

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076857.D
 Acq On : 14 Jan 2015 13:41
 Operator : IZ / TP
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 22:49:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 22:41:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31610	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	137322	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	74847	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	126526	20.00	ng	0.00
75) Chrysene-d12	21.31	240	130342	20.00	ng	0.00
86) Perylene-d12	23.02	264	117560	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	98739	52.21	ng	0.01
7) Phenol-d6	7.42	99	129828	54.42	ng	0.00
23) Nitrobenzene-d5	9.32	82	126766	51.22	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	31231	50.17	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	247275	48.97	ng	0.00
78) Terphenyl-d14	20.04	244	279503	47.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.32	88	18853	23.75	ng	96
3) Pyridine	1.82	79	59347	26.30	ng	92
4) n-Nitrosodimethylamine	1.76	42	29958	28.27	ng	100
6) Aniline	7.30	93	83933	25.47	ng	98
8) 2-Chlorophenol	7.56	128	57015	25.41	ng	98
9) Benzaldehyde	7.03	77	41481	29.32	ng	99
10) Phenol	7.44	94	66942	25.68	ng	90
11) bis(2-Chloroethyl)ether	7.56	93	50983	24.65	ng	95
12) 1,3-Dichlorobenzene	7.86	146	64510	25.90	ng	98
13) 1,4-Dichlorobenzene	8.06	146	68280	26.18	ng	98
14) 1,2-Dichlorobenzene	8.38	146	62820	25.80	ng	96
15) Benzyl Alcohol	8.45	79	51563	26.06	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.80	45	68262	24.50	ng	95
17) 2-Methylphenol	8.79	107	46773	25.97	ng	96
18) Hexachloroethane	9.12	117	23947	25.46	ng	99
19) n-Nitroso-di-n-propylamine	9.08	70	42411	25.00	ng	96
20) 3+4-Methylphenols	9.18	107	60858	25.66	ng	96
22) Acetophenone	9.01	105	85239	25.24	ng	98
24) Nitrobenzene	9.36	77	64856	25.94	ng	96
25) Isophorone	9.96	82	113590	25.21	ng	96
26) 2-Nitrophenol	10.09	139	29482	24.50	ng	# 79
27) 2,4-Dimethylphenol	10.37	122	48612	24.93	ng	# 90
28) bis(2-Chloroethoxy)methane	10.57	93	64850	24.45	ng	96
29) 2,4-Dichlorophenol	10.70	162	46100	25.10	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	51226	24.56	ng	94
31) Naphthalene	10.97	128	177154	25.03	ng	100
32) Benzoic acid	10.69	122	15454	15.60	ng	# 84
33) 4-Chloroaniline	11.21	127	73951	26.64	ng	96
34) Hexachlorobutadiene	11.34	225	29859	24.94	ng	96
35) Caprolactam	12.02	113	11656	21.11	ng	91
36) 4-Chloro-3-methylphenol	12.52	107	53111	25.96	ng	99
37) 2-Methylnaphthalene	12.63	142	121255	24.56	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	47321	25.61	ng	98
40) Hexachlorocyclopentadiene	13.03	237	18457	20.14	ng	98

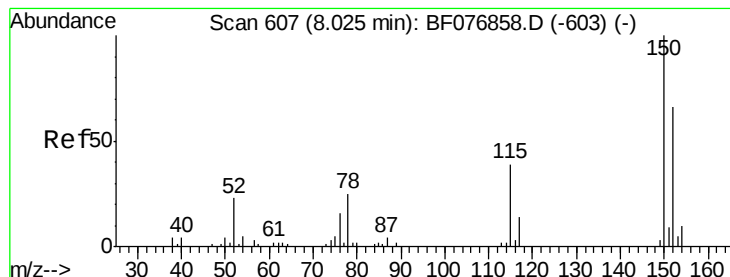
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	34167	25.38	nq	94
43) 2,4,5-Trichlorophenol	13.47	196	35838	25.43	nq	92
45) 1,1'-Biphenyl	13.79	154	141131	24.62	nq	97
46) 2-Chloronaphthalene	13.76	162	116334	25.38	nq	97
47) 2-Nitroaniline	14.11	65	35463	25.70	nq	92
48) Acenaphthylene	14.72	152	193401	24.75	nq	100
49) Dimethylphthalate	14.65	163	132889	24.68	nq	99
50) 2,6-Dinitrotoluene	14.76	165	26685	23.26	nq	97
51) Acenaphthene	15.15	154	111975	25.43	nq	95
52) 3-Nitroaniline	15.10	138	33106	24.96	nq	94
53) 2,4-Dinitrophenol	15.39	184	6649	22.07	nq	94
54) Dibenzofuran	15.57	168	161975	25.12	nq	99
55) 4-Nitrophenol	15.69	139	18361	21.40	nq	86
56) 2,4-Dinitrotoluene	15.68	165	36688	25.04	nq	96
57) Fluorene	16.28	166	135261	25.12	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.90	232	24600	24.00	nq	95
59) Diethylphthalate	16.27	149	136195	24.63	nq	99
60) 4-Chlorophenyl-phenylether	16.36	204	54560	23.72	nq	# 96
61) 4-Nitroaniline	16.40	138	32207	26.49	nq	100
62) Azobenzene	16.64	77	140952	24.76	nq	96
64) 4,6-Dinitro-2-methylphenol	16.47	198	17444	23.98	nq	79
65) n-Nitrosodiphenylamine	16.60	169	113725	24.76	nq	97
66) 4-Bromophenyl-phenylether	17.19	248	31384	24.03	nq	99
67) Hexachlorobenzene	17.21	284	32722	23.91	nq	98
68) Atrazine	17.56	200	36532	26.11	nq	97
69) Pentachlorophenol	17.57	266	11149	23.63	nq	92
70) Phenanthrene	17.85	178	203739	25.86	nq	98
71) Anthracene	17.92	178	198508	26.02	nq	100
72) Carbazole	18.21	167	197974	26.40	nq	98
73) Di-n-butylphthalate	18.79	149	226931	25.56	nq	99
74) Fluoranthene	19.49	202	207739	25.55	nq	98
76) Benzidine	19.72	184	121267	29.26	nq	99
77) Pyrene	19.77	202	223692	23.77	nq	99
79) Butylbenzylphthalate	20.70	149	99642	22.89	nq	99
80) Benzo(a)anthracene	21.29	228	203575	24.38	nq	98
81) 3,3'-Dichlorobenzidine	21.31	252	66979	25.09	nq	99
82) Chrysene	21.34	228	185196	24.50	nq	99
83) Bis(2-ethylhexyl)phthalate	21.44	149	141501	23.49	nq	99
84) Di-n-octyl phthalate	22.22	149	243855	23.90	nq	98
85) Indeno(1,2,3-cd)pyrene	24.20	276	187587	24.76	nq	# 90
87) Benzo(b)fluoranthene	22.59	252	199278	25.33	nq	# 95
88) Benzo(k)fluoranthene	22.59	252	198102	27.37	nq	# 98
89) Benzo(a)pyrene	22.95	252	175598	25.27	nq	99
90) Dibenzo(a,h)anthracene	24.22	278	160999	25.32	nq	# 94
91) Benzo(g,h,i)perylene	24.49	276	164901	25.47	nq	# 95

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

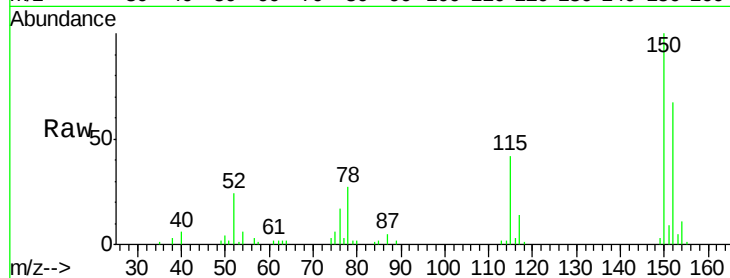


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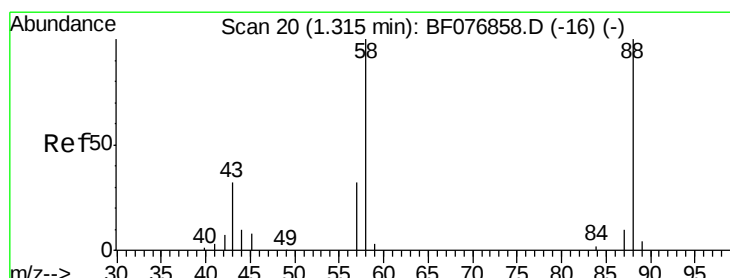
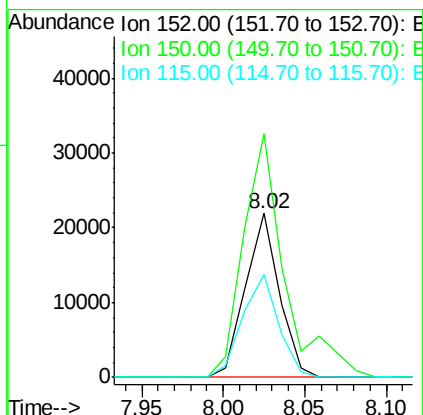
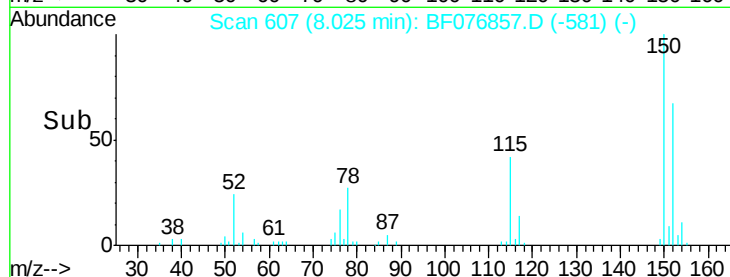
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 31610
Ion Ratio Lower Upper
152 100
150 148.4 121.7 182.5
115 62.7 47.0 70.6



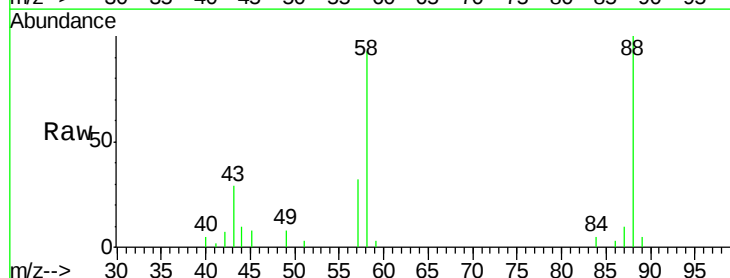
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



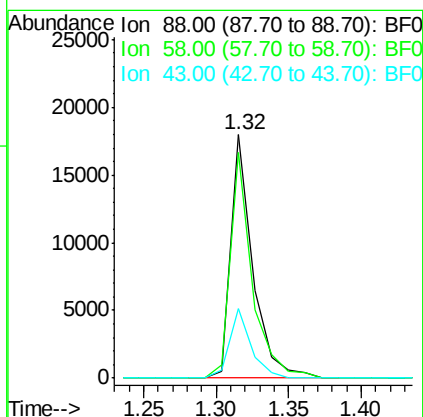
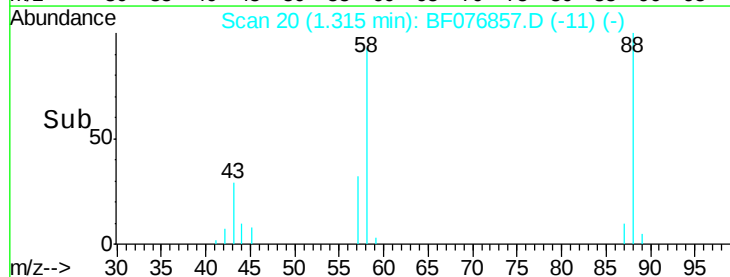
#2

1,4-Dioxane
Concen: 23.75 ng
RT: 1.32 min Scan# 20
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion: 88 Resp: 18853
Ion Ratio Lower Upper
88 100
58 92.5 77.0 115.4
43 28.2 25.6 38.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.30 ng

RT: 1.82 min Scan# 64

Delta R.T. 0.02 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

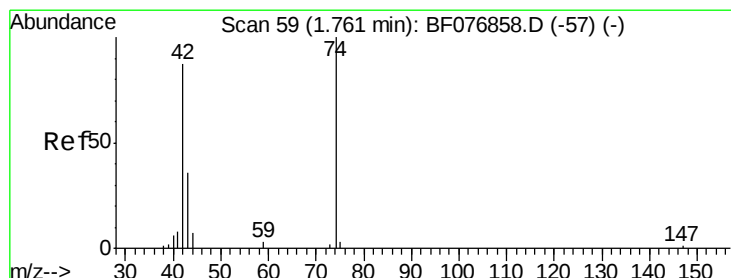
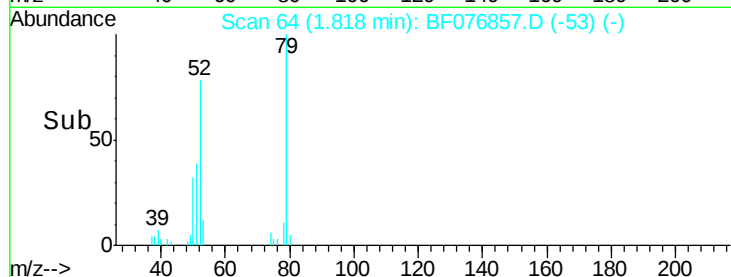
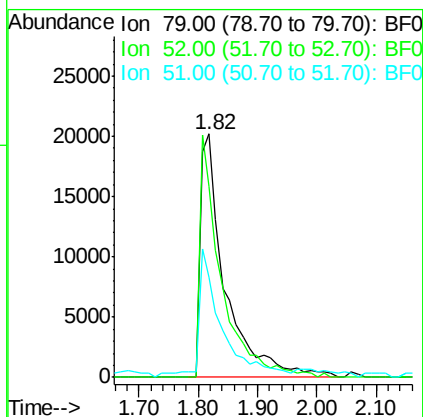
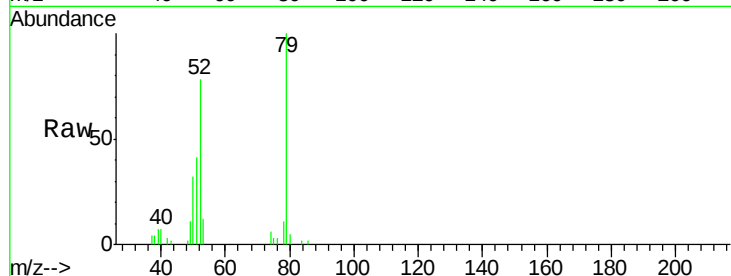
Tot Ion: 79 Resp: 59347

Ion Ratio Lower Upper

79 100

52 78.3 70.1 105.1

51 41.3 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 28.27 ng

RT: 1.76 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

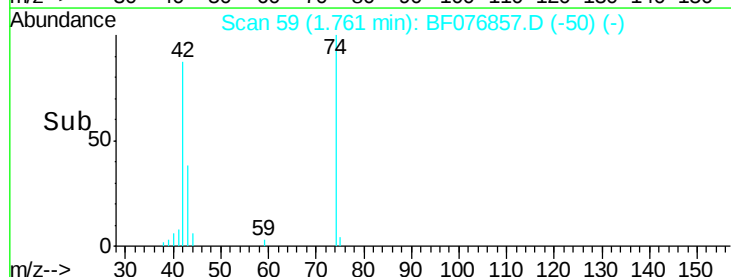
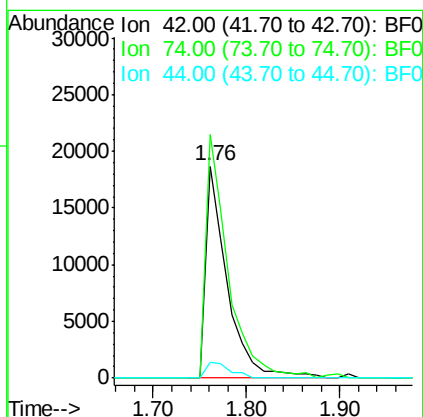
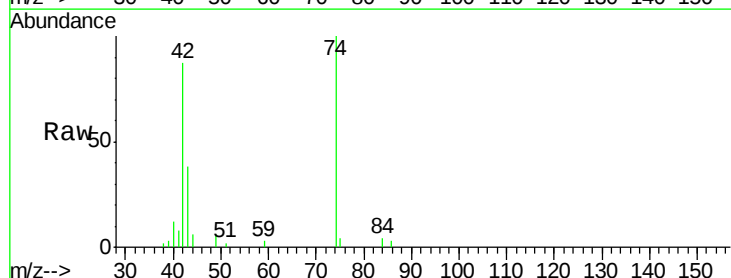
Tgt Ion: 42 Resp: 29958

Ion Ratio Lower Upper

42 100

74 115.0 92.4 138.6

44 7.3 6.2 9.2





#5

2-Fluorophenol

Concen: 52.21 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

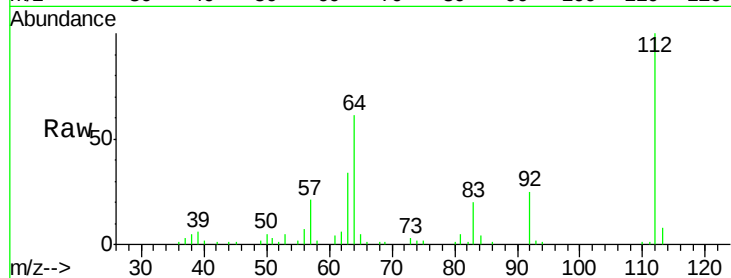
Tot Ion: 112 Resp: 98739

Ion Ratio Lower Upper

112 100

64 61.1 54.2 81.4

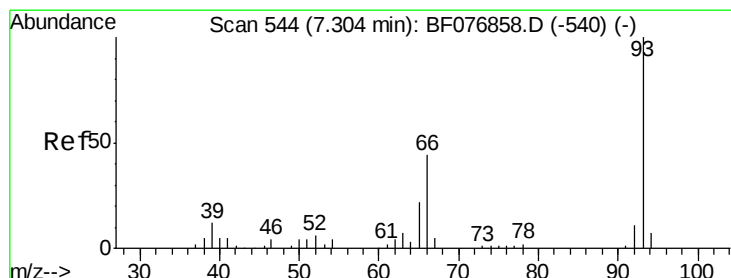
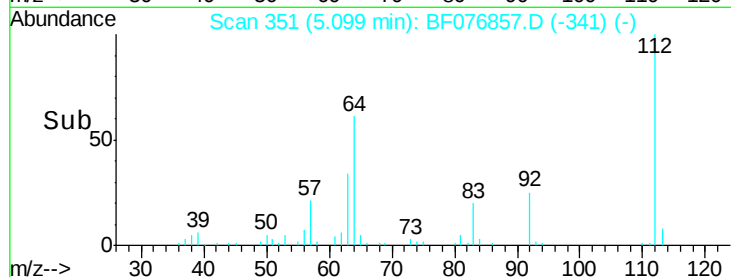
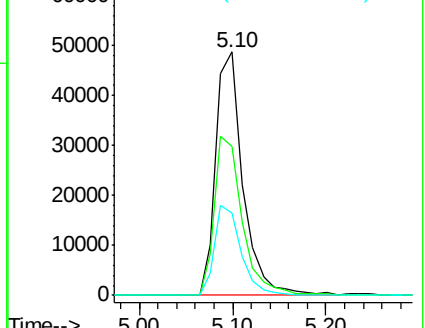
63 34.1 28.4 42.6



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: 25.47 ng

RT: 7.30 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

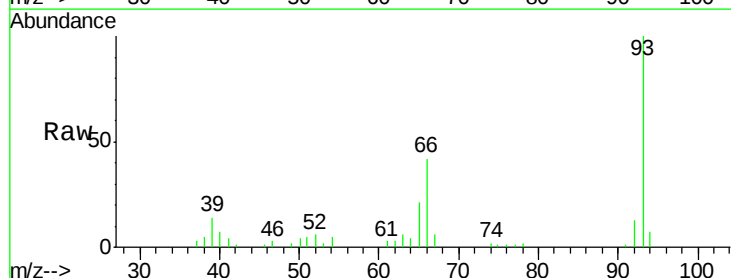
Tgt Ion: 93 Resp: 83933

Ion Ratio Lower Upper

93 100

66 42.2 35.0 52.4

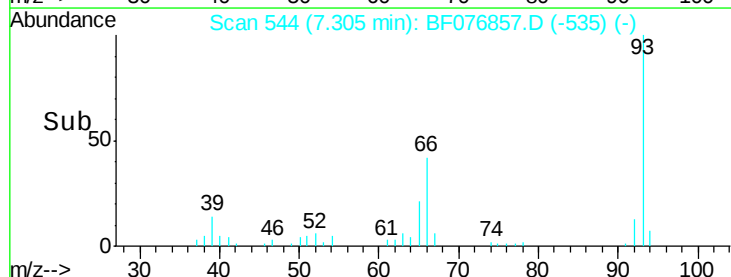
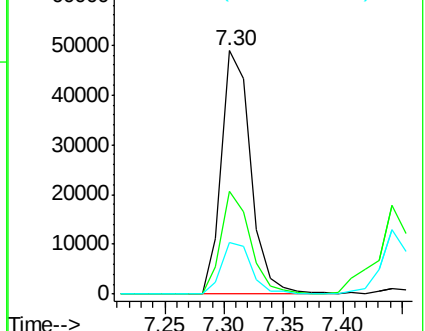
65 21.5 17.7 26.5

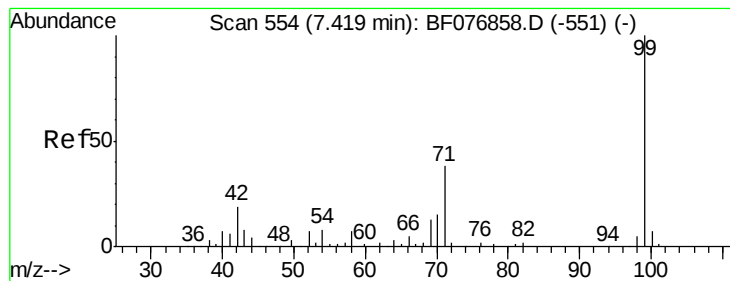


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 54.42 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

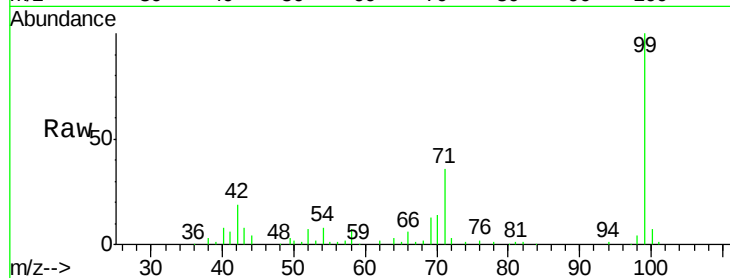
Tot Ion: 99 Resp: 129828

Ion Ratio Lower Upper

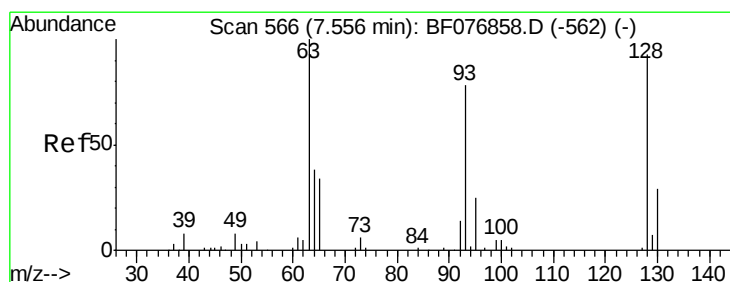
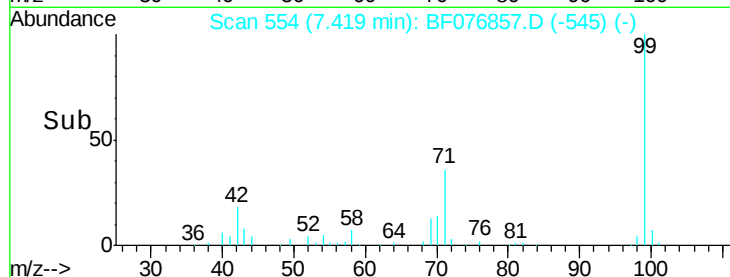
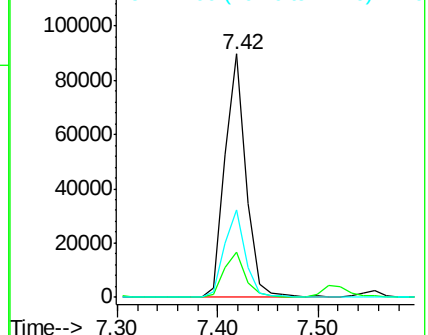
99 100

42 18.6 15.0 22.4

71 35.7 30.5 45.7



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: 25.41 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

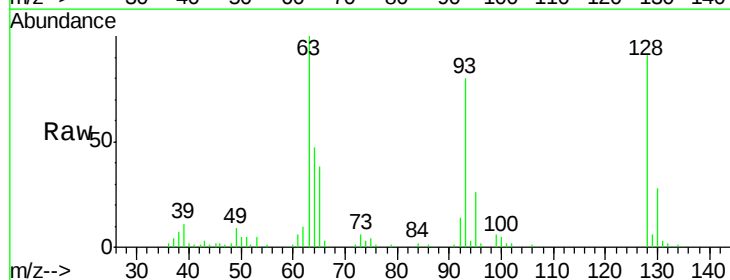
Tgt Ion: 128 Resp: 57015

Ion Ratio Lower Upper

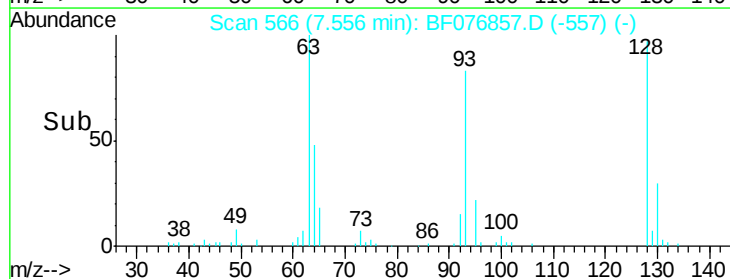
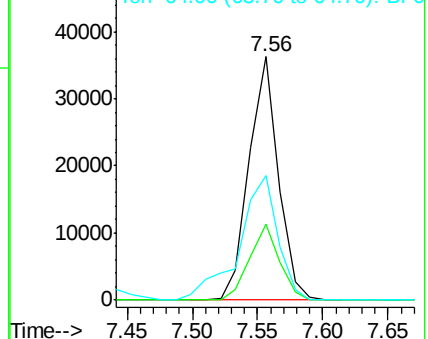
128 100

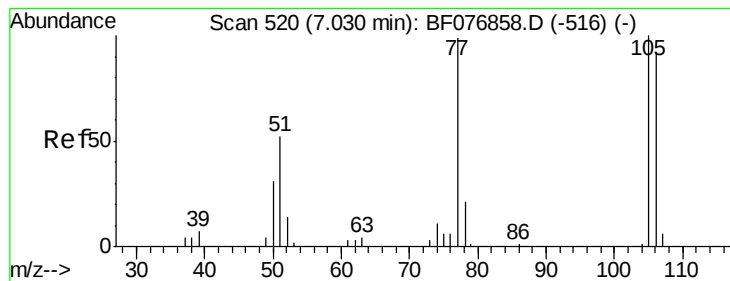
130 31.0 11.0 51.0

64 51.3 29.3 69.3



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: 29.32 ng

RT: 7.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

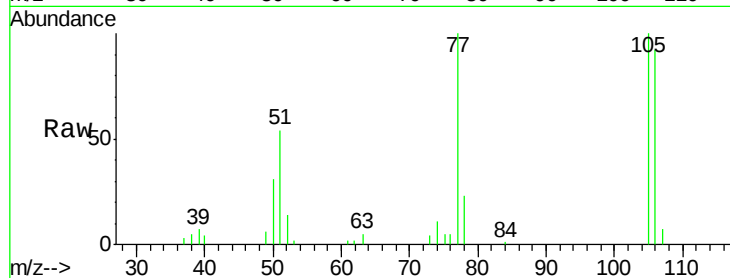
Tot Ion: 77 Resp: 41481

Ion Ratio Lower Upper

77 100

105 100.3 81.4 121.4

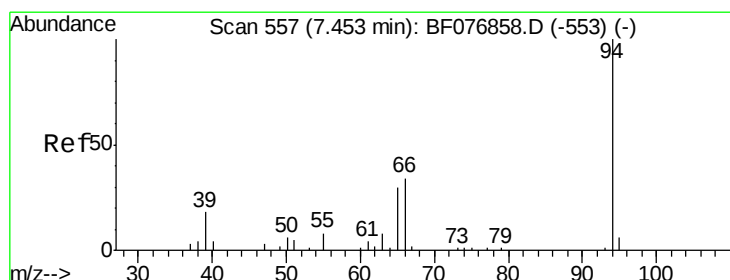
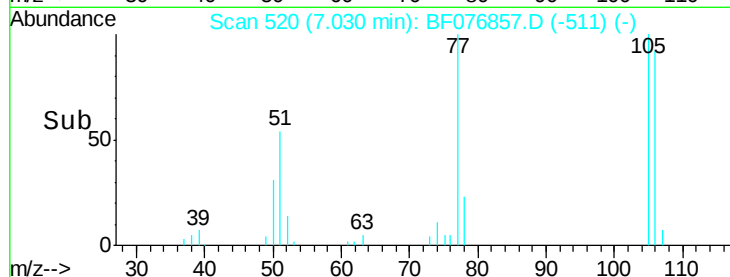
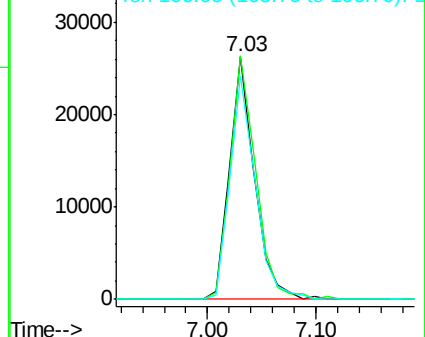
106 91.9 72.8 112.8



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: 25.68 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

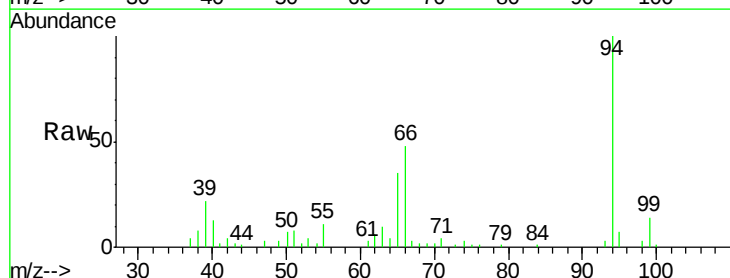
Tgt Ion: 94 Resp: 66942

Ion Ratio Lower Upper

94 100

65 34.8 11.3 51.3

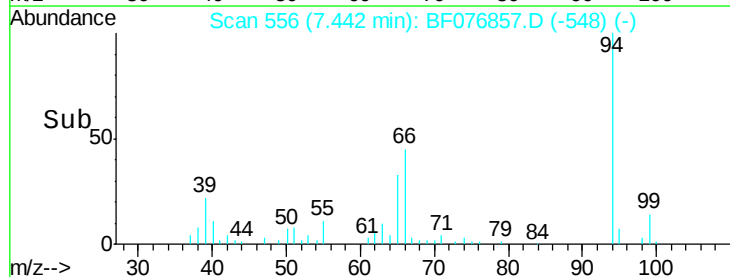
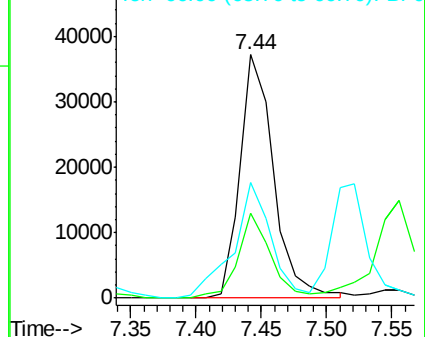
66 47.7 19.5 59.5

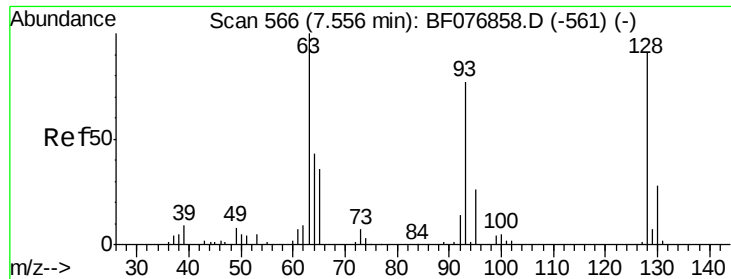


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

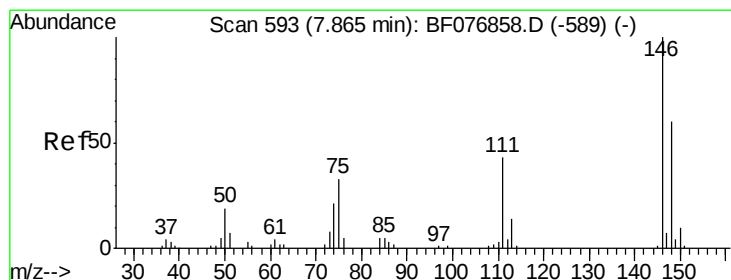
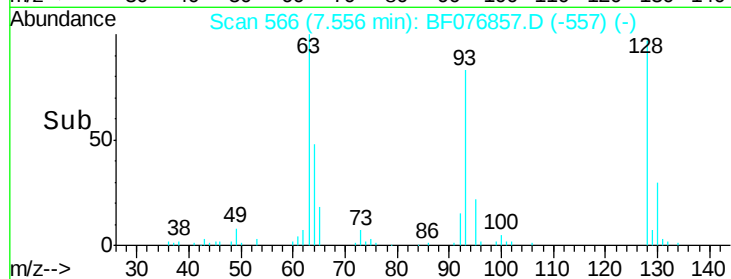
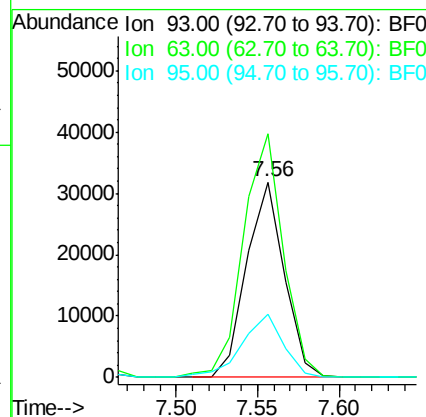
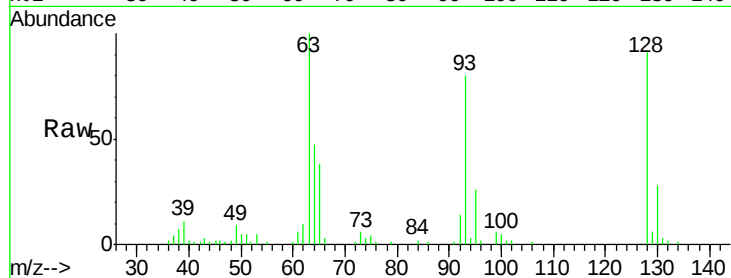




#11
bis(2-Chloroethyl)ether
Concen: 24.65 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

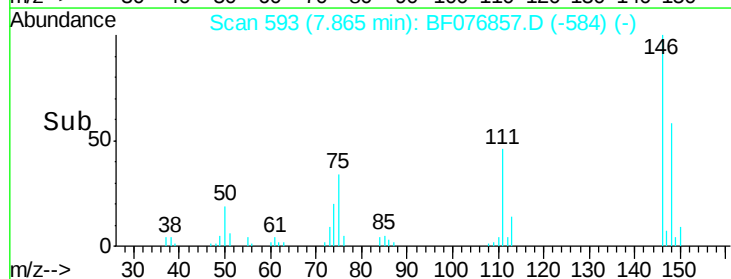
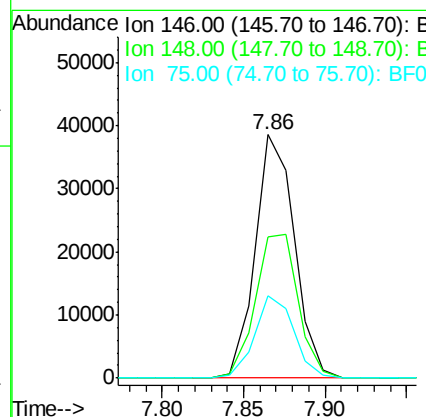
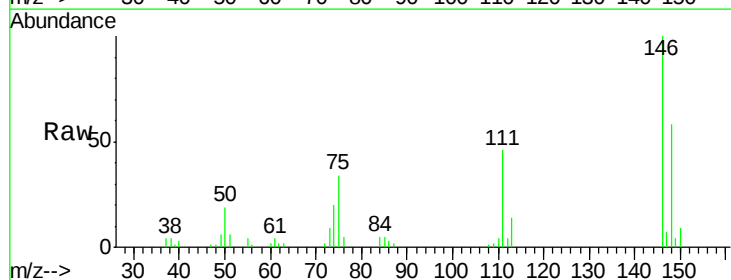
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 50983
Ion Ratio Lower Upper
93 100
63 124.8 111.3 151.3
95 32.3 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 25.90 ng
RT: 7.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion: 146 Resp: 64510
Ion Ratio Lower Upper
146 100
148 58.1 48.1 72.1
75 33.9 26.8 40.2

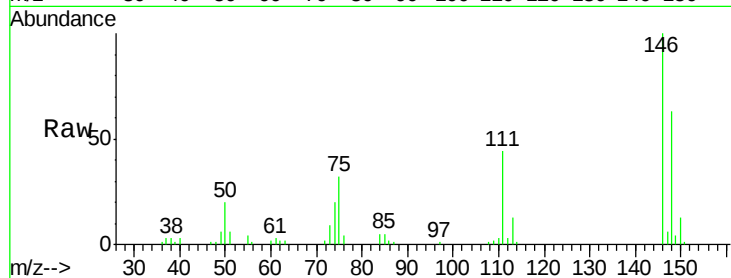




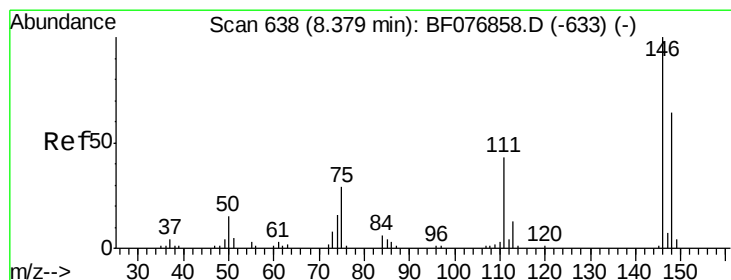
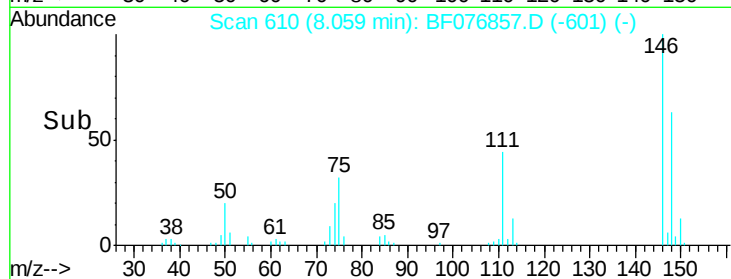
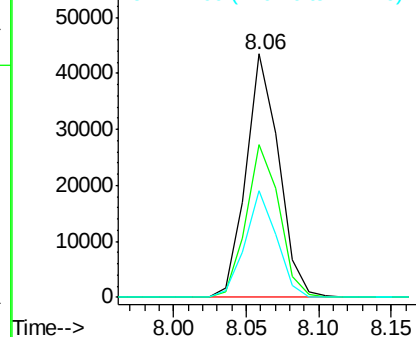
#13
 1,4-Dichlorobenzene
 Concen: 26.18 ng
 RT: 8.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 68280
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.5 77.3
 111 43.8 33.9 50.9

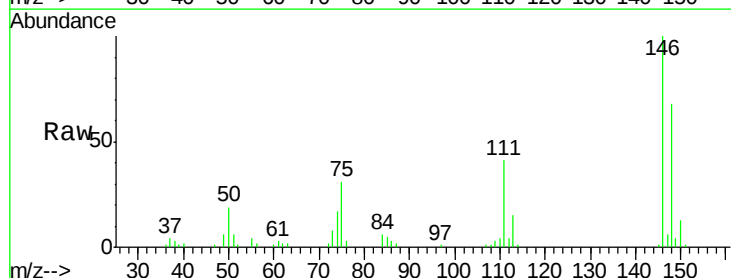


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

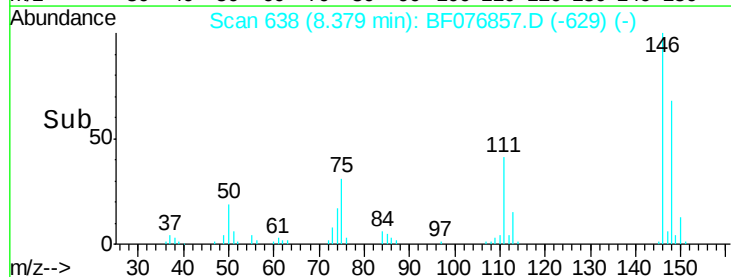
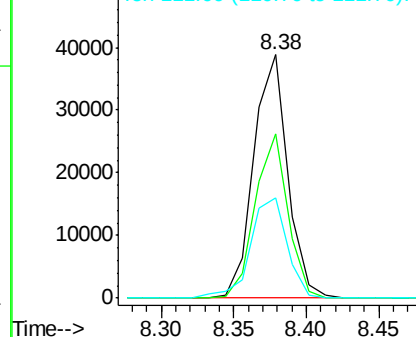


#14
 1,2-Dichlorobenzene
 Concen: 25.80 ng
 RT: 8.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion:146 Resp: 62820
 Ion Ratio Lower Upper
 146 100
 148 67.6 51.3 76.9
 111 41.4 34.5 51.7



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: 26.06 ng

RT: 8.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :
BNA_F
ClientSampleId :

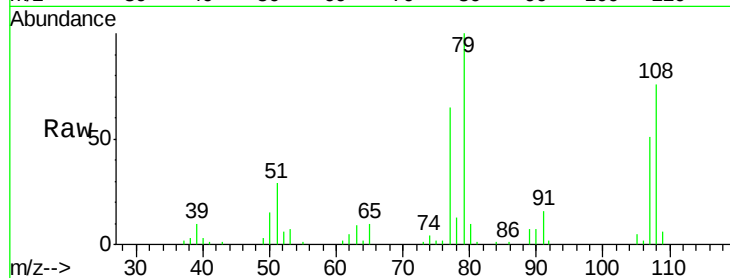
Tot Ion: 79 Resp: 51563

Ion Ratio Lower Upper

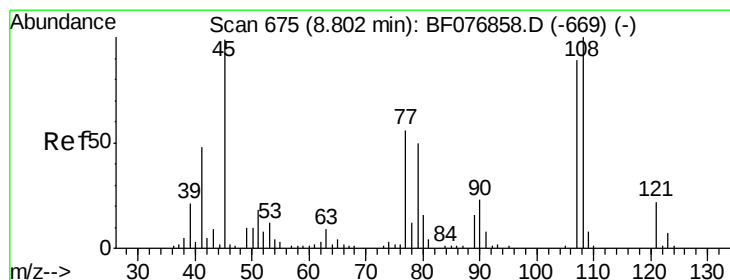
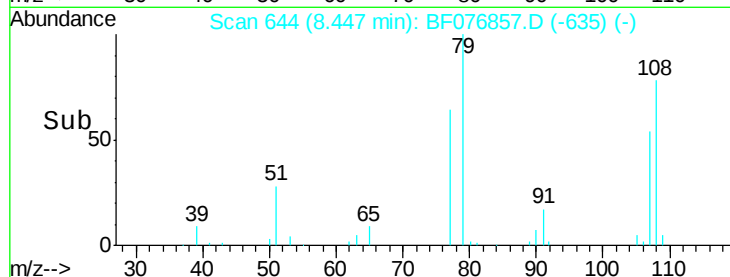
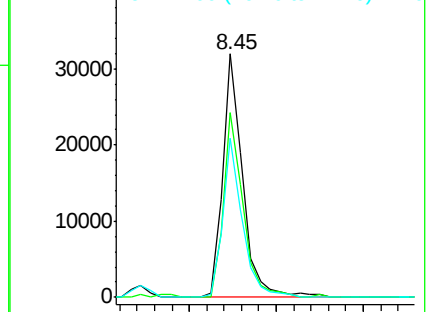
79 100

108 75.9 57.2 85.8

77 65.4 51.2 76.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 24.50 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

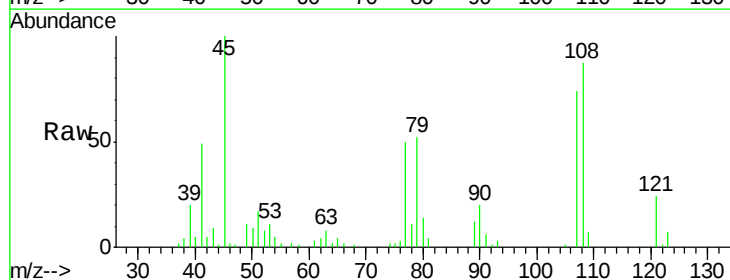
Tgt Ion: 45 Resp: 68262

Ion Ratio Lower Upper

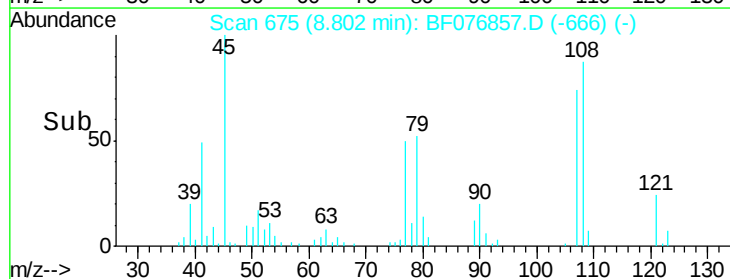
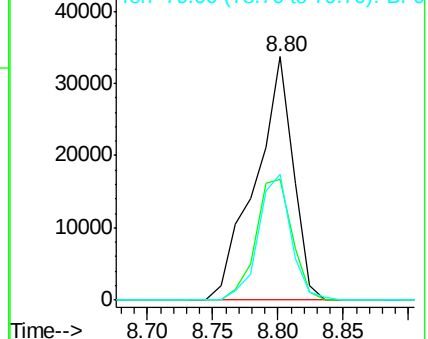
45 100

77 49.8 36.1 76.1

79 51.8 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 25.97 ng

RT: 8.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 46773

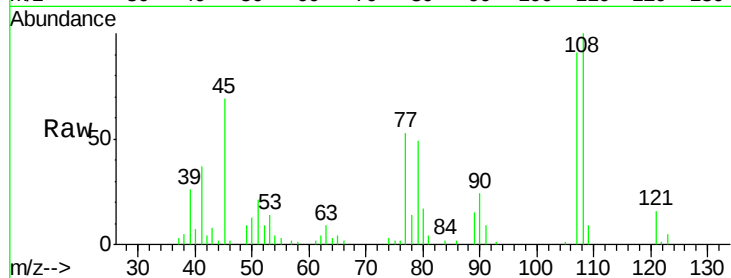
Ion Ratio Lower Upper

107 100

108 109.7 89.7 134.5

77 57.8 50.1 75.1

79 54.0 45.0 67.6

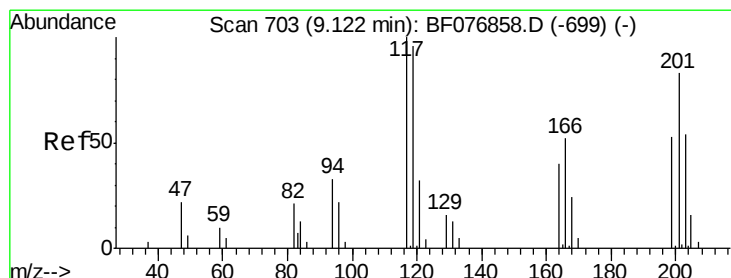
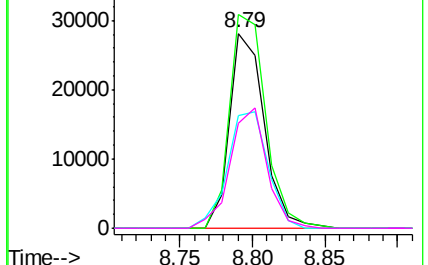
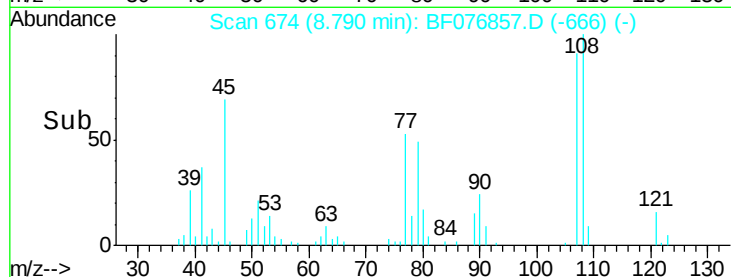


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 25.46 ng

RT: 9.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

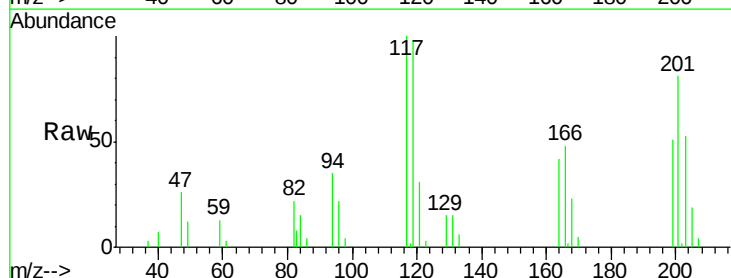
Tgt Ion:117 Resp: 23947

Ion Ratio Lower Upper

117 100

119 98.1 77.1 115.7

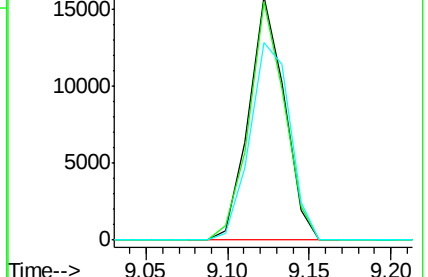
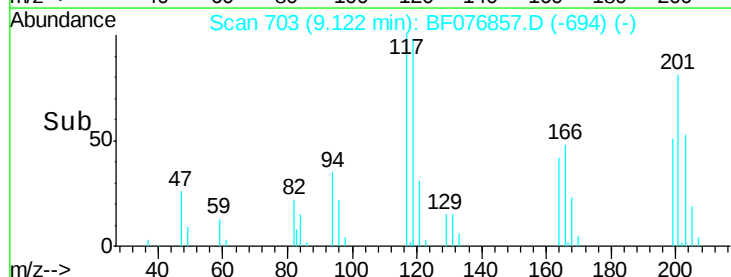
201 83.6 66.8 100.2

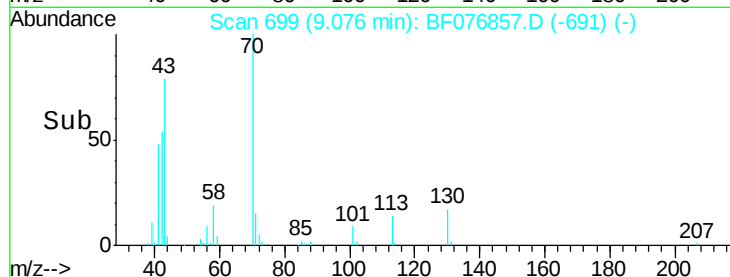
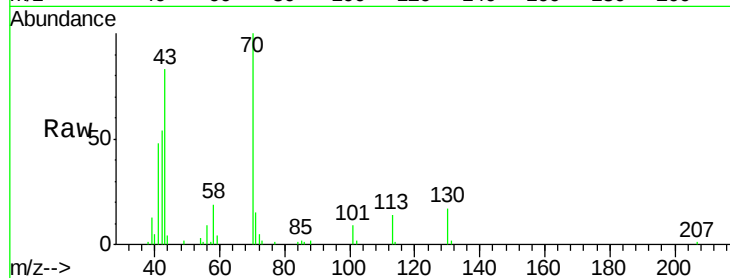
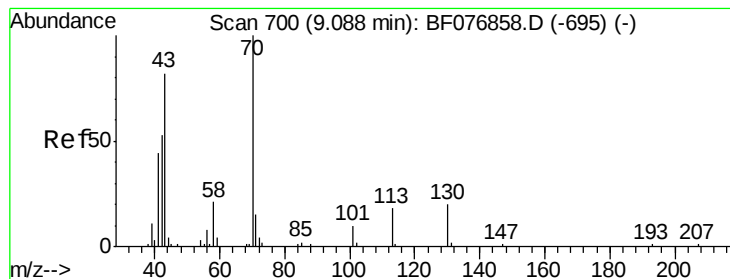


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 25.00 ng

RT: 9.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 42411

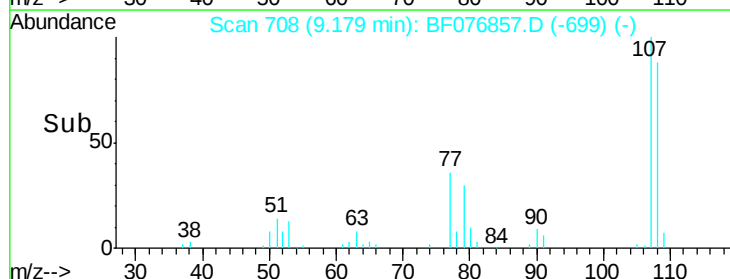
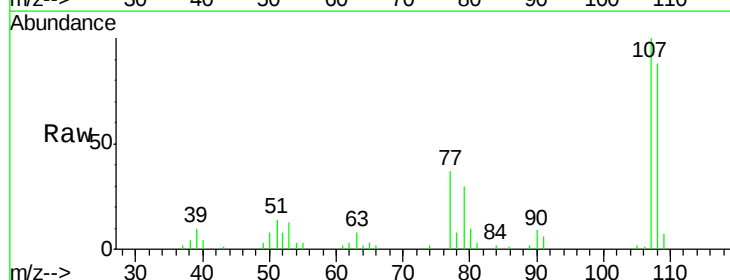
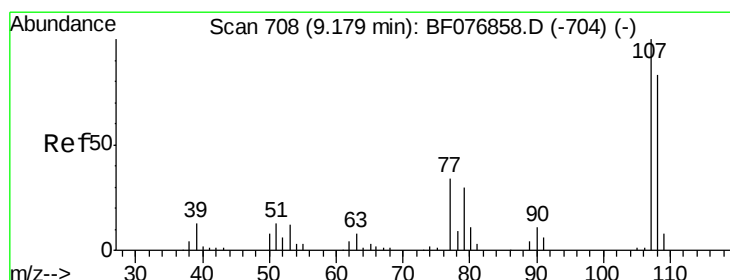
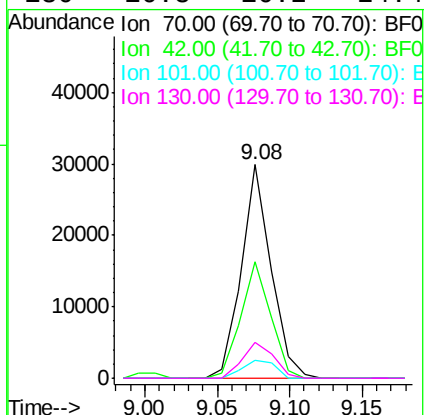
Ion	Ratio	Lower	Upper
70	100		
42	54.4	42.1	63.1
101	8.5	7.8	11.8
130	16.8	16.2	24.4

70 100

42 54.4 42.1 63.1

101 8.5 7.8 11.8

130 16.8 16.2 24.4



#20

3+4-Methylphenols

Concen: 25.66 ng

RT: 9.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Tgt Ion: 107 Resp: 60858

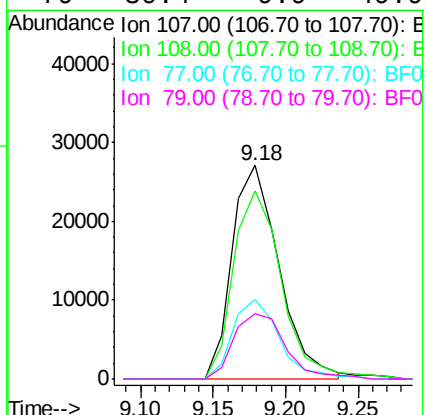
Ion	Ratio	Lower	Upper
107	100		
108	88.0	63.5	103.5
77	37.4	14.0	54.0
79	30.4	9.9	49.9

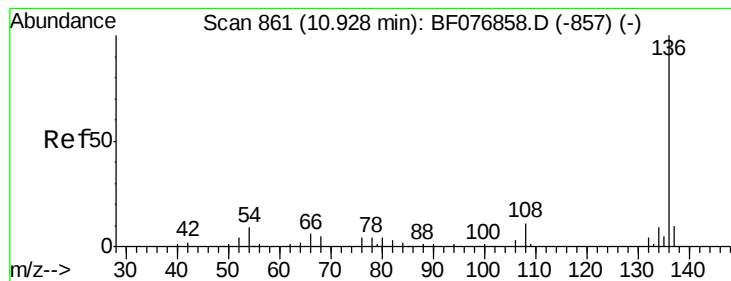
107 100

108 88.0 63.5 103.5

77 37.4 14.0 54.0

79 30.4 9.9 49.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 137322

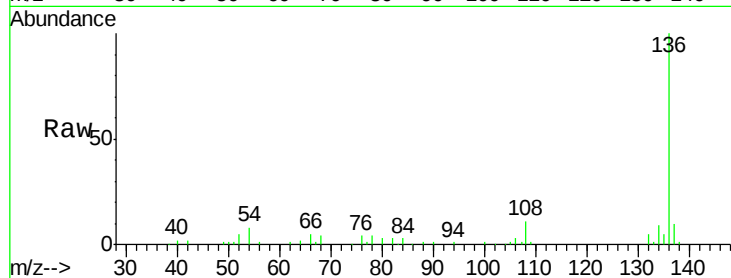
Ion Ratio Lower Upper

136 100

137 9.9 8.1 12.1

54 8.2 7.0 10.4

68 4.4 3.7 5.5

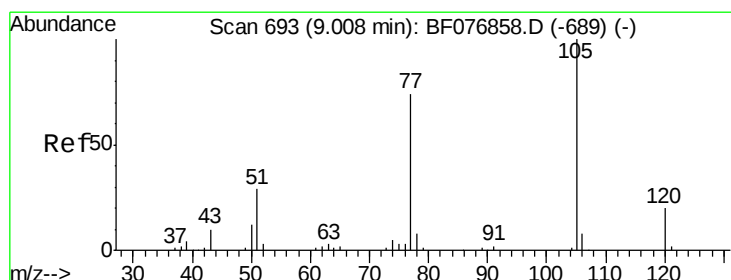
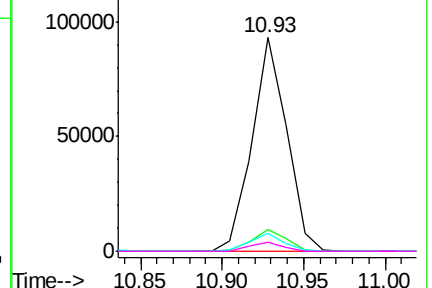
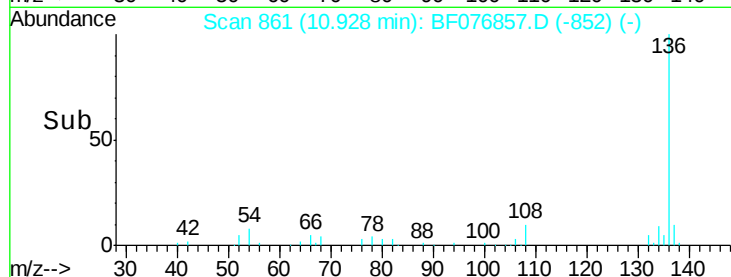


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 25.24 ng

RT: 9.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Tgt Ion:105 Resp: 85239

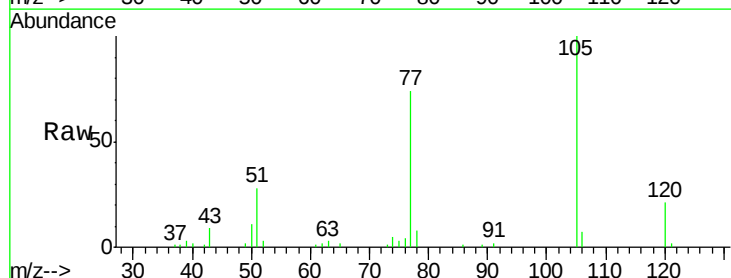
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 27.9 23.3 34.9

120 20.6 16.1 24.1

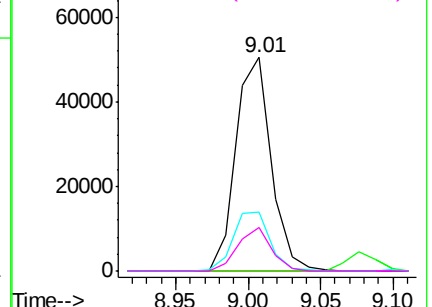
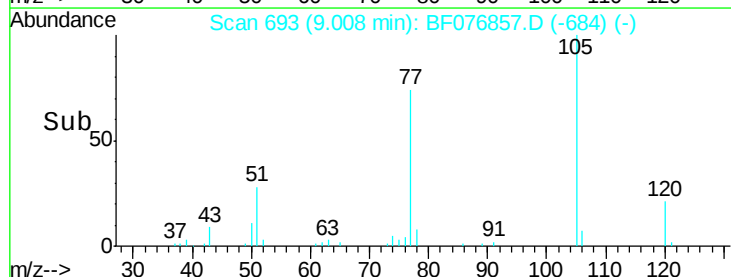


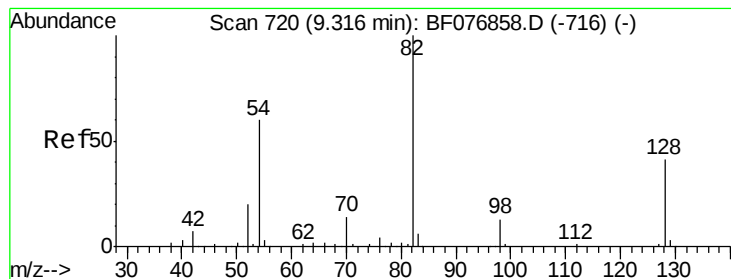
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 51.22 ng

RT: 9.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampled :

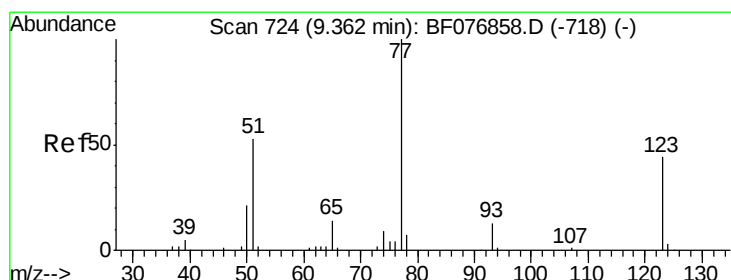
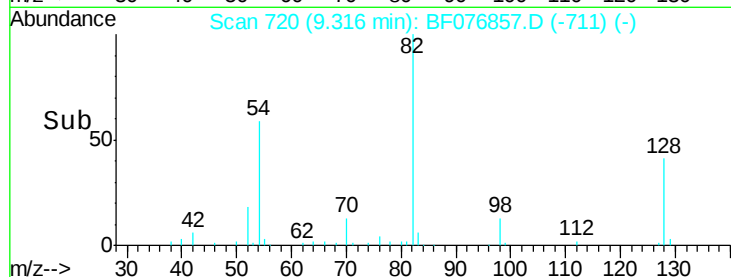
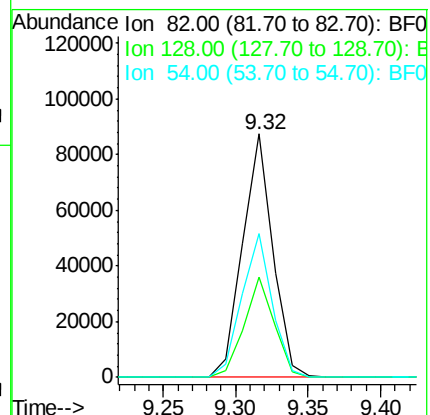
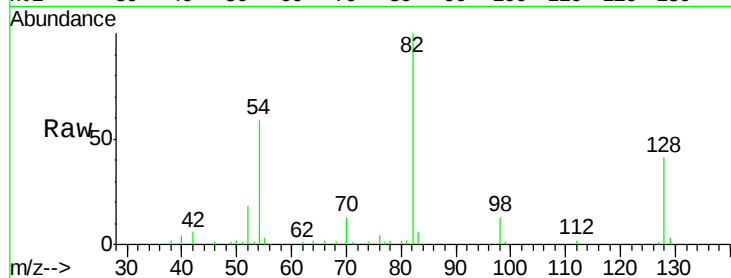
Tot Ion: 82 Resp: 126766

Ion Ratio Lower Upper

82 100

128 41.1 33.1 49.7

54 59.2 48.3 72.5



#24

Nitrobenzene

Concen: 25.94 ng

RT: 9.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

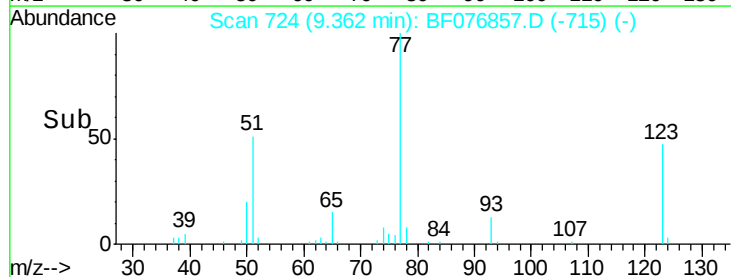
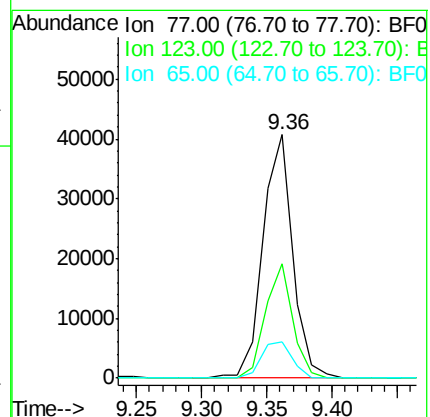
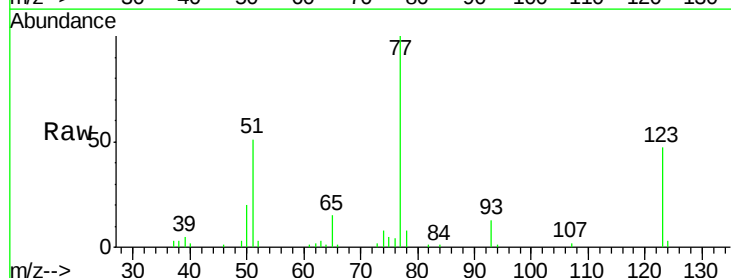
Tgt Ion: 77 Resp: 64856

Ion Ratio Lower Upper

77 100

123 47.2 35.2 52.8

65 15.0 11.4 17.2





#25

Isophorone

Concen: 25.21 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampled :

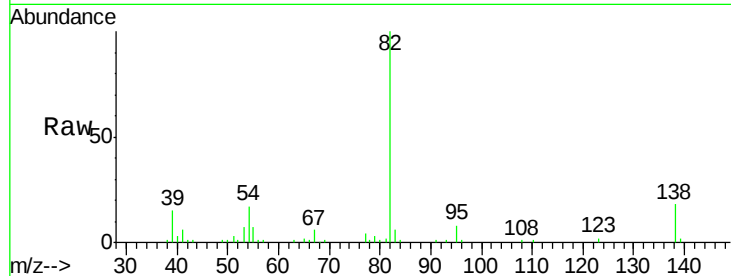
Tot Ion: 82 Resp: 113590

Ion Ratio Lower Upper

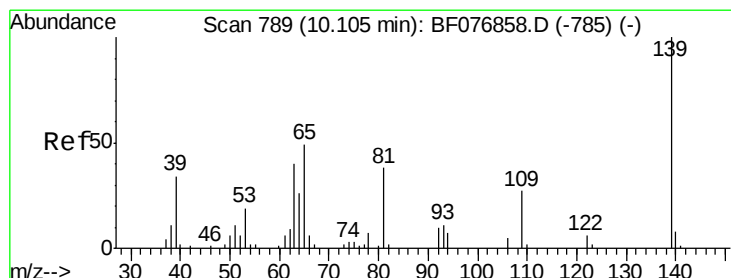
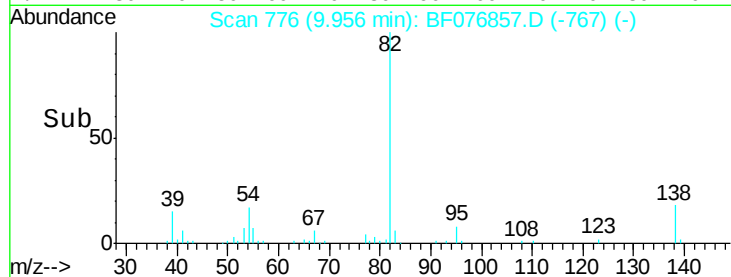
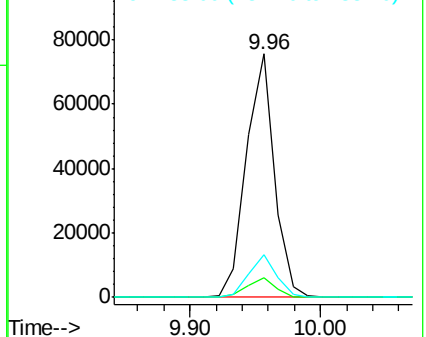
82 100

95 7.9 6.6 10.0

138 17.7 12.6 18.8



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



#26

2-Nitrophenol

Concen: 24.50 ng

RT: 10.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

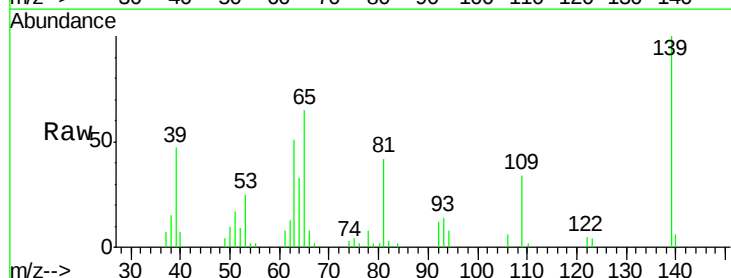
Tgt Ion: 139 Resp: 29482

Ion Ratio Lower Upper

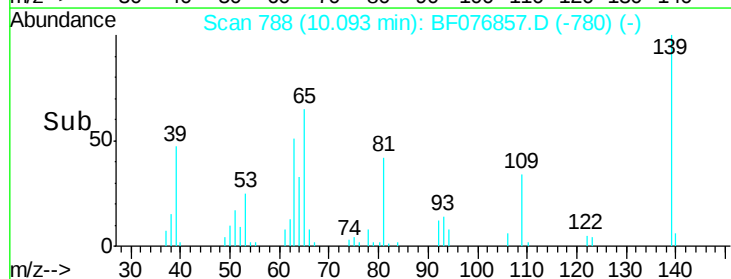
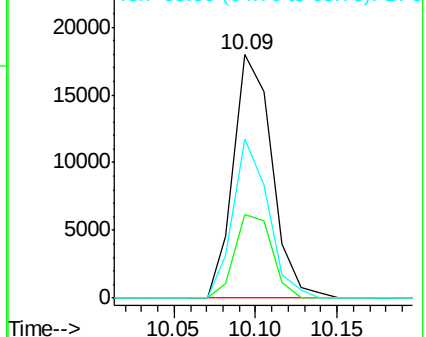
139 100

109 34.3 21.3 31.9#

65 65.4 39.4 59.0#



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





#27

2,4-Dimethylphenol

Concen: 24.93 ng

RT: 10.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :
BNA_F
ClientSampled :

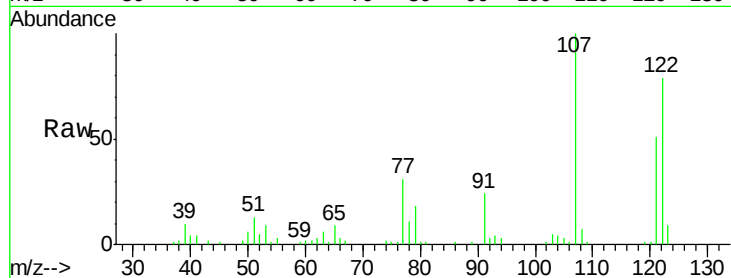
Tot Ion:122 Resp: 48612

Ion Ratio Lower Upper

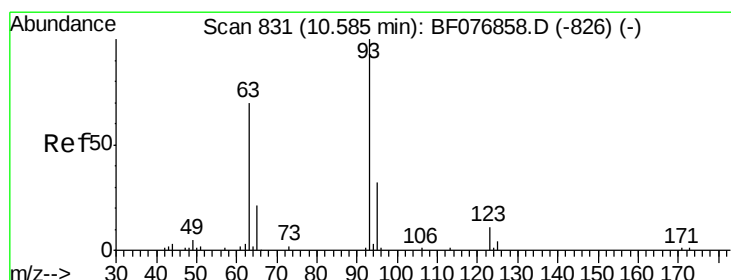
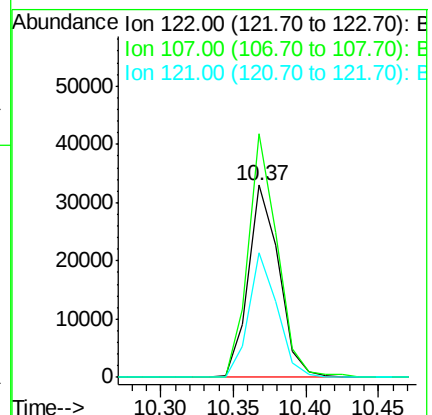
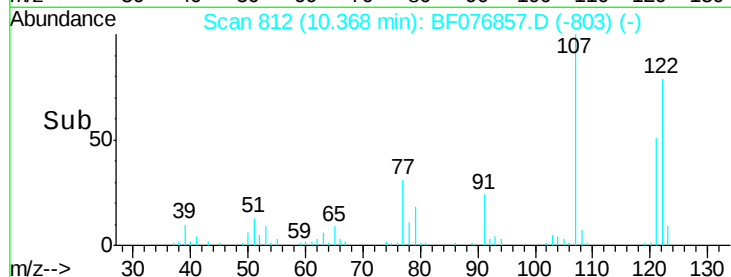
122 100

107 126.8 95.2 142.8

121 64.7 42.9 64.3#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 24.45 ng

RT: 10.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

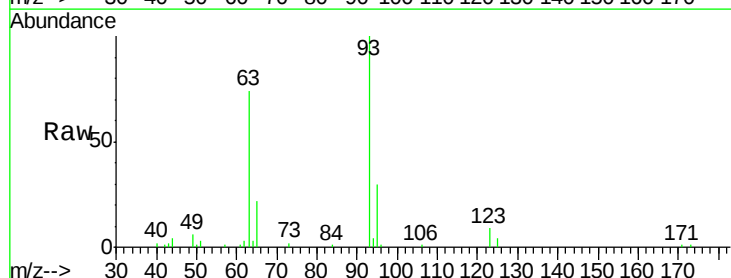
Tgt Ion: 93 Resp: 64850

Ion Ratio Lower Upper

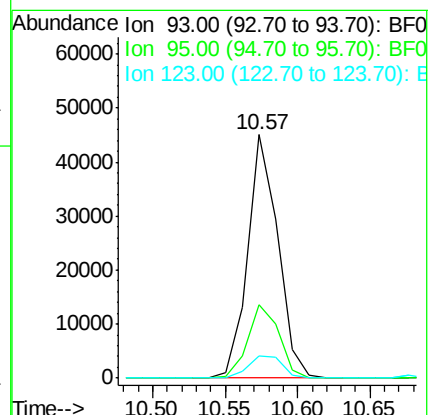
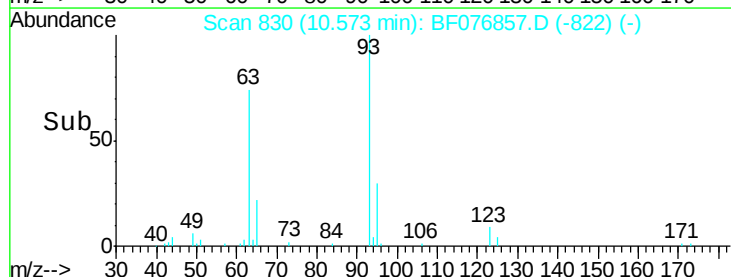
93 100

95 30.1 25.6 38.4

123 9.4 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

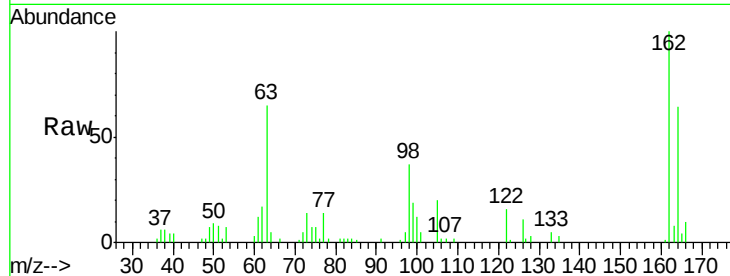




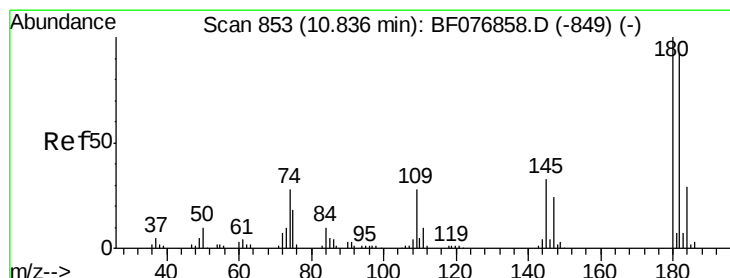
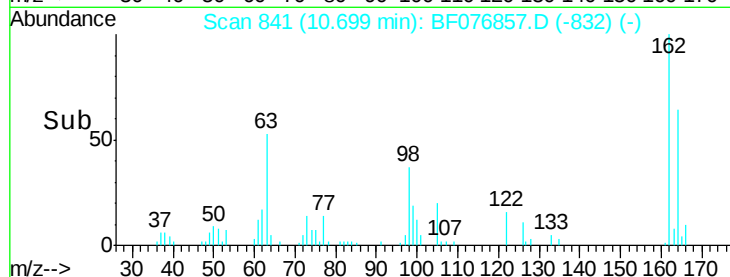
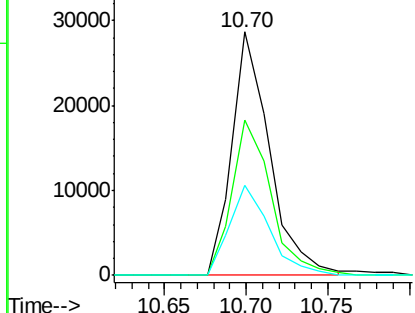
#29
 2,4-Dichlorophenol
 Concen: 25.10 ng
 RT: 10.70 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.8	83.8
98	37.1	22.5	62.5

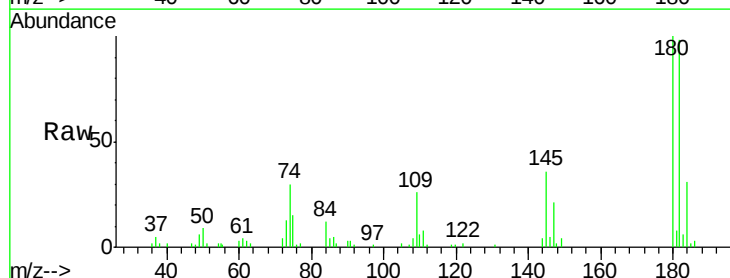


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

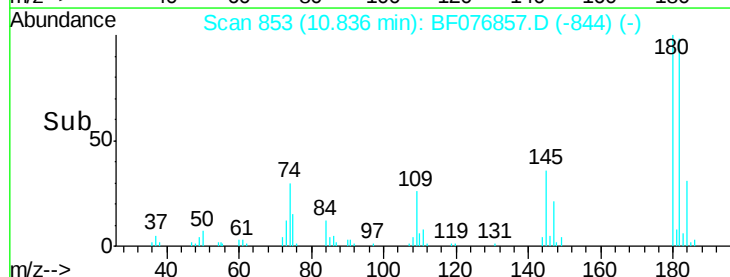
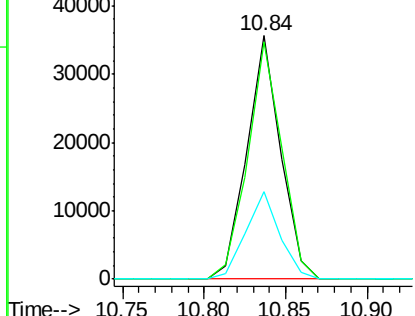


#30
 1,2,4-Trichlorobenzene
 Concen: 24.56 ng
 RT: 10.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	73.6	110.4
145	35.9	26.6	39.8



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

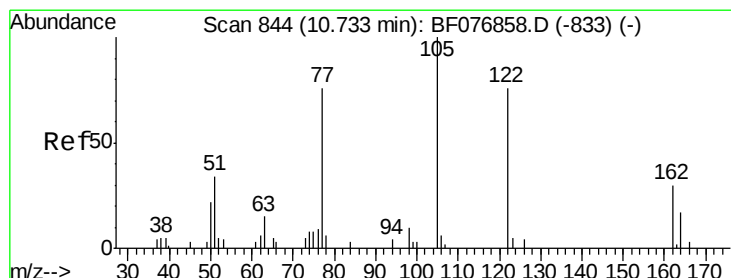
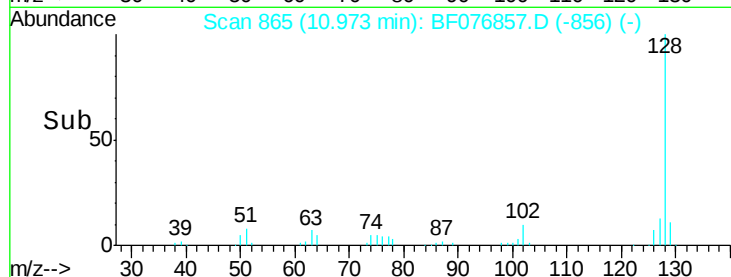
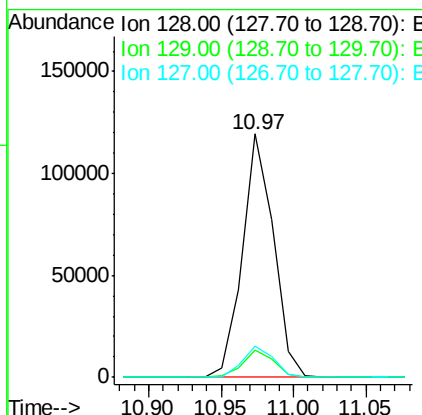
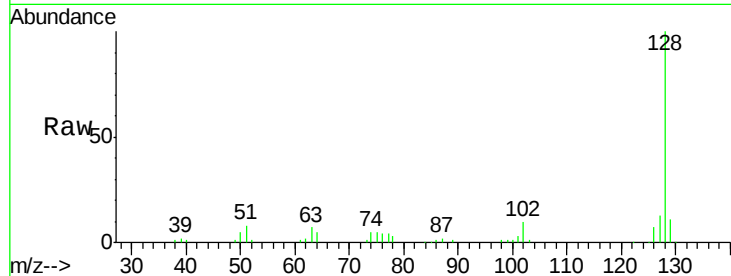




#31
Naphthalene
Concen: 25.03 ng
RT: 10.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

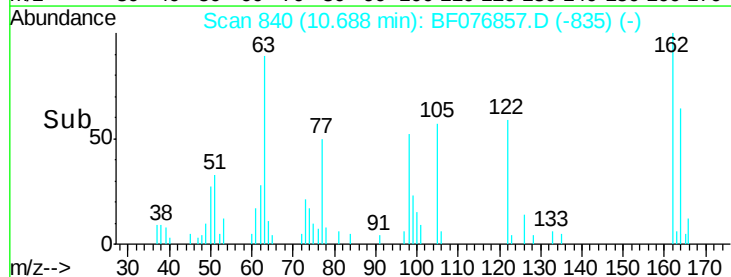
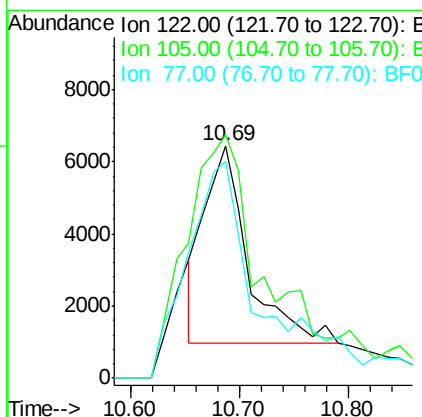
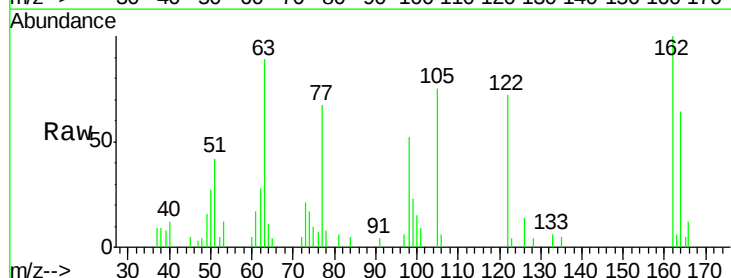
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 177154
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.6 10.2 15.2



#32
Benzoic acid
Concen: 15.60 ng
RT: 10.69 min Scan# 840
Delta R.T. -0.05 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion:122 Resp: 15454
Ion Ratio Lower Upper
122 100
105 104.7 111.3 151.3#
77 93.3 79.2 119.2

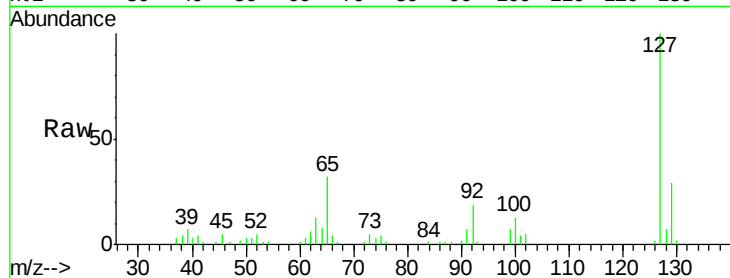




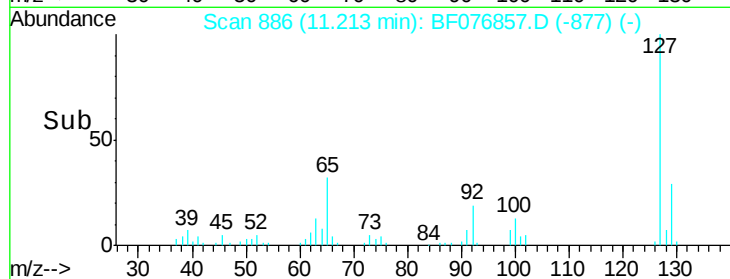
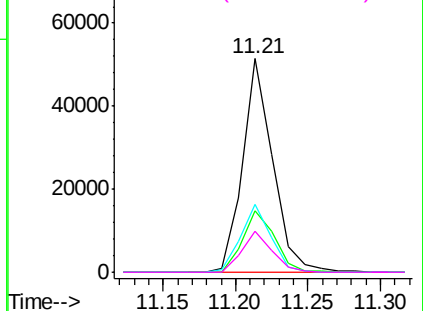
#33
4-Chloroaniline
Concen: 26.64 ng
RT: 11.21 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	73951
Ion	Ratio	Lower Upper
127	100	
129	28.9	25.3 37.9
65	32.0	27.8 41.6
92	19.1	16.5 24.7

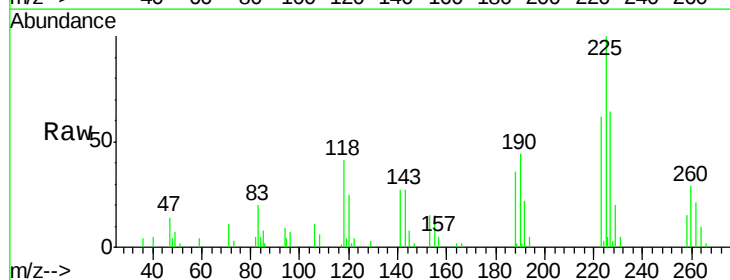


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

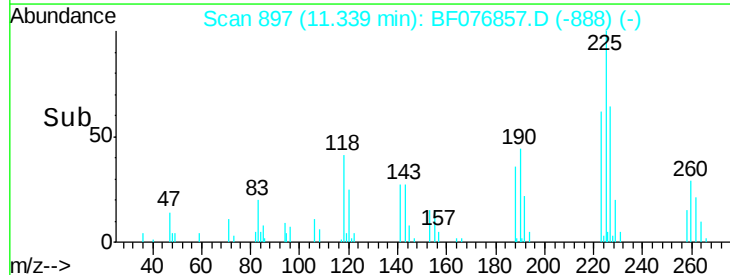
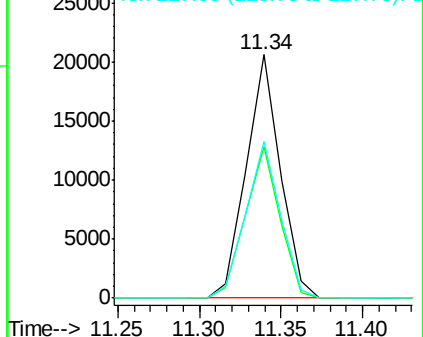


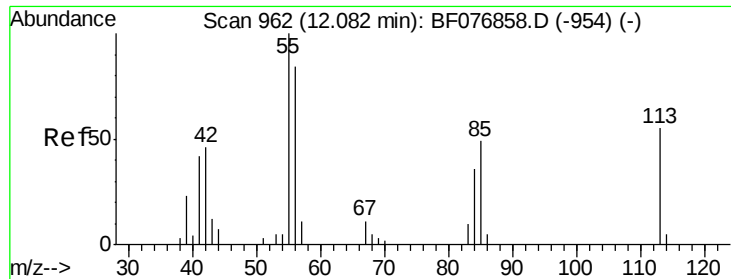
#34
Hexachlorobutadiene
Concen: 24.94 ng
RT: 11.34 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion:225	Resp:	29859
Ion	Ratio	Lower Upper
225	100	
223	62.2	49.1 73.7
227	64.1	47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

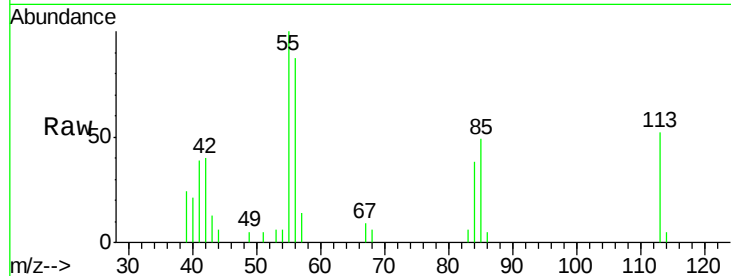




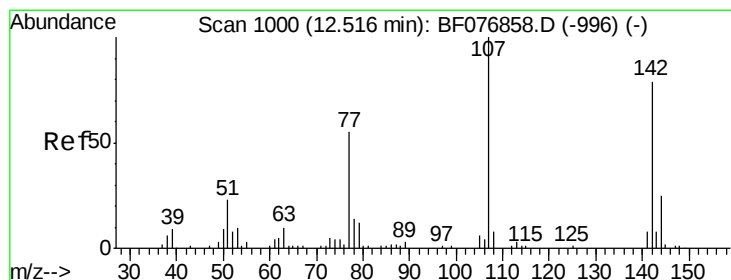
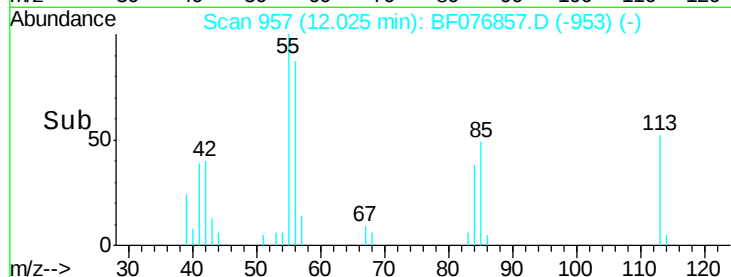
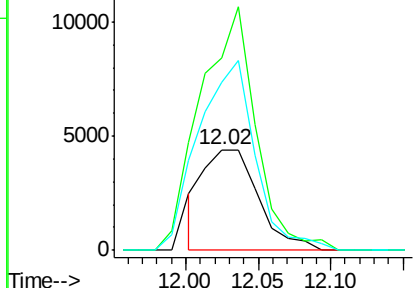
#35
Caprolactam
Concen: 21.11 ng
RT: 12.02 min Scan# 957
Delta R.T. -0.06 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 11656
Ion Ratio Lower Upper
113 100
55 191.7 162.1 202.1
56 167.7 133.7 173.7

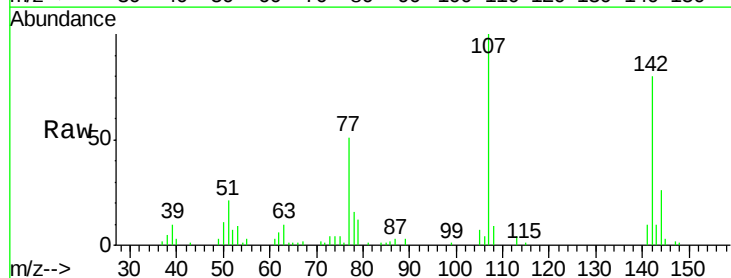


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

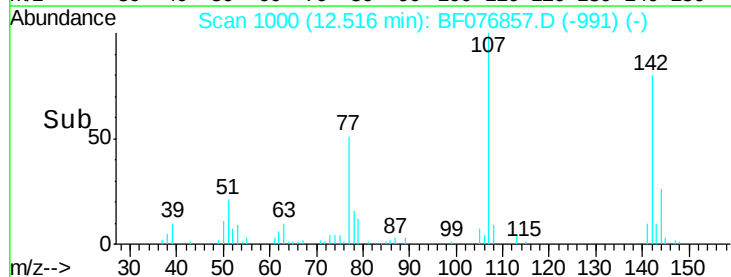
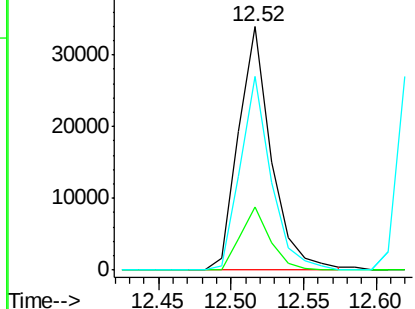


#36
4-Chloro-3-methylphenol
Concen: 25.96 ng
RT: 12.52 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion:107 Resp: 53111
Ion Ratio Lower Upper
107 100
144 26.1 20.0 30.0
142 79.6 63.5 95.3



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

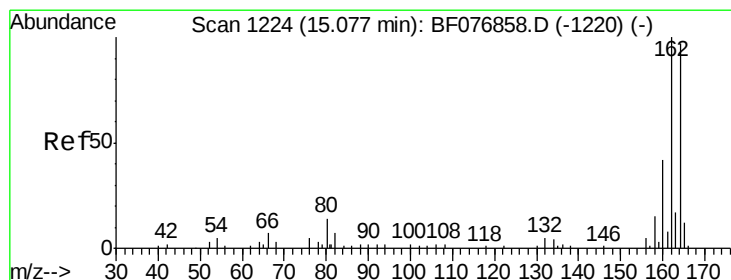
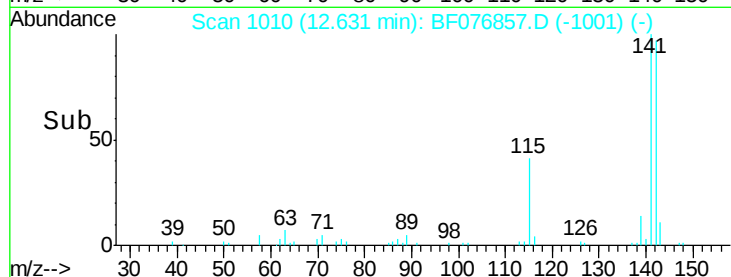
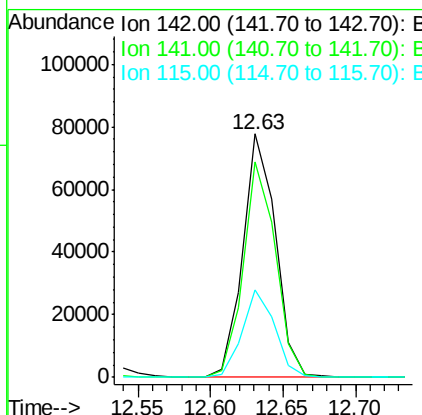
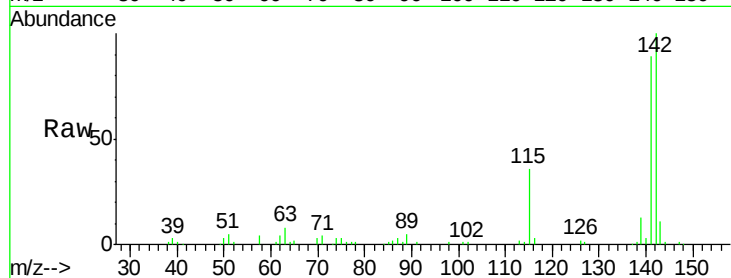




#37
 2-Methylnaphthalene
 Concen: 24.56 ng
 RT: 12.63 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

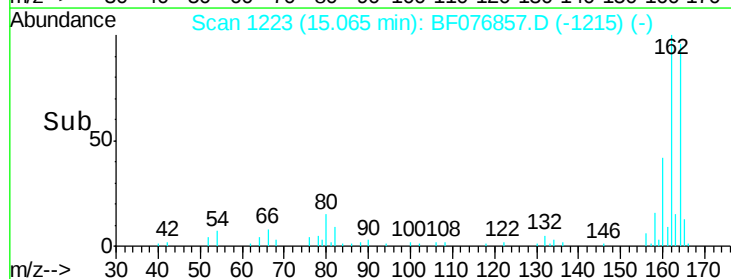
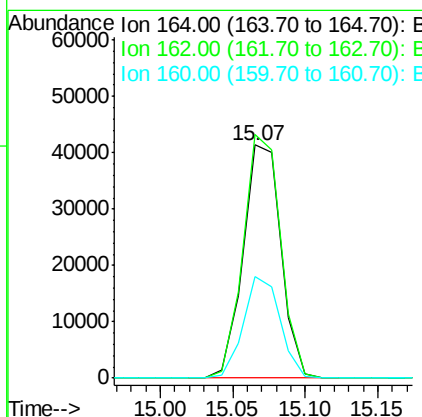
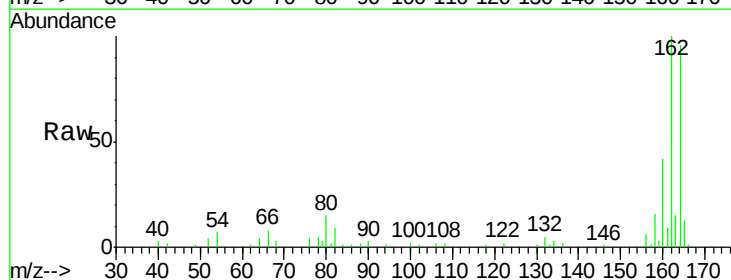
Instrument :
 BNA_F
 ClientSampleId :

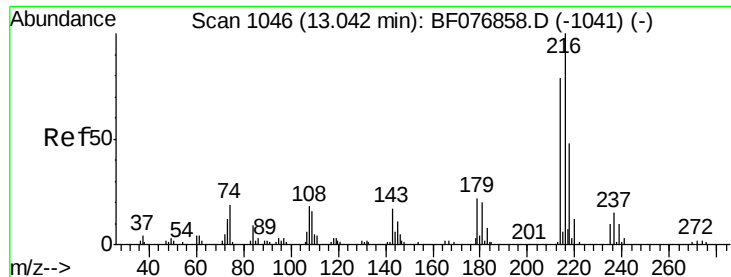
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	74.5	111.7
115	36.0	29.7	44.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.4	123.6
160	43.5	34.8	52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.61 ng

RT: 13.03 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 47321

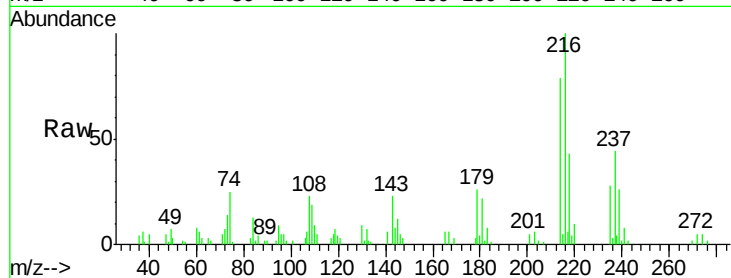
Ion Ratio Lower Upper

216 100

214 78.7 64.9 97.3

179 24.0 18.6 28.0

108 21.3 18.1 27.1

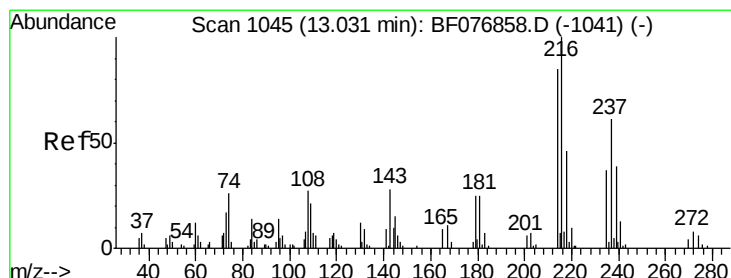
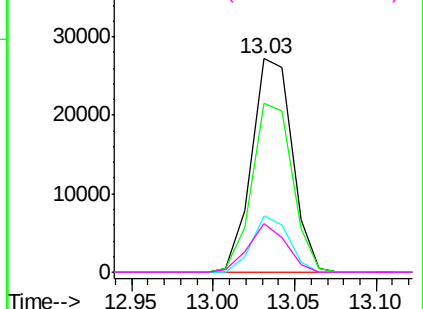
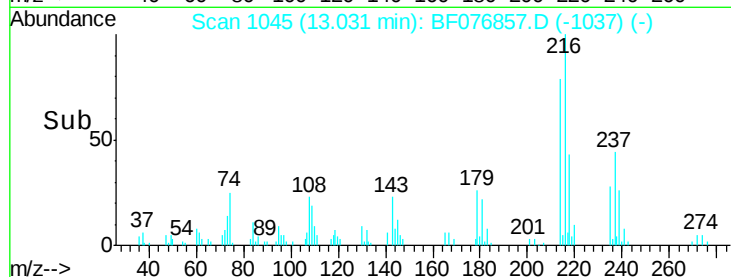


Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.14 ng

RT: 13.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

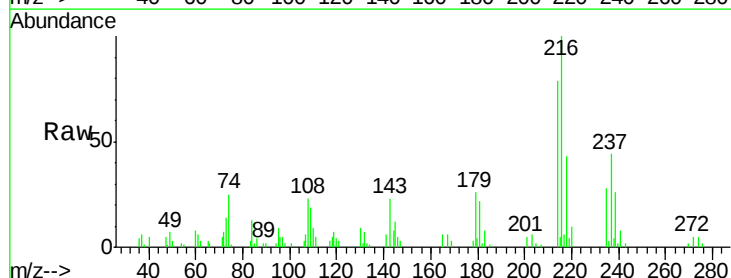
Tgt Ion:237 Resp: 18457

Ion Ratio Lower Upper

237 100

235 61.8 40.4 80.4

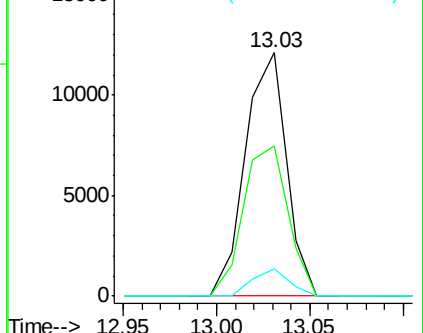
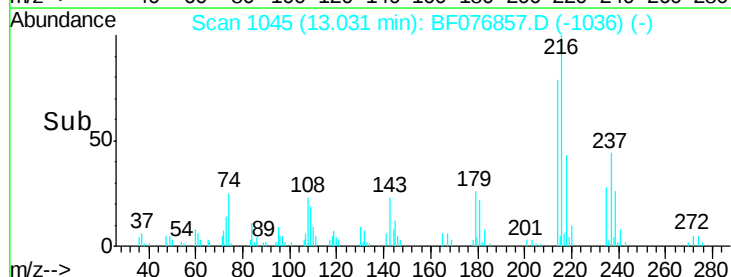
272 11.1 0.0 33.2



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: 50.17 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

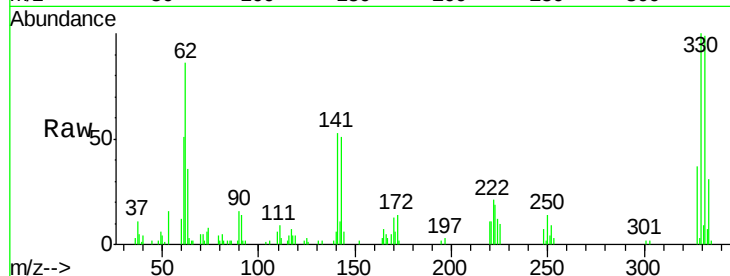
Tot Ion:330 Resp: 31231

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

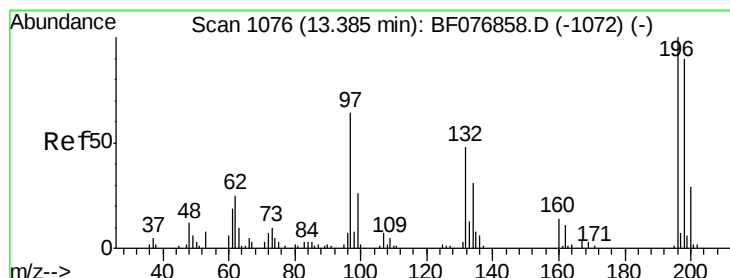
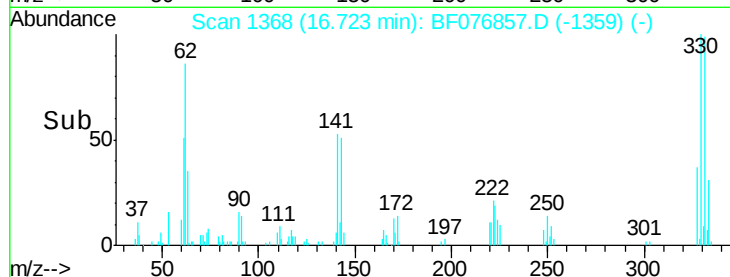
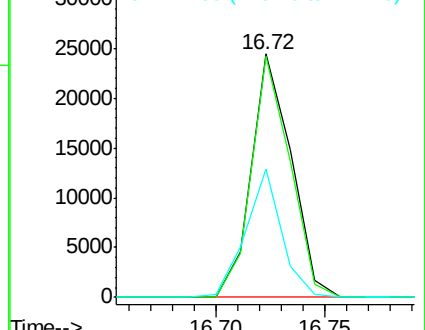
141 47.6 38.5 57.7



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: 25.38 ng

RT: 13.39 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

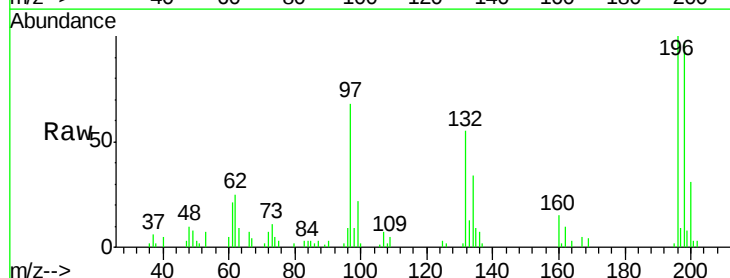
Tgt Ion:196 Resp: 34167

Ion Ratio Lower Upper

196 100

198 96.5 72.0 108.0

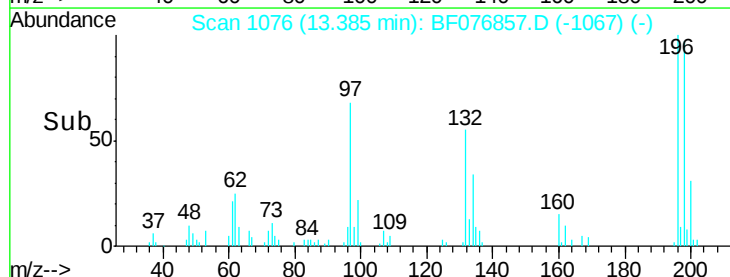
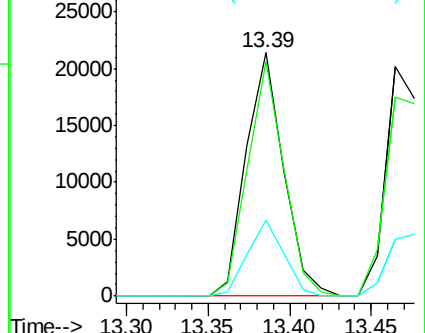
200 31.1 23.4 35.2



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

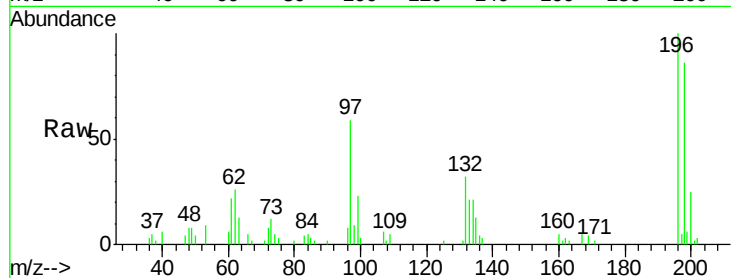




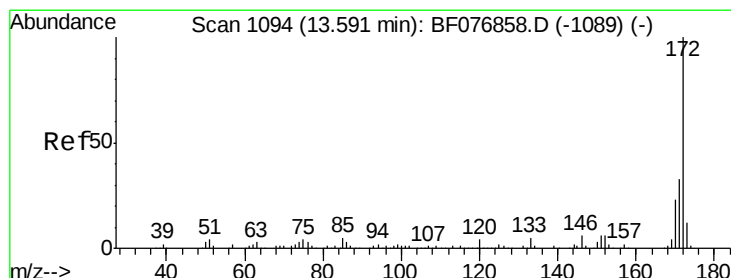
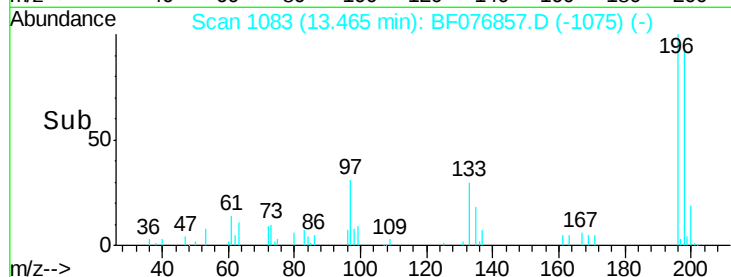
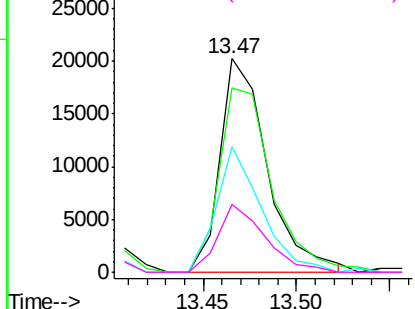
#43
 2,4,5-Trichlorophenol
 Concen: 25.43 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 35838
 Ion Ratio Lower Upper
 196 100
 198 86.4 76.6 115.0
 97 58.8 43.4 65.0
 132 31.5 23.7 35.5

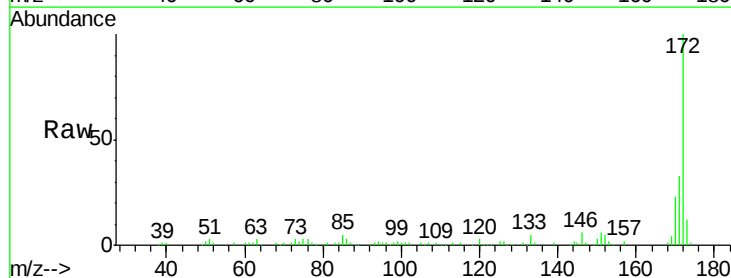


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

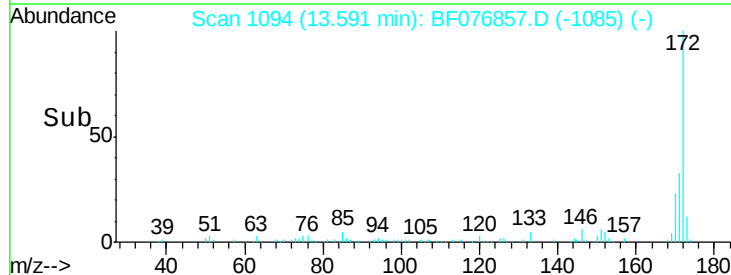
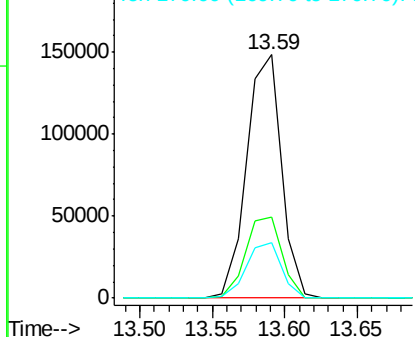


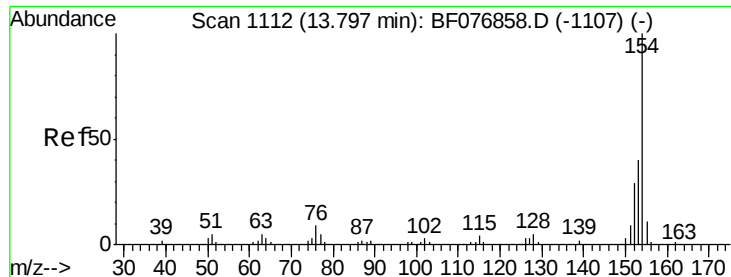
#44
 2-Fluorobiphenyl
 Concen: 48.97 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion:172 Resp: 247275
 Ion Ratio Lower Upper
 172 100
 171 33.1 26.6 40.0
 170 22.6 18.0 27.0



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

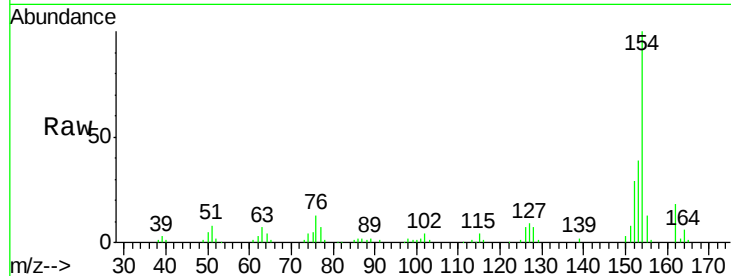




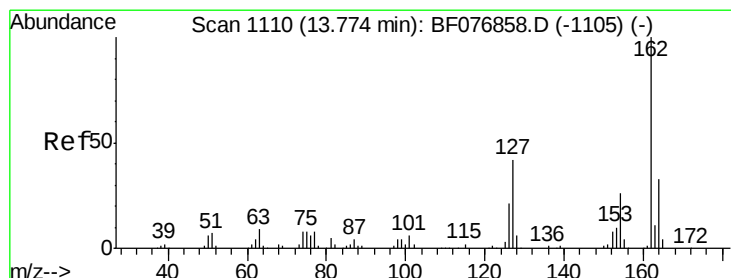
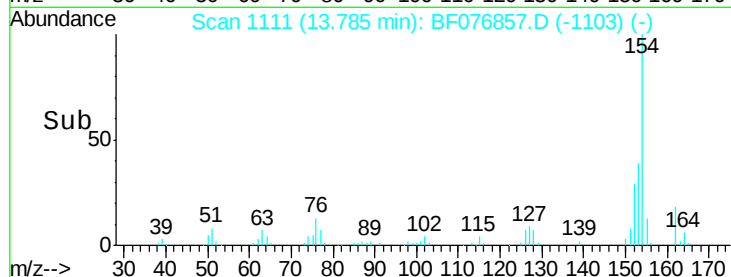
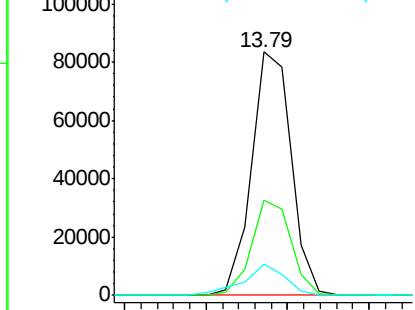
#45
 1,1'-Biphenyl
 Concen: 24.62 ng
 RT: 13.79 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 141131
 Ion Ratio Lower Upper
 154 100
 153 39.0 20.2 60.2
 76 12.5 0.0 29.0

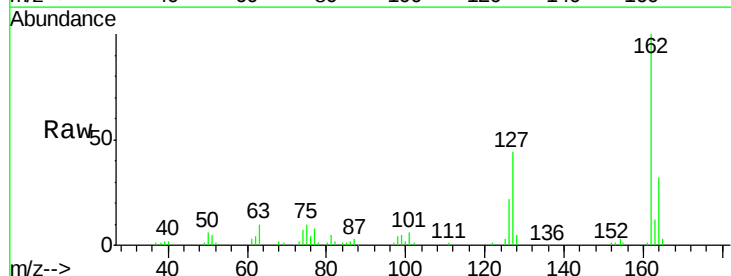


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

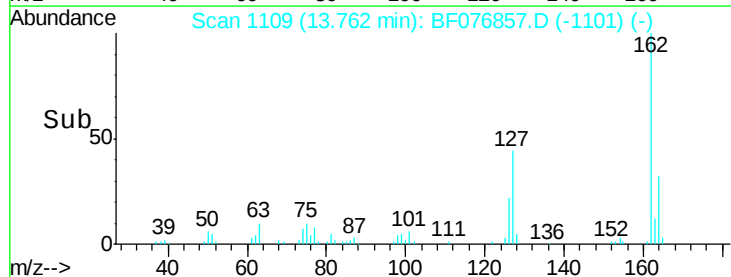
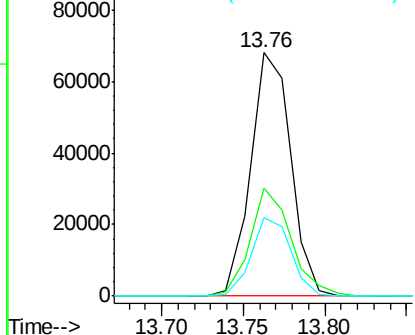


#46
 2-Chloronaphthalene
 Concen: 25.38 ng
 RT: 13.76 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion:162 Resp: 116334
 Ion Ratio Lower Upper
 162 100
 127 44.3 33.8 50.6
 164 32.1 26.8 40.2



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

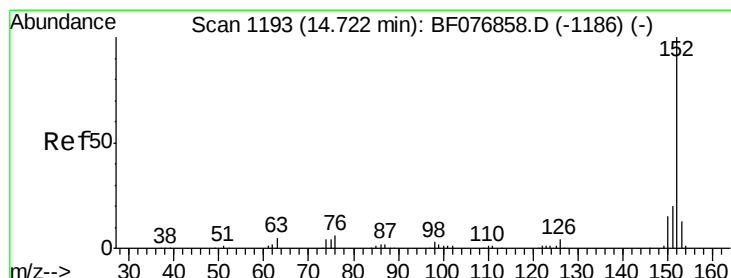
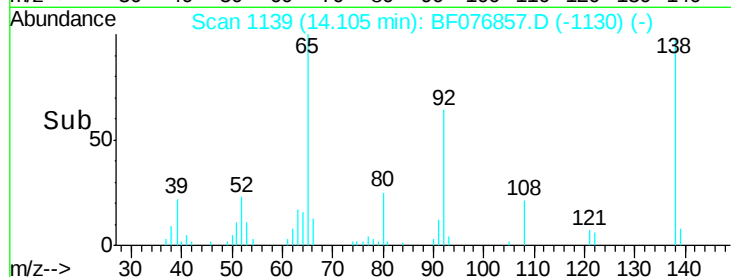
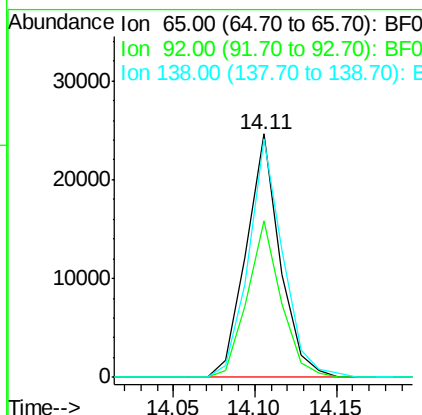
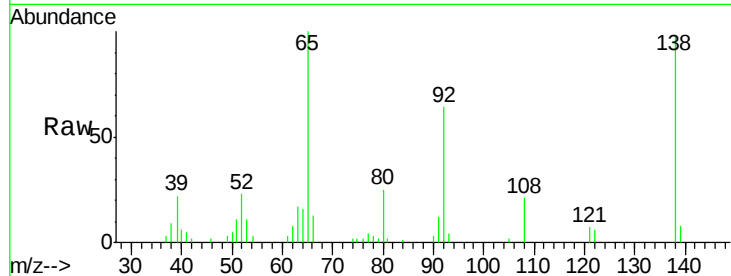




#47
2-Nitroaniline
Concen: 25.70 ng
RT: 14.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

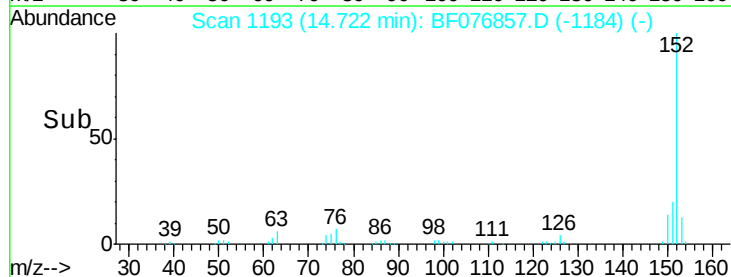
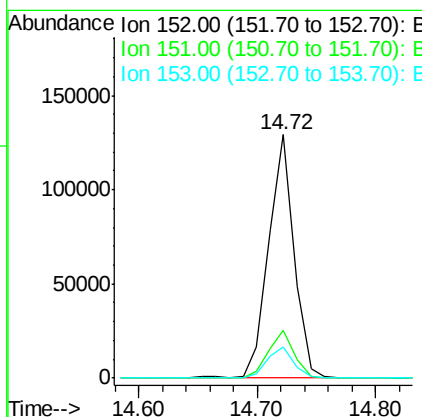
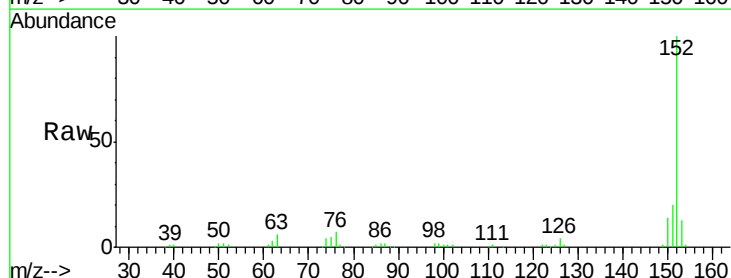
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 35463
Ion Ratio Lower Upper
65 100
92 64.4 47.3 70.9
138 98.1 71.4 107.2



#48
Acenaphthylene
Concen: 24.75 ng
RT: 14.72 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion: 152 Resp: 193401
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.8 10.2 15.4





#49

Dimethylphthalate

Concen: 24.68 ng

RT: 14.65 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

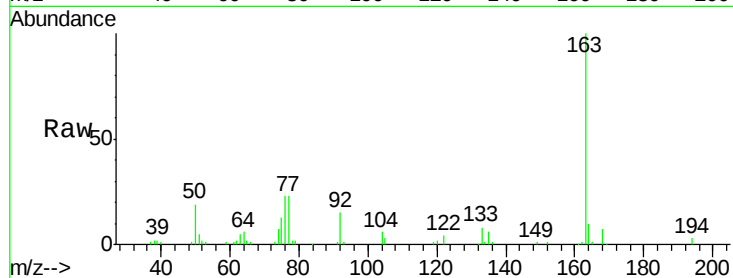
Tot Ion:163 Resp: 132889

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

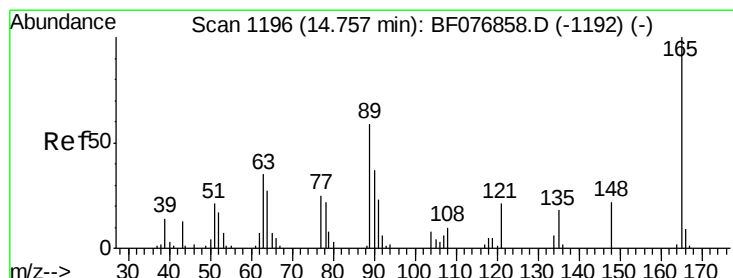
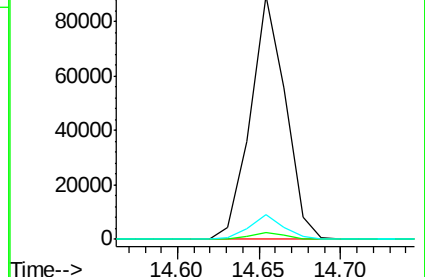
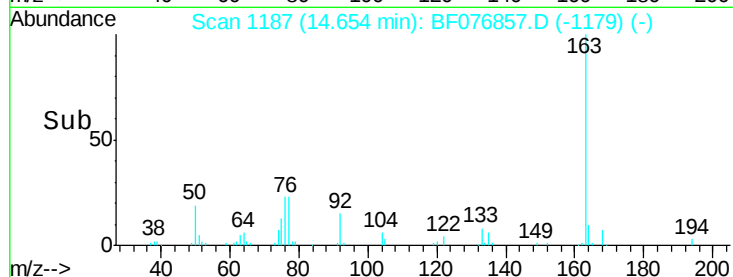
164 10.0 7.5 11.3



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: 23.26 ng

RT: 14.76 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

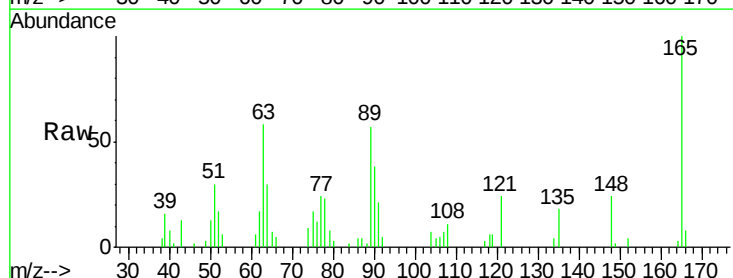
Tgt Ion:165 Resp: 26685

Ion Ratio Lower Upper

165 100

63 57.6 48.1 72.1

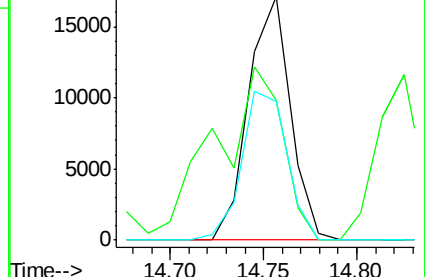
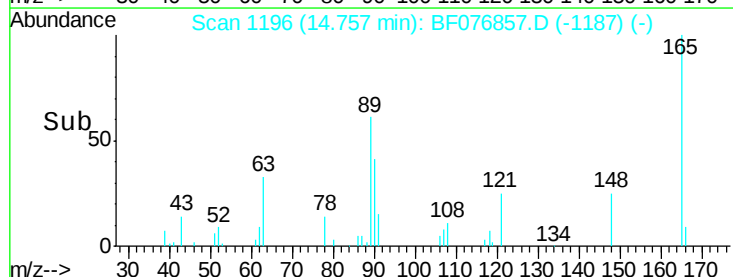
89 57.0 47.2 70.8

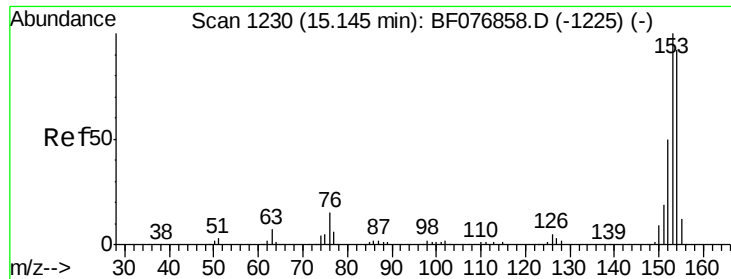


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

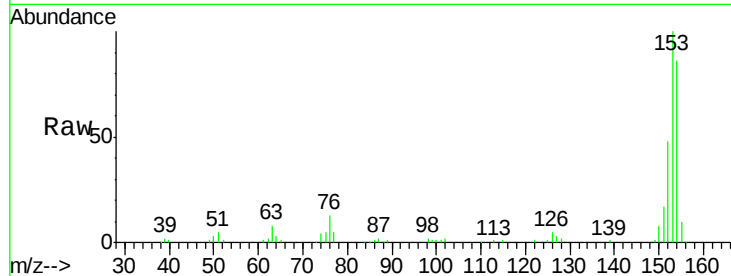




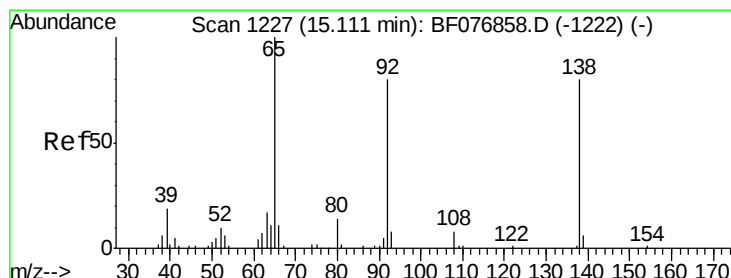
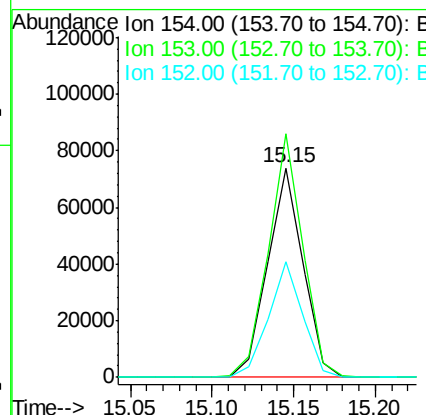
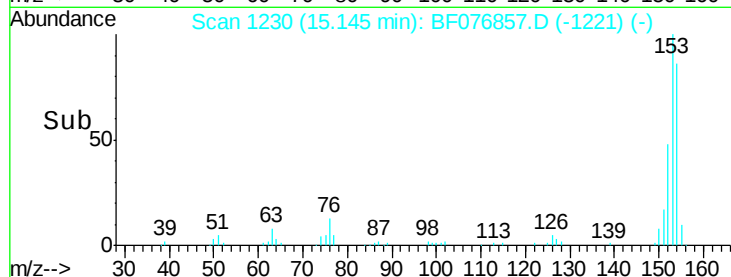
#51
Acenaphthene
Concen: 25.43 ng
RT: 15.15 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 111975
Ion Ratio Lower Upper
154 100
153 116.4 87.0 130.6
152 55.4 43.5 65.3

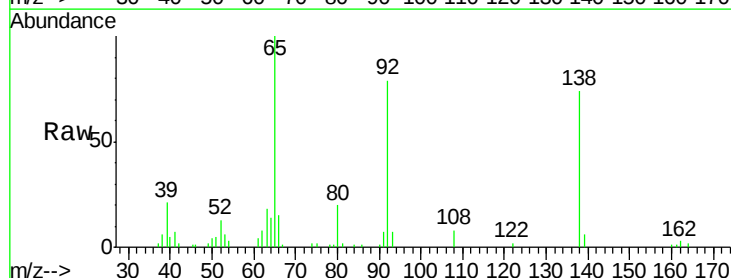


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

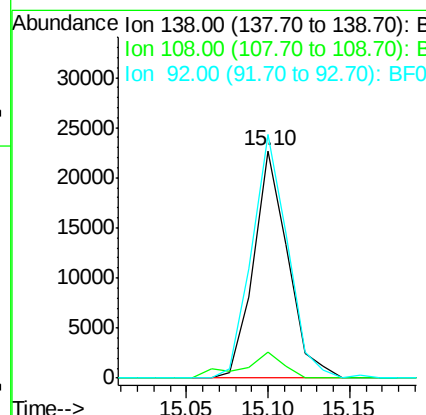
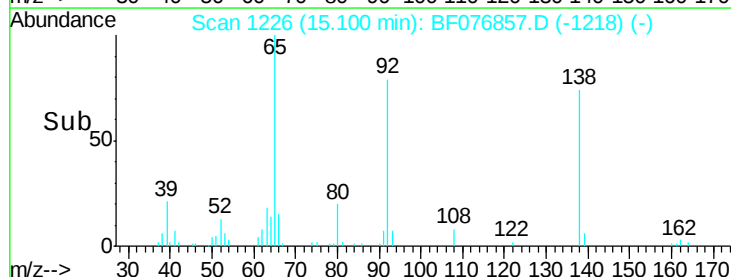


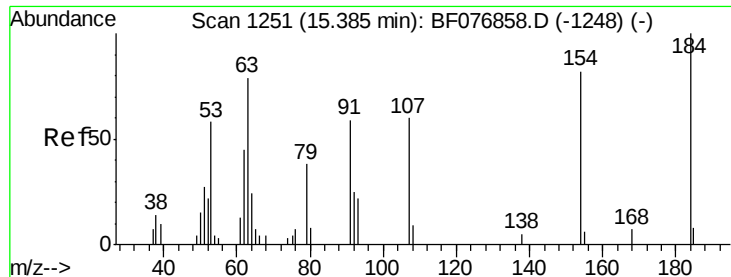
#52
3-Nitroaniline
Concen: 24.96 ng
RT: 15.10 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion:138 Resp: 33106
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 107.2 80.9 121.3



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

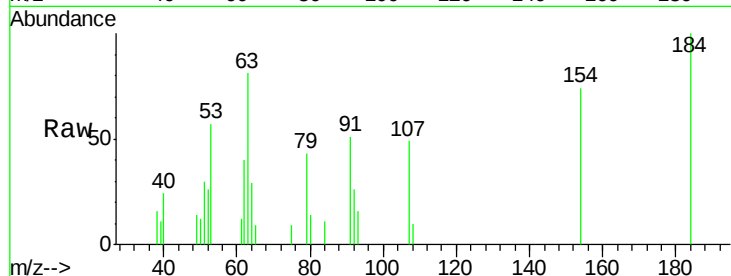




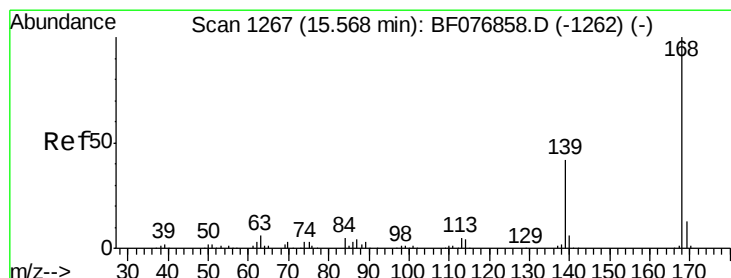
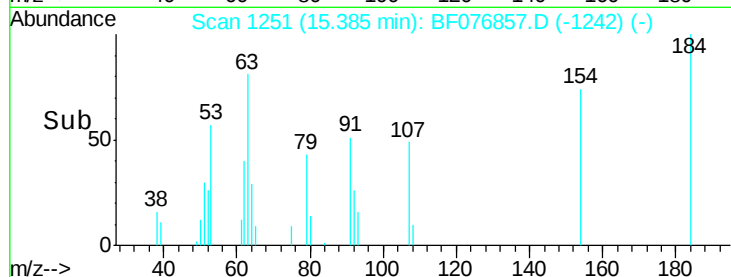
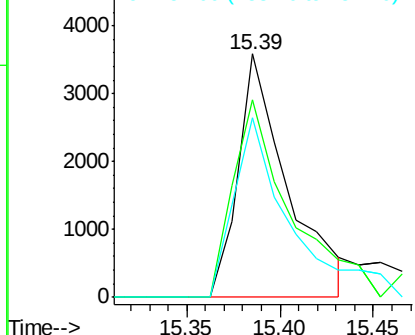
#53
 2,4-Dinitrophenol
 Concen: 22.07 ng
 RT: 15.39 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 6649
 Ion Ratio Lower Upper
 184 100
 63 81.2 63.0 94.6
 154 74.0 65.5 98.3

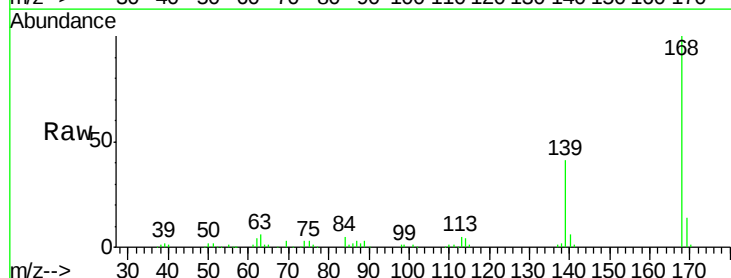


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

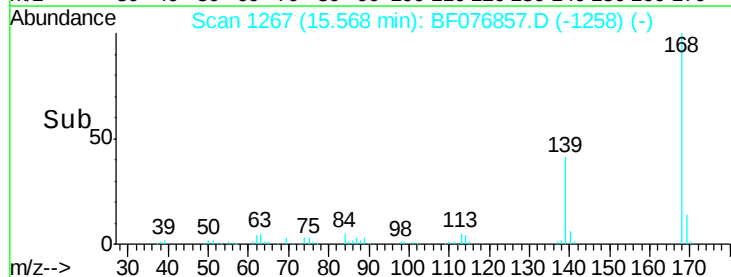
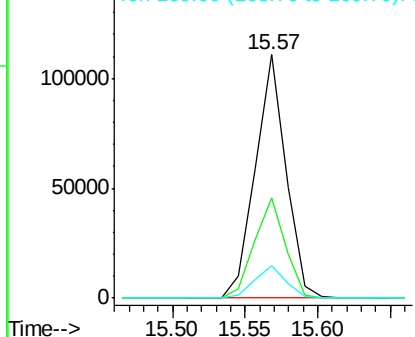


#54
 Dibenzofuran
 Concen: 25.12 ng
 RT: 15.57 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion:168 Resp: 161975
 Ion Ratio Lower Upper
 168 100
 139 41.0 33.4 50.2
 169 13.6 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

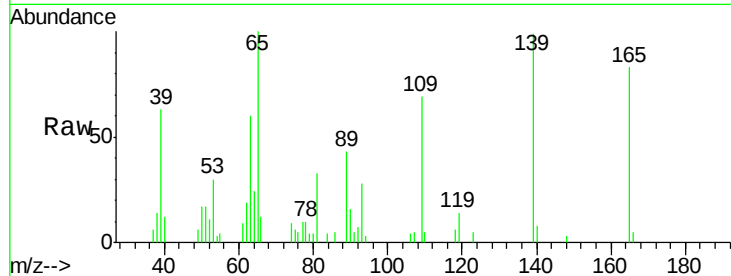




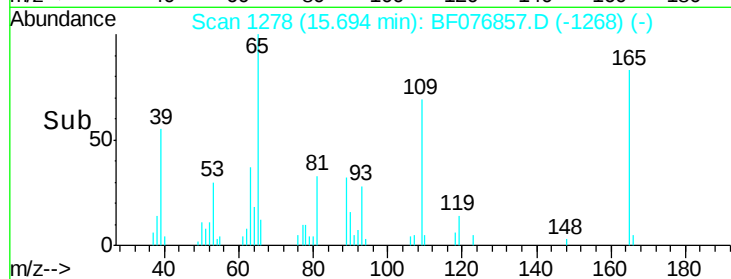
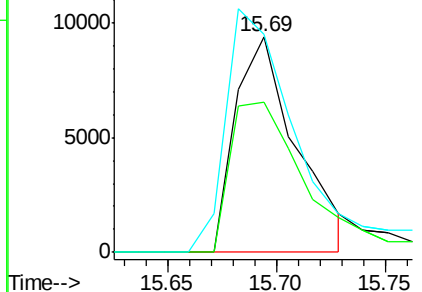
#55
4-Nitrophenol
Concen: 21.40 ng
RT: 15.69 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 18361
Ion Ratio Lower Upper
139 100
109 69.4 61.0 101.0
65 101.0 96.6 136.6

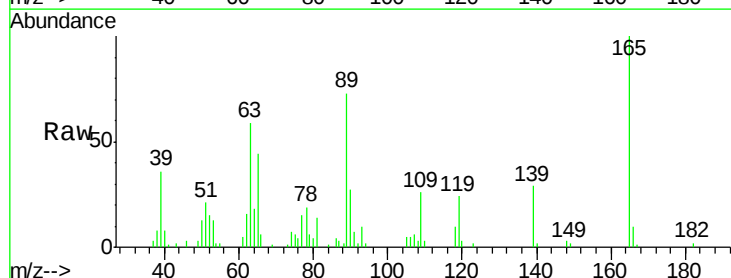


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

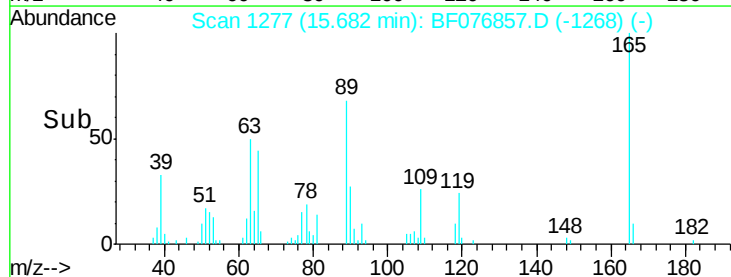
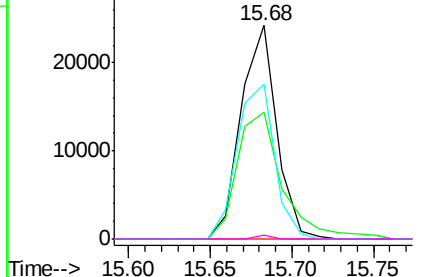


#56
2,4-Dinitrotoluene
Concen: 25.04 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion:165 Resp: 36688
Ion Ratio Lower Upper
165 100
63 59.4 44.8 67.2
89 72.6 56.2 84.2
182 1.7 1.5 2.3



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 25.12 ng

RT: 16.28 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

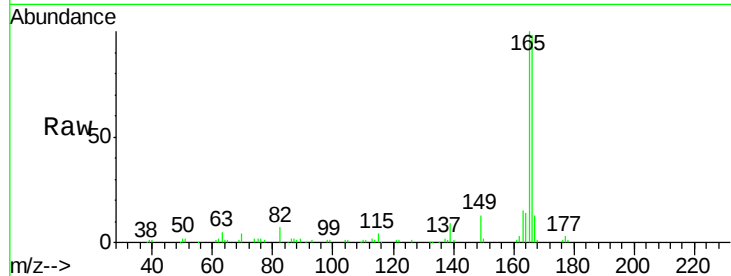
Tot Ion:166 Resp: 135261

Ion Ratio Lower Upper

166 100

165 102.6 78.5 117.7

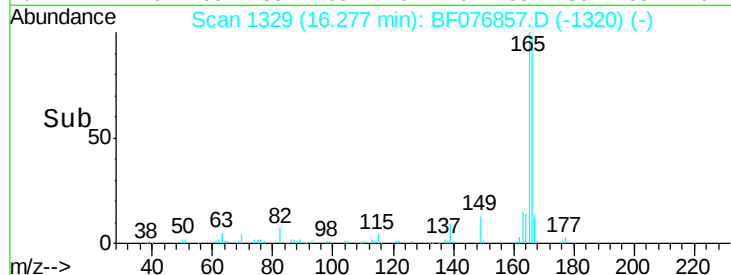
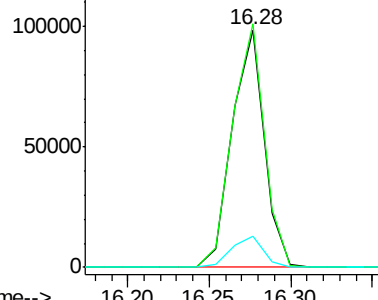
167 12.9 10.4 15.6



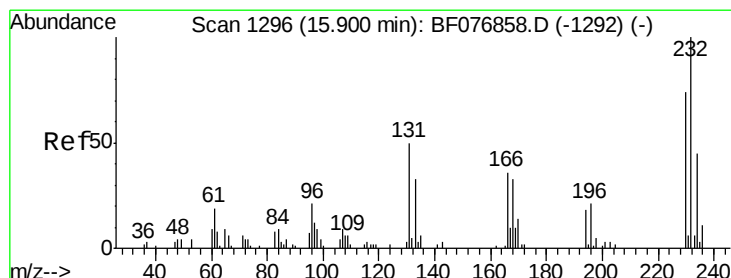
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.00 ng

RT: 15.90 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Tgt Ion:232 Resp: 24600

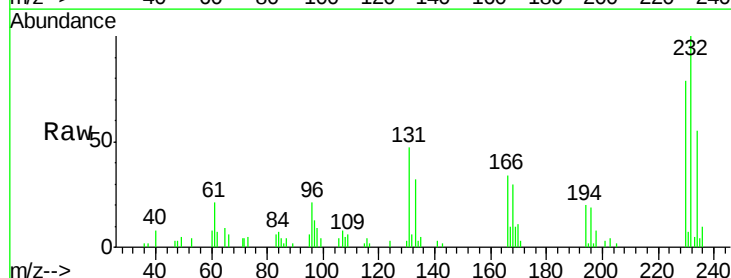
Ion Ratio Lower Upper

232 100

131 61.7 45.0 67.6

130 3.6 2.6 3.8

166 39.1 30.9 46.3

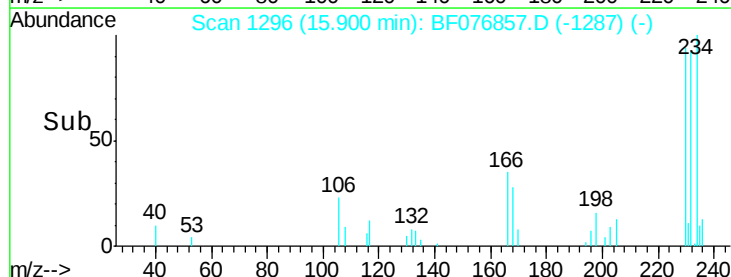
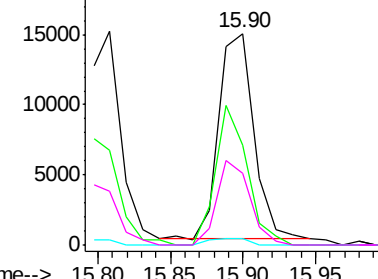


Abundance Ion 232.00 (231.70 to 232.70): E

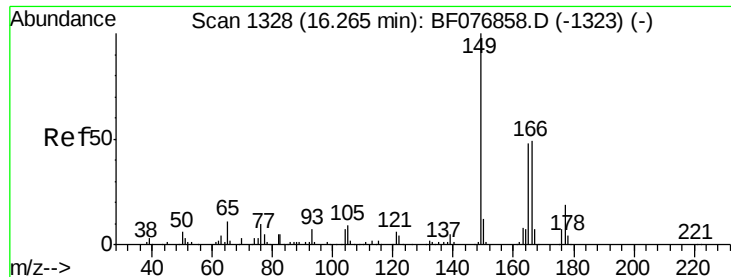
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



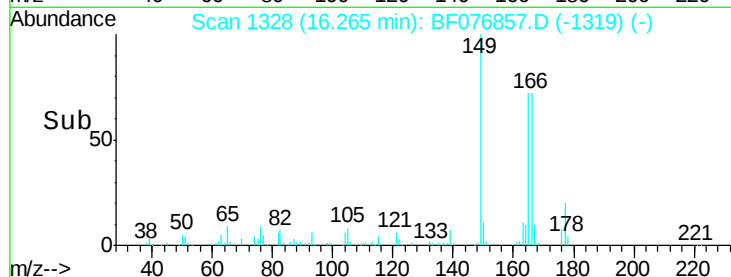
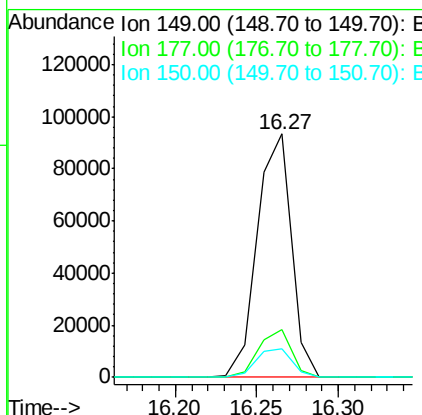
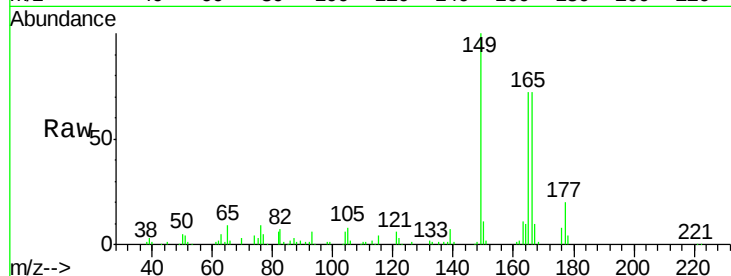
Time-->



#59
Diethylphthalate
Concen: 24.63 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

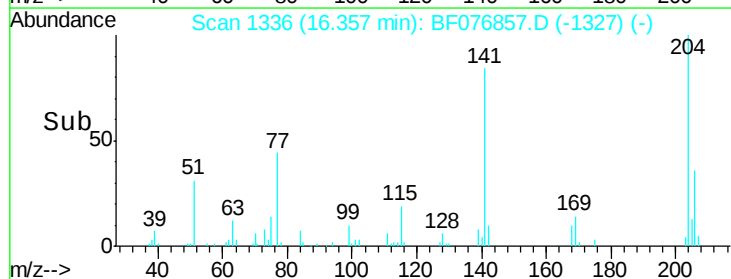
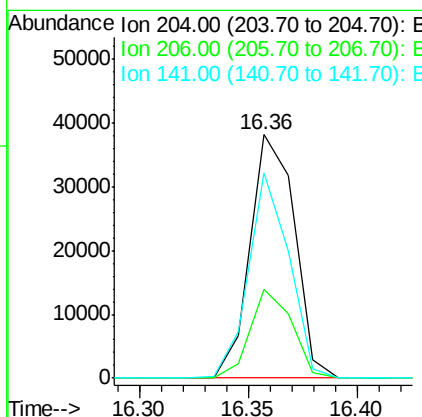
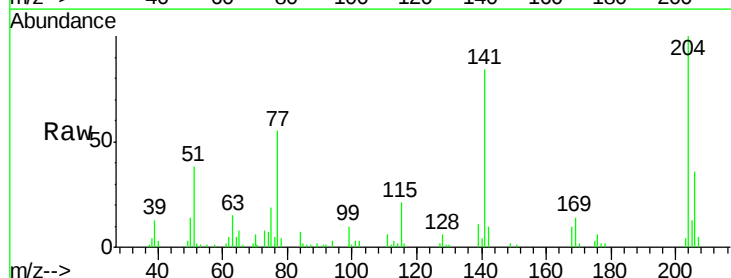
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 136195
Ion Ratio Lower Upper
149 100
177 19.6 15.0 22.6
150 11.5 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 23.72 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion:204 Resp: 54560
Ion Ratio Lower Upper
204 100
206 36.3 24.2 36.2#
141 84.1 66.7 100.1

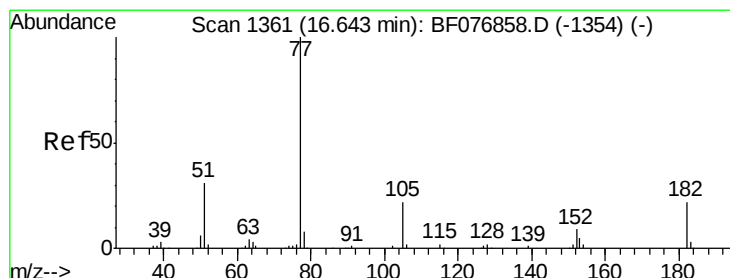
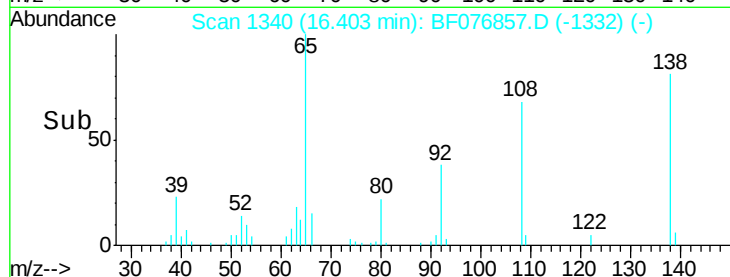
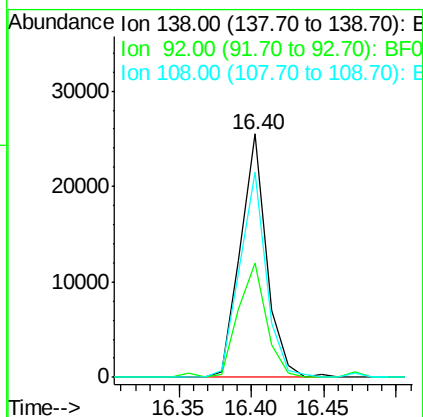
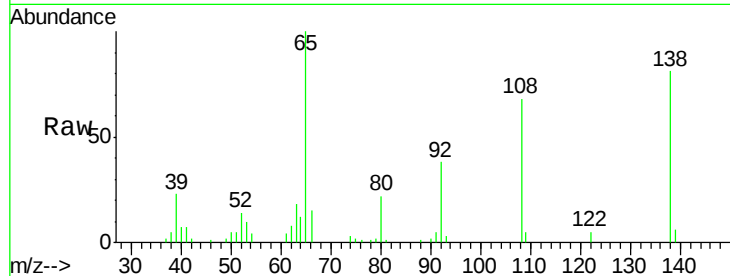




#61
4-Nitroaniline
Concen: 26.49 ng
RT: 16.40 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

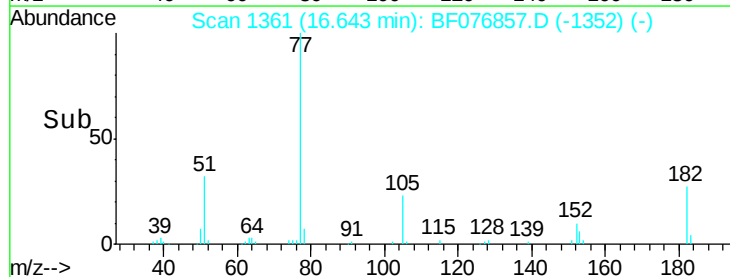
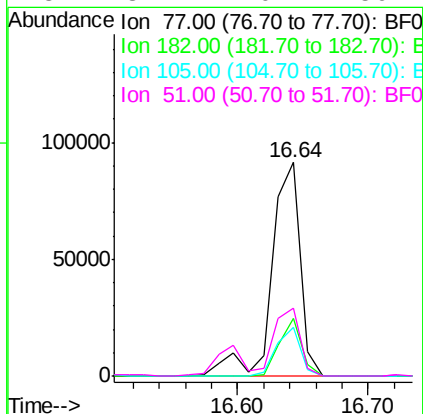
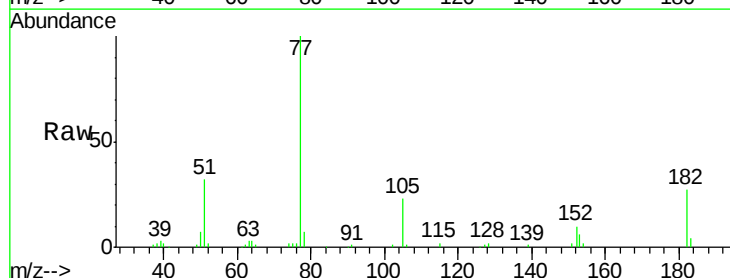
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 32207
Ion Ratio Lower Upper
138 100
92 46.9 26.7 66.7
108 84.5 64.5 104.5



#62
Azobenzene
Concen: 24.76 ng
RT: 16.64 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion: 77 Resp: 140952
Ion Ratio Lower Upper
77 100
182 26.7 2.0 42.0
105 22.6 2.3 42.3
51 31.7 10.7 50.7

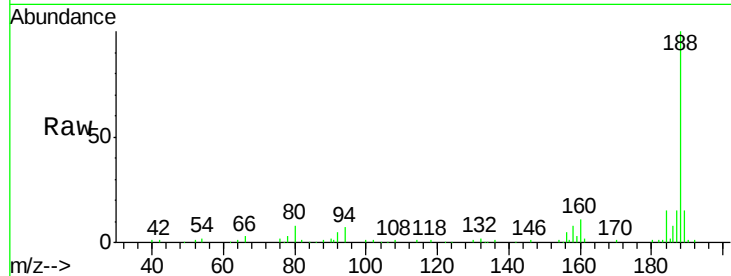




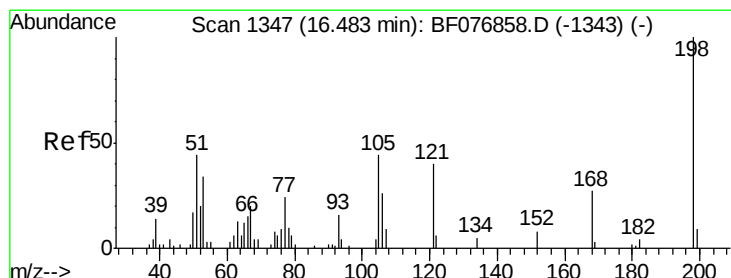
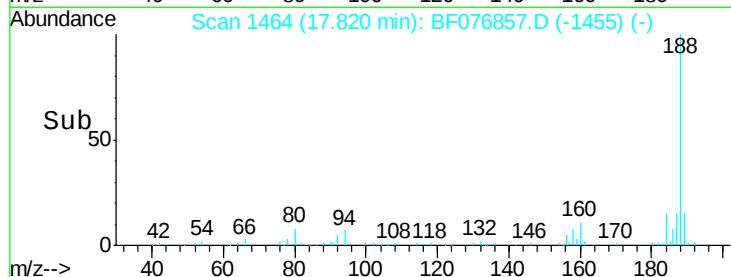
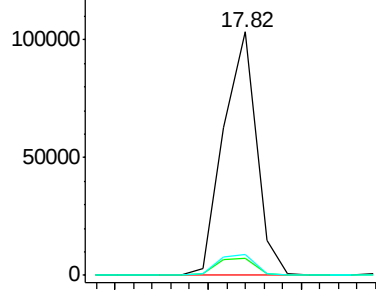
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 126526
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.0 9.0
 80 8.4 6.9 10.3

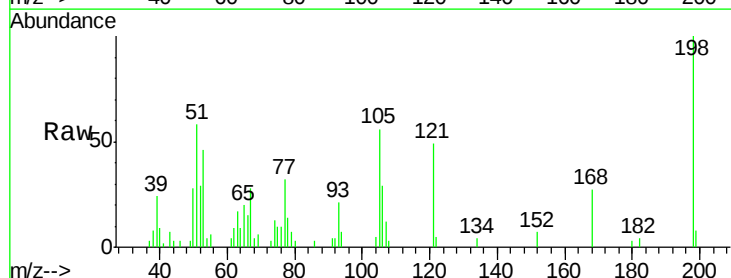


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

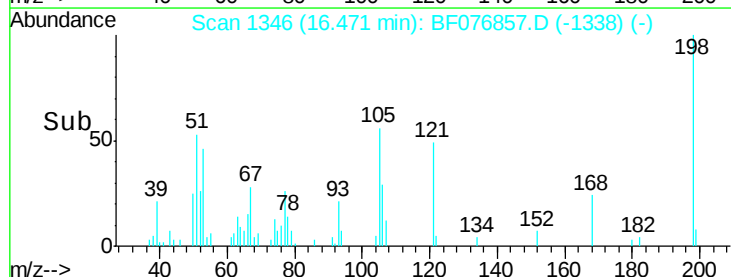
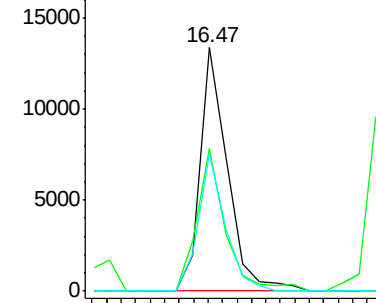


#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.98 ng
 RT: 16.47 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion:198 Resp: 17444
 Ion Ratio Lower Upper
 198 100
 51 58.4 24.2 64.2
 105 56.3 24.0 64.0



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

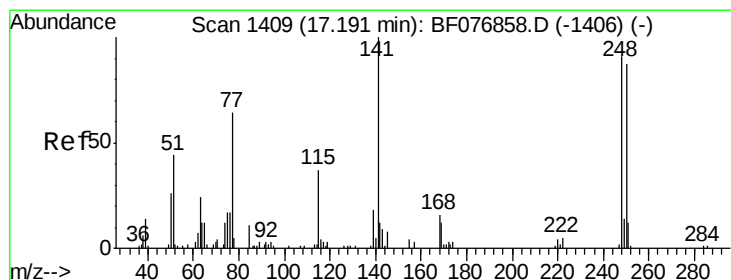
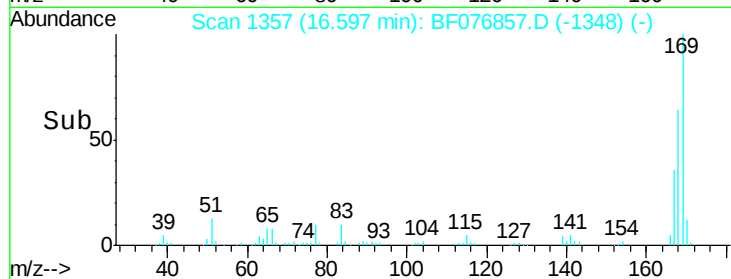
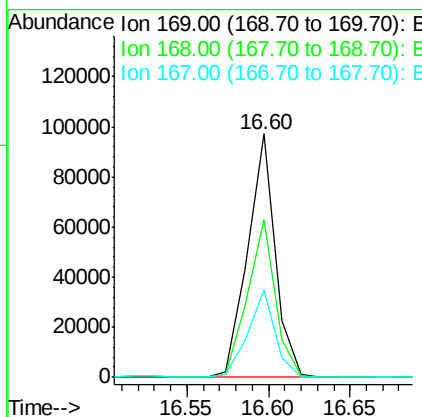
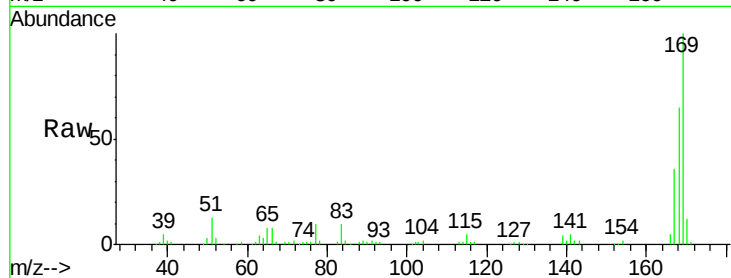




#65
 n-Nitrosodiphenylamine
 Concen: 24.76 ng
 RT: 16.60 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

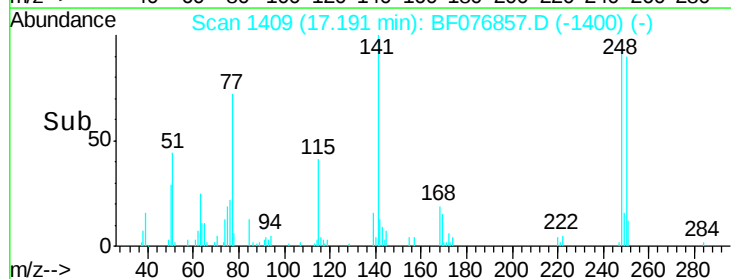
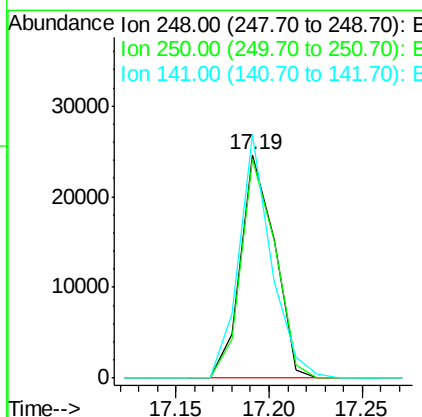
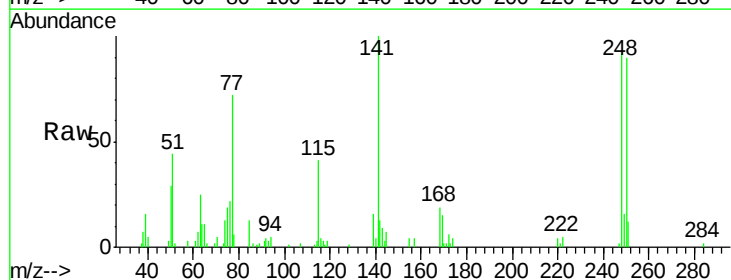
Instrument :
 BNA_F
 ClientSampleId :

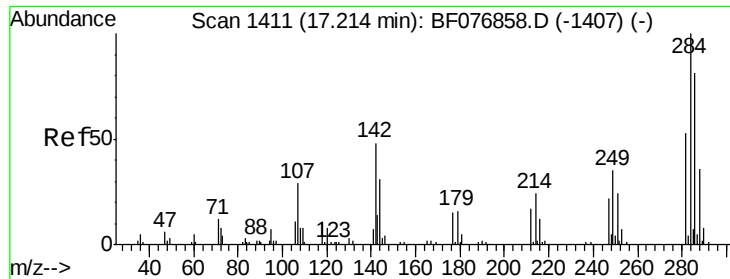
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.9	53.8	80.6
167	35.9	27.8	41.6



#66
 4-Bromophenyl-phenylether
 Concen: 24.03 ng
 RT: 17.19 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.1	115.7
141	108.9	88.2	132.4





#67

Hexachlorobenzene

Concen: 23.91 ng

RT: 17.21 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

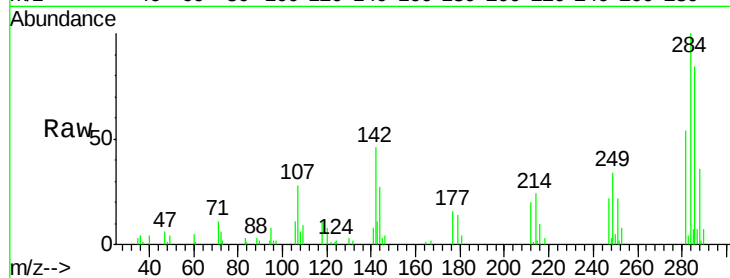
Tot Ion:284 Resp: 32722

Ion Ratio Lower Upper

284 100

142 46.1 38.2 57.4

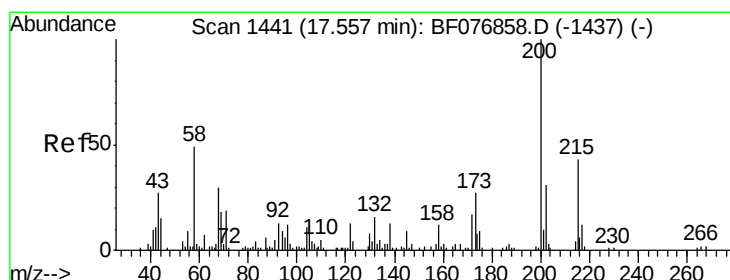
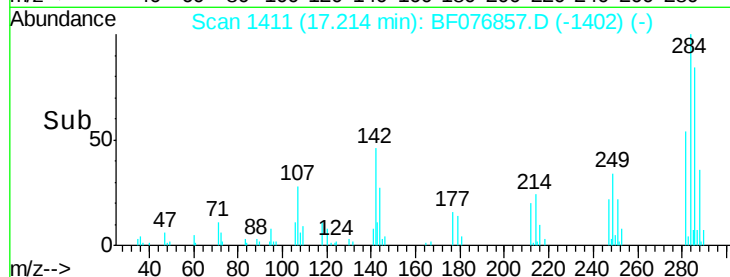
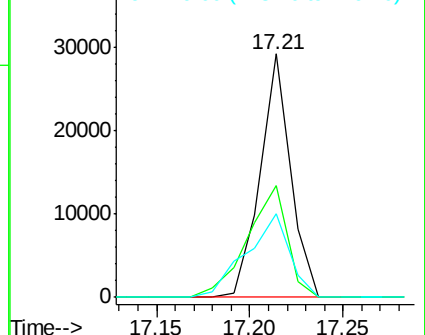
249 34.2 28.2 42.2



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: 26.11 ng

RT: 17.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

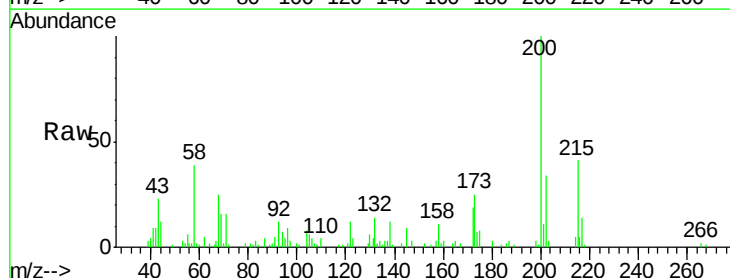
Tgt Ion:200 Resp: 36532

Ion Ratio Lower Upper

200 100

173 24.8 6.6 46.6

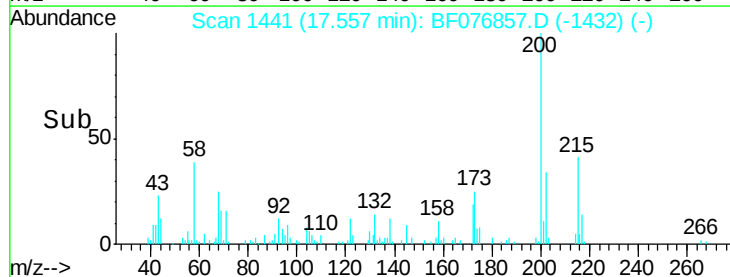
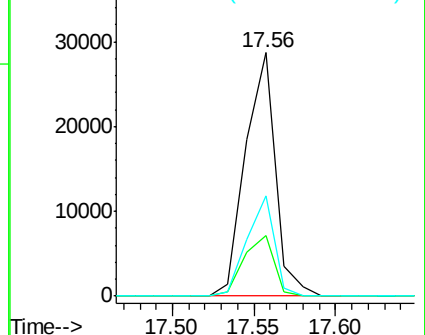
215 41.1 22.9 62.9

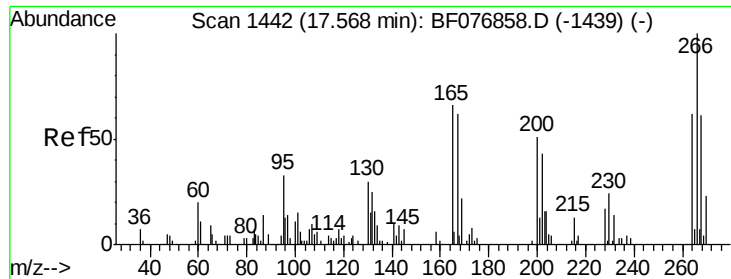


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

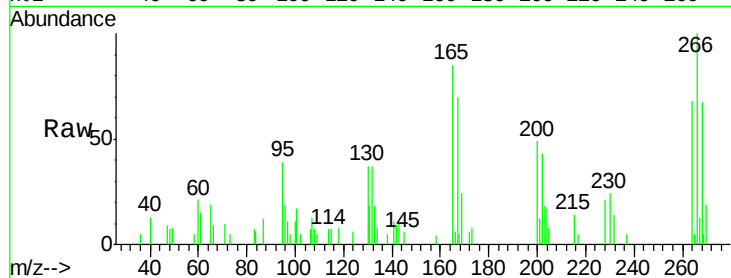




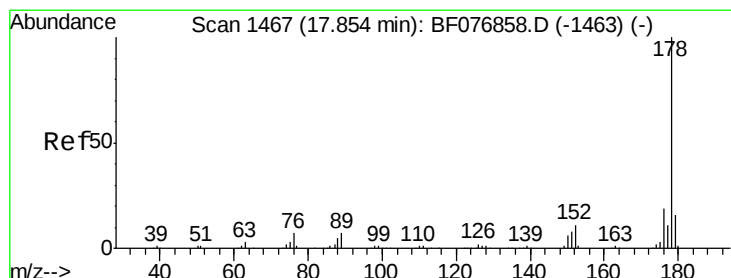
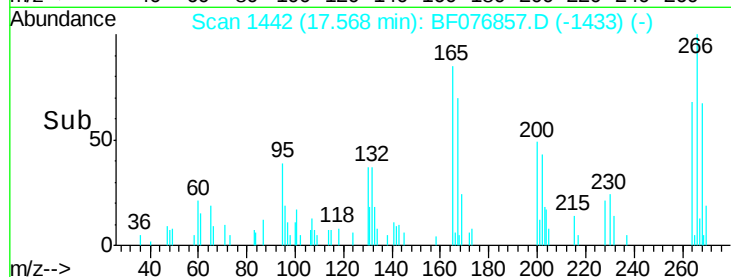
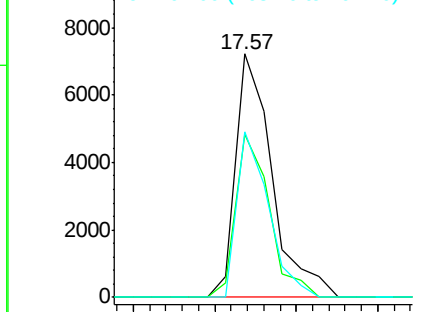
#69
 Pentachlorophenol
 Concen: 23.63 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 11149
 Ion Ratio Lower Upper
 266 100
 268 67.1 48.6 72.8
 264 67.9 49.5 74.3

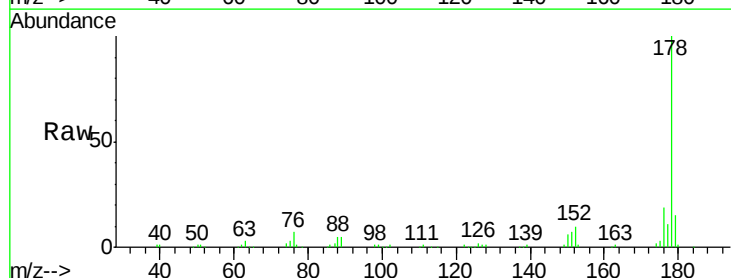


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

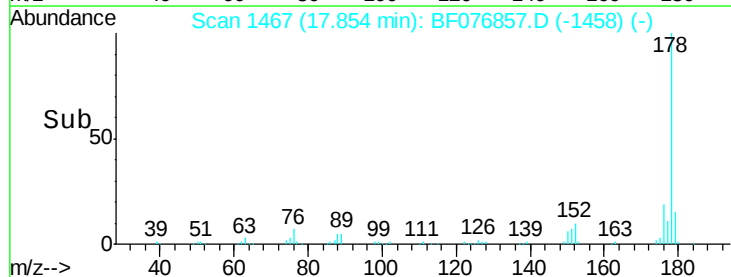
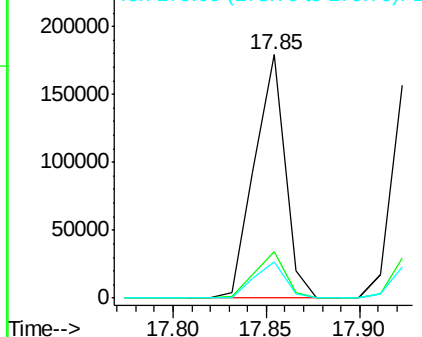


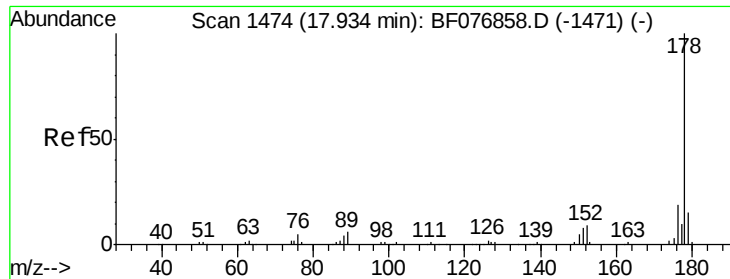
#70
 Phenanthrene
 Concen: 25.86 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion:178 Resp: 203739
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.1 22.7
 179 14.7 12.7 19.1



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

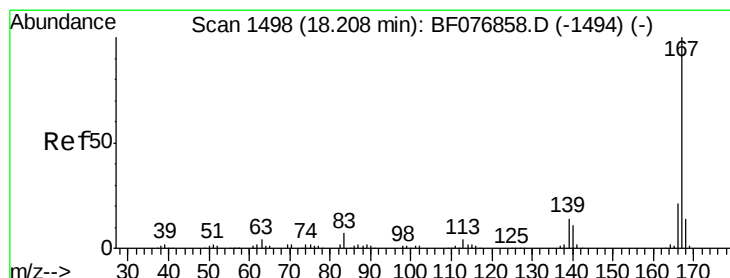
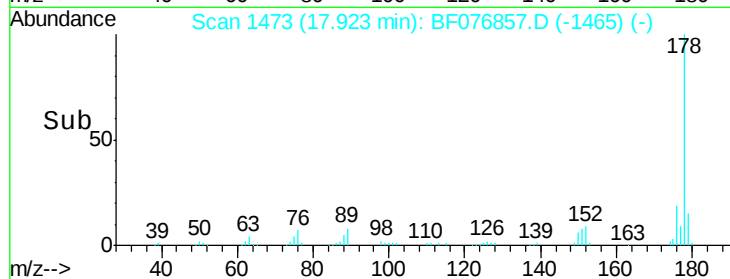
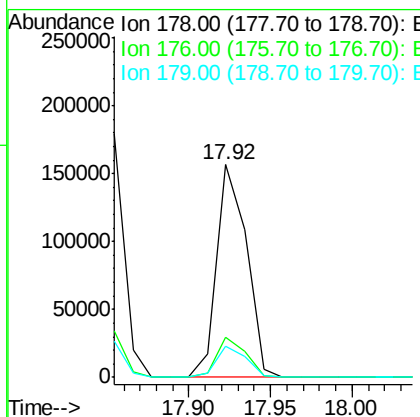
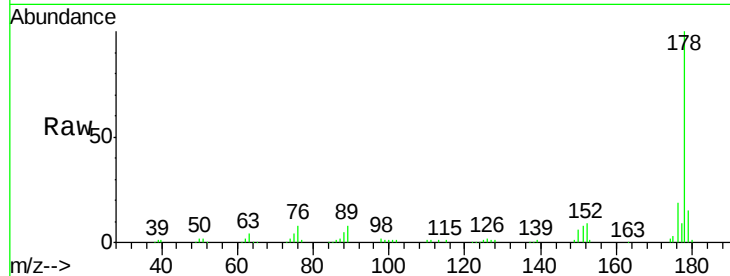




#71
 Anthracene
 Concen: 26.02 ng
 RT: 17.92 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

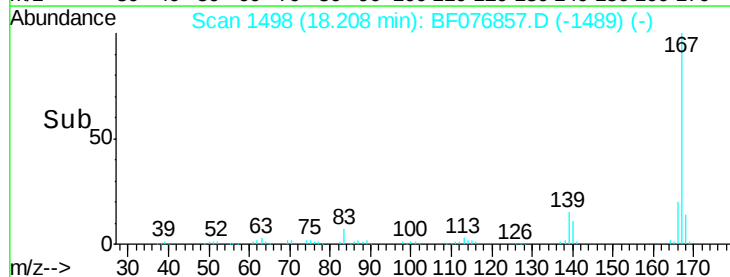
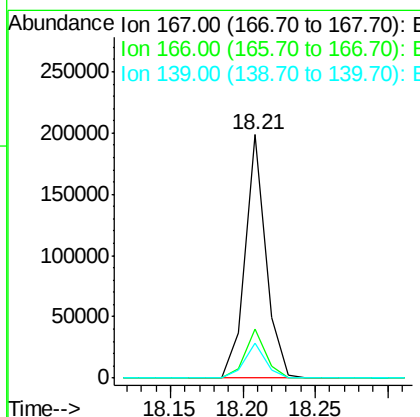
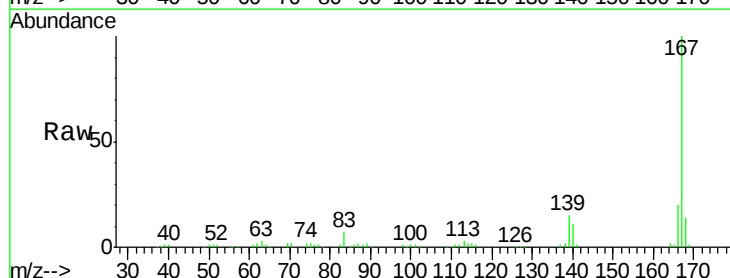
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 198508
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 14.8 11.9 17.9



#72
 Carbazole
 Concen: 26.40 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion:167 Resp: 197974
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.0 25.6
 139 14.6 11.3 16.9





#73

Di-n-butylphthalate

Concen: 25.56 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

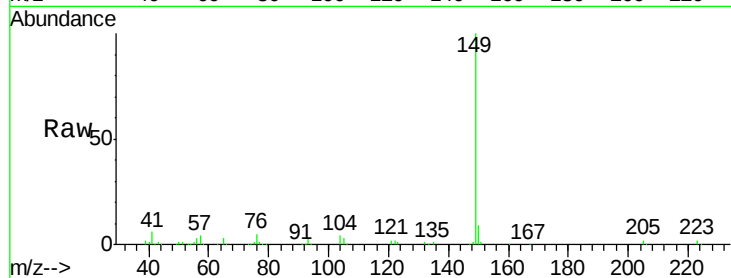
Tot Ion:149 Resp: 226931

Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

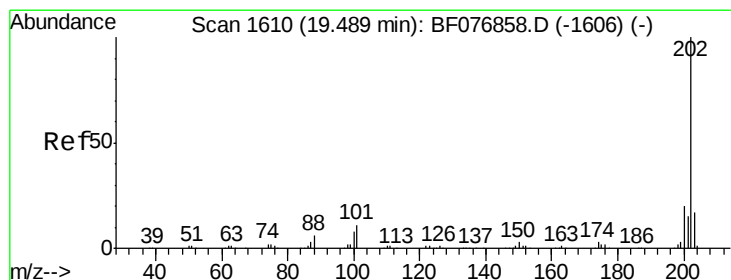
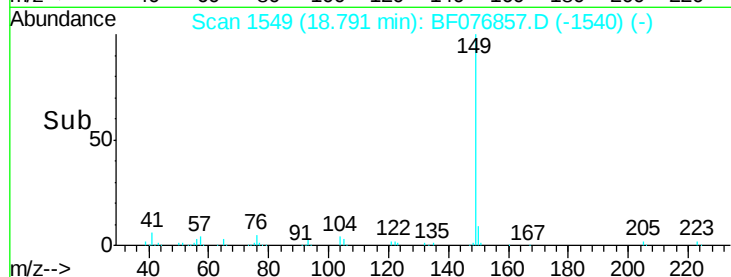
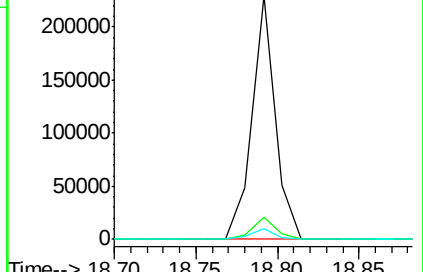
104 4.4 3.7 5.5



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: 25.55 ng

RT: 19.49 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

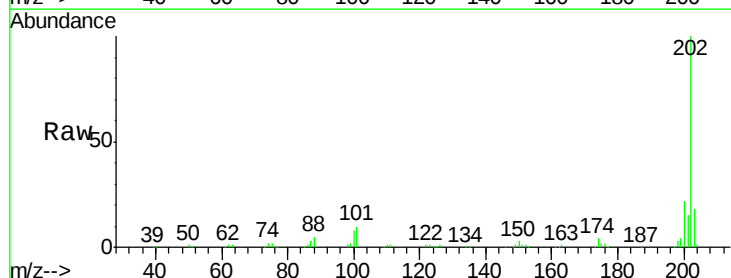
Tgt Ion:202 Resp: 207739

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

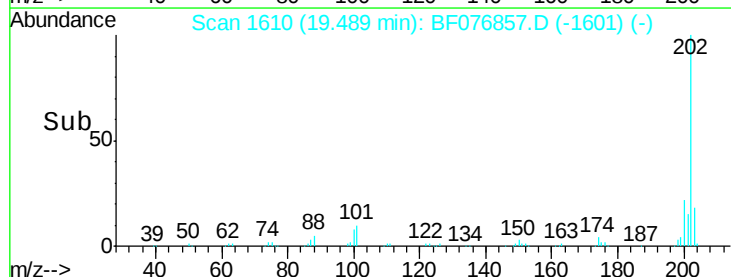
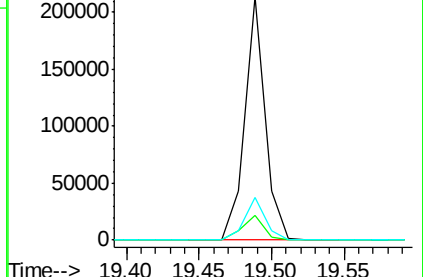
203 17.6 0.0 36.9

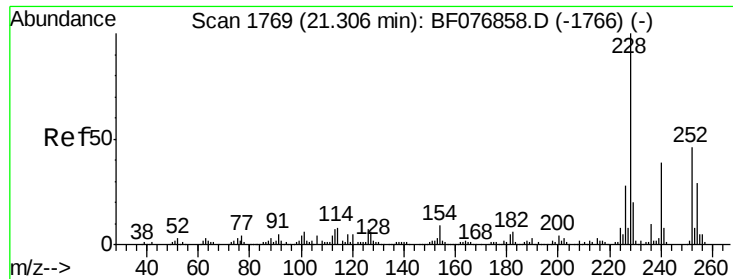


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

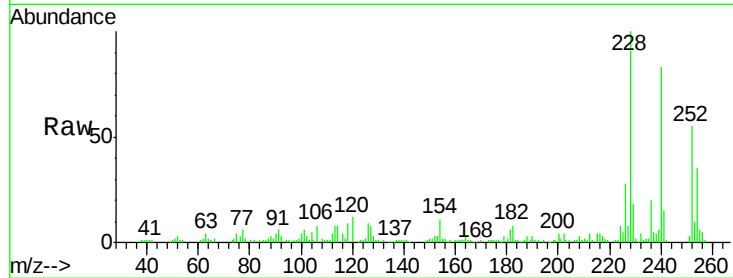
Tot Ion:240 Resp: 130342

Ion Ratio Lower Upper

240 100

120 13.9 10.4 15.6

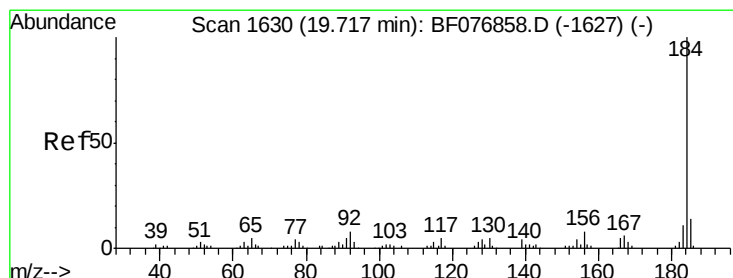
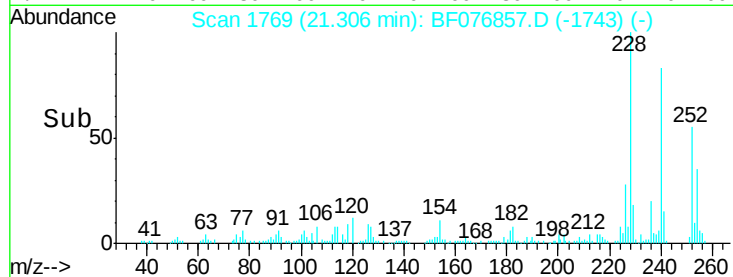
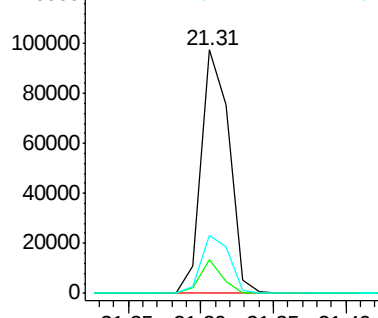
236 23.8 20.2 30.2



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: 29.26 ng

RT: 19.72 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

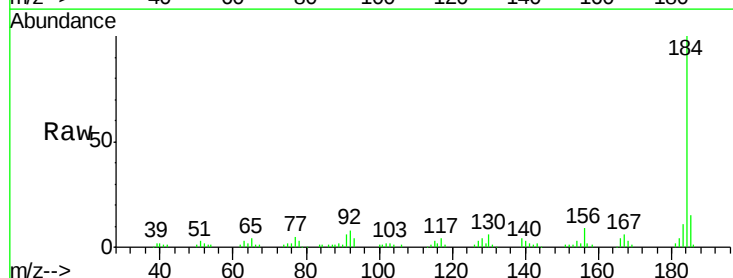
Tgt Ion:184 Resp: 121267

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.2

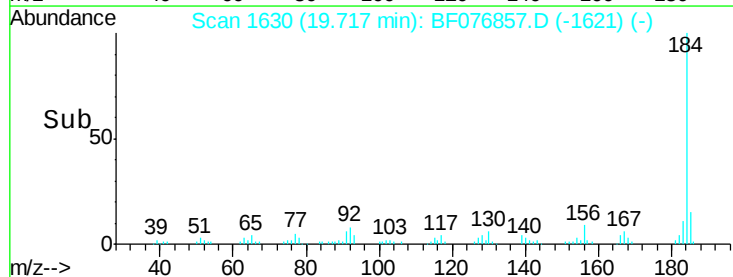
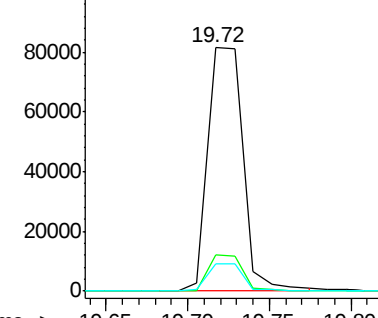
183 11.3 9.0 13.6

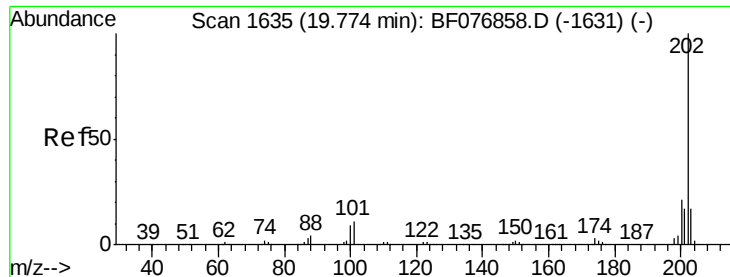


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

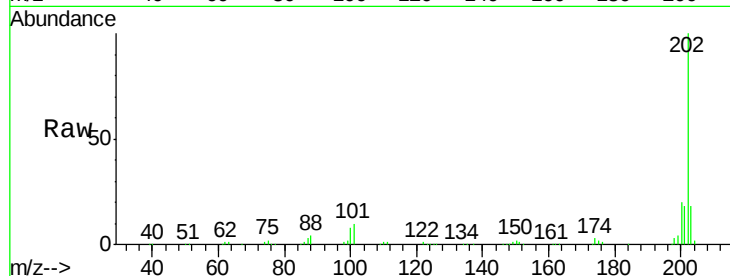




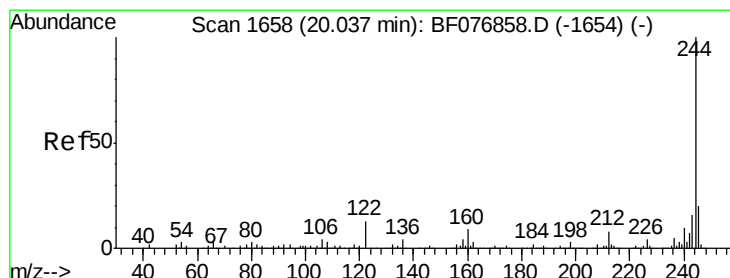
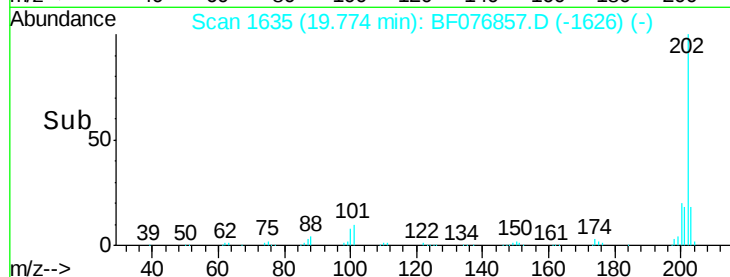
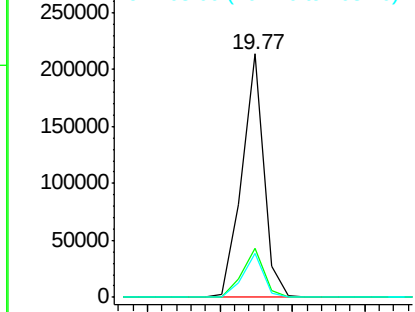
#77
 Pvrene
 Concen: 23.77 ng
 RT: 19.77 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.7	25.1
203	18.0	14.0	21.0

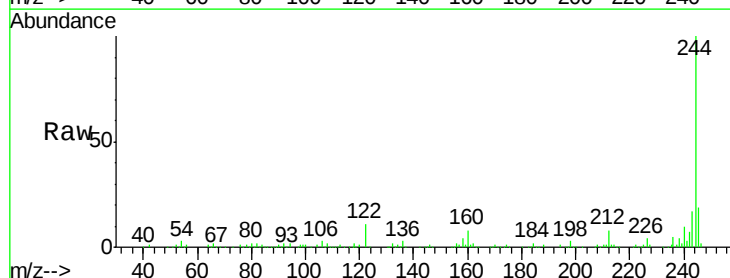


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

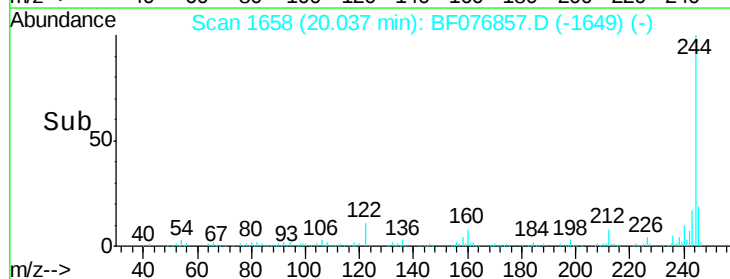
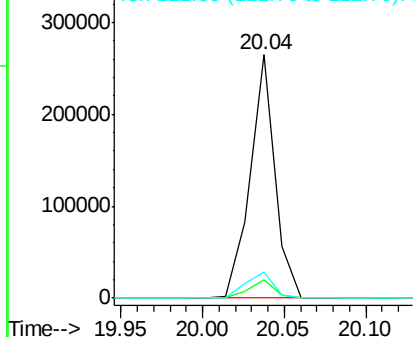


#78
 Terphenyl-d14
 Concen: 47.00 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	10.8	10.1	15.1



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

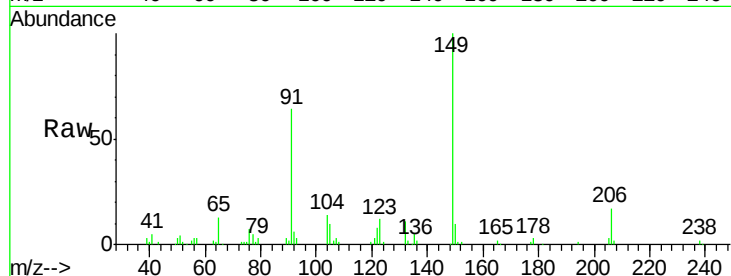




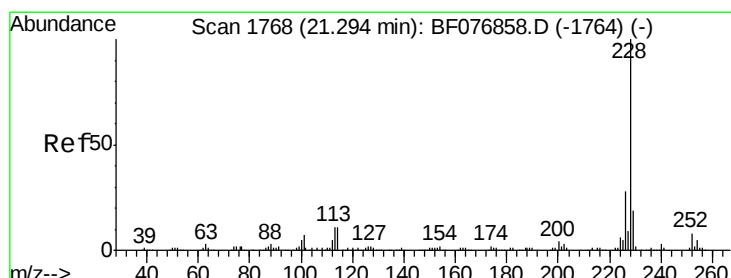
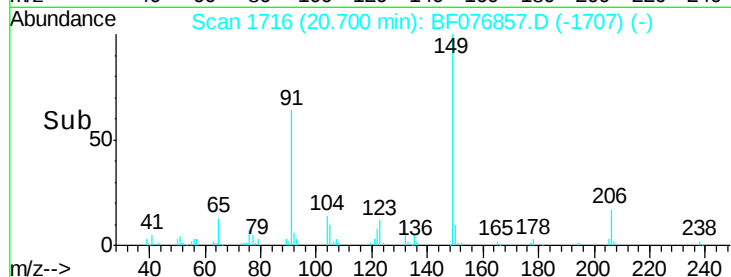
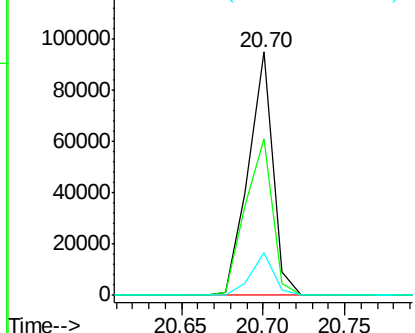
#79
Butylbenzylphthalate
Concen: 22.89 ng
RT: 20.70 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 99642
Ion Ratio Lower Upper
149 100
91 64.1 50.6 76.0
206 17.4 12.8 19.2

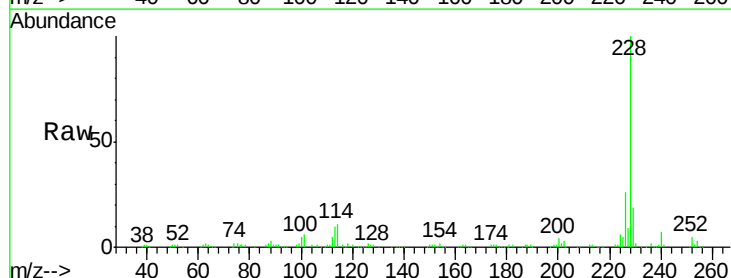


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

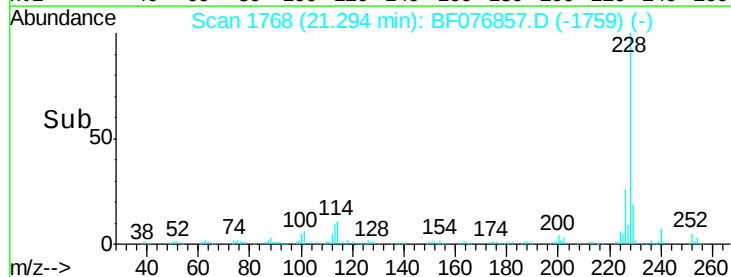
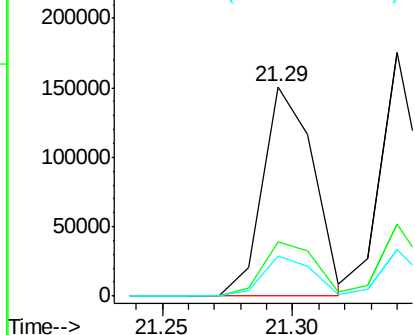


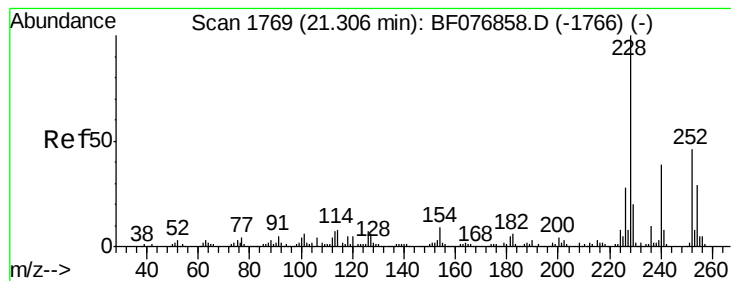
#80
Benzo(a)anthracene
Concen: 24.38 ng
RT: 21.29 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion:228 Resp: 203575
Ion Ratio Lower Upper
228 100
226 26.2 22.1 33.1
229 19.3 15.5 23.3



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

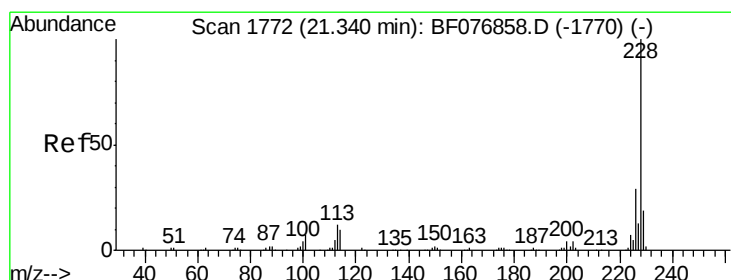
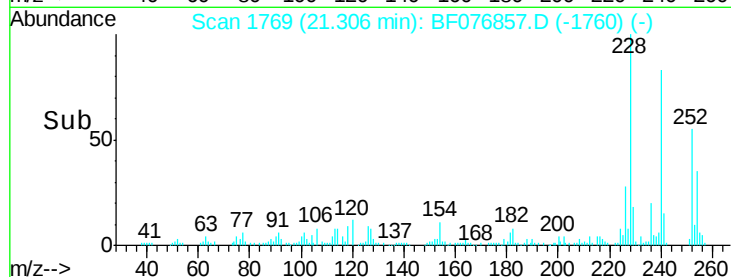
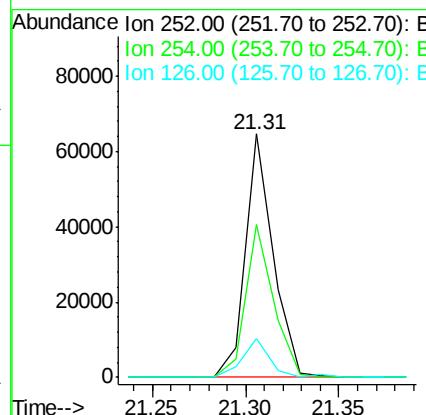
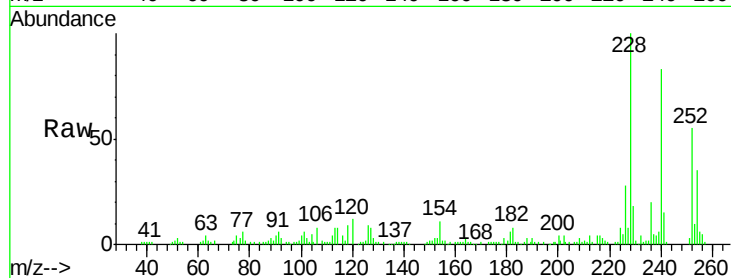




#81
 3,3'-Dichlorobenzidine
 Concen: 25.09 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

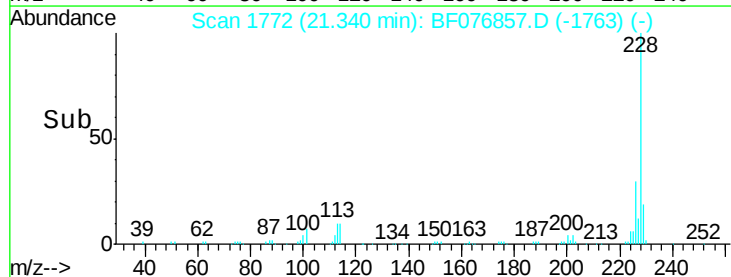
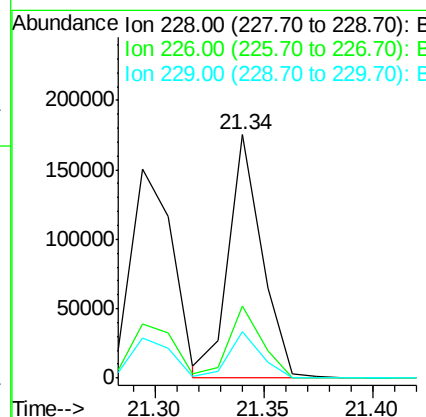
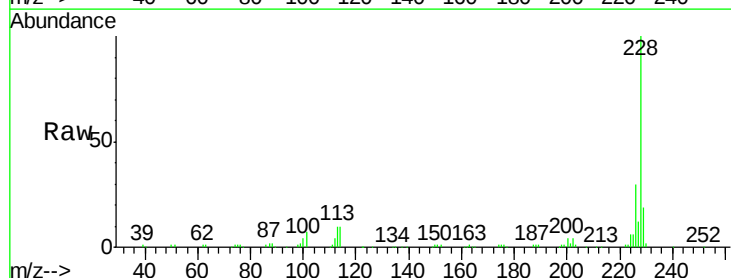
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 66979
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.2 75.4
 126 16.2 11.5 17.3



#82
 Chrysene
 Concen: 24.50 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion:228 Resp: 185196
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.4 35.0
 229 19.2 15.4 23.0

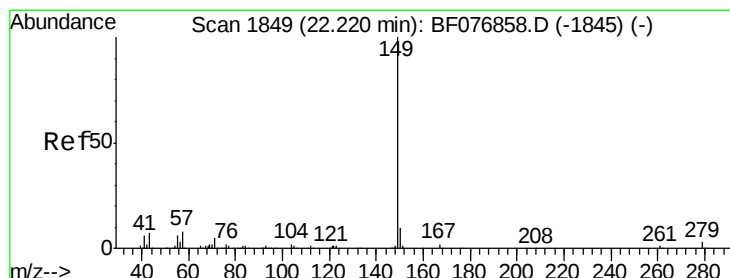
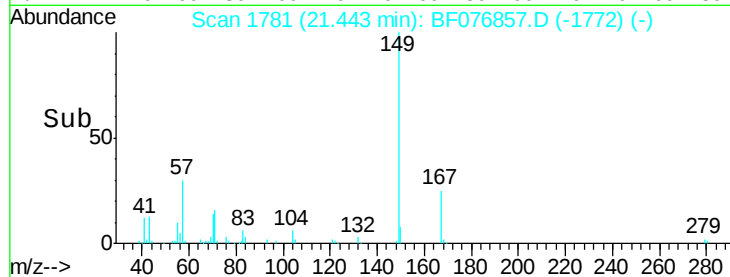
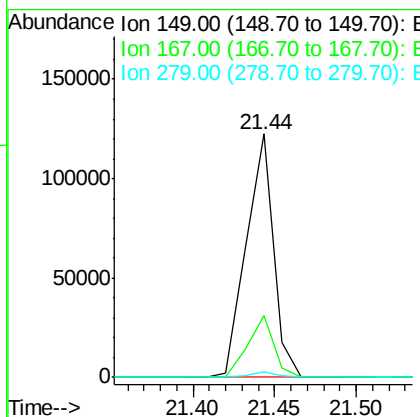
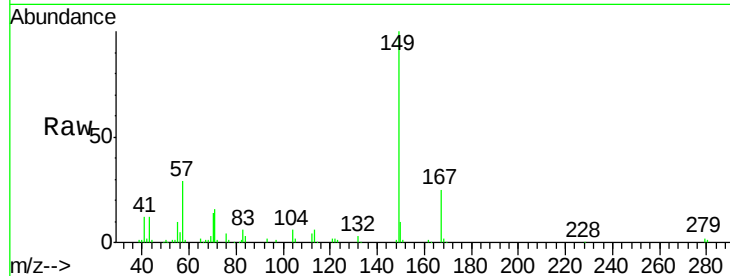




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.49 ng
 RT: 21.44 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

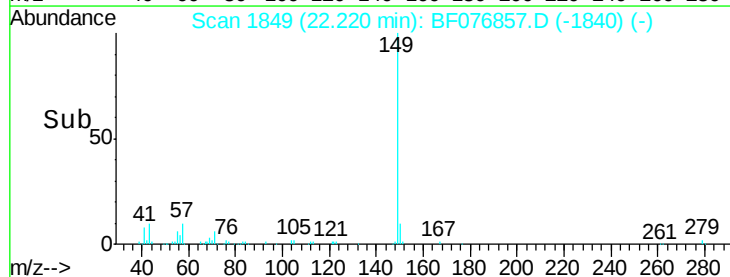
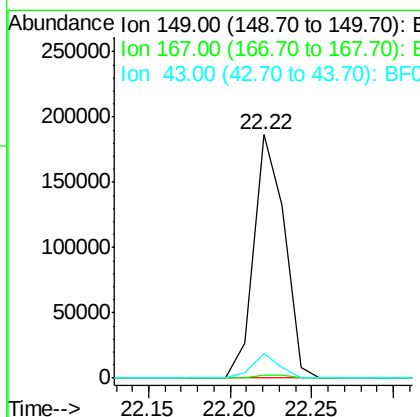
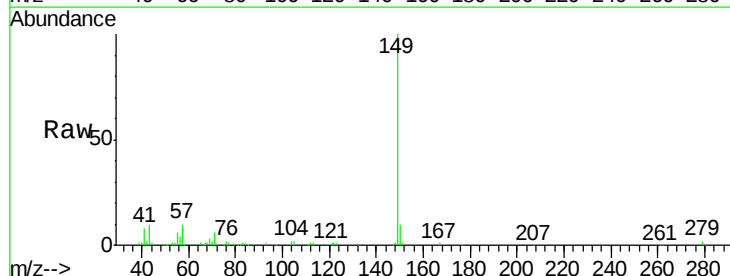
Instrument :
 BNA_F
 ClientSampleId :

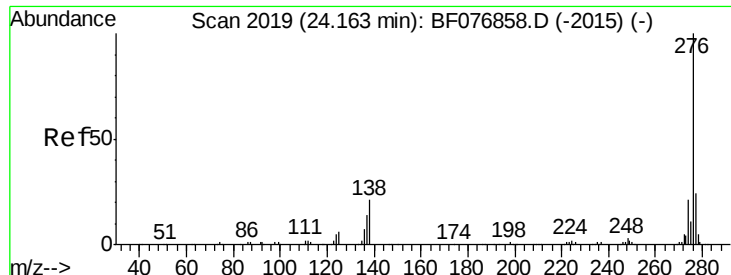
Tot Ion	149	Resp	141501
Ion Ratio	100	Lower	Upper
149	100		
167	25.2	20.6	30.8
279	2.3	2.2	3.2



#84
 Di-n-octyl phthalate
 Concen: 23.90 ng
 RT: 22.22 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion	149	Resp	243855
Ion Ratio	100	Lower	Upper
149	100		
167	1.2	1.1	1.7
43	9.0	6.6	10.0

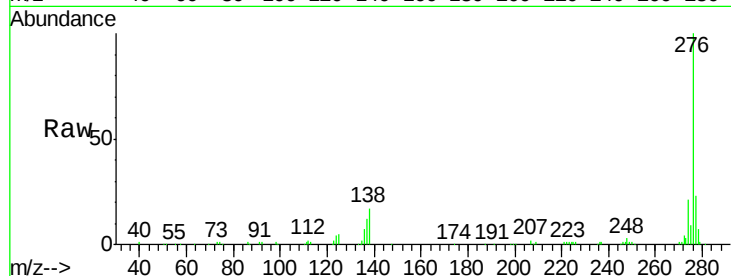




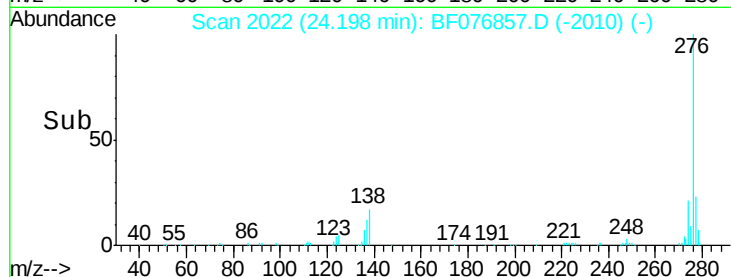
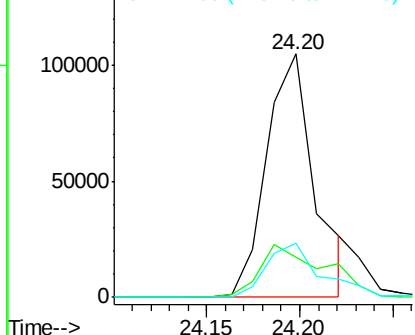
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.76 ng
 RT: 24.20 min Scan# 2022
 Delta R.T. 0.03 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 187587
 Ion Ratio Lower Upper
 276 100
 138 21.9 14.6 22.0
 277 23.8 14.8 22.2#

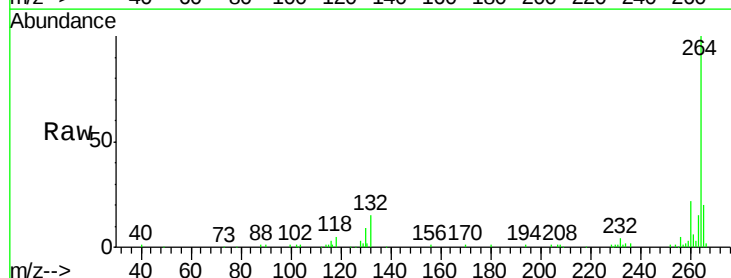


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

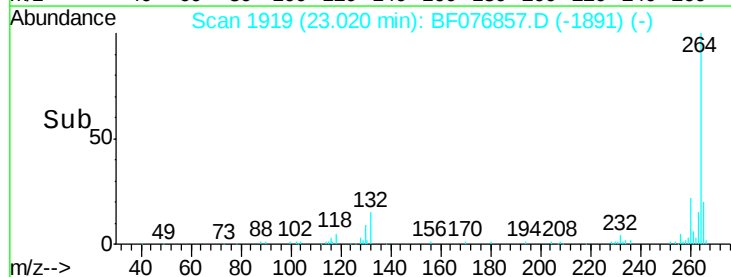
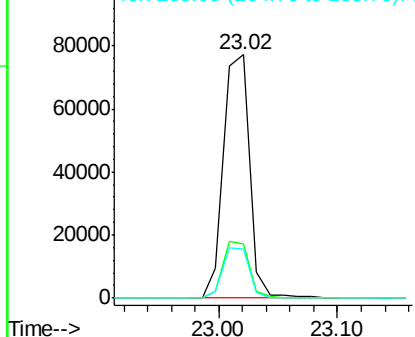


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.02 min Scan# 1919
 Delta R.T. 0.02 min
 Lab File: BF076857.D
 Acq: 14 Jan 2015 13:41

Tgt Ion:264 Resp: 117560
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.0 28.4
 265 20.4 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

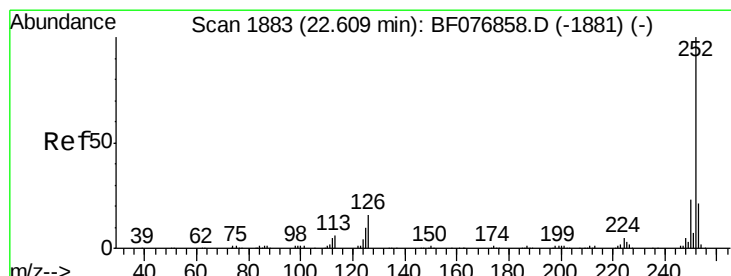
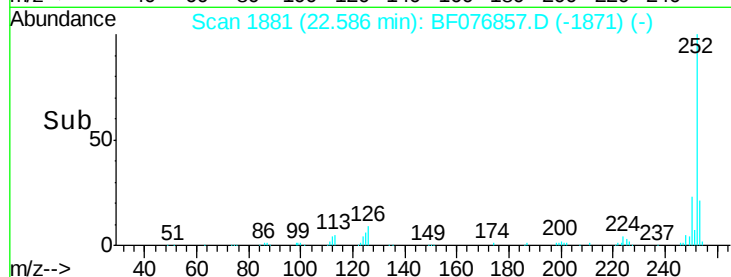
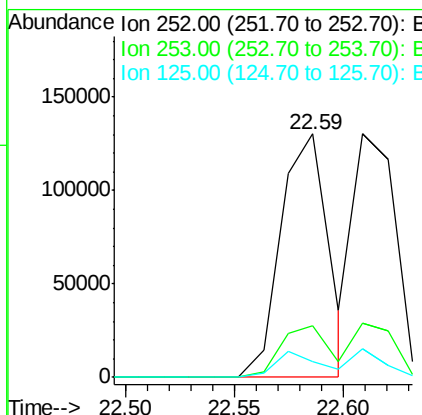
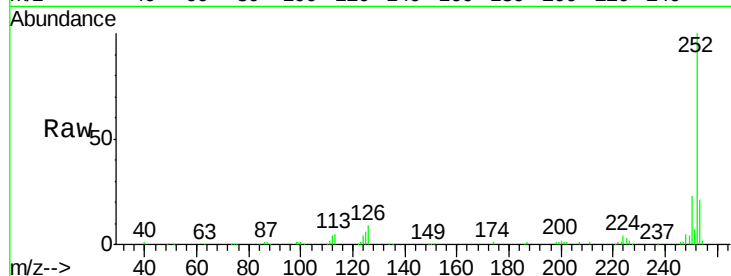




#87
Benzo(b)fluoranthene
Concen: 25.33 ng
RT: 22.59 min Scan# 1881
Delta R.T. 0.01 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

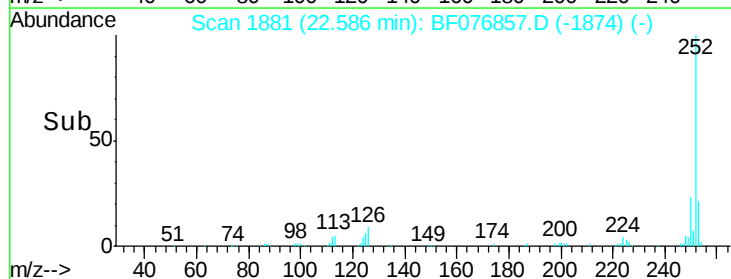
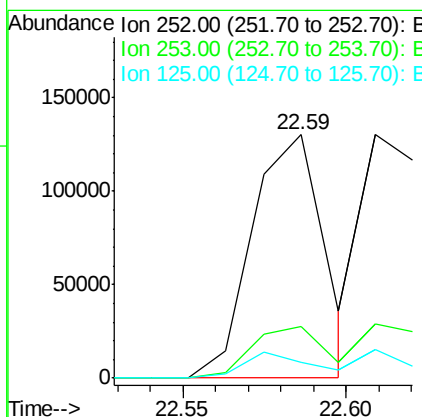
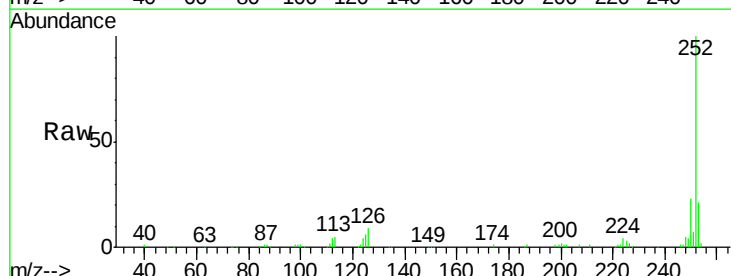
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 199278
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 6.4 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 27.37 ng
RT: 22.59 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion:252 Resp: 198102
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 6.4 7.1 10.7#

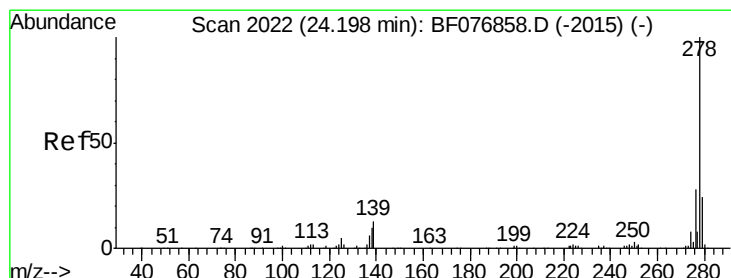
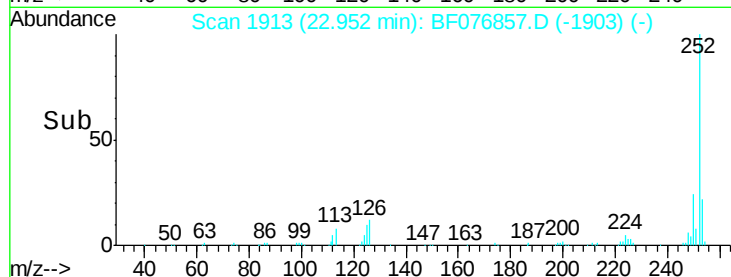
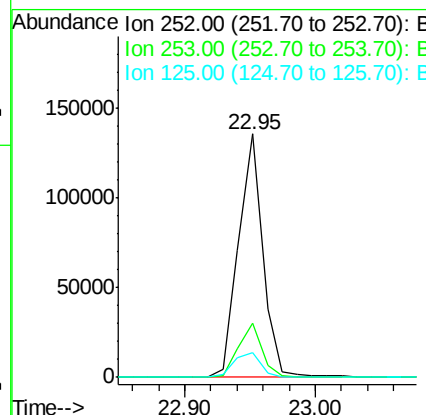
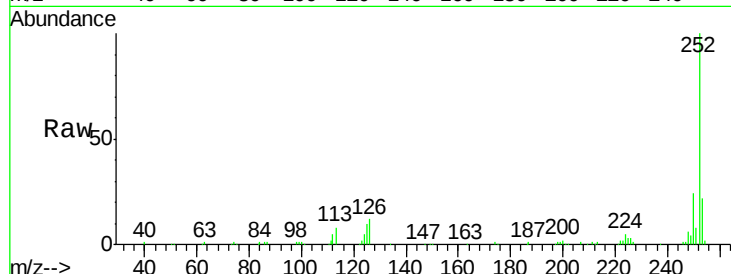




#89
Benzo(a)pyrene
Concen: 25.27 ng
RT: 22.95 min Scan# 1913
Delta R.T. 0.01 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

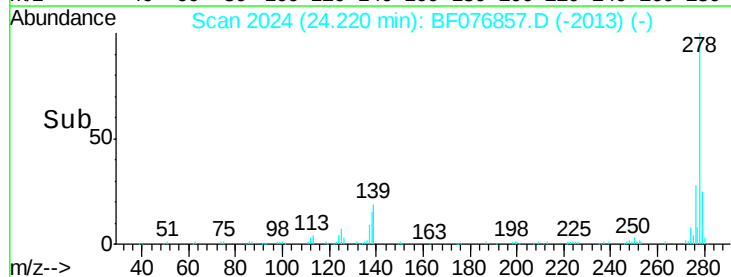
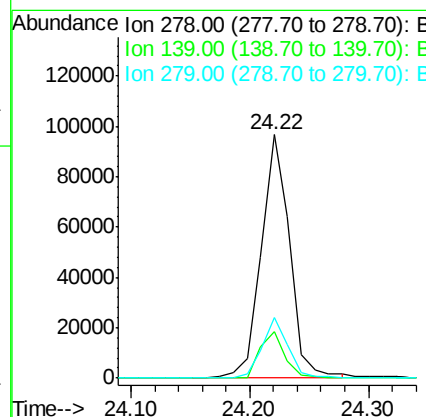
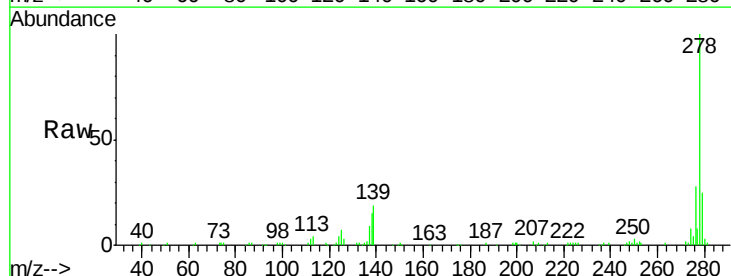
Instrument :
BNA_F
ClientSampleId :

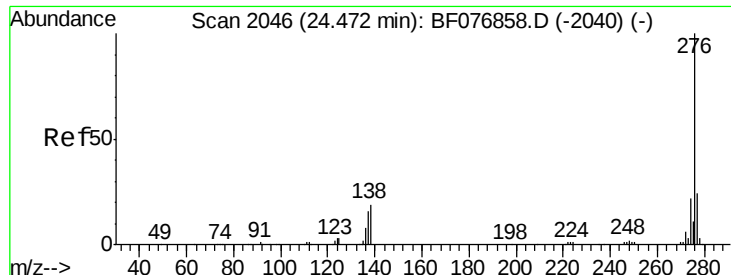
Tot Ion:252 Resp: 175598
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.4 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 25.32 ng
RT: 24.22 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF076857.D
Acq: 14 Jan 2015 13:41

Tgt Ion:278 Resp: 160999
Ion Ratio Lower Upper
278 100
139 19.3 10.5 15.7#
279 24.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 25.47 ng

RT: 24.49 min Scan# 2048

Delta R.T. 0.02 min

Lab File: BF076857.D

Acq: 14 Jan 2015 13:41

Instrument :

BNA_F

ClientSampleId :

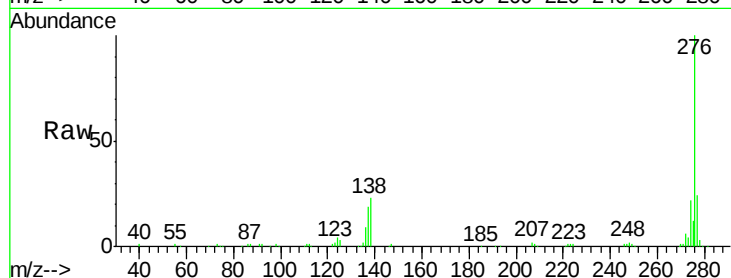
Tot Ion:276 Resp: 164901

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 22.7 15.0 22.6#



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

