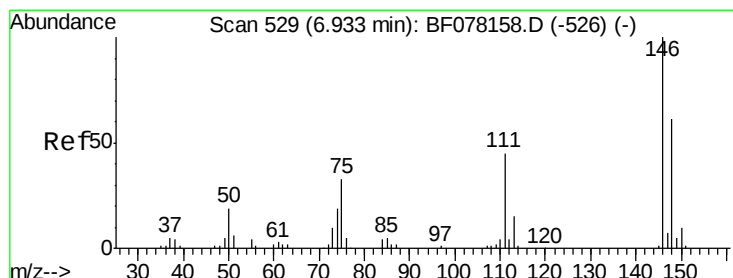
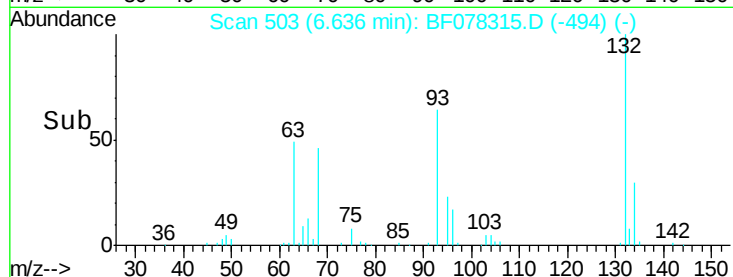
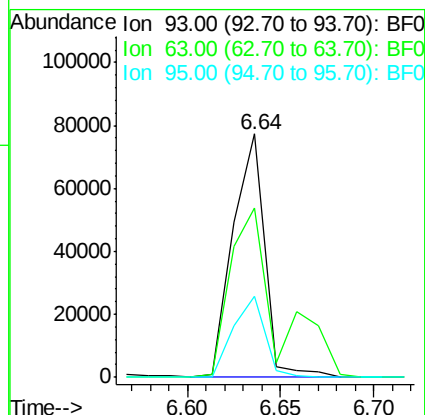
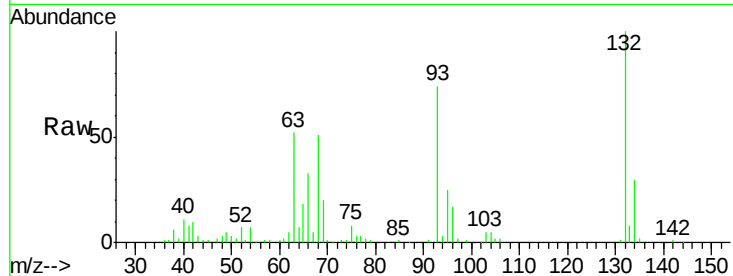




#11
bis(2-Chloroethyl)ether
Concen: 49.19 ng
RT: 6.64 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

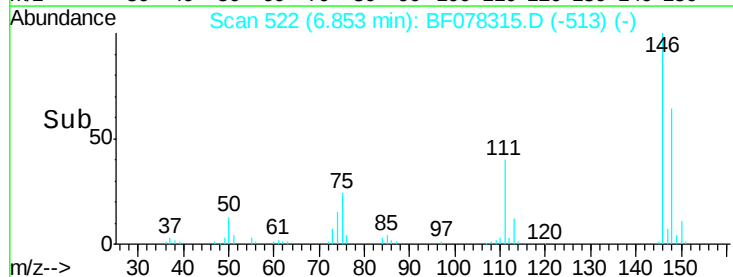
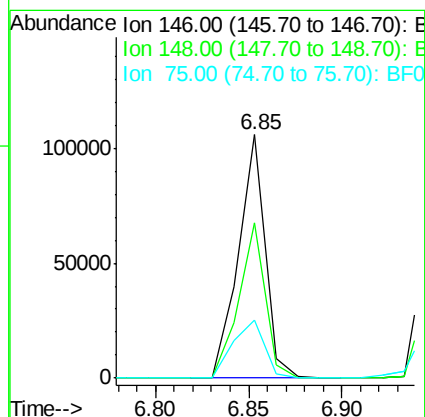
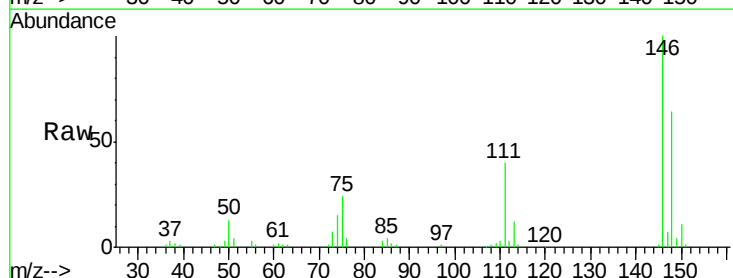
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

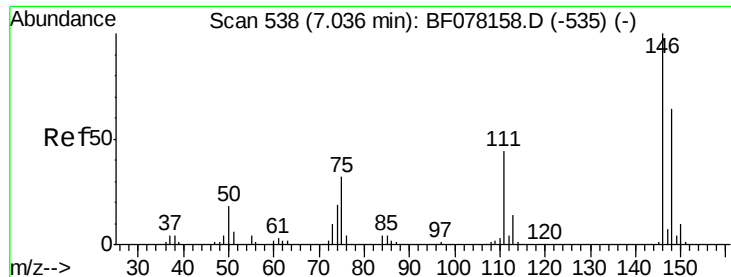
Tot Ion: 93 Resp: 92292
Ion Ratio Lower Upper
93 100
63 69.5 54.6 94.6
95 33.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 47.16 ng
RT: 6.85 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion: 146 Resp: 106434
Ion Ratio Lower Upper
146 100
148 63.8 49.1 73.7
75 24.0 26.6 40.0#

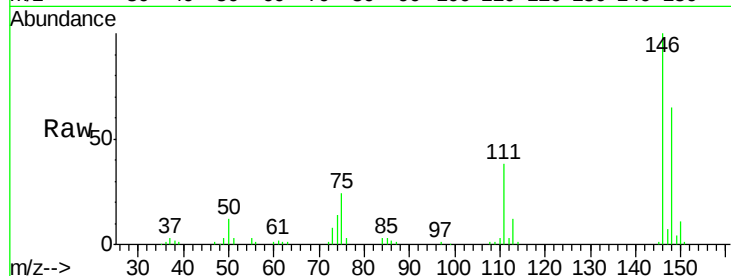




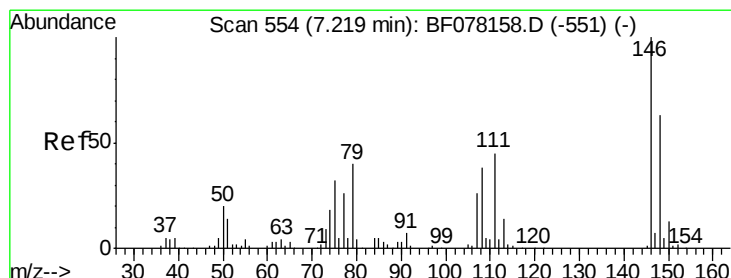
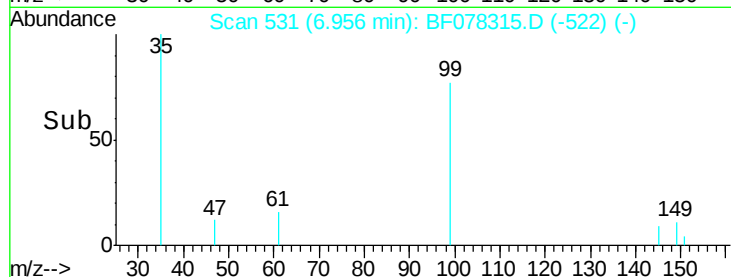
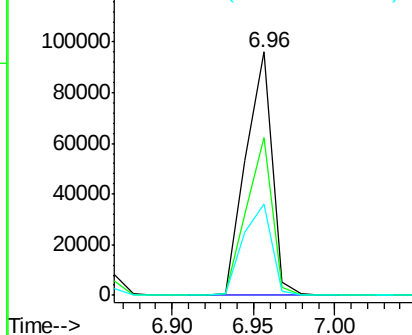
#13
 1,4-Dichlorobenzene
 Concen: 47.22 ng
 RT: 6.96 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tot Ion:146 Resp: 107274
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 37.6 35.0 52.4

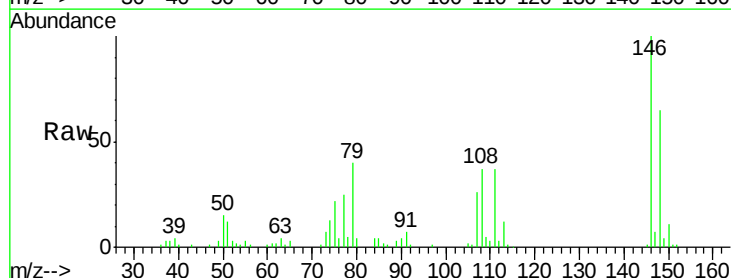


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

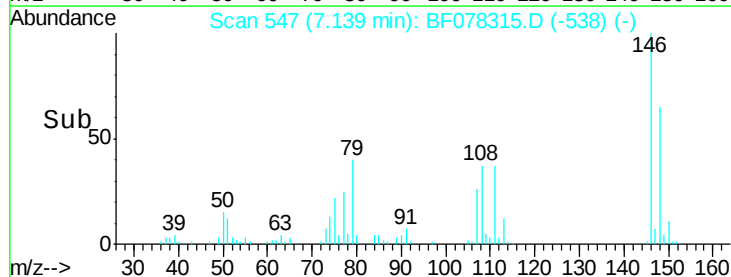
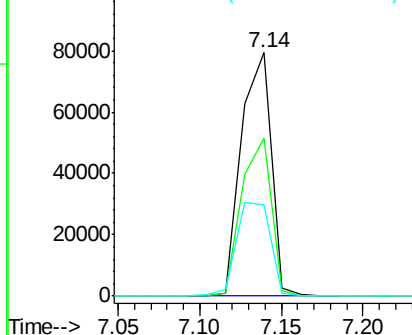


#14
 1,2-Dichlorobenzene
 Concen: 47.14 ng
 RT: 7.14 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:146 Resp: 100408
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.2 75.4
 111 37.3 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





#15

Benzyl Alcohol

Concen: 50.25 ng

RT: 7.13 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

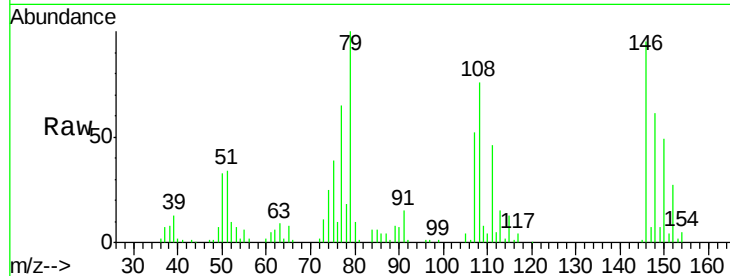
Tot Ion: 79 Resp: 76896

Ion Ratio Lower Upper

79 100

108 75.9 57.6 86.4

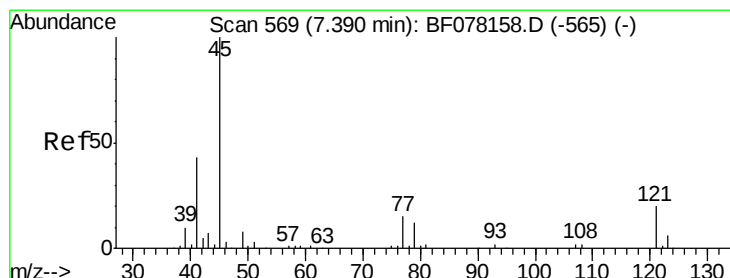
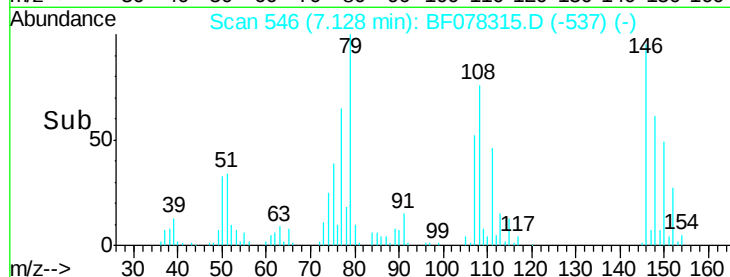
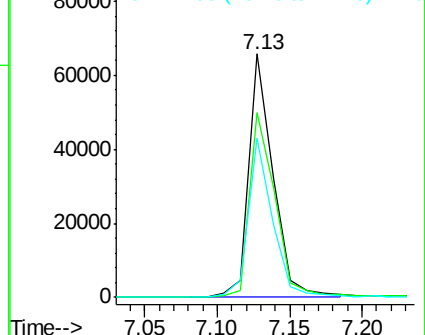
77 65.4 53.5 80.3



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: 48.69 ng

RT: 7.31 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

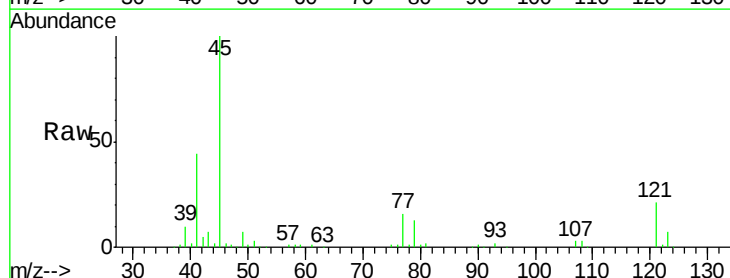
Tgt Ion: 45 Resp: 121853

Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.5

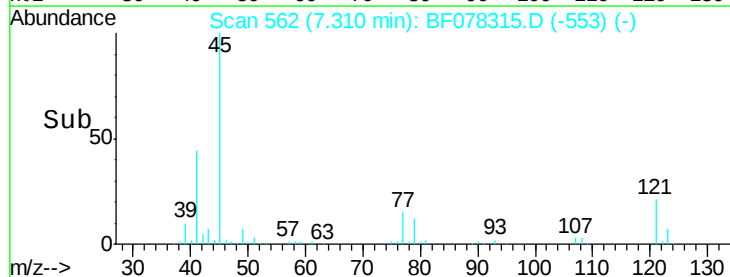
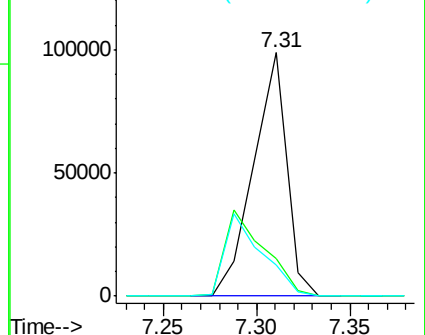
79 12.5 0.0 31.9

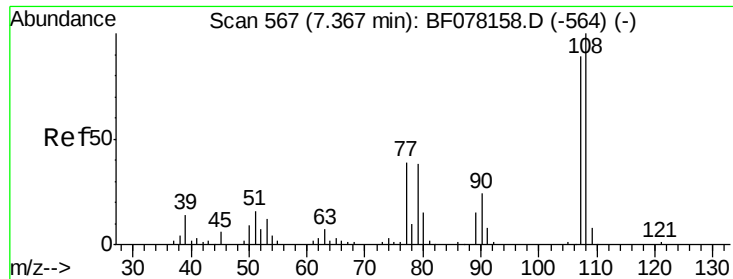


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

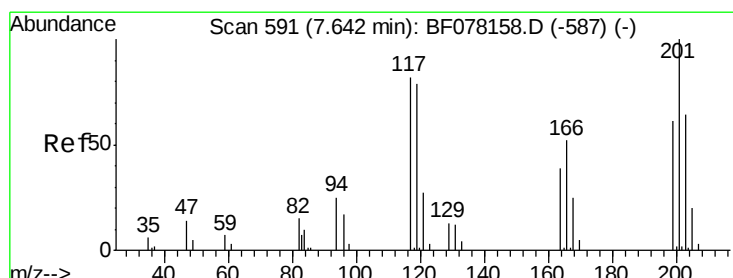
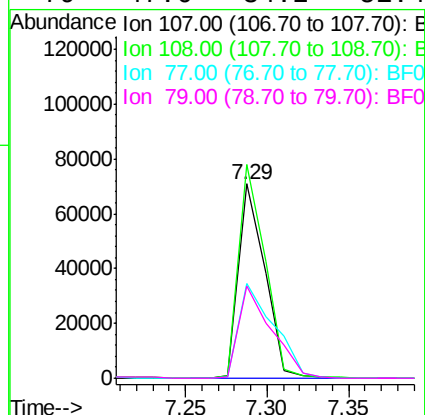
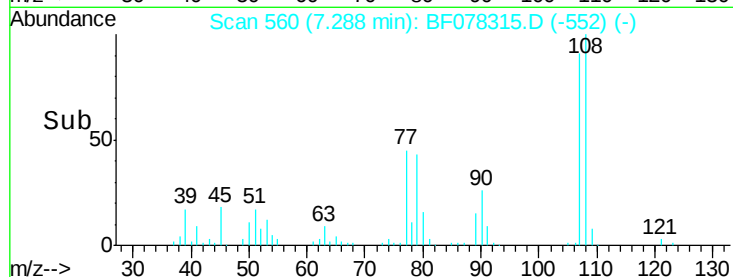
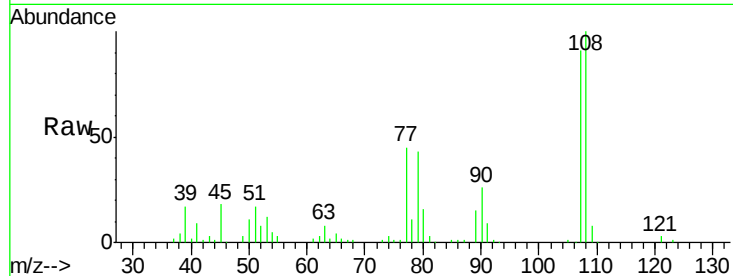




#17
2-Methylphenol
Concen: 49.13 ng
RT: 7.29 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

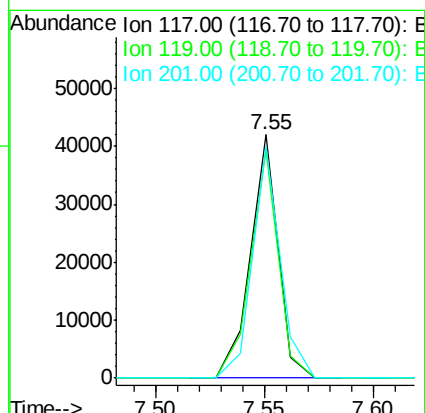
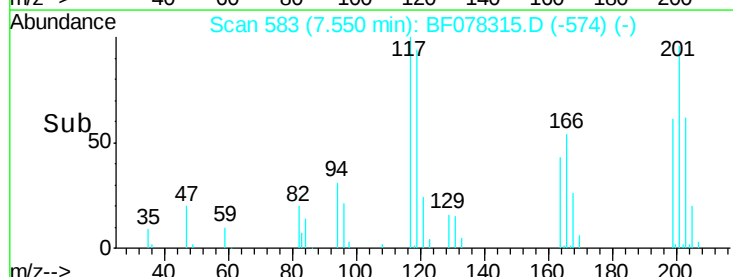
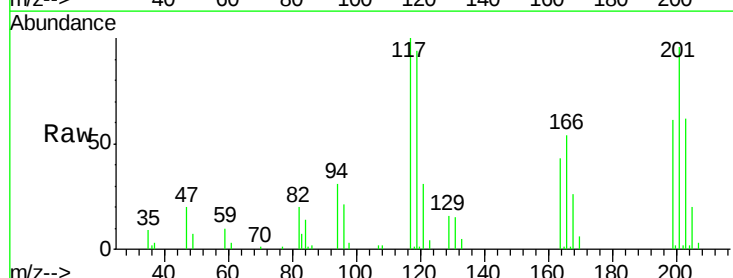
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

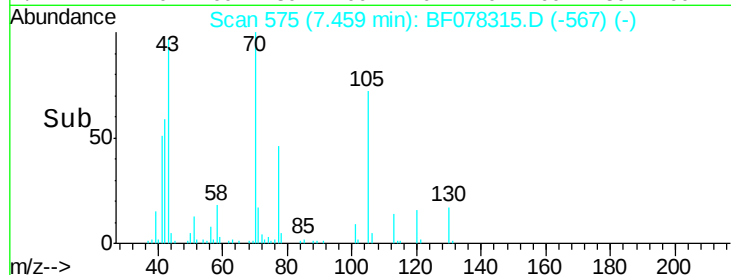
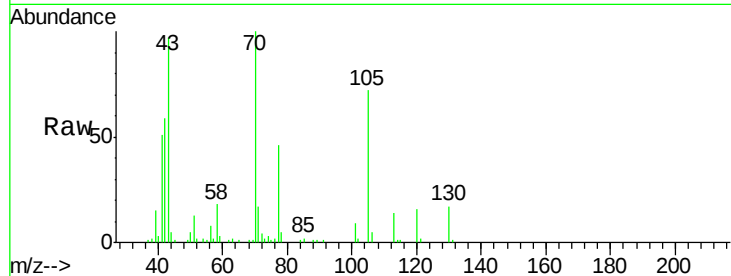
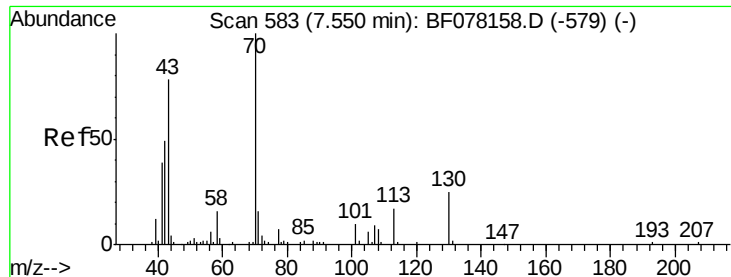
Tot Ion:107 Resp: 78367
Ion Ratio Lower Upper
107 100
108 110.1 90.3 135.5
77 49.1 35.5 53.3
79 47.6 34.2 51.4



#18
Hexachloroethane
Concen: 48.22 ng
RT: 7.55 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion:117 Resp: 36940
Ion Ratio Lower Upper
117 100
119 94.0 77.0 115.6
201 95.6 98.1 147.1#

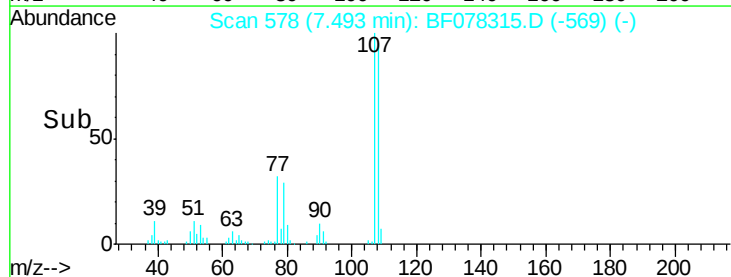
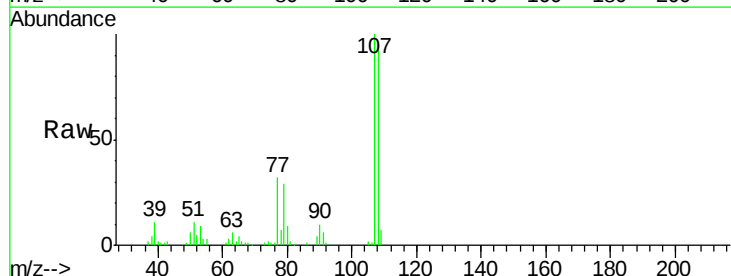
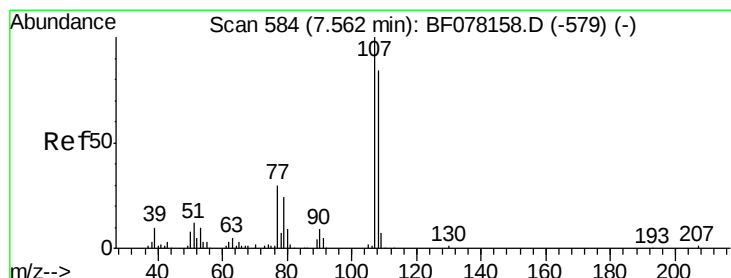
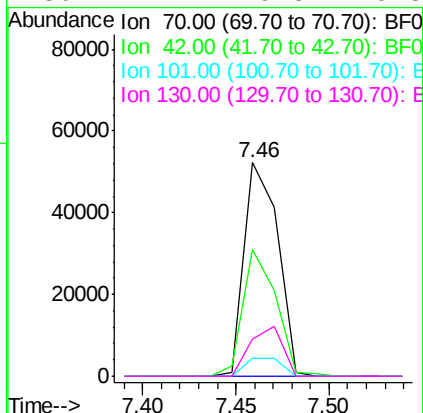




#19
n-Nitroso-di-n-propylamine
Concen: 45.65 ng
RT: 7.46 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

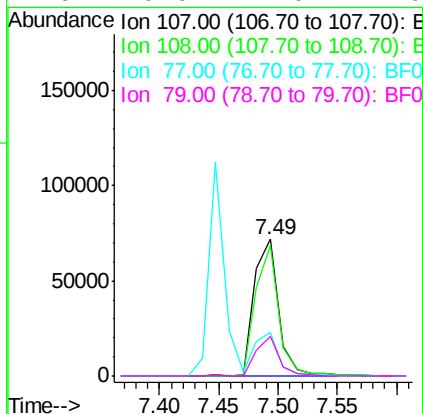
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	38.9	58.3#
101	8.6	8.3	12.5
130	17.2	19.8	29.8#



#20
3+4-Methylphenols
Concen: 49.18 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.3	64.4	104.4
77	31.5	9.7	49.7
79	29.0	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: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

Tot Ion:136 Resp: 119903

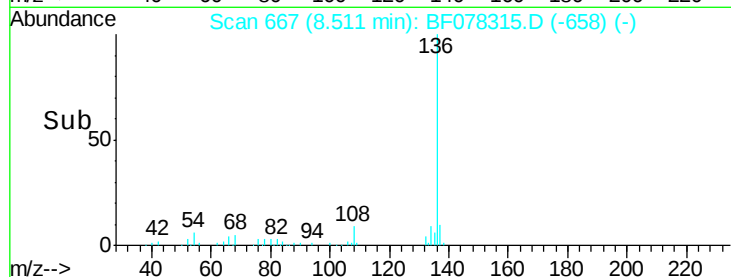
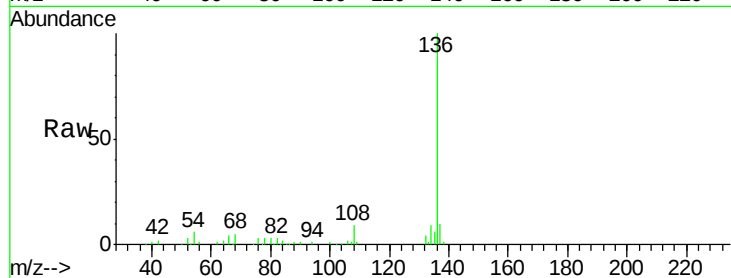
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.0 7.0 10.6#

68 4.7 5.4 8.2#

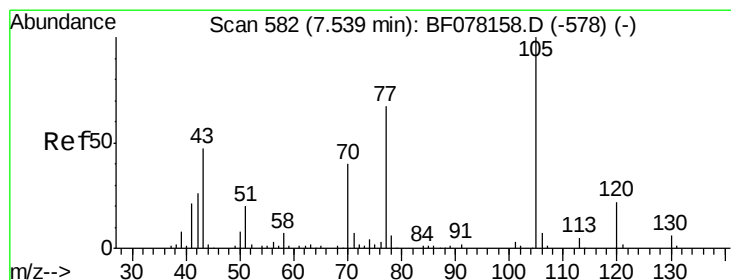
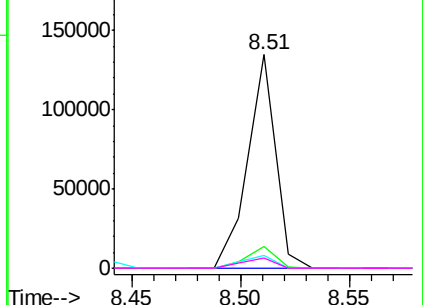


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 48.77 ng

RT: 7.45 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Tgt Ion:105 Resp: 136248

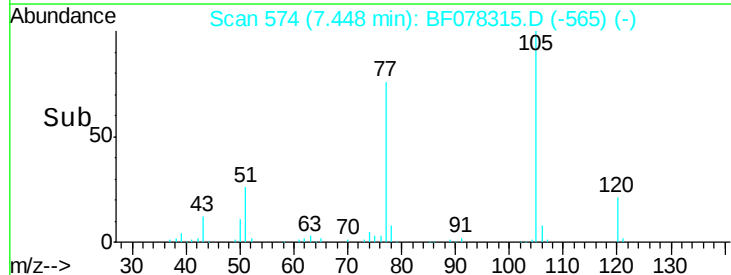
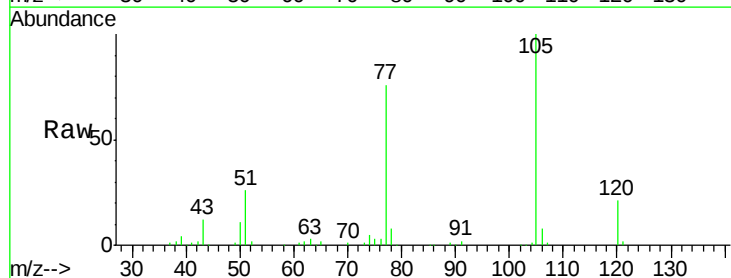
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 25.6 16.0 24.0#

120 20.7 17.8 26.6

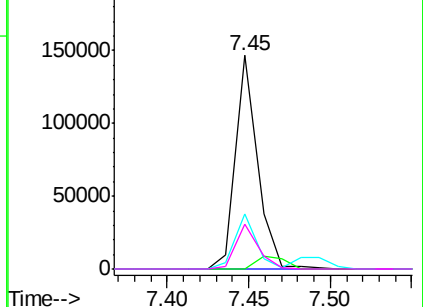


Abundance Ion 105.00 (104.70 to 105.70): E

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

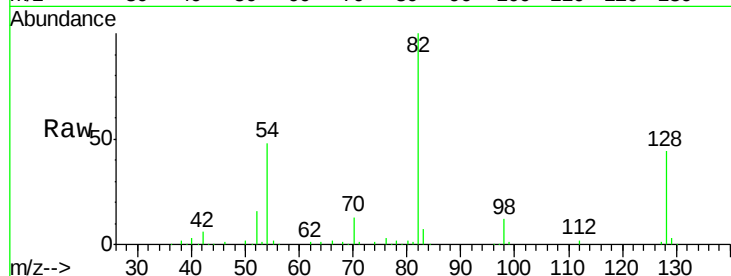




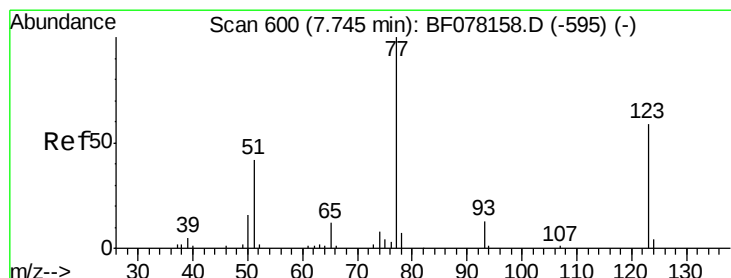
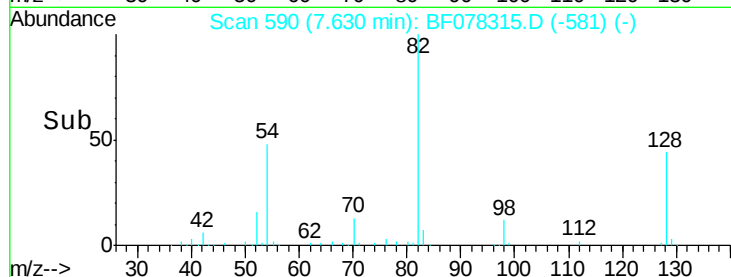
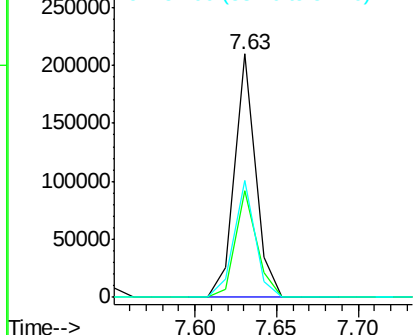
#23
Nitrobenzene-d5
Concen: 94.27 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tot Ion: 82 Resp: 186486
Ion Ratio Lower Upper
82 100
128 43.7 31.8 47.8
54 48.2 41.5 62.3

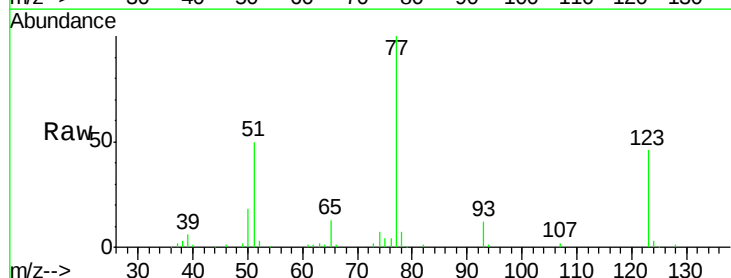


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

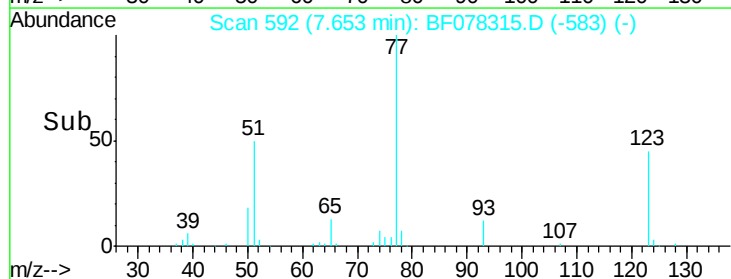
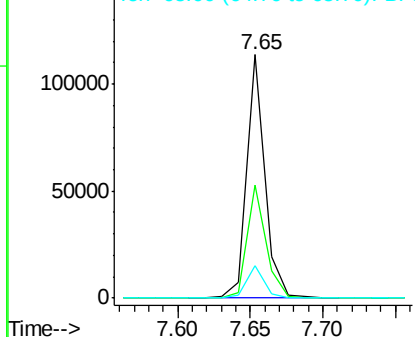


#24
Nitrobenzene
Concen: 47.64 ng
RT: 7.65 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion: 77 Resp: 98528
Ion Ratio Lower Upper
77 100
123 46.2 46.9 70.3#
65 13.1 9.5 14.3



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: 46.23 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

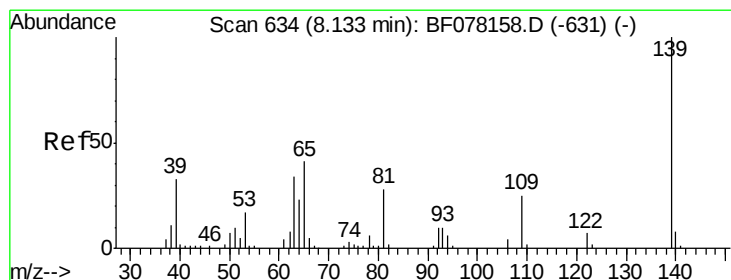
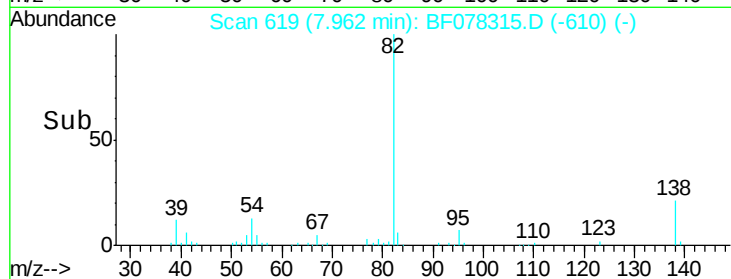
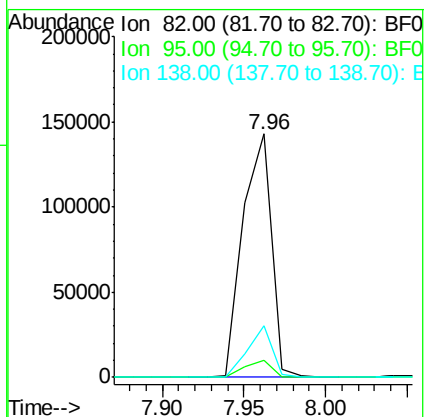
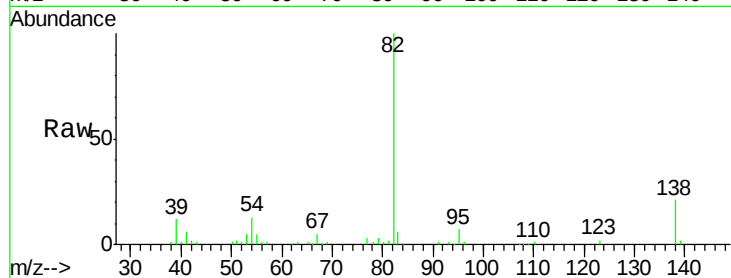
Tot Ion: 82 Resp: 173577

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 21.2 15.8 23.8



#26

2-Nitrophenol

Concen: 47.35 ng

RT: 8.05 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

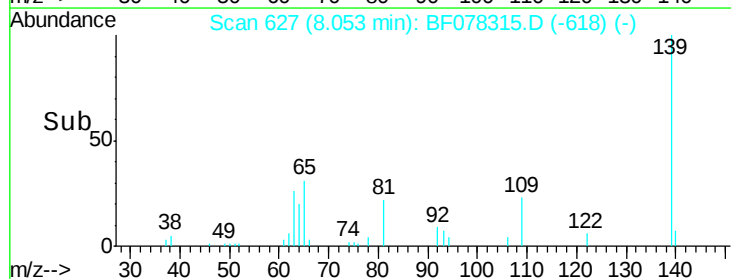
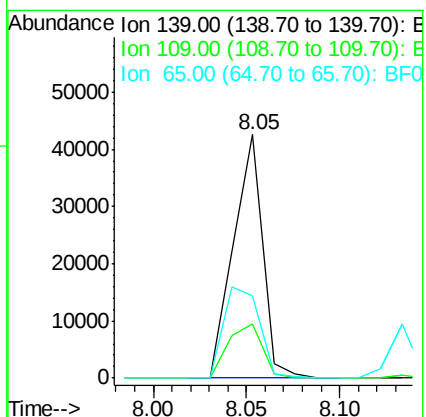
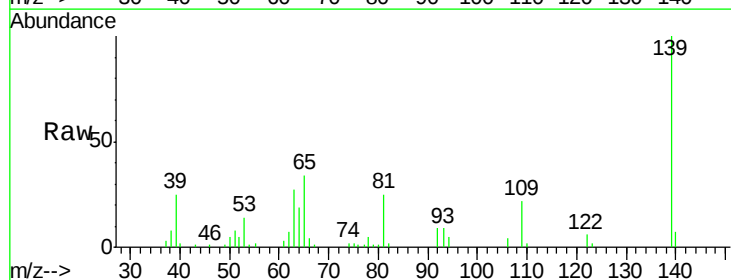
Tgt Ion: 139 Resp: 46657

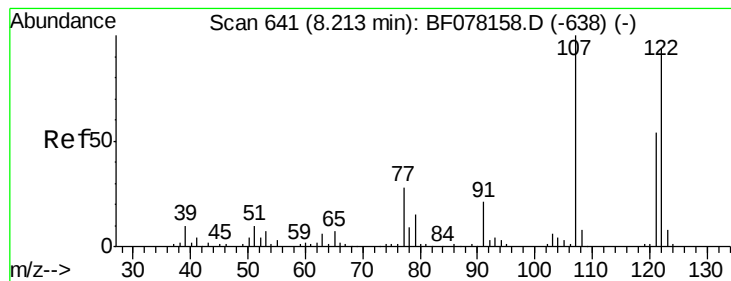
Ion Ratio Lower Upper

139 100

109 22.4 19.8 29.8

65 33.7 32.7 49.1





#27

2,4-Dimethylphenol

Concen: 49.69 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

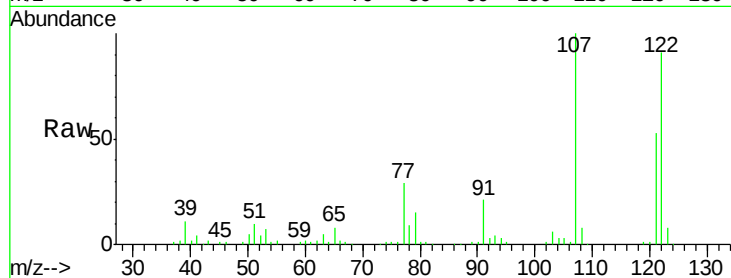
Tot Ion:122 Resp: 91053

Ion Ratio Lower Upper

122 100

107 110.2 84.6 127.0

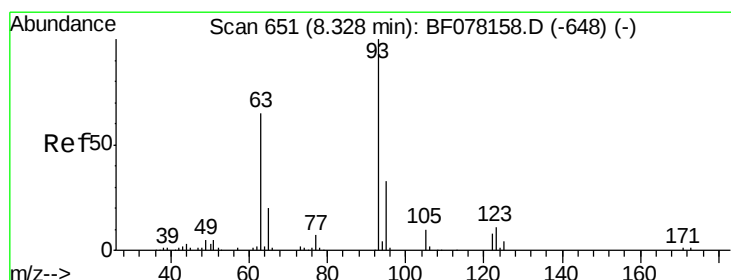
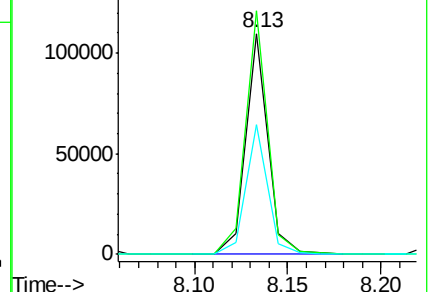
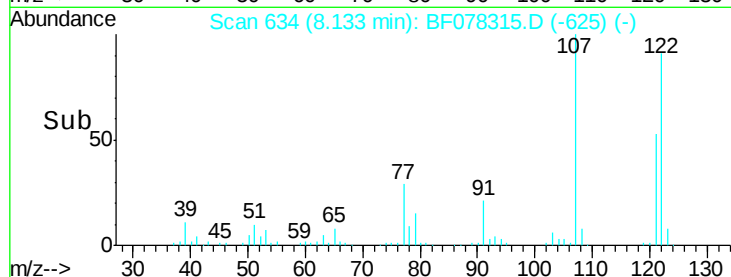
121 58.4 46.0 69.0



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: 48.59 ng

RT: 8.25 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

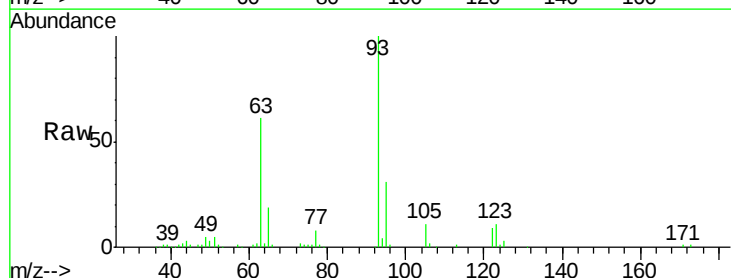
Tgt Ion: 93 Resp: 116985

Ion Ratio Lower Upper

93 100

95 31.2 26.3 39.5

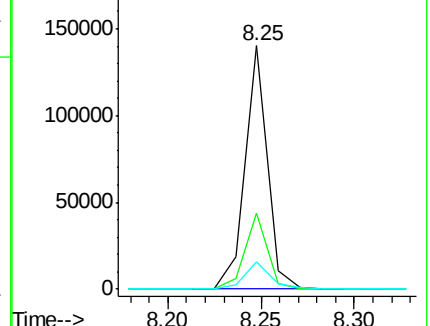
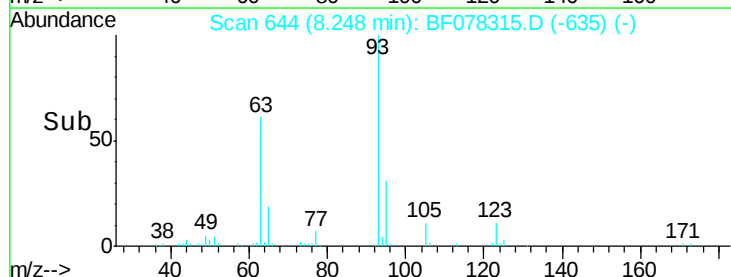
123 11.4 9.1 13.7

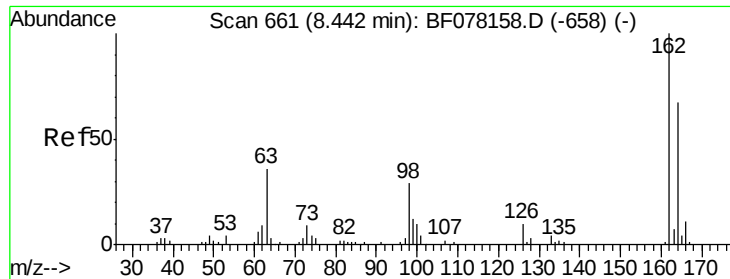


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

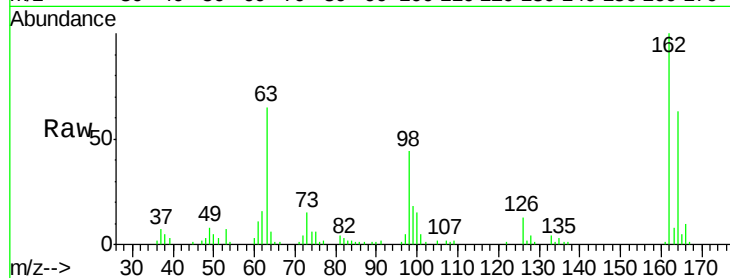




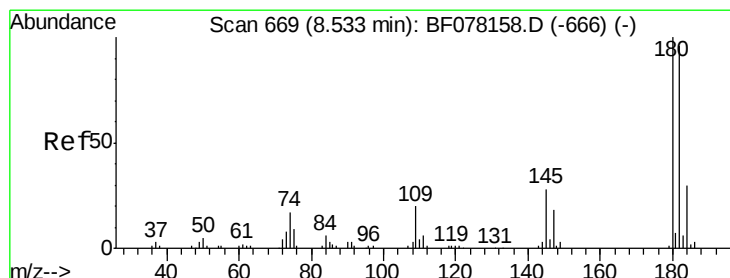
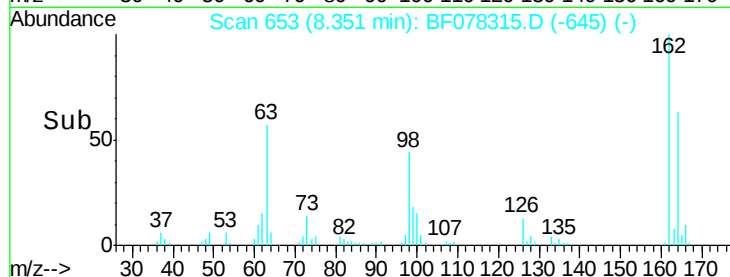
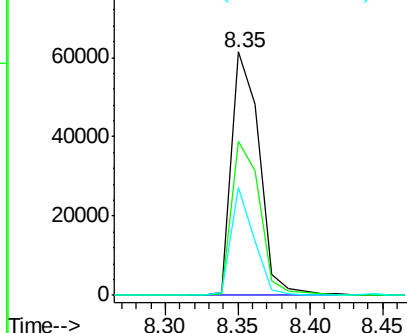
#29
 2,4-Dichlorophenol
 Concen: 48.99 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tot Ion:162 Resp: 81665
 Ion Ratio Lower Upper
 162 100
 164 63.3 47.0 87.0
 98 44.1 9.2 49.2

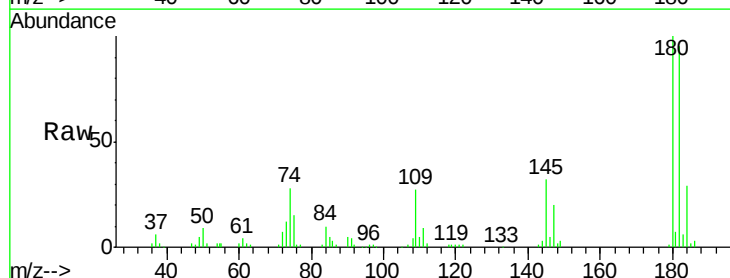


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

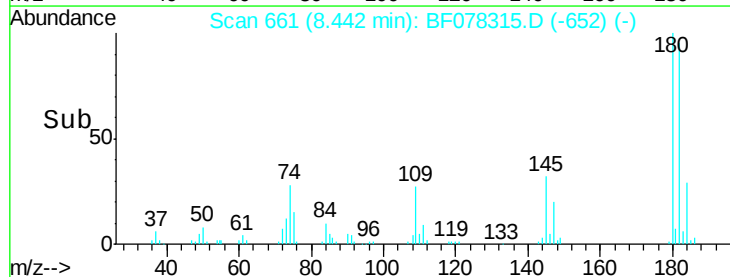
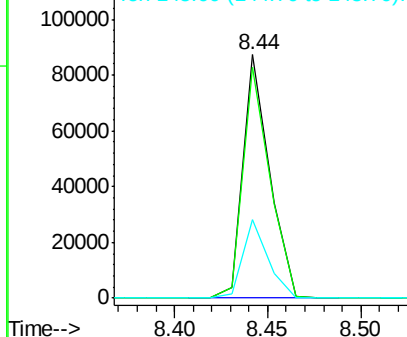


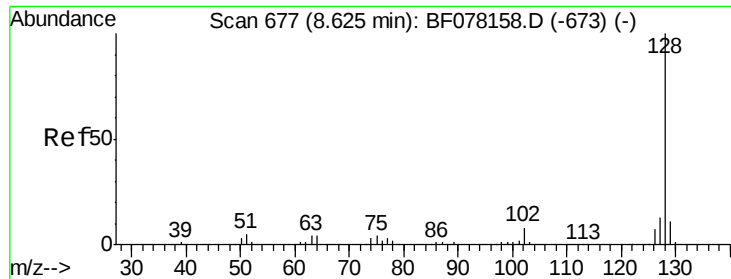
#30
 1,2,4-Trichlorobenzene
 Concen: 45.21 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:180 Resp: 86426
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.9 115.3
 145 32.4 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

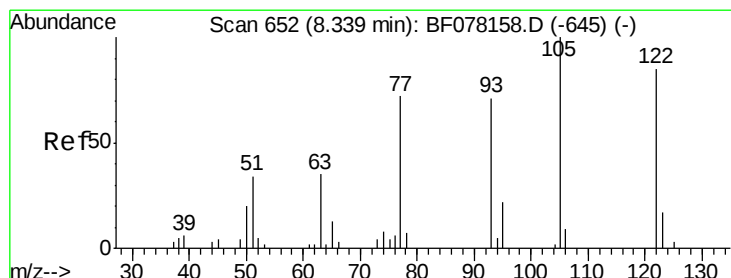
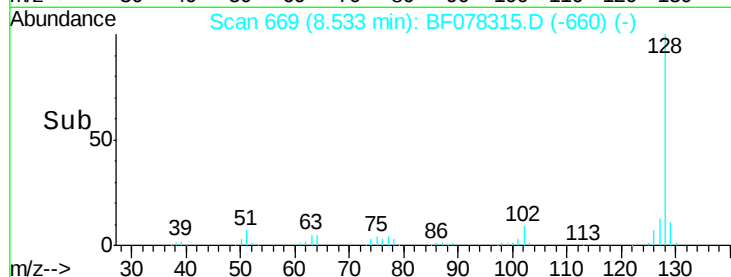
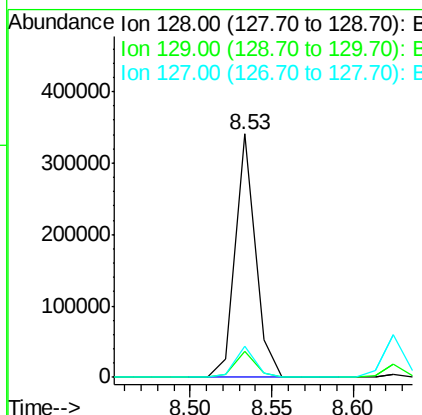
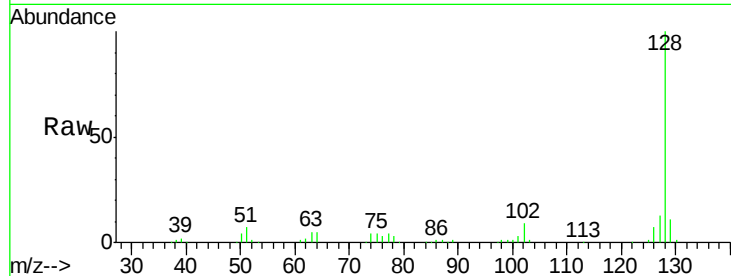




#31
Naphthalene
Concen: 46.47 ng
RT: 8.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

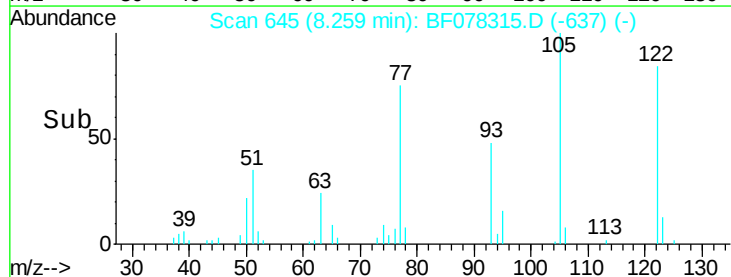
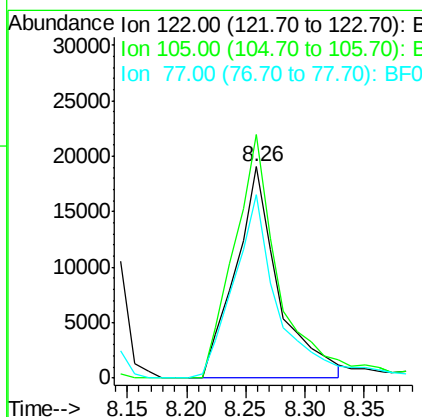
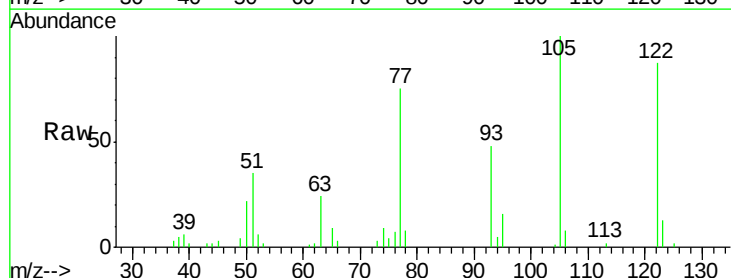
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tot Ion:128 Resp: 290030
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 55.03 ng
RT: 8.26 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion:122 Resp: 48257
Ion Ratio Lower Upper
122 100
105 115.3 96.1 136.1
77 86.8 64.1 104.1

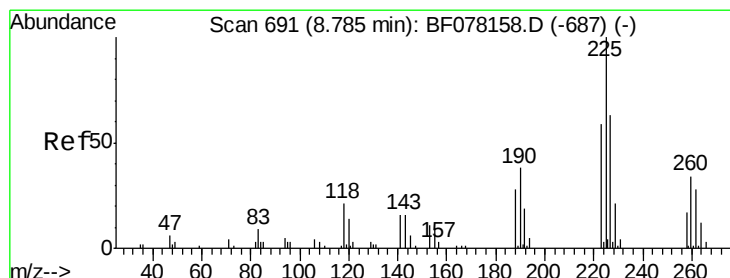
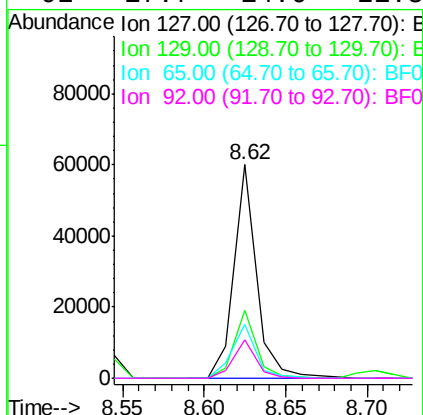
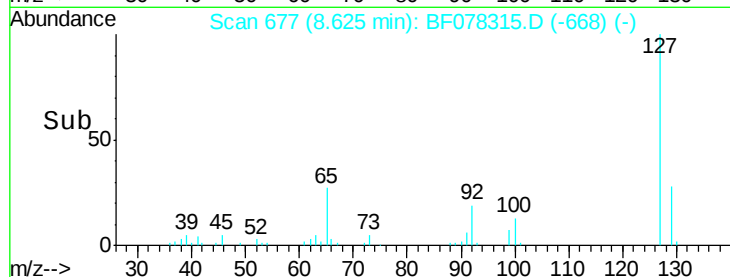
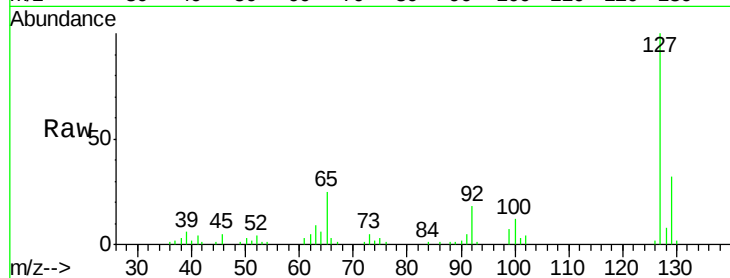




#33
4-Chloroaniline
Concen: 22.24 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

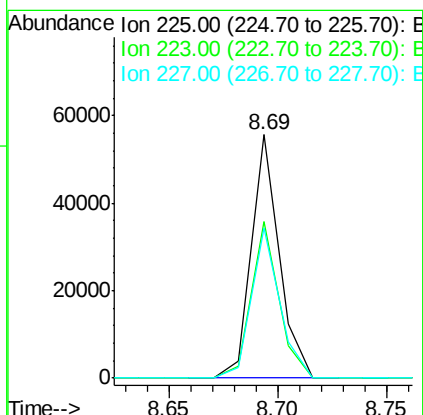
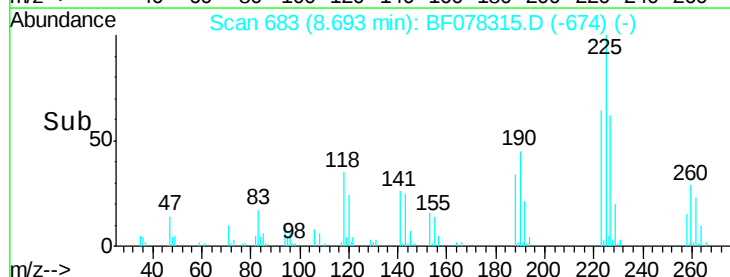
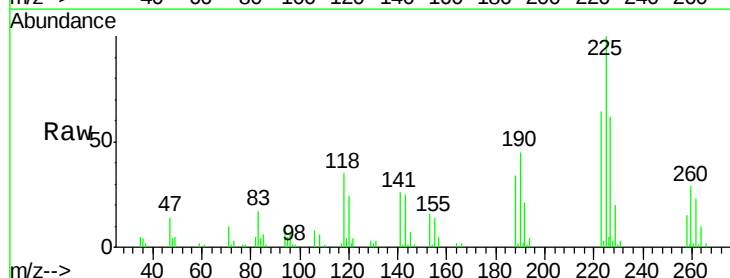
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

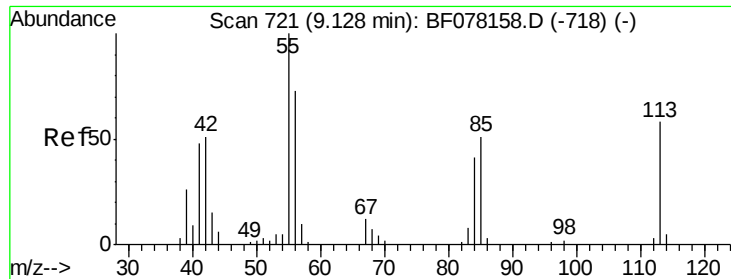
Tot Ion:	127	Resp:	57598
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	25.2	21.7	32.5
92	17.7	14.6	21.8



#34
Hexachlorobutadiene
Concen: 47.04 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion:	225	Resp:	49371
Ion	Ratio	Lower	Upper
225	100		
223	64.5	47.5	71.3
227	61.9	50.2	75.2





#35

Caprolactam

Concen: 50.55 ng

RT: 9.05 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

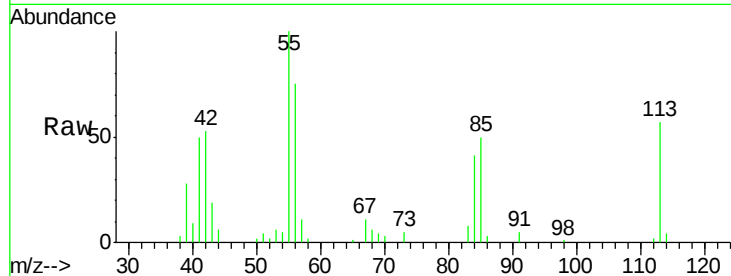
Tot Ion:113 Resp: 25154

Ion Ratio Lower Upper

113 100

55 176.4 151.9 191.9

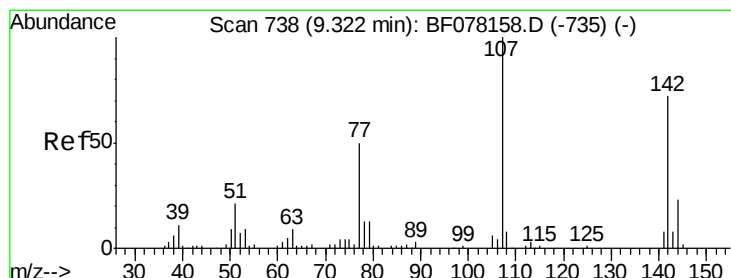
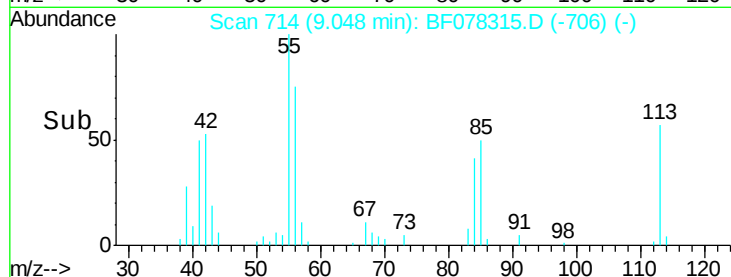
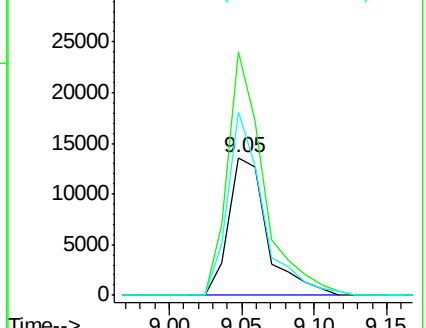
56 132.6 106.1 146.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.26 ng

RT: 9.25 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

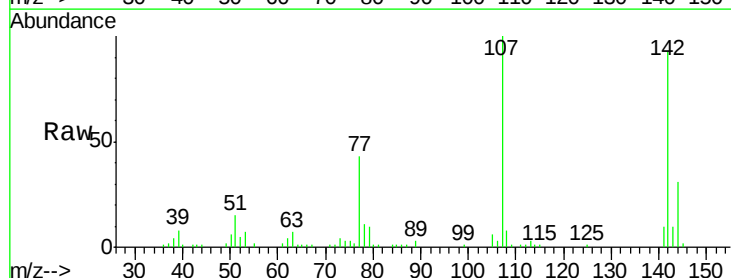
Tgt Ion:107 Resp: 81183

Ion Ratio Lower Upper

107 100

144 31.4 18.2 27.2#

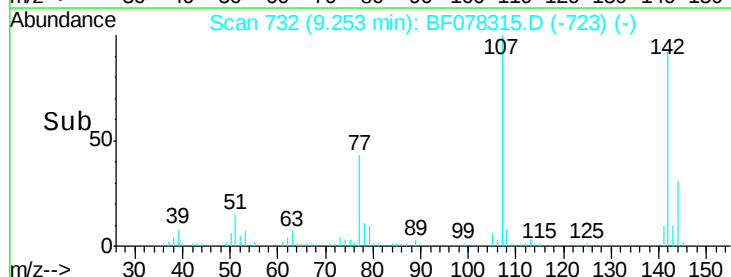
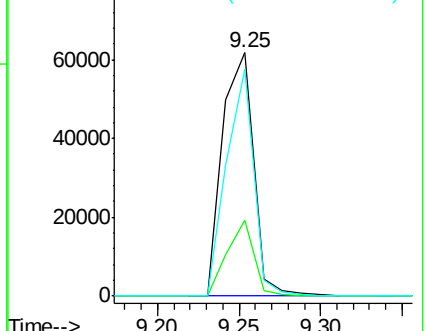
142 93.5 58.0 87.0#

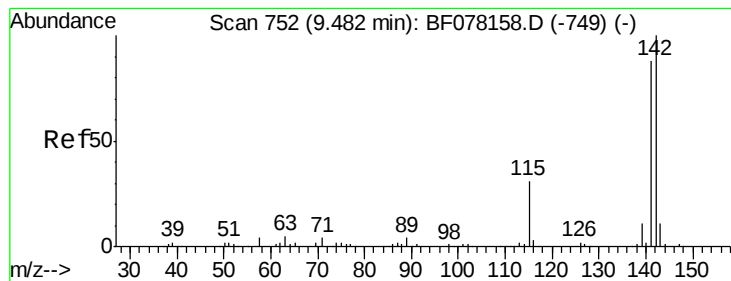


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.88 ng

RT: 9.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

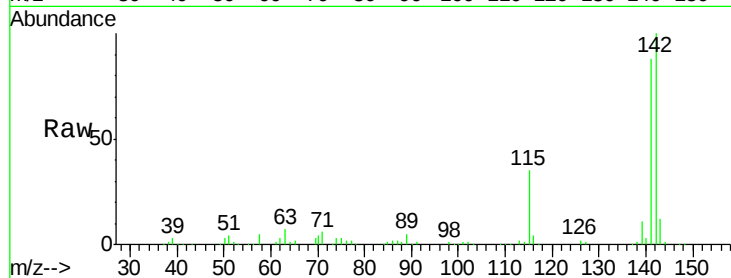
Tot Ion:142 Resp: 194416

Ion Ratio Lower Upper

142 100

141 88.5 70.3 105.5

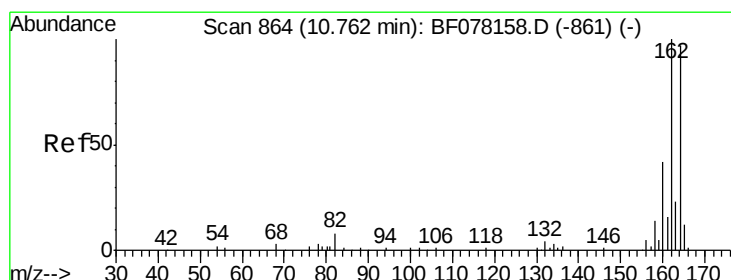
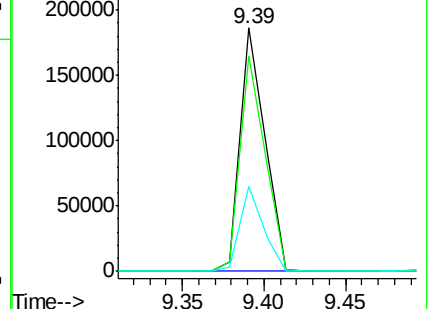
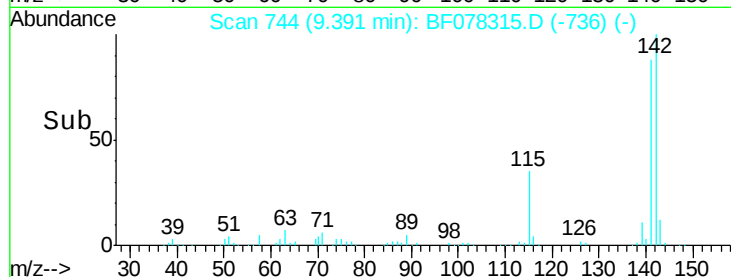
115 34.7 24.6 37.0



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: BF078315.D

Acq: 7 Apr 2015 23:22

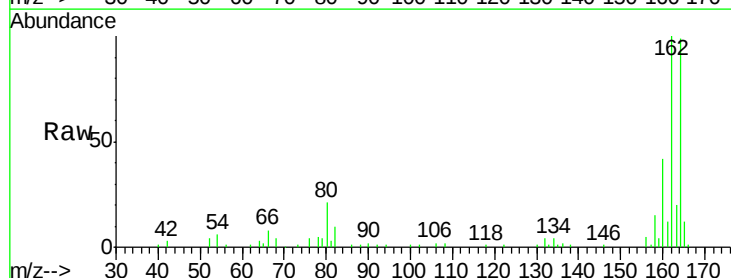
Tgt Ion:164 Resp: 60305

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.2

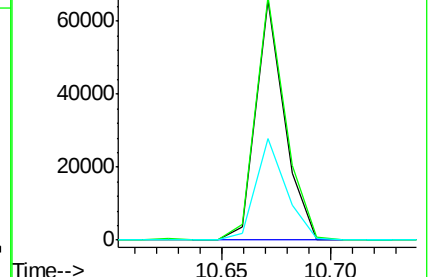
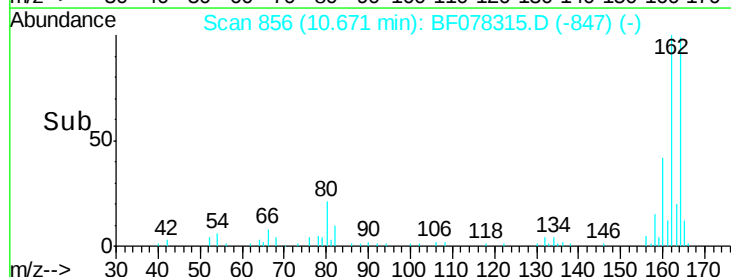
160 42.3 34.7 52.1

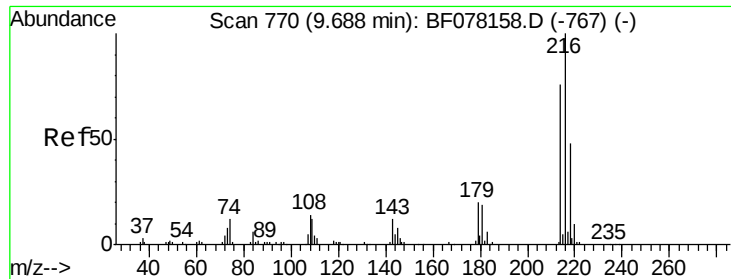


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

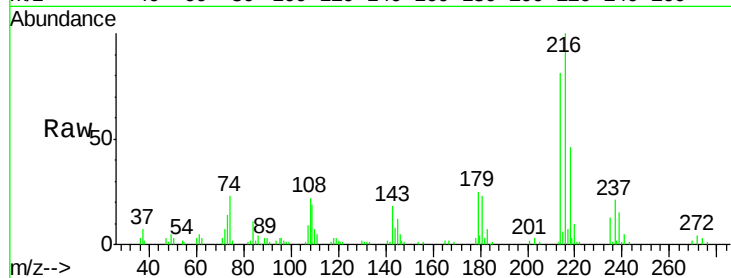




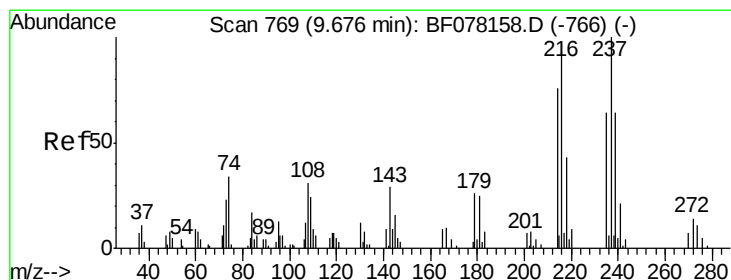
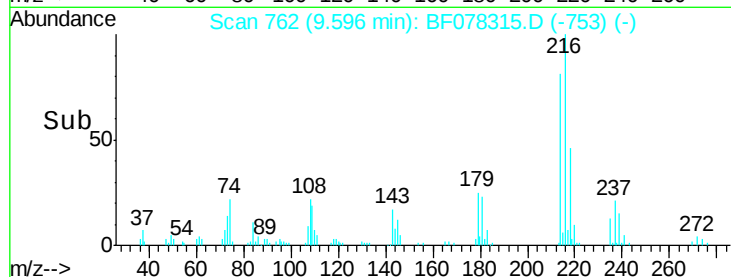
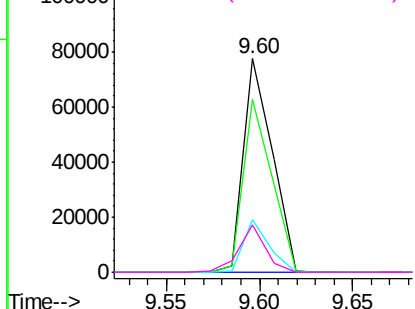
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.70 ng
 RT: 9.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tot Ion:216	Resp:	83528
Ion Ratio	Lower	Upper
216	100	
214	79.5	62.0 93.0
179	21.8	17.3 25.9
108	20.9	14.6 21.8

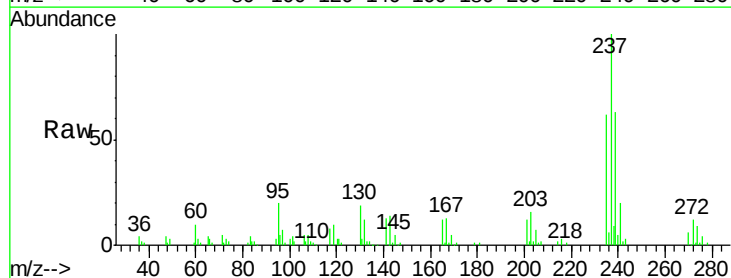


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

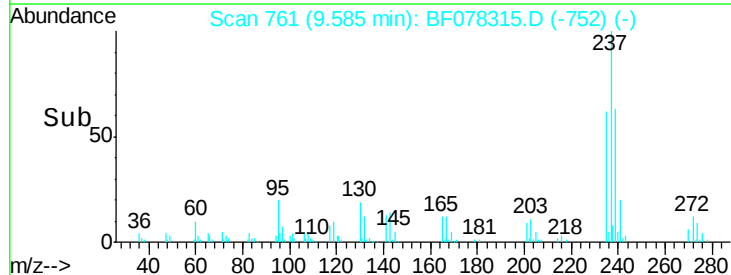
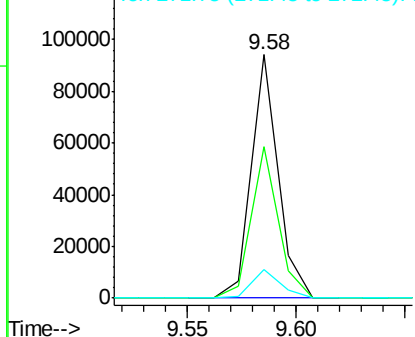


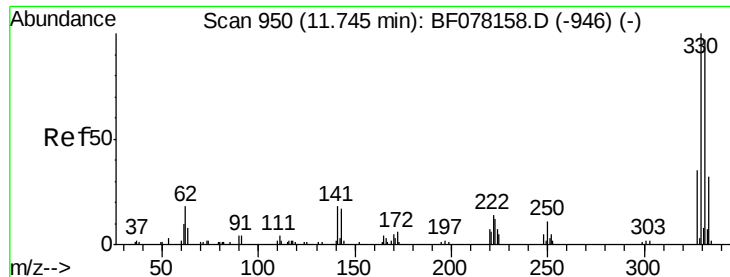
#40
 Hexachlorocyclopentadiene
 Concen: 98.34 ng
 RT: 9.58 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:237	Resp:	80480
Ion Ratio	Lower	Upper
237	100	
235	62.1	44.1 84.1
272	11.6	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: 162.06 ng

RT: 11.65 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

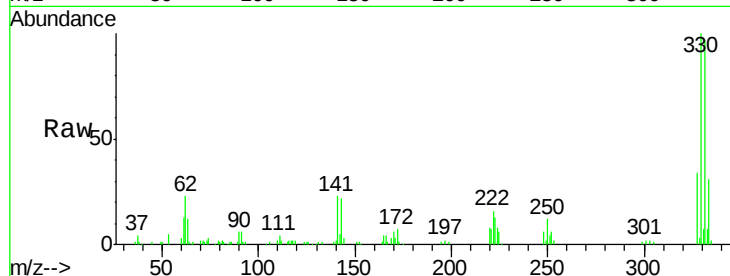
Tot Ion:330 Resp: 81054

Ion Ratio Lower Upper

330 100

332 96.8 78.6 117.8

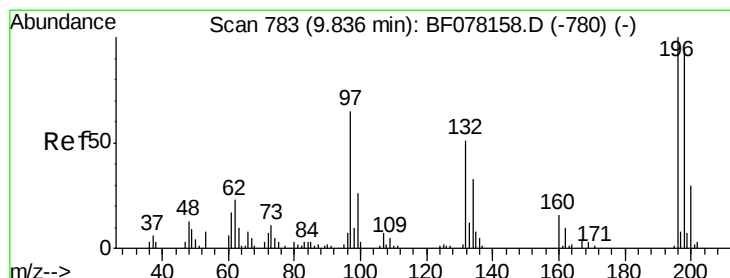
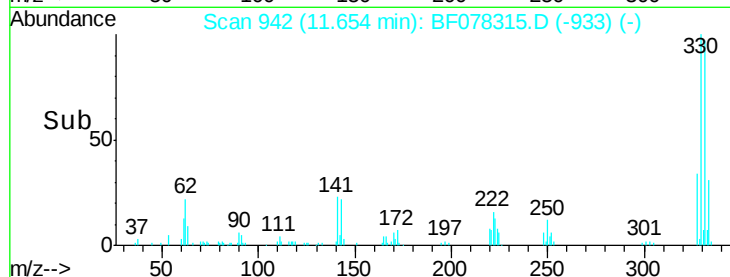
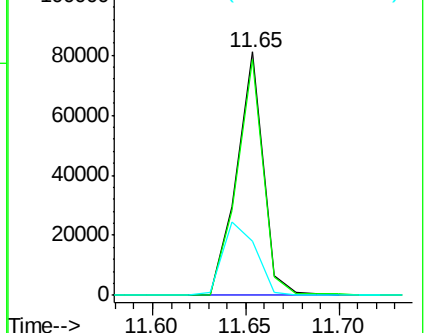
141 37.3 31.2 46.8



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: 49.87 ng

RT: 9.76 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

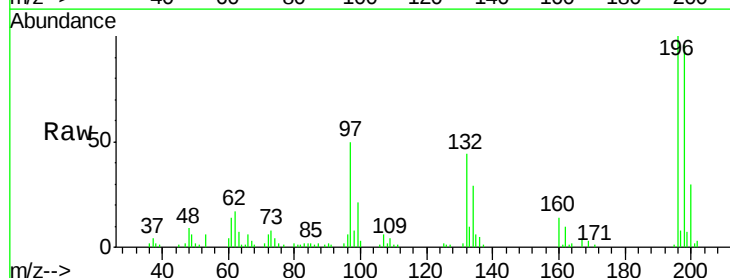
Tgt Ion:196 Resp: 58764

Ion Ratio Lower Upper

196 100

198 96.4 75.4 113.2

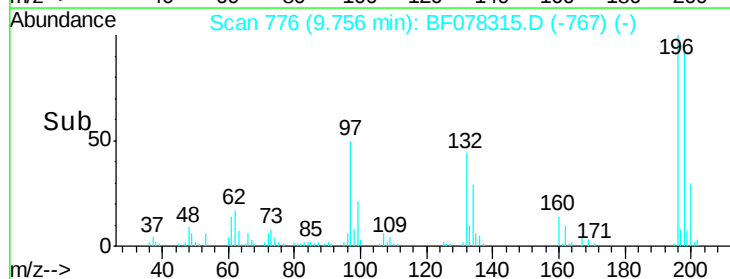
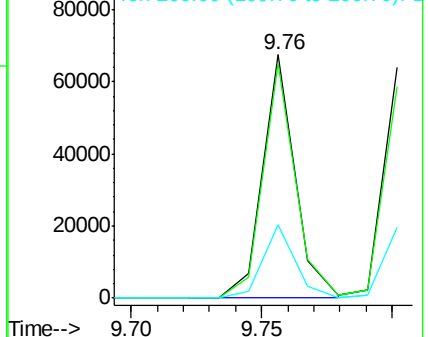
200 30.3 24.0 36.0



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

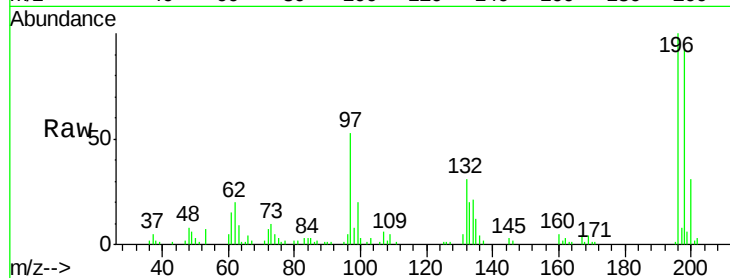




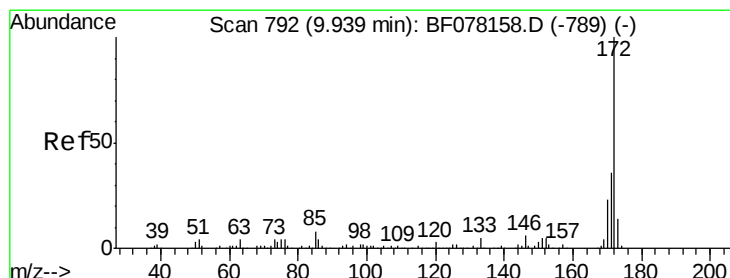
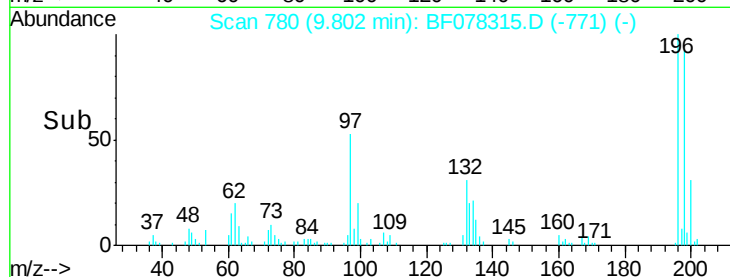
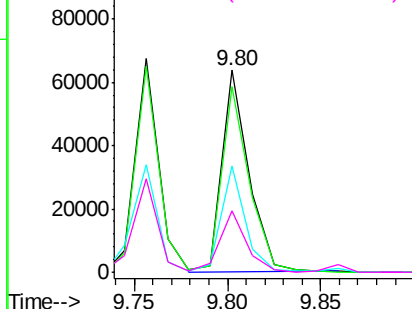
#43
 2,4,5-Trichlorophenol
 Concen: 51.94 ng
 RT: 9.80 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tot Ion:196 Resp: 63940
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.6 115.0
 97 52.8 50.6 75.8
 132 30.6 27.7 41.5

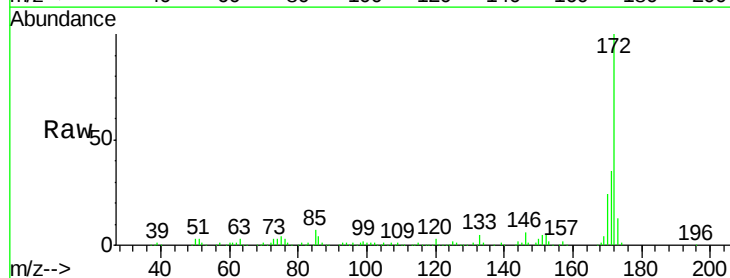


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

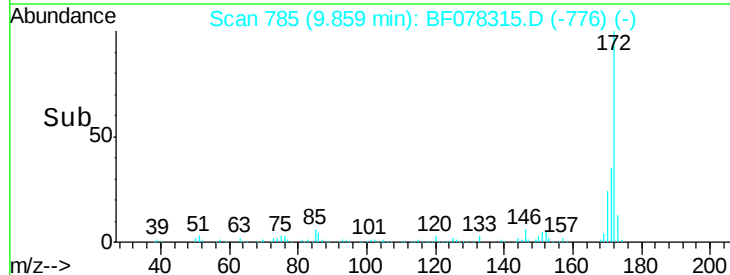
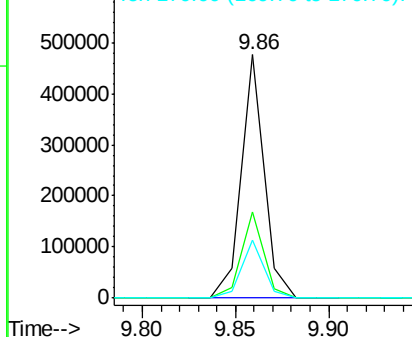


#44
 2-Fluorobiphenyl
 Concen: 96.62 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:172 Resp: 407638
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.7 18.5 27.7



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





#45

1,1'-Biphenyl

Concen: 47.21 ng

RT: 9.97 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

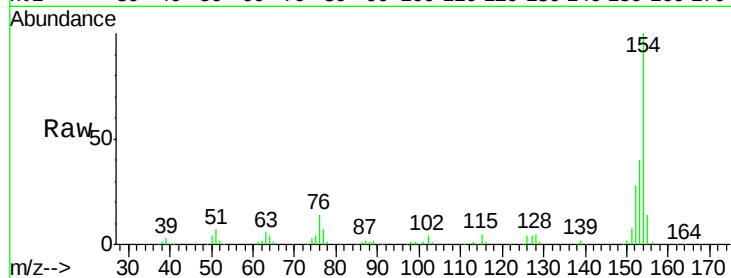
Tot Ion:154 Resp: 232867

Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

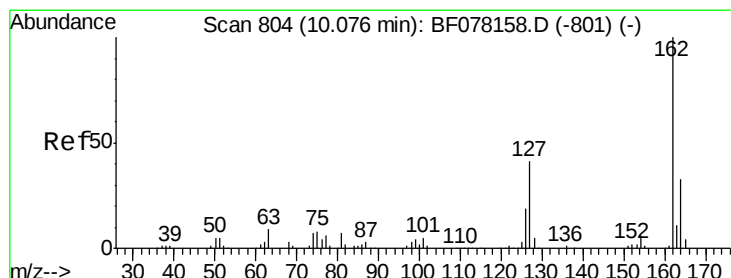
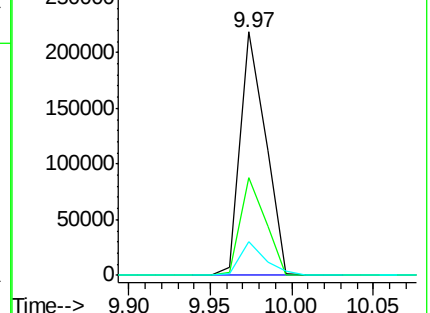
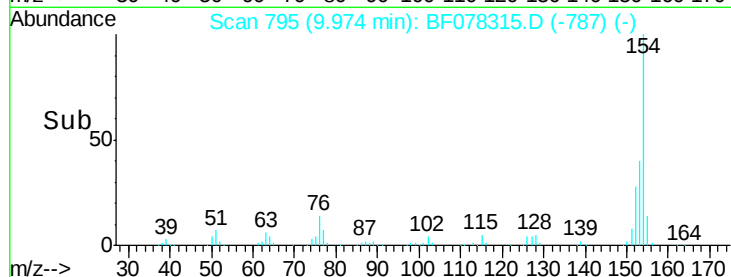
76 14.0 0.0 30.6



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: 48.28 ng

RT: 10.00 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

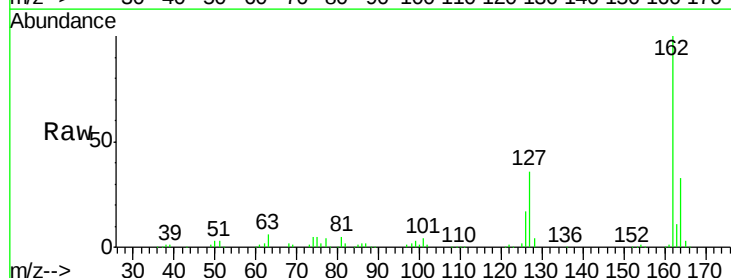
Tgt Ion:162 Resp: 187368

Ion Ratio Lower Upper

162 100

127 36.0 32.6 49.0

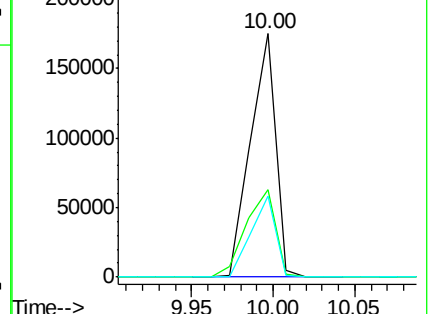
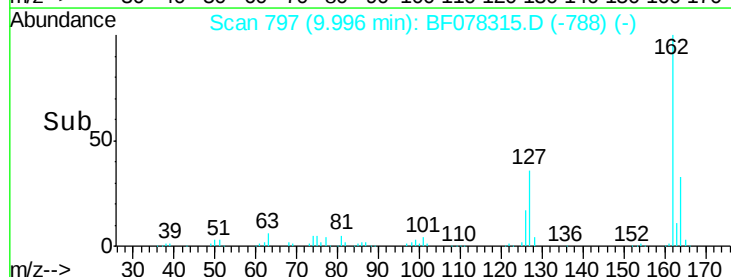
164 33.4 26.0 39.0

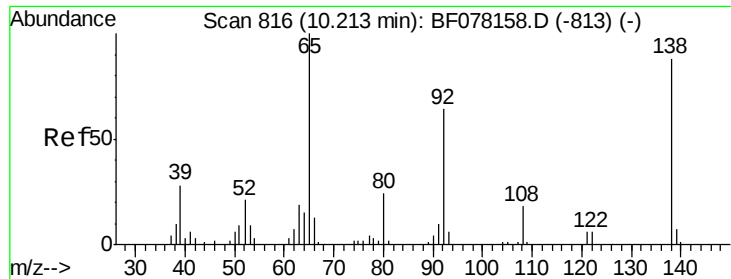


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

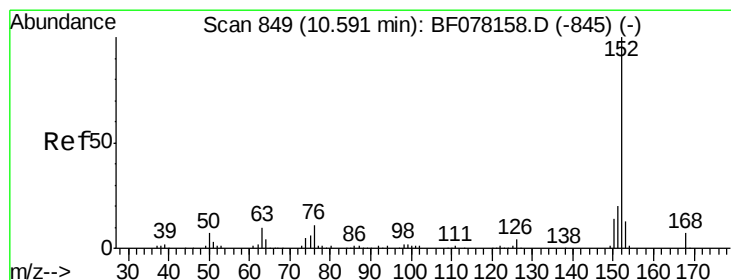
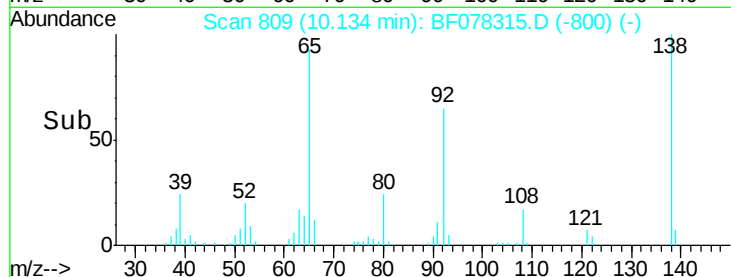
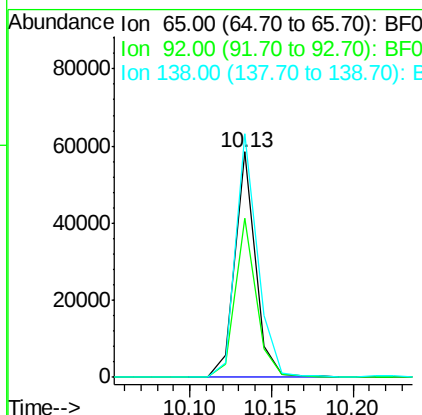
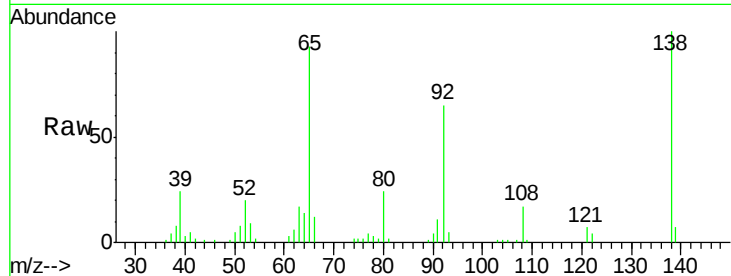




#47
2-Nitroaniline
Concen: 52.86 ng
RT: 10.13 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

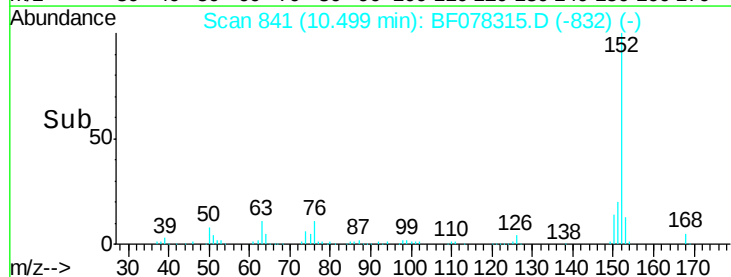
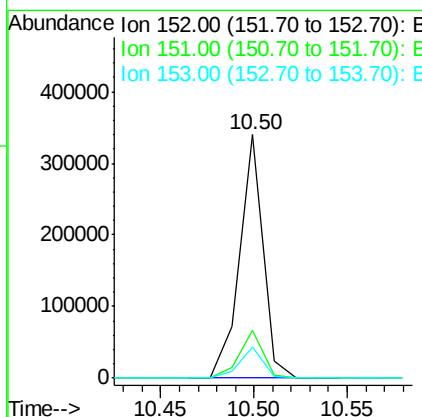
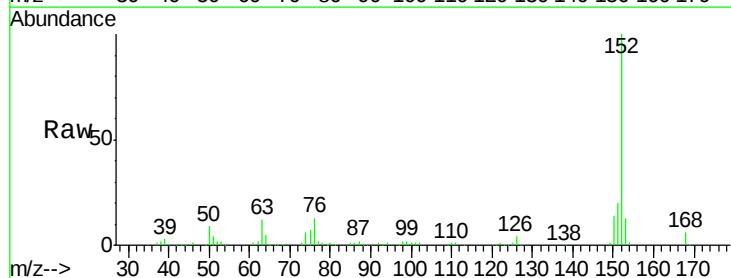
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

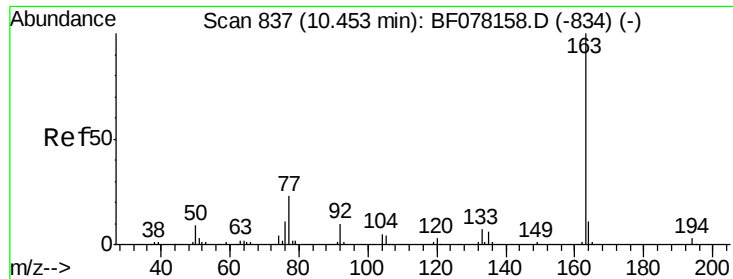
Tot Ion: 65 Resp: 50754
Ion Ratio Lower Upper
65 100
92 70.5 51.3 76.9
138 108.1 70.4 105.6#



#48
Acenaphthylene
Concen: 47.77 ng
RT: 10.50 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion: 152 Resp: 299368
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 12.9 10.2 15.2

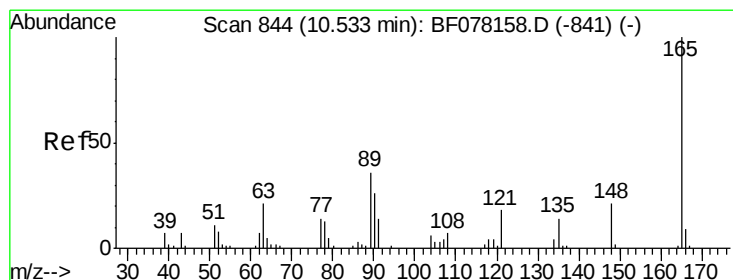
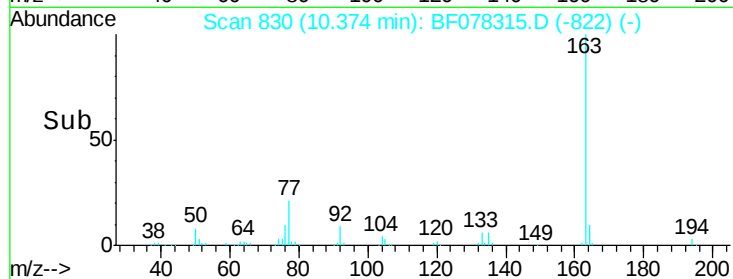
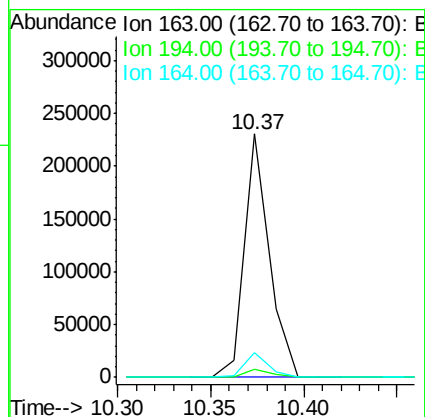
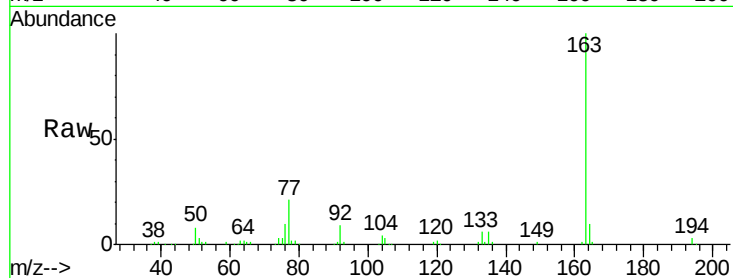




#49
Dimethylphthalate
Concen: 47.17 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

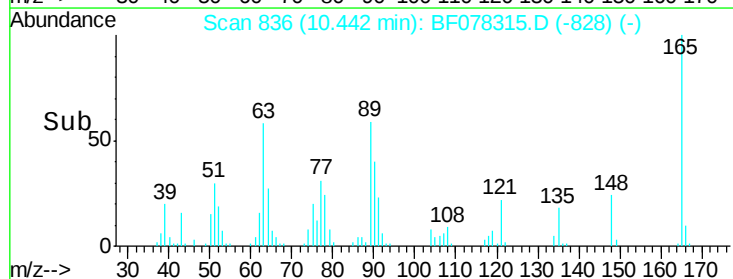
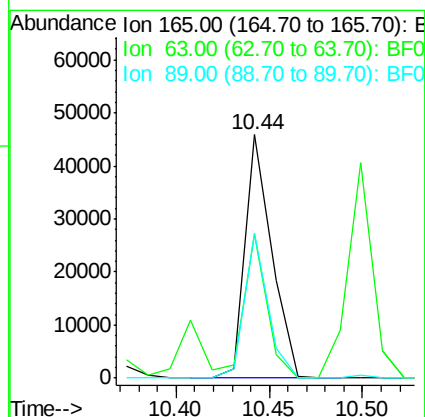
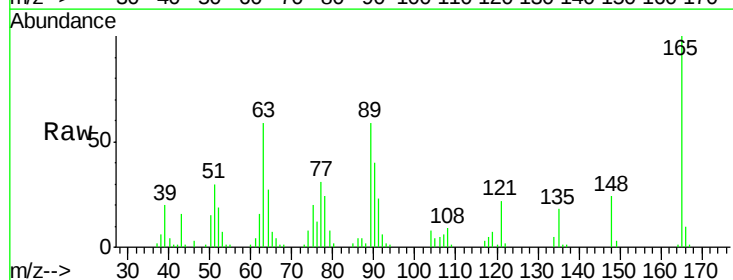
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tot Ion:163 Resp: 213708
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 10.4 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 49.01 ng
RT: 10.44 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion:165 Resp: 45682
Ion Ratio Lower Upper
165 100
63 59.3 24.1 36.1#
89 59.3 28.9 43.3#





#51

Acenaphthene

Concen: 48.93 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

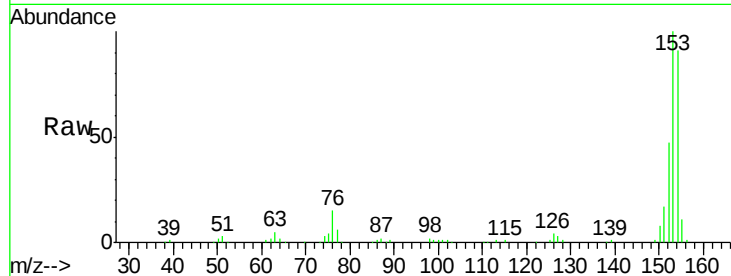
Tot Ion:154 Resp: 172662

Ion Ratio Lower Upper

154 100

153 110.2 91.4 137.2

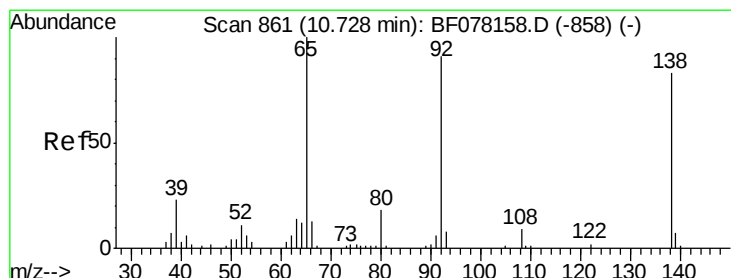
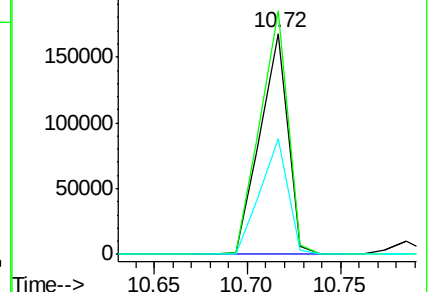
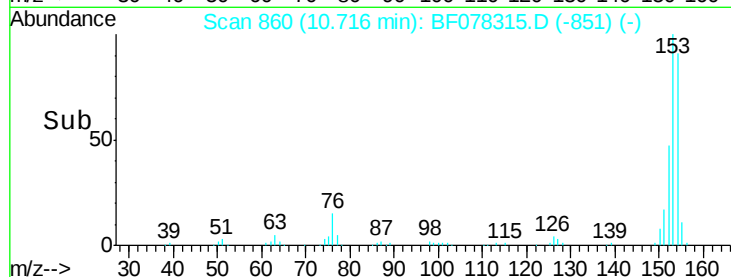
152 52.1 43.0 64.6



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: 33.50 ng

RT: 10.65 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

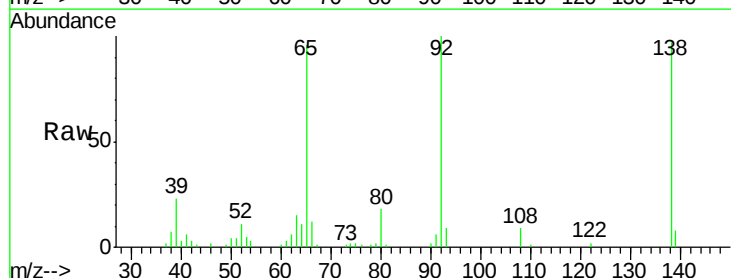
Tgt Ion:138 Resp: 35506

Ion Ratio Lower Upper

138 100

108 9.5 8.2 12.4

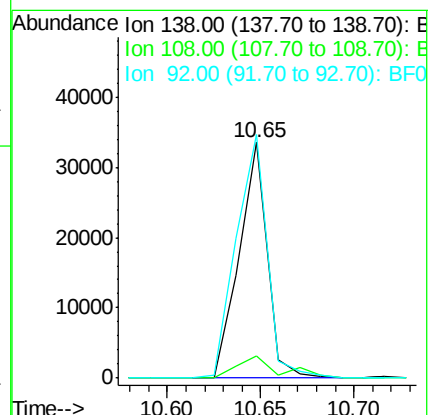
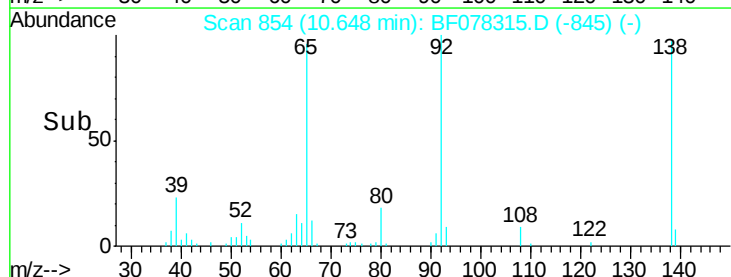
92 103.2 88.4 132.6

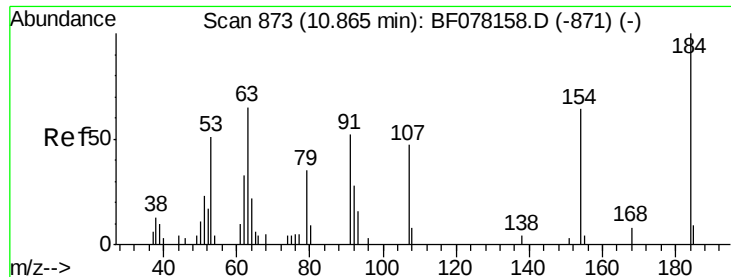


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

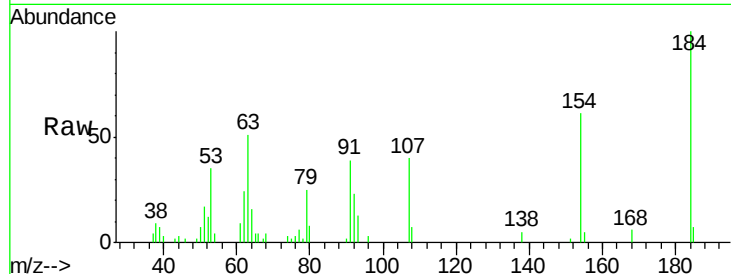




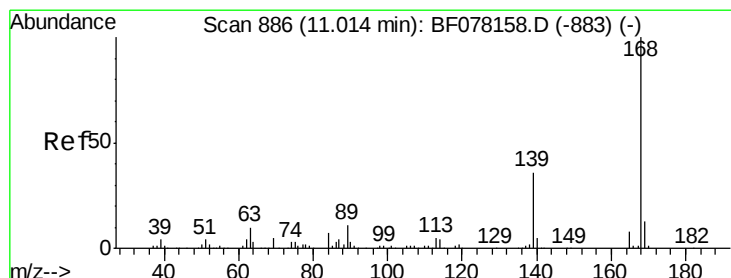
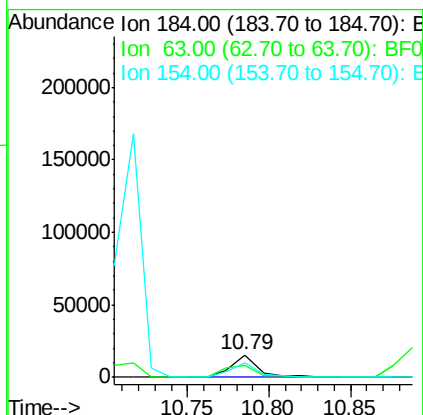
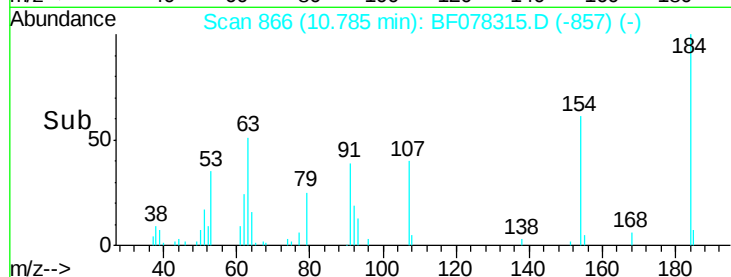
#53
 2,4-Dinitrophenol
 Concen: 58.99 ng
 RT: 10.79 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tot Ion:184 Resp: 18454
 Ion Ratio Lower Upper
 184 100
 63 51.0 51.9 77.9#
 154 61.4 51.0 76.4

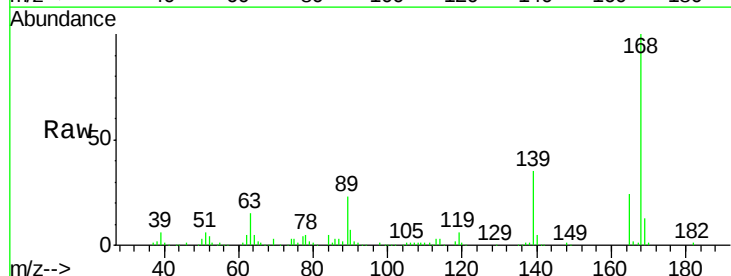


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

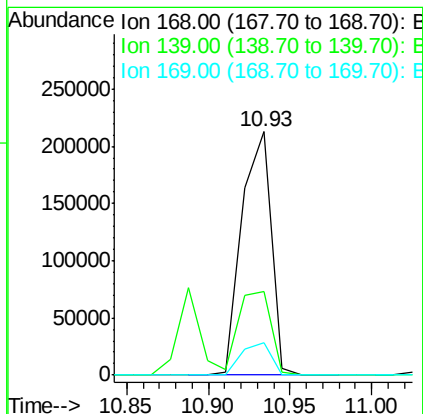
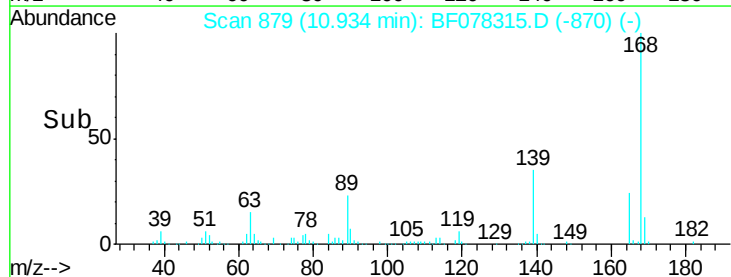


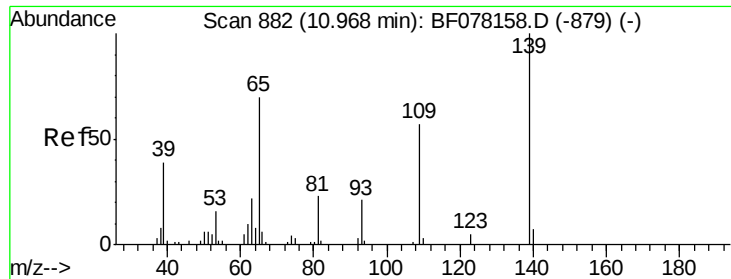
#54
 Dibenzofuran
 Concen: 49.17 ng
 RT: 10.93 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:168 Resp: 264981
 Ion Ratio Lower Upper
 168 100
 139 34.6 31.0 46.4
 169 13.1 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

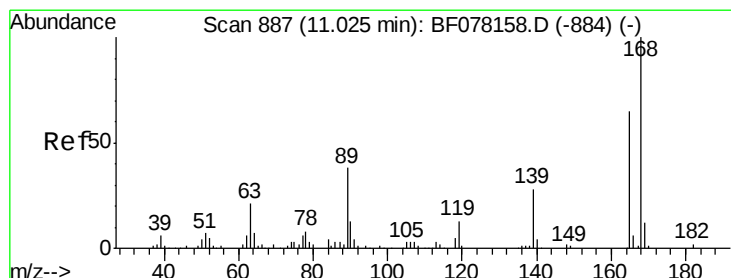
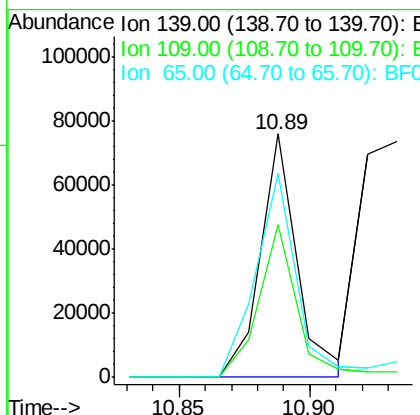
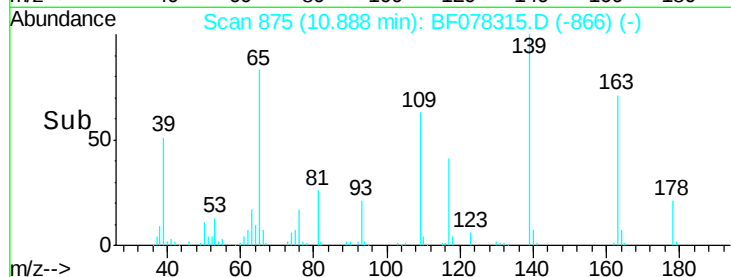
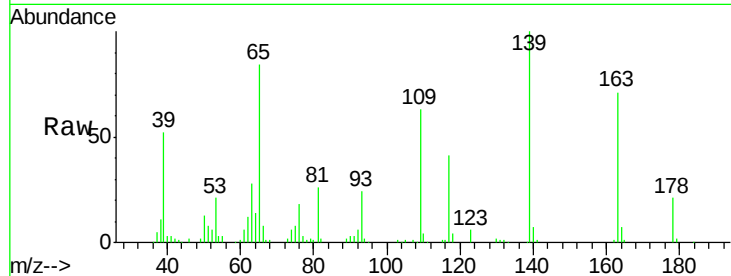




#55
4-Nitrophenol
Concen: 94.27 ng
RT: 10.89 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

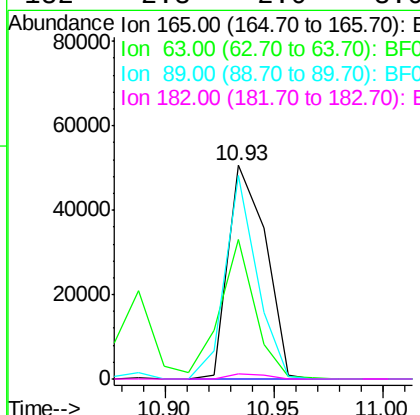
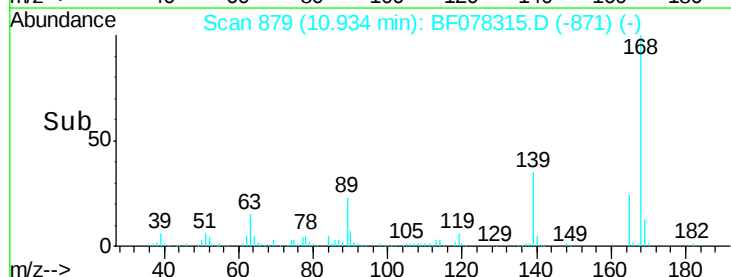
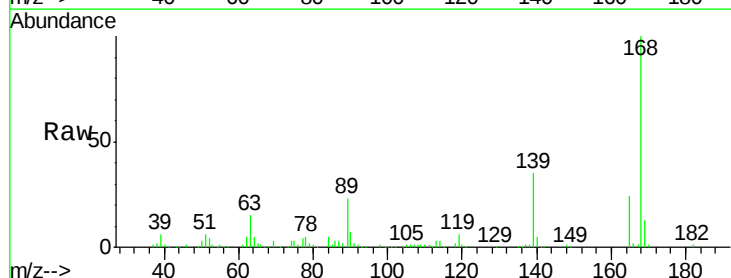
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

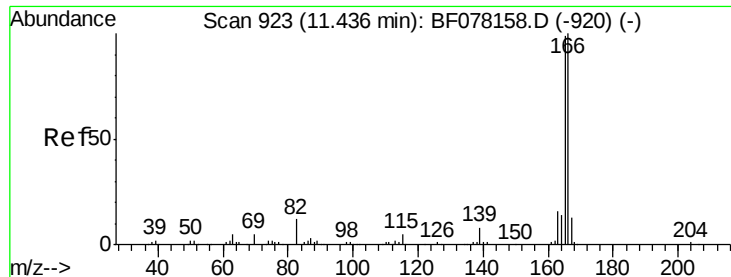
Tot Ion:139 Resp: 73973
Ion Ratio Lower Upper
139 100
109 62.9 36.7 76.7
65 83.6 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 50.12 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion:165 Resp: 60510
Ion Ratio Lower Upper
165 100
63 65.1 26.5 39.7#
89 95.4 46.4 69.6#
182 2.3 2.0 3.0

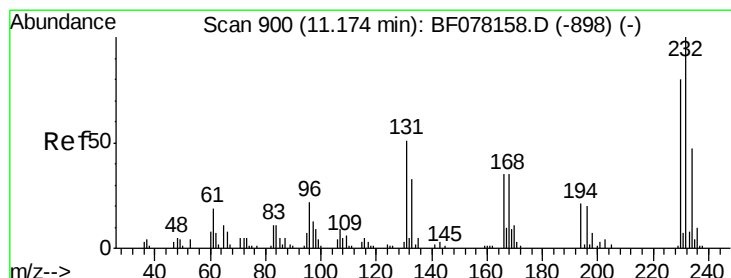
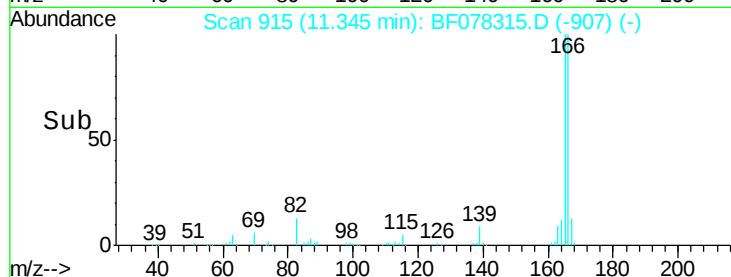
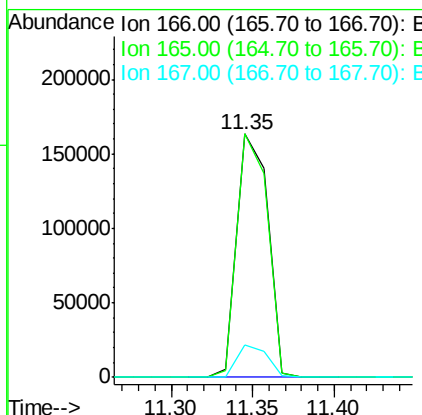
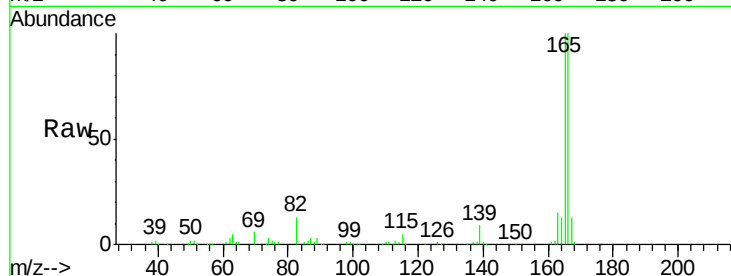




#57
 Fluorene
 Concen: 48.95 ng
 RT: 11.35 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

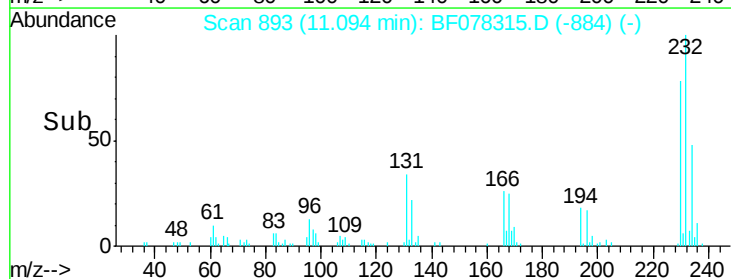
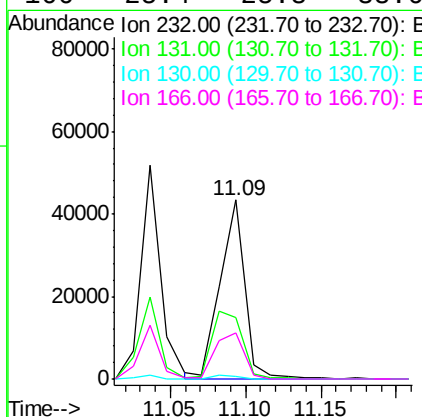
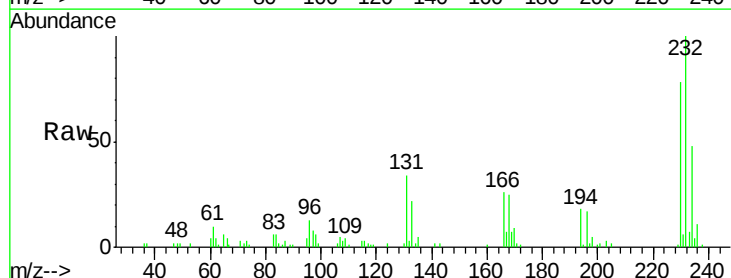
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

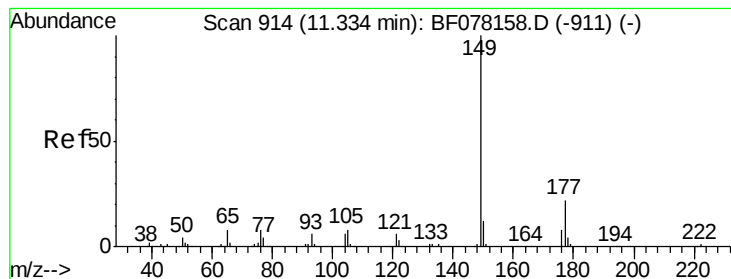
Tot Ion:166 Resp: 213819
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.9 118.3
 167 13.2 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.47 ng m
 RT: 11.09 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:232 Resp: 49713
 Ion Ratio Lower Upper
 232 100
 131 39.0 37.8 56.8
 130 2.0 1.5 2.3
 166 25.4 25.8 38.6#





#59

Diethylphthalate

Concen: 49.02 ng

RT: 11.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

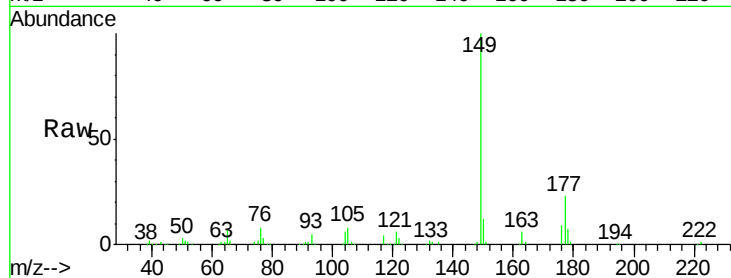
Tot Ion:149 Resp: 214162

Ion Ratio Lower Upper

149 100

177 22.8 17.4 26.2

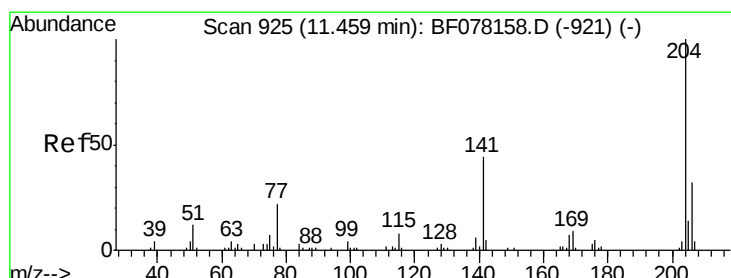
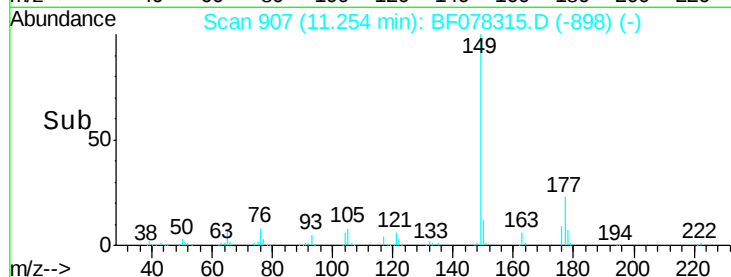
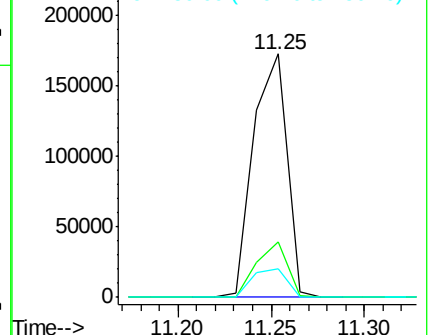
150 11.7 9.4 14.2



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: 49.68 ng

RT: 11.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

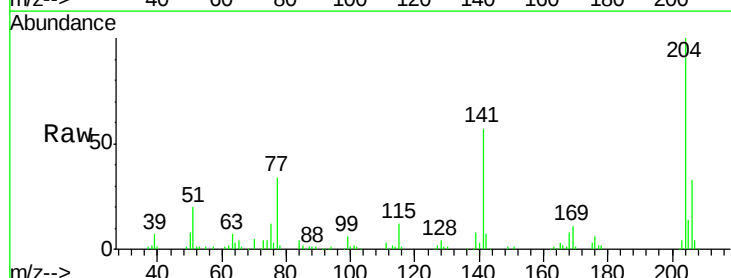
Tgt Ion:204 Resp: 99842

Ion Ratio Lower Upper

204 100

206 33.3 25.6 38.4

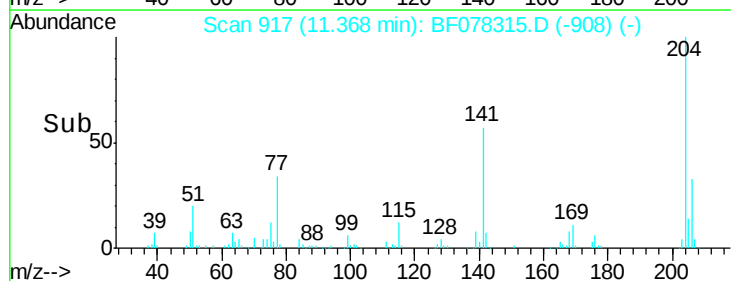
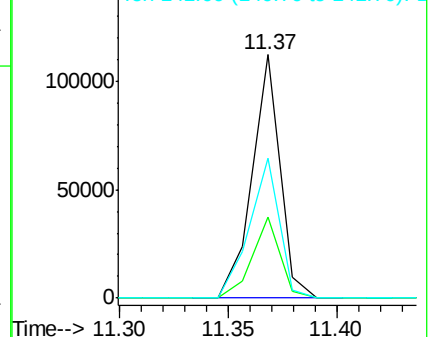
141 57.2 35.4 53.0#

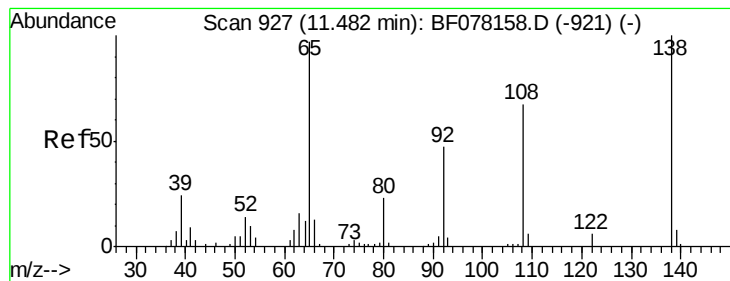


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.89 ng

RT: 11.39 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

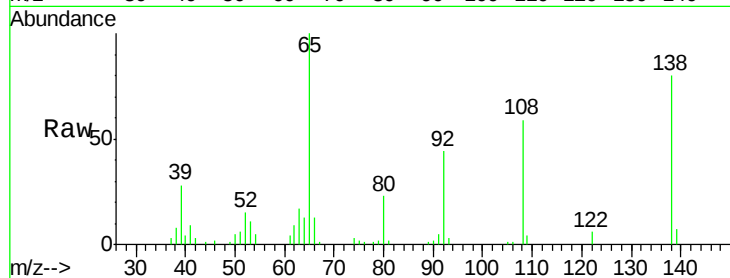
Tot Ion:138 Resp: 45958

Ion Ratio Lower Upper

138 100

92 55.5 27.3 67.3

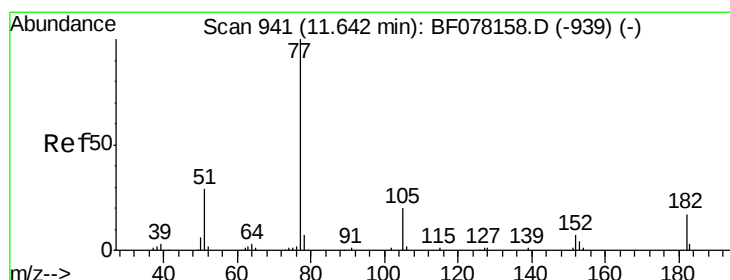
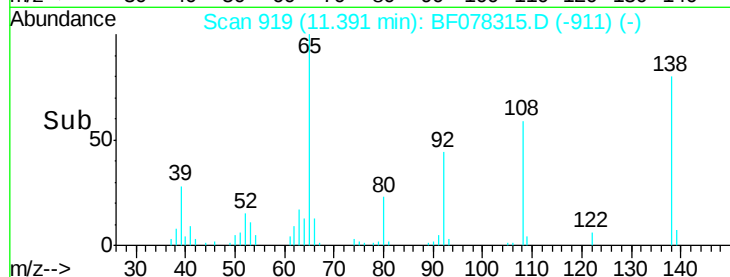
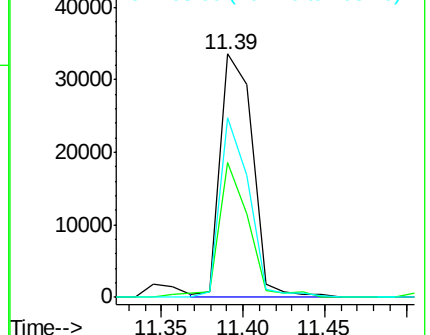
108 74.0 47.2 87.2



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: 55.33 ng

RT: 11.56 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Tgt Ion: 77 Resp: 220577

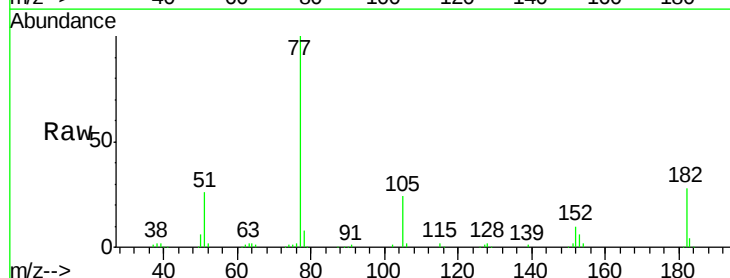
Ion Ratio Lower Upper

77 100

182 28.0 0.0 36.8

105 24.3 0.3 40.3

51 26.3 9.1 49.1

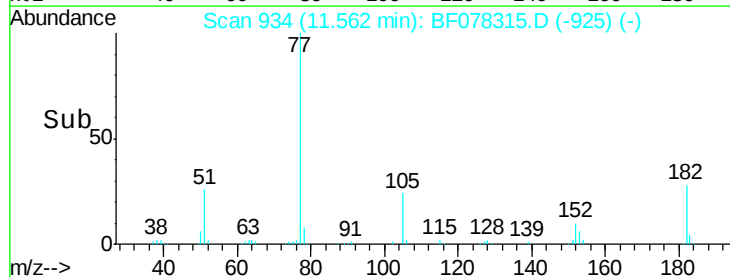
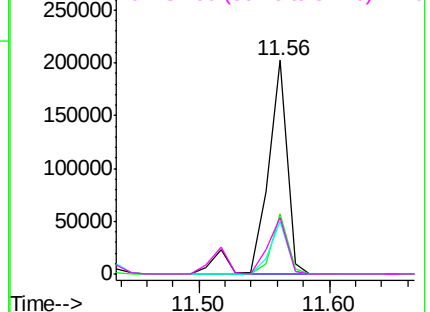


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

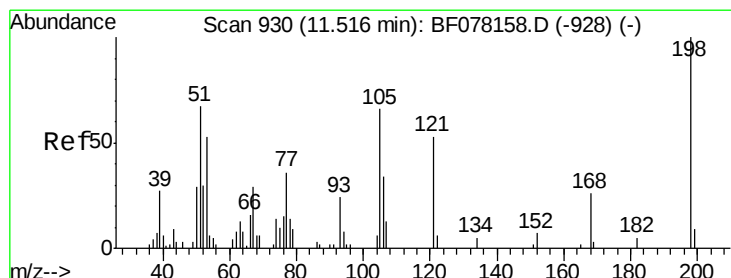
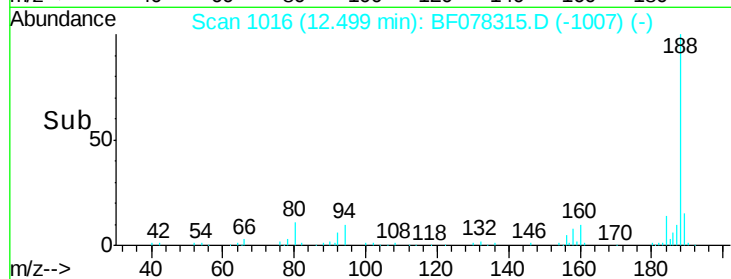
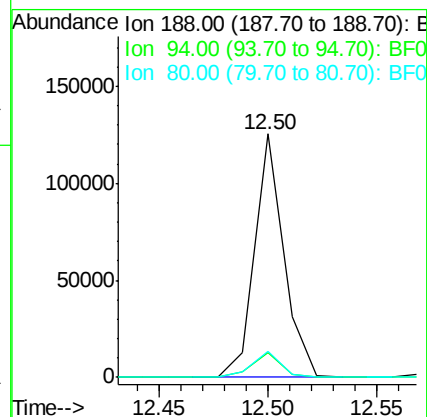
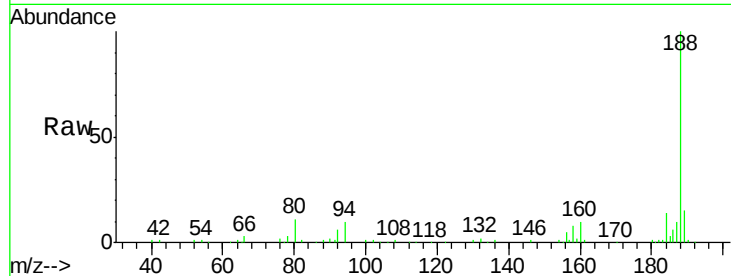




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

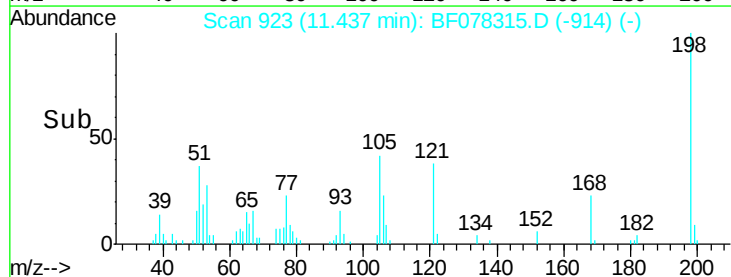
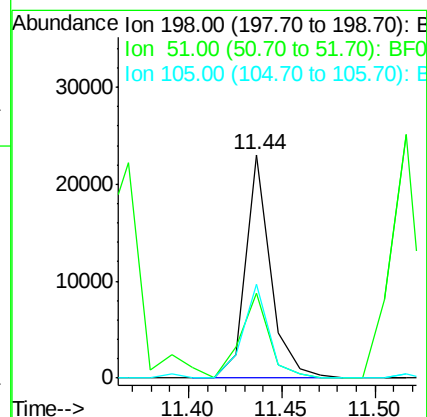
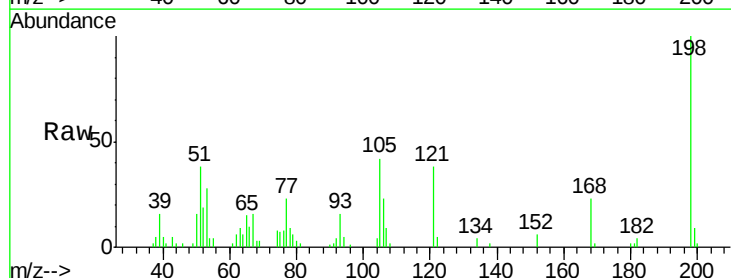
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.5	9.5	14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.25 ng
 RT: 11.44 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.1	48.6	88.6#
105	42.1	45.8	85.8#

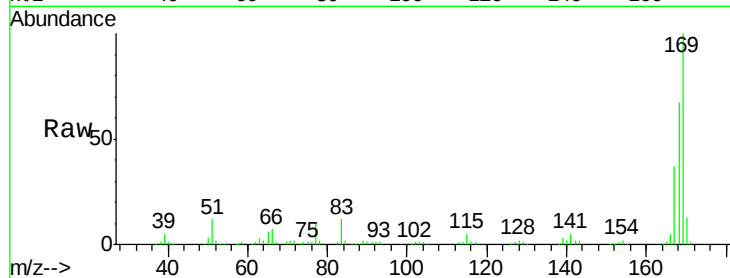




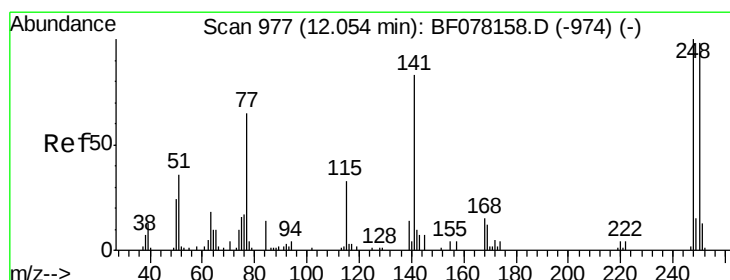
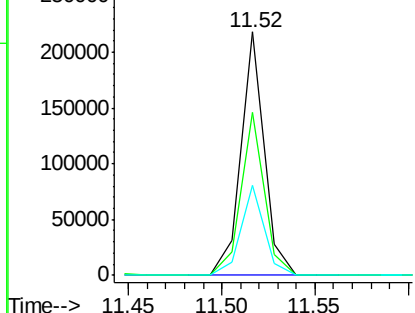
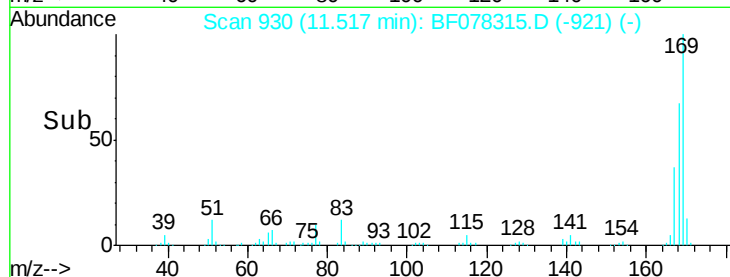
#65
 n-Nitrosodiphenylamine
 Concen: 47.46 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	55.0	82.4
167	36.8	29.3	43.9

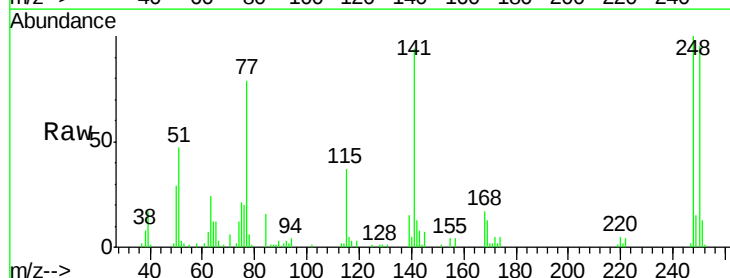


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

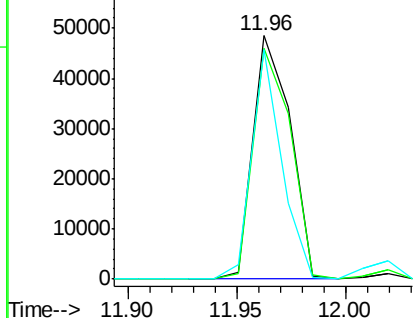
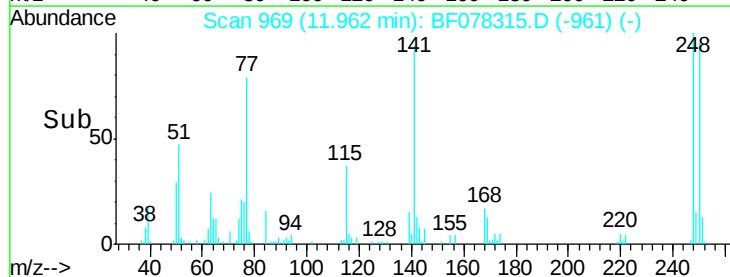


#66
 4-Bromophenyl-phenylether
 Concen: 47.13 ng
 RT: 11.96 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.7	78.2	117.2
141	94.2	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

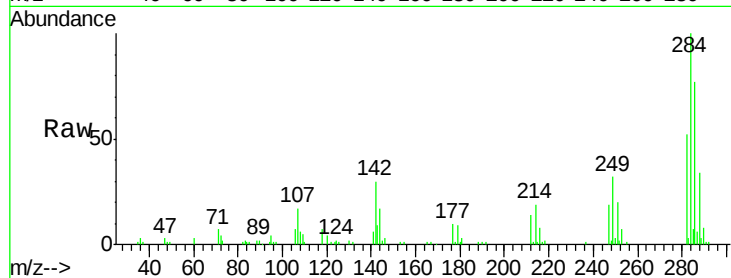




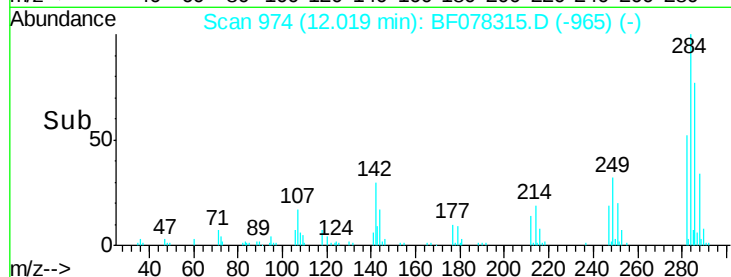
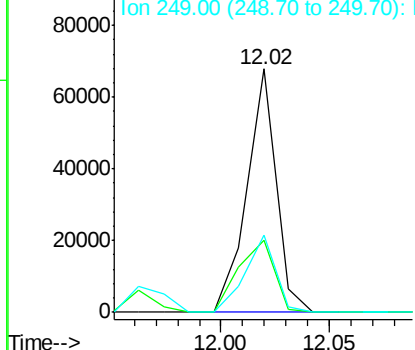
#67
Hexachlorobenzene
Concen: 46.77 ng
RT: 12.02 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tot Ion:284 Resp: 63245
Ion Ratio Lower Upper
284 100
142 29.8 24.5 36.7
249 32.0 24.8 37.2

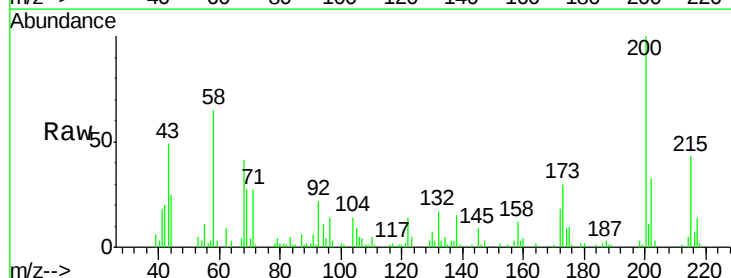


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

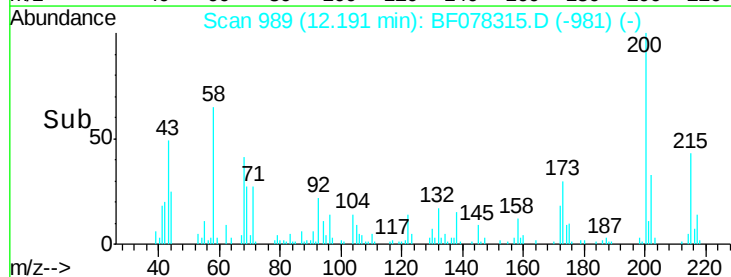
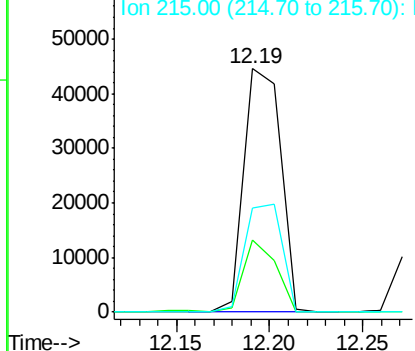


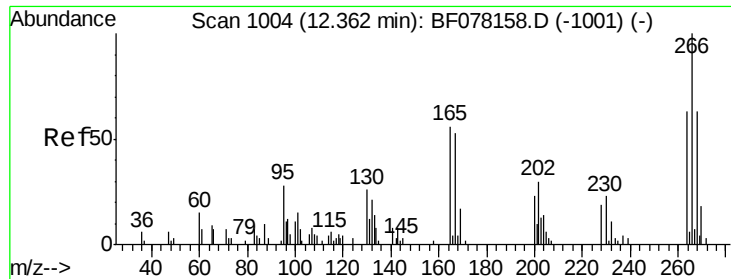
#68
Atrazine
Concen: 52.23 ng
RT: 12.19 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion:200 Resp: 60968
Ion Ratio Lower Upper
200 100
173 29.6 6.9 46.9
215 43.0 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

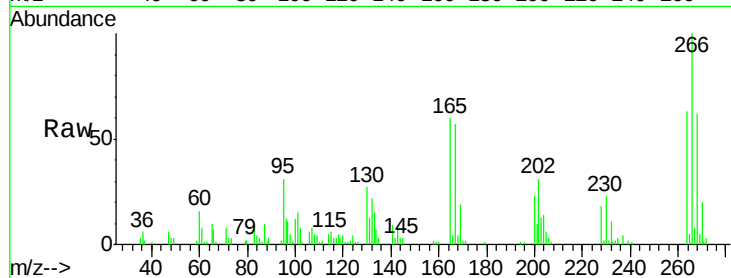




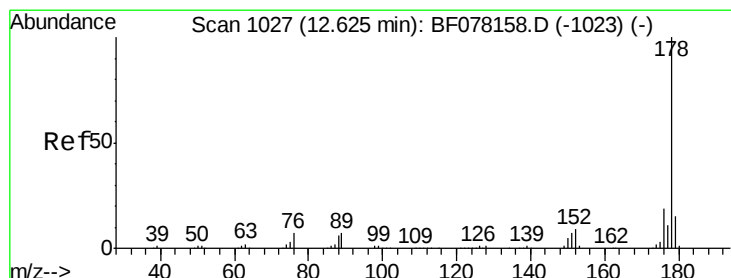
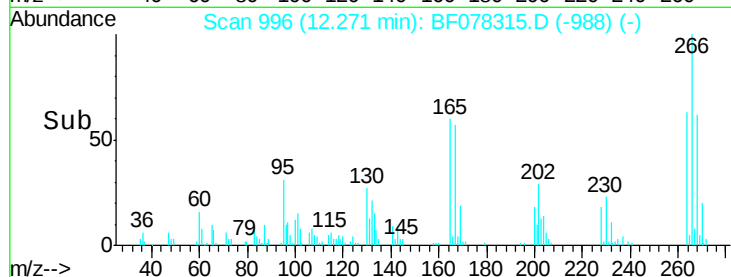
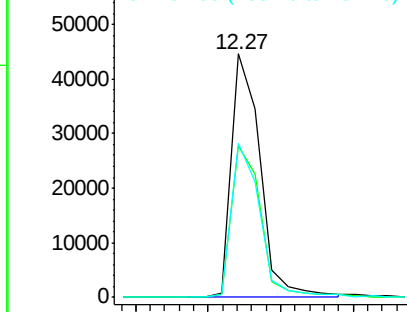
#69
 Pentachlorophenol
 Concen: 100.25 ng
 RT: 12.27 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tot Ion:266 Resp: 61413
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.1 75.1
 264 63.2 50.0 75.0

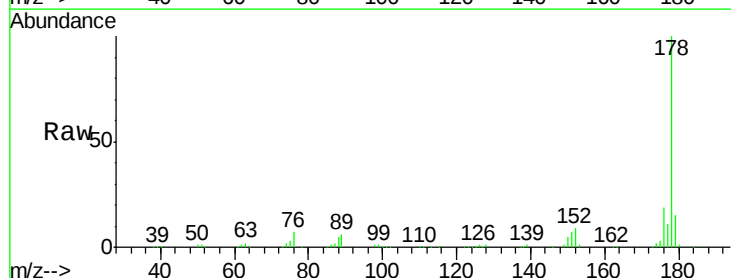


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

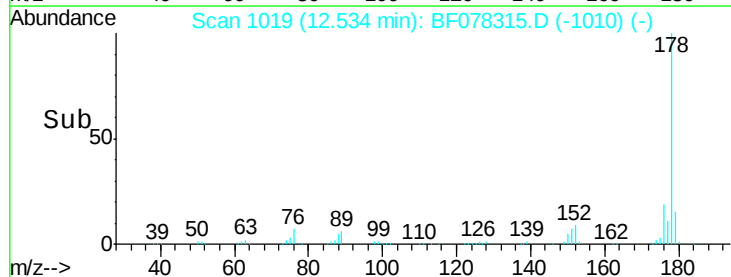
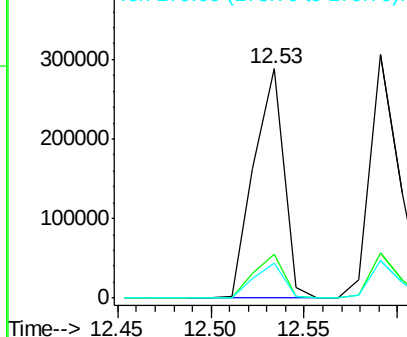


#70
 Phenanthrene
 Concen: 47.61 ng
 RT: 12.53 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:178 Resp: 320899
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.2 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

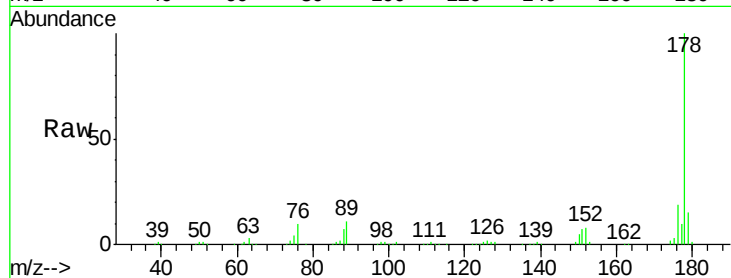




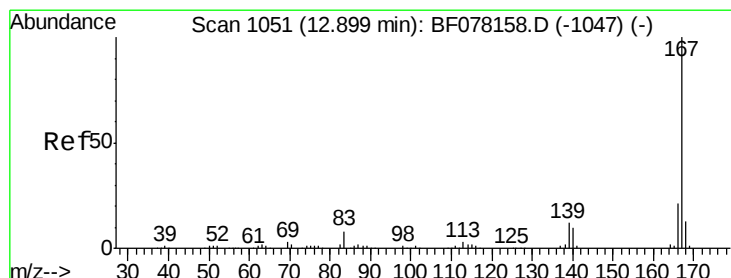
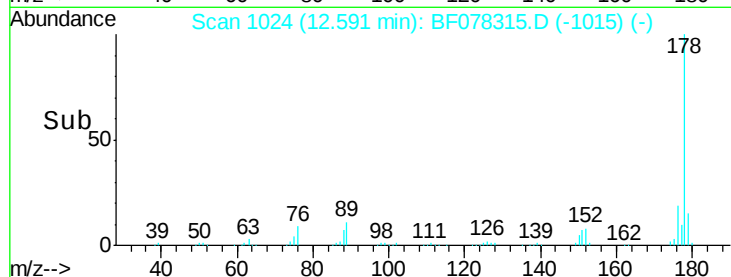
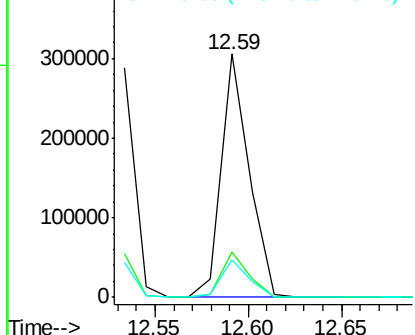
#71
 Anthracene
 Concen: 47.85 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tot Ion:178 Resp: 317802
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 15.5 12.4 18.6

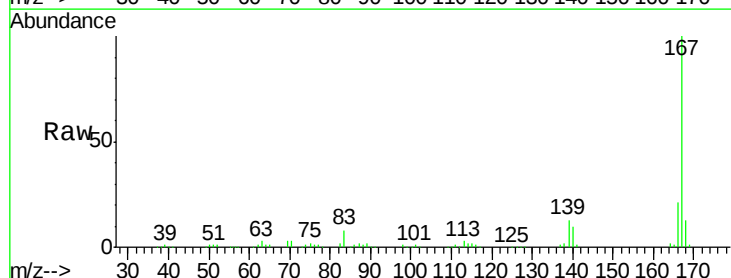


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

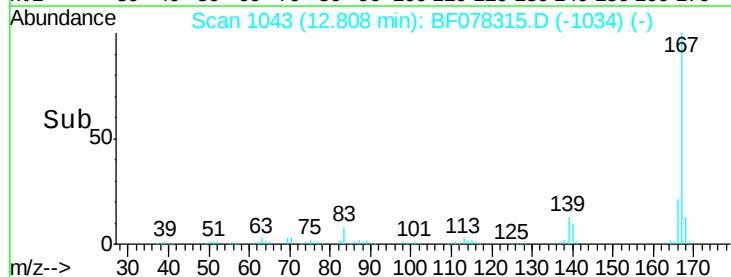
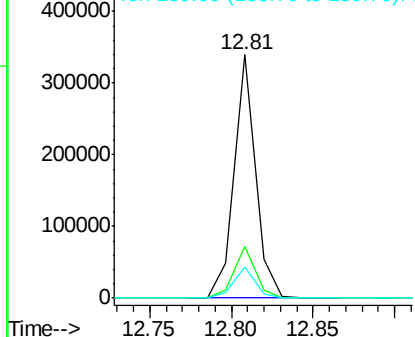


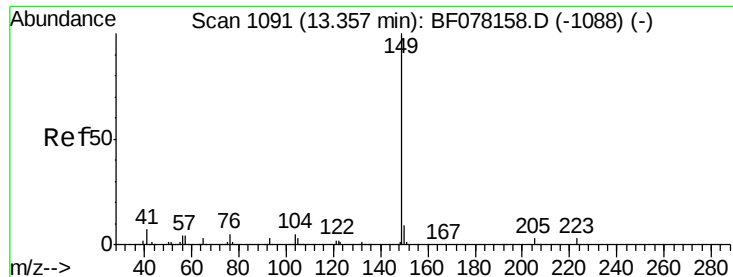
#72
 Carbazole
 Concen: 49.32 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:167 Resp: 306960
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.8 25.2
 139 12.8 10.0 15.0



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





#73

Di-n-butylphthalate

Concen: 50.13 ng

RT: 13.28 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

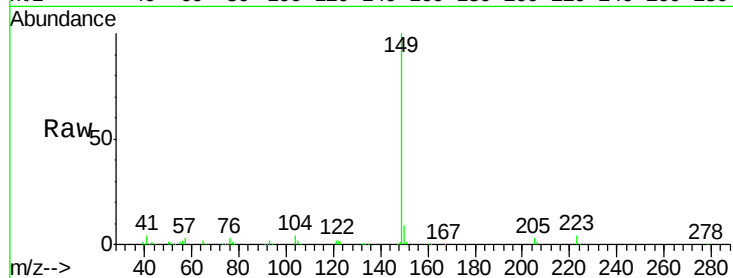
Tot Ion:149 Resp: 353439

Ion Ratio Lower Upper

149 100

150 8.6 7.1 10.7

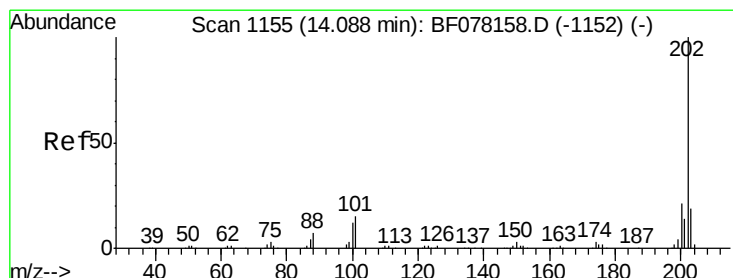
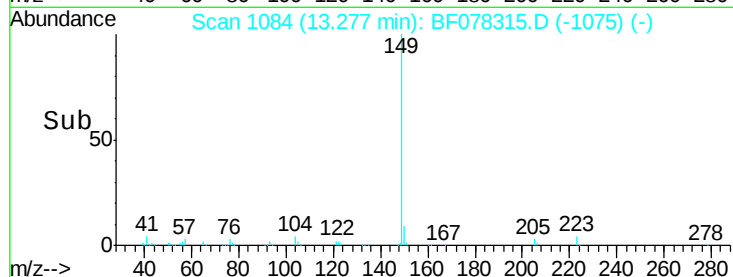
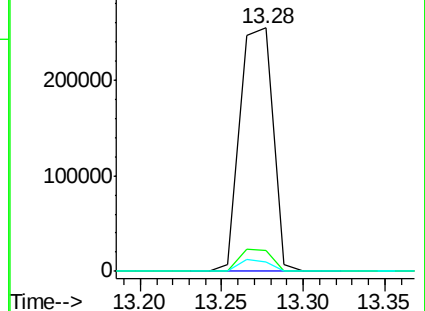
104 4.0 3.8 5.6



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: 49.58 ng

RT: 14.00 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

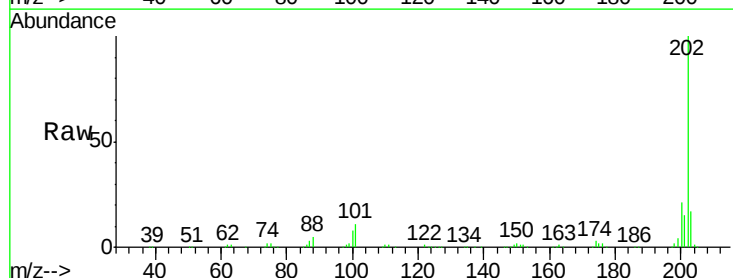
Tgt Ion:202 Resp: 352424

Ion Ratio Lower Upper

202 100

101 10.8 0.0 35.2

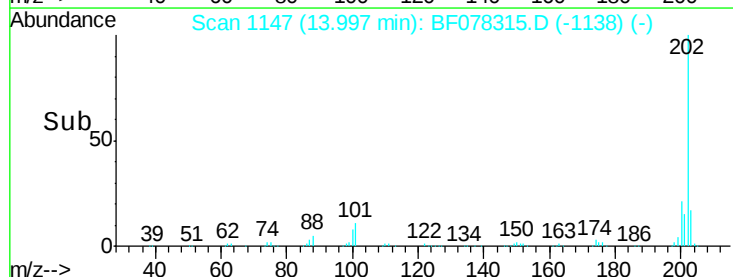
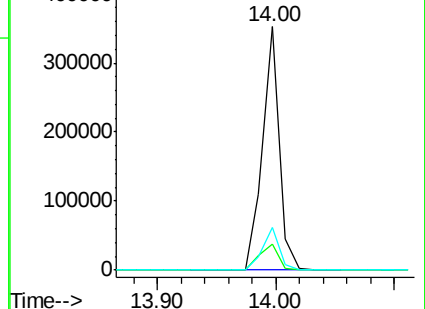
203 17.4 0.0 38.5

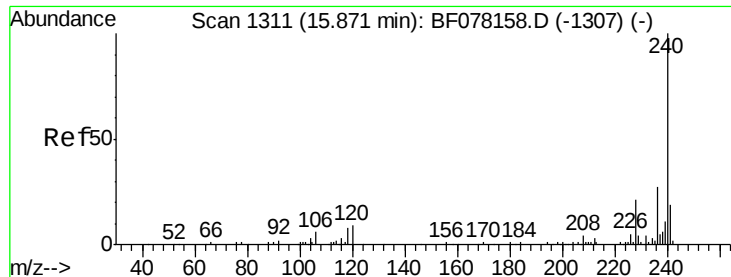


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

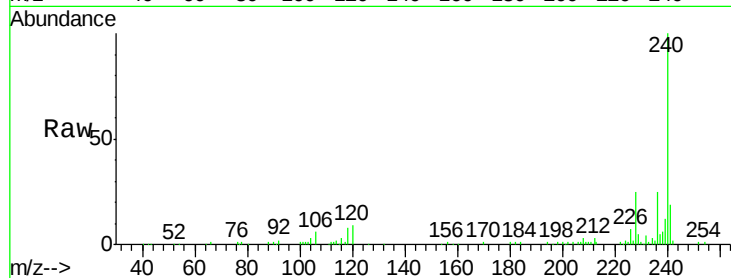




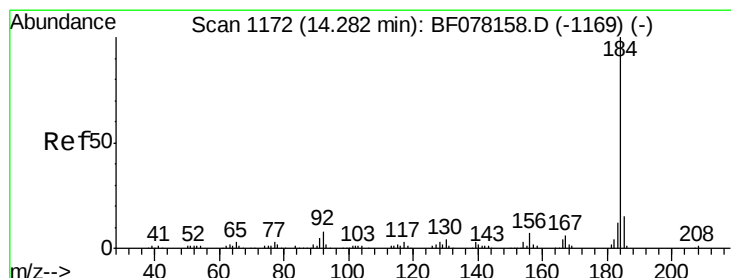
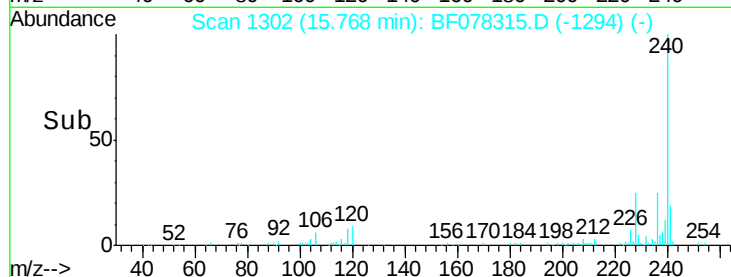
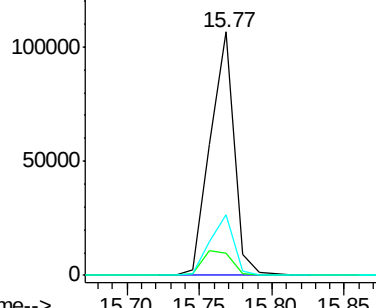
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tot Ion:240 Resp: 121957
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 24.9 21.4 32.2

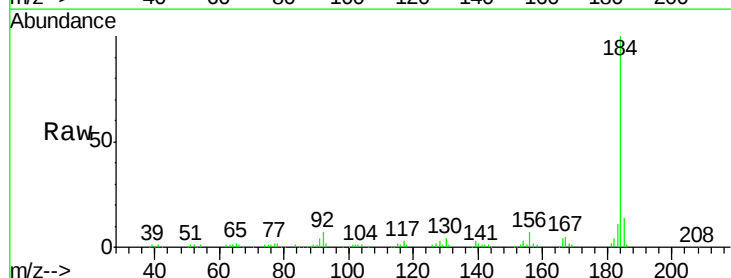


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

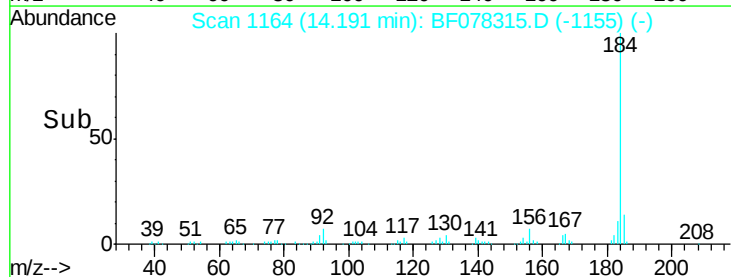
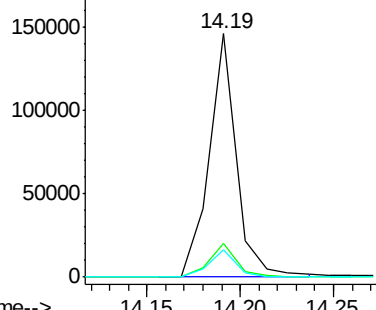


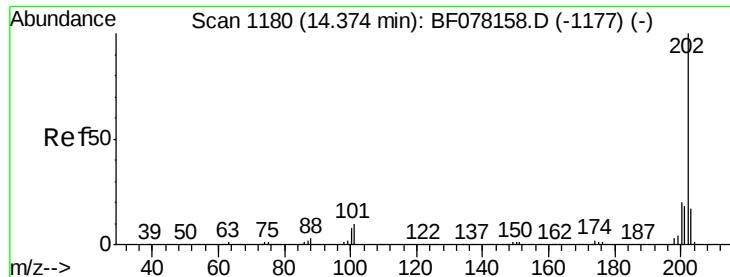
#76
Benzidine
Concen: 31.78 ng
RT: 14.19 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion:184 Resp: 149256
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 11.3 9.5 14.3



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

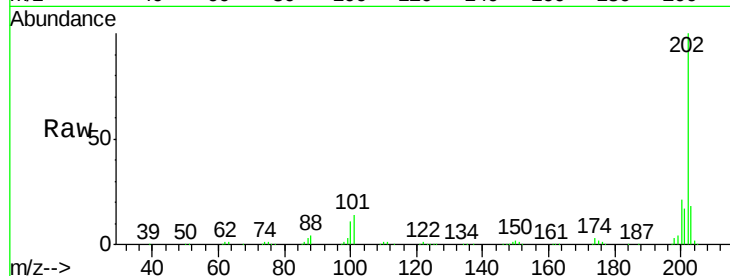




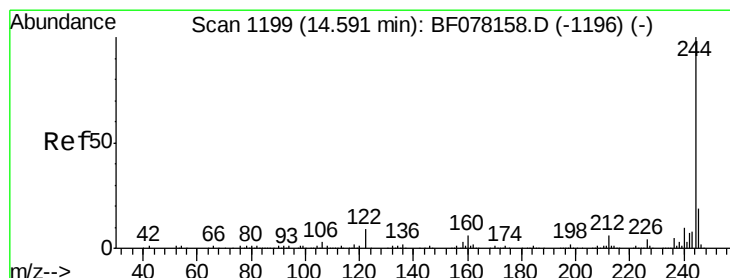
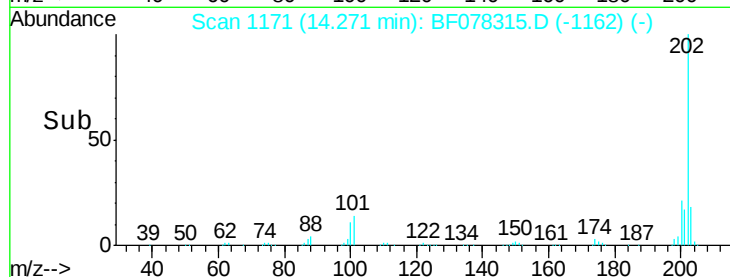
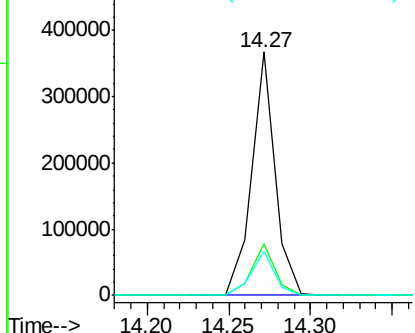
#77
Pvrene
Concen: 47.72 ng
RT: 14.27 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	18.0	13.8	20.6

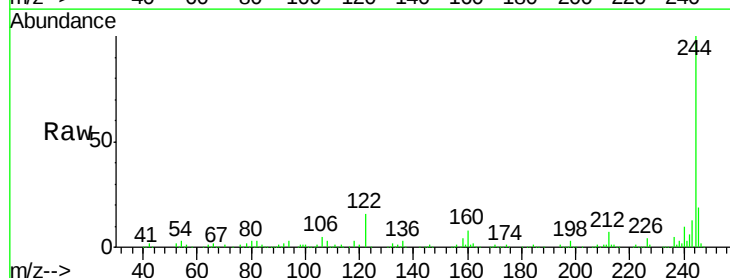


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

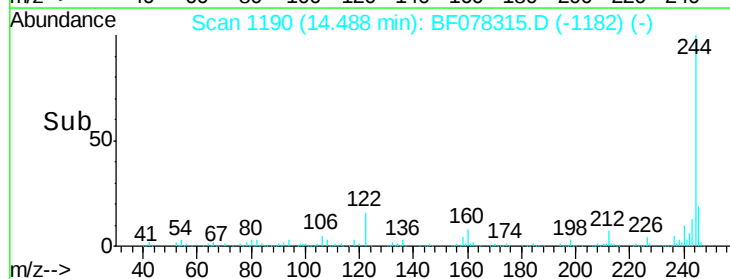
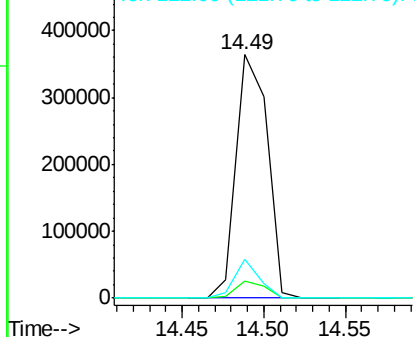


#78
Terphenyl-d14
Concen: 89.19 ng
RT: 14.49 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	15.8	7.1	10.7



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

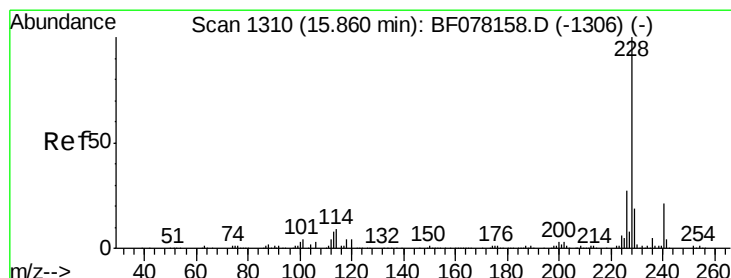
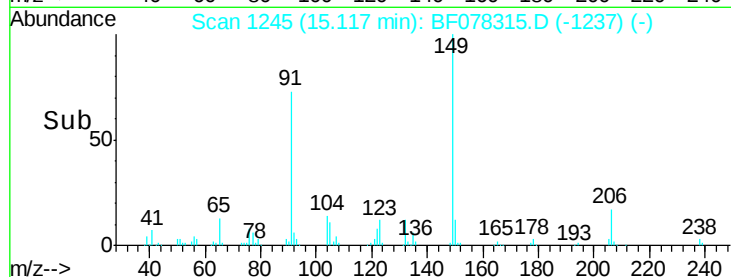
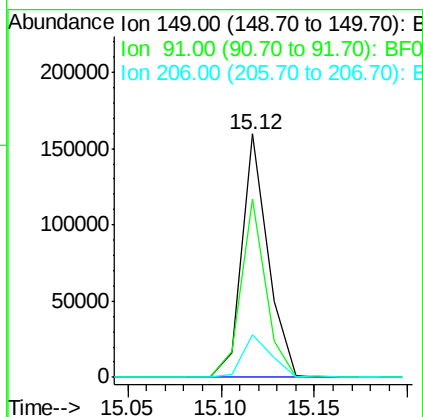
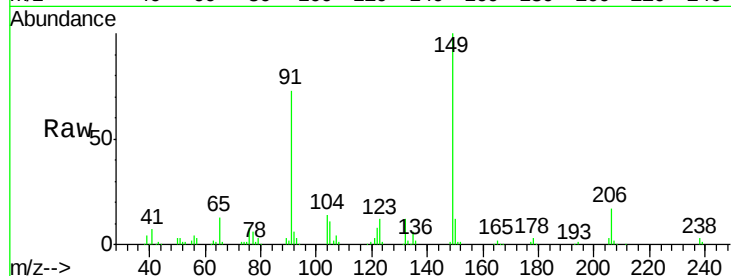




#79
Butylbenzylphthalate
Concen: 53.40 ng
RT: 15.12 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

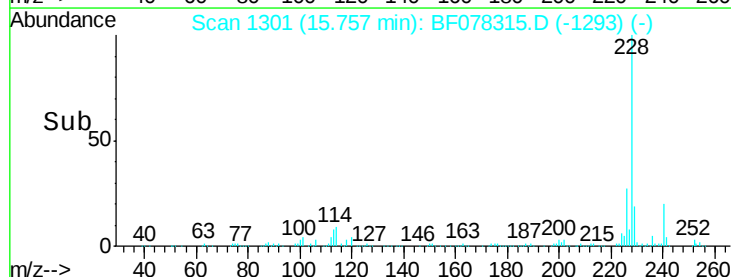
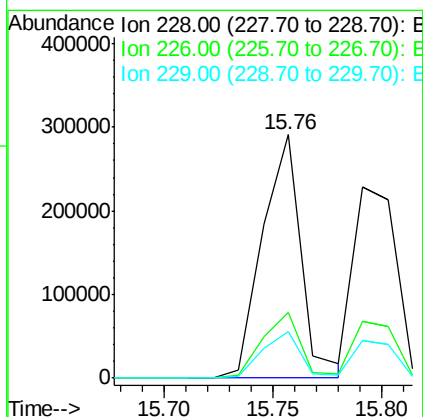
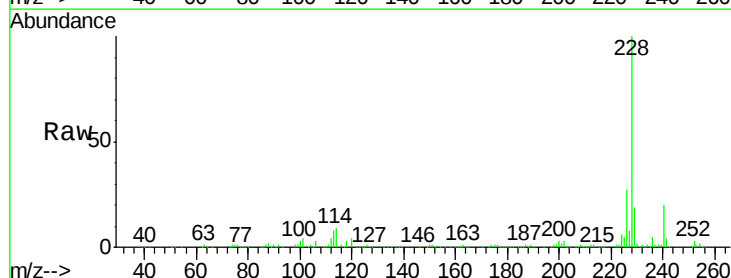
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

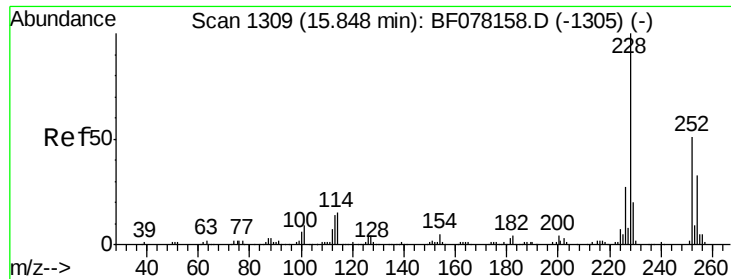
Tot Ion:149 Resp: 155833
Ion Ratio Lower Upper
149 100
91 73.2 64.2 96.2
206 17.5 12.6 18.8



#80
Benzo(a)anthracene
Concen: 49.93 ng
RT: 15.76 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion:228 Resp: 362292
Ion Ratio Lower Upper
228 100
226 27.1 21.3 31.9
229 19.3 15.4 23.2

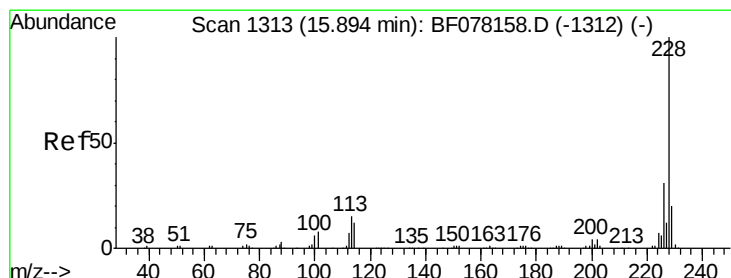
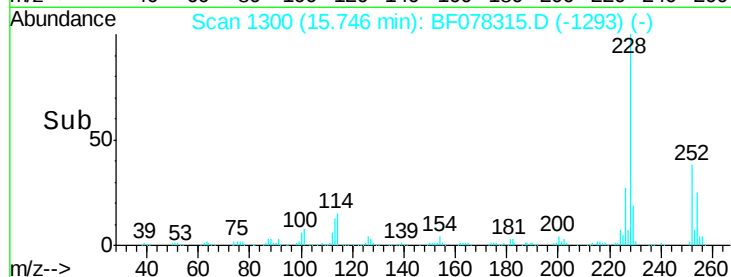
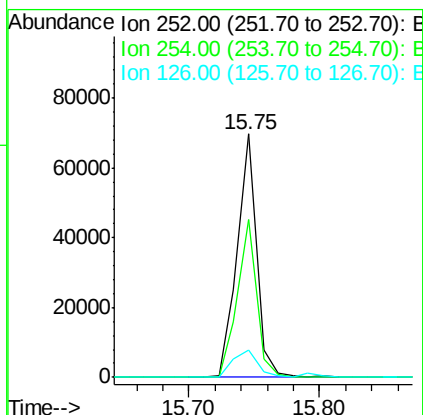
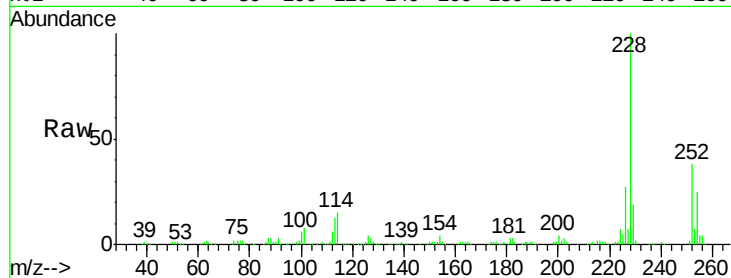




#81
 3,3'-Dichlorobenzidine
 Concen: 29.75 ng
 RT: 15.75 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

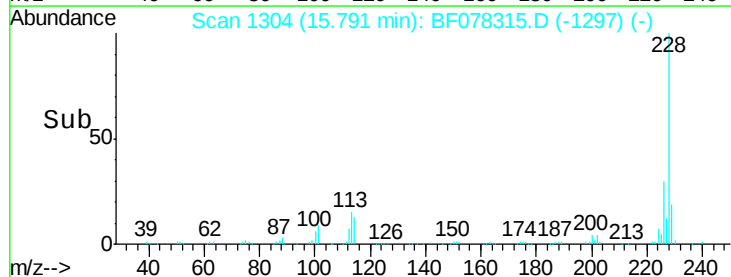
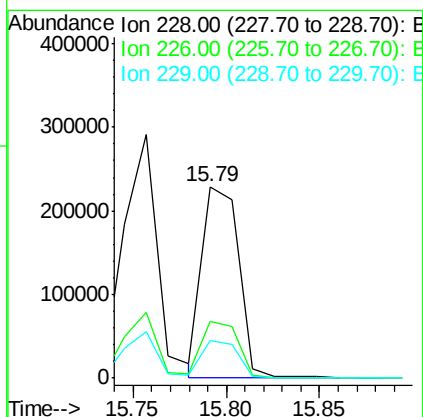
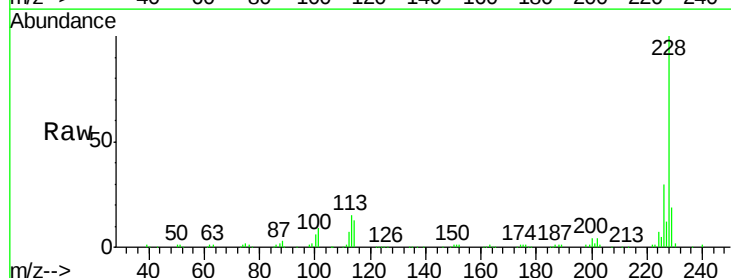
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tot Ion:252 Resp: 72308
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.2 76.8
 126 11.0 6.3 9.5#



#82
 Chrysene
 Concen: 45.73 ng
 RT: 15.79 min Scan# 1304
 Delta R.T. -0.02 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:228 Resp: 311761
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.2 36.4
 229 19.4 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.18 ng

RT: 15.84 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

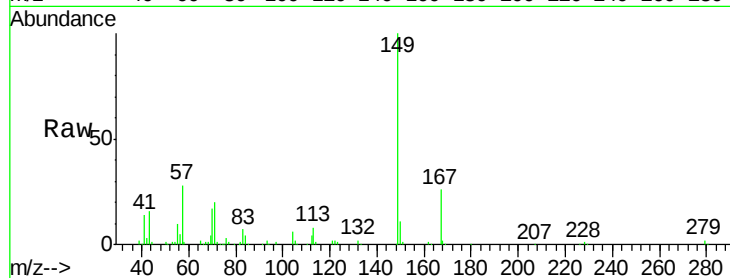
Tot Ion:149 Resp: 238811

Ion Ratio Lower Upper

149 100

167 25.6 22.2 33.2

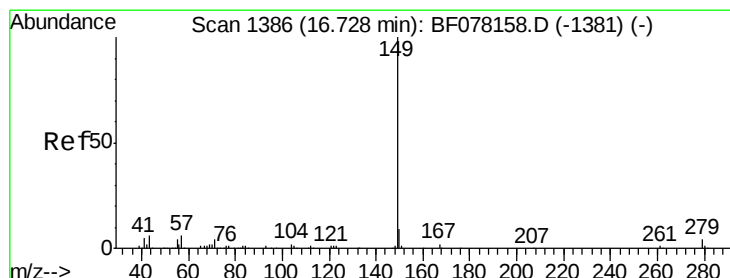
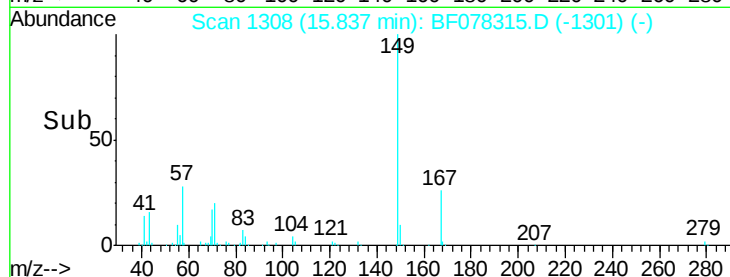
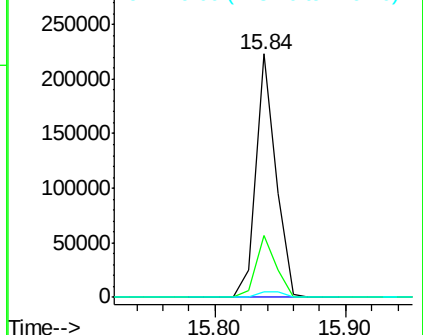
279 2.3 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.46 ng

RT: 16.61 min Scan# 1376

Delta R.T. -0.07 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

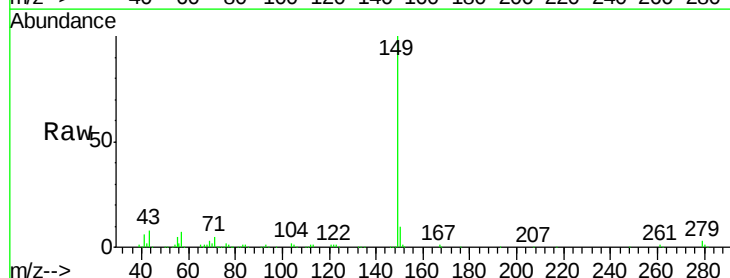
Tgt Ion:149 Resp: 401692

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

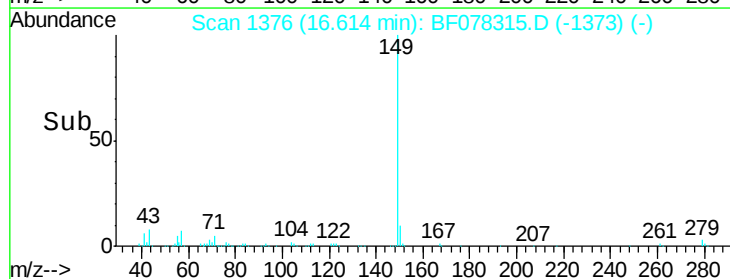
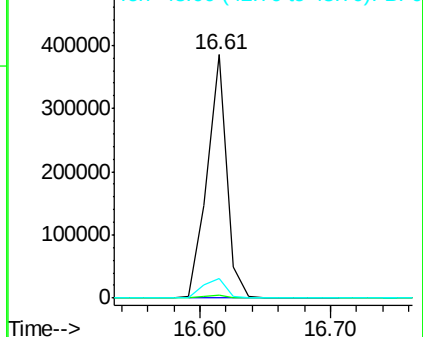
43 9.4 0.0 0.0#

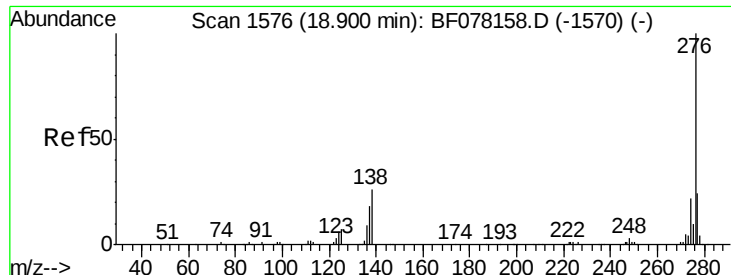


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.05 ng/mL

RT: 18.69 min Scan# 1558

Delta R.T. -0.18 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

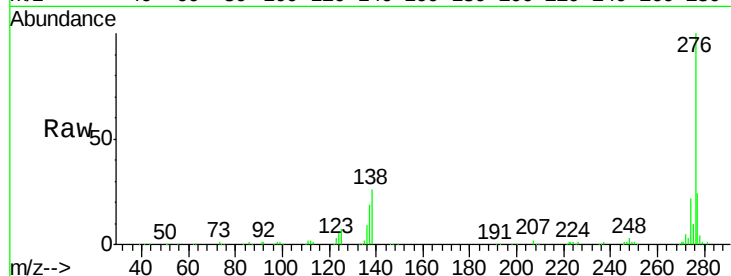
BNA_F

ClientSampleId :

PB82571BSD

Tot Ion:276 Resp: 371697

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.9	25.3
277	19.3	15.8	23.6

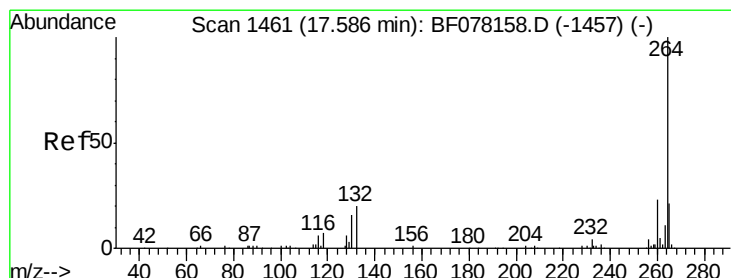
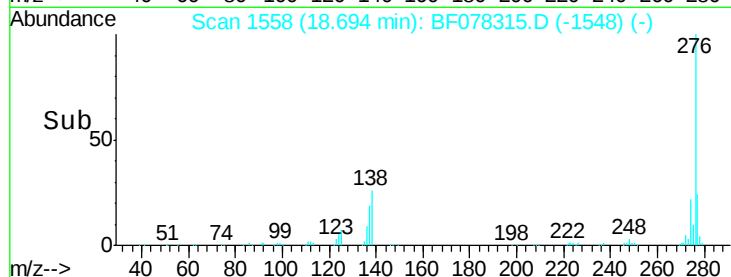
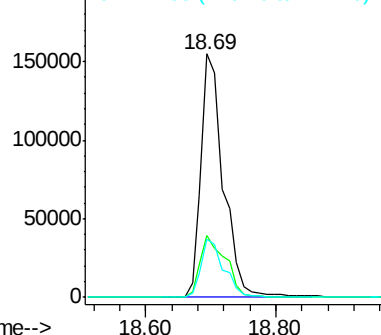


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.44 min Scan# 1448

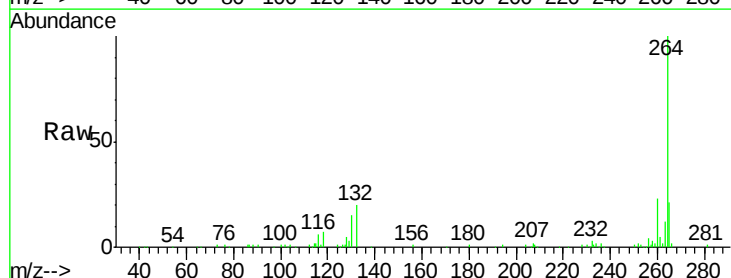
Delta R.T. -0.13 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Tgt Ion:264 Resp: 116708

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.4	17.0	25.6

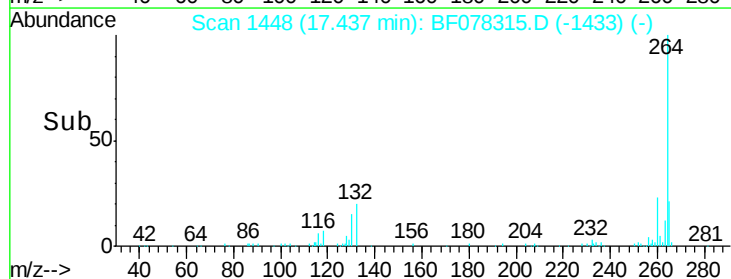
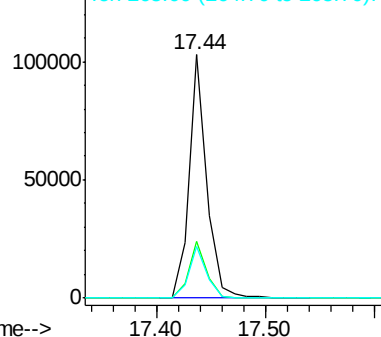


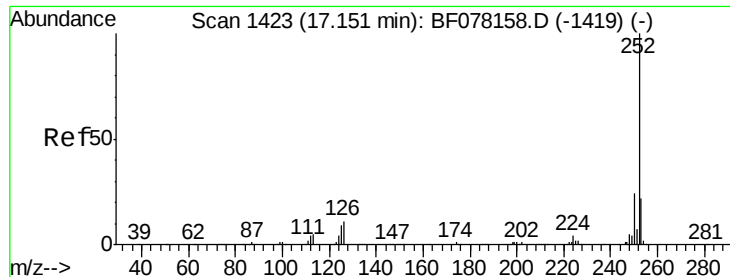
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

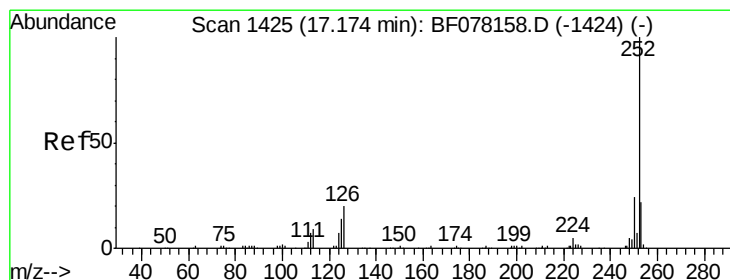
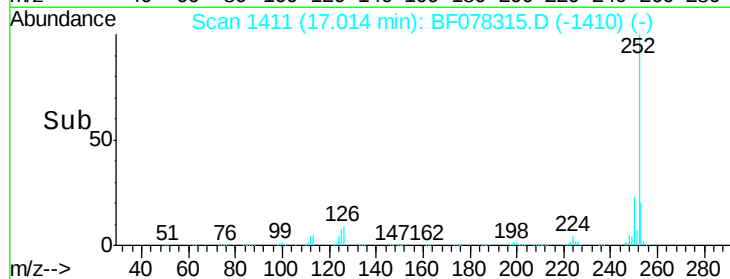
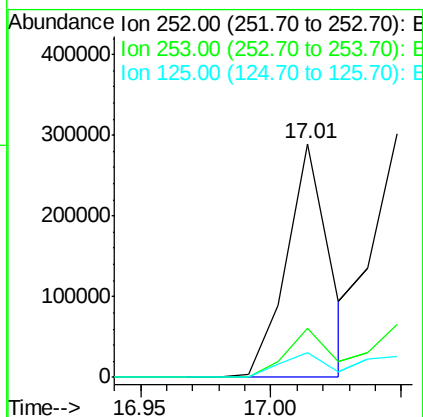
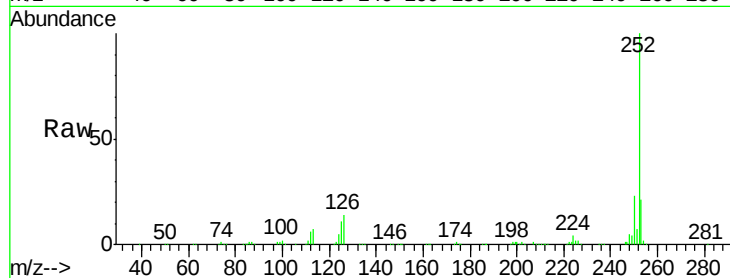




#87
Benzo(b)fluoranthene
Concen: 45.25 ng
RT: 17.01 min Scan# 1411
Delta R.T. -0.09 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

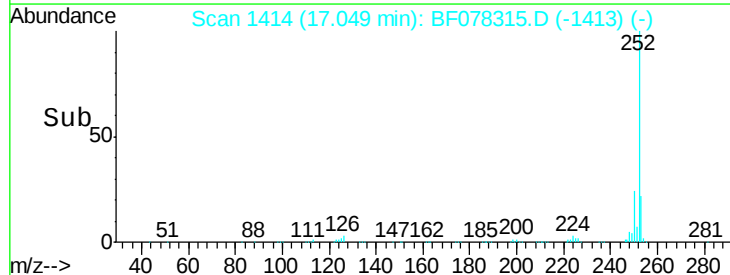
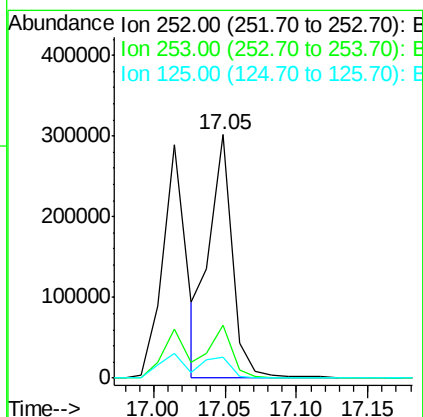
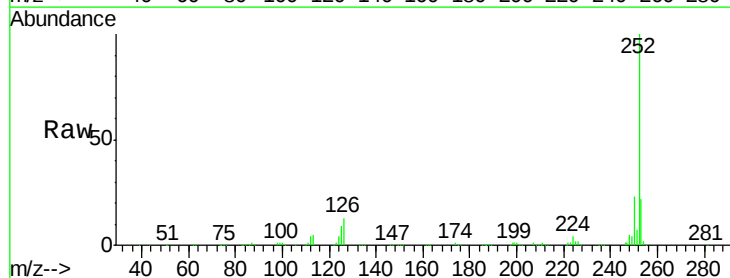
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

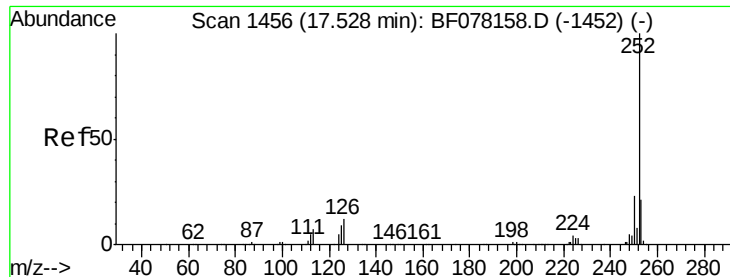
Tot Ion:252 Resp: 326372
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 10.8 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 53.50 ng m
RT: 17.05 min Scan# 1414
Delta R.T. -0.09 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Tgt Ion:252 Resp: 342926
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.8 11.6 17.4#





#89

Benzo(a)pyrene

Concen: 51.94 ng

RT: 17.38 min Scan# 1443

Delta R.T. -0.11 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

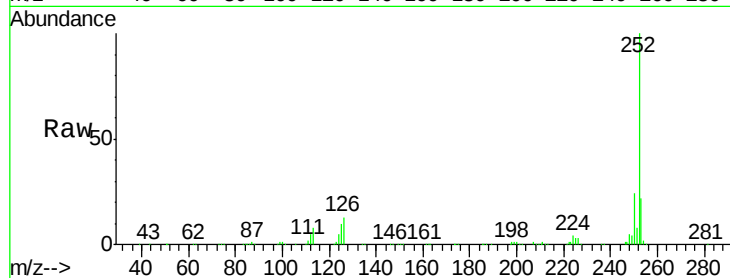
Tot Ion:252 Resp: 326961

Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

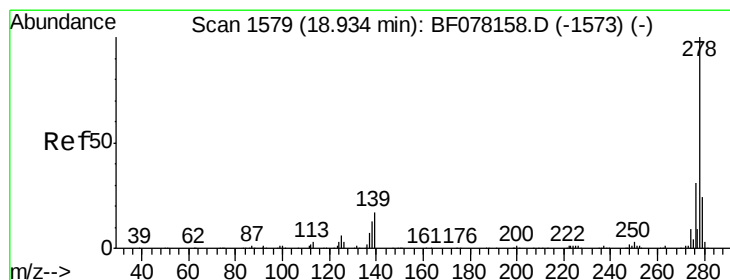
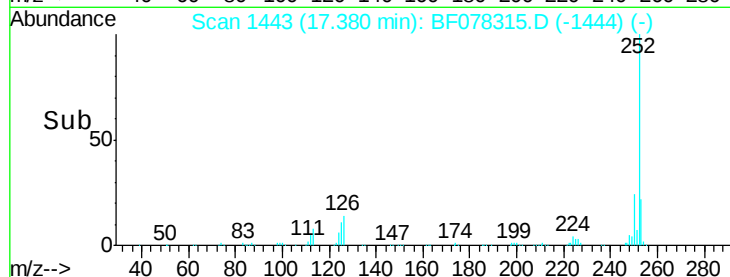
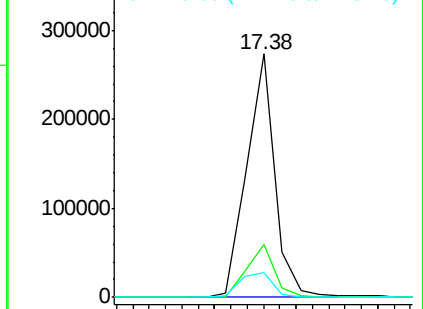
125 10.3 7.4 11.0



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: 45.99 ng

RT: 18.73 min Scan# 1561

Delta R.T. -0.17 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

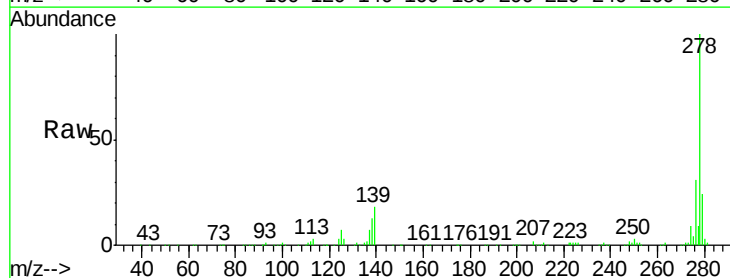
Tgt Ion:278 Resp: 289842

Ion Ratio Lower Upper

278 100

139 17.6 13.6 20.4

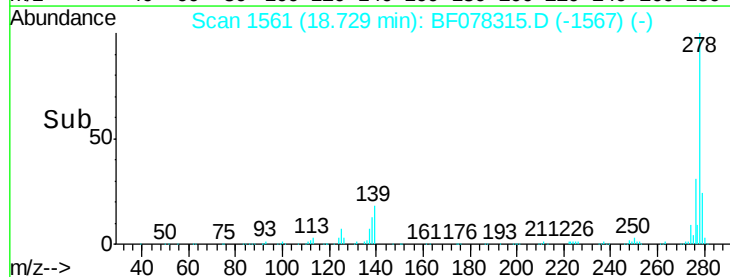
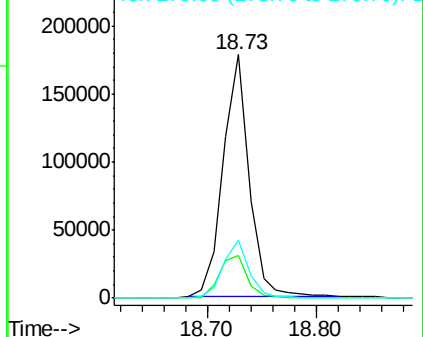
279 24.0 19.0 28.6

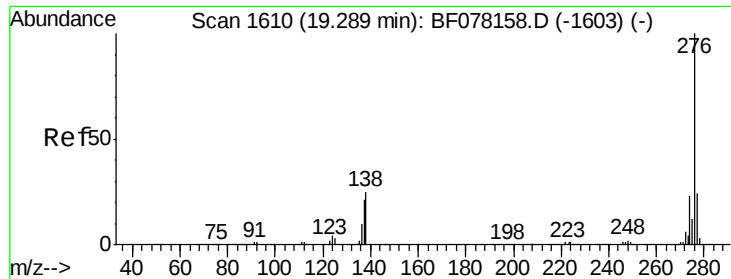


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.47 ng

RT: 19.06 min Scan# 1590

Delta R.T. -0.18 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

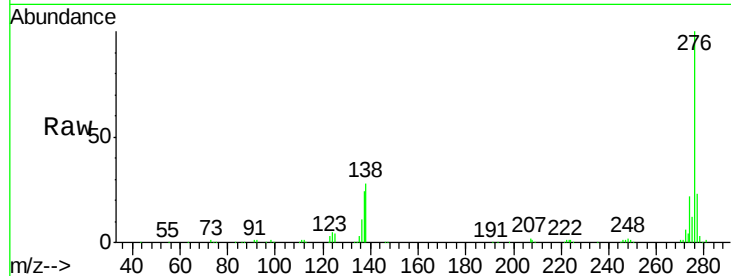
Tot Ion: 276 Resp: 299959

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 27.5 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

