

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 01:26:36 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

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

						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	35671	45.03	ng	94
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

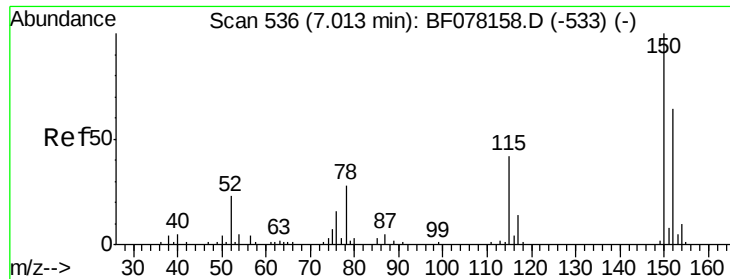
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	58764	49.87	ng	98
43) 2,4,5-Trichlorophenol	9.80	196	63940	51.94	ng	93
45) 1,1'-Biphenyl	9.97	154	232867	47.21	ng	98
46) 2-Chloronaphthalene	10.00	162	187368	48.28	ng	95
47) 2-Nitroaniline	10.13	65	50754	52.86	ng #	84
48) Acenaphthylene	10.50	152	299368	47.77	ng	99
49) Dimethylphthalate	10.37	163	213708	47.17	ng	99
50) 2,6-Dinitrotoluene	10.44	165	45682	49.01	ng #	54
51) Acenaphthene	10.72	154	172662	48.93	ng	97
52) 3-Nitroaniline	10.65	138	35506	33.50	ng	94
53) 2,4-Dinitrophenol	10.79	184	18454	58.99	ng #	90
54) Dibenzofuran	10.93	168	264981	49.17	ng	95
55) 4-Nitrophenol	10.89	139	73973	94.27	ng	87
56) 2,4-Dinitrotoluene	10.93	165	60510	50.12	ng #	49
57) Fluorene	11.35	166	213819	48.95	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	48725	53.38	ng	89
59) Diethylphthalate	11.25	149	214162	49.02	ng	99
60) 4-Chlorophenyl-phenylether	11.37	204	99842	49.68	ng #	87
61) 4-Nitroaniline	11.39	138	45958	42.89	ng	90
62) Azobenzene	11.56	77	220577	55.33	ng	88
64) 4,6-Dinitro-2-methylphenol	11.44	198	21605	39.25	ng #	66
65) n-Nitrosodiphenylamine	11.52	169	191254	47.46	ng	98
66) 4-Bromophenyl-phenylether	11.96	248	58154	47.13	ng	93
67) Hexachlorobenzene	12.02	284	63245	46.77	ng	98
68) Atrazine	12.19	200	60968	52.23	ng	94
69) Pentachlorophenol	12.27	266	61413	100.25	ng	99
70) Phenanthrene	12.53	178	320899	47.61	ng	100
71) Anthracene	12.59	178	317802	47.85	ng	100
72) Carbazole	12.81	167	306960	49.32	ng	99
73) Di-n-butylphthalate	13.28	149	353439	50.13	ng	99
74) Fluoranthene	14.00	202	352424	49.58	ng	94
76) Benzidine	14.19	184	149256	31.78	ng	98
77) Pyrene	14.27	202	365354	47.72	ng	98
79) Butylbenzylphthalate	15.12	149	155833	53.40	ng	93
80) Benzo(a)anthracene	15.76	228	362292	49.93	ng	99
81) 3,3'-Dichlorobenzidine	15.75	252	72308	29.75	ng #	98
82) Chrysene	15.79	228	311761	45.73	ng	99
83) Bis(2-ethylhexyl)phthalate	15.84	149	238811	52.18	ng #	96
84) Di-n-octyl phthalate	16.61	149	401692	53.46	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.06	276	305832	39.53	ng	91
87) Benzo(b)fluoranthene	17.01	252	326372	45.25	ng #	98
88) Benzo(k)fluoranthene	17.01	252	419661	65.47	ng #	95
89) Benzo(a)pyrene	17.38	252	326961	51.94	ng	98
90) Dibenzo(a,h)anthracene	18.73	278	289842	45.99	ng	99
91) Benzo(g,h,i)perylene	19.06	276	299959	47.47	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF078315.D

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PB82571BSD

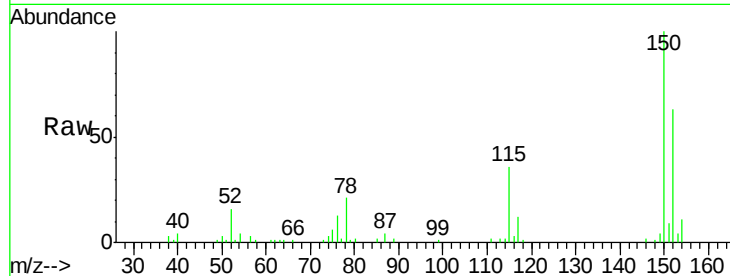
Tgt Ion:152 Resp: 28647

Ion Ratio Lower Upper

152 100

150 158.3 125.9 188.9

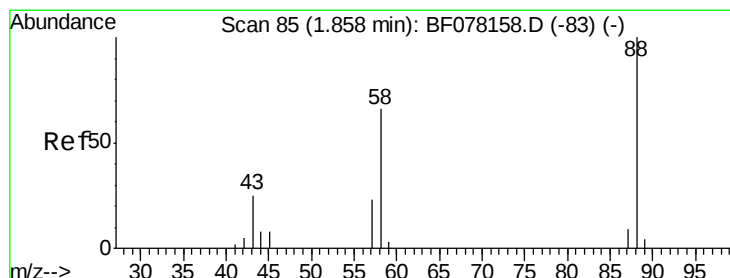
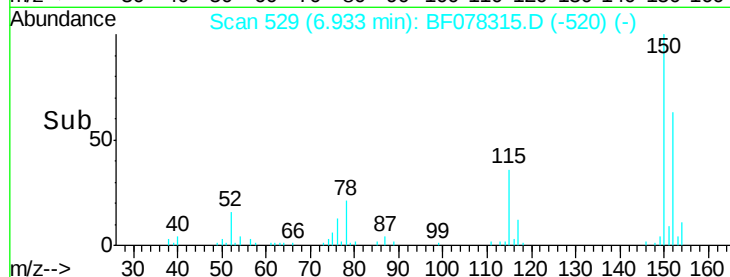
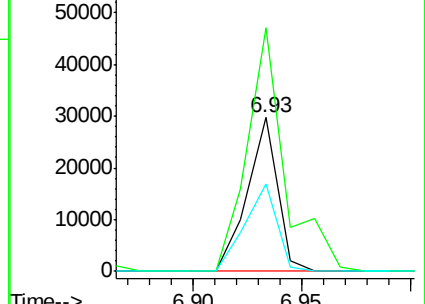
115 57.2 52.7 79.1



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



#2

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

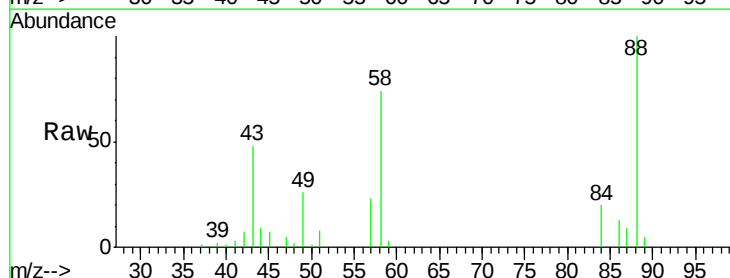
Tgt Ion: 88 Resp: 29745

Ion Ratio Lower Upper

88 100

58 70.9 56.9 85.3

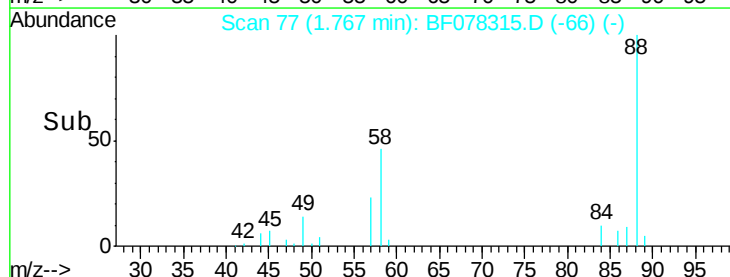
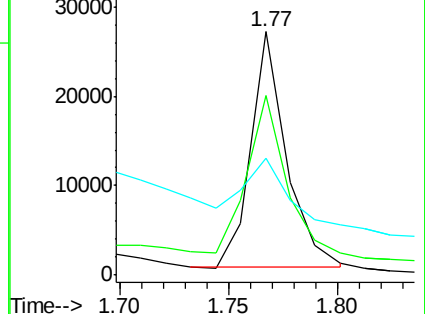
43 33.9 21.4 32.2#

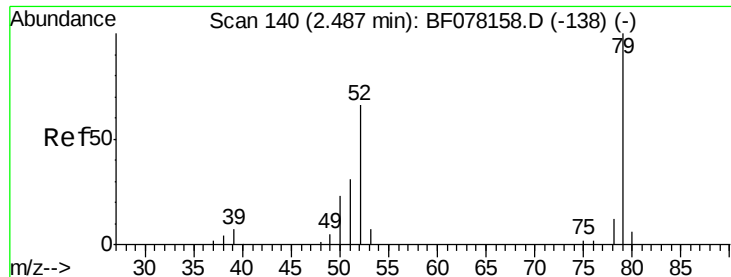


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

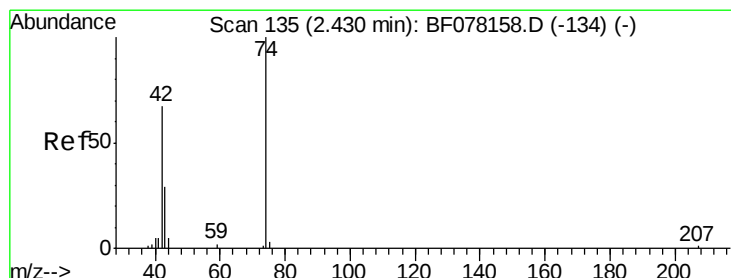
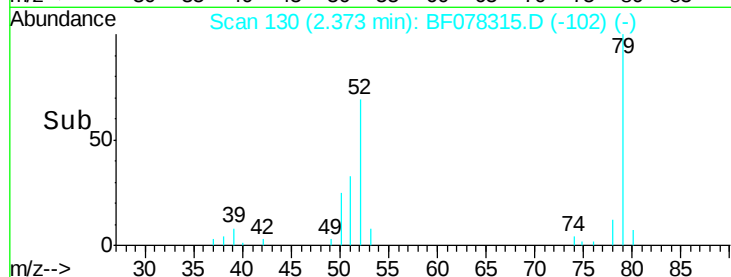
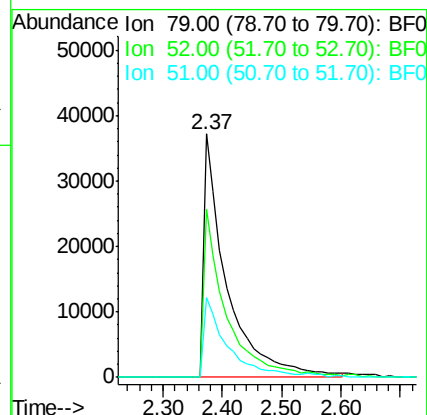
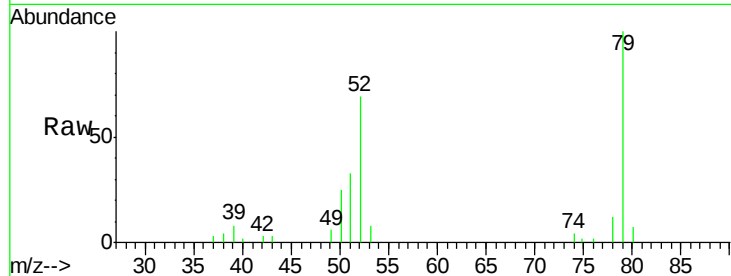




#3
 Pyridine
 Concen: 49.06 ng
 RT: 2.37 min Scan# 130
 Delta R.T. 0.02 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

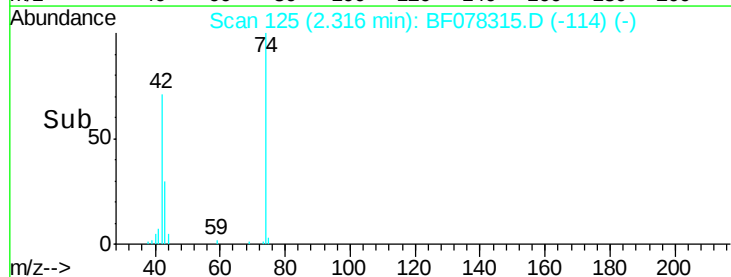
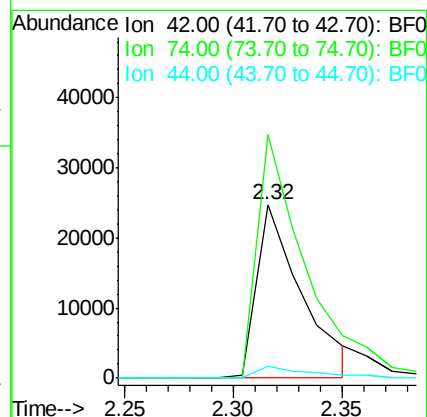
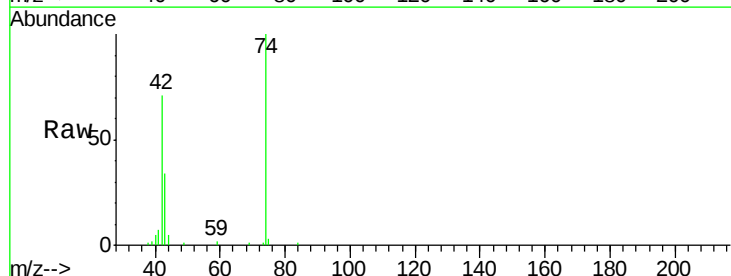
Instrument :
 BNA_F
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 PB82571BSD

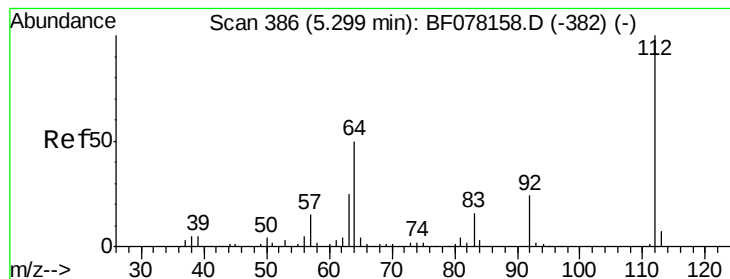
Tgt Ion: 79 Resp: 100970
 Ion Ratio Lower Upper
 79 100
 52 69.1 52.4 78.6
 51 32.9 24.9 37.3



#4
 n-Nitrosodimethylamine
 Concen: 45.03 ng
 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: 35671
 Ion Ratio Lower Upper
 42 100
 74 140.3 118.7 178.1
 44 6.8 5.9 8.9





#5

2-Fluorophenol

Concen: 149.52 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD

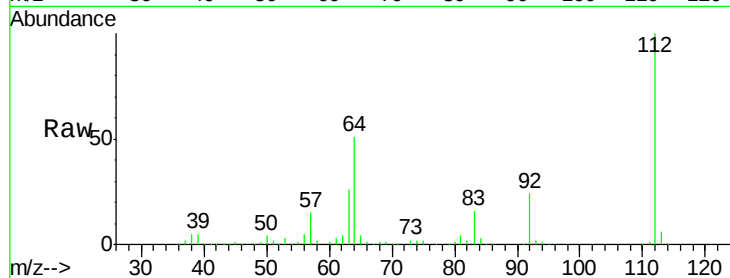
Tgt Ion: 112 Resp: 259779

Ion Ratio Lower Upper

112 100

64 50.5 39.9 59.9

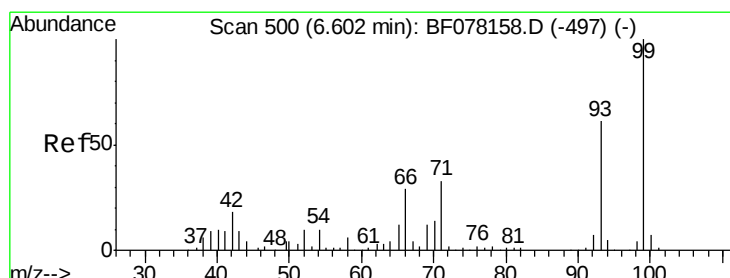
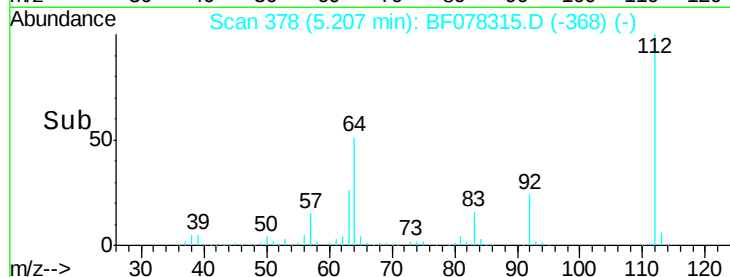
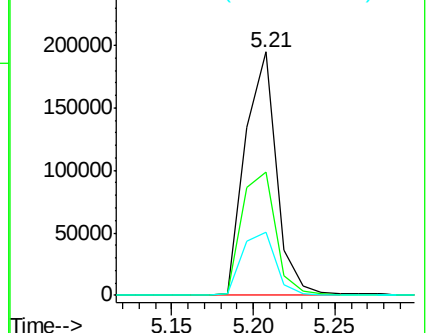
63 25.8 20.2 30.4



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

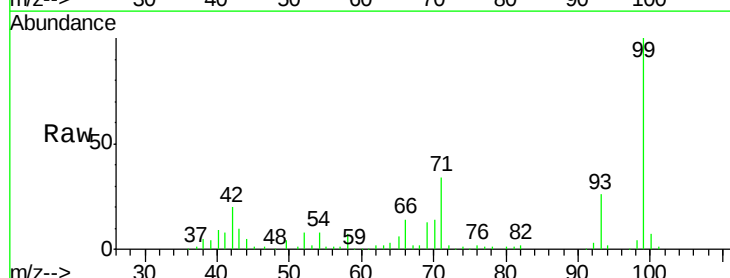
Tgt Ion: 93 Resp: 58717

Ion Ratio Lower Upper

93 100

66 53.4 38.0 57.0

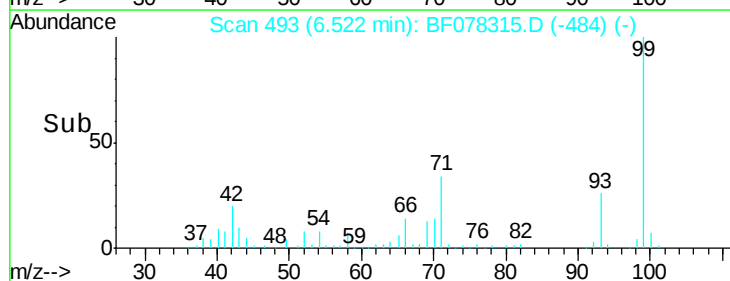
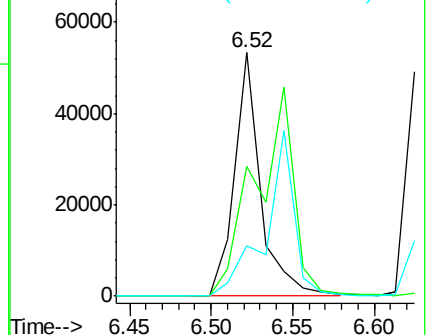
65 20.8 16.3 24.5



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

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

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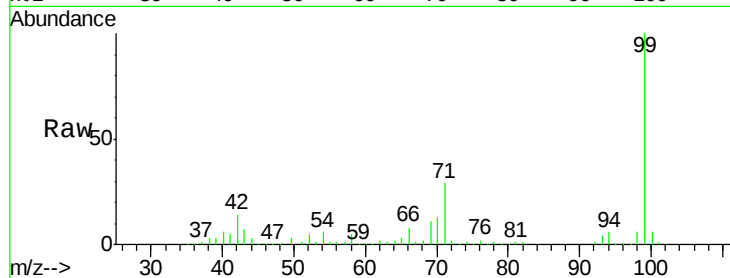
Tgt Ion: 99 Resp: 330387

Ion Ratio Lower Upper

99 100

42 13.5 14.8 22.2#

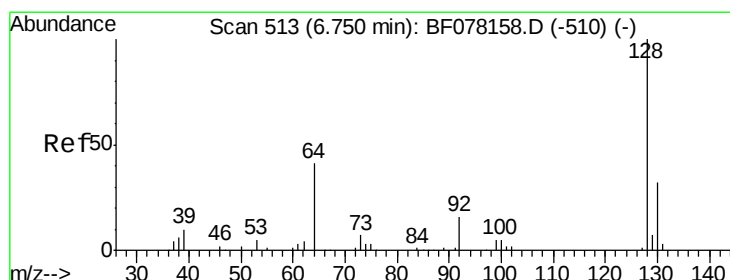
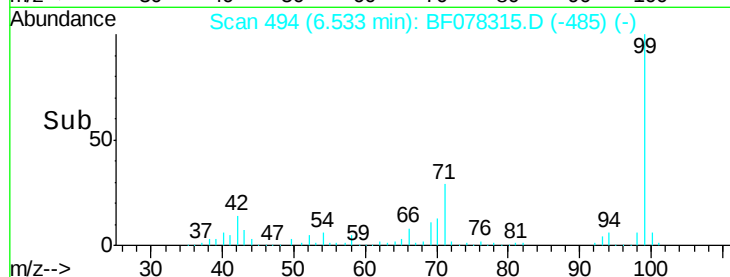
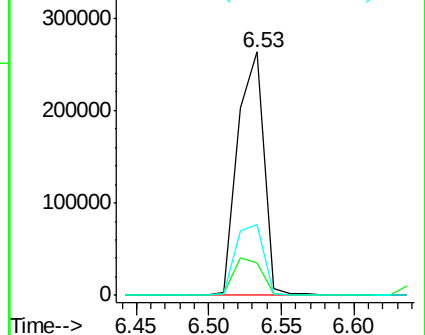
71 29.1 26.6 39.8



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

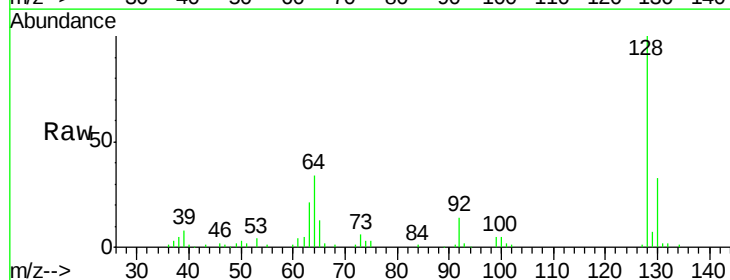
Tgt Ion: 128 Resp: 98424

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

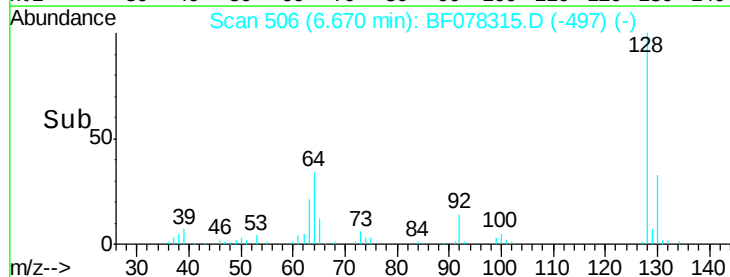
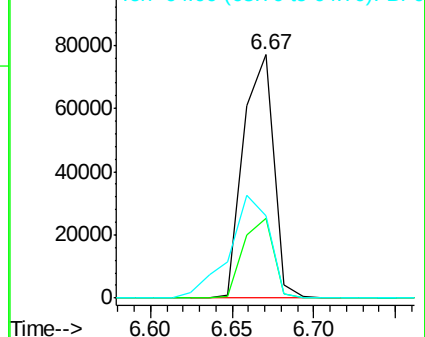
64 33.6 23.8 63.8

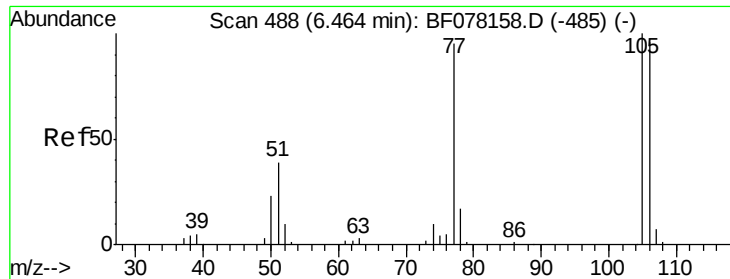


Abundance Ion 128.00 (127.70 to 128.70): E

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

Lab File: BF078315.D

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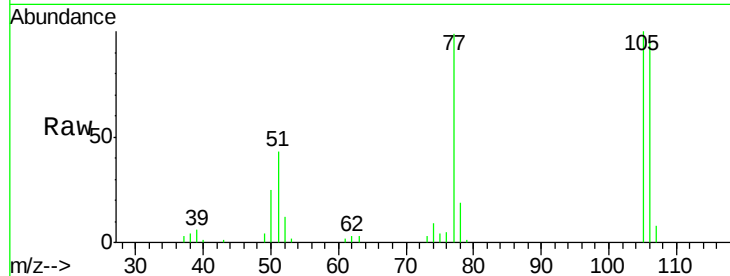
Tgt Ion: 77 Resp: 38337

Ion Ratio Lower Upper

77 100

105 100.7 85.4 125.4

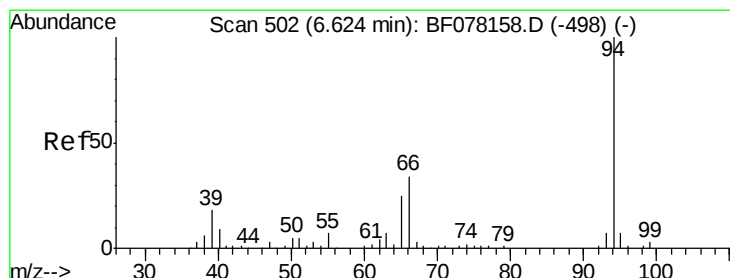
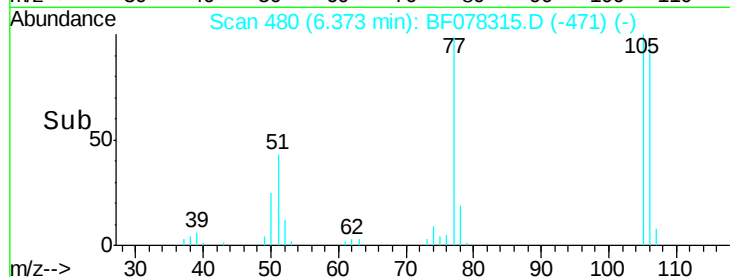
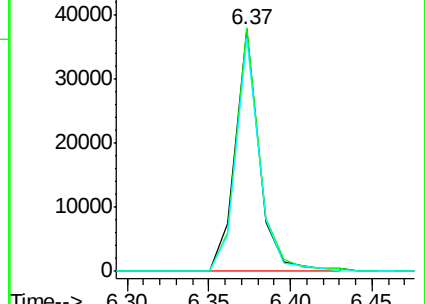
106 96.5 80.8 120.8



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

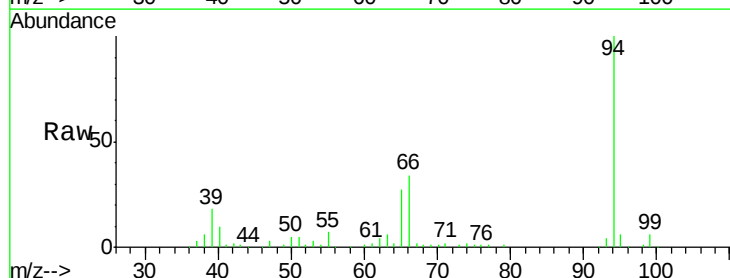
Tgt Ion: 94 Resp: 124940

Ion Ratio Lower Upper

94 100

65 26.5 4.9 44.9

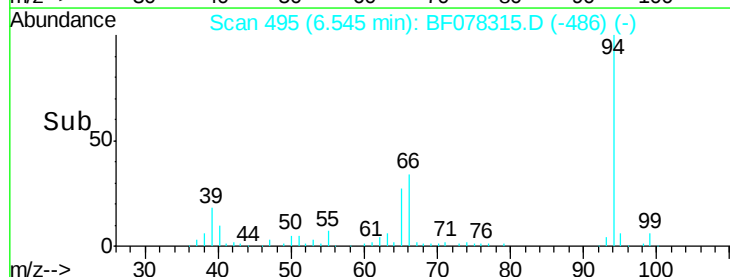
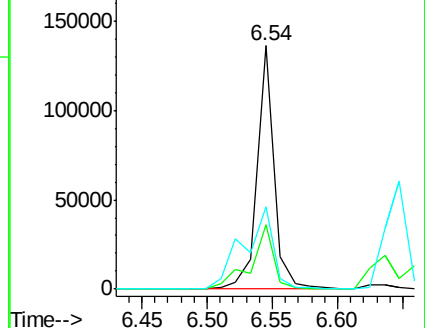
66 33.7 13.8 53.8

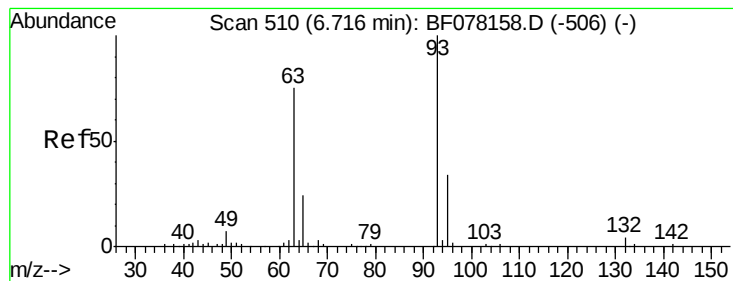


Abundance Ion 94.00 (93.70 to 94.70): BF0

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

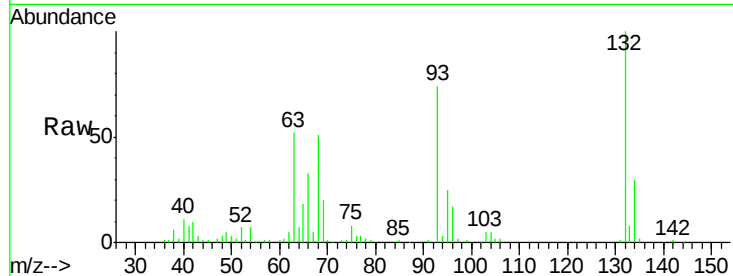
Tgt Ion: 93 Resp: 92292

Ion Ratio Lower Upper

93 100

63 69.5 54.6 94.6

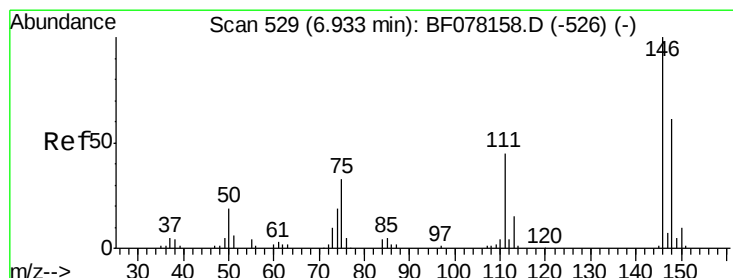
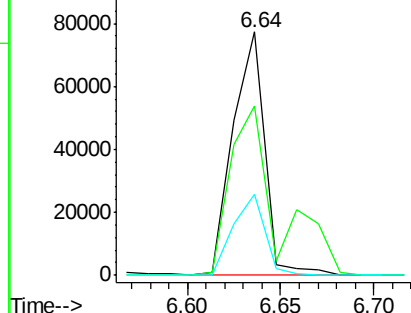
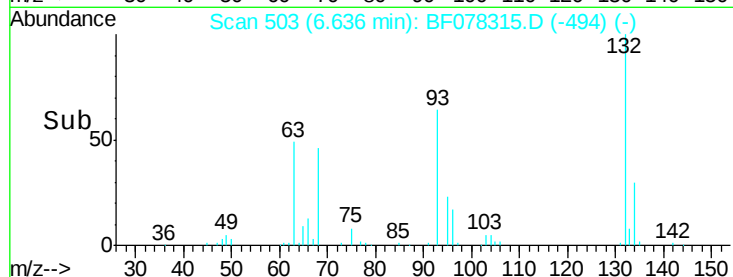
95 33.1 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 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

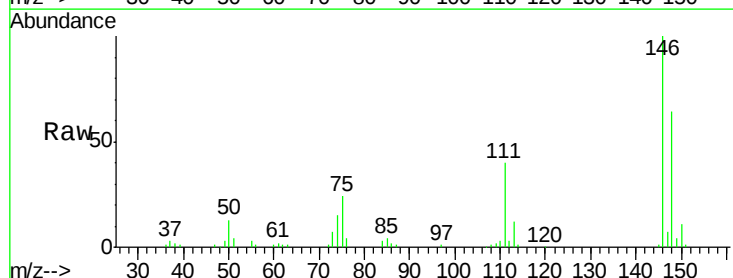
Tgt Ion: 146 Resp: 106434

Ion Ratio Lower Upper

146 100

148 63.8 49.1 73.7

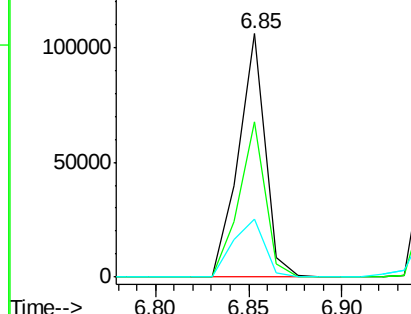
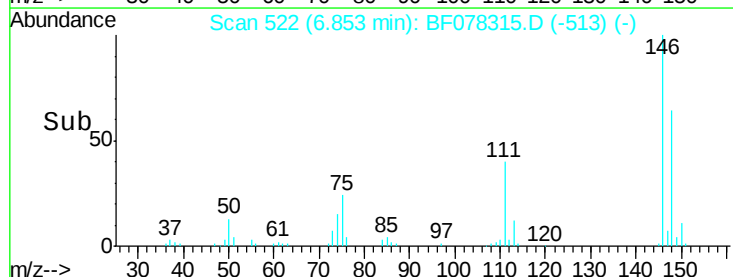
75 24.0 26.6 40.0#

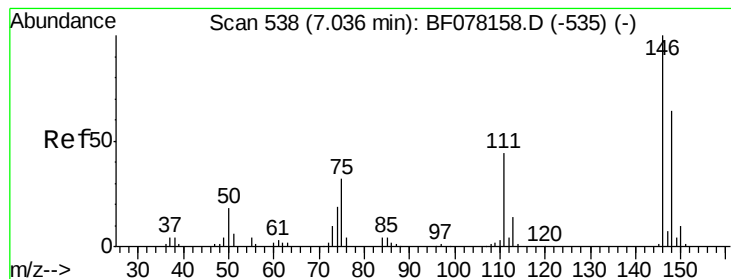


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 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

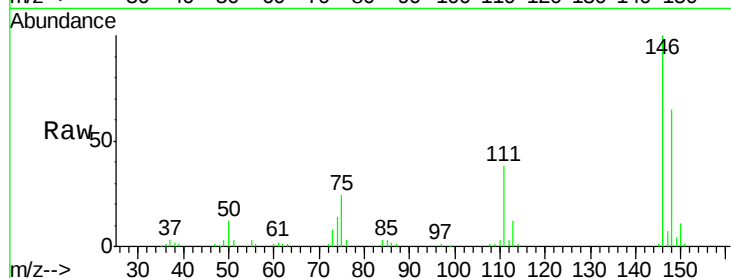
Tgt Ion:146 Resp: 107274

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

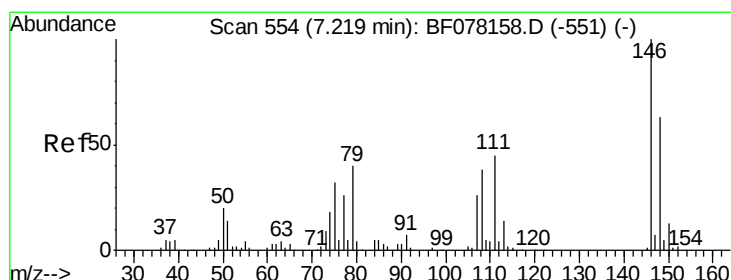
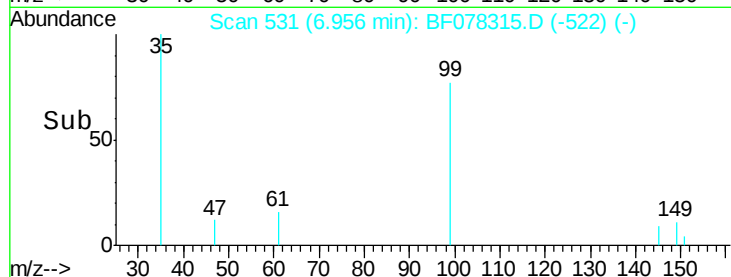
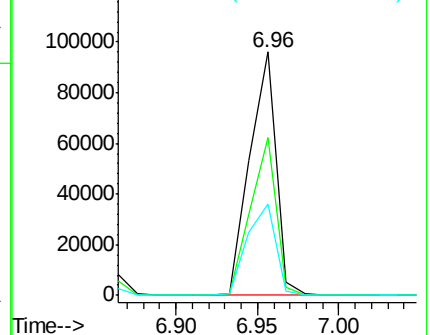
111 37.6 35.0 52.4



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

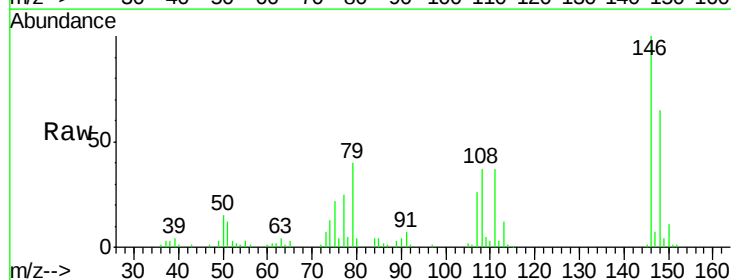
Tgt Ion:146 Resp: 100408

Ion Ratio Lower Upper

146 100

148 65.1 50.2 75.4

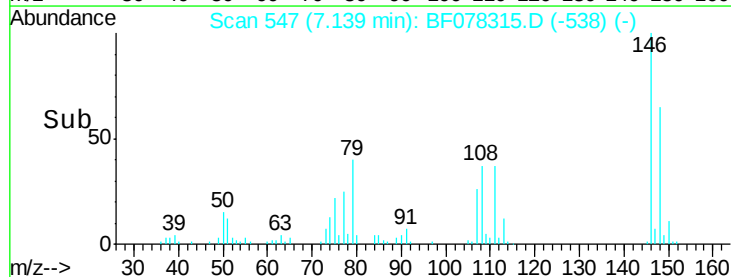
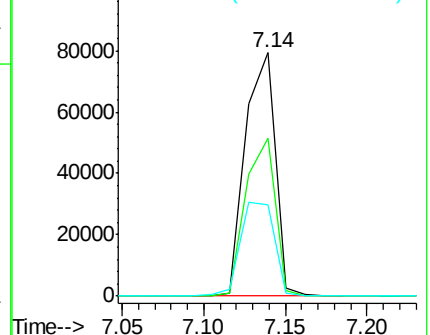
111 37.3 36.1 54.1



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

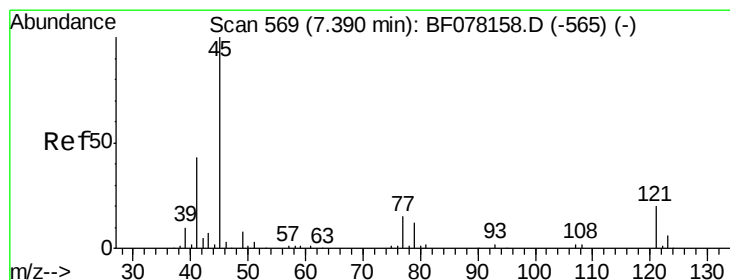
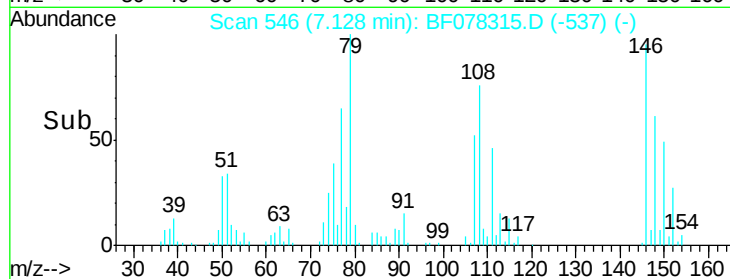
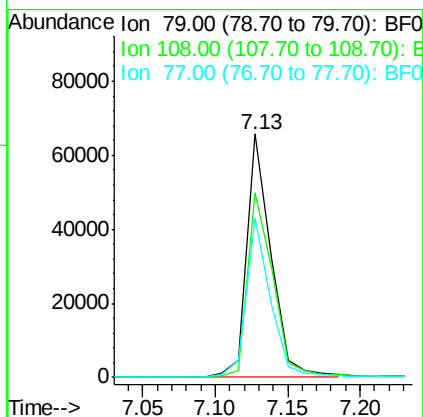
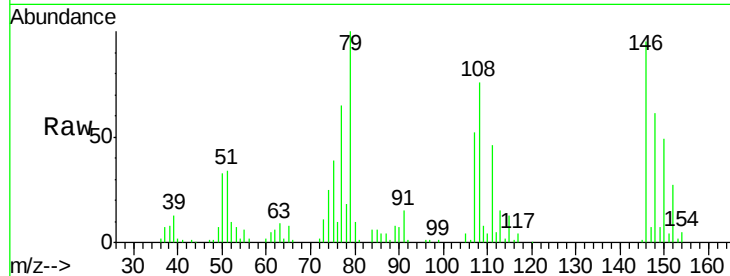




#15
Benzyl Alcohol
Concen: 50.25 ng
RT: 7.13 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

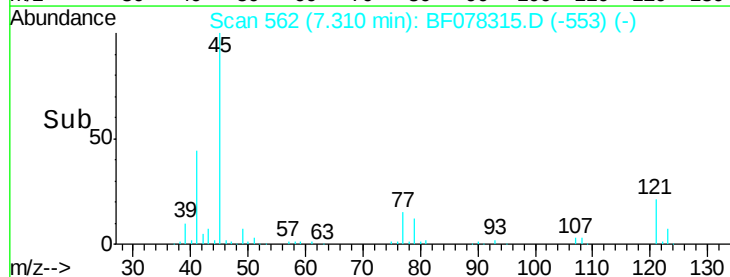
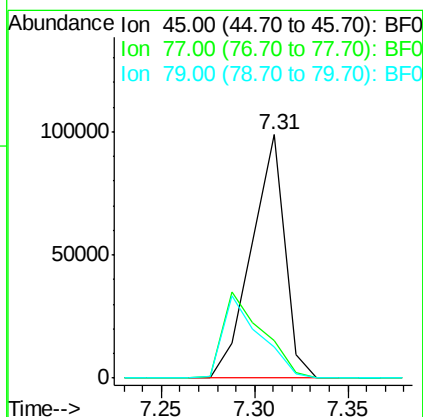
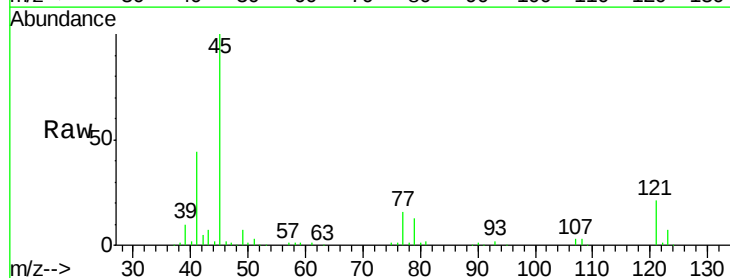
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

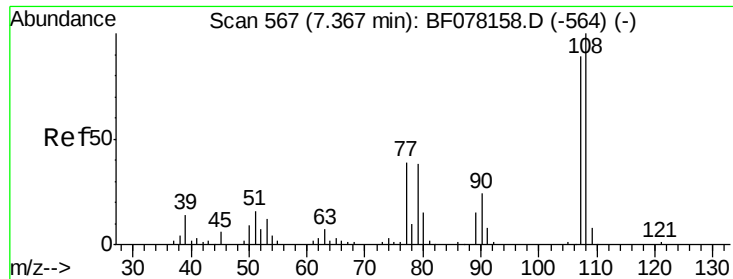
Tgt Ion: 79 Resp: 76896
Ion Ratio Lower Upper
79 100
108 75.9 57.6 86.4
77 65.4 53.5 80.3



#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

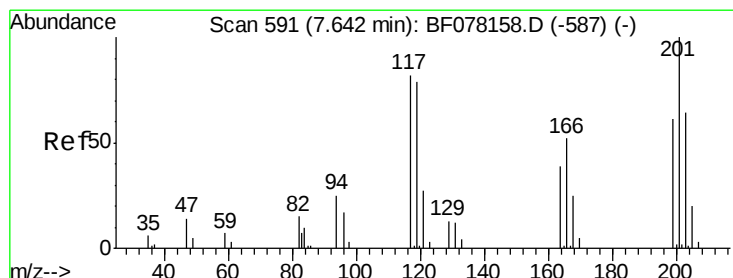
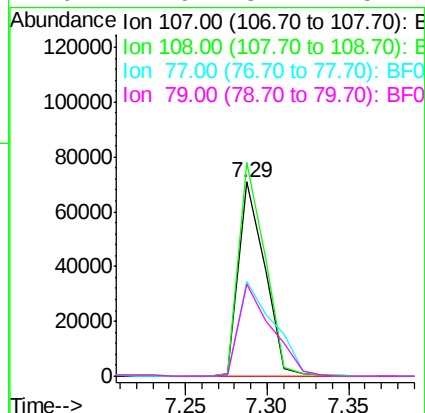
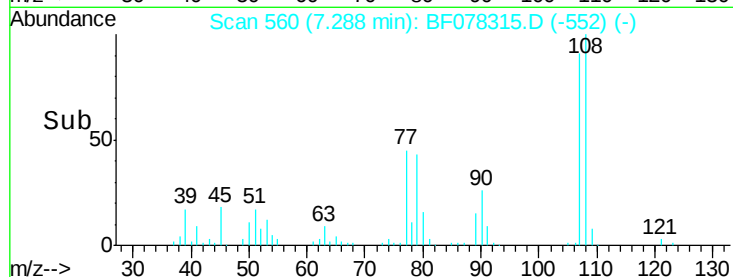
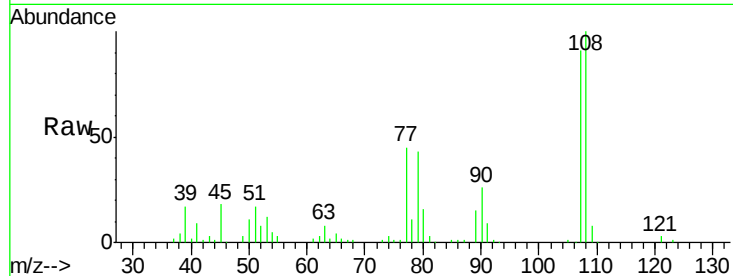




#17
2-Methylphenol
Concen: 49.13 ng
RT: 7.29 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

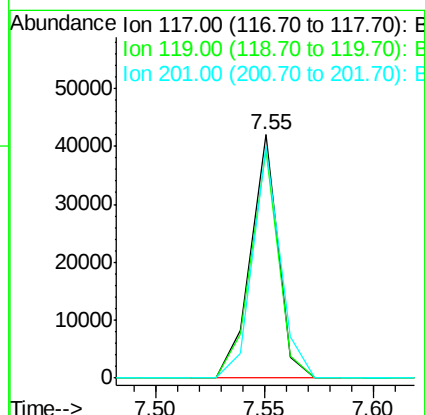
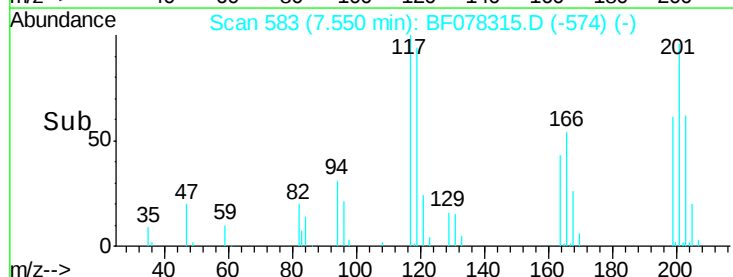
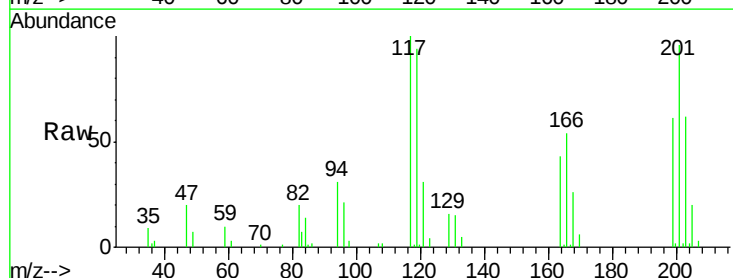
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

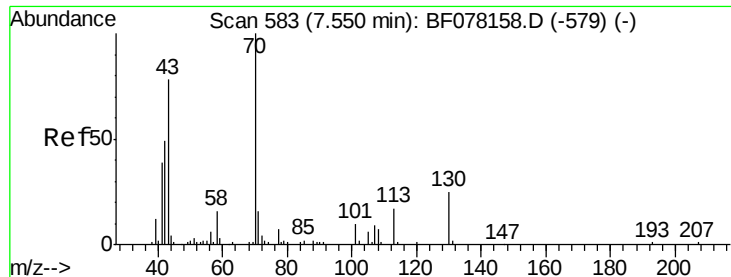
Tgt Ion:	107	Resp:	78367
Ion	Ratio	Lower	Upper
107	100		
108	110.1	90.3	135.5
77	49.1	35.5	53.3
79	47.6	34.2	51.4



#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#

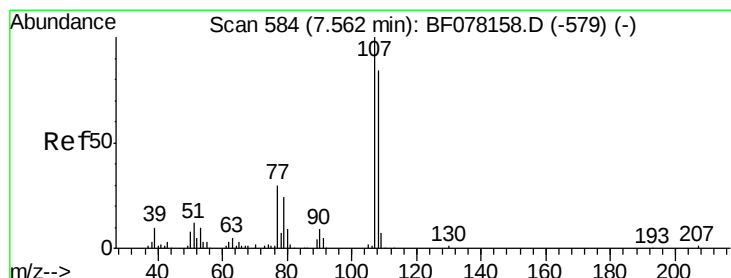
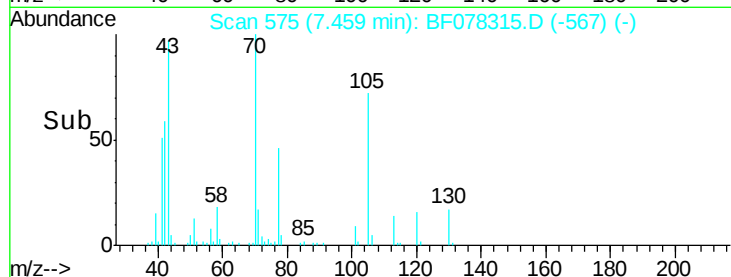
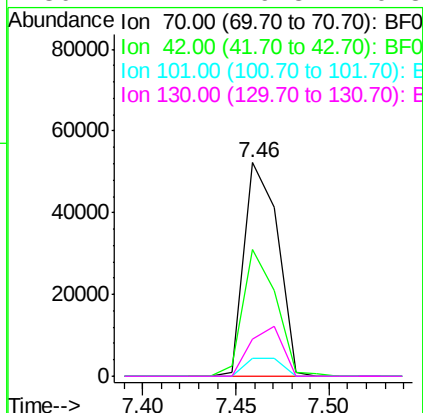
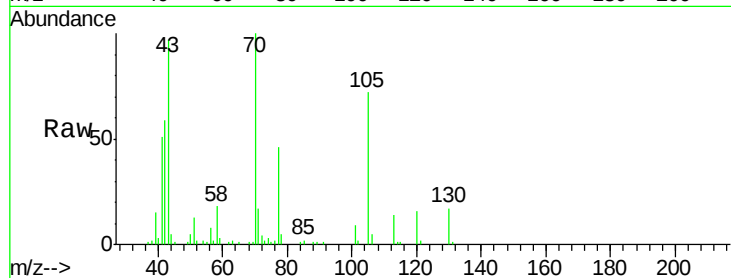




#19
n-Nitroso-di-n-propylamine
Concen: 45.65 ng
RT: 7.46 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

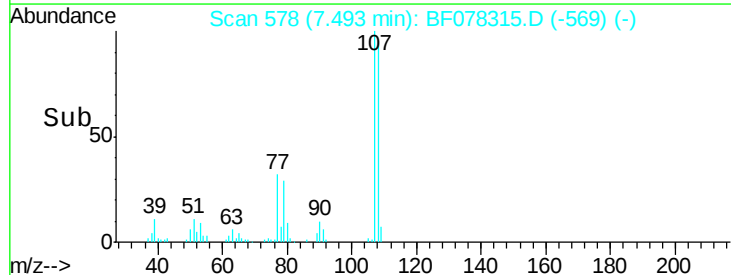
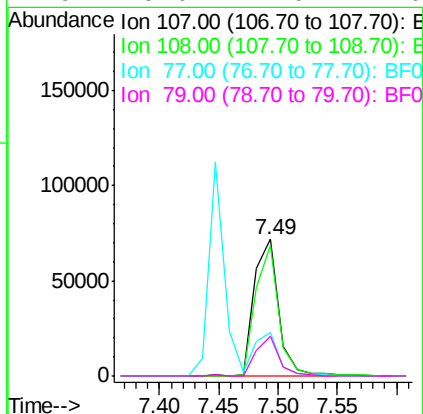
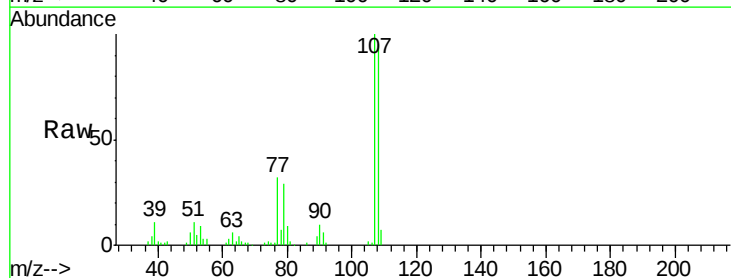
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tgt Ion:	70	Resp:	65586
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:	107	Resp:	104654
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

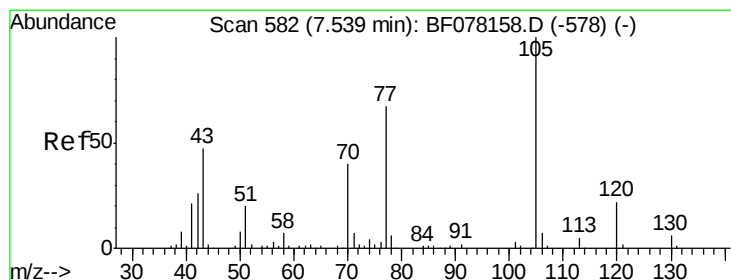
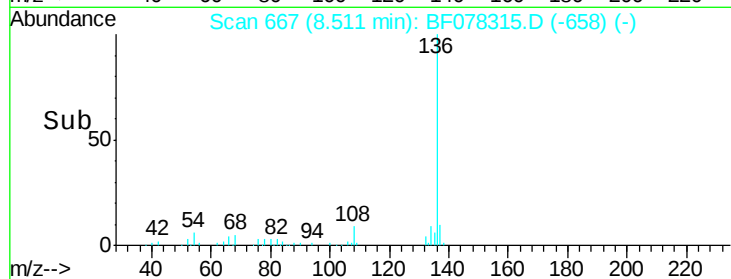
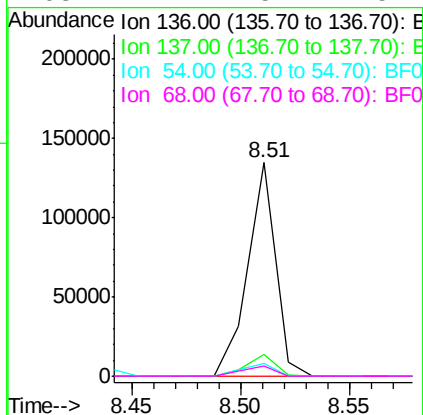
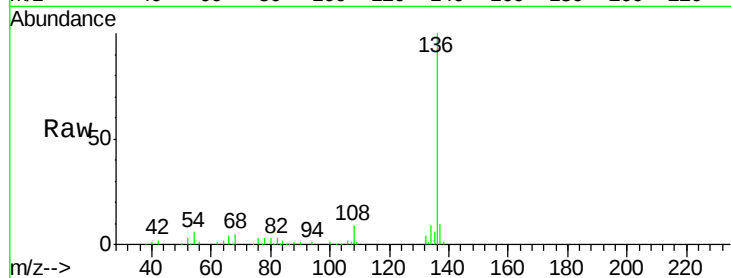




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

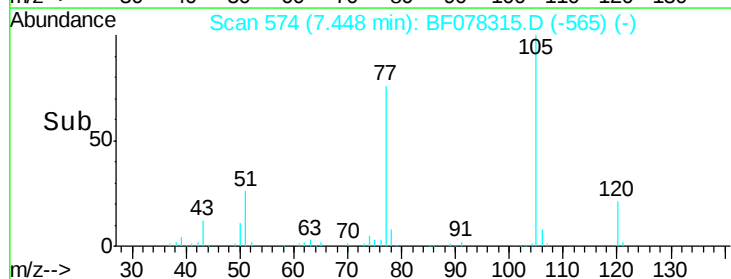
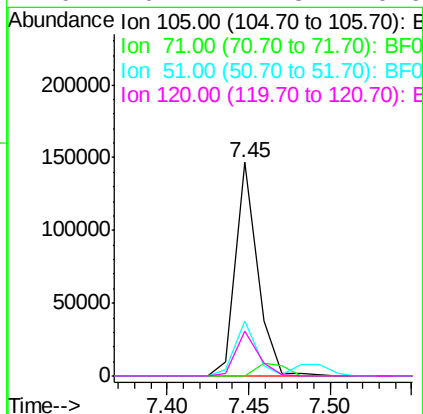
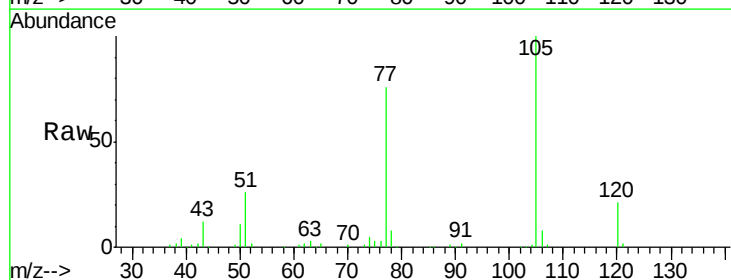
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tgt 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#



#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

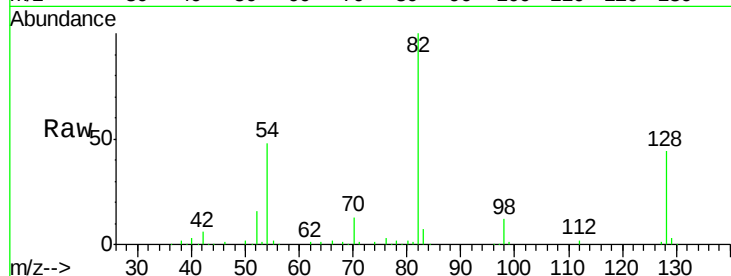




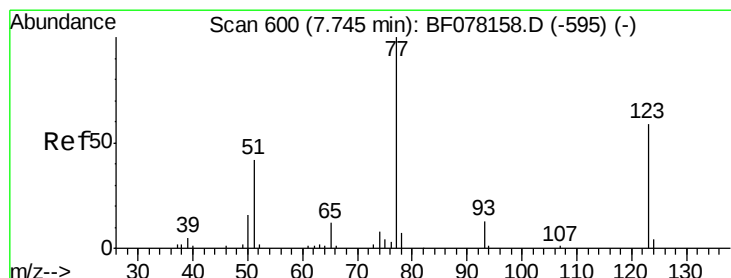
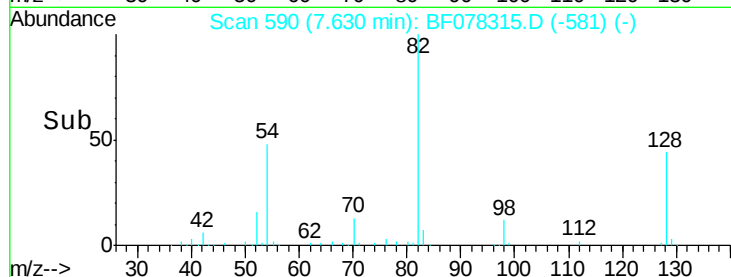
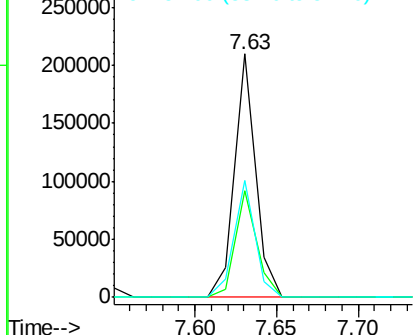
#23
 Nitrobenzene-d5
 Concen: 94.27 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

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

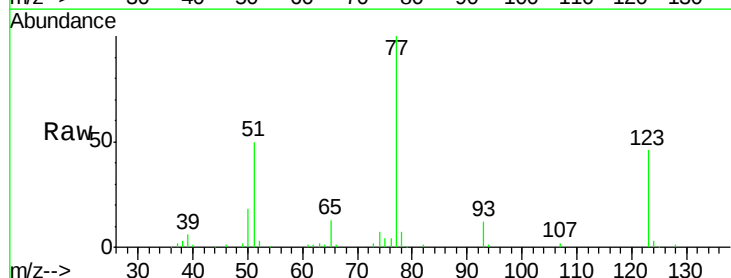


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

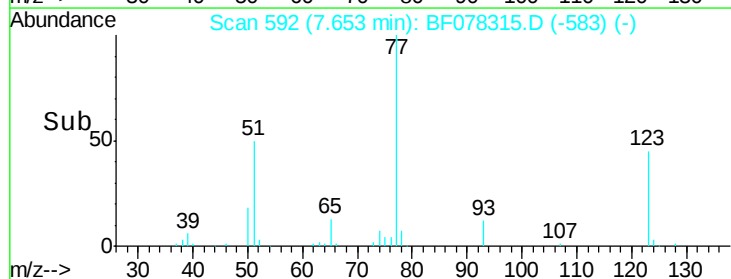
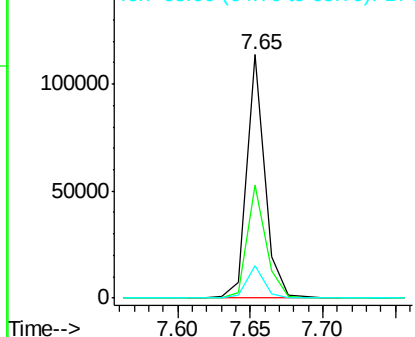


#24
 Nitrobenzene
 Concen: 47.64 ng
 RT: 7.65 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

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

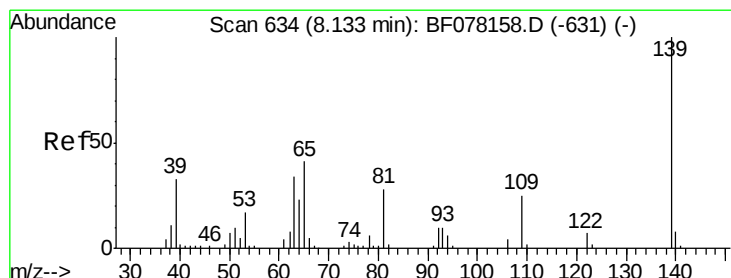
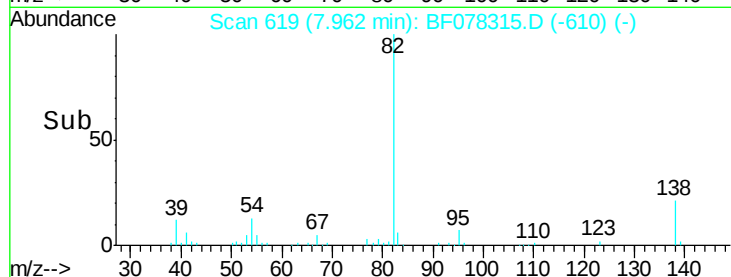
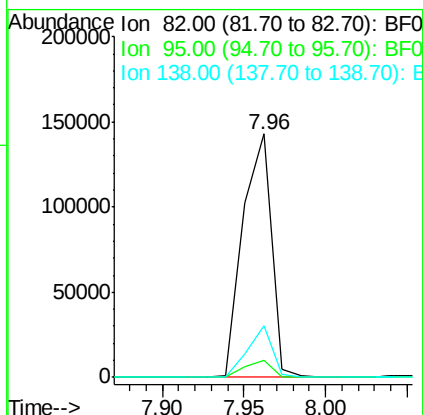
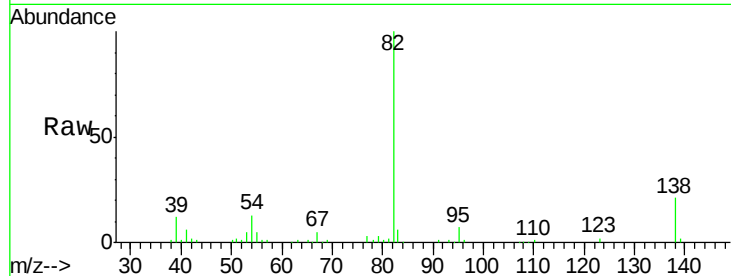




#25
Isophorone
Concen: 46.23 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

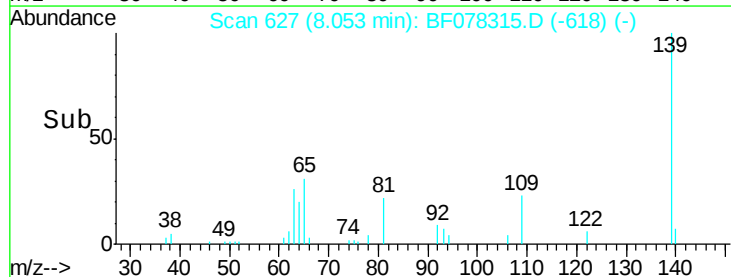
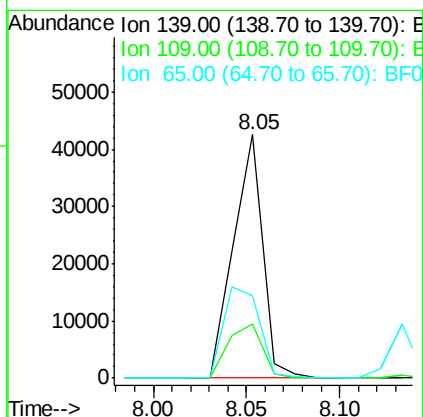
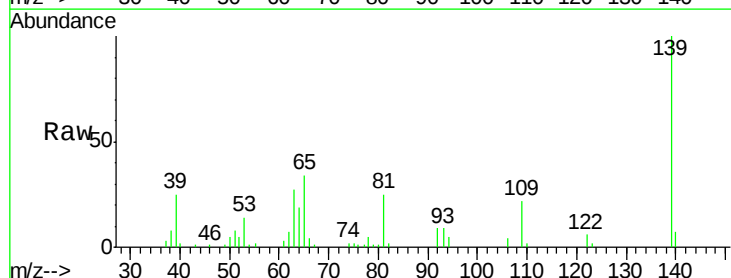
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

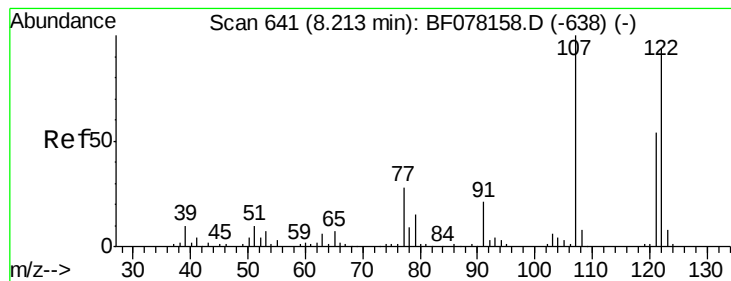
Tgt Ion: 82 Resp: 173577
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 21.2 15.8 23.8



#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

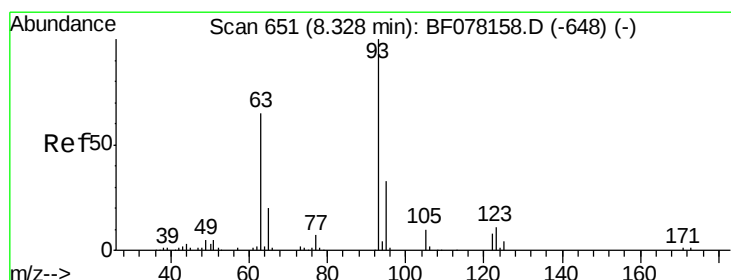
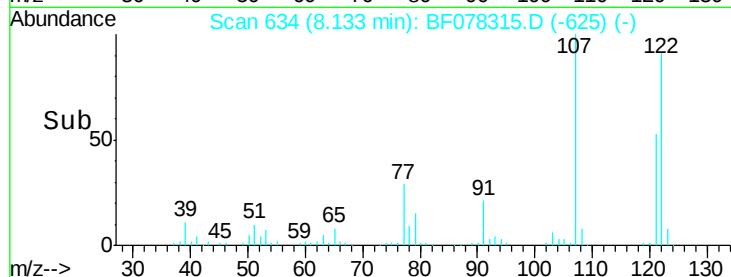
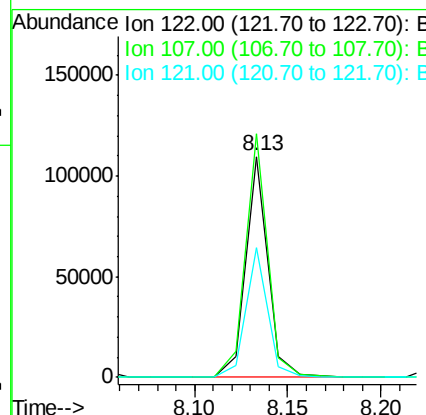
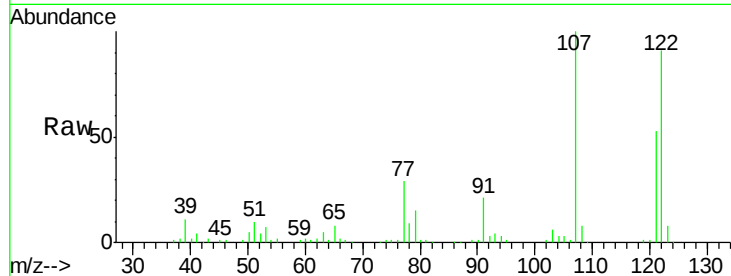




#27
 2,4-Dimethylphenol
 Concen: 49.69 ng
 RT: 8.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

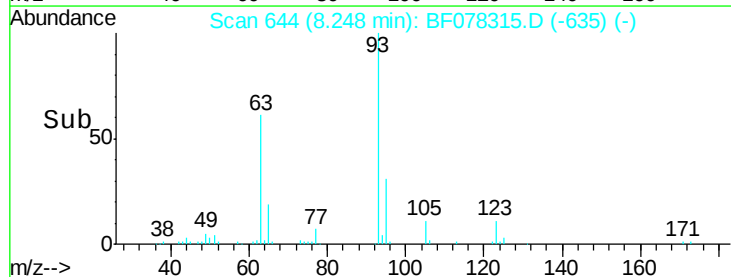
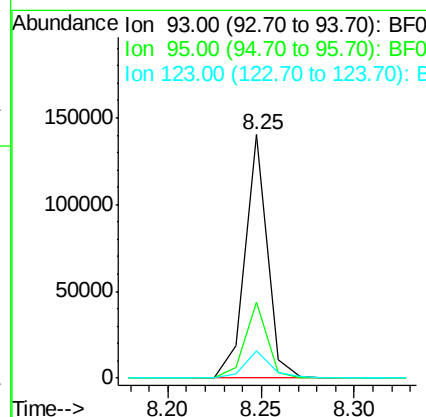
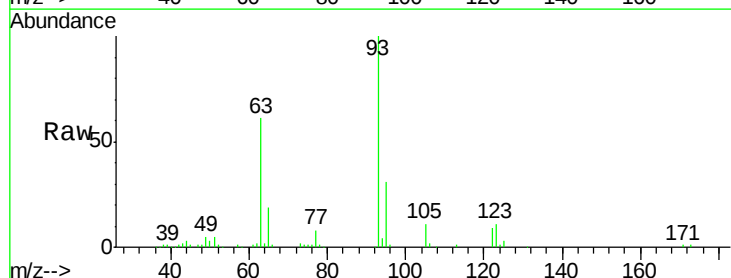
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

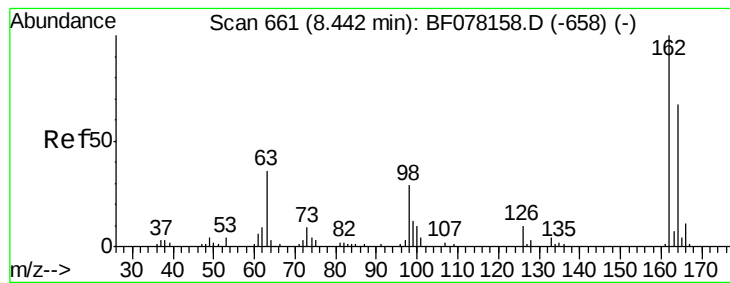
Tgt Ion:122 Resp: 91053
 Ion Ratio Lower Upper
 122 100
 107 110.2 84.6 127.0
 121 58.4 46.0 69.0



#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

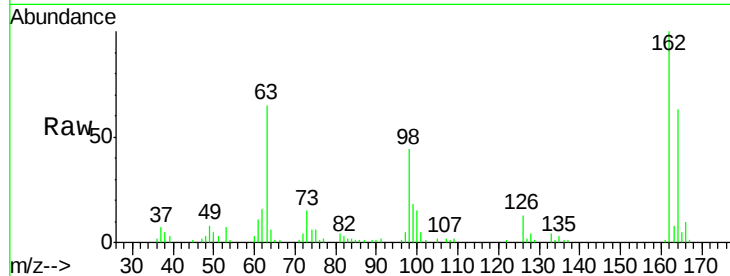




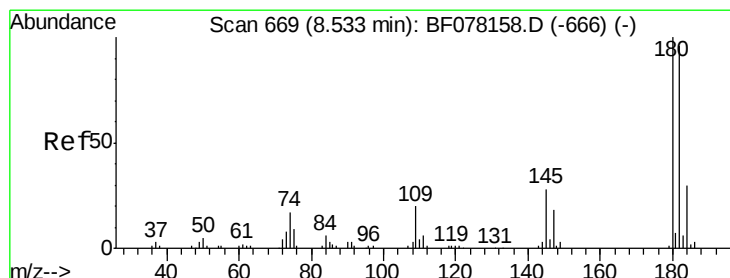
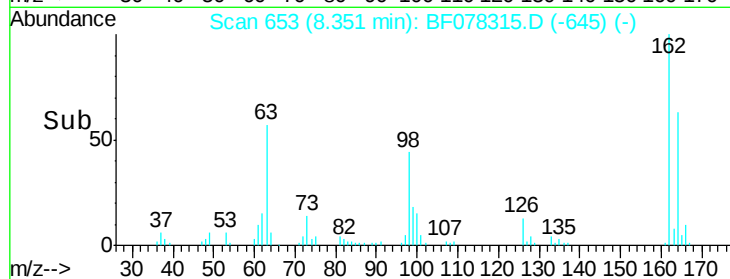
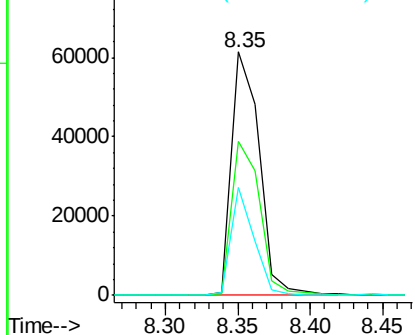
#29
 2,4-Dichlorophenol
 Concen: 48.99 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

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

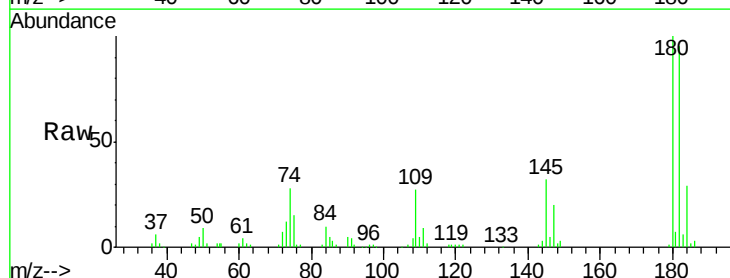


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

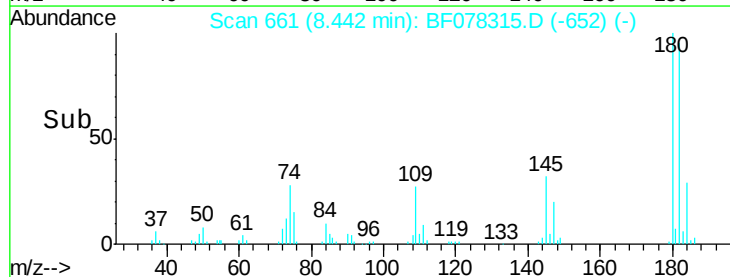
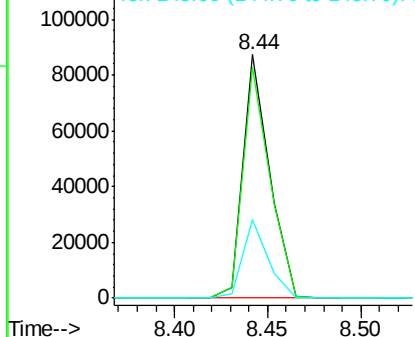


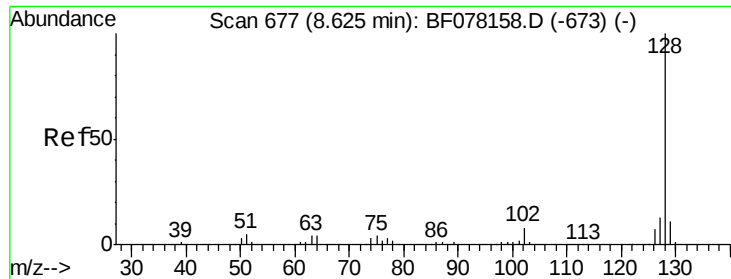
#30
 1,2,4-Trichlorobenzene
 Concen: 45.21 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

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

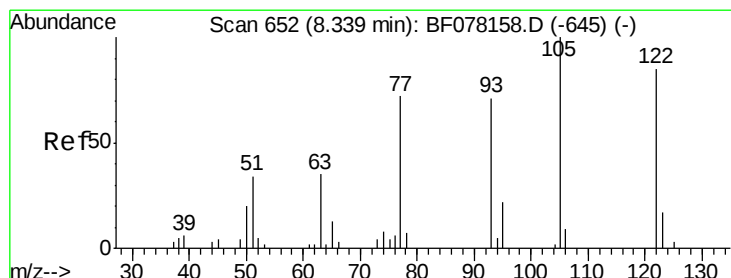
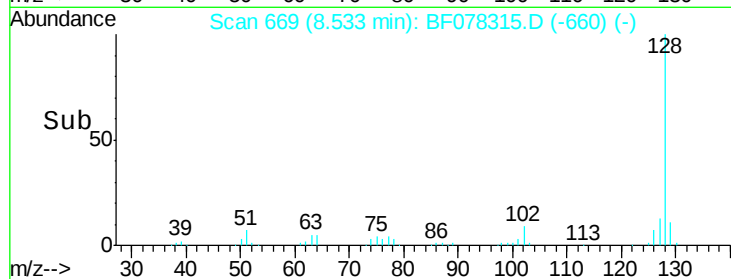
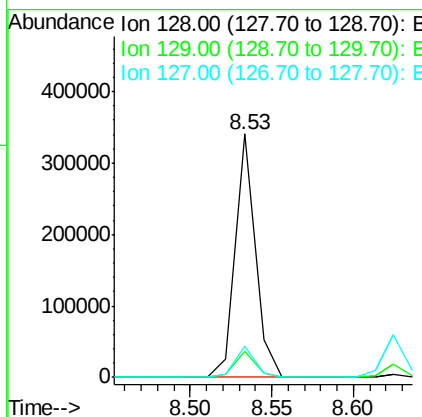
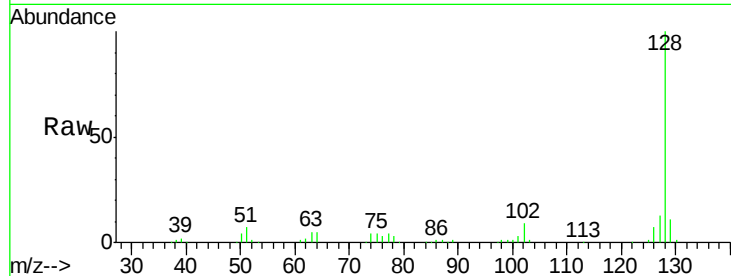




#31
Naphthalene
Concen: 46.47 ng
RT: 8.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

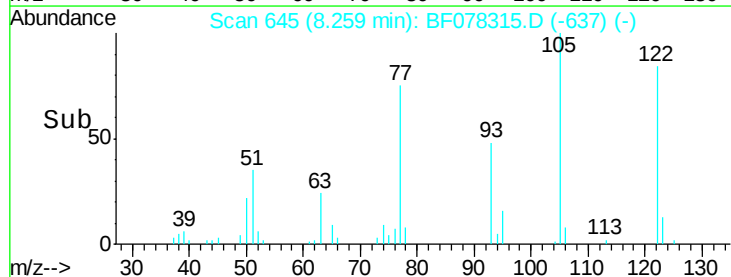
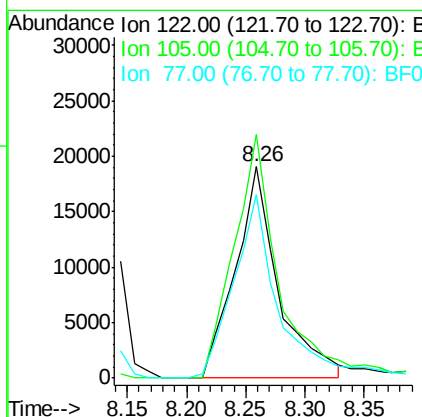
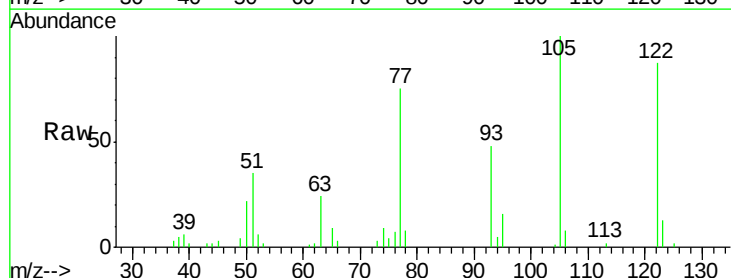
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

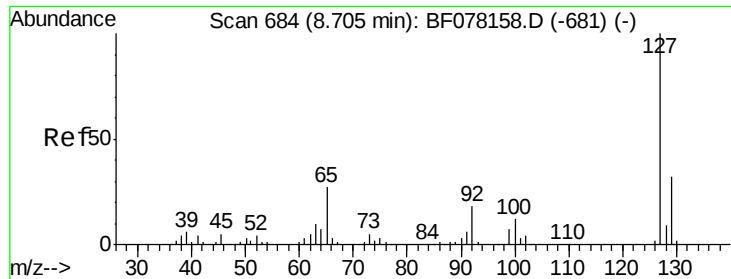
Tgt Ion:128 Resp: 290030
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.7 16.1



#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

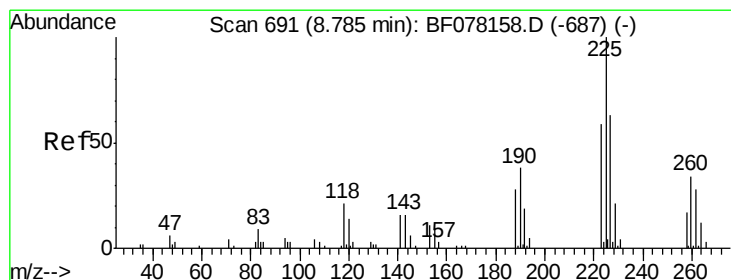
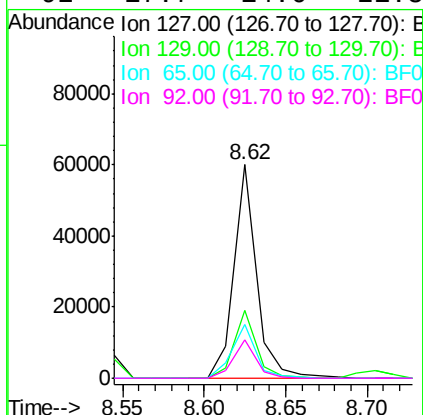
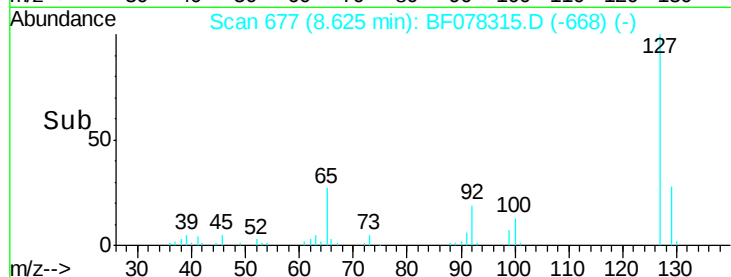
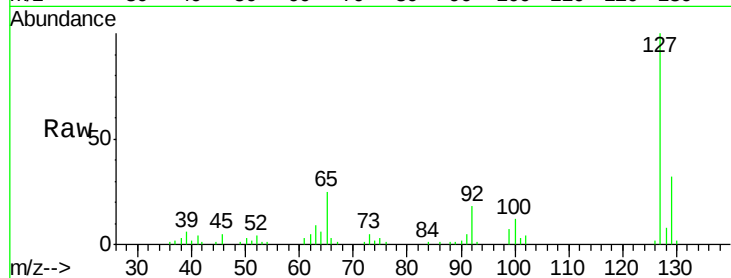




#33
4-Chloroaniline
Concen: 22.24 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

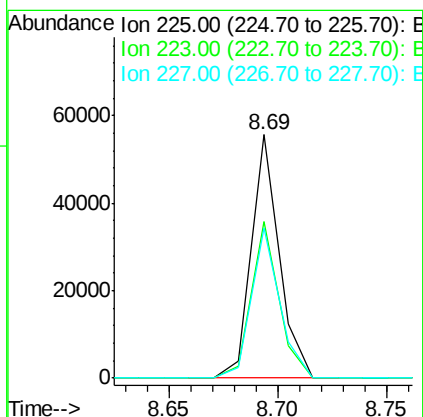
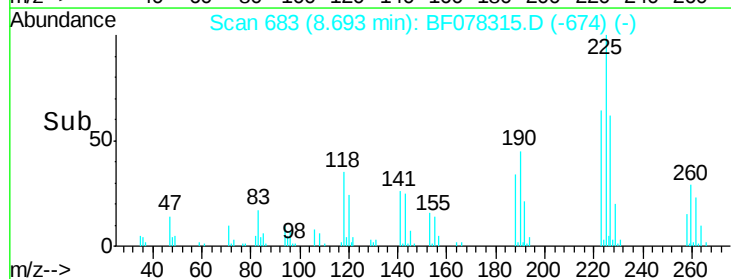
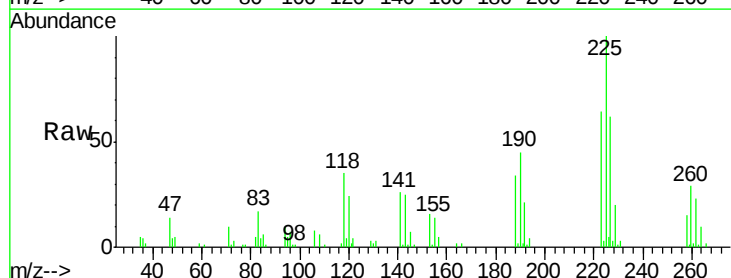
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

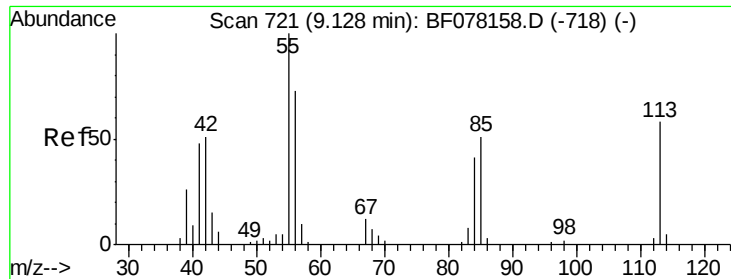
Tgt Ion:	127	Resp:	57598
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	25.2	21.7	32.5
92	17.7	14.6	21.8



#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

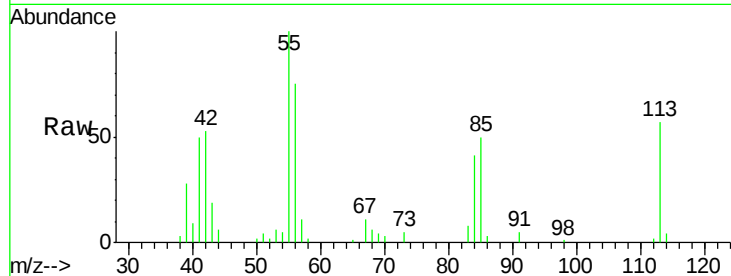




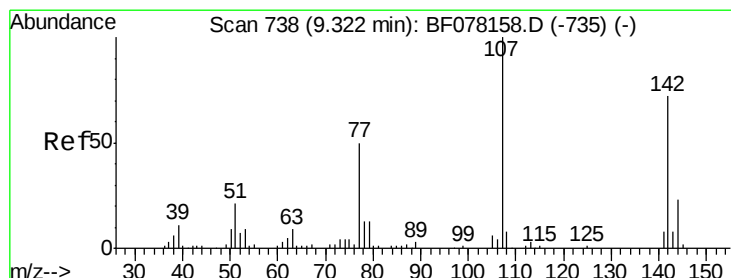
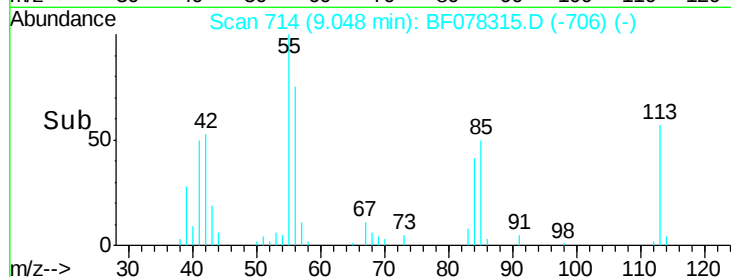
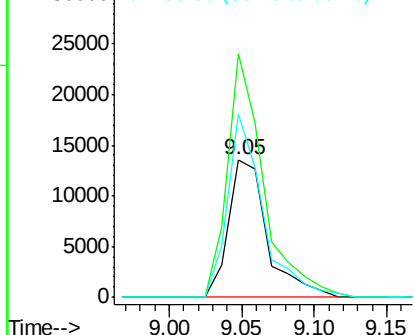
#35
 Caprolactam
 Concen: 50.55 ng
 RT: 9.05 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tgt Ion:113 Resp: 25154
 Ion Ratio Lower Upper
 113 100
 55 176.4 151.9 191.9
 56 132.6 106.1 146.1

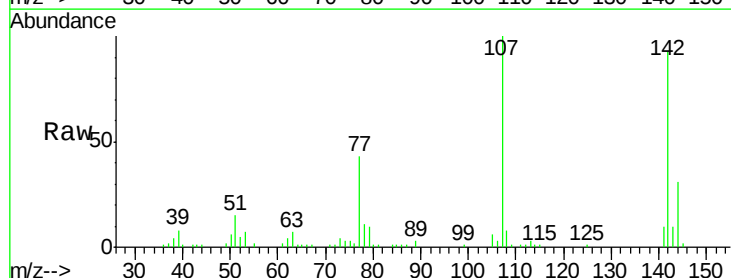


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

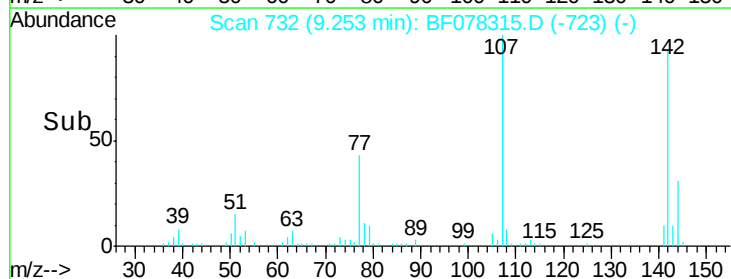
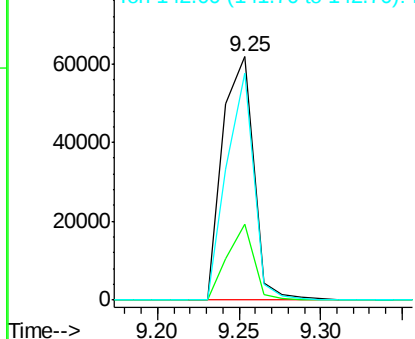


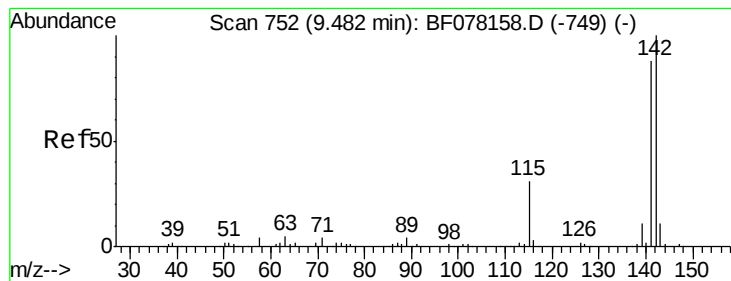
#36
 4-Chloro-3-methylphenol
 Concen: 48.26 ng
 RT: 9.25 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

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

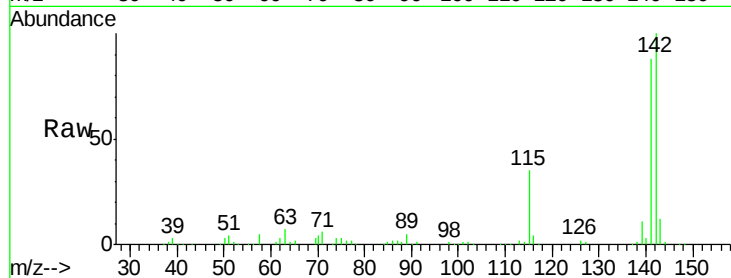
Tgt Ion:142 Resp: 194416

Ion Ratio Lower Upper

142 100

141 88.5 70.3 105.5

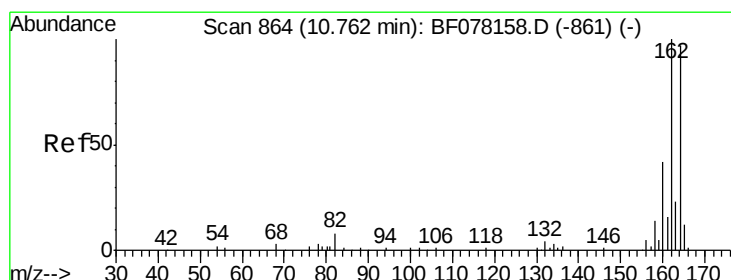
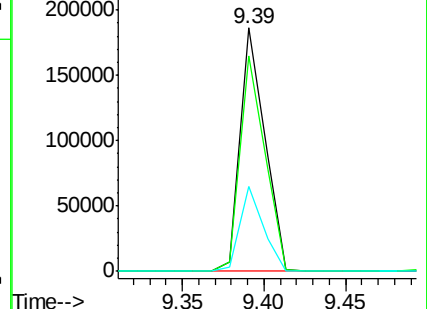
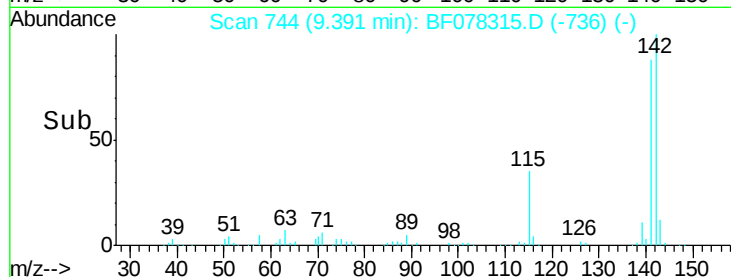
115 34.7 24.6 37.0



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

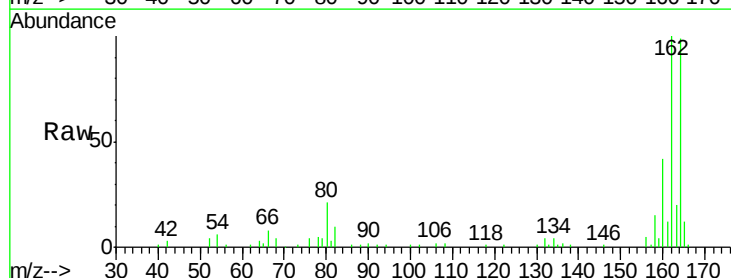
Tgt Ion:164 Resp: 60305

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.2

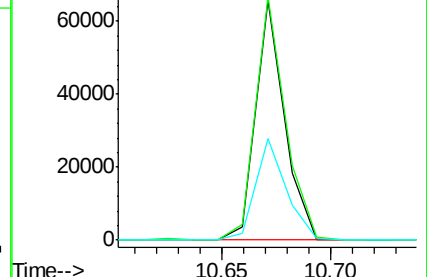
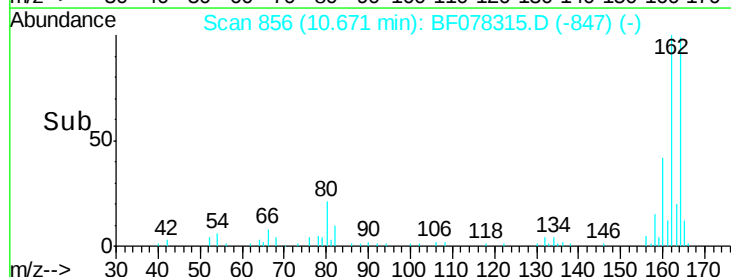
160 42.3 34.7 52.1

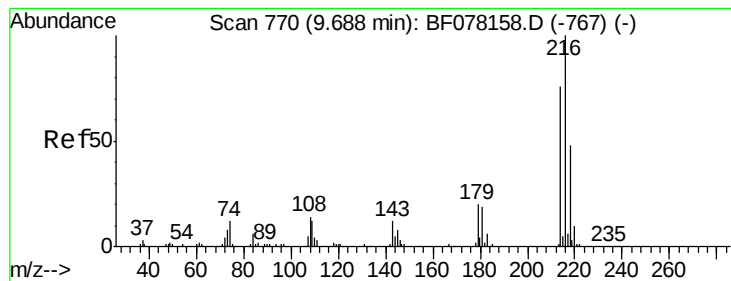


Abundance Ion 164.00 (163.70 to 164.70): E

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

Tgt Ion:216 Resp: 83528

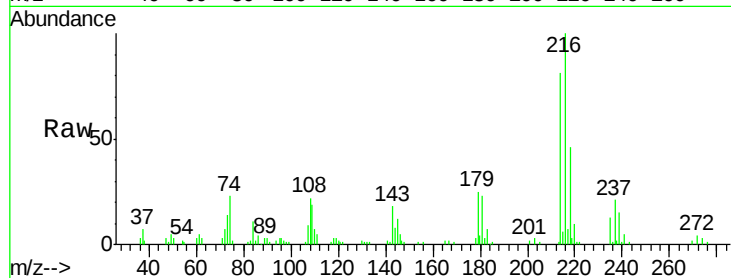
Ion Ratio Lower Upper

216 100

214 79.5 62.0 93.0

179 21.8 17.3 25.9

108 20.9 14.6 21.8

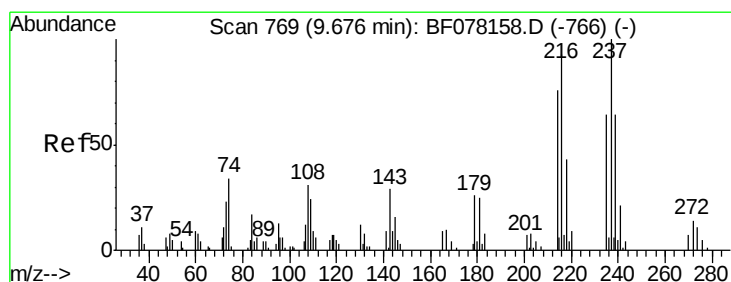
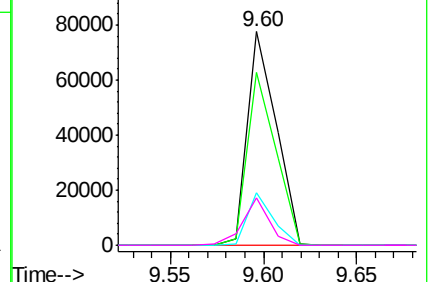
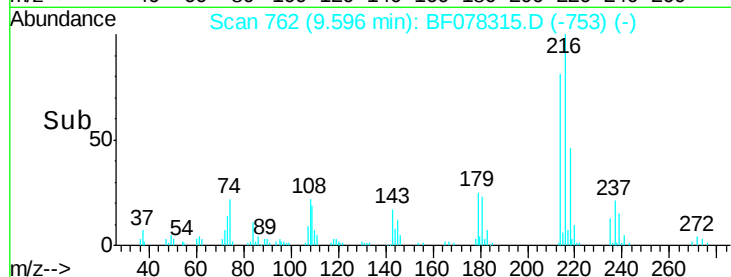


Abundance Ion 216.00 (215.70 to 216.70): E

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

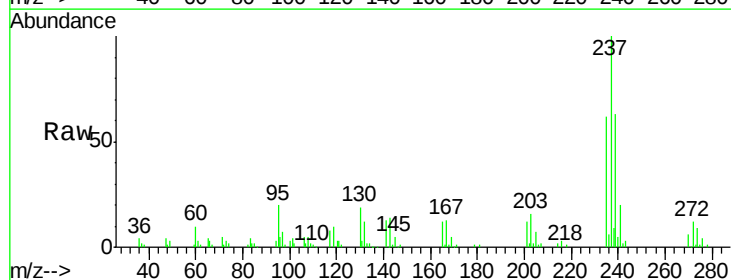
Tgt Ion:237 Resp: 80480

Ion Ratio Lower Upper

237 100

235 62.1 44.1 84.1

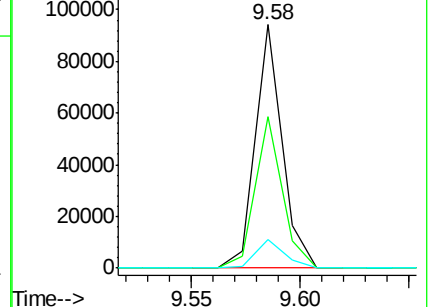
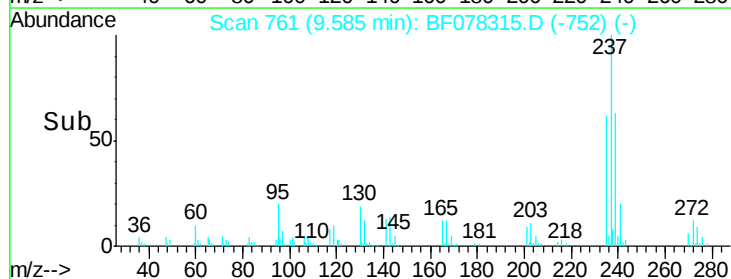
272 11.6 0.0 34.4

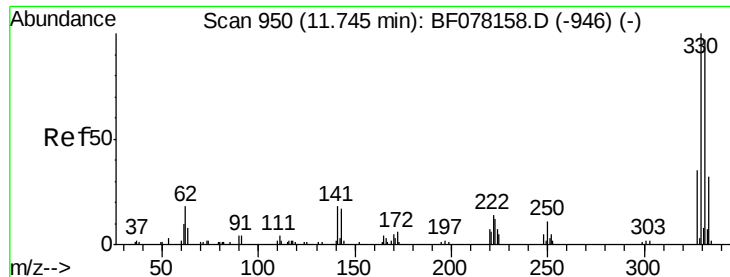


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

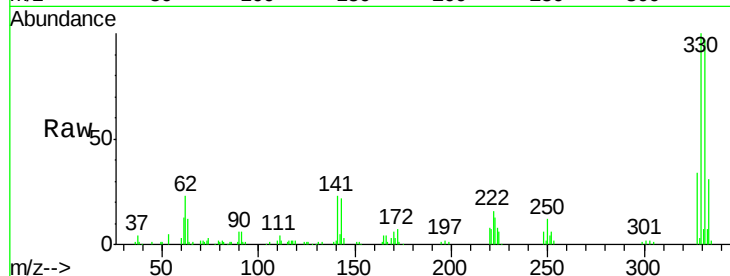




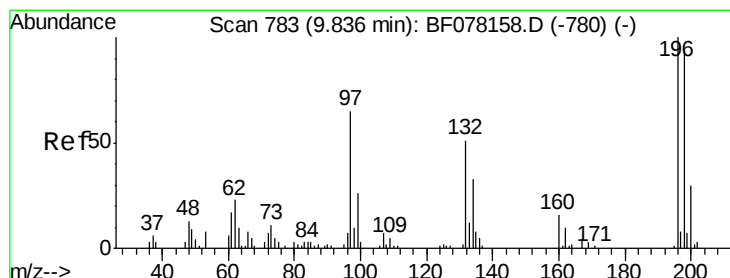
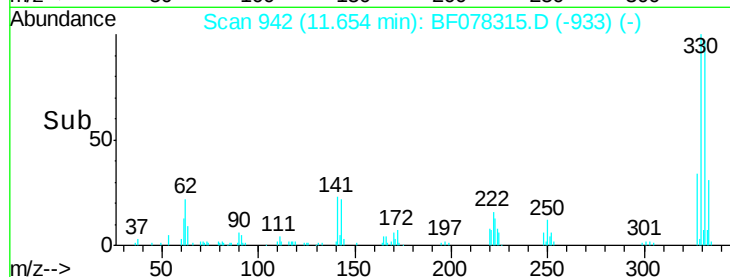
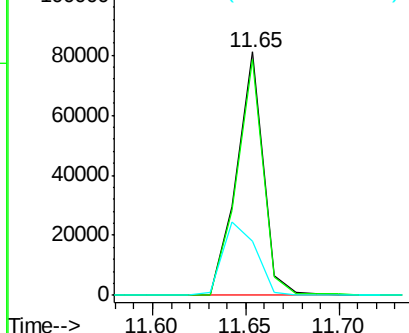
#41
 2,4,6-Tribromophenol
 Concen: 162.06 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tgt Ion:330 Resp: 81054
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.6 117.8
 141 37.3 31.2 46.8

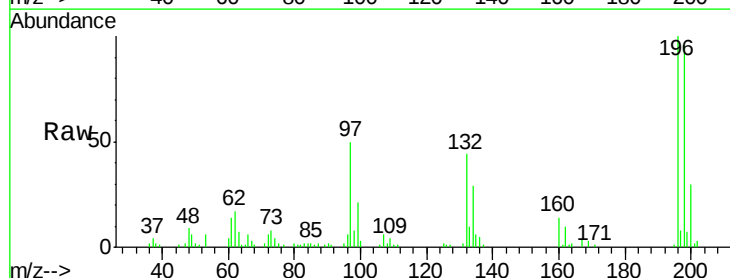


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

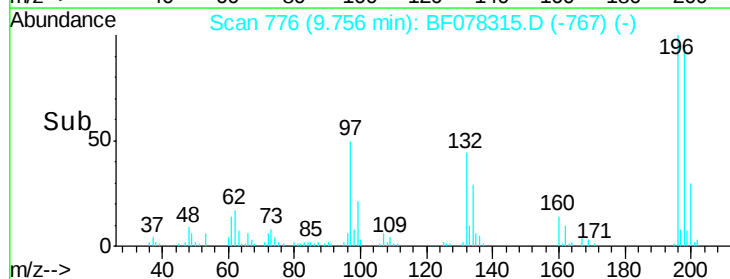
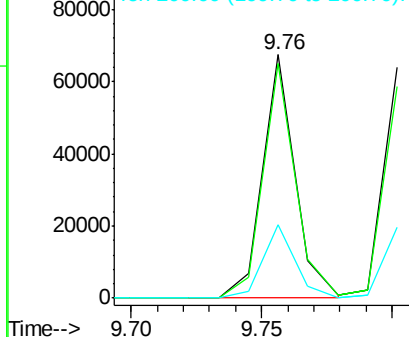


#42
 2,4,6-Trichlorophenol
 Concen: 49.87 ng
 RT: 9.76 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

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

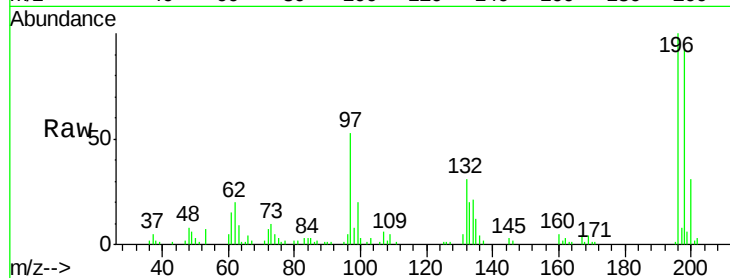




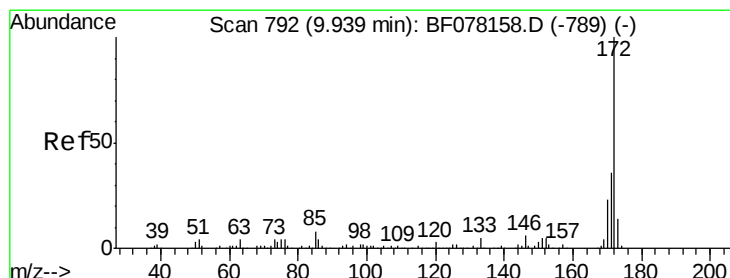
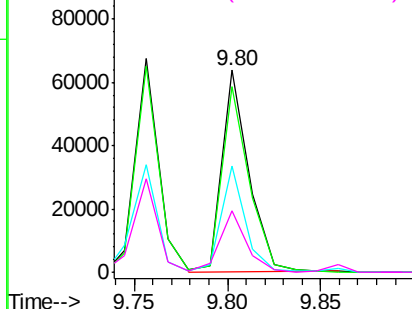
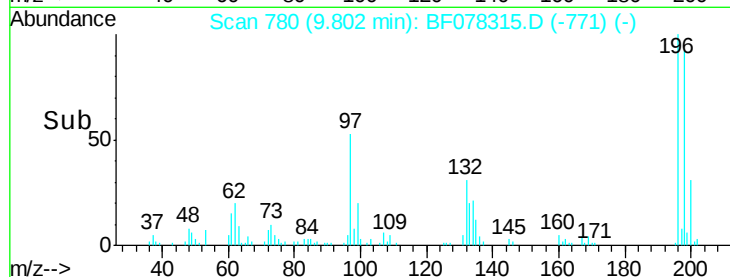
#43
 2,4,5-Trichlorophenol
 Concen: 51.94 ng
 RT: 9.80 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tgt 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

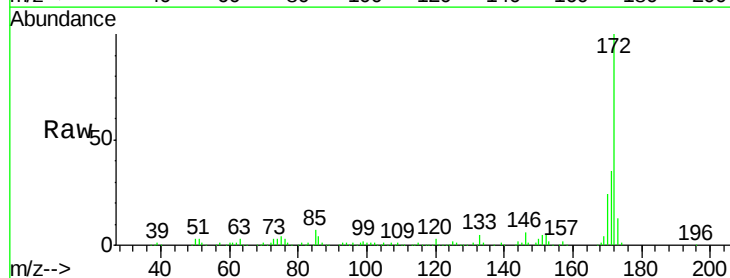


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

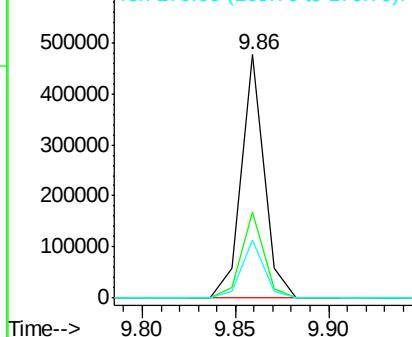
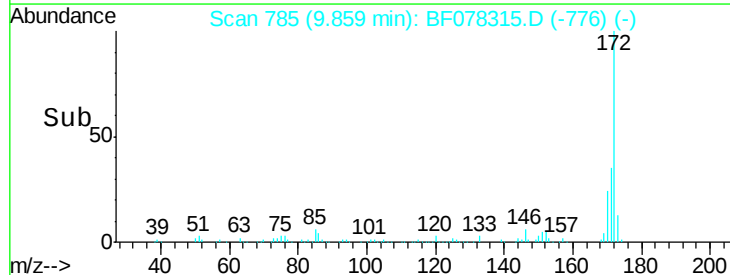


#44
 2-Fluorobiphenyl
 Concen: 96.62 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

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

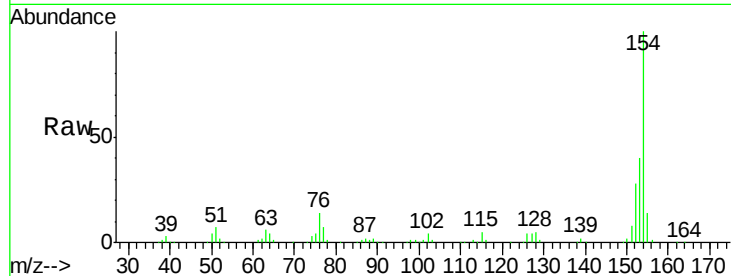




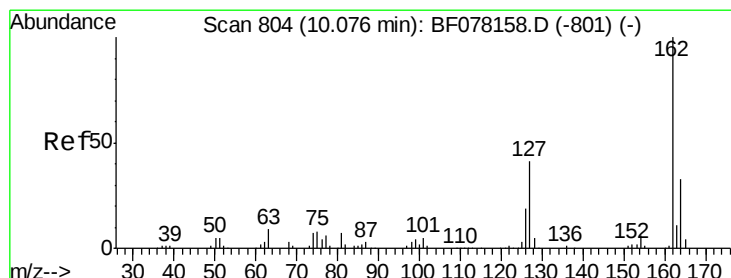
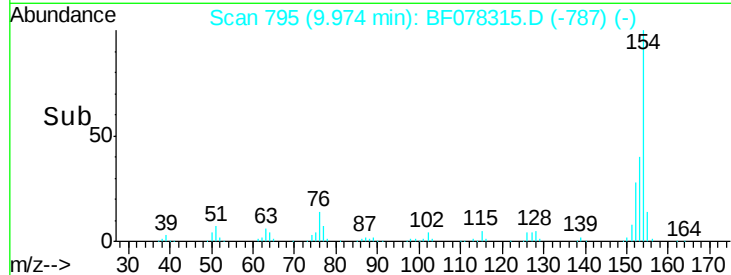
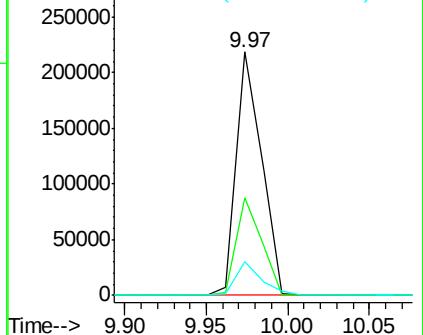
#45
 1,1'-Biphenyl
 Concen: 47.21 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	14.0	0.0	30.6

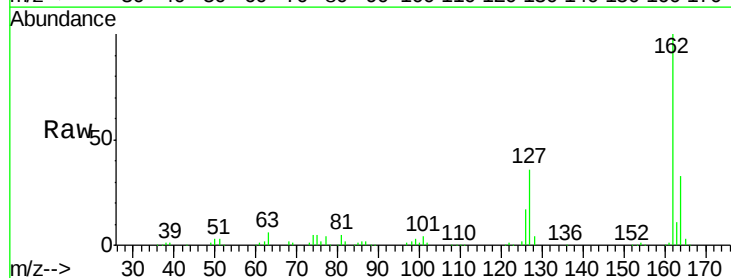


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

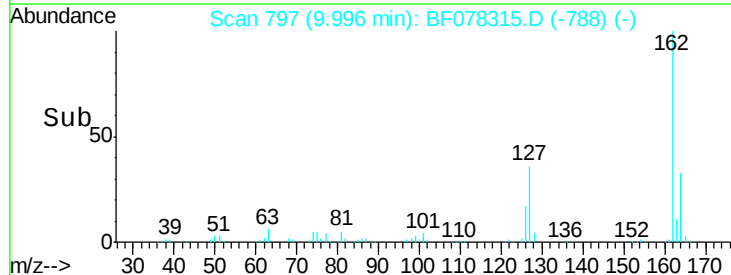
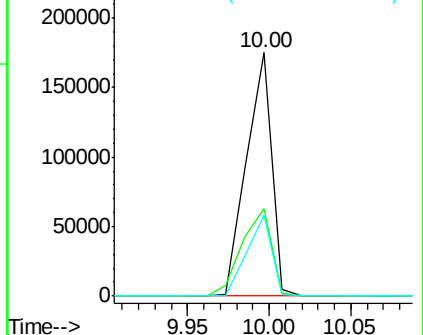


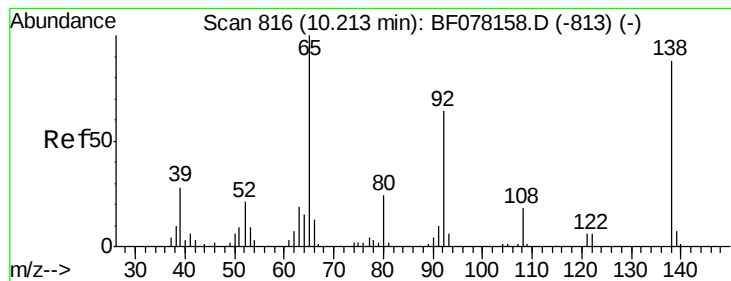
#46
 2-Chloronaphthalene
 Concen: 48.28 ng
 RT: 10.00 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion	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

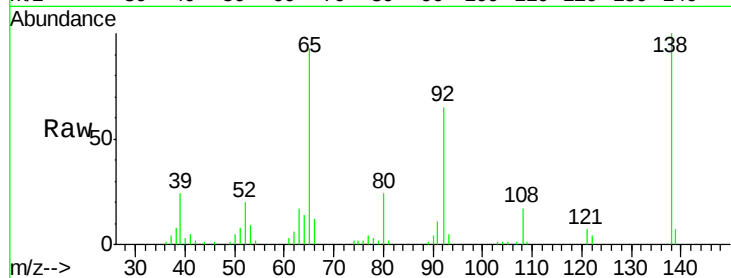
Tgt Ion: 65 Resp: 50754

Ion Ratio Lower Upper

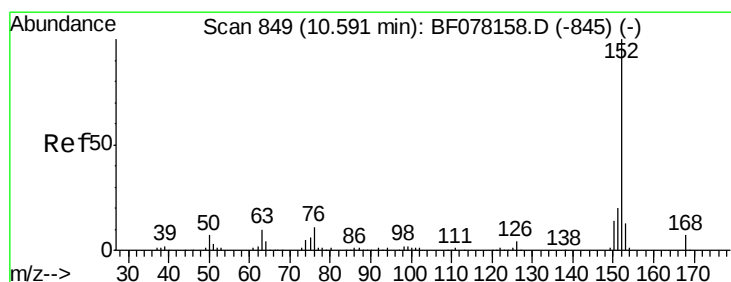
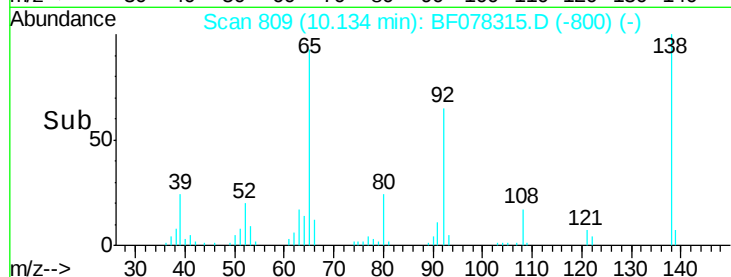
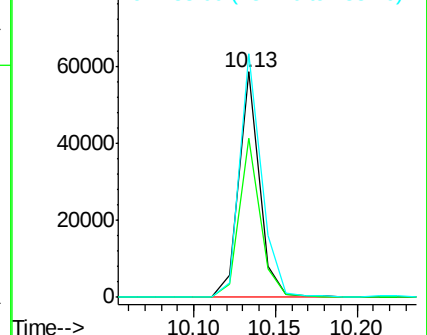
65 100

92 70.5 51.3 76.9

138 108.1 70.4 105.6#



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



#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

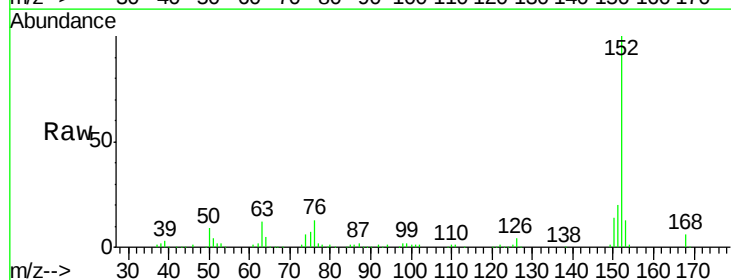
Tgt Ion: 152 Resp: 299368

Ion Ratio Lower Upper

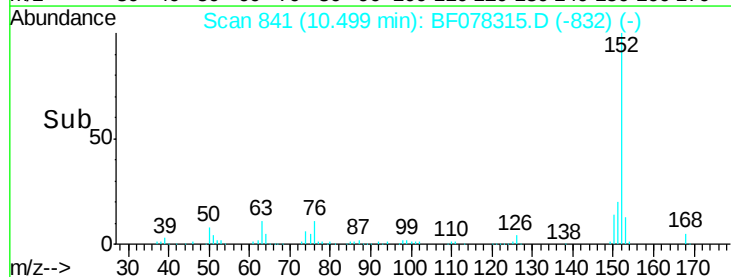
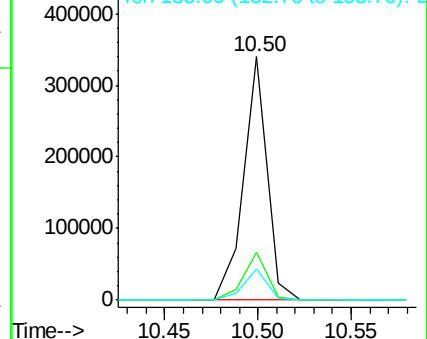
152 100

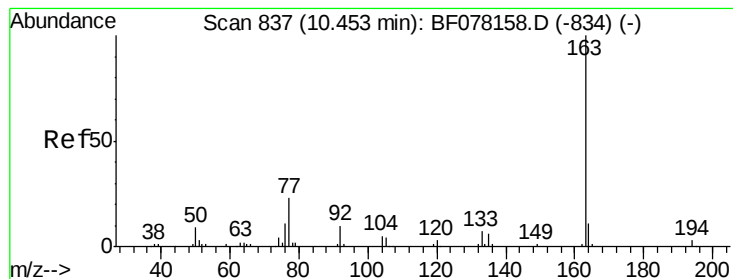
151 19.9 15.7 23.5

153 12.9 10.2 15.2



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





#49

Dimethylphthalate

Concen: 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

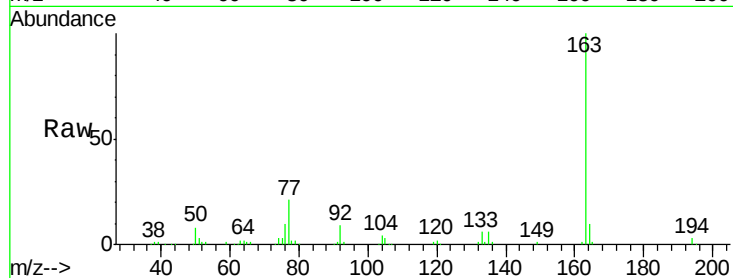
Tgt Ion:163 Resp: 213708

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

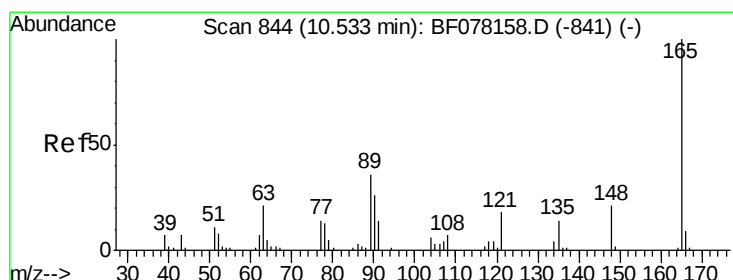
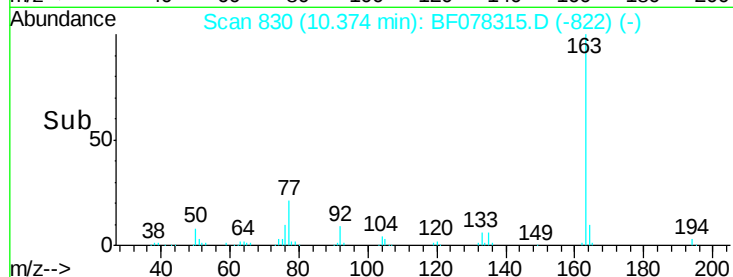
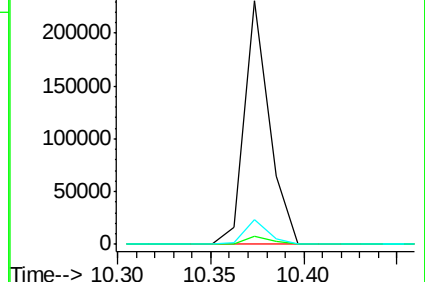
164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 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

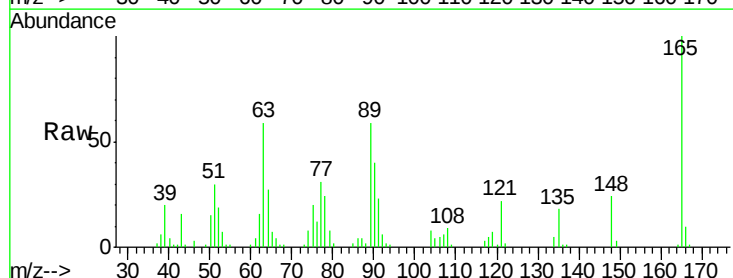
Tgt Ion:165 Resp: 45682

Ion Ratio Lower Upper

165 100

63 59.3 24.1 36.1#

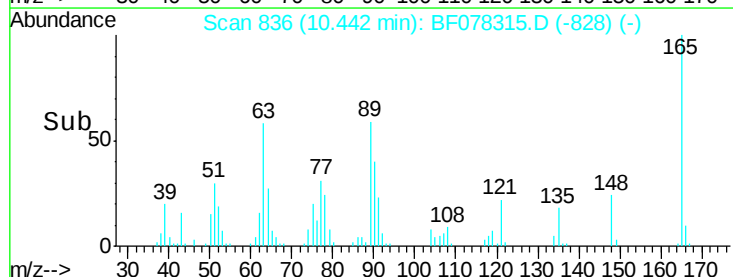
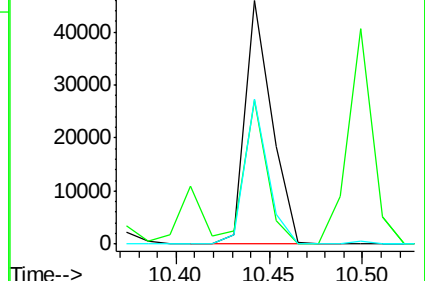
89 59.3 28.9 43.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

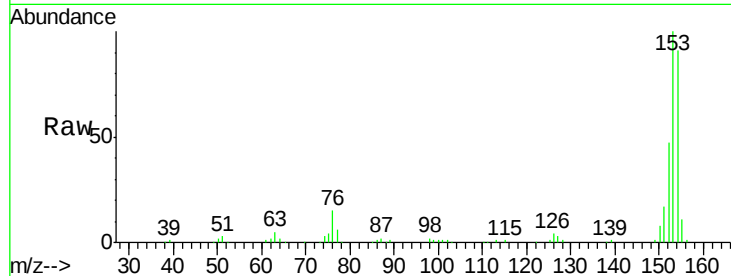




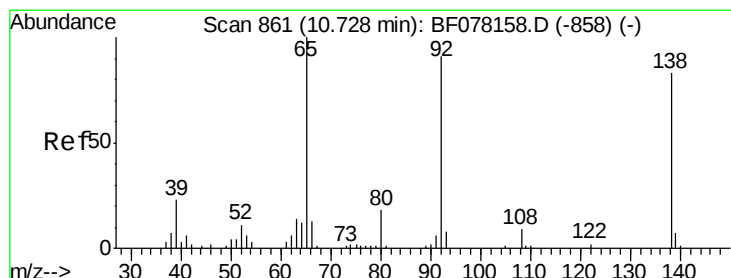
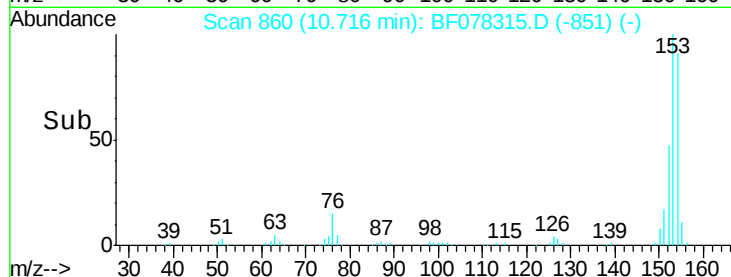
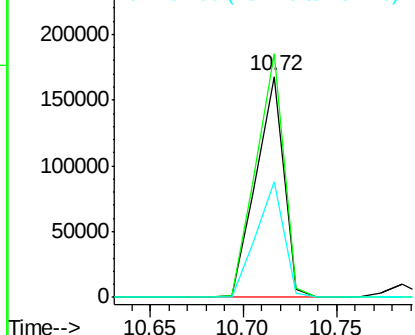
#51
Acenaphthene
Concen: 48.93 ng
RT: 10.72 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Instrument :
BNA_F
ClientSampleId :
PB82571BSD

Tgt Ion:154 Resp: 172662
Ion Ratio Lower Upper
154 100
153 110.2 91.4 137.2
152 52.1 43.0 64.6

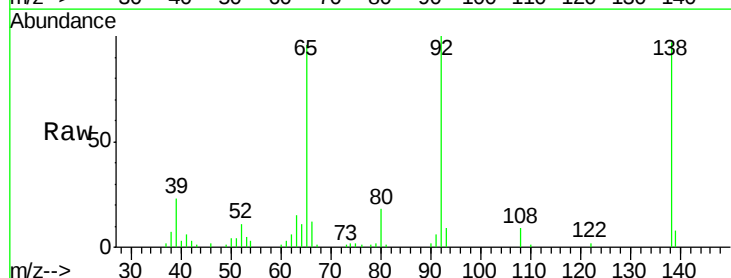


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

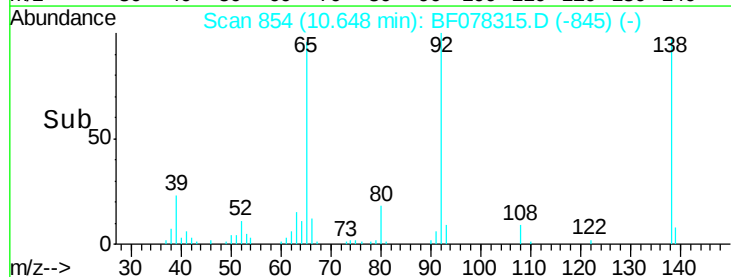
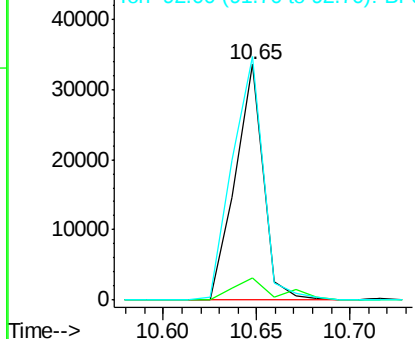


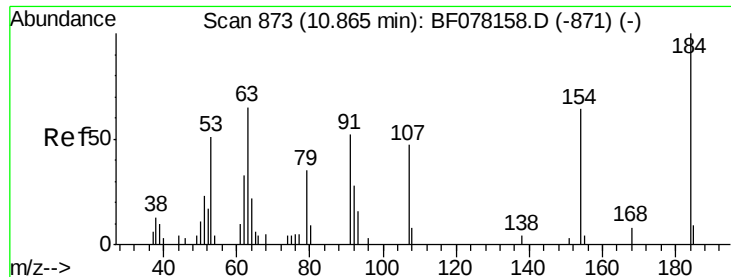
#52
3-Nitroaniline
Concen: 33.50 ng
RT: 10.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

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

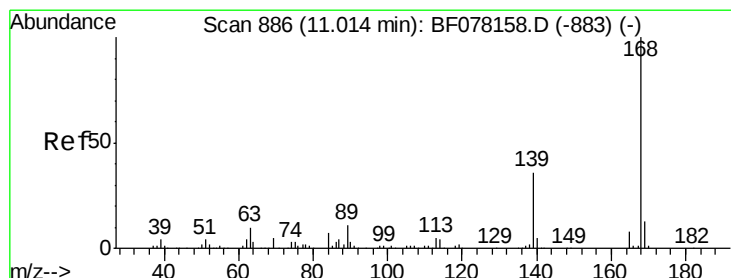
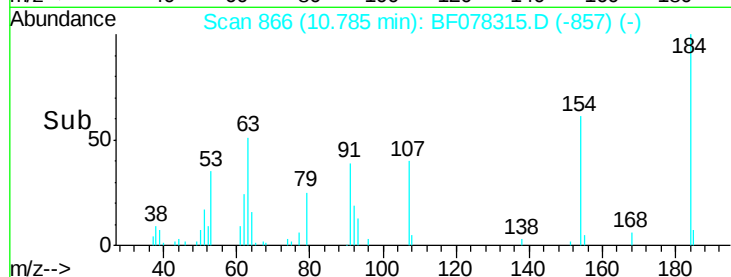
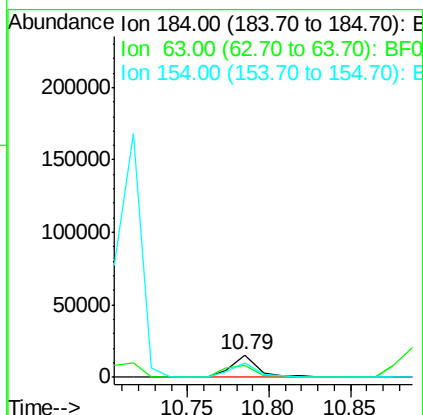
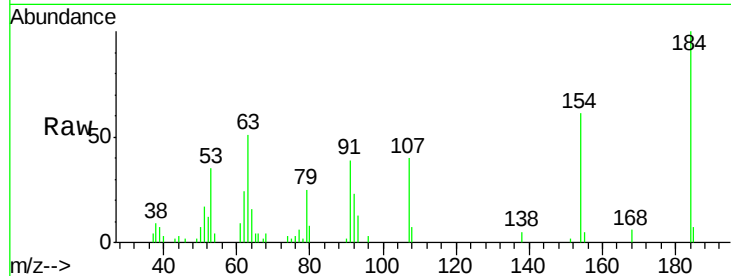




#53
 2,4-Dinitrophenol
 Concen: 58.99 ng
 RT: 10.79 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

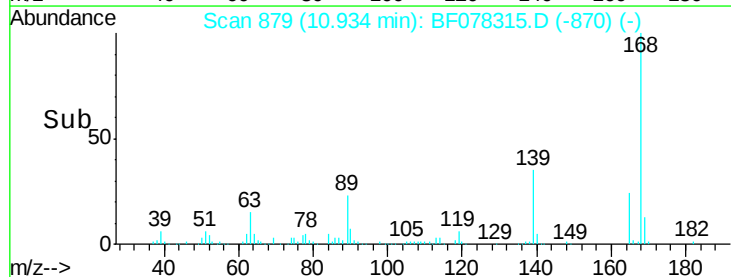
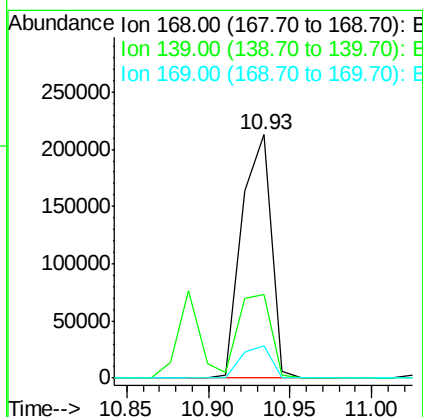
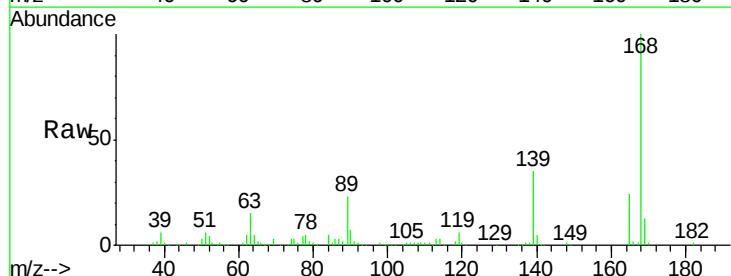
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

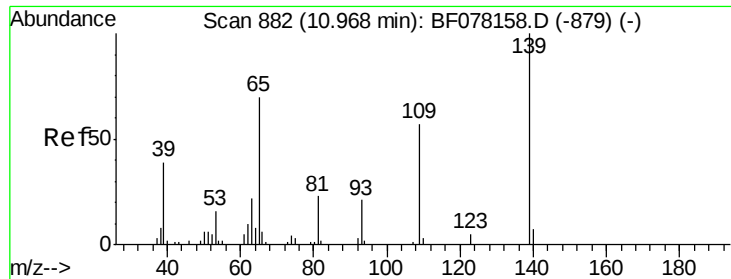
Tgt Ion:184 Resp: 18454
 Ion Ratio Lower Upper
 184 100
 63 51.0 51.9 77.9#
 154 61.4 51.0 76.4



#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

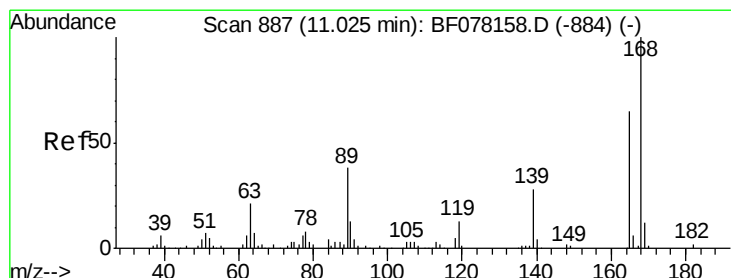
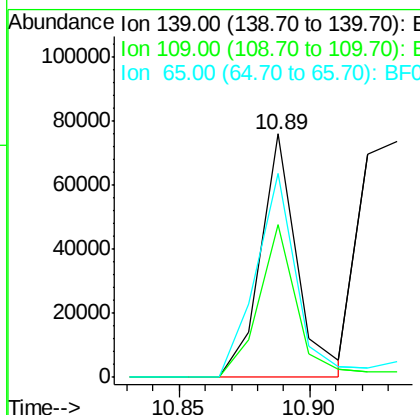
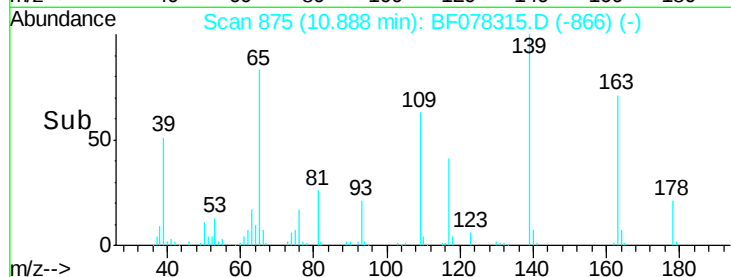
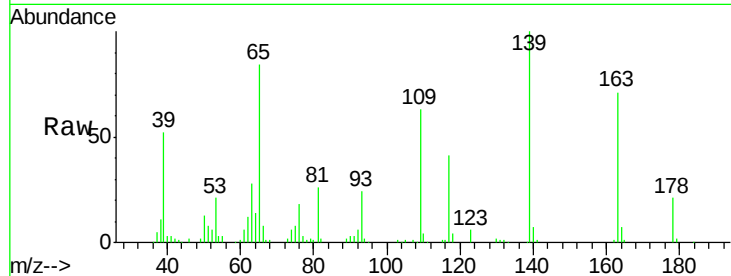




#55
4-Nitrophenol
Concen: 94.27 ng
RT: 10.89 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

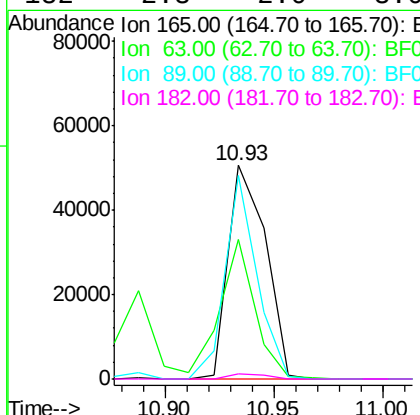
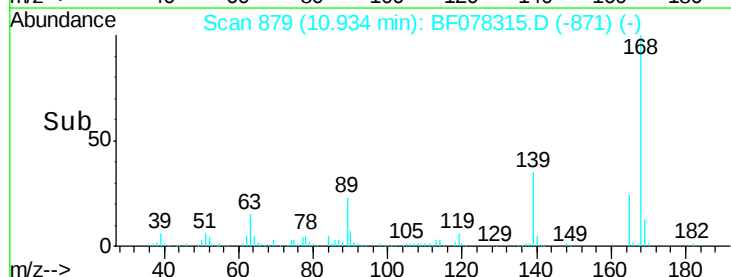
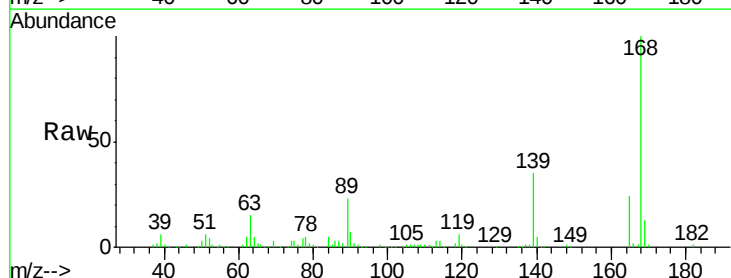
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

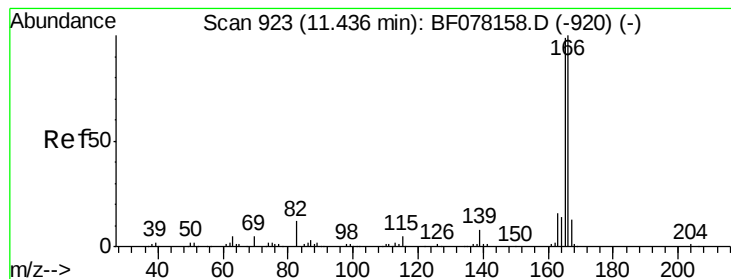
Tgt Ion:139 Resp: 73973
Ion Ratio Lower Upper
139 100
109 62.9 36.7 76.7
65 83.6 49.9 89.9



#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

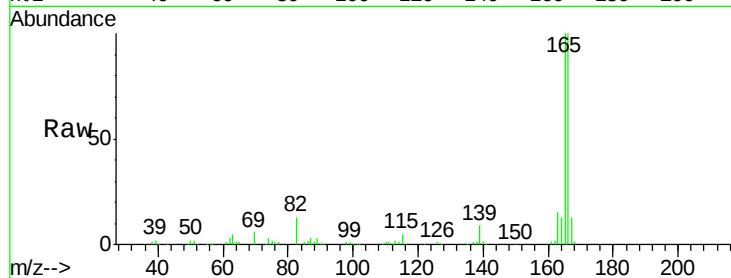
Tgt Ion:166 Resp: 213819

Ion Ratio Lower Upper

166 100

165 100.0 78.9 118.3

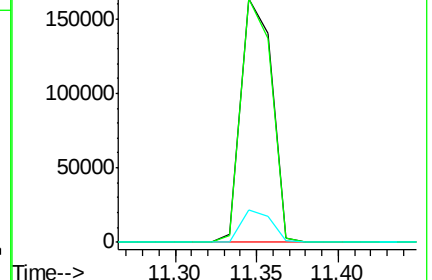
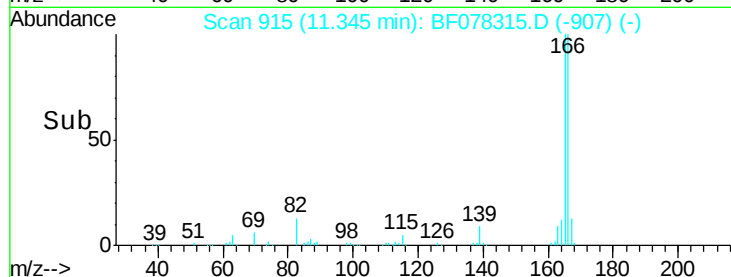
167 13.2 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.38 ng

RT: 11.04 min Scan# 888

Delta R.T. -0.06 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

Tgt Ion:232 Resp: 48725

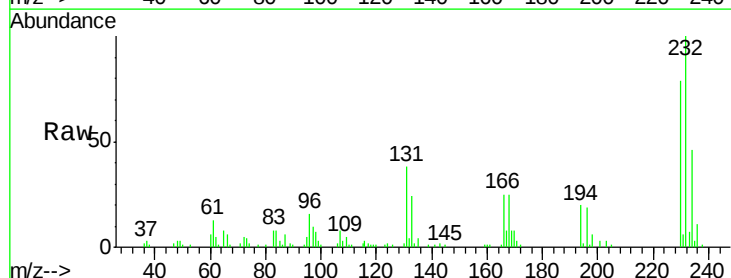
Ion Ratio Lower Upper

232 100

131 39.8 37.8 56.8

130 2.0 1.5 2.3

166 26.0 25.8 38.6

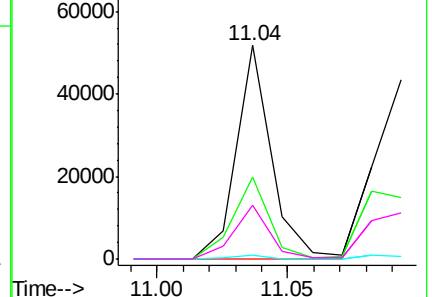
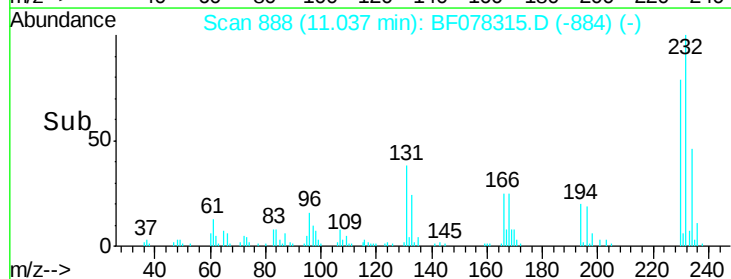


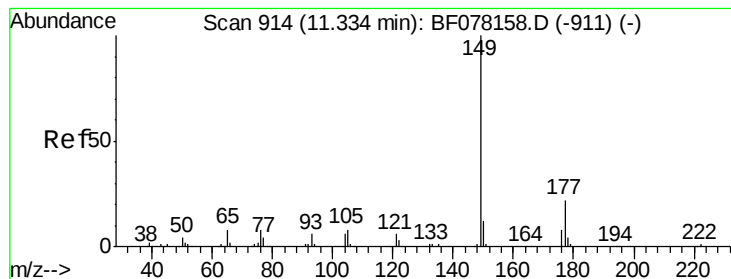
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 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

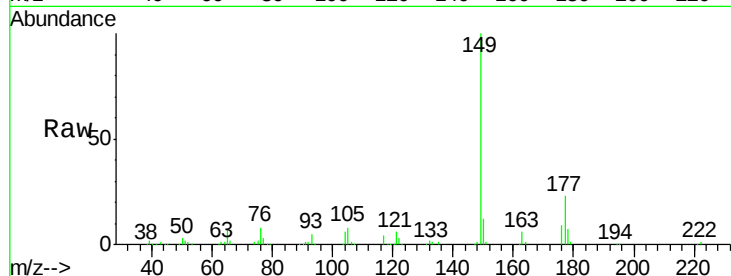
Tgt Ion:149 Resp: 214162

Ion Ratio Lower Upper

149 100

177 22.8 17.4 26.2

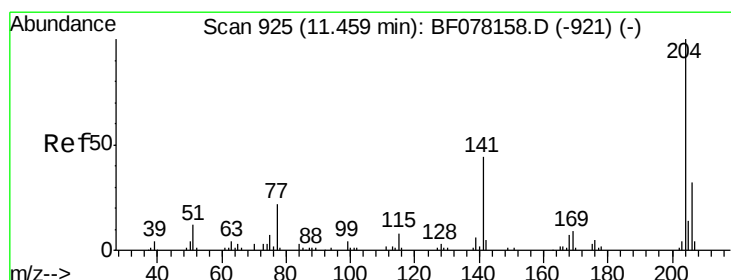
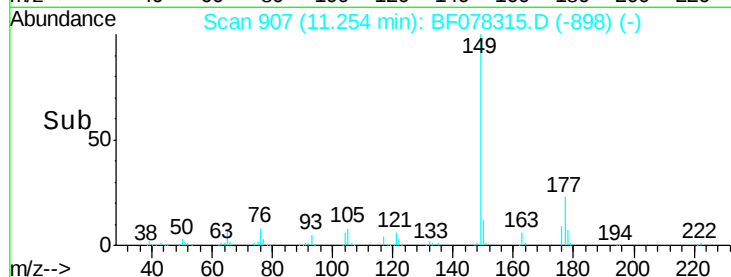
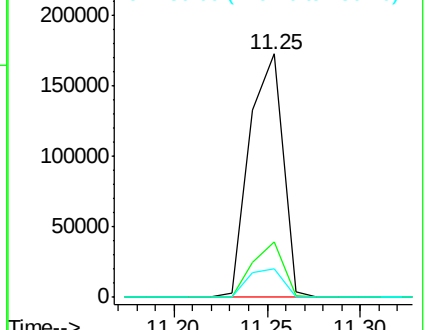
150 11.7 9.4 14.2



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

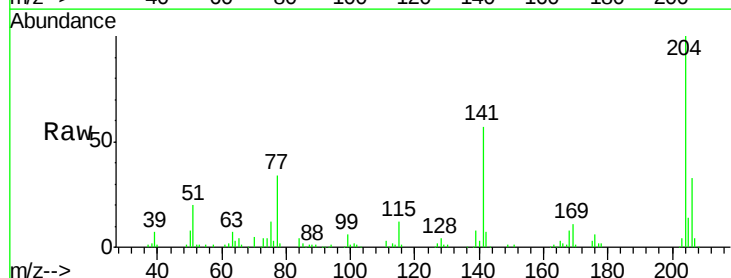
Tgt Ion:204 Resp: 99842

Ion Ratio Lower Upper

204 100

206 33.3 25.6 38.4

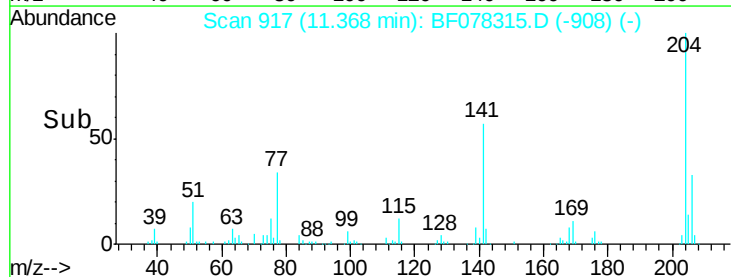
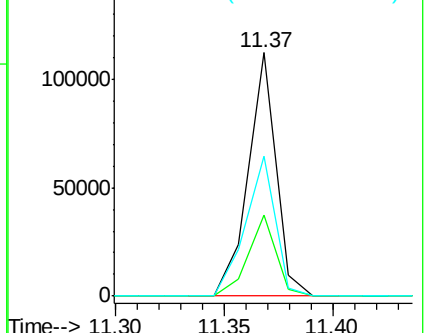
141 57.2 35.4 53.0#



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

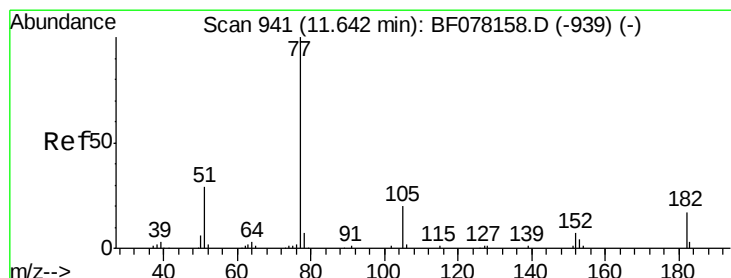
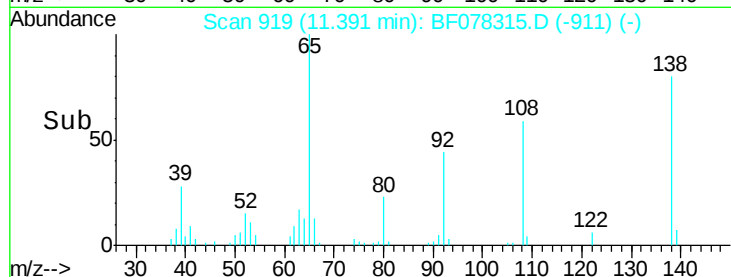
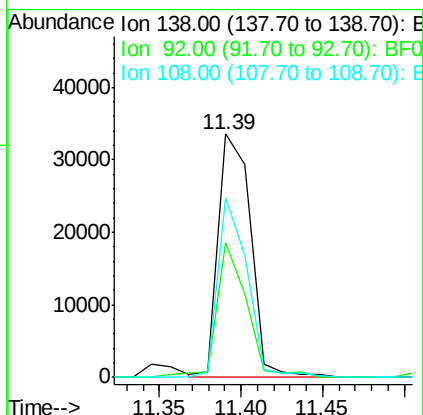
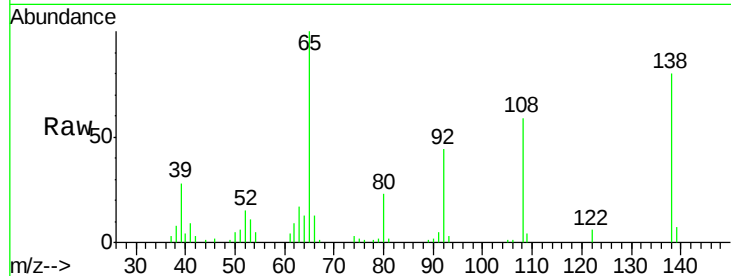




#61
4-Nitroaniline
Concen: 42.89 ng
RT: 11.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

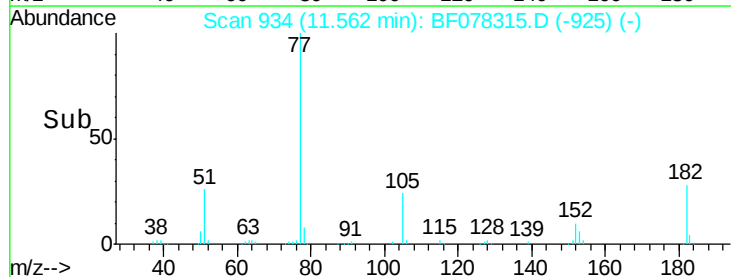
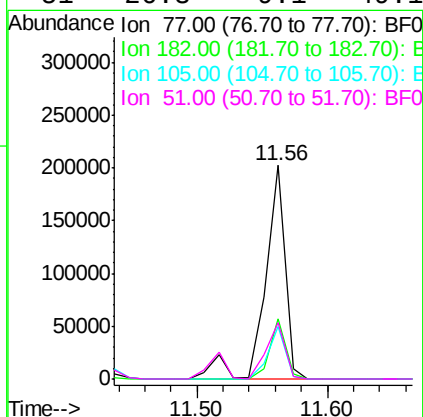
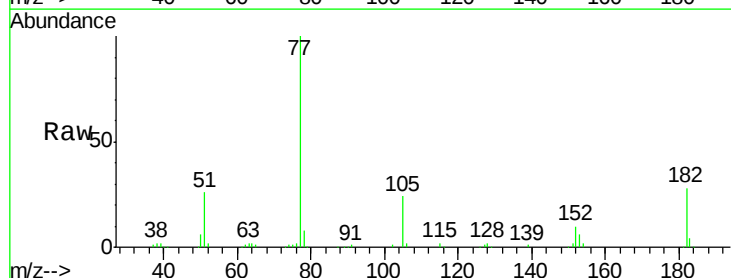
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

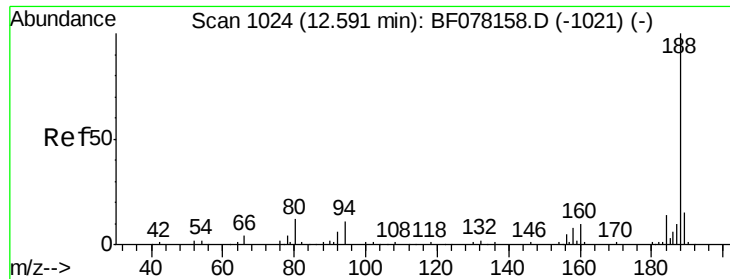
Tgt Ion: 138 Resp: 45958
Ion Ratio Lower Upper
138 100
92 55.5 27.3 67.3
108 74.0 47.2 87.2



#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

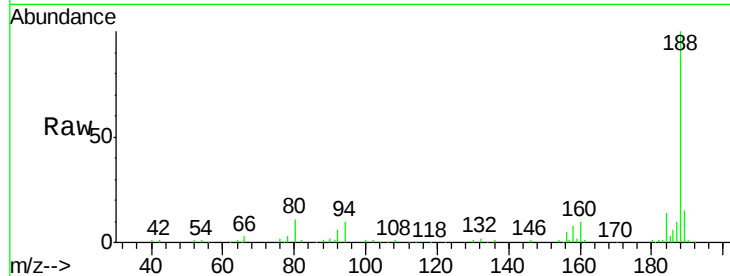




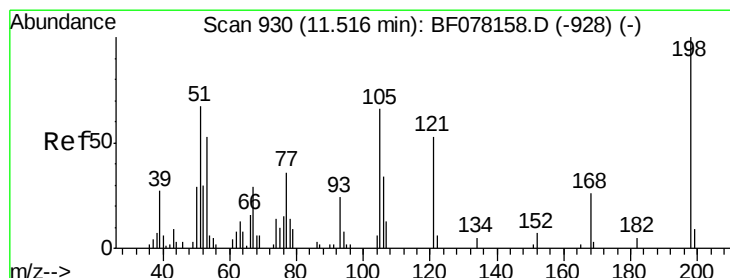
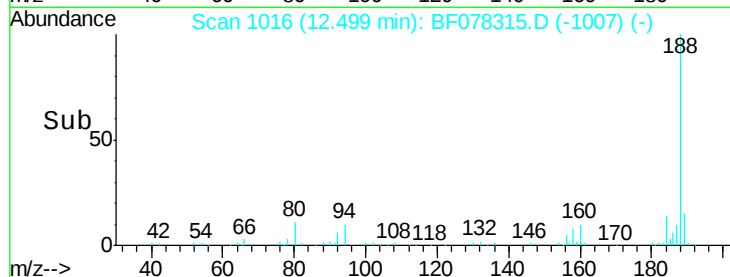
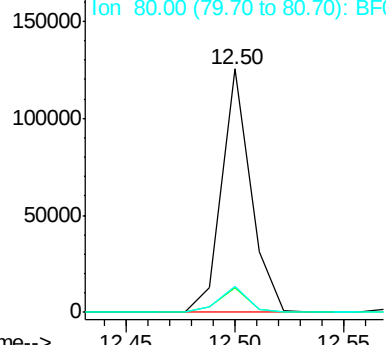
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tgt Ion:188 Resp: 116511
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.0 13.4
 80 10.5 9.5 14.3

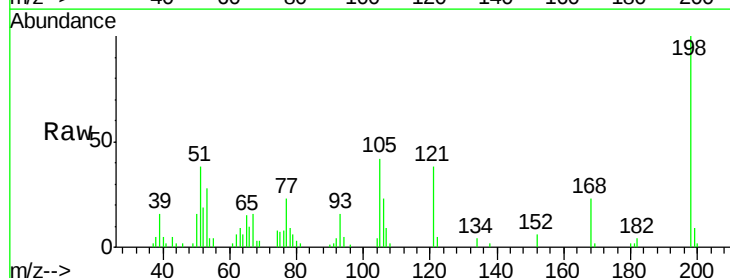


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

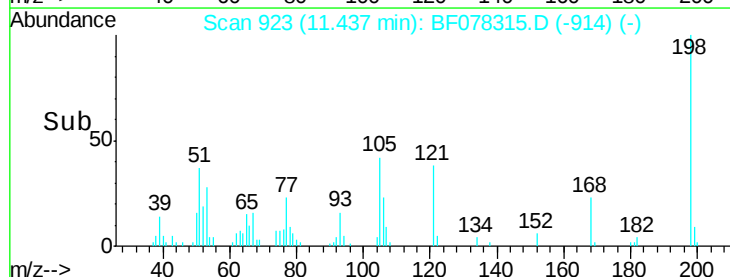
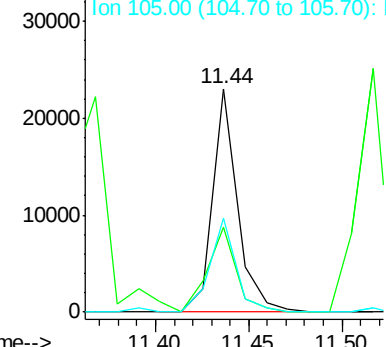


#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.25 ng
 RT: 11.44 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:198 Resp: 21605
 Ion Ratio Lower Upper
 198 100
 51 38.1 48.6 88.6#
 105 42.1 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

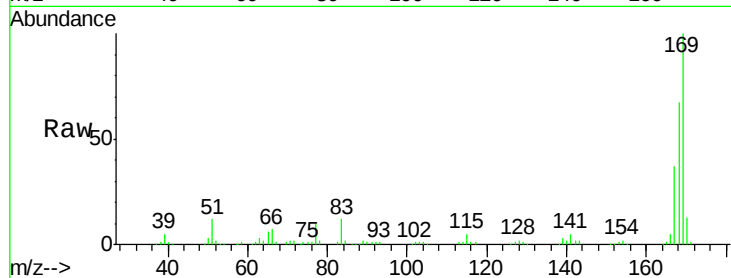




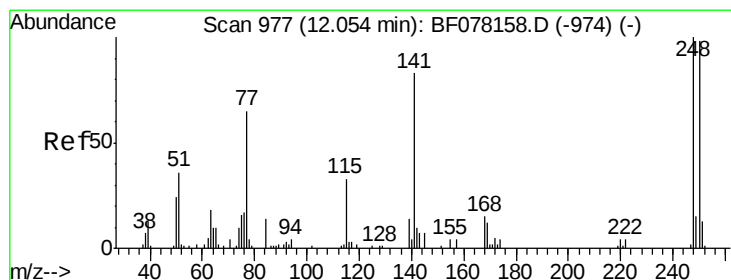
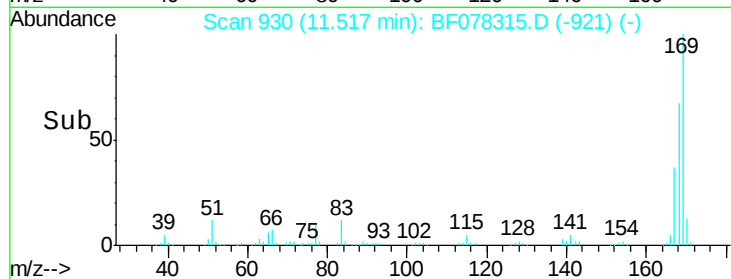
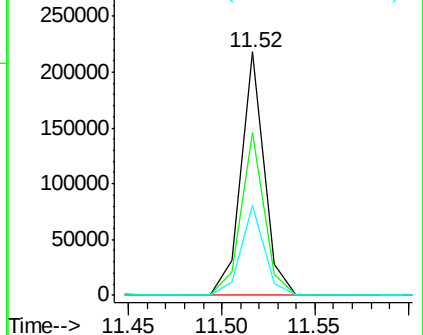
#65
 n-Nitrosodiphenylamine
 Concen: 47.46 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tgt Ion:169 Resp: 191254
 Ion Ratio Lower Upper
 169 100
 168 66.8 55.0 82.4
 167 36.8 29.3 43.9

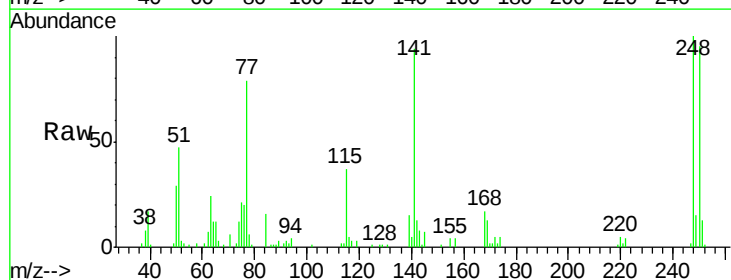


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

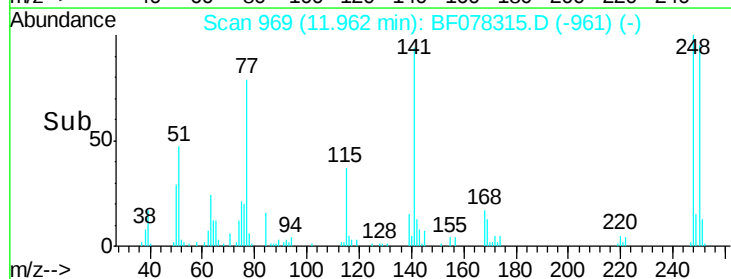
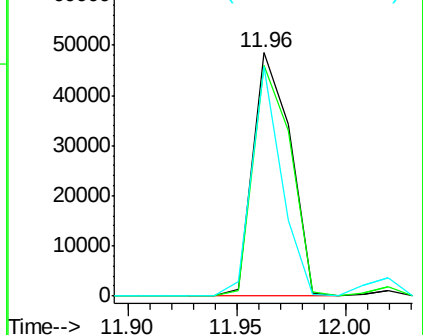


#66
 4-Bromophenyl-phenylether
 Concen: 47.13 ng
 RT: 11.96 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Tgt Ion:248 Resp: 58154
 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

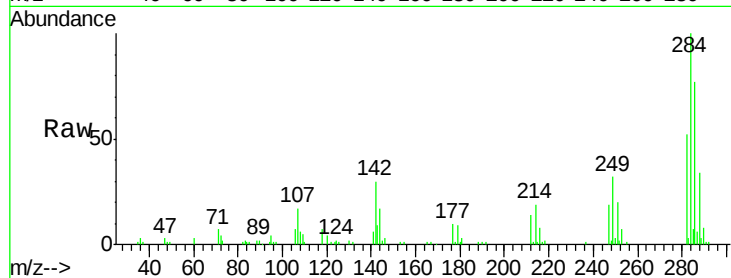




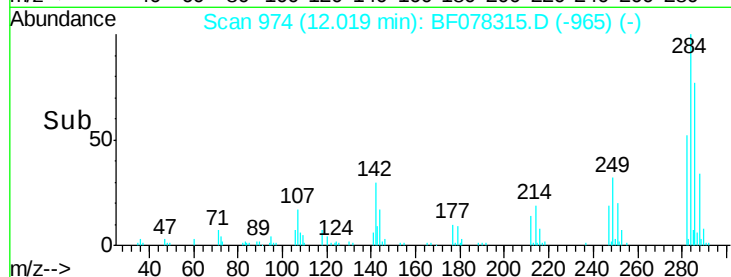
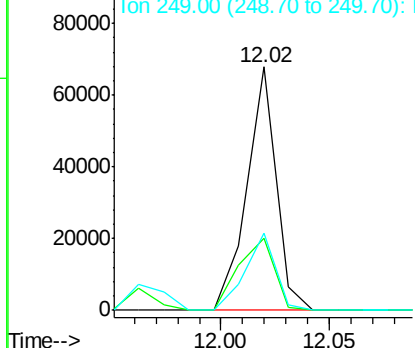
#67
Hexachlorobenzene
Concen: 46.77 ng
RT: 12.02 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Instrument :
BNA_F
ClientSampleId :
PB82571BSD

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

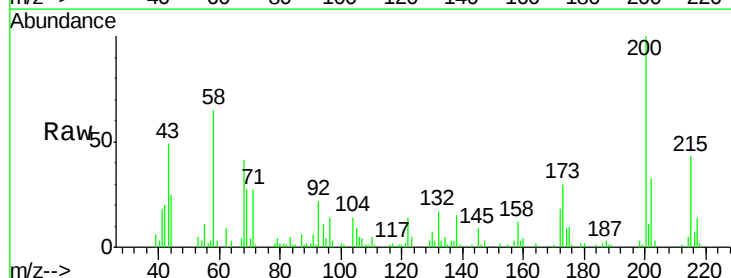


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

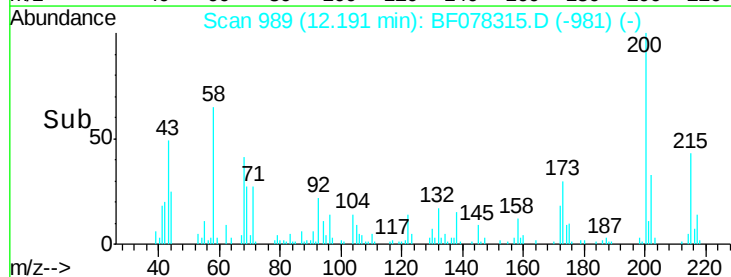
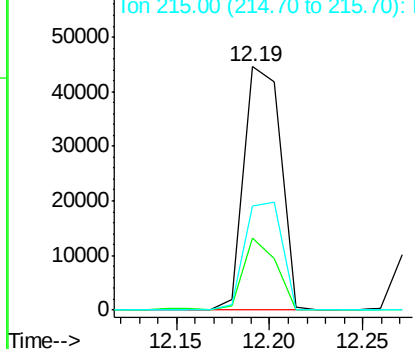


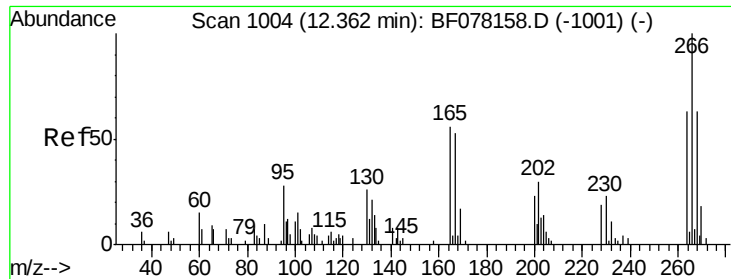
#68
Atrazine
Concen: 52.23 ng
RT: 12.19 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

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

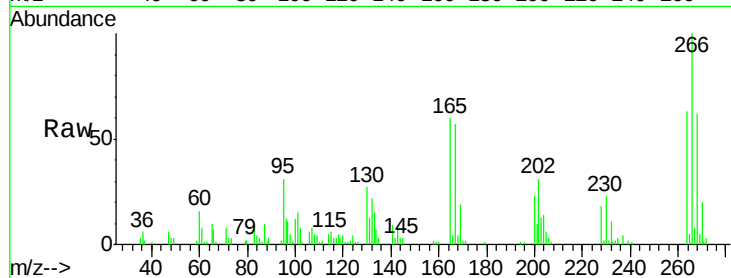




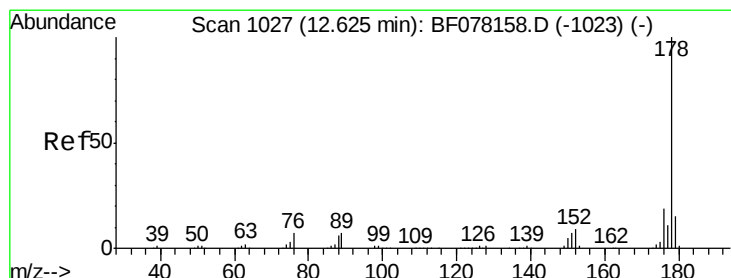
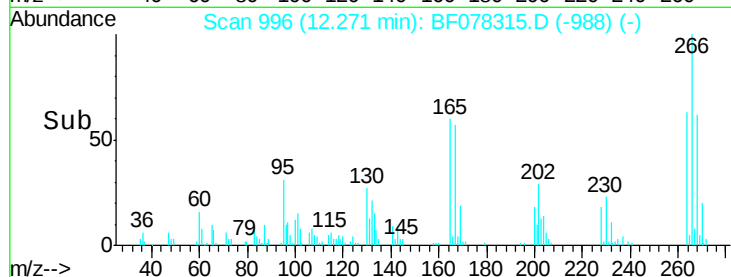
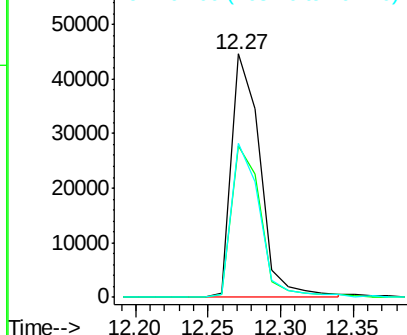
#69
 Pentachlorophenol
 Concen: 100.25 ng
 RT: 12.27 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

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

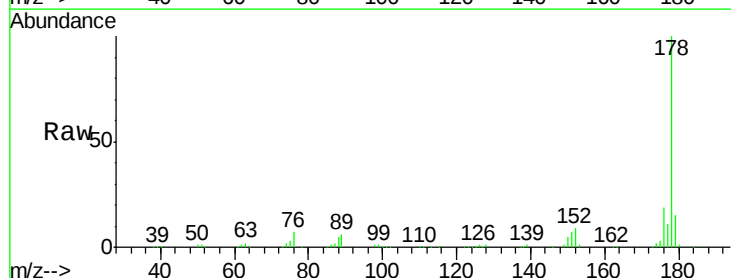


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

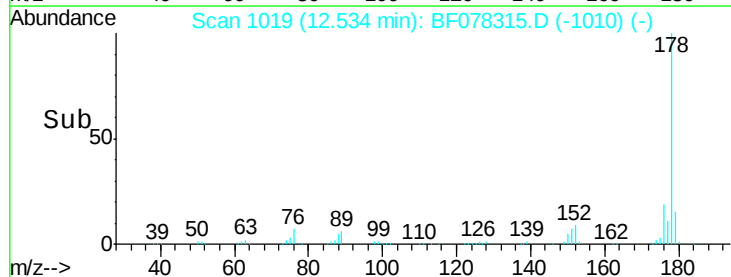
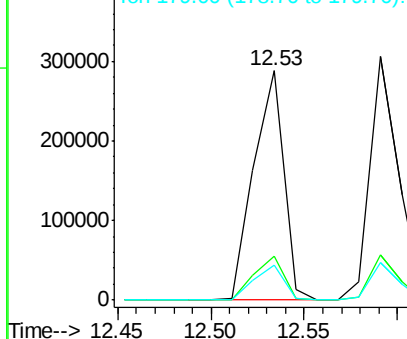


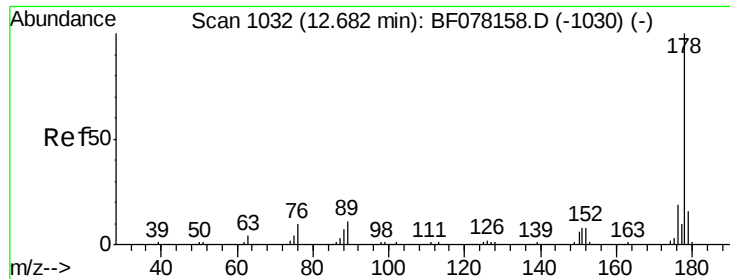
#70
 Phenanthrene
 Concen: 47.61 ng
 RT: 12.53 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

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

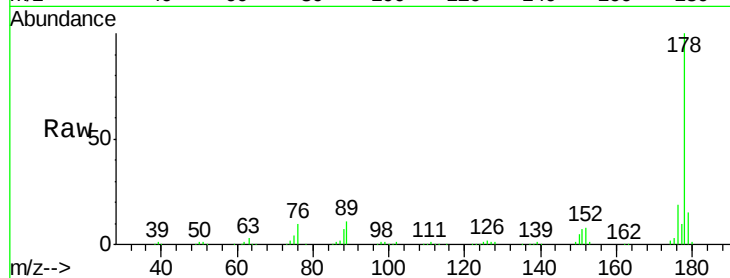




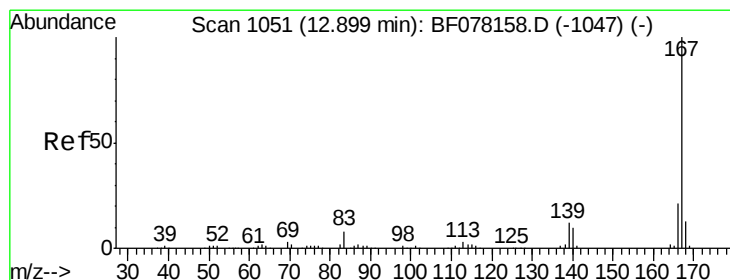
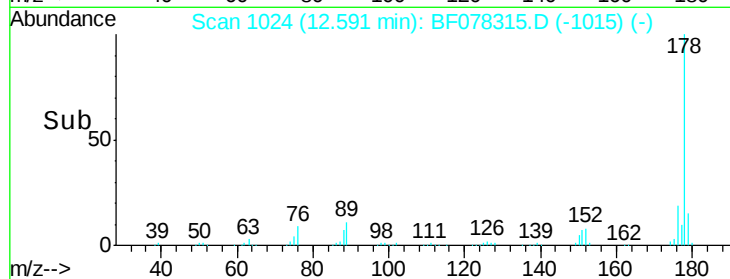
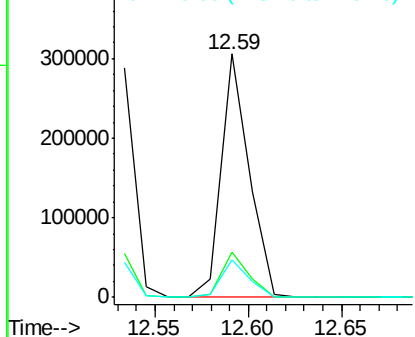
#71
 Anthracene
 Concen: 47.85 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

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

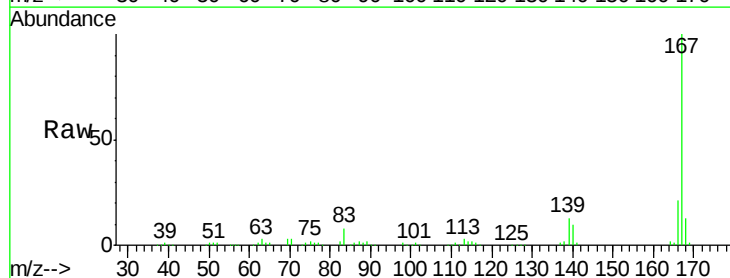


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

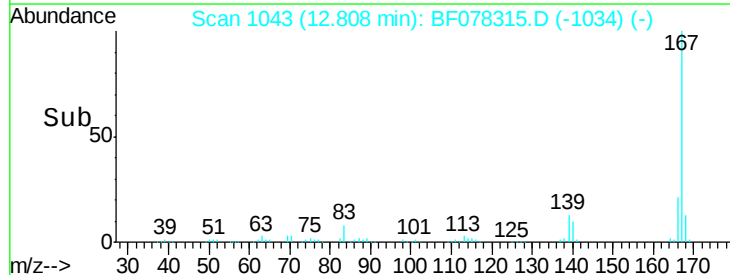
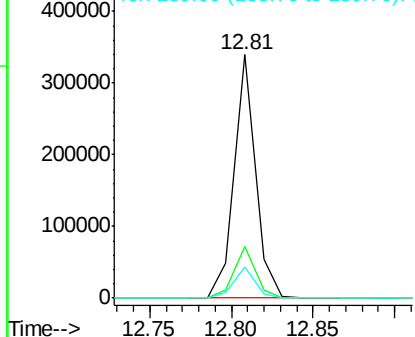


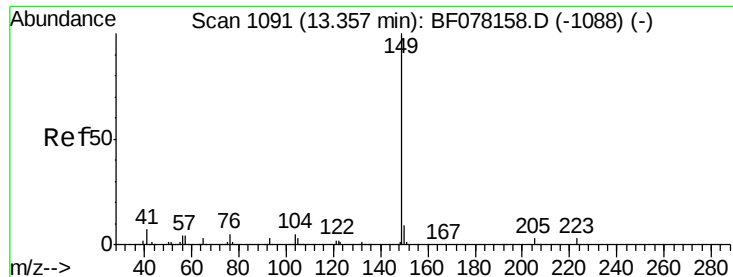
#72
 Carbazole
 Concen: 49.32 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

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

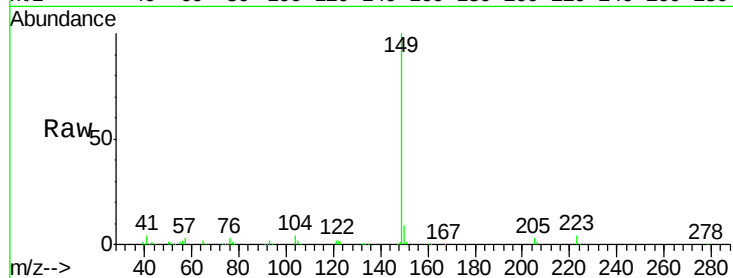
Tgt Ion:149 Resp: 353439

Ion Ratio Lower Upper

149 100

150 8.6 7.1 10.7

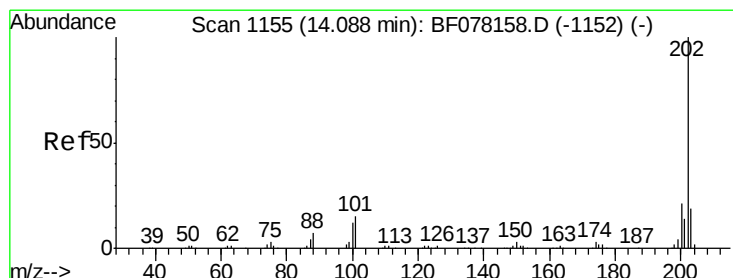
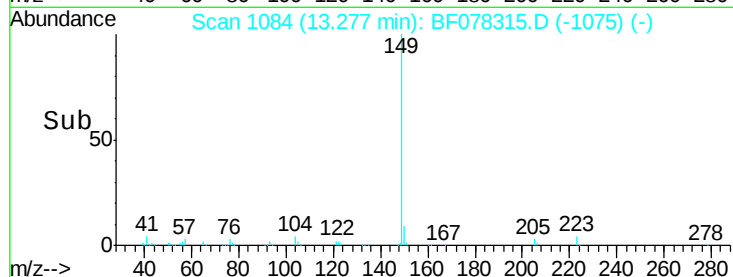
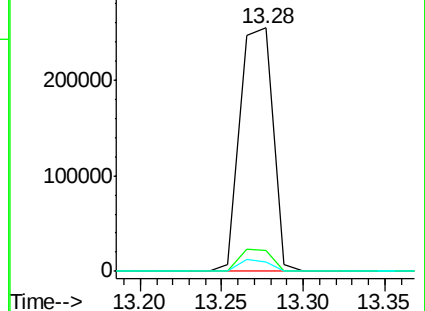
104 4.0 3.8 5.6



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

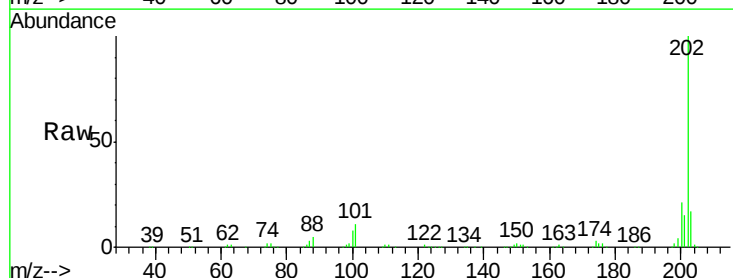
Tgt Ion:202 Resp: 352424

Ion Ratio Lower Upper

202 100

101 10.8 0.0 35.2

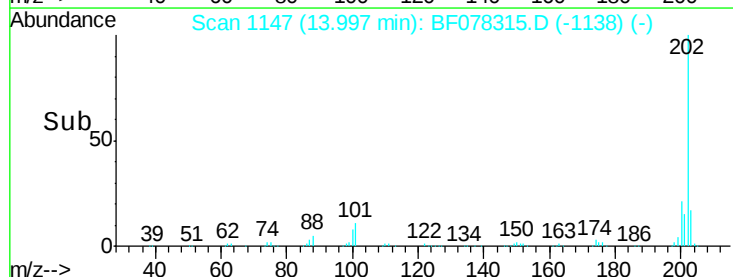
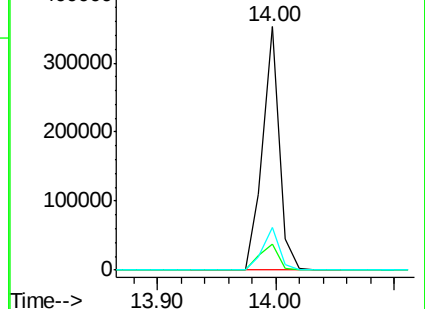
203 17.4 0.0 38.5

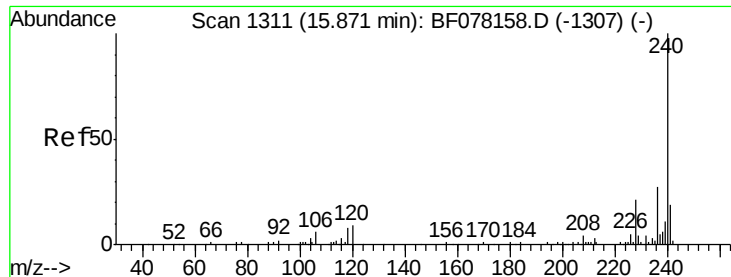


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

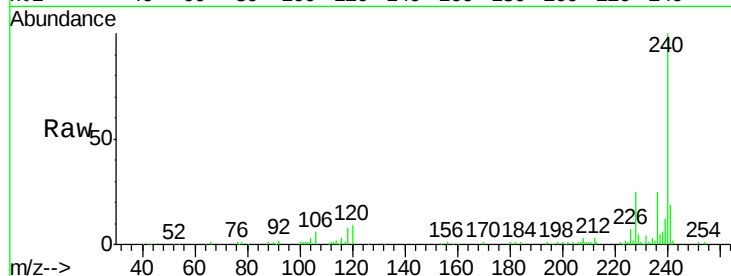




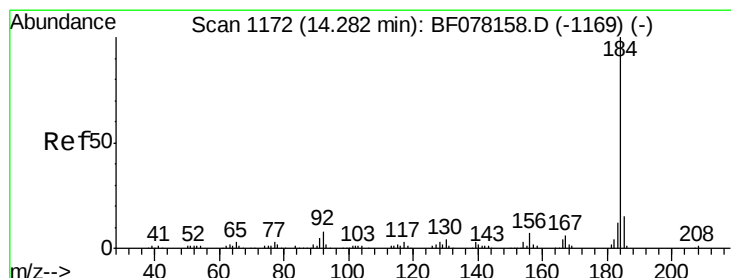
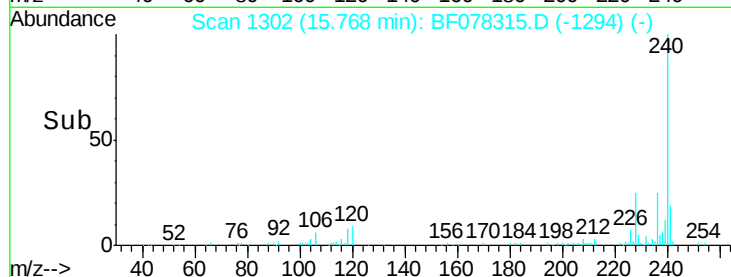
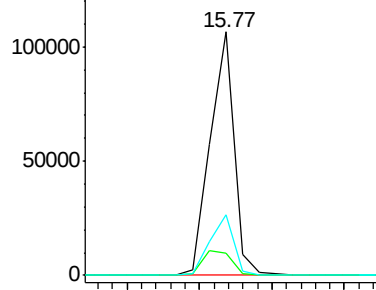
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

Instrument :
BNA_F
ClientSampleId :
PB82571BSD

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

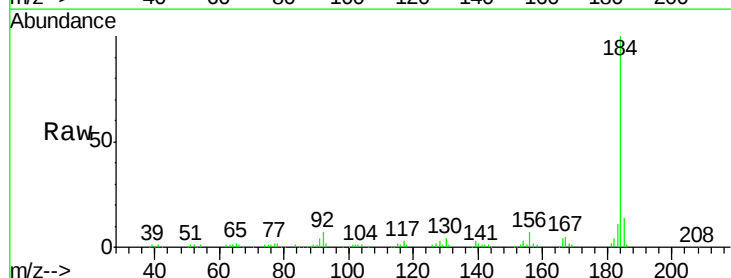


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

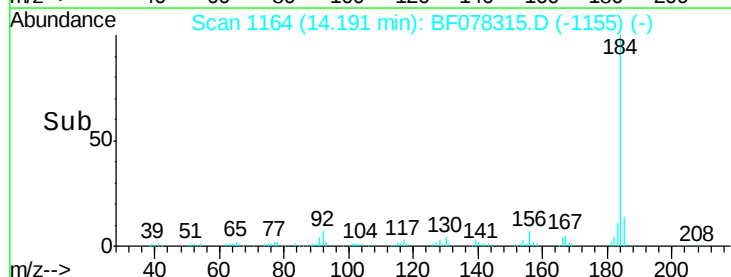
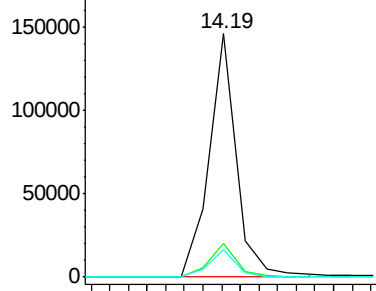


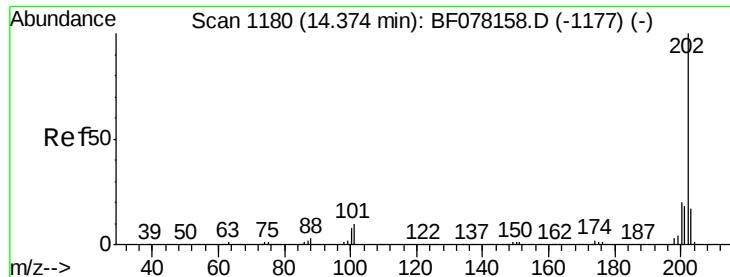
#76
Benzidine
Concen: 31.78 ng
RT: 14.19 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

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

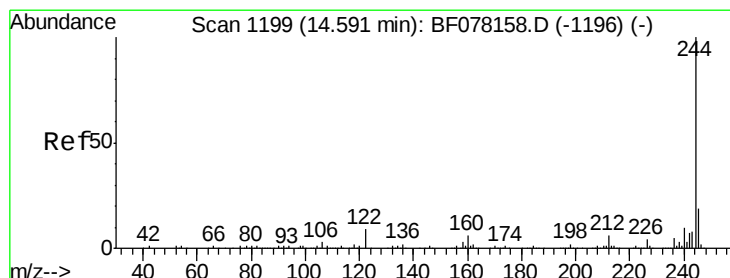
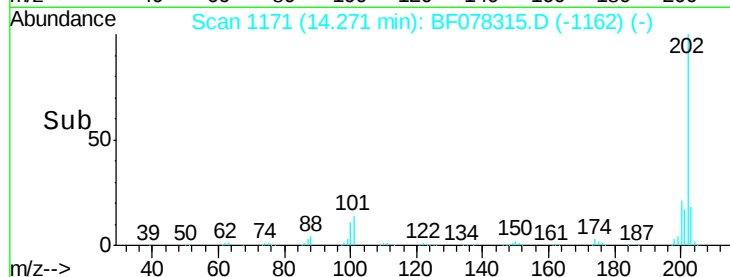
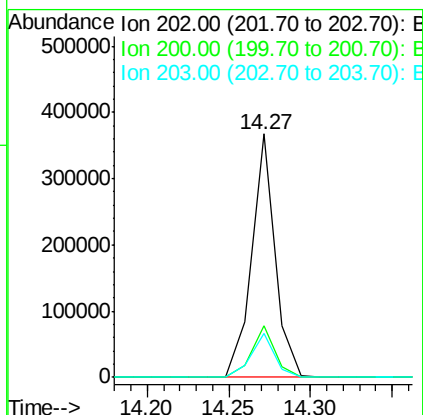
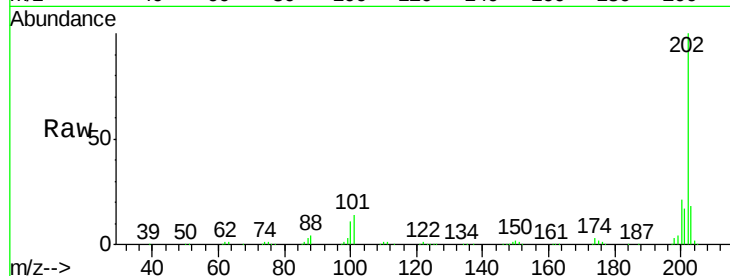




#77
 Pyrene
 Concen: 47.72 ng
 RT: 14.27 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

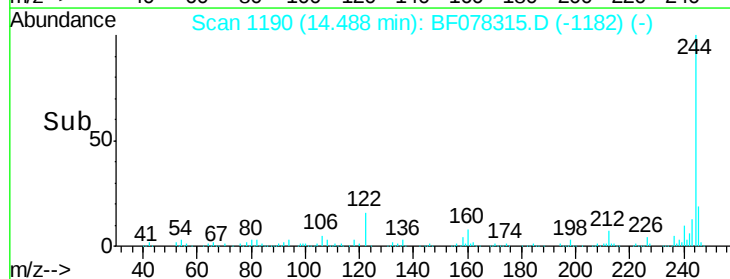
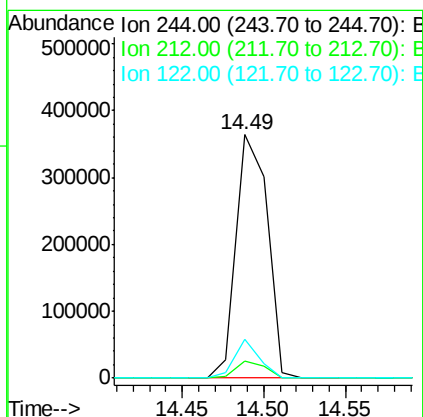
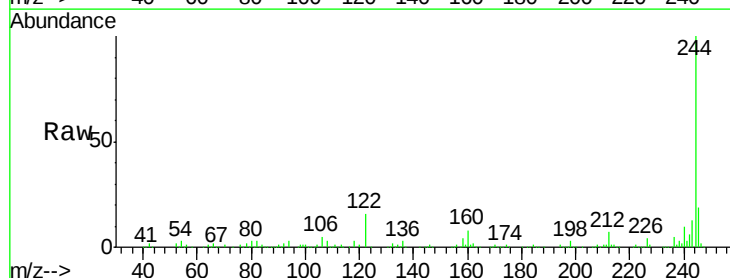
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

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



#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

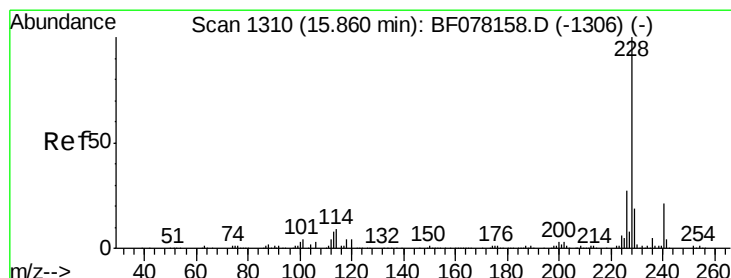
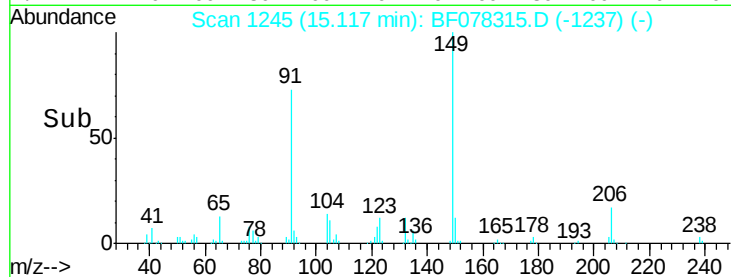
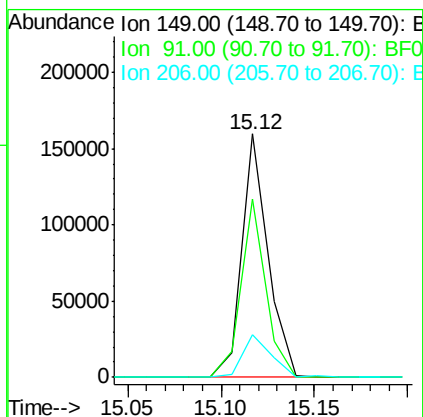
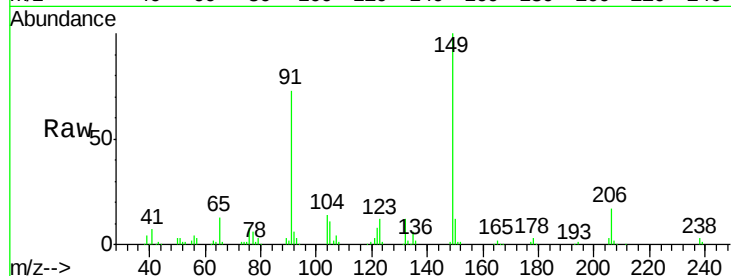




#79
Butylbenzylphthalate
Concen: 53.40 ng
RT: 15.12 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF078315.D
Acq: 7 Apr 2015 23:22

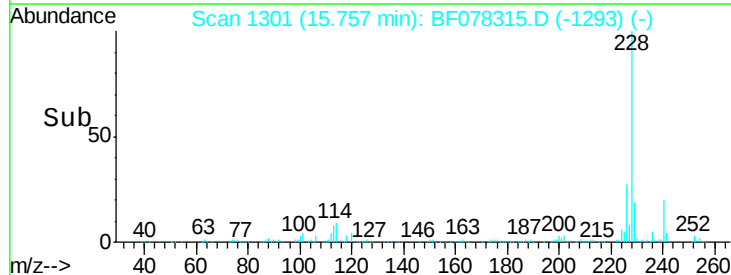
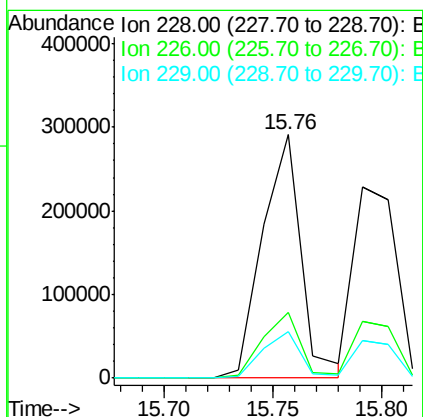
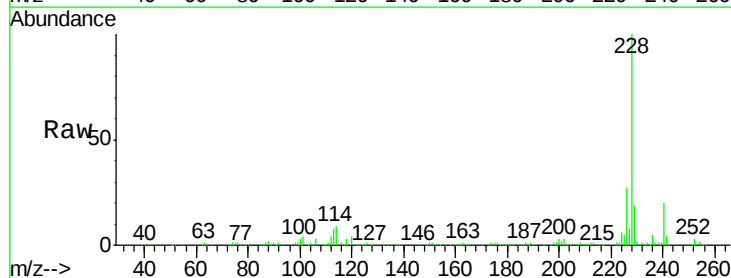
Instrument :
BNA_F
ClientSampleId :
PB82571BSD

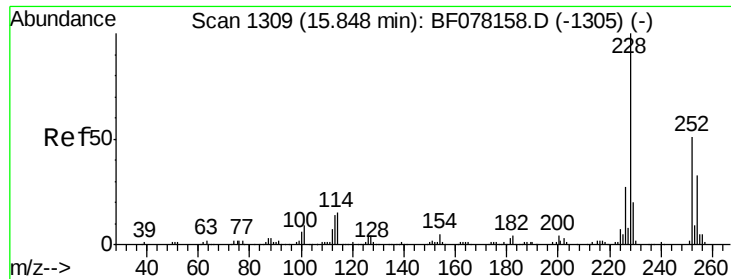
Tgt Ion:149 Resp: 155833
Ion Ratio Lower Upper
149 100
91 73.2 64.2 96.2
206 17.5 12.6 18.8



#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

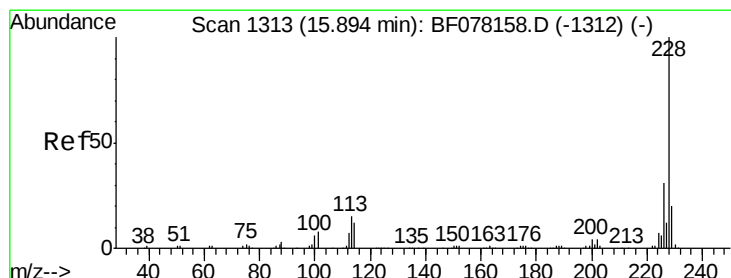
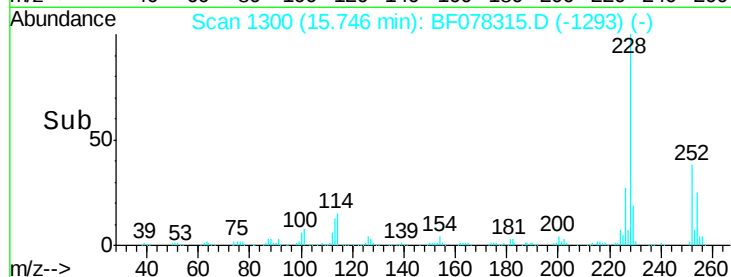
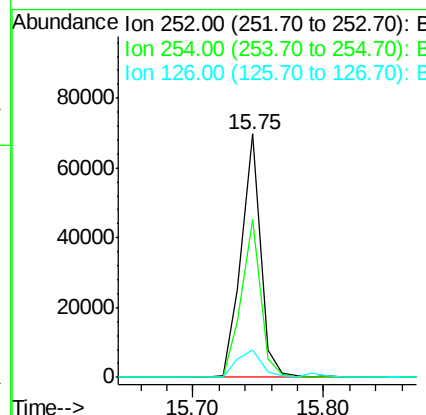
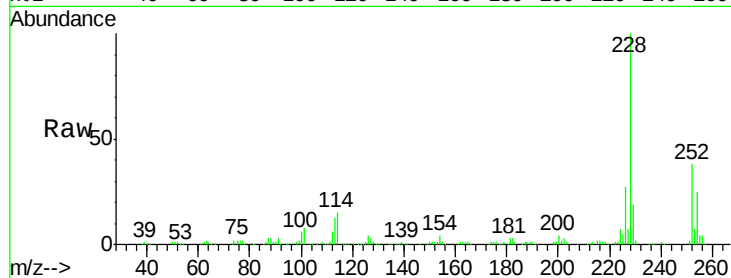




#81
 3,3'-Dichlorobenzidine
 Concen: 29.75 ng
 RT: 15.75 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

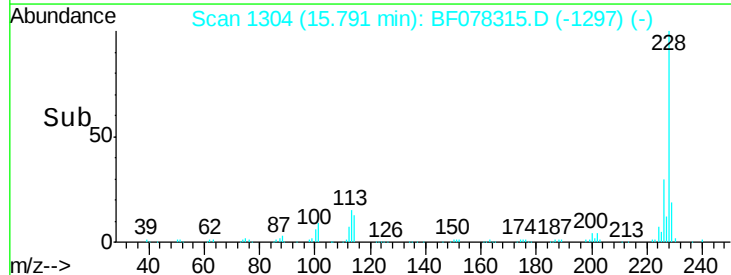
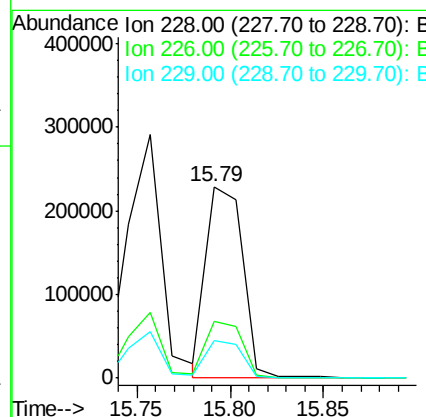
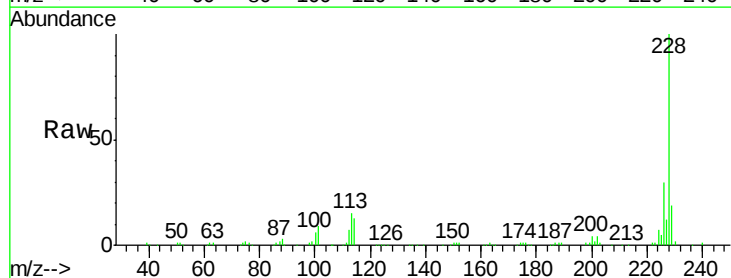
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

Tgt 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

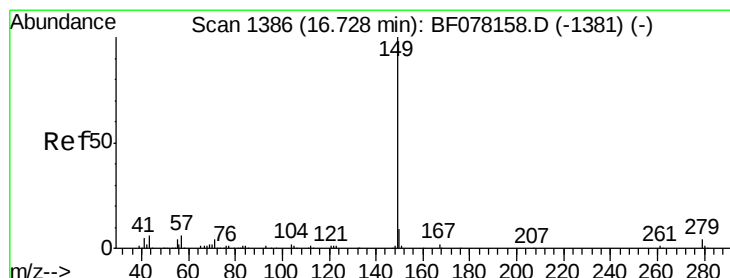
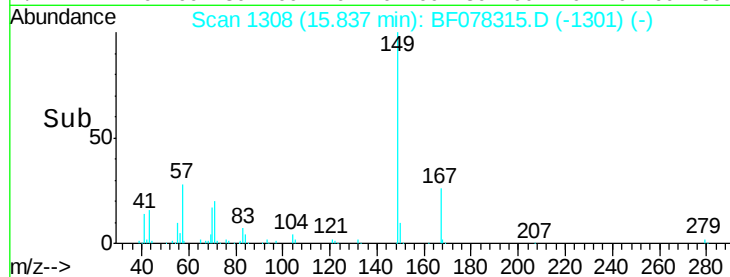
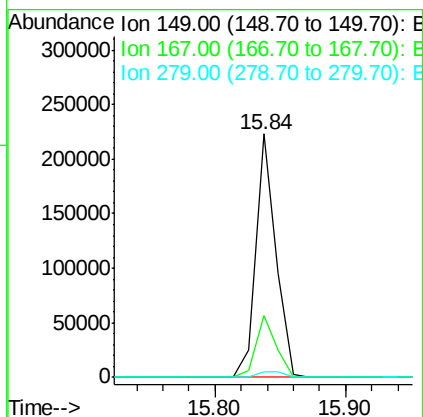
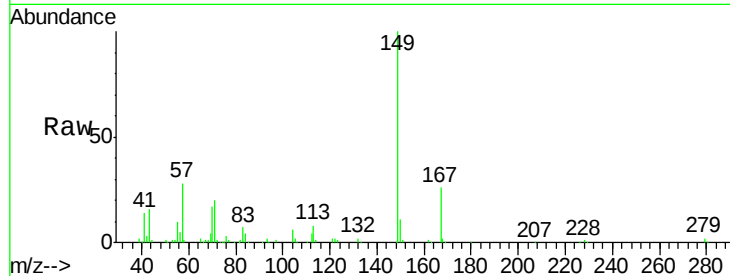




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.18 ng
 RT: 15.84 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

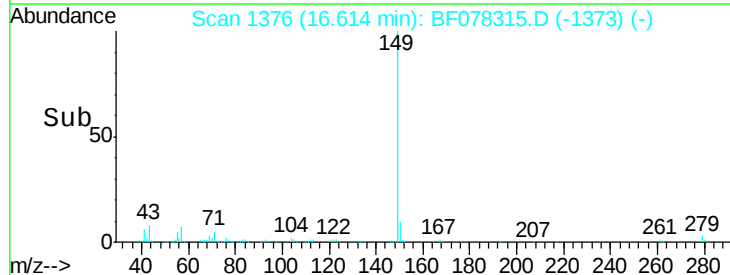
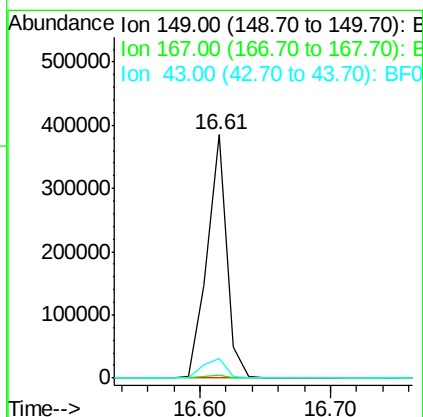
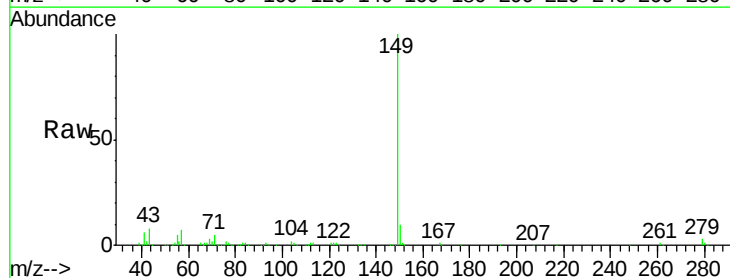
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

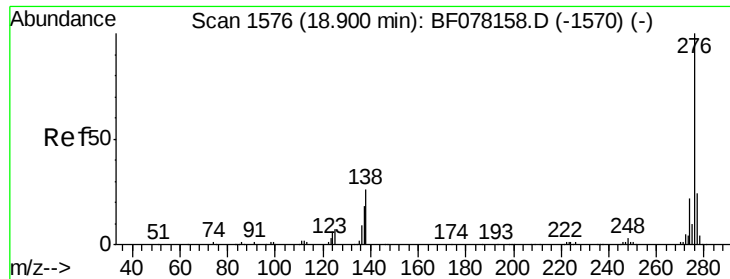
Tgt Ion:149 Resp: 238811
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.2 33.2
 279 2.3 3.2 4.8#



#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#

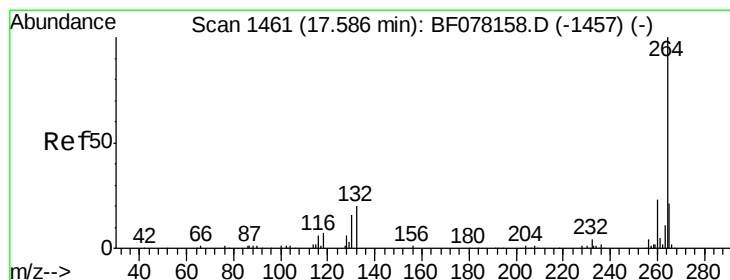
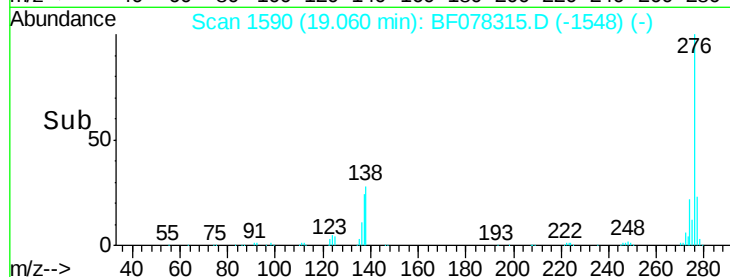
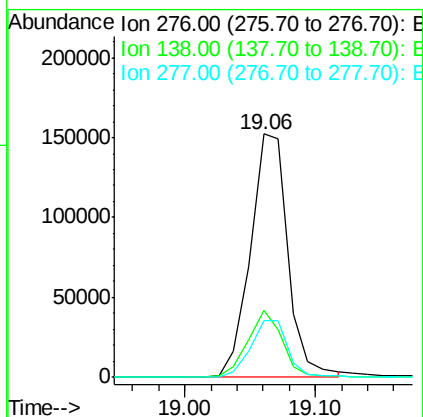
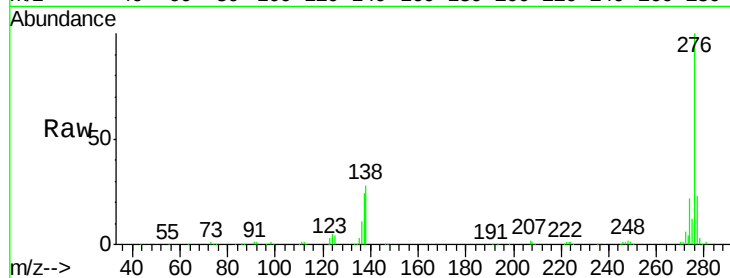




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.53 ng
 RT: 19.06 min Scan# 1590
 Delta R.T. 0.18 min
 Lab File: BF078315.D
 Acq: 7 Apr 2015 23:22

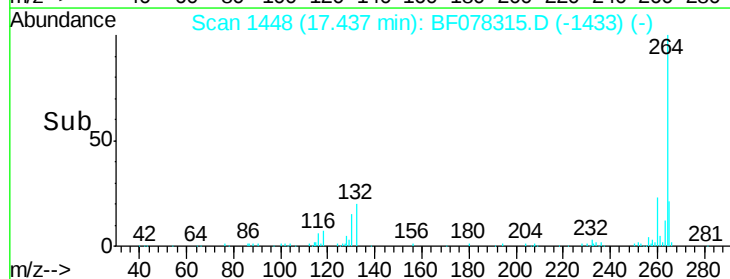
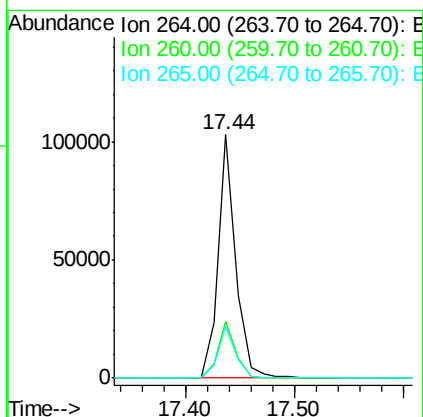
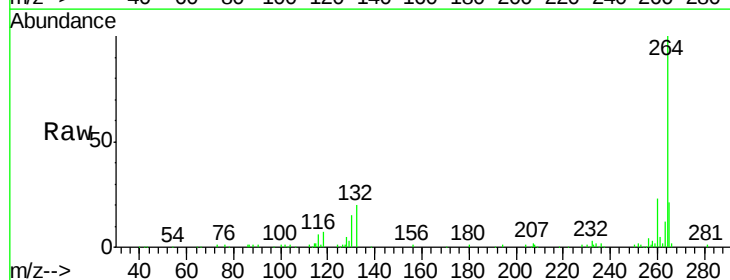
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BSD

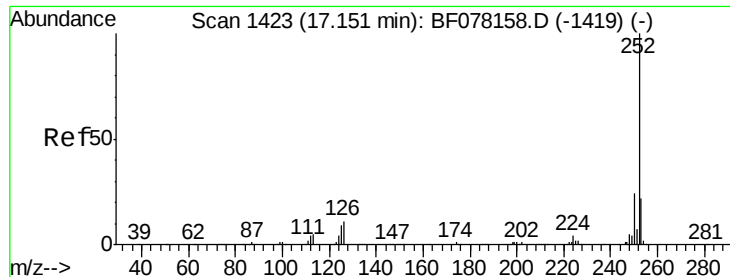
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	16.9	25.3
277	23.5	15.8	23.6



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





#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

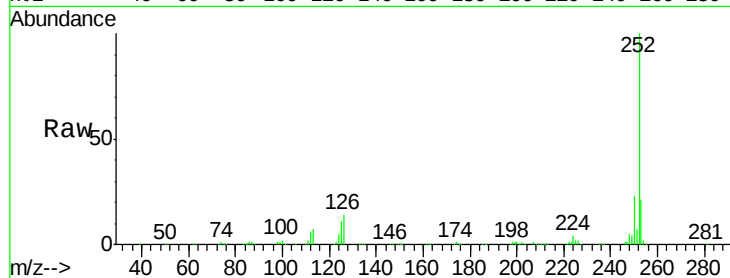
Tgt Ion:252 Resp: 326372

Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

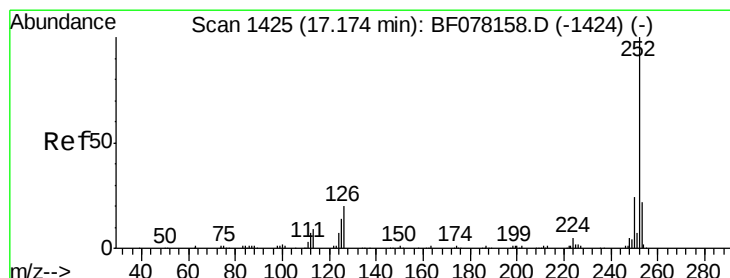
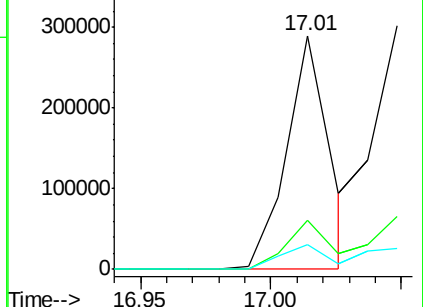
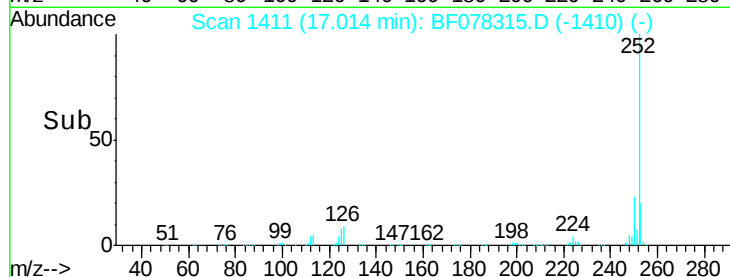
125 10.8 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 65.47 ng

RT: 17.01 min Scan# 1411

Delta R.T. -0.13 min

Lab File: BF078315.D

Acq: 7 Apr 2015 23:22

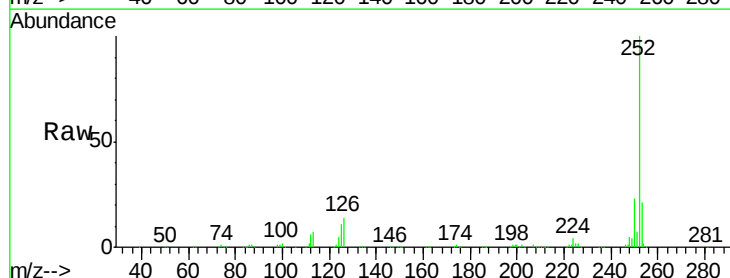
Tgt Ion:252 Resp: 419661

Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

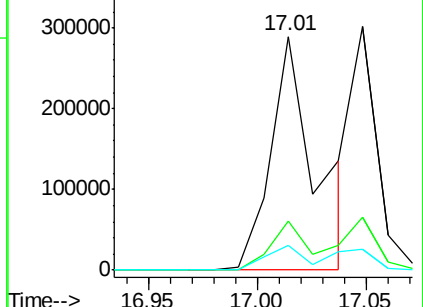
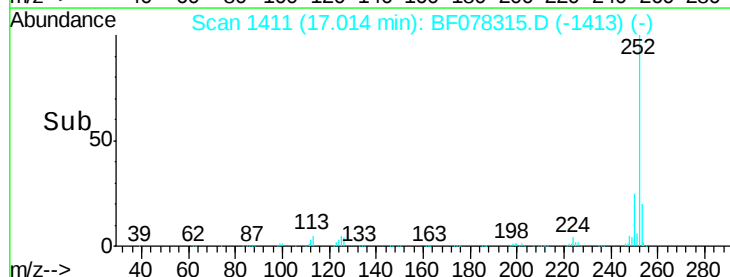
125 10.8 11.6 17.4#

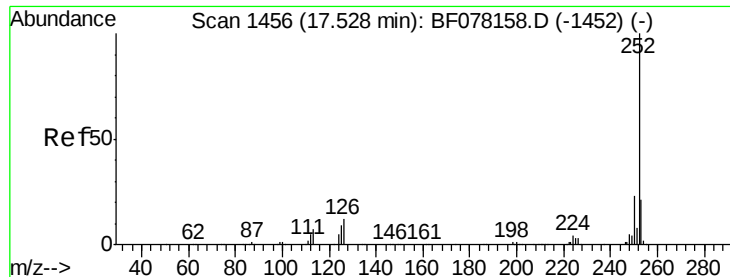


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 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

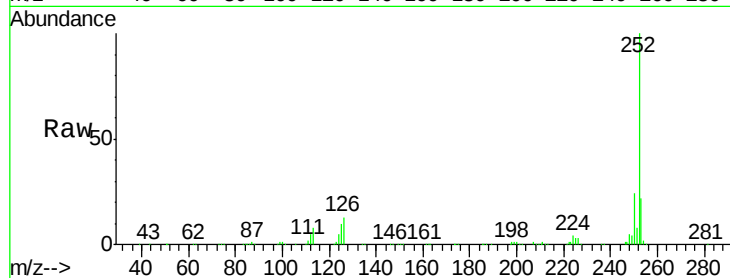
Tgt Ion:252 Resp: 326961

Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

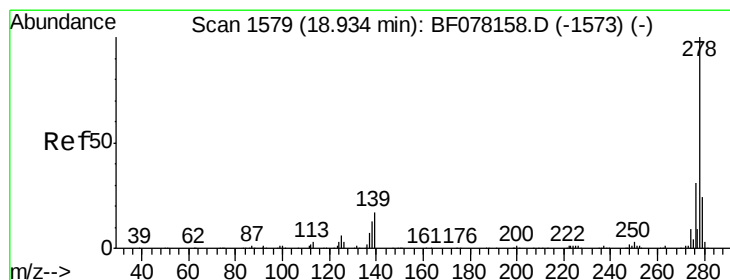
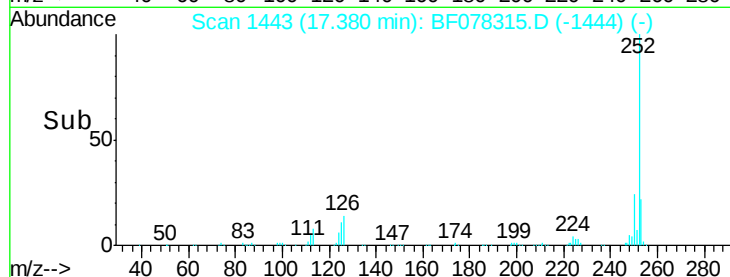
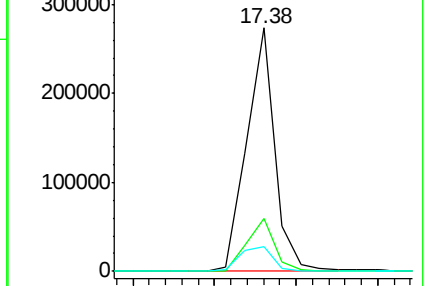
125 10.3 7.4 11.0



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

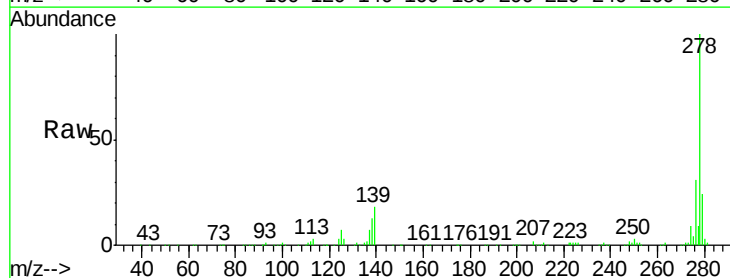
Tgt Ion:278 Resp: 289842

Ion Ratio Lower Upper

278 100

139 17.6 13.6 20.4

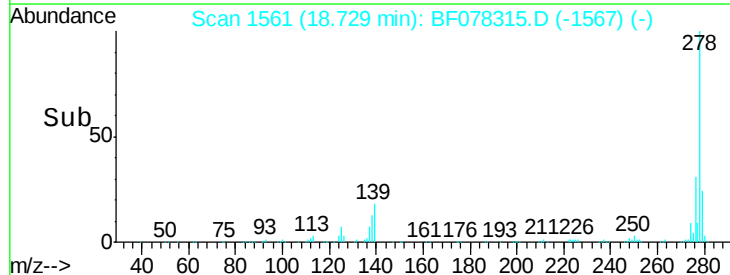
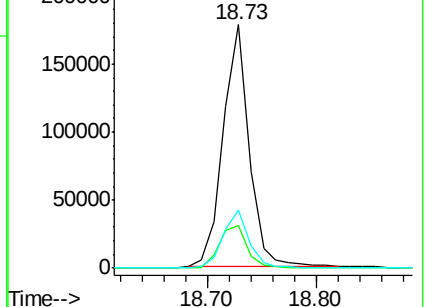
279 24.0 19.0 28.6

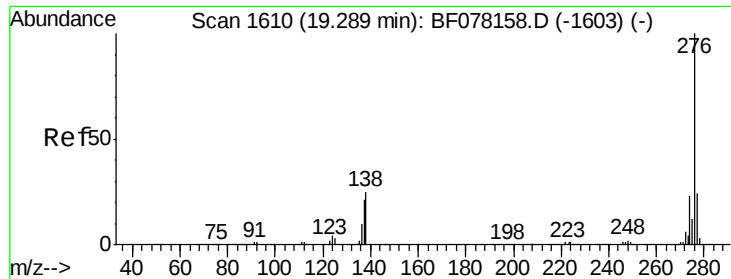


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.47 ng

RT: 19.06 min Scan# 1590

Delta R.T. -0.18 min

Lab File: BF078315.D

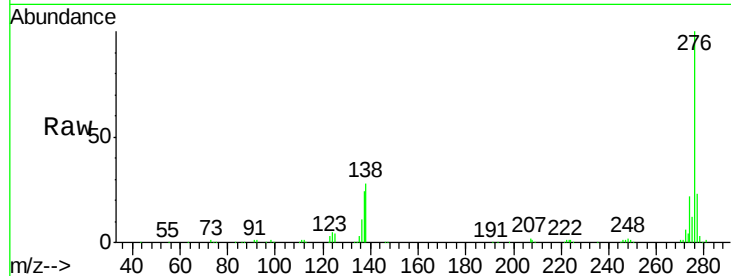
Acq: 7 Apr 2015 23:22

Instrument :

BNA_F

ClientSampleId :

PB82571BSD



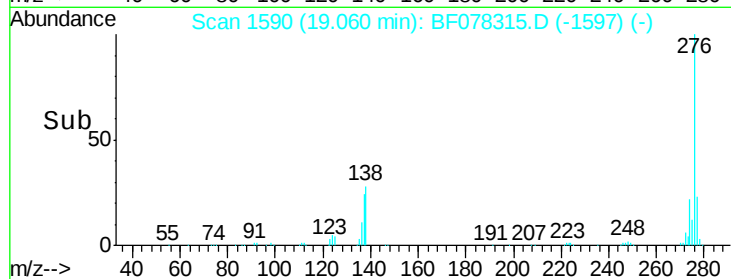
Tgt Ion: 276 Resp: 299959

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

