

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078854.D
 Acq On : 30 Apr 2015 17:30
 Operator : TP/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 18:10:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 17:23:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	79911	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	329327	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	156838	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	301311	20.00	ng	0.00
75) Chrysene-d12	16.29	240	325374	20.00	ng	-0.01
86) Perylene-d12	18.10	264	328365	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	228988	52.63	ng	0.00
7) Phenol-d6	6.91	99	308387	53.07	ng	-0.01
23) Nitrobenzene-d5	8.06	82	284679	62.24	ng	-0.01
41) 2,4,6-Tribromophenol	12.10	330	84045	61.63	ng	-0.01
44) 2-Fluorobiphenyl	10.30	172	594586	51.92	ng	0.00
78) Terphenyl-d14	14.97	244	698615	51.13	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	49665	24.88	ng	# 7
3) Pyridine	3.12	79	142006	24.09	ng	95
4) n-Nitrosodimethylamine	3.03	42	57969	21.89	ng	94
6) Aniline	6.96	93	218465	25.74	ng	100
8) 2-Chlorophenol	7.10	128	129776	25.95	ng	96
9) Benzaldehyde	6.82	77	106277	25.34	ng	98
10) Phenol	6.94	94	170196	24.78	ng	91
11) bis(2-Chloroethyl)ether	7.05	93	126723	24.95	ng	97
12) 1,3-Dichlorobenzene	7.29	146	144324	24.86	ng	97
13) 1,4-Dichlorobenzene	7.39	146	148908	25.05	ng	99
14) 1,2-Dichlorobenzene	7.58	146	143140	25.77	ng	99
15) Benzyl Alcohol	7.54	79	111695	25.79	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.72	45	199156	25.08	ng	99
17) 2-Methylphenol	7.68	107	101769	25.14	ng	96
18) Hexachloroethane	8.00	117	51492	26.22	ng	94
19) n-Nitroso-di-n-propylamine	7.88	70	104292	25.72	ng	# 84
20) 3+4-Methylphenols	7.87	107	142807	27.08	ng	92
22) Acetophenone	7.87	105	192218	26.35	ng	# 94
24) Nitrobenzene	8.08	77	141586	28.90	ng	99
25) Isophorone	8.38	82	261667	25.30	ng	97
26) 2-Nitrophenol	8.48	139	59328	45.88	ng	95
27) 2,4-Dimethylphenol	8.54	122	116341	25.36	ng	93
28) bis(2-Chloroethoxy)methane	8.66	93	167078	26.17	ng	99
29) 2,4-Dichlorophenol	8.76	162	105684	26.95	ng	94
30) 1,2,4-Trichlorobenzene	8.88	180	114500	25.43	ng	98
31) Naphthalene	8.97	128	386728	24.74	ng	99
32) Benzoic acid	8.60	122	58486	42.01	ng	99
33) 4-Chloroaniline	9.04	127	164763	25.05	ng	95
34) Hexachlorobutadiene	9.13	225	66995	26.37	ng	97
35) Caprolactam	9.46	113	33136	26.54	ng	95
36) 4-Chloro-3-methylphenol	9.64	107	111258	27.02	ng	85
37) 2-Methylnaphthalene	9.84	142	270172	25.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	109521	24.65	ng	# 100
40) Hexachlorocyclopentadiene	10.02	237	55808	29.88	ng	98

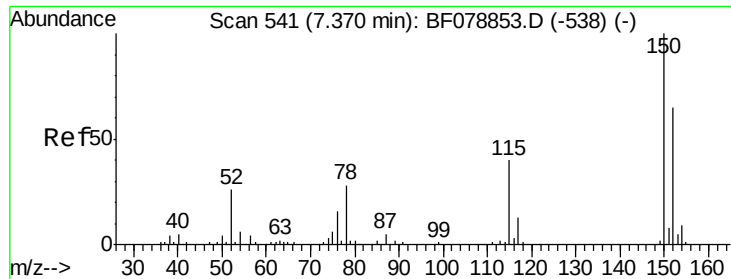
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078854.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 17:23:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.18	196	79078	29.21	nq	95
43) 2,4,5-Trichlorophenol	10.22	196	76846	26.67	nq #	86
45) 1,1'-Biphenyl	10.42	154	311791	24.77	nq	96
46) 2-Chloronaphthalene	10.43	162	238103	24.21	nq	97
47) 2-Nitroaniline	10.56	65	70470	32.80	nq	91
48) Acenaphthylene	10.95	152	405155	25.17	nq	100
49) Dimethylphthalate	10.80	163	288741	25.90	nq	99
50) 2,6-Dinitrotoluene	10.87	165	54909	30.23	nq	89
51) Acenaphthene	11.17	154	238333	25.21	nq	99
52) 3-Nitroaniline	11.07	138	75204	31.91	nq #	90
53) 2,4-Dinitrophenol	11.20	184	13341	52.89	nq #	81
54) Dibenzofuran	11.38	168	352796	25.44	nq	99
55) 4-Nitrophenol	11.27	139	54211	33.55	nq #	76
56) 2,4-Dinitrotoluene	11.37	165	73038	34.85	nq #	65
57) Fluorene	11.81	166	288142	25.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.53	232	63138	29.26	nq #	100
59) Diethylphthalate	11.68	149	296604	26.73	nq	98
60) 4-Chlorophenyl-phenylether	11.82	204	129102	26.17	nq	97
61) 4-Nitroaniline	11.83	138	76774	32.03	nq	94
62) Azobenzene	12.01	77	295930	26.16	nq	97
64) 4,6-Dinitro-2-methylphenol	11.86	198	25488	53.54	nq #	81
65) n-Nitrosodiphenylamine	11.97	169	253761	26.05	nq	96
66) 4-Bromophenyl-phenylether	12.42	248	76492	25.15	nq	95
67) Hexachlorobenzene	12.48	284	88230	25.61	nq	98
68) Atrazine	12.63	200	72805	27.90	nq	100
69) Pentachlorophenol	12.73	266	41318	28.81	nq	98
70) Phenanthrene	13.01	178	418331	25.64	nq	100
71) Anthracene	13.06	178	412551	25.86	nq	99
72) Carbazole	13.27	167	402658	26.73	nq	99
73) Di-n-butylphthalate	13.71	149	472337	27.07	nq	99
74) Fluoranthene	14.48	202	442855	27.22	nq	98
76) Benzidine	14.66	184	210819	20.02	nq	100
77) Pyrene	14.77	202	476853	25.08	nq	99
79) Butylbenzylphthalate	15.59	149	201258	27.61	nq	98
80) Benzo(a)anthracene	16.27	228	444290	25.45	nq	99
81) 3,3'-Dichlorobenzidine	16.25	252	161390	27.16	nq #	98
82) Chrysene	16.32	228	422322	24.82	nq	99
83) Bis(2-ethylhexyl)phthalate	16.33	149	320886	27.42	nq #	96
84) Di-n-octyl phthalate	17.17	149	528002	30.69	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.62	276	543523	28.16	nq #	100
87) Benzo(b)fluoranthene	17.63	252	425541	23.94	nq	98
88) Benzo(k)fluoranthene	17.63	252	425510	24.70	nq	97
89) Benzo(a)pyrene	18.03	252	412881	25.96	nq #	96
90) Dibenzo(a,h)anthracene	19.66	278	437228	26.55	nq	98
91) Benzo(g,h,i)perylene	20.08	276	431426	26.10	nq	98

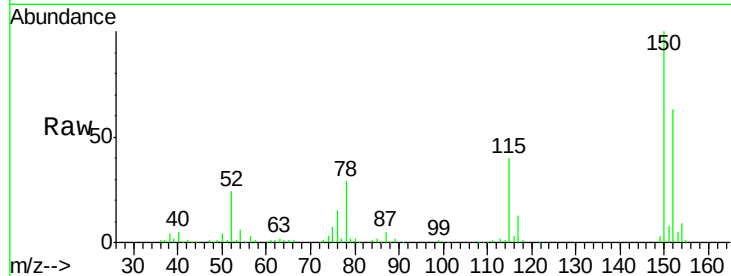
(#) = qualifier out of range (m) = manual integration (+) = signals summed



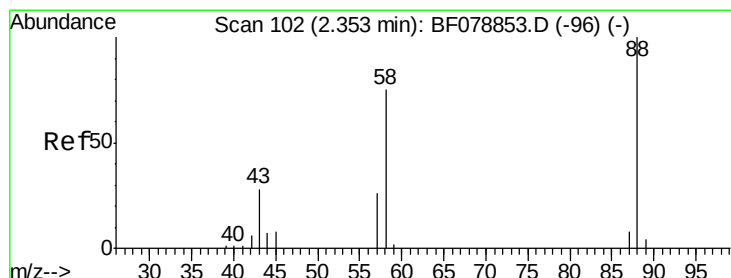
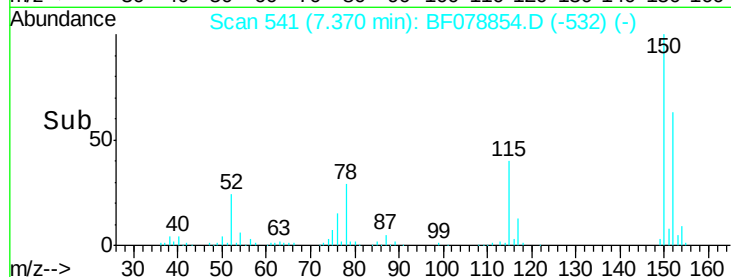
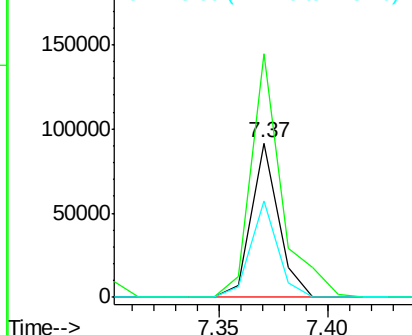
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.37 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 79911
 Ion Ratio Lower Upper
 152 100
 150 157.6 122.0 183.0
 115 62.7 46.3 69.5

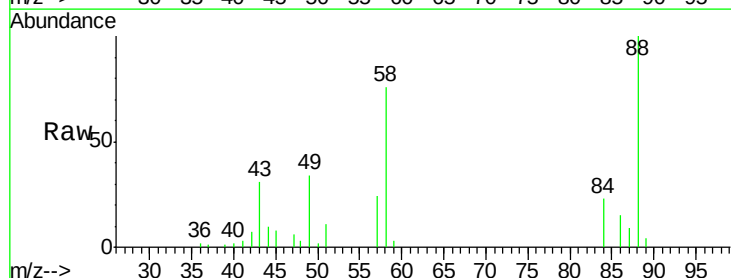


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

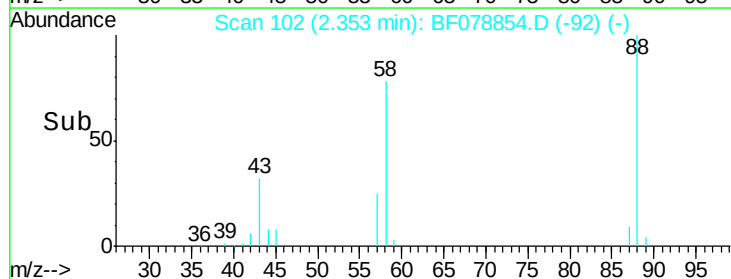
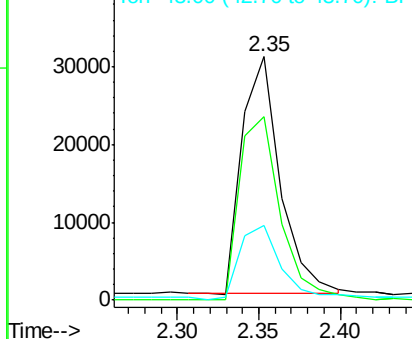


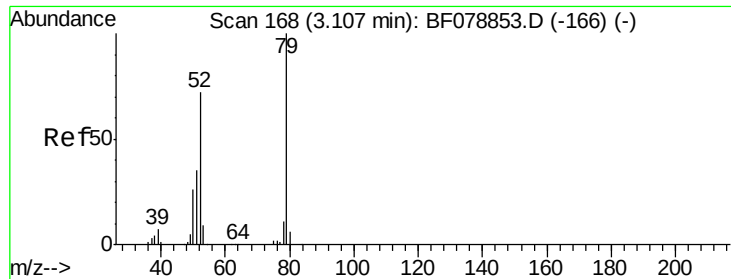
#2
 1,4-Dioxane
 Concen: 24.88 ng
 RT: 2.35 min Scan# 102
 Delta R.T. 0.01 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion: 88 Resp: 49665
 Ion Ratio Lower Upper
 88 100
 58 82.1 0.0 0.0#
 43 34.8 3.3 4.9#



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

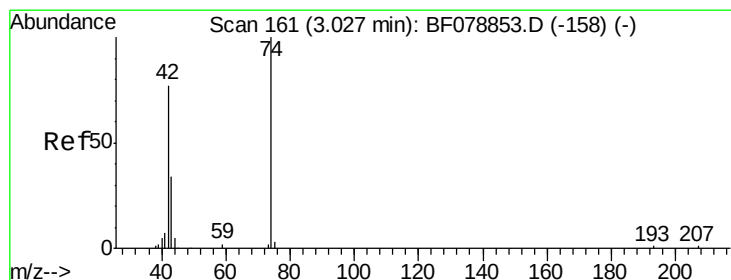
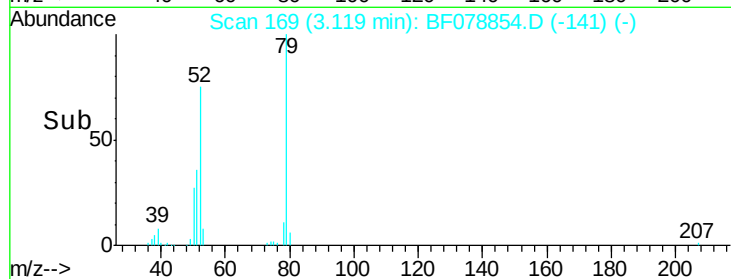
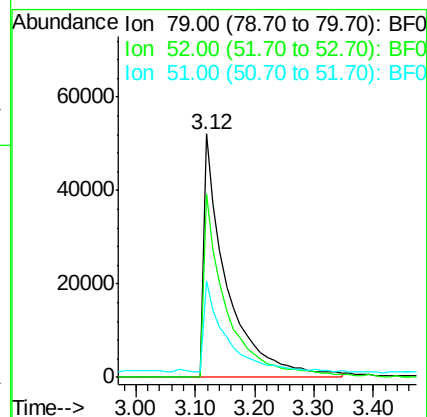
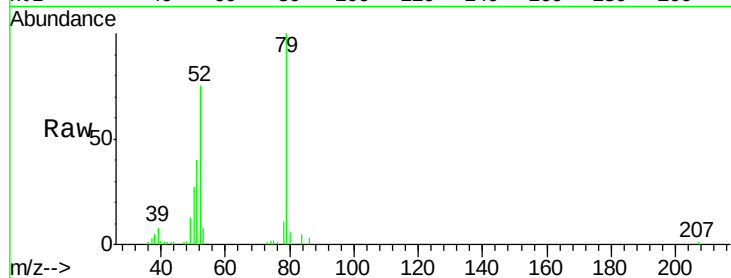




#3
 Pvridine
 Concen: 24.09 ng
 RT: 3.12 min Scan# 169
 Delta R.T. 0.02 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

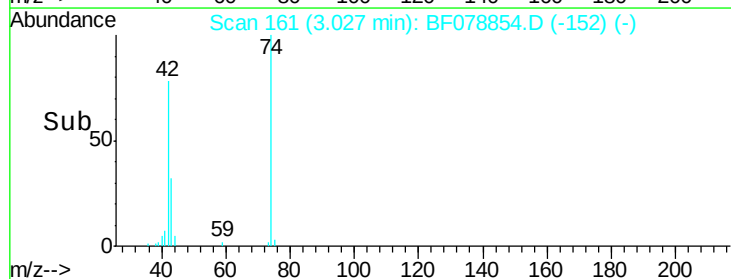
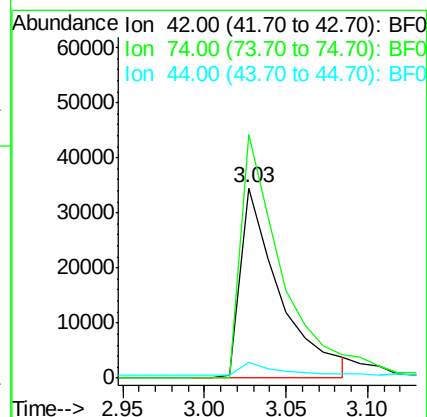
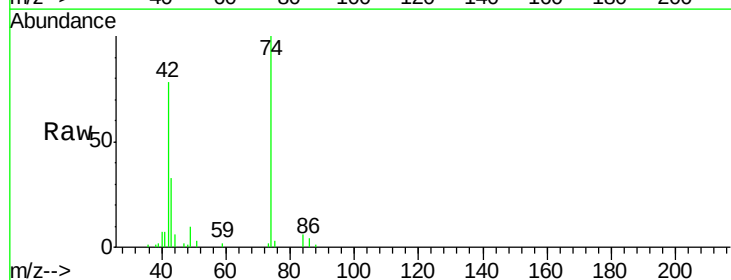
Instrument :
 BNA_F
 ClientSampleId :

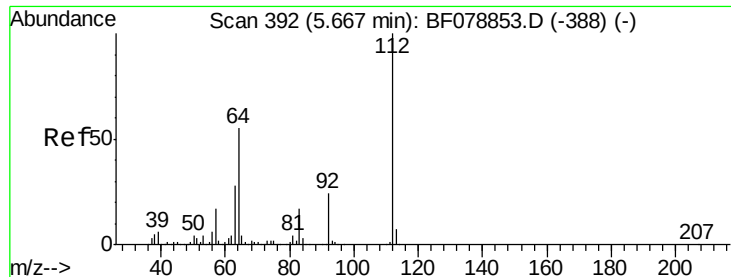
Tot Ion: 79 Resp: 142006
 Ion Ratio Lower Upper
 79 100
 52 75.3 57.2 85.8
 51 39.6 28.9 43.3



#4
 n-Nitrosodimethylamine
 Concen: 21.89 ng
 RT: 3.03 min Scan# 161
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion: 42 Resp: 57969
 Ion Ratio Lower Upper
 42 100
 74 128.0 96.5 144.7
 44 8.0 6.1 9.1





#5

2-Fluorophenol

Concen: 52.63 ng

RT: 5.67 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampled :

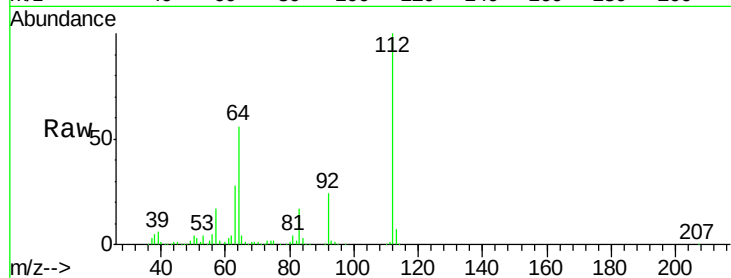
Tot Ion:112 Resp: 228988

Ion Ratio Lower Upper

112 100

64 55.8 53.5 80.3

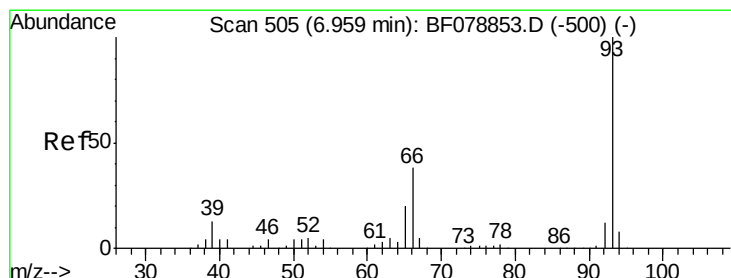
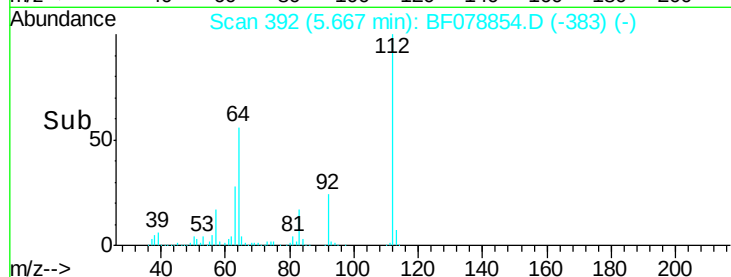
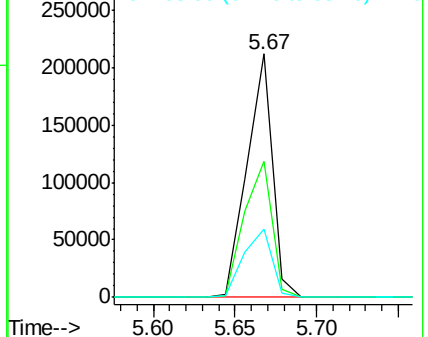
63 27.9 27.5 41.3



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: 25.74 ng

RT: 6.96 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

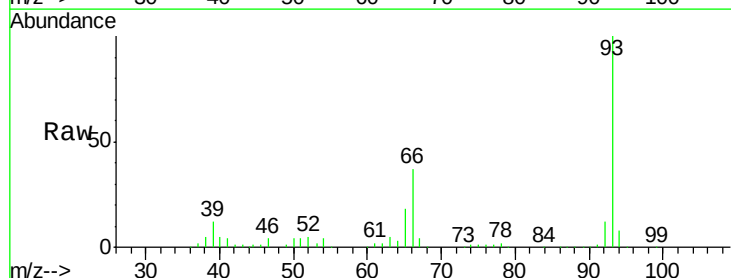
Tgt Ion: 93 Resp: 218465

Ion Ratio Lower Upper

93 100

66 37.0 29.7 44.5

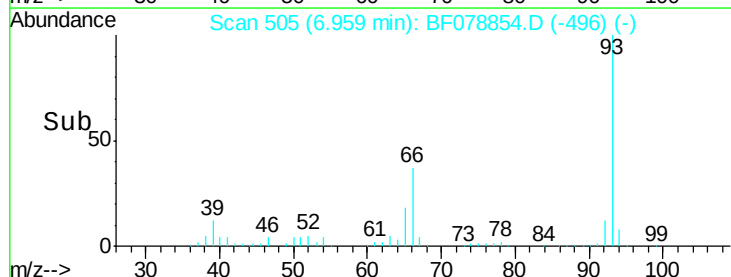
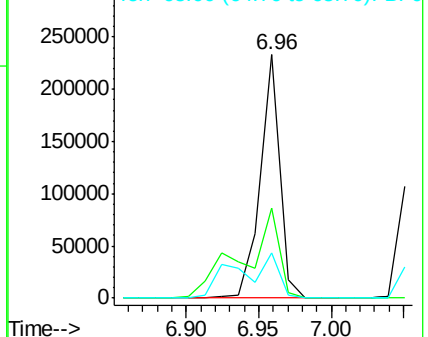
65 18.4 14.6 22.0

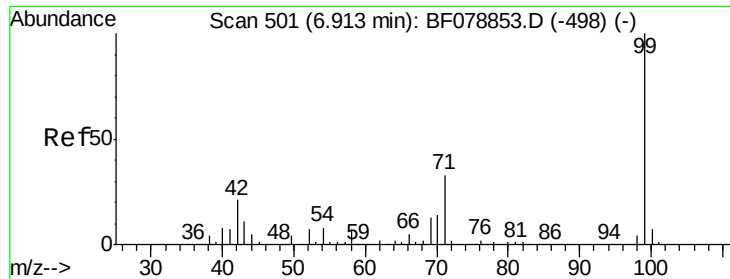


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 53.07 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampled :

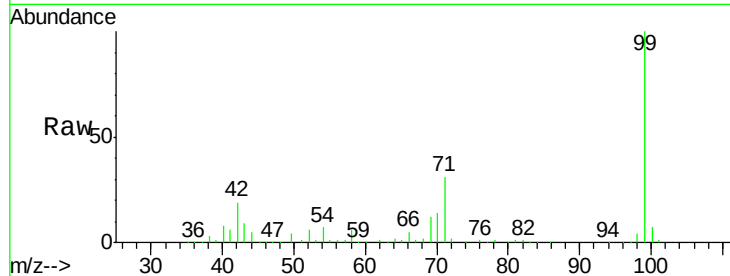
Tot Ion: 99 Resp: 308387

Ion Ratio Lower Upper

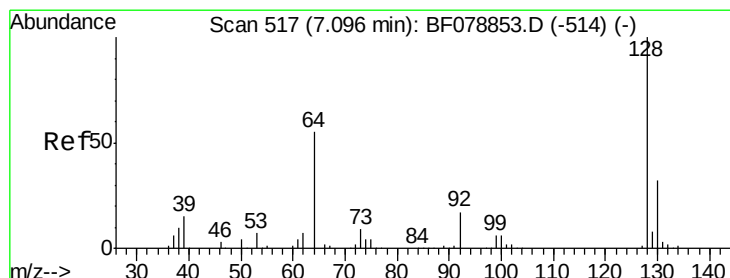
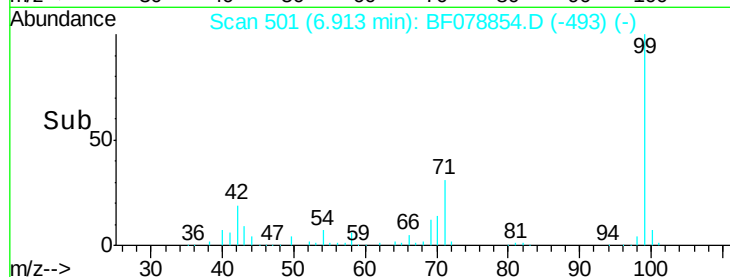
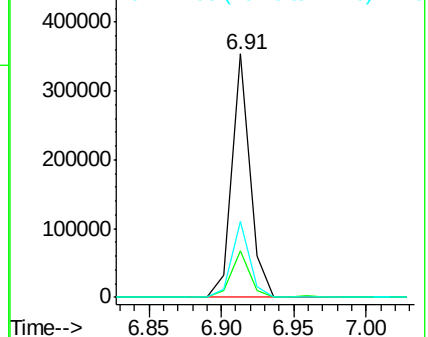
99 100

42 18.8 12.8 19.2

71 31.0 23.4 35.2



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: 25.95 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

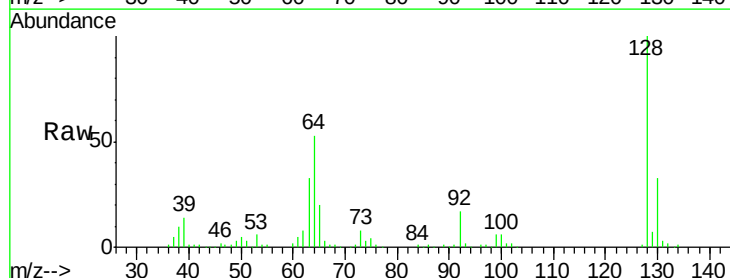
Tgt Ion: 128 Resp: 129776

Ion Ratio Lower Upper

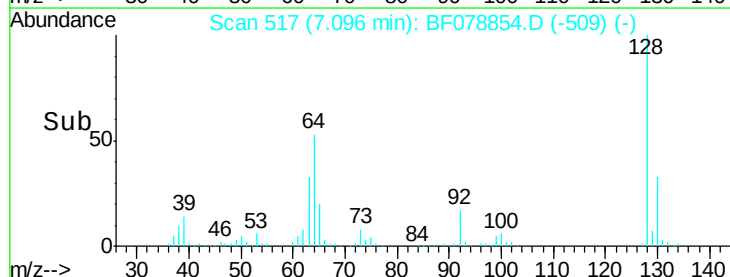
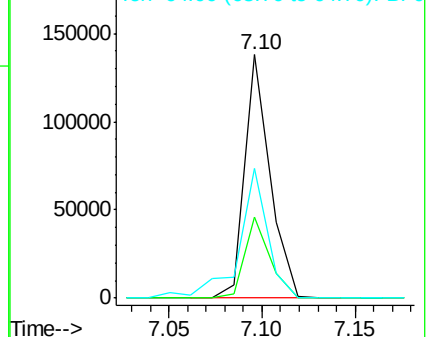
128 100

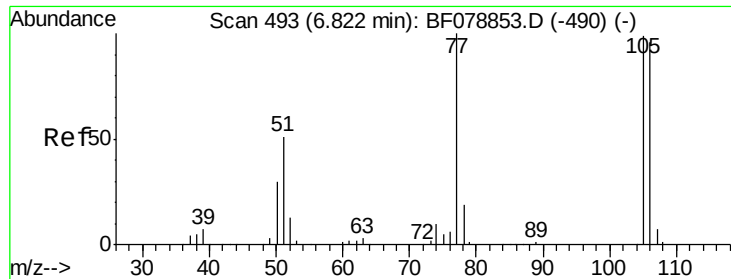
130 33.0 12.1 52.1

64 53.4 29.6 69.6



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

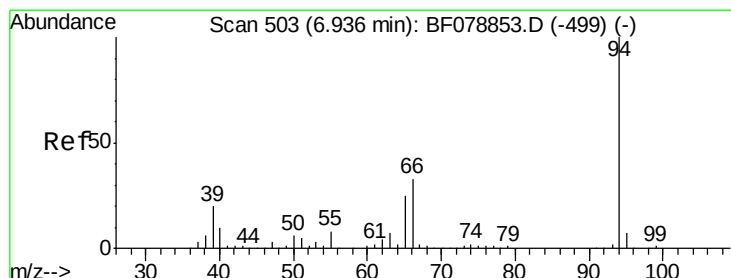
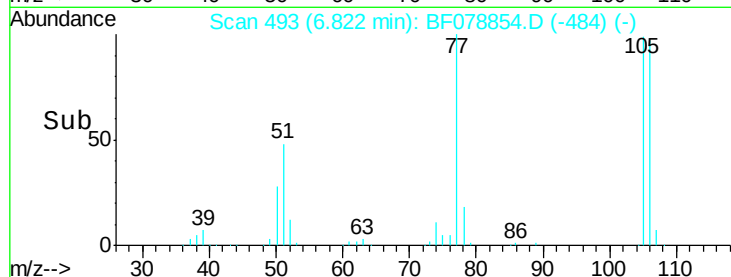
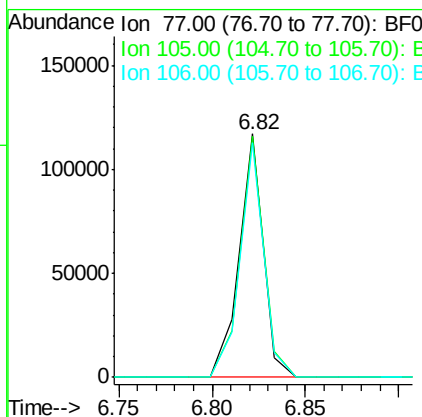
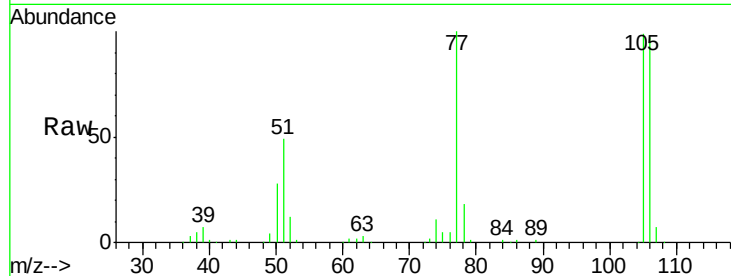




#9
Benzaldehyde
Concen: 25.34 ng
RT: 6.82 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

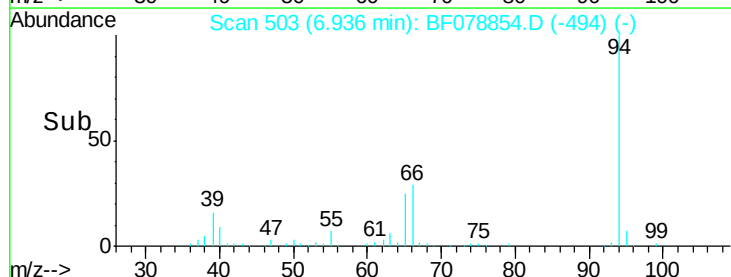
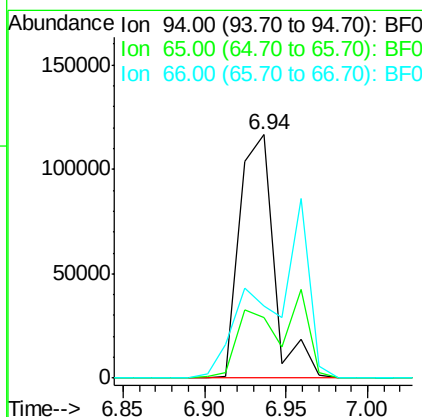
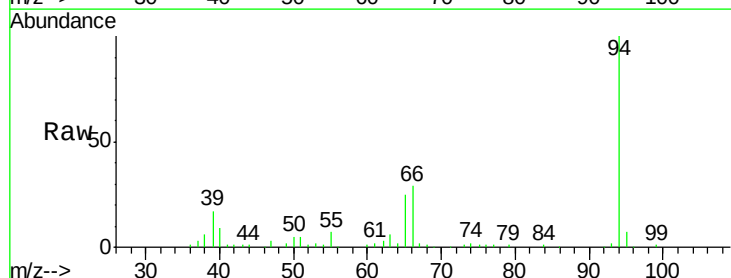
Instrument :
BNA_F
ClientSampleId :

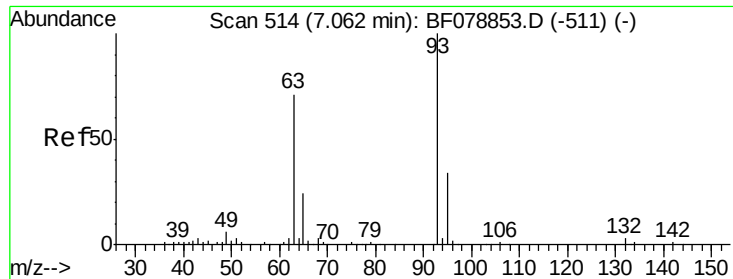
Tot Ion: 77 Resp: 106277
Ion Ratio Lower Upper
77 100
105 99.3 81.7 121.7
106 96.5 79.0 119.0



#10
Phenol
Concen: 24.78 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion: 94 Resp: 170196
Ion Ratio Lower Upper
94 100
65 24.8 8.5 48.5
66 29.4 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 24.95 ng

RT: 7.05 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampled :

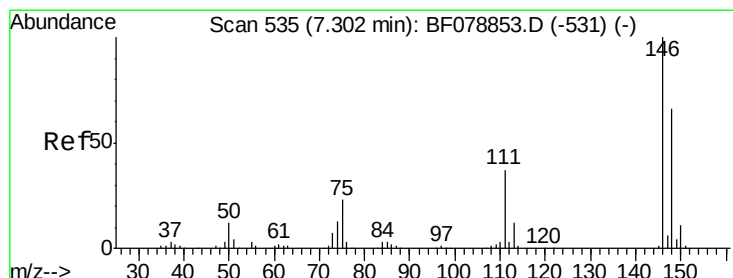
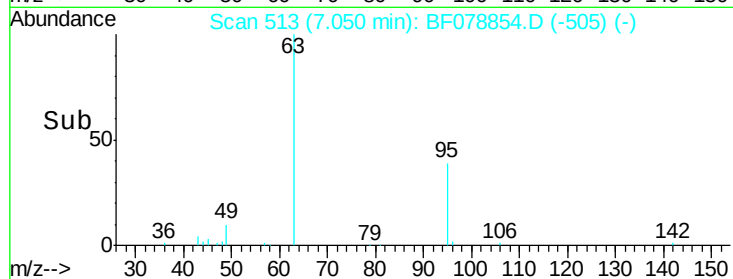
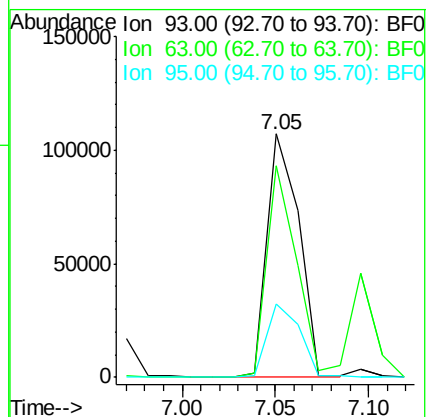
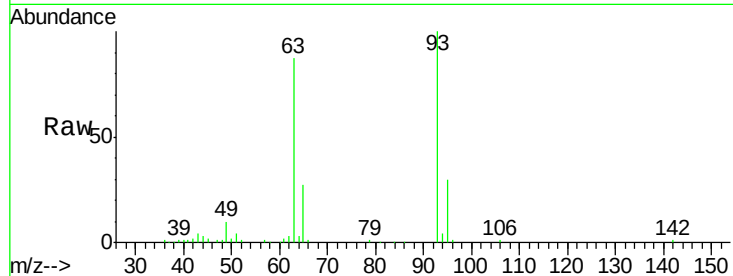
Tot Ion: 93 Resp: 126723

Ion Ratio Lower Upper

93 100

63 87.0 64.8 104.8

95 30.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 24.86 ng

RT: 7.29 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

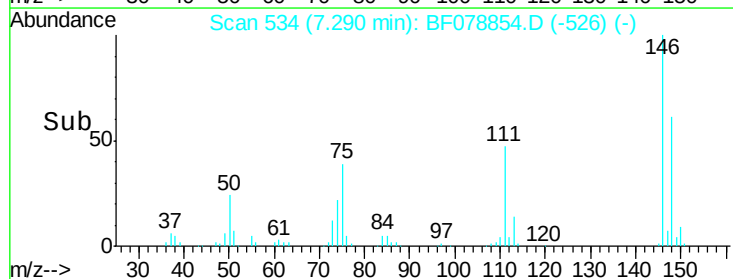
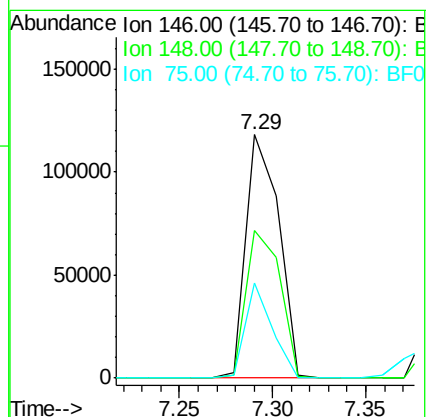
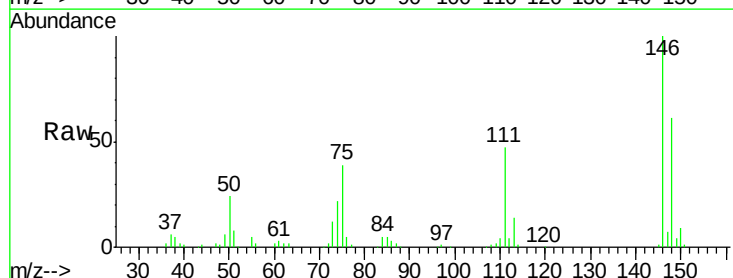
Tgt Ion: 146 Resp: 144324

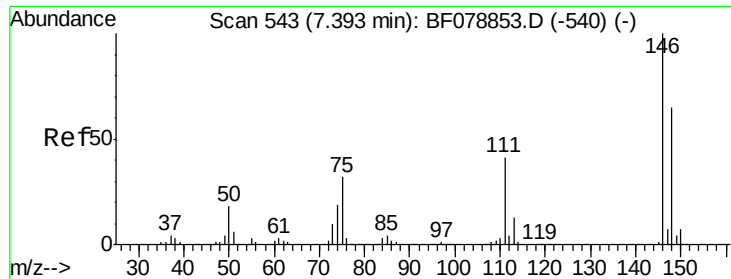
Ion Ratio Lower Upper

146 100

148 60.7 50.2 75.2

75 38.9 29.2 43.8

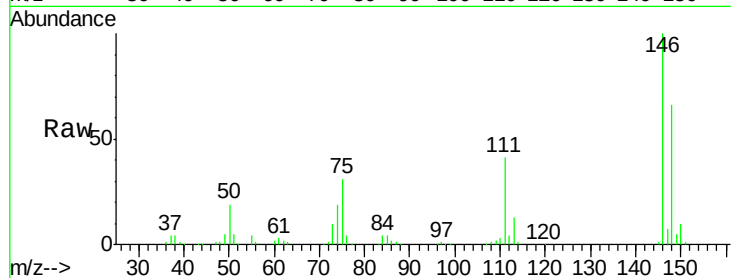




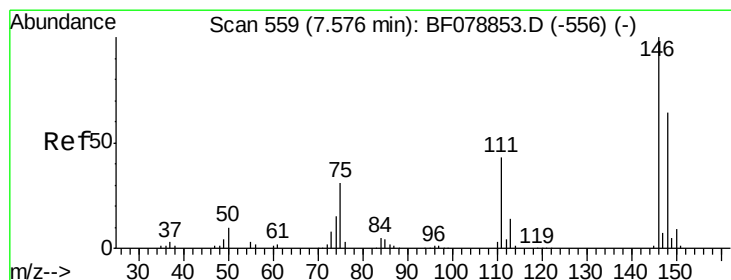
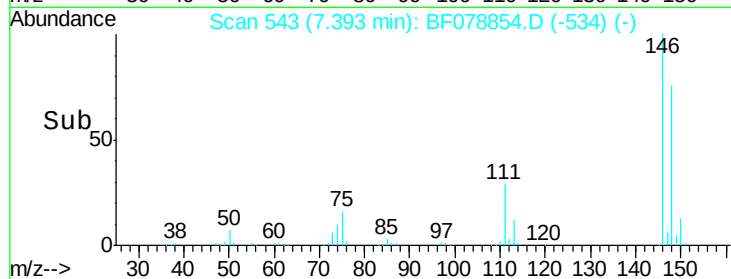
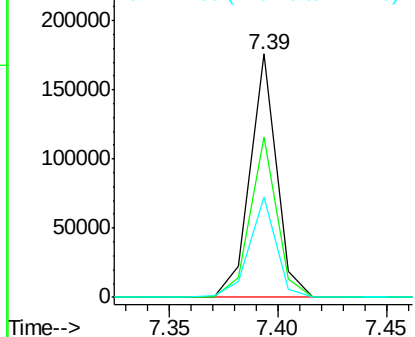
#13
 1,4-Dichlorobenzene
 Concen: 25.05 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 148908
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.8 79.2
 111 41.0 31.7 47.5

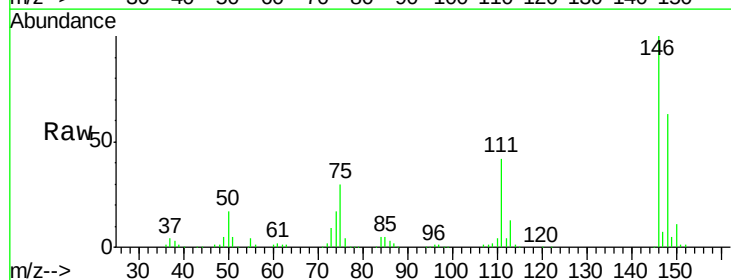


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

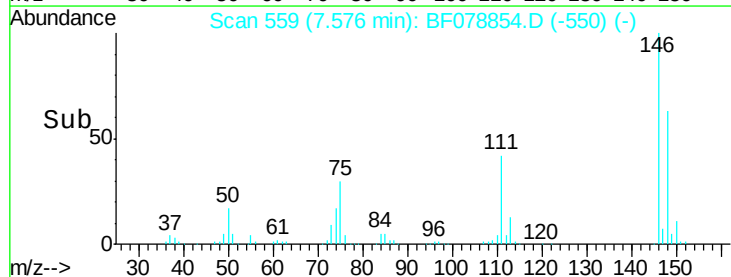
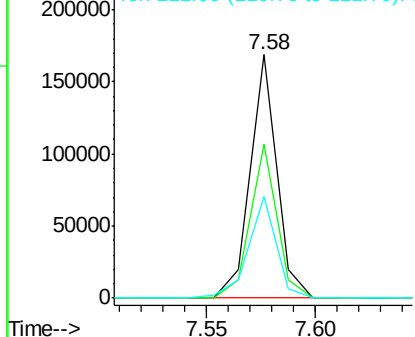


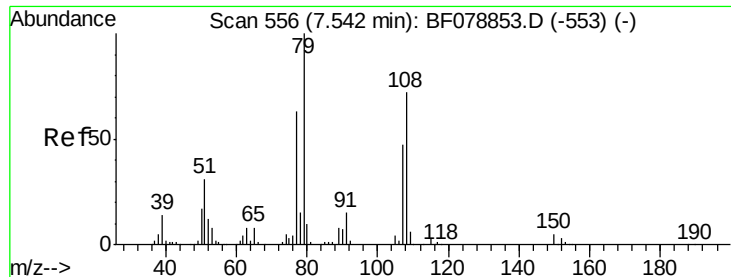
#14
 1,2-Dichlorobenzene
 Concen: 25.77 ng
 RT: 7.58 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion:146 Resp: 143140
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.2 76.8
 111 41.6 33.3 49.9



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





#15

Benzyl Alcohol

Concen: 25.79 ng

RT: 7.54 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

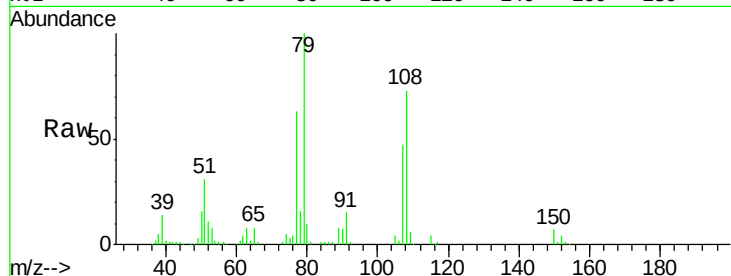
Tot Ion: 79 Resp: 111695

Ion Ratio Lower Upper

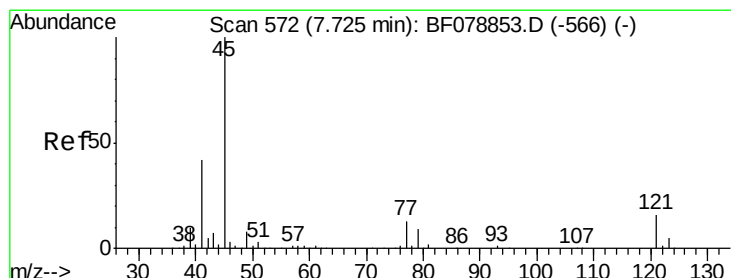
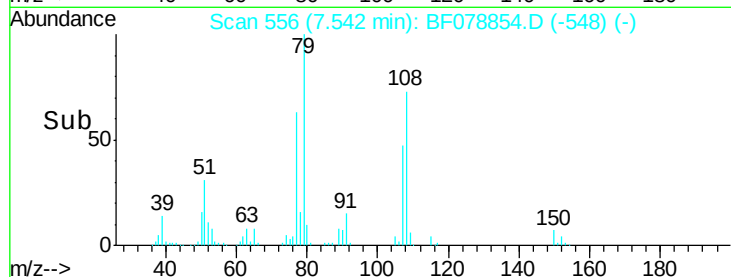
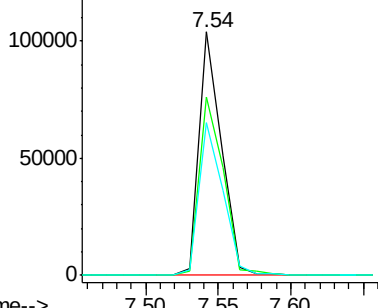
79 100

108 73.2 62.5 93.7

77 62.8 52.2 78.4



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: 25.08 ng

RT: 7.72 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

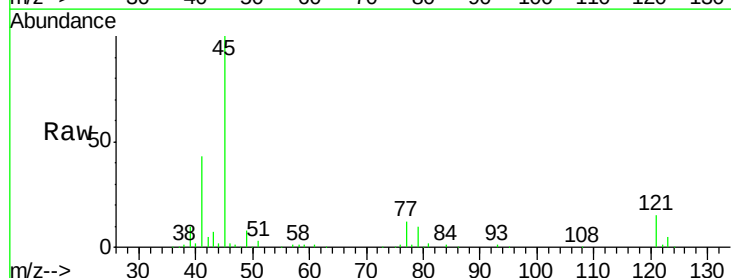
Tgt Ion: 45 Resp: 199156

Ion Ratio Lower Upper

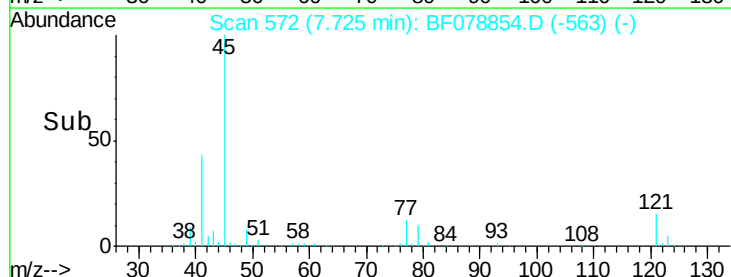
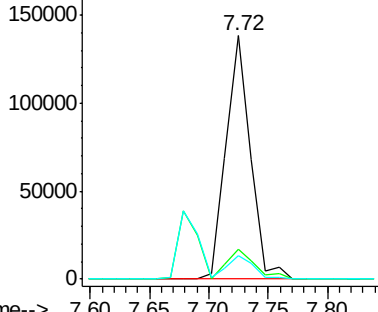
45 100

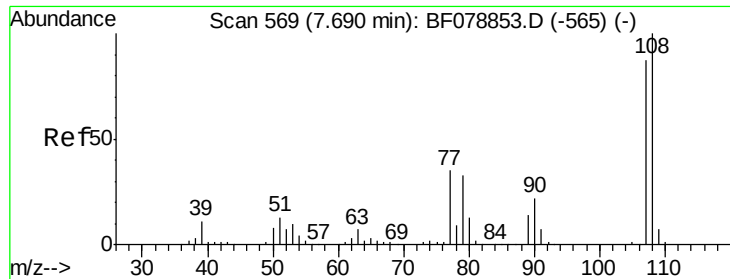
77 12.3 0.0 32.3

79 9.5 0.0 30.1



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: 25.14 ng

RT: 7.68 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 101769

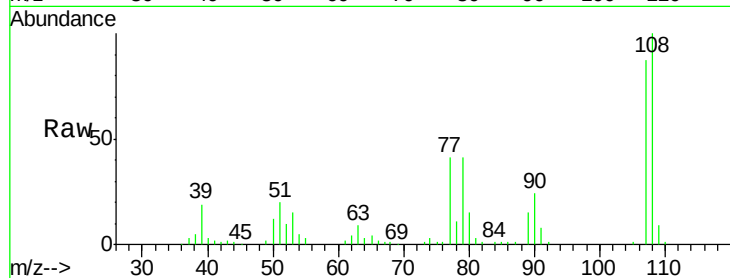
Ion Ratio Lower Upper

107 100

108 115.2 94.9 142.3

77 47.7 36.2 54.4

79 47.5 35.2 52.8

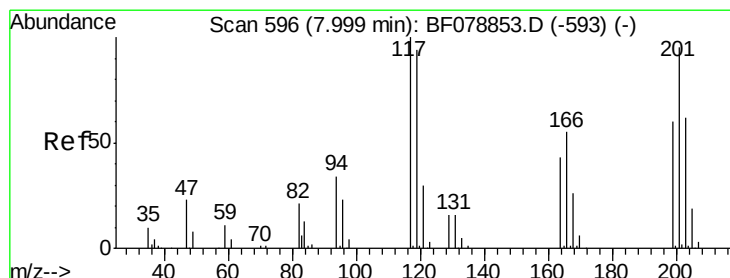
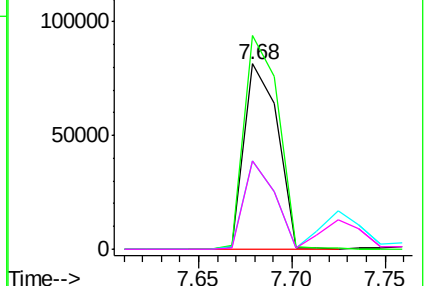
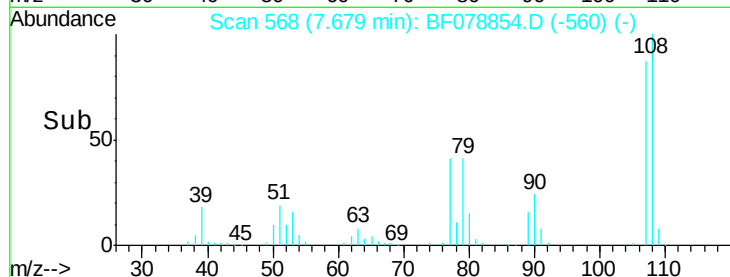


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 26.22 ng

RT: 8.00 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

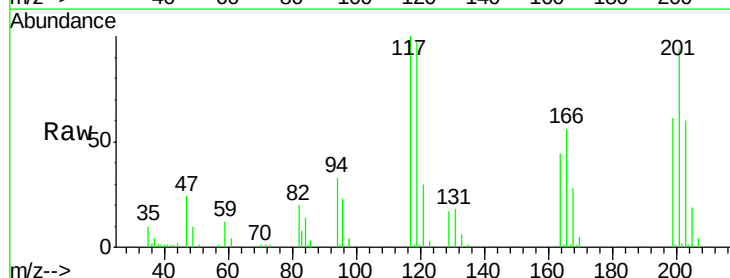
Tgt Ion:117 Resp: 51492

Ion Ratio Lower Upper

117 100

119 96.5 75.4 113.0

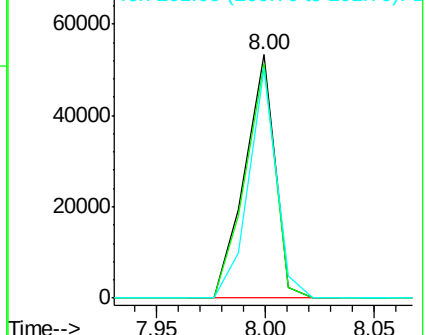
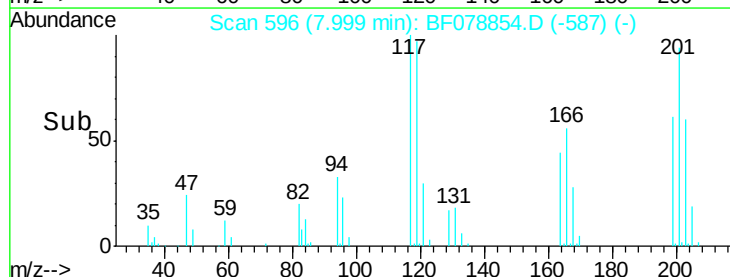
201 94.4 83.2 124.8

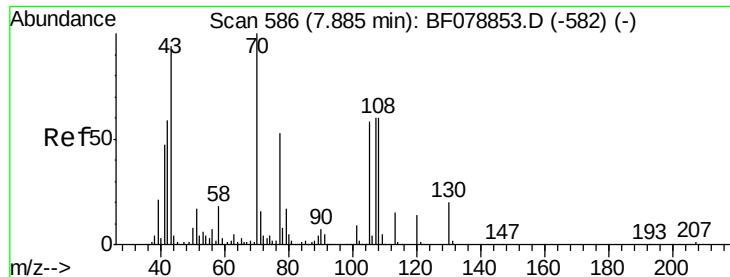


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

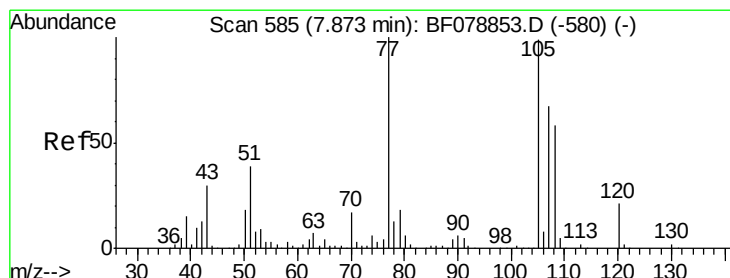
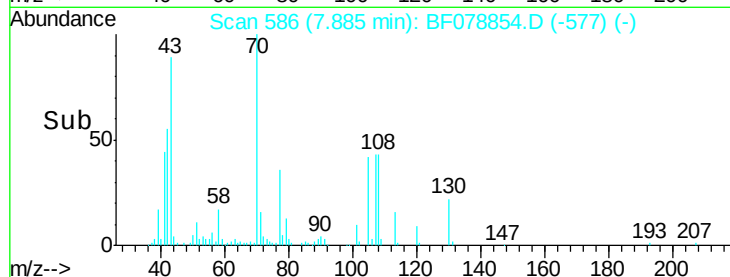
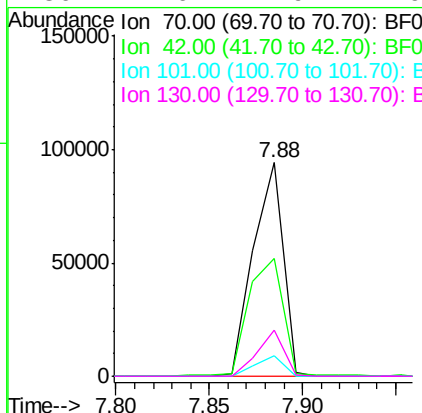
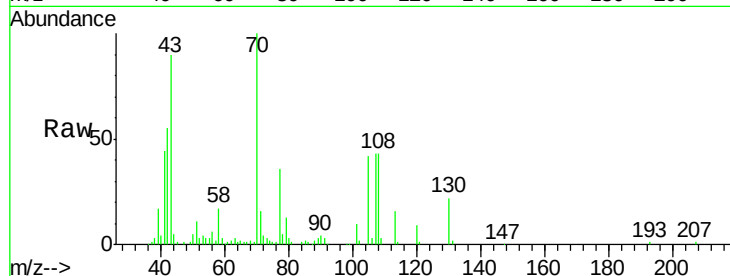




#19
n-Nitroso-di-n-propylamine
Concen: 25.72 ng
RT: 7.88 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

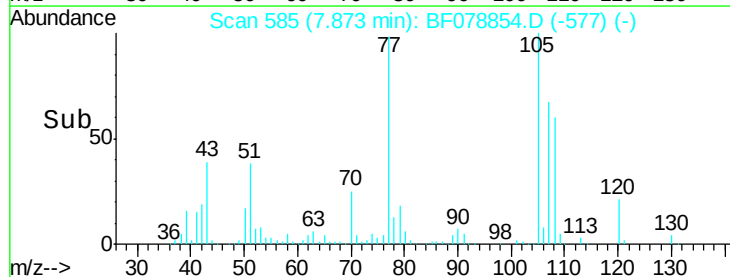
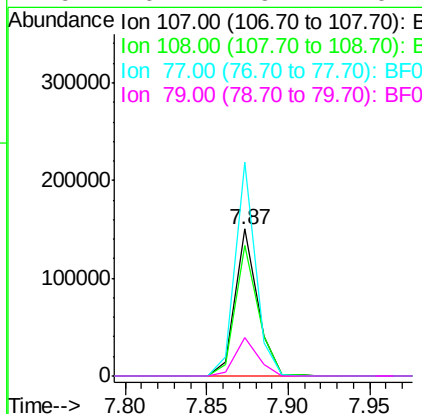
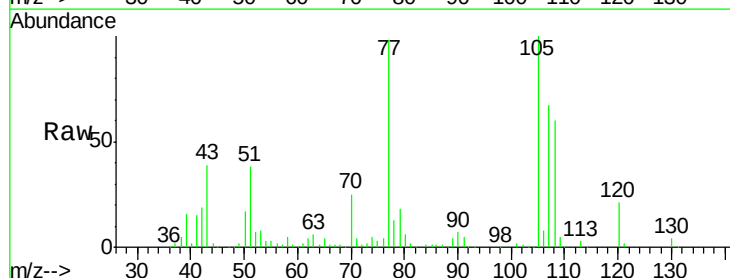
Instrument :
BNA_F
ClientSampled :

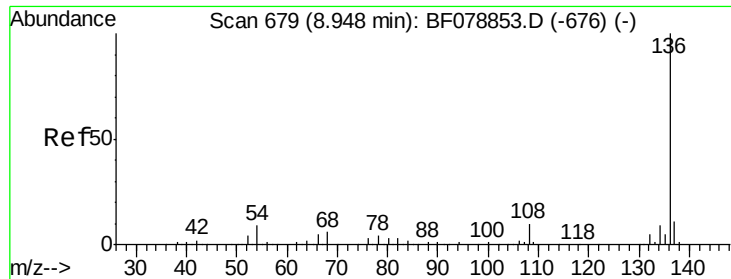
Tot Ion: 70 Resp: 104292
Ion Ratio Lower Upper
70 100
42 55.1 55.4 83.0#
101 9.8 6.6 10.0
130 21.6 11.9 17.9#



#20
3+4-Methylphenols
Concen: 27.08 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion:107 Resp: 142807
Ion Ratio Lower Upper
107 100
108 89.2 76.9 116.9
77 145.6 136.8 176.8
79 26.2 9.7 49.7

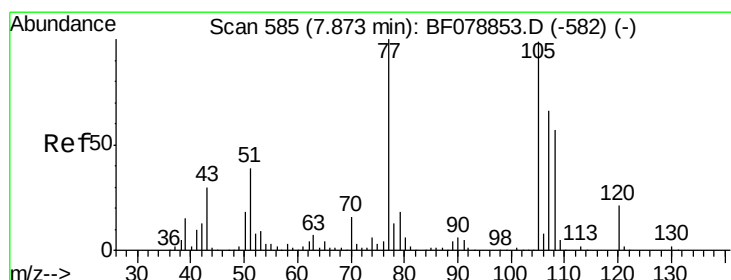
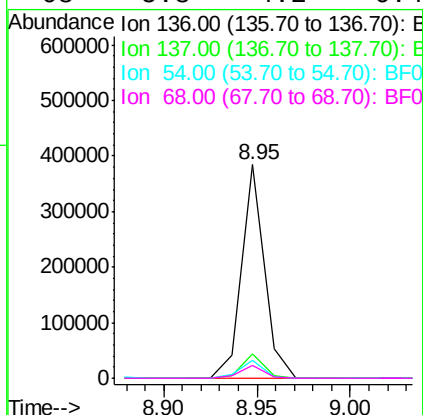
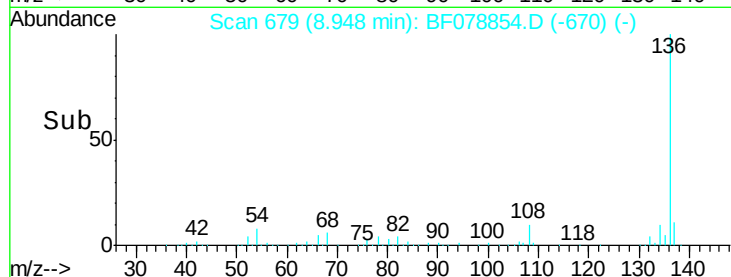
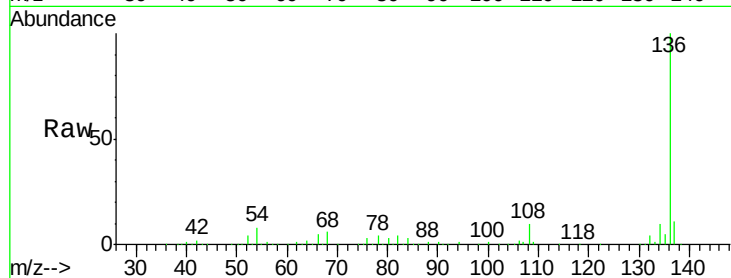




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.95 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

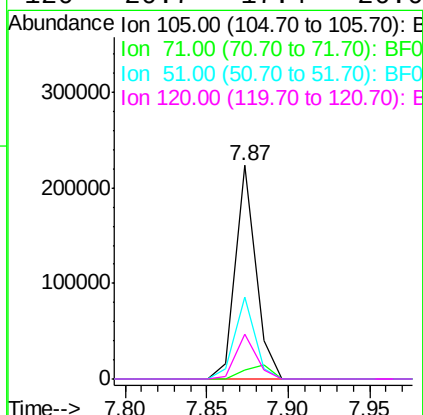
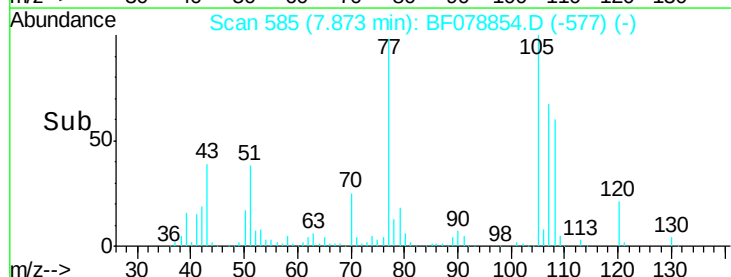
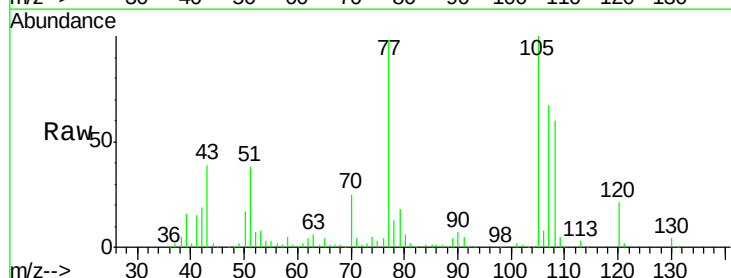
Instrument :
BNA_F
ClientSampleId :

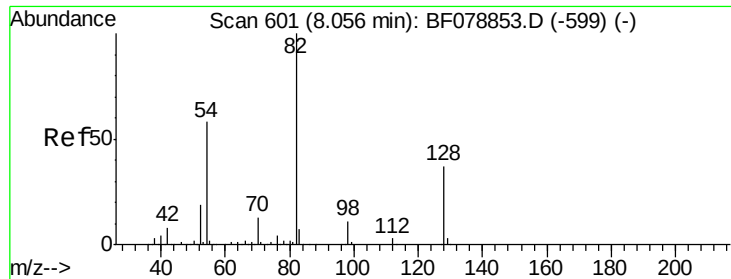
Tot Ion:136	Resp:	329327
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	8.2	5.8 8.8
68	5.8	4.2 6.4



#22
Acetophenone
Concen: 26.35 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion:105	Resp:	192218
Ion Ratio	Lower	Upper
105	100	
71	4.4	4.6 6.8#
51	38.2	26.7 40.1
120	20.7	17.4 26.0

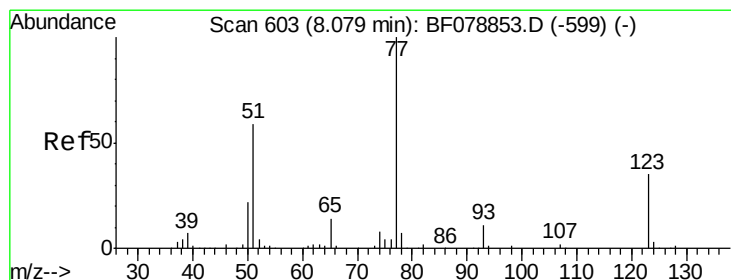
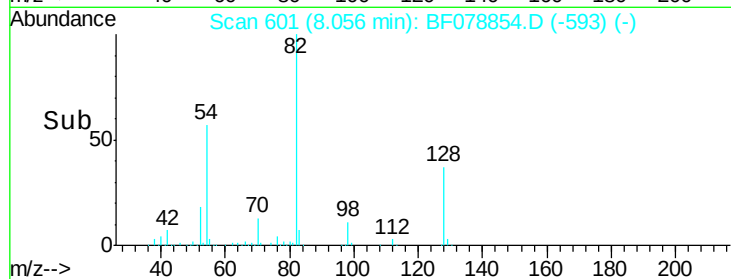
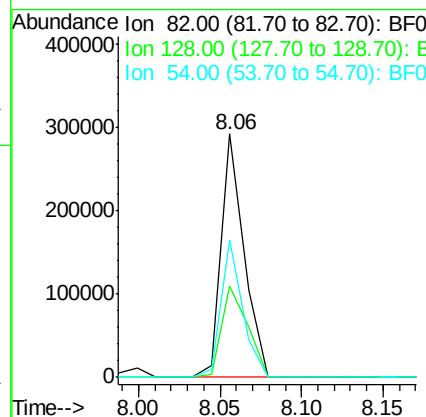
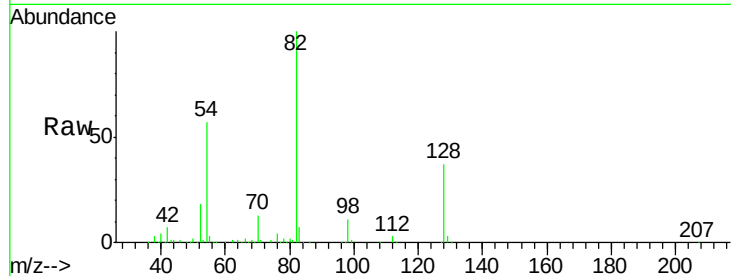




#23
Nitrobenzene-d5
Concen: 62.24 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

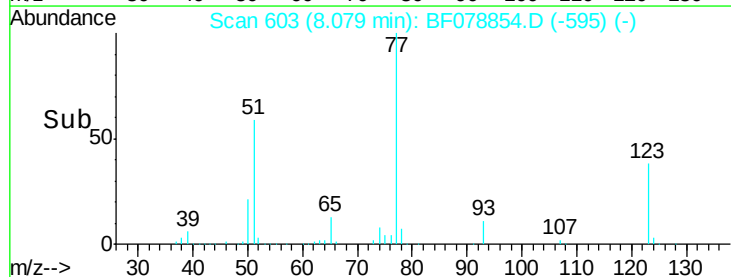
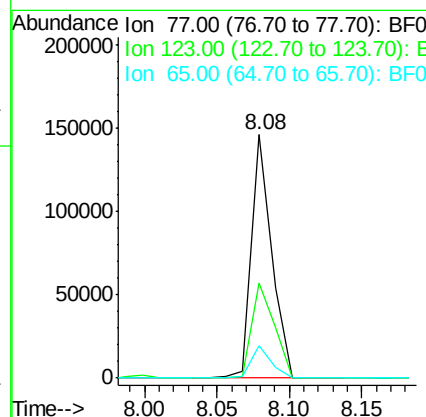
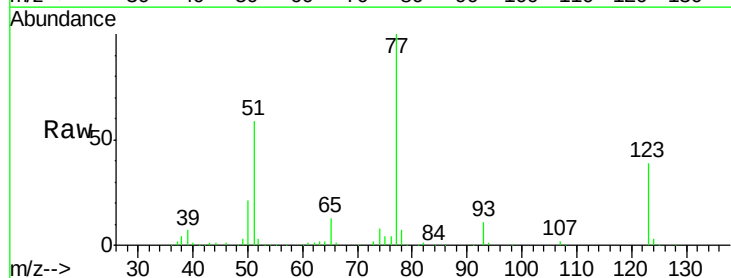
Instrument :
BNA_F
ClientSampleId :

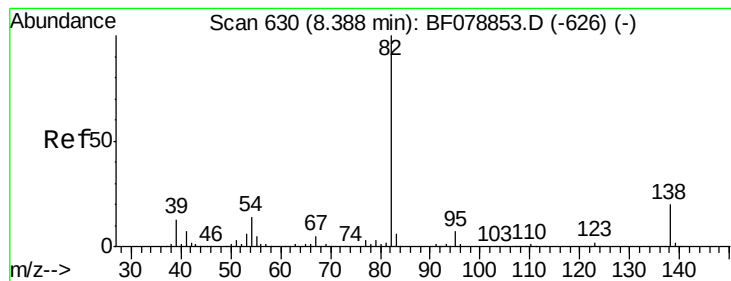
Tot Ion	82	Resp	284679
Ion Ratio	100	Lower	Upper
128	37.4	30.0	45.0
54	56.5	46.4	69.6



#24
Nitrobenzene
Concen: 28.90 ng
RT: 8.08 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion	77	Resp	141586
Ion Ratio	100	Lower	Upper
123	38.9	31.8	47.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 25.30 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampled :

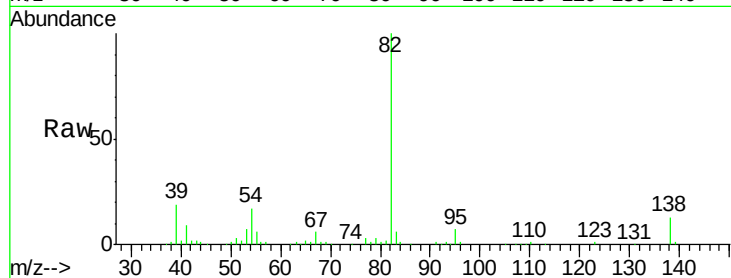
Tot Ion: 82 Resp: 261667

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

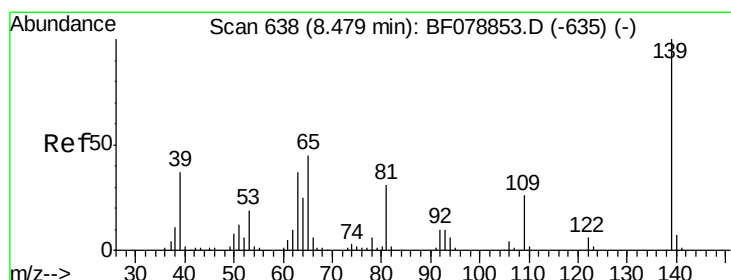
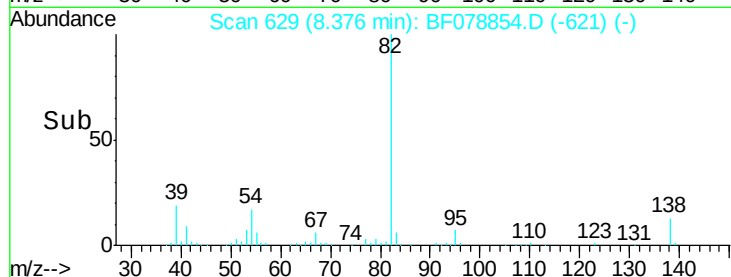
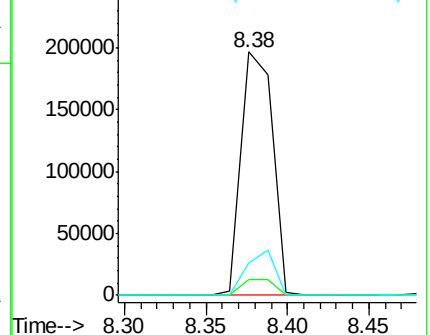
138 13.5 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-626) (-)

Ion 95.00 (94.70 to 95.70): BF078853.D (-626) (-)

Ion 138.00 (137.70 to 138.70): BF078853.D (-626) (-)



#26

2-Nitrophenol

Concen: 45.88 ng

RT: 8.48 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

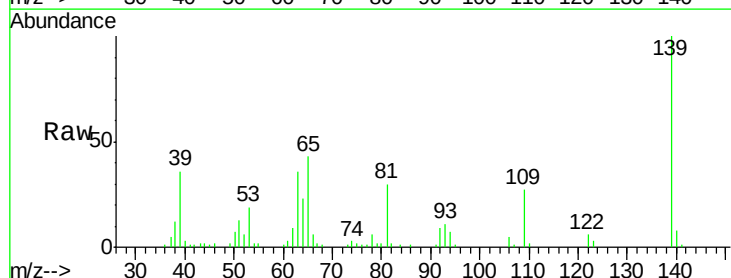
Tgt Ion: 139 Resp: 59328

Ion Ratio Lower Upper

139 100

109 26.8 21.0 31.4

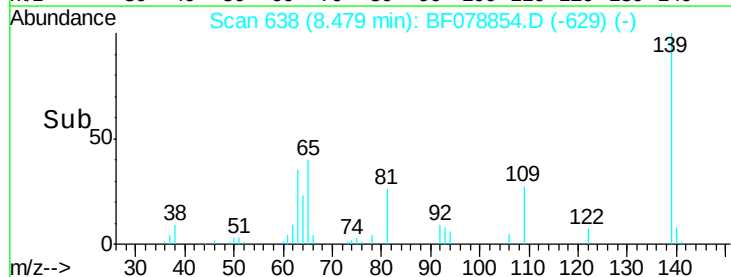
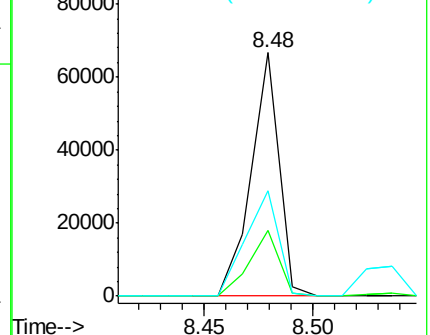
65 43.1 30.5 45.7

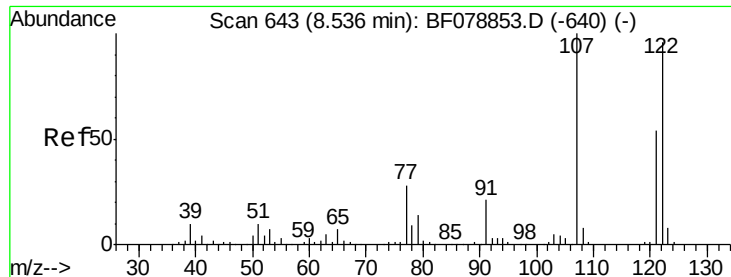


Abundance Ion 139.00 (138.70 to 139.70): BF078853.D (-635) (-)

Ion 109.00 (108.70 to 109.70): BF078853.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BF078853.D (-635) (-)





#27

2,4-Dimethylphenol

Concen: 25.36 ng

RT: 8.54 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampled :

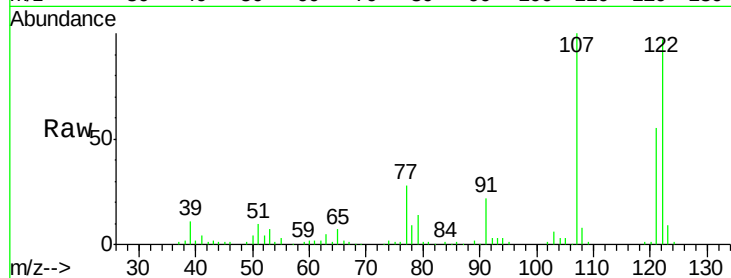
Tot Ion:122 Resp: 116341

Ion Ratio Lower Upper

122 100

107 102.7 90.6 135.8

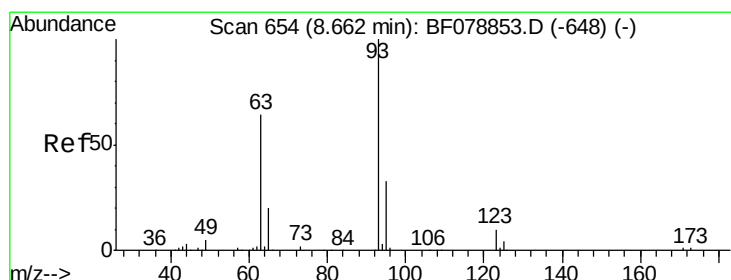
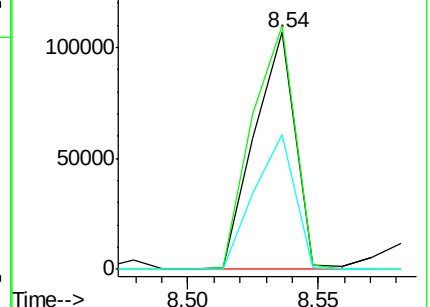
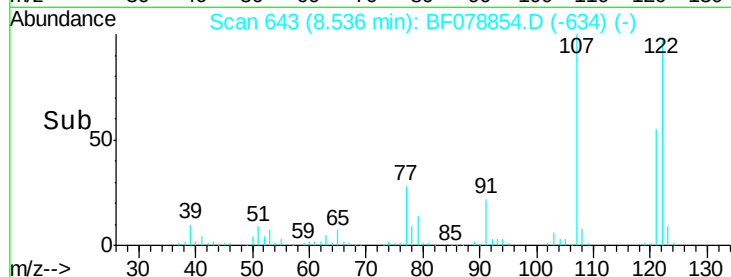
121 56.9 45.4 68.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.17 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

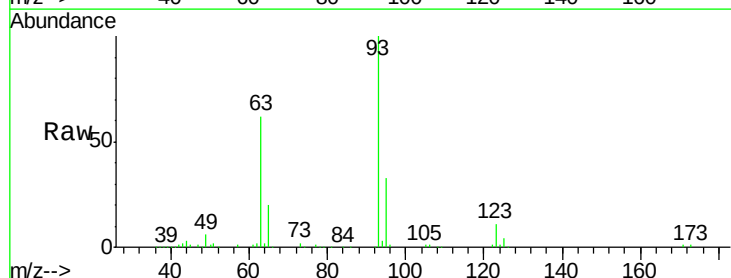
Tgt Ion: 93 Resp: 167078

Ion Ratio Lower Upper

93 100

95 32.8 26.7 40.1

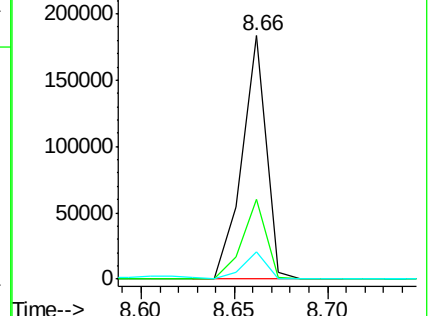
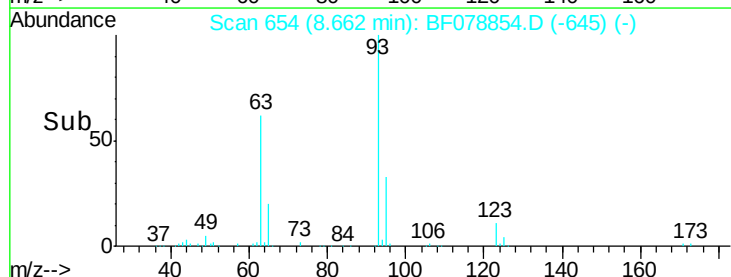
123 11.1 9.1 13.7

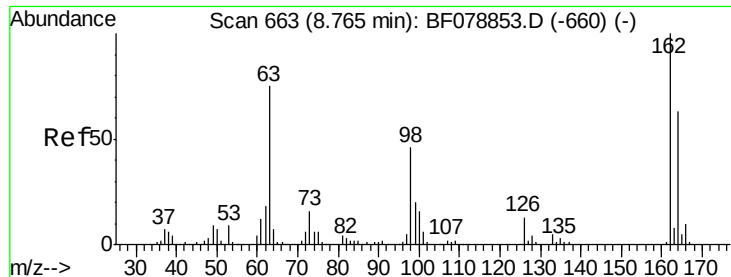


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

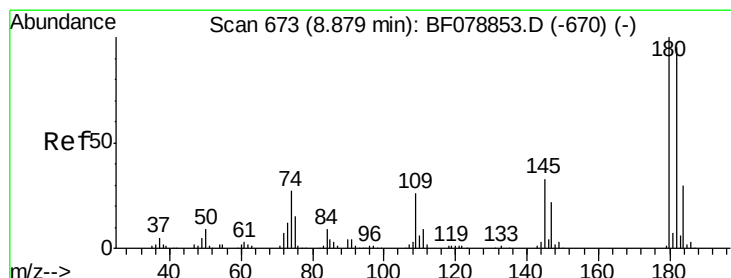
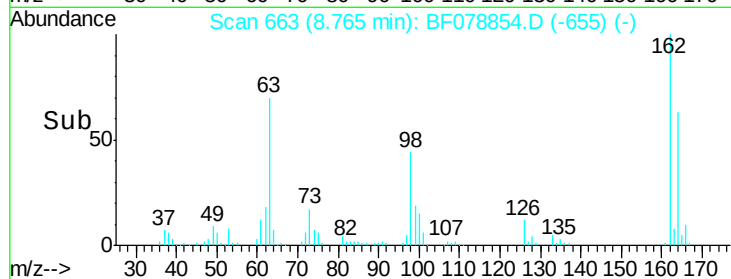
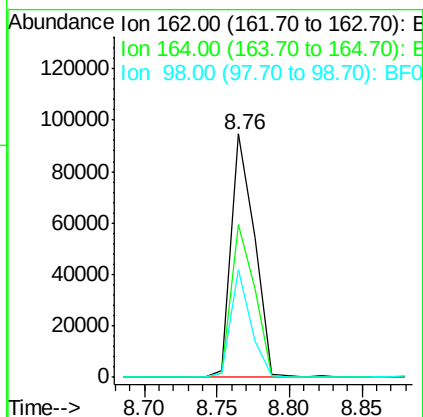
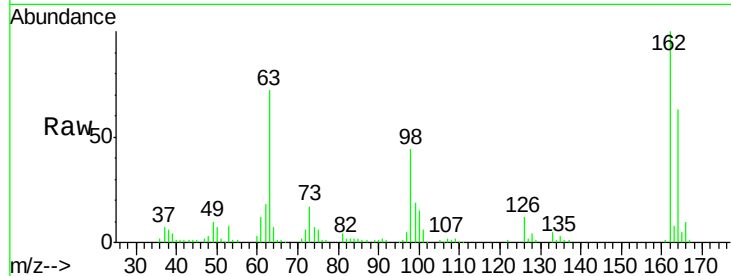




#29
 2,4-Dichlorophenol
 Concen: 26.95 ng
 RT: 8.76 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

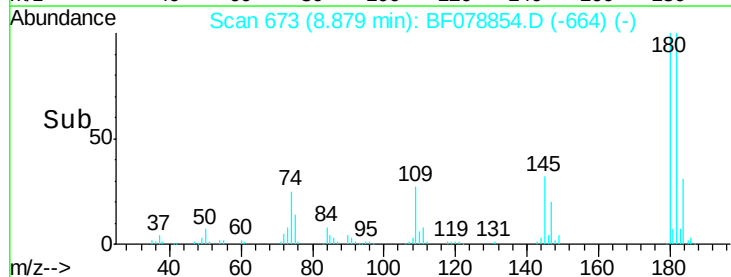
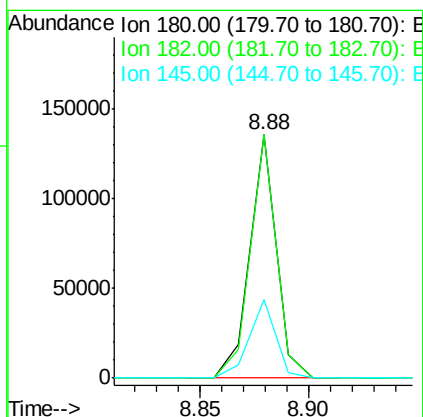
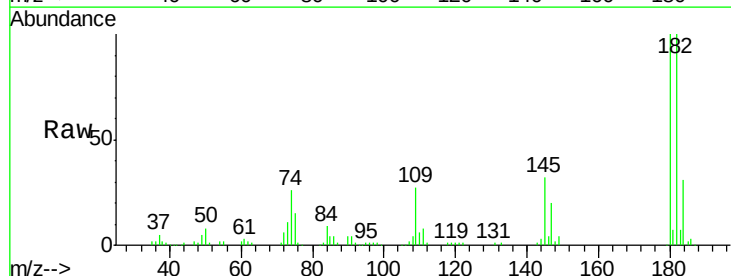
Instrument :
 BNA_F
 ClientSampleId :

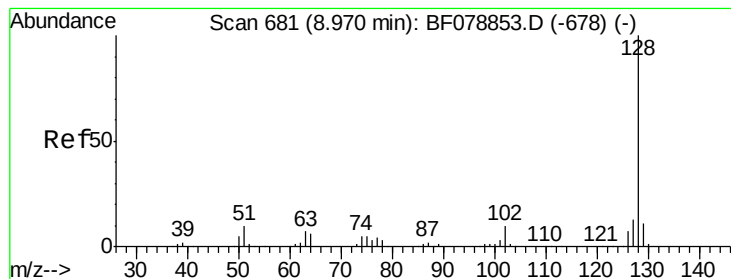
Tot Ion:162 Resp: 105684
 Ion Ratio Lower Upper
 162 100
 164 62.7 43.6 83.6
 98 44.5 16.5 56.5



#30
 1,2,4-Trichlorobenzene
 Concen: 25.43 ng
 RT: 8.88 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion:180 Resp: 114500
 Ion Ratio Lower Upper
 180 100
 182 99.8 78.9 118.3
 145 32.3 24.2 36.4





#31

Naphthalene

Concen: 24.74 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampled :

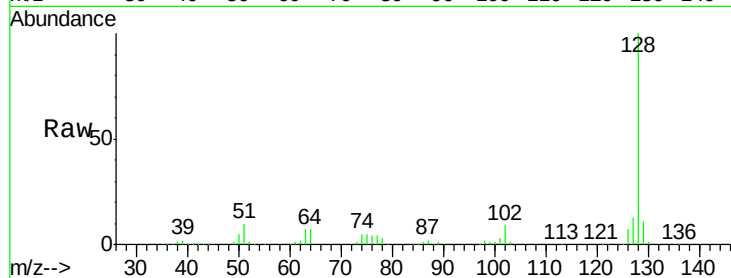
Tot Ion:128 Resp: 386728

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

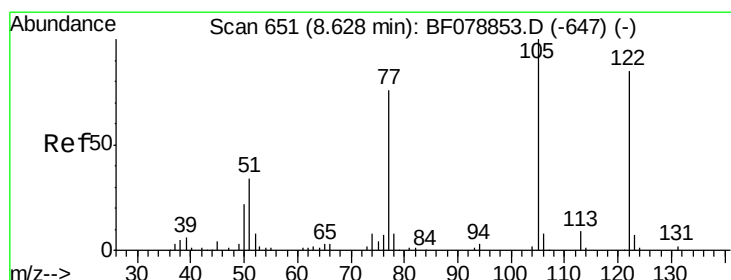
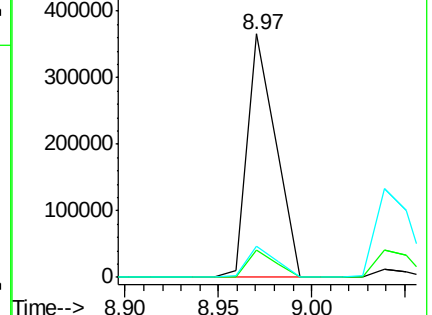
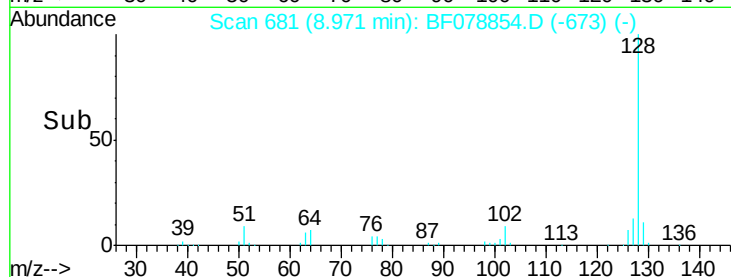
127 12.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.01 ng

RT: 8.60 min Scan# 649

Delta R.T. -0.06 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

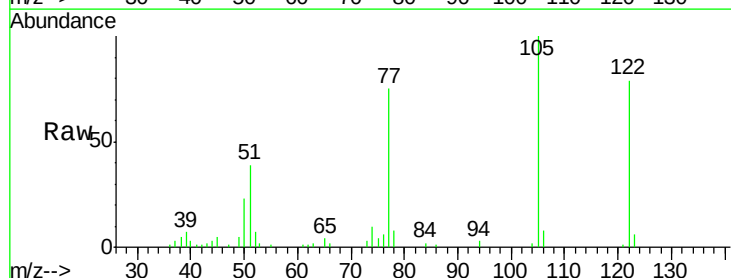
Tgt Ion:122 Resp: 58486

Ion Ratio Lower Upper

122 100

105 126.7 107.1 147.1

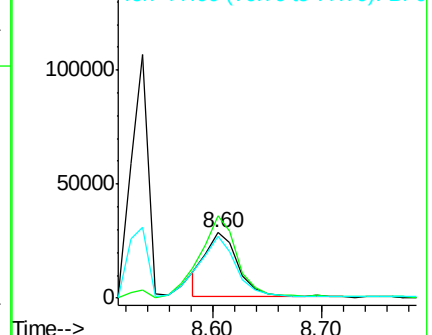
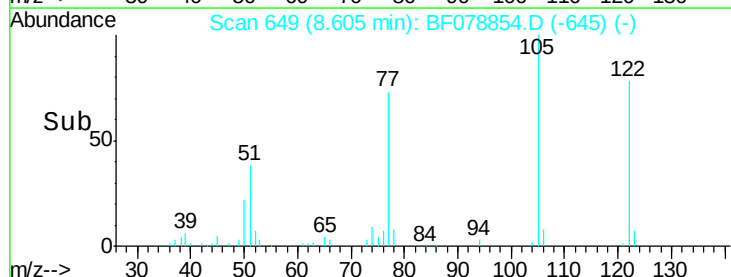
77 94.7 73.9 113.9

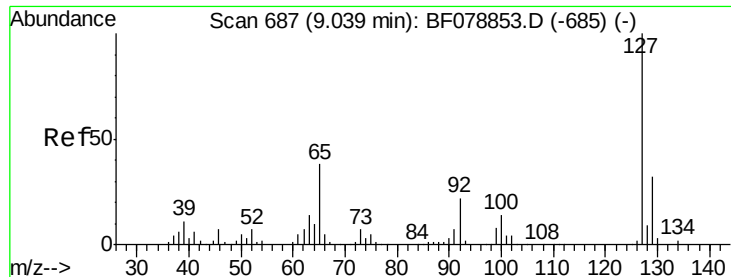


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

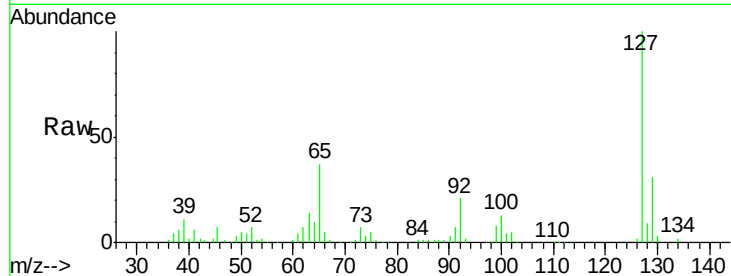




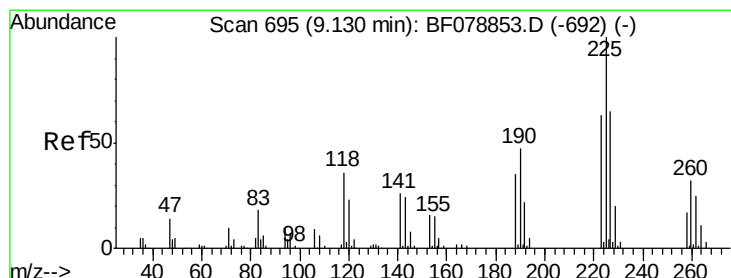
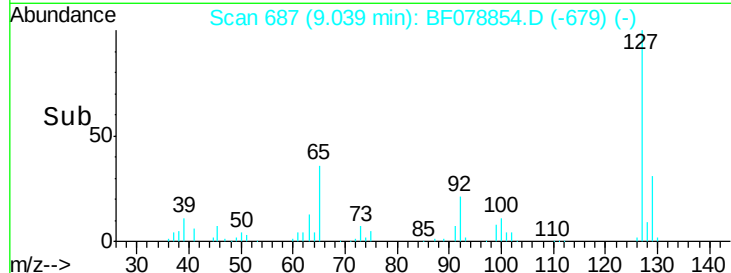
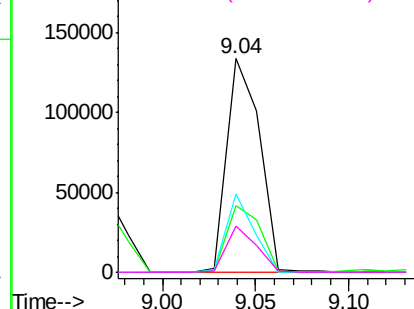
#33
4-Chloroaniline
Concen: 25.05 ng
RT: 9.04 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	164763
Ion Ratio	Lower	Upper
127	100	
129	31.1	25.8 38.8
65	36.8	25.8 38.6
92	21.4	15.5 23.3

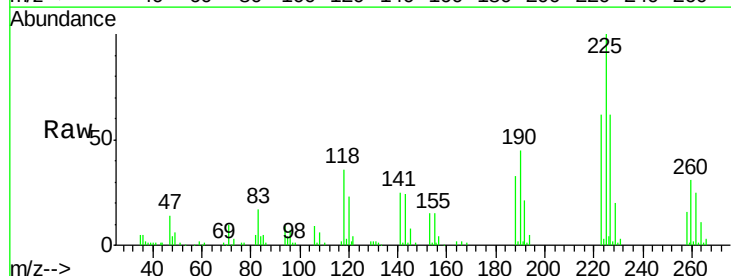


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

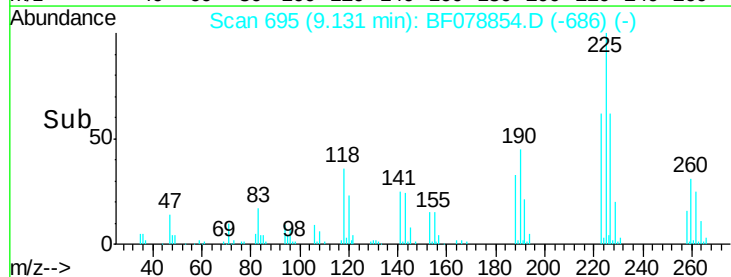
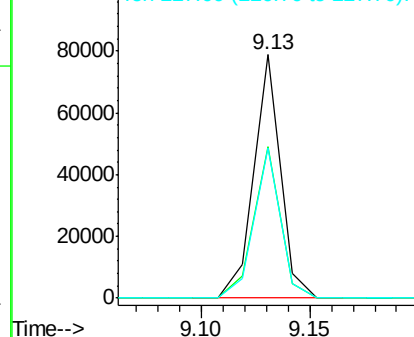


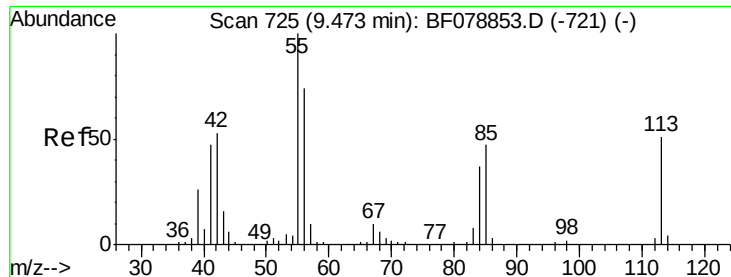
#34
Hexachlorobutadiene
Concen: 26.37 ng
RT: 9.13 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion:225	Resp:	66995
Ion Ratio	Lower	Upper
225	100	
223	62.1	48.2 72.4
227	61.6	51.4 77.0



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

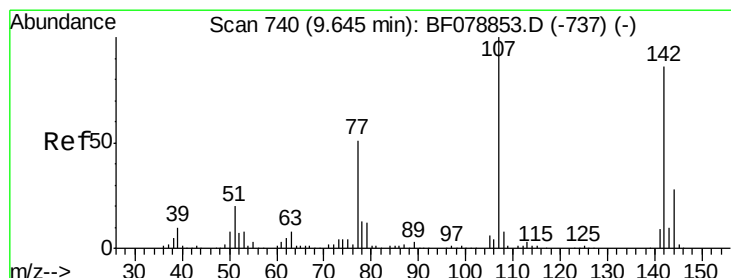
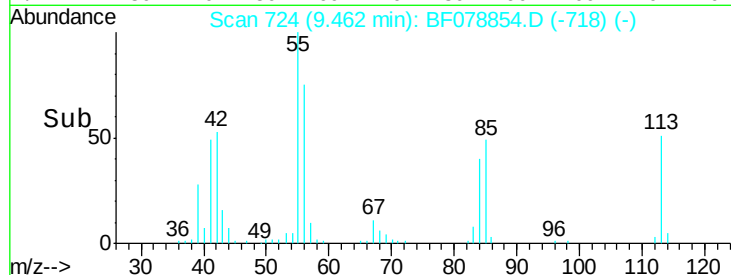
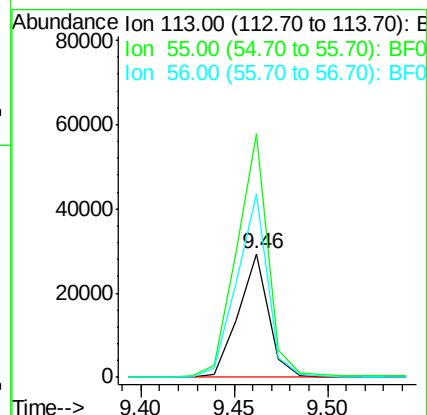
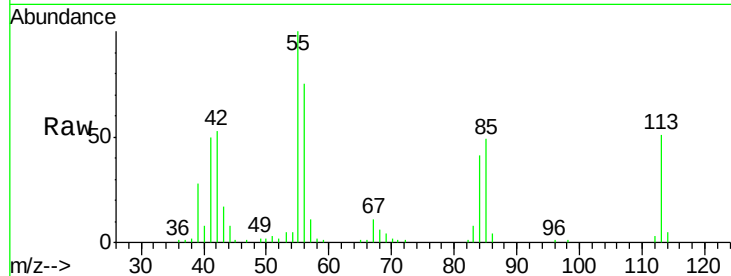




#35
 Caprolactam
 Concen: 26.54 ng
 RT: 9.46 min Scan# 724
 Delta R.T. -0.03 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

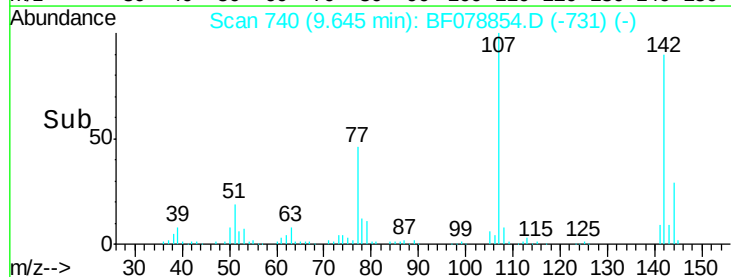
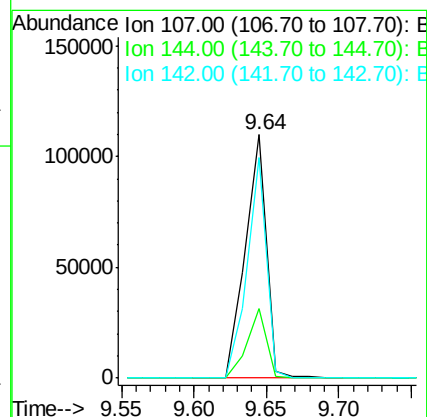
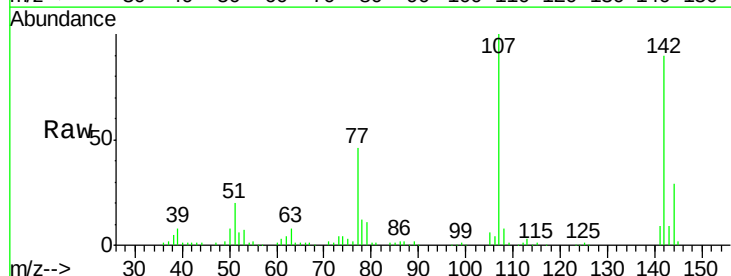
Instrument :
 BNA_F
 ClientSampleId :

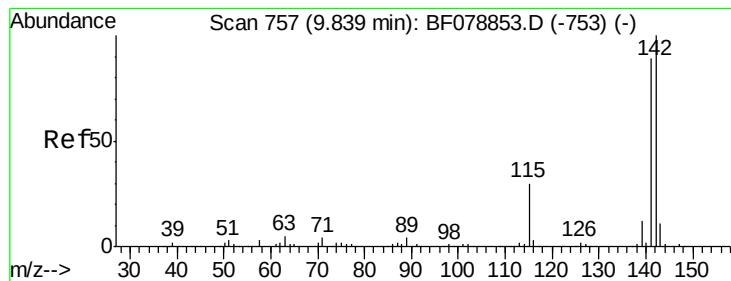
Tot Ion:113 Resp: 33136
 Ion Ratio Lower Upper
 113 100
 55 196.9 169.7 209.7
 56 148.0 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 27.02 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion:107 Resp: 111258
 Ion Ratio Lower Upper
 107 100
 144 28.7 19.8 29.6
 142 90.5 60.6 91.0

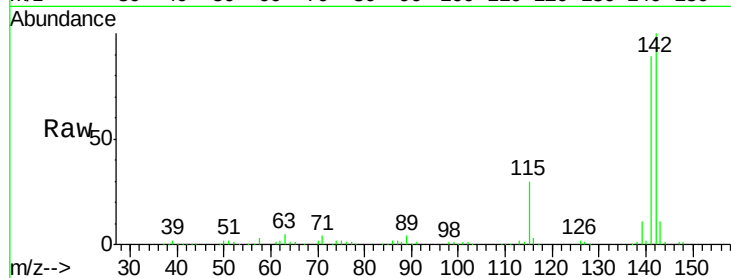




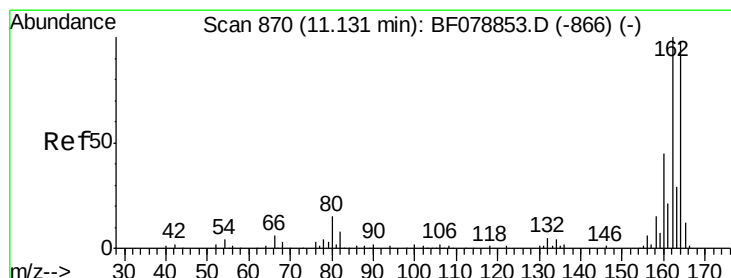
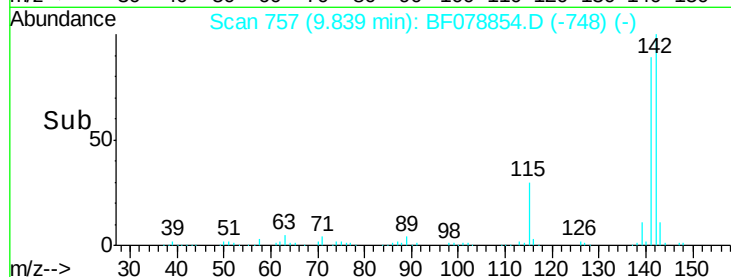
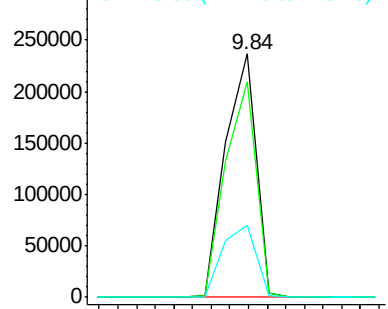
#37
 2-Methylnaphthalene
 Concen: 25.69 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 270172
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.9 106.3
 115 29.8 28.5 42.7

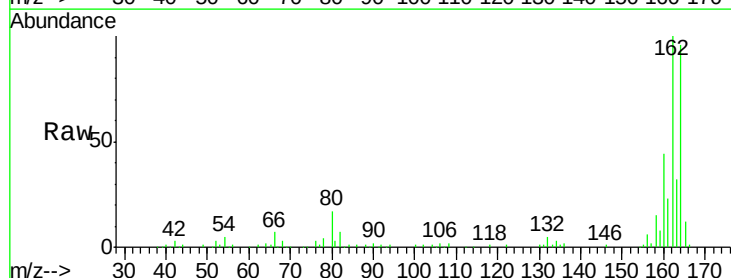


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

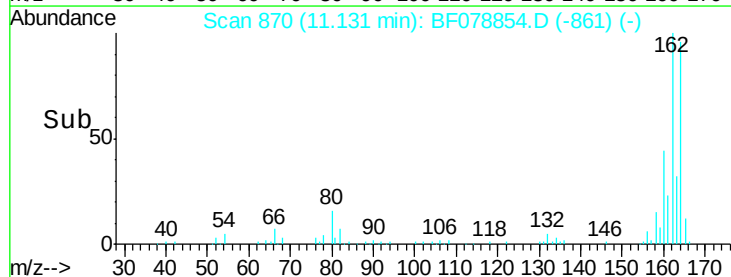
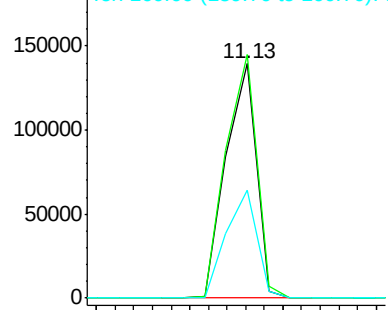


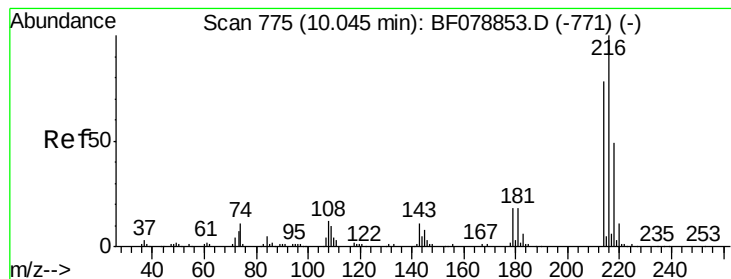
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion:164 Resp: 156838
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.7 124.1
 160 45.8 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.65 ng

RT: 10.04 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 109521

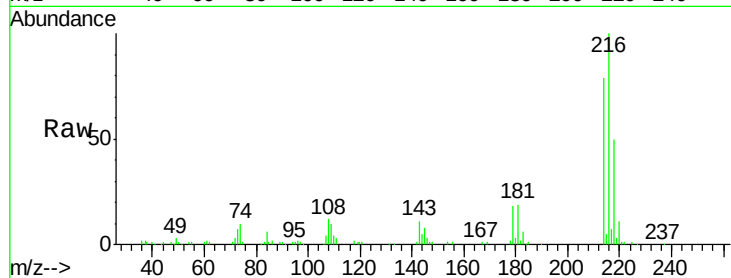
Ion Ratio Lower Upper

216 100

214 80.7 0.0 0.0#

179 21.2 0.0 0.0#

108 21.7 0.0 0.0#

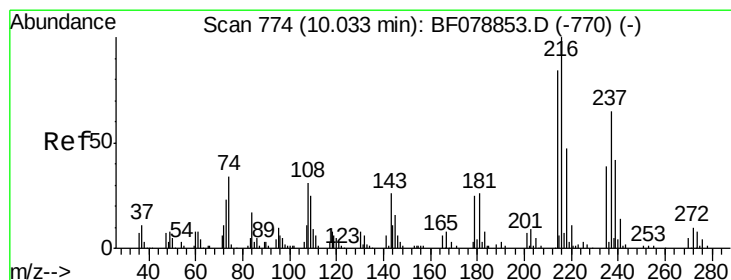
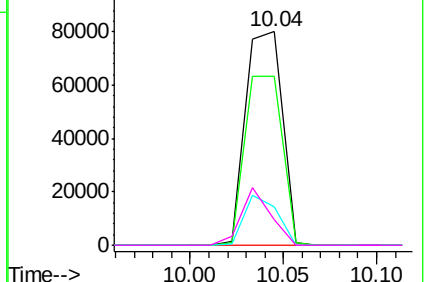
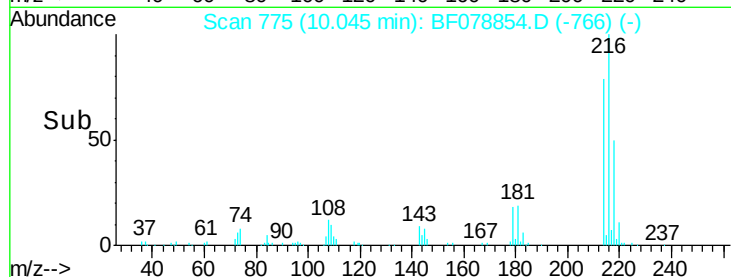


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 29.88 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

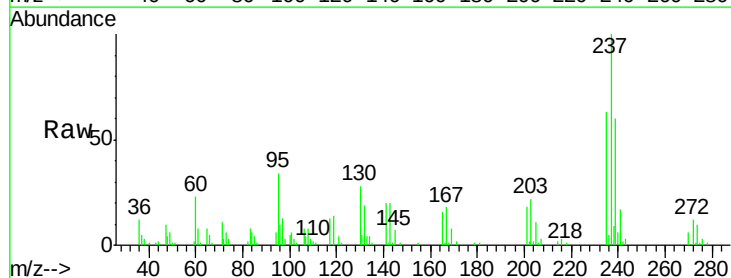
Tgt Ion:237 Resp: 55808

Ion Ratio Lower Upper

237 100

235 63.1 44.7 84.7

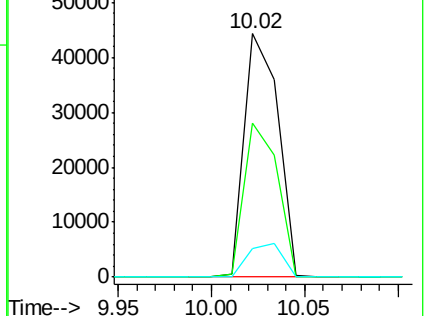
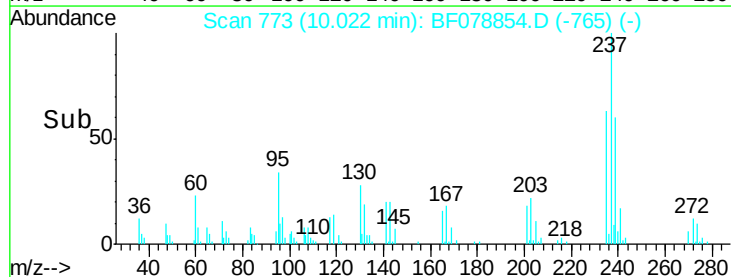
272 11.8 0.0 32.6

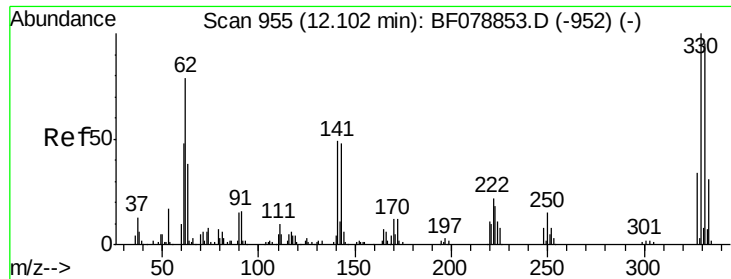


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

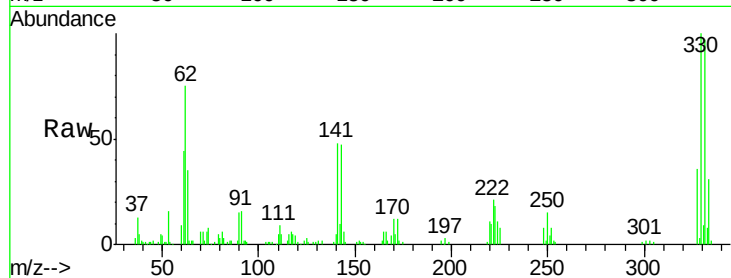




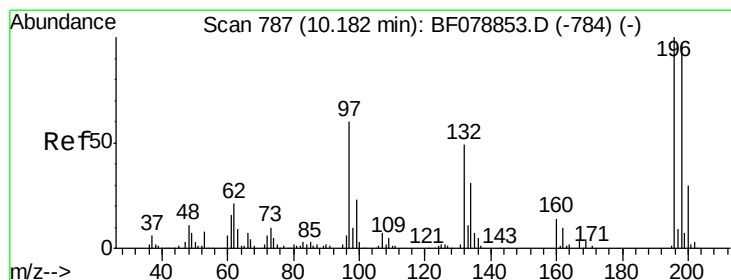
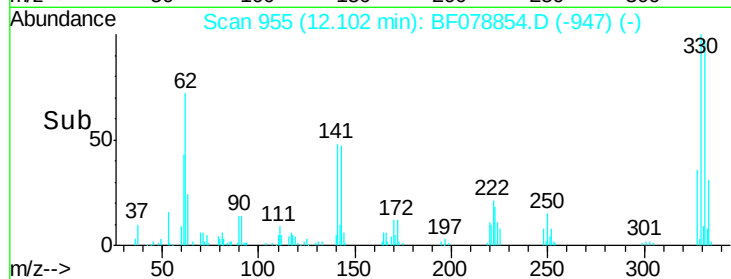
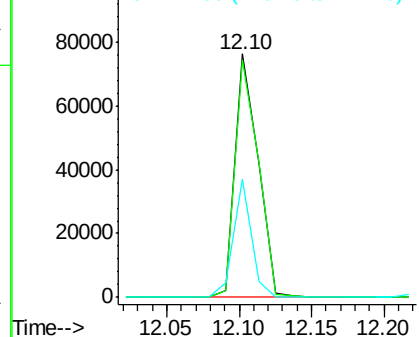
#41
 2,4,6-Tribromophenol
 Concen: 61.63 ng
 RT: 12.10 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 84045
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 37.9 0.0 0.0#

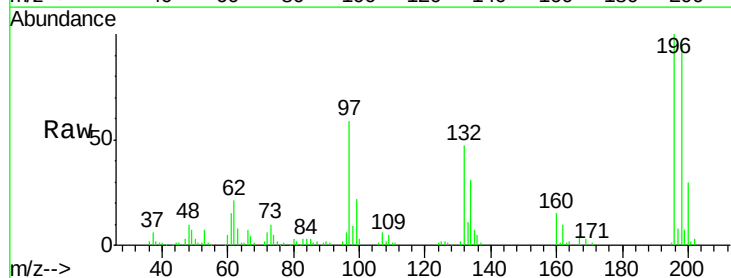


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

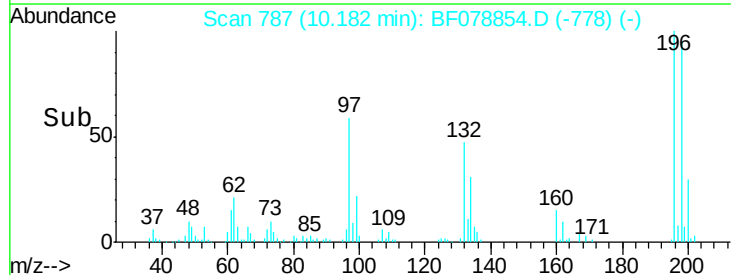
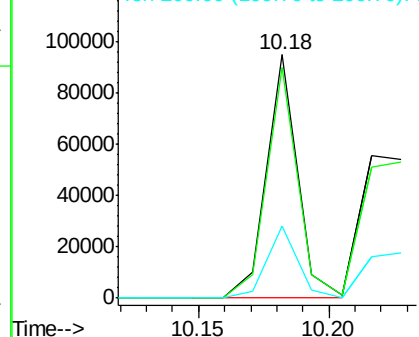


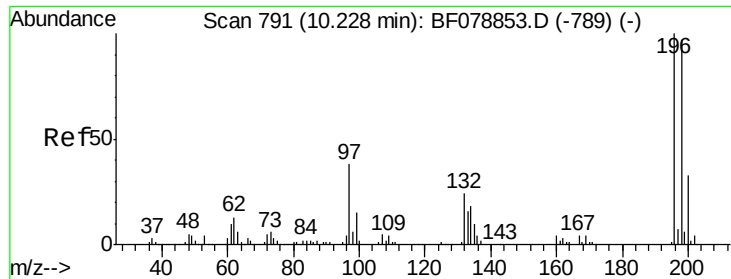
#42
 2,4,6-Trichlorophenol
 Concen: 29.21 ng
 RT: 10.18 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion:196 Resp: 79078
 Ion Ratio Lower Upper
 196 100
 198 95.0 80.5 120.7
 200 29.8 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

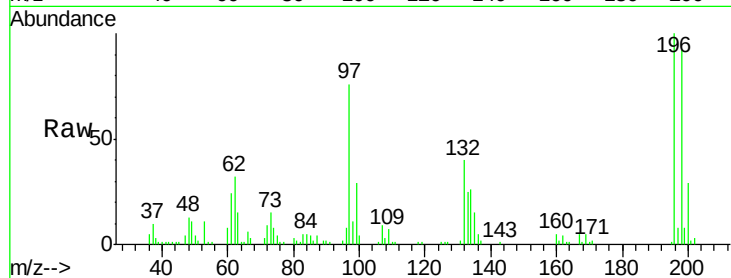




#43
 2,4,5-Trichlorophenol
 Concen: 26.67 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	79.8	119.6
97	76.2	46.0	69.0#
132	40.4	26.6	40.0#



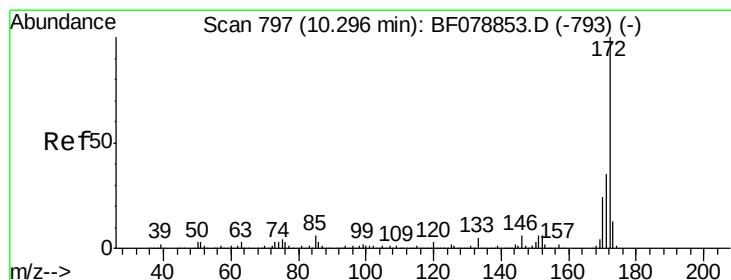
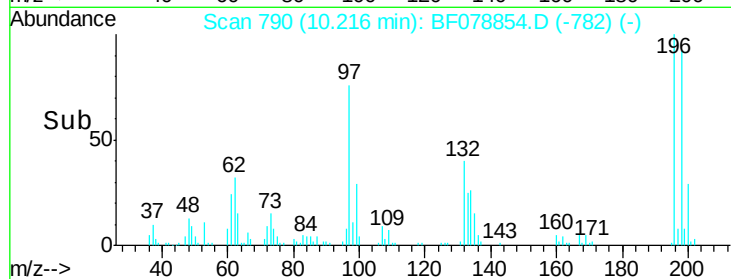
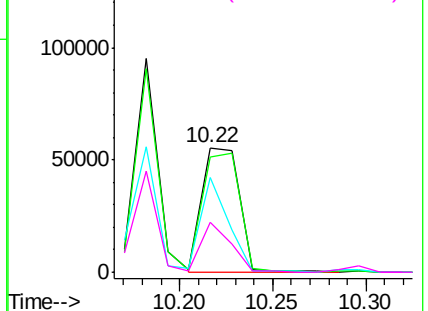
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

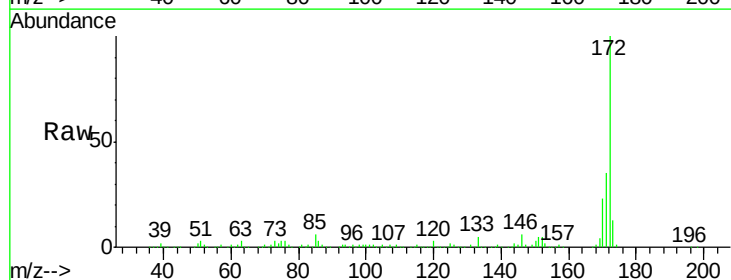
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 51.92 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.4	19.4	29.0

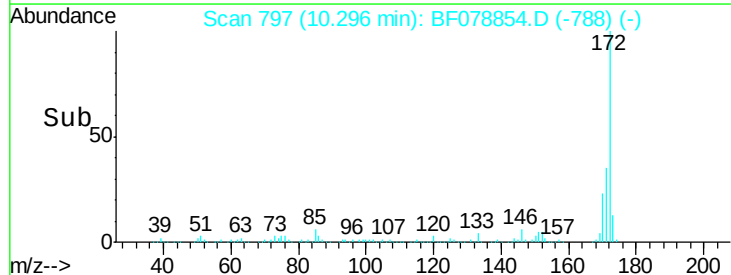
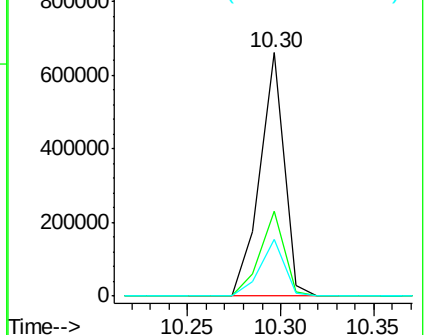


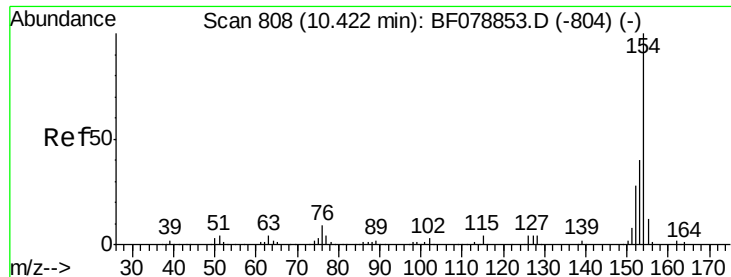
Abundance

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: 24.77 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

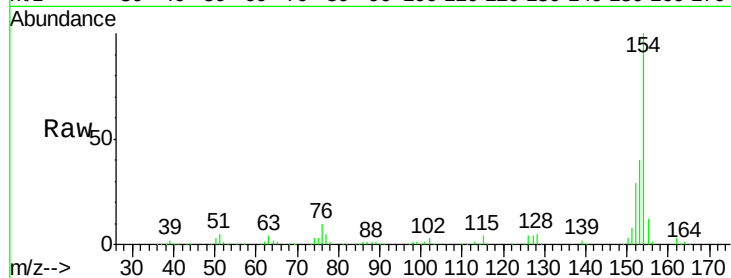
Tot Ion:154 Resp: 311791

Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

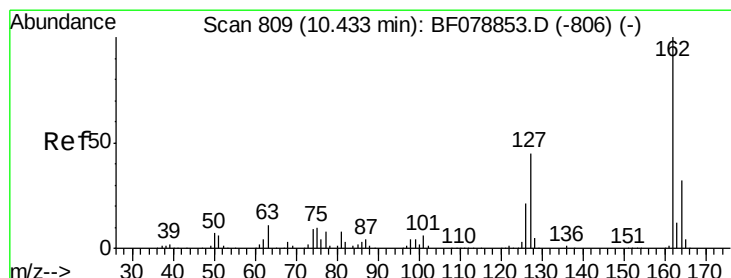
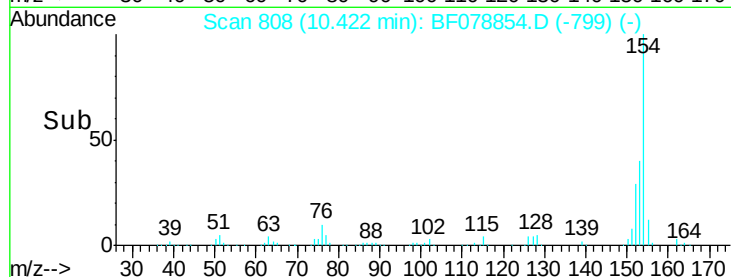
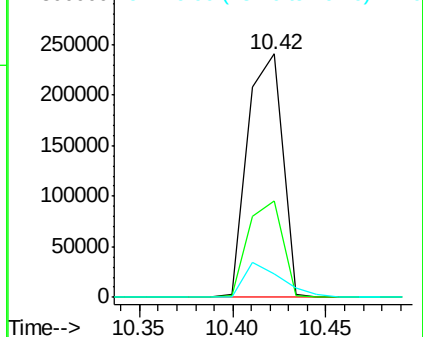
76 9.8 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 24.21 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

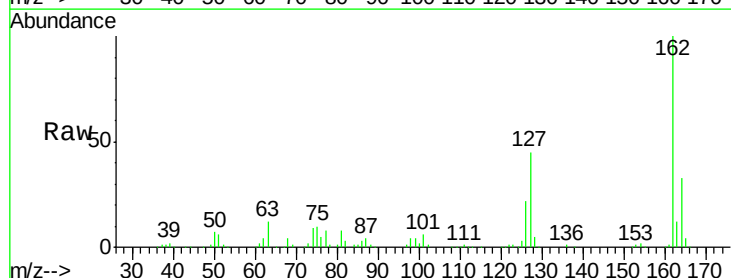
Tgt Ion:162 Resp: 238103

Ion Ratio Lower Upper

162 100

127 45.4 33.9 50.9

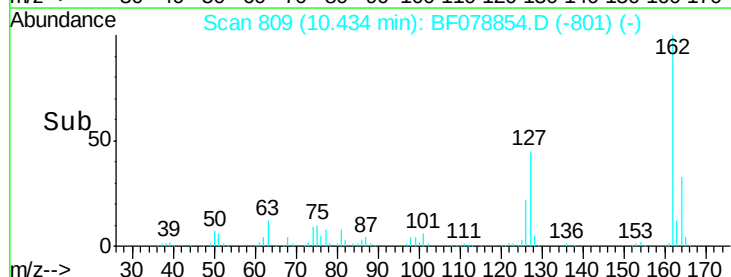
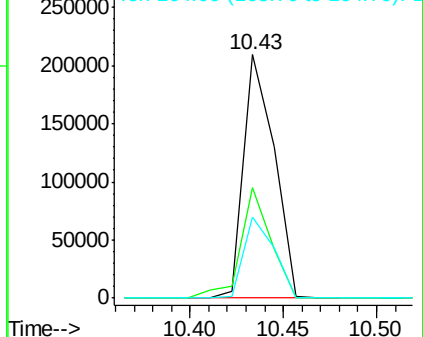
164 33.4 26.3 39.5

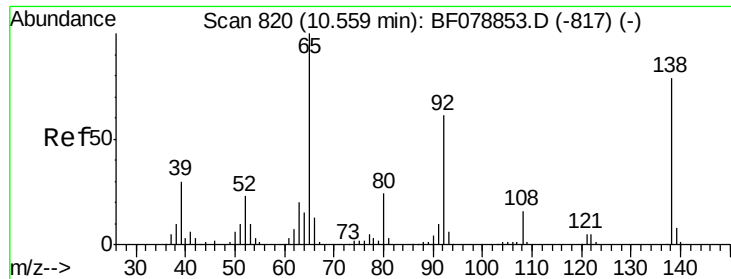


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

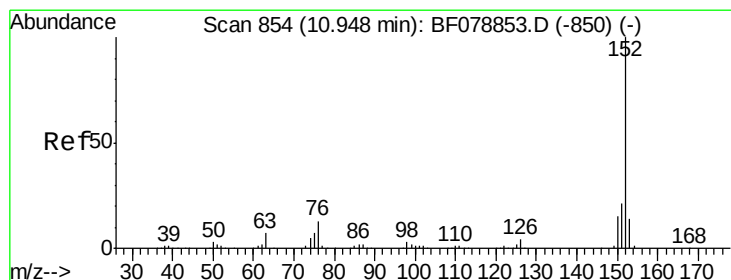
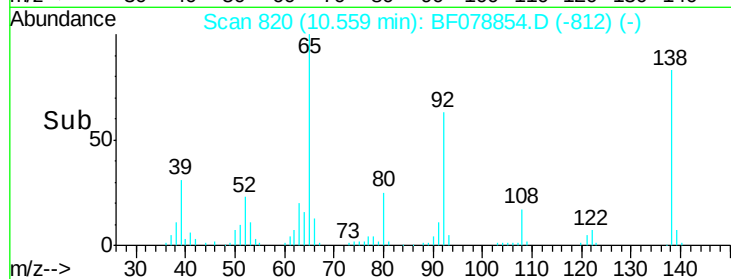
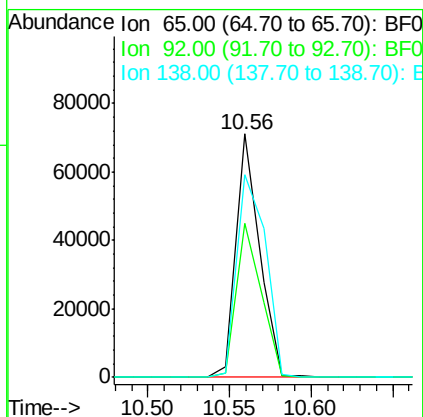
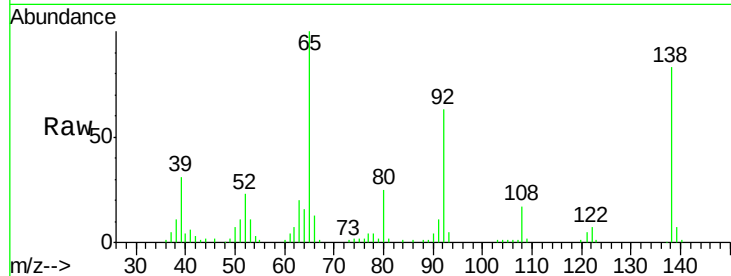




#47
2-Nitroaniline
Concen: 32.80 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

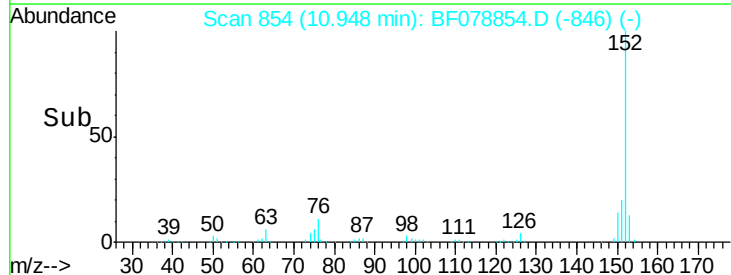
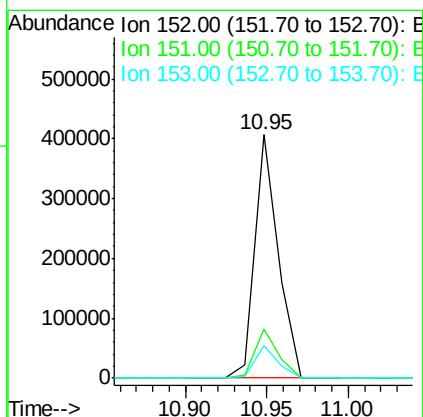
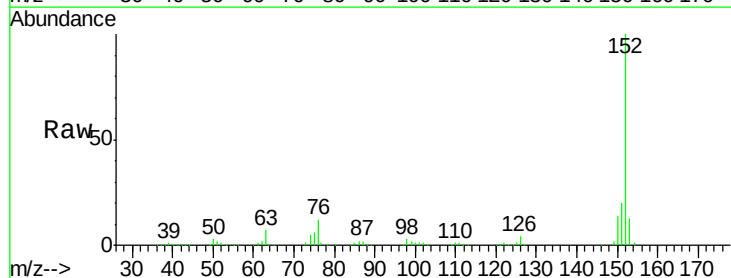
Instrument :
BNA_F
ClientSampled :

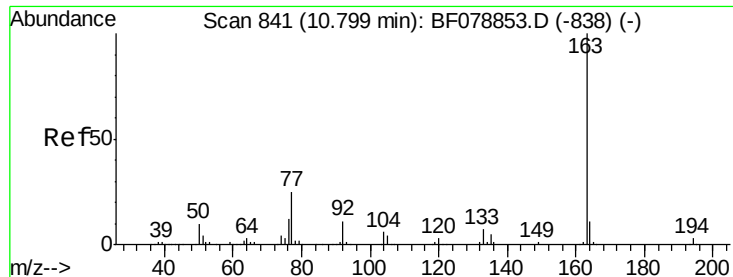
Tot Ion: 65 Resp: 70470
Ion Ratio Lower Upper
65 100
92 63.1 54.0 81.0
138 83.0 75.0 112.6



#48
Acenaphthylene
Concen: 25.17 ng
RT: 10.95 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion: 152 Resp: 405155
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 10.9 16.3

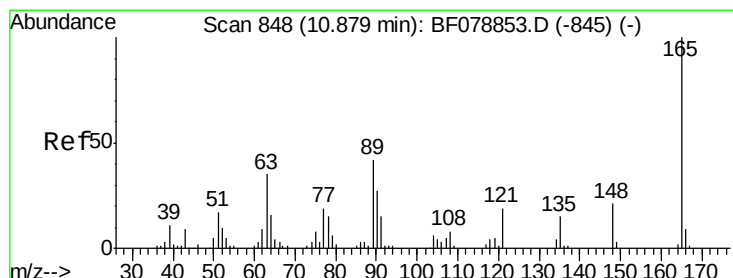
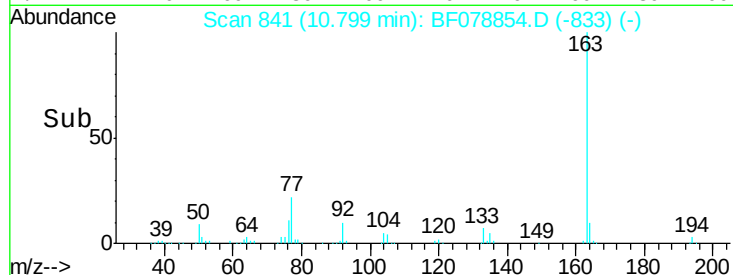
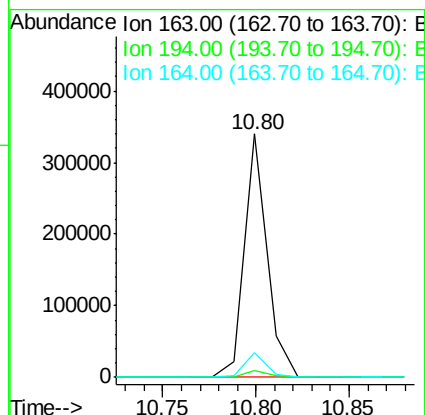
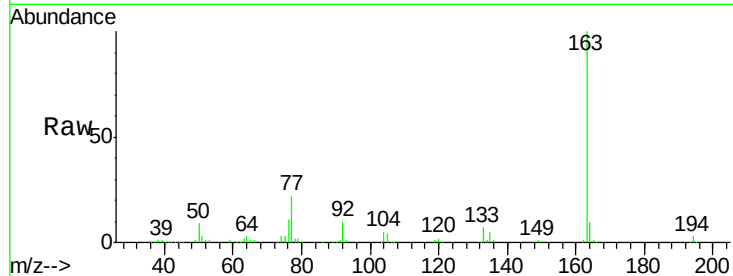




#49
Dimethylphthalate
Concen: 25.90 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

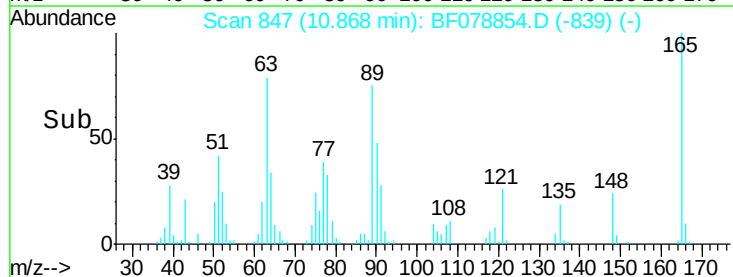
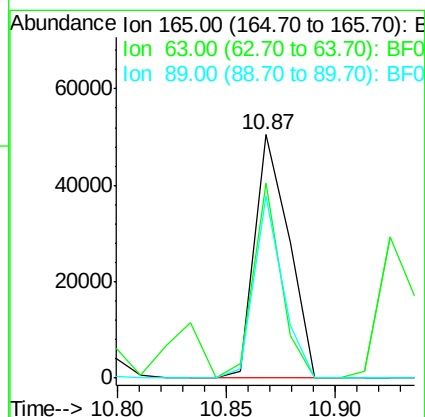
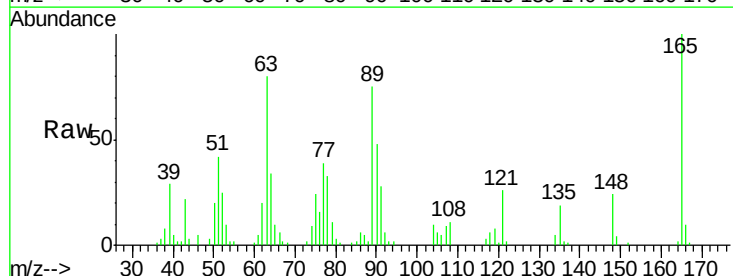
Instrument :
BNA_F
ClientSampleId :

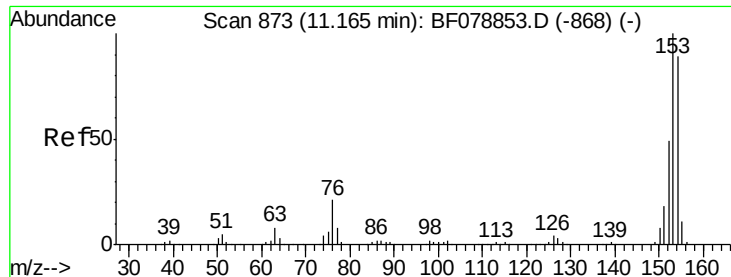
Tot Ion:163 Resp: 288741
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 30.23 ng
RT: 10.87 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion:165 Resp: 54909
Ion Ratio Lower Upper
165 100
63 80.1 54.4 81.6
89 74.7 55.7 83.5

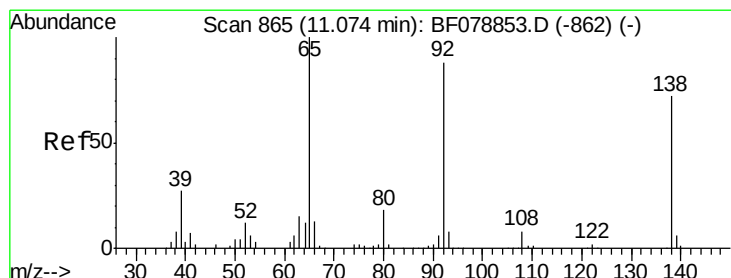
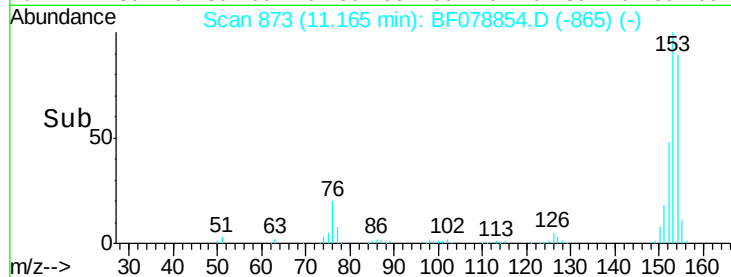
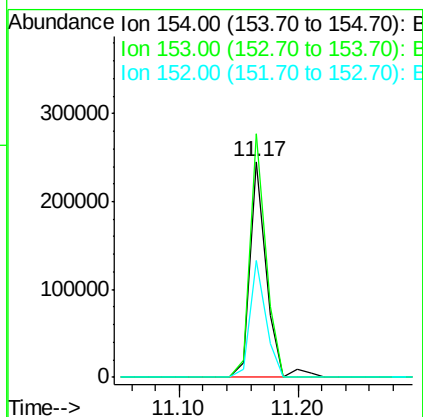
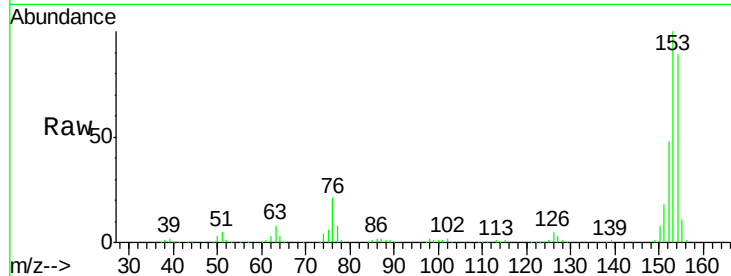




#51
Acenaphthene
Concen: 25.21 ng
RT: 11.17 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

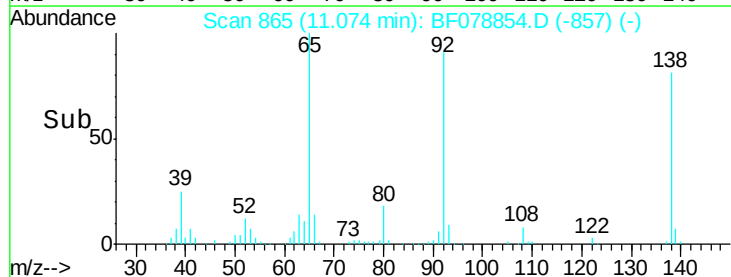
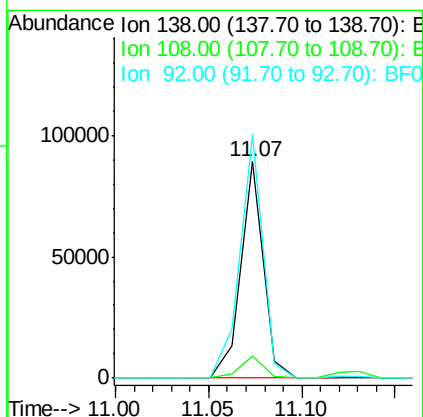
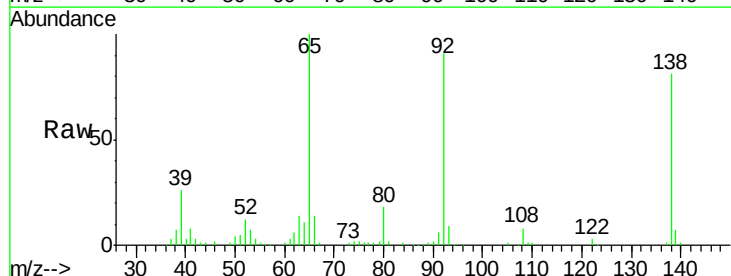
Instrument :
BNA_F
ClientSampleId :

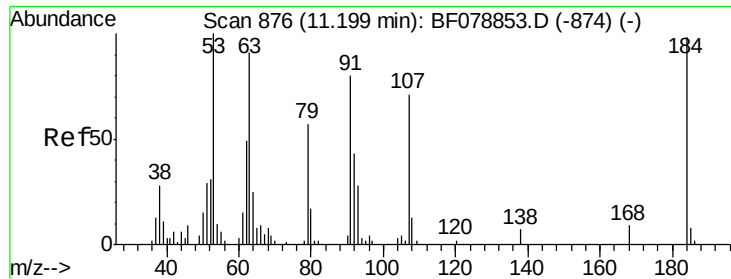
Tot Ion:154 Resp: 238333
Ion Ratio Lower Upper
154 100
153 113.0 91.5 137.3
152 54.3 44.2 66.4



#52
3-Nitroaniline
Concen: 31.91 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion:138 Resp: 75204
Ion Ratio Lower Upper
138 100
108 10.4 10.6 16.0#
92 112.5 81.8 122.6

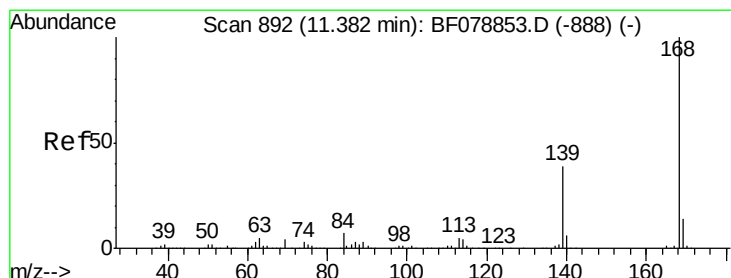
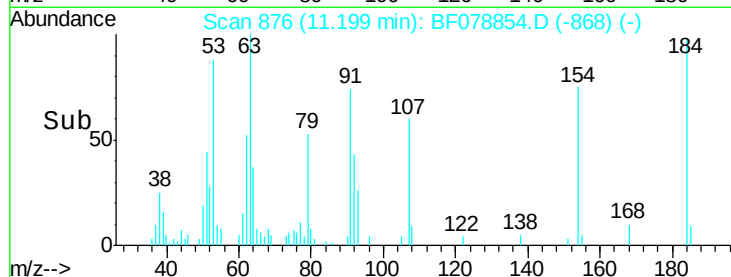
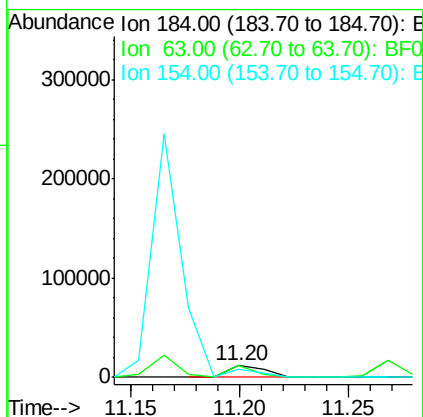
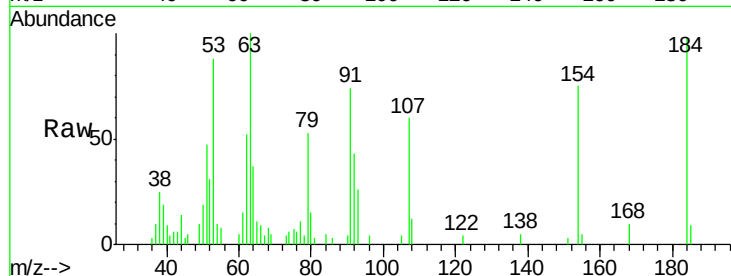




#53
 2,4-Dinitrophenol
 Concen: 52.89 ng
 RT: 11.20 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

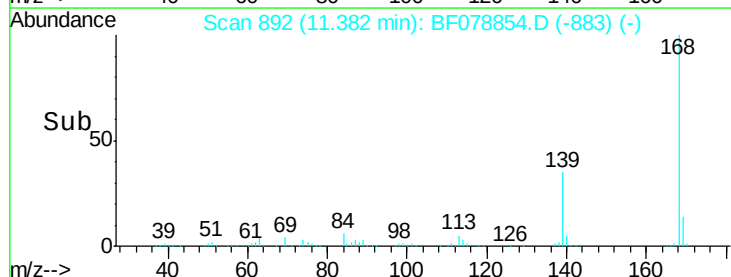
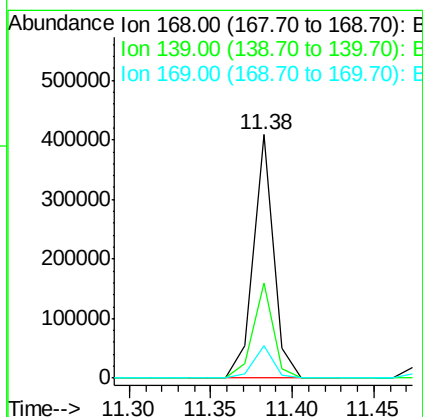
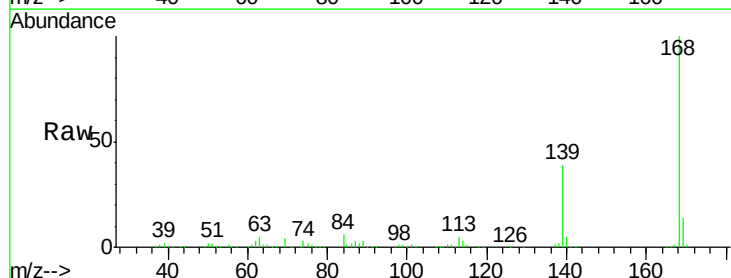
Instrument :
 BNA_F
 ClientSampled :

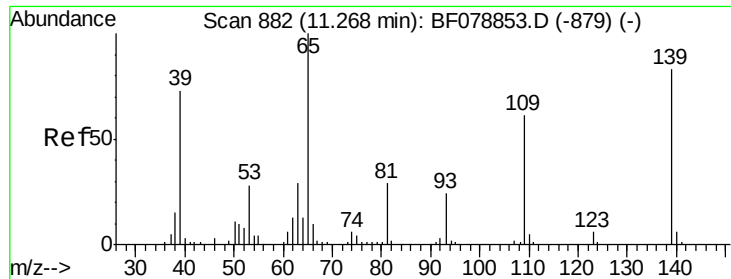
Tot Ion:184 Resp: 13341
 Ion Ratio Lower Upper
 184 100
 63 101.6 63.3 94.9#
 154 75.8 53.8 80.6



#54
 Dibenzofuran
 Concen: 25.44 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion:168 Resp: 352796
 Ion Ratio Lower Upper
 168 100
 139 39.3 31.0 46.4
 169 13.5 10.6 16.0

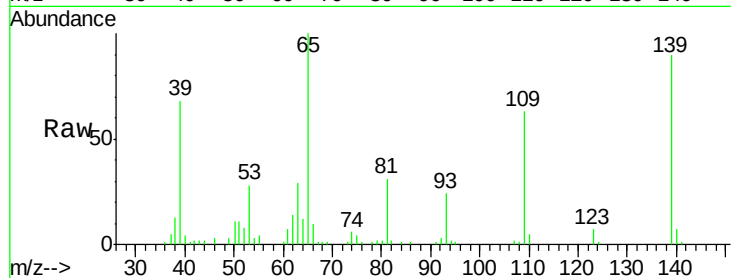




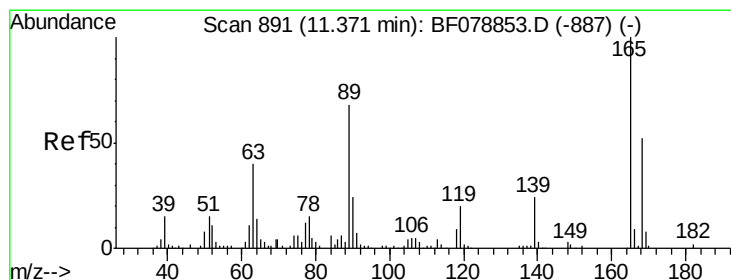
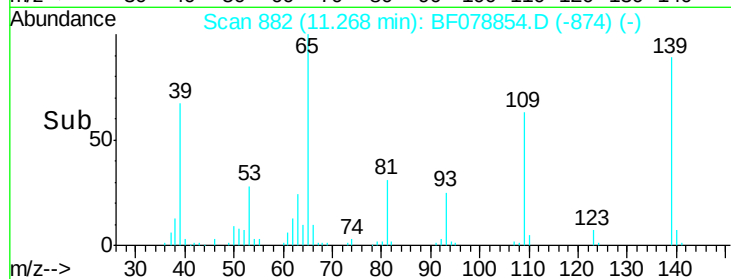
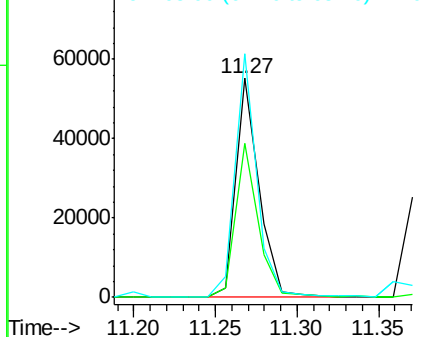
#55
4-Nitrophenol
Concen: 33.55 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 54211
Ion Ratio Lower Upper
139 100
109 70.2 47.6 87.6
65 111.3 54.3 94.3#

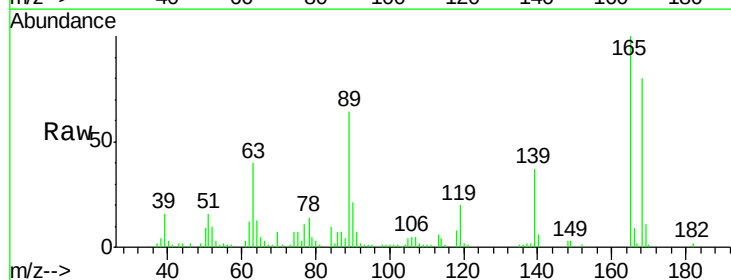


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

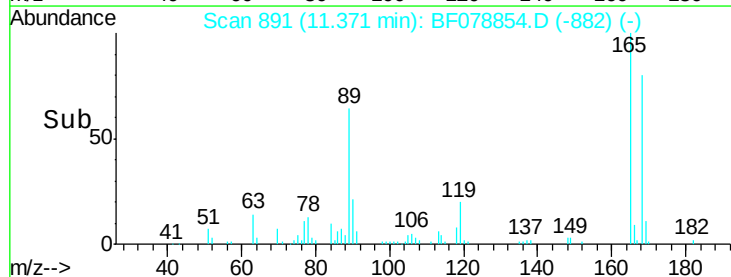
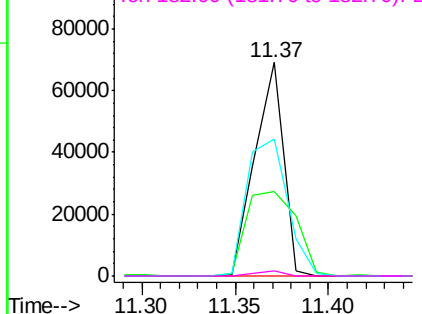


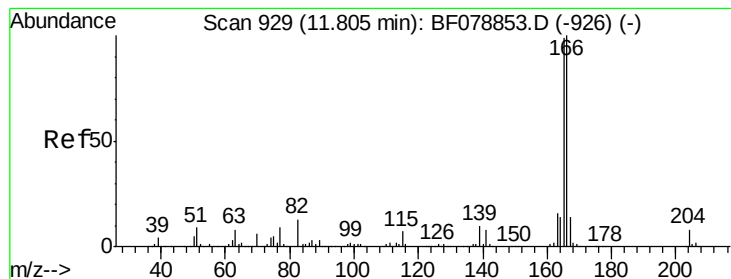
#56
2,4-Dinitrotoluene
Concen: 34.85 ng
RT: 11.37 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion:165 Resp: 73038
Ion Ratio Lower Upper
165 100
63 39.7 51.2 76.8#
89 64.0 82.7 124.1#
182 2.3 1.4 2.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 25.99 ng

RT: 11.81 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

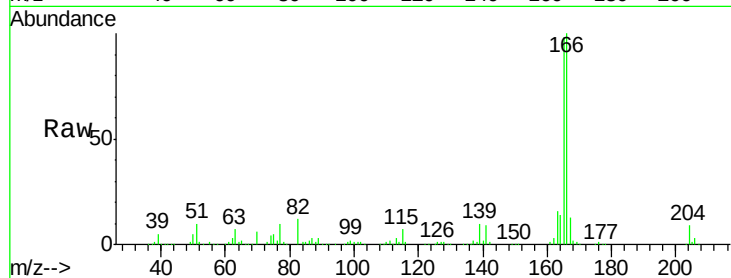
Tot Ion:166 Resp: 288142

Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

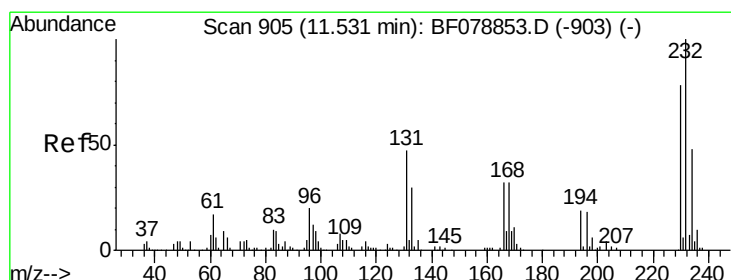
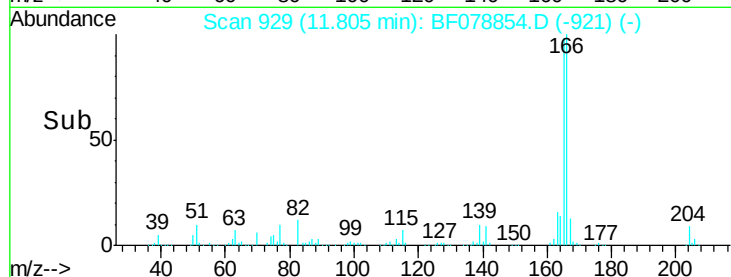
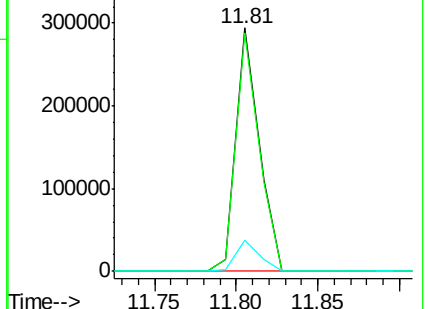
167 12.8 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.26 ng

RT: 11.53 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Tgt Ion:232 Resp: 63138

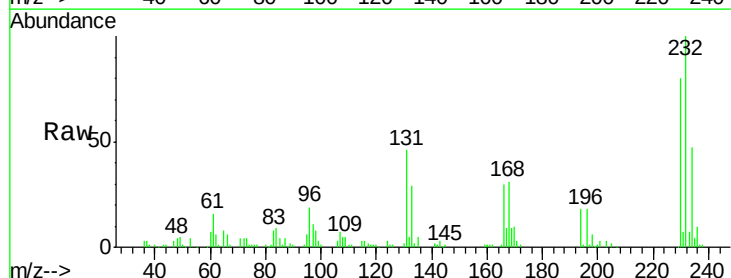
Ion Ratio Lower Upper

232 100

131 51.7 0.0 0.0#

130 2.6 0.0 0.0#

166 32.6 0.0 0.0#

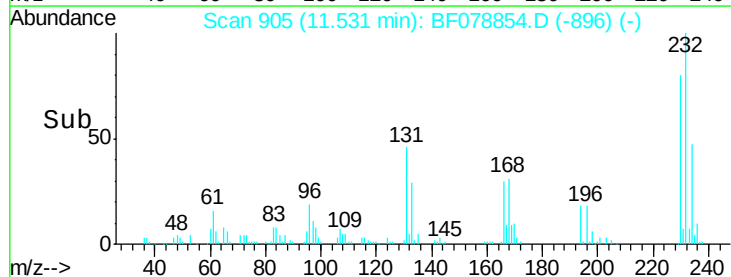
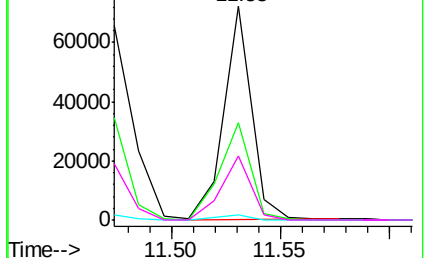


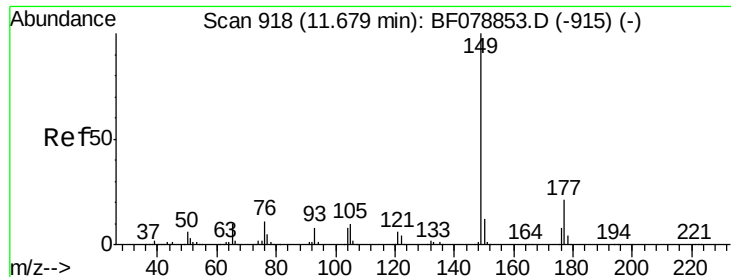
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

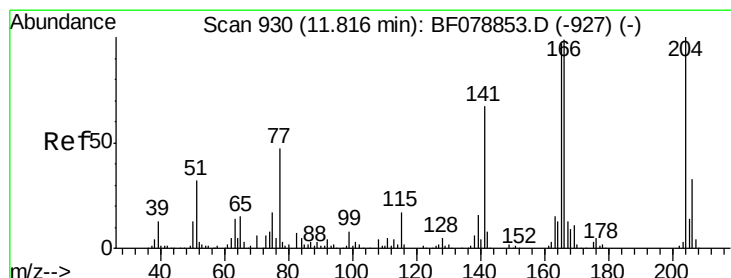
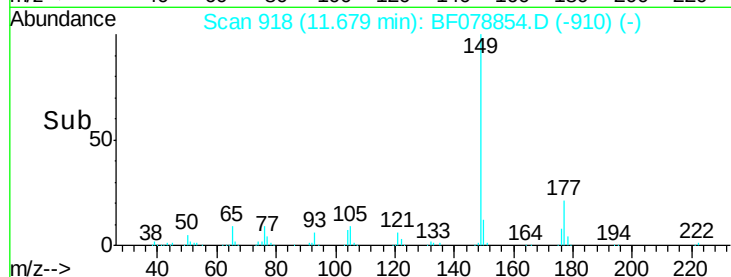
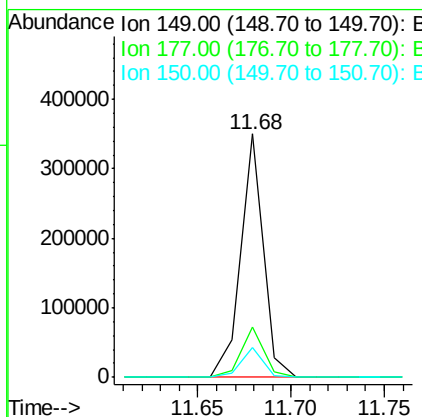
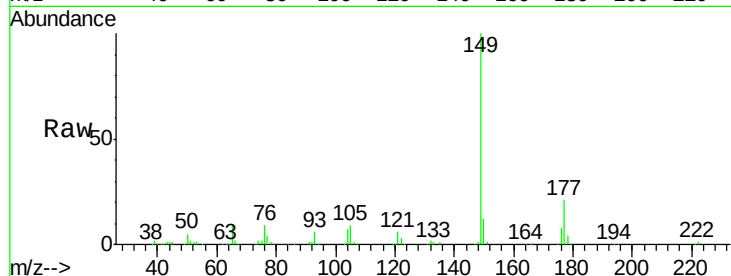




#59
Diethylphthalate
Concen: 26.73 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

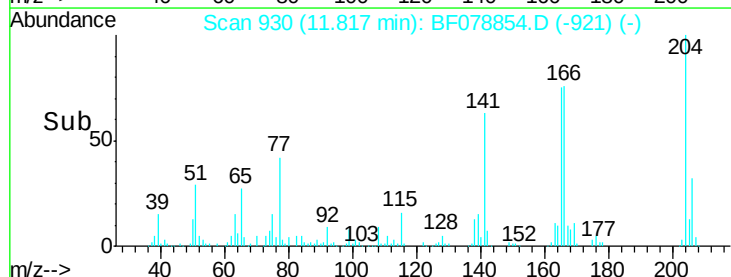
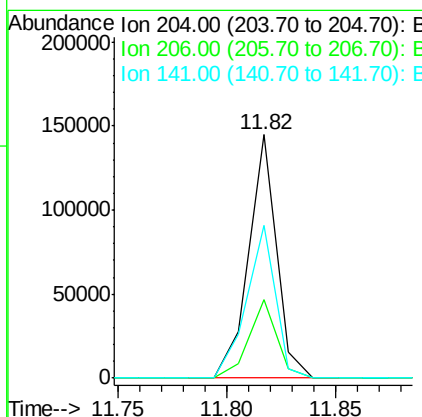
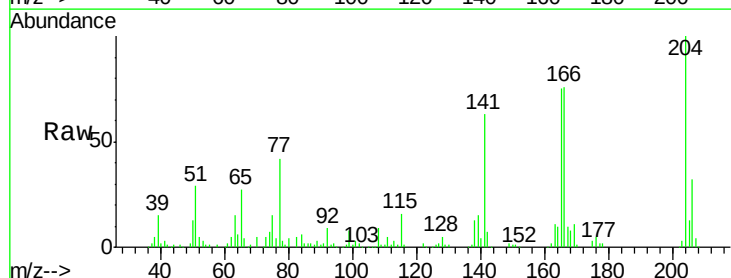
Instrument :
BNA_F
ClientSampleId :

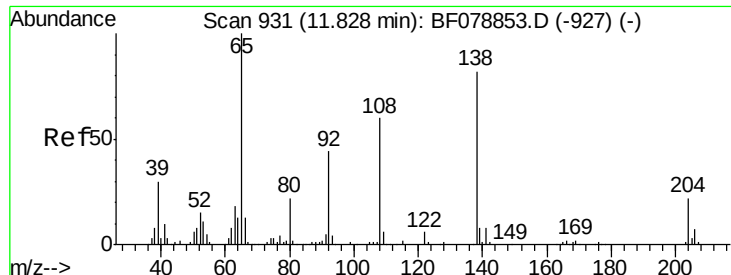
Tot Ion:149 Resp: 296604
Ion Ratio Lower Upper
149 100
177 20.5 17.5 26.3
150 12.3 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 26.17 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion:204 Resp: 129102
Ion Ratio Lower Upper
204 100
206 32.0 26.9 40.3
141 62.6 48.3 72.5

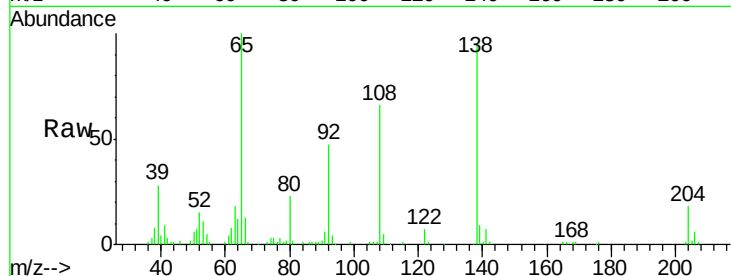




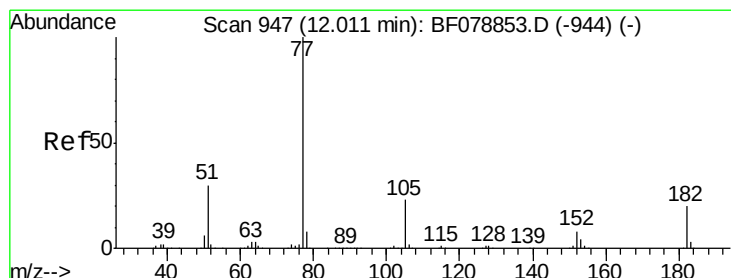
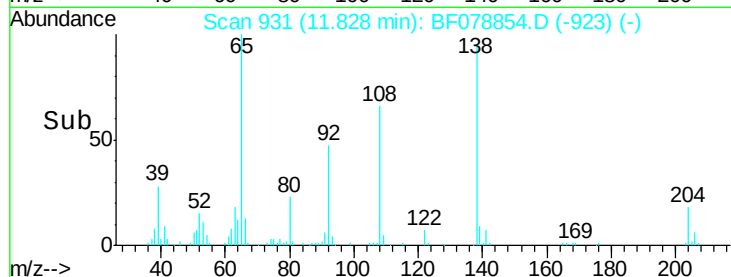
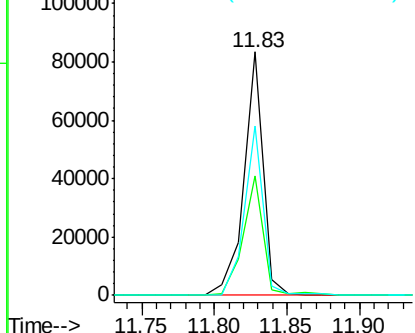
#61
4-Nitroaniline
Concen: 32.03 ng
RT: 11.83 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 76774
Ion Ratio Lower Upper
138 100
92 49.2 28.0 68.0
108 69.4 56.3 96.3

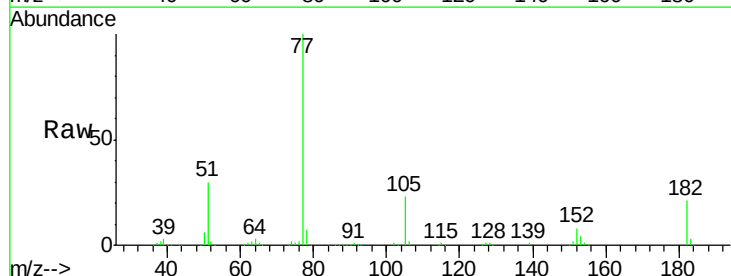


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

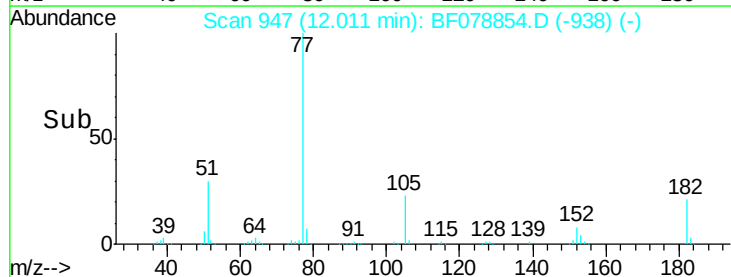
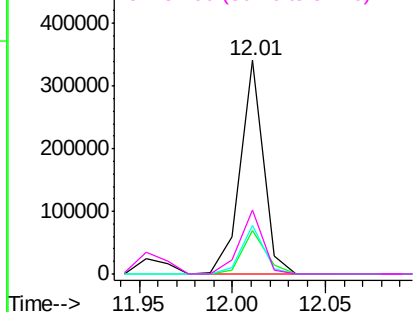


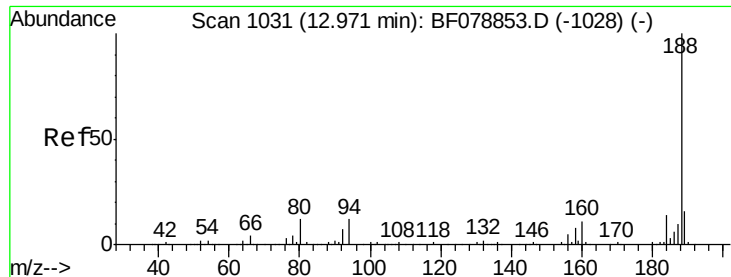
#62
Azobenzene
Concen: 26.16 ng
RT: 12.01 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion: 77 Resp: 295930
Ion Ratio Lower Upper
77 100
182 20.6 3.8 43.8
105 23.0 3.9 43.9
51 29.9 10.8 50.8



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

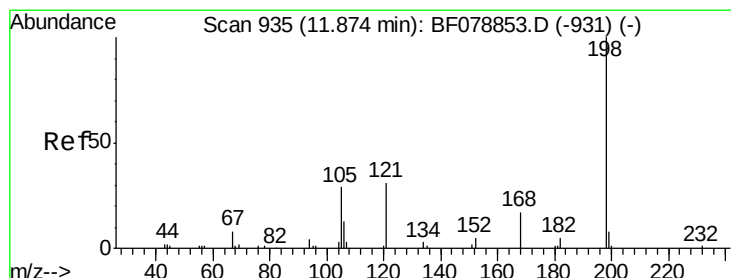
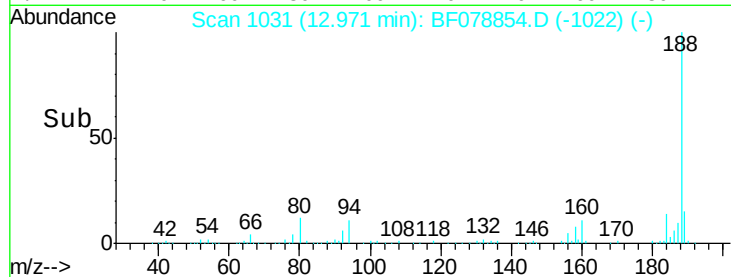
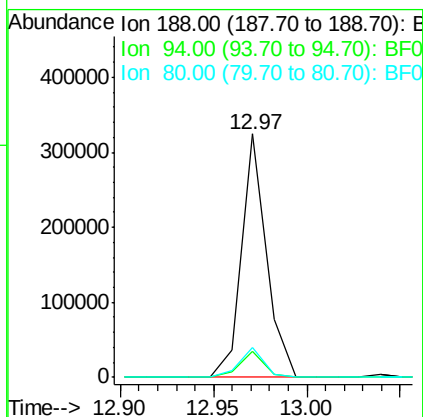
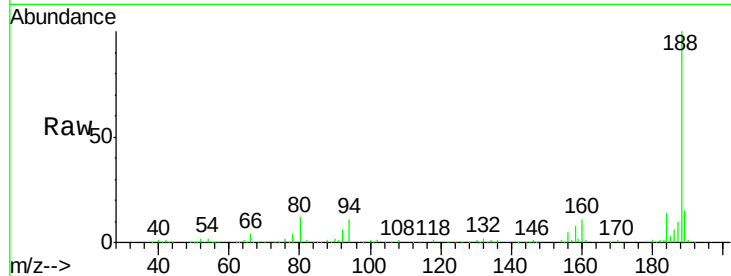




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

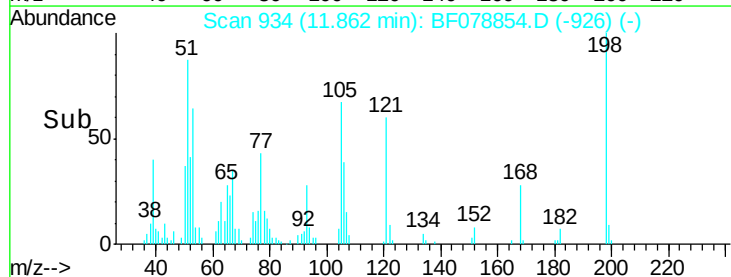
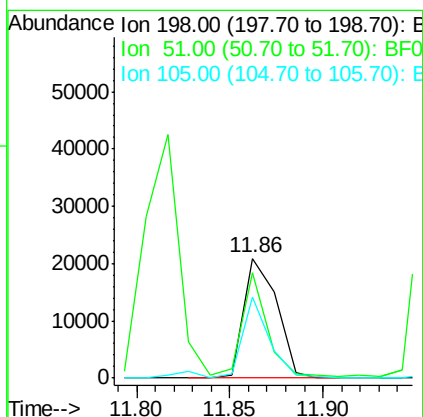
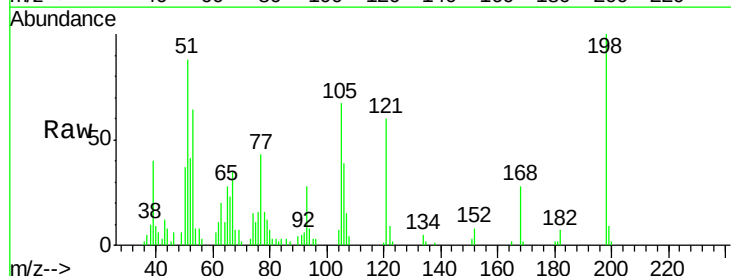
Instrument :
 BNA_F
 ClientSampleId :

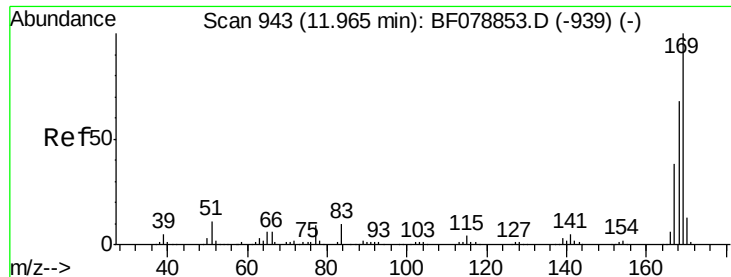
Tot Ion	188	Resp	301311
Ion Ratio	100		
Lower	8.2		
Upper	12.2		
80	12.1	8.9	13.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.54 ng
 RT: 11.86 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion	198	Resp	25488
Ion Ratio	100		
Lower	47.3		
Upper	87.3		
51	88.3	38.8	78.8
105	67.3		

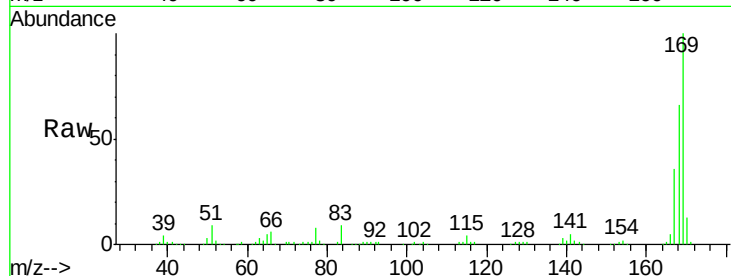




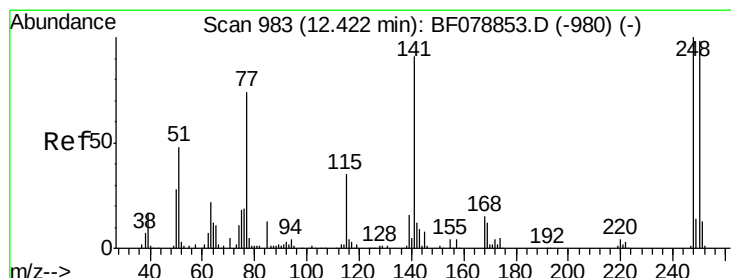
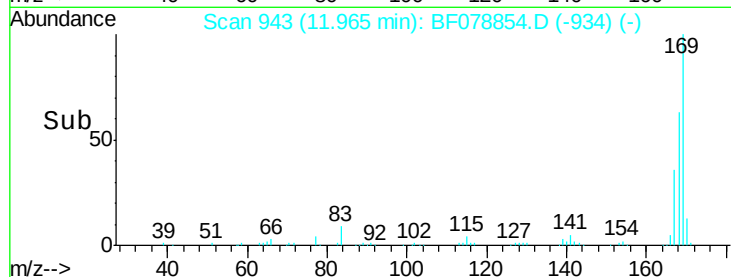
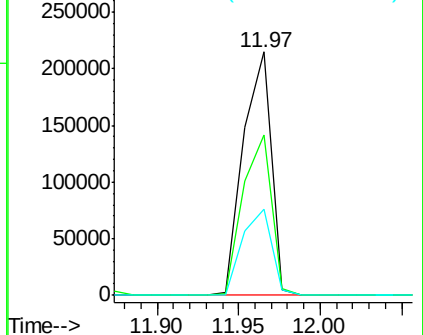
#65
 n-Nitrosodiphenylamine
 Concen: 26.05 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 253761
 Ion Ratio Lower Upper
 169 100
 168 65.7 54.6 82.0
 167 35.6 30.6 45.8

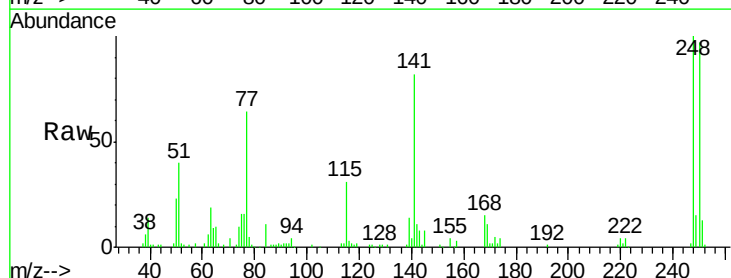


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

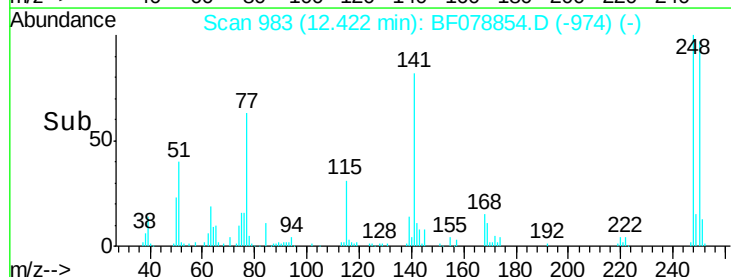
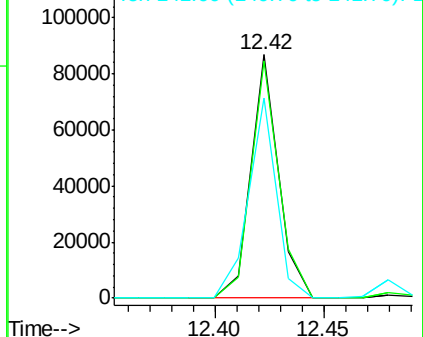


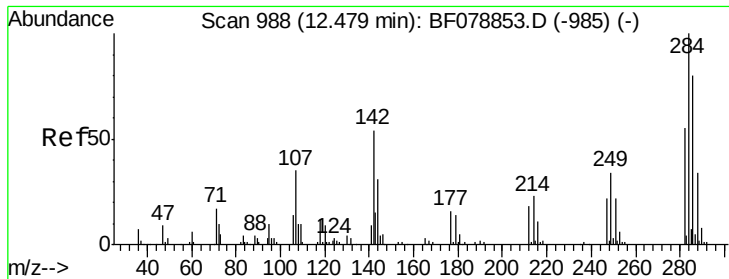
#66
 4-Bromophenyl-phenylether
 Concen: 25.15 ng
 RT: 12.42 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion:248 Resp: 76492
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.1 115.7
 141 82.3 58.8 88.2



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

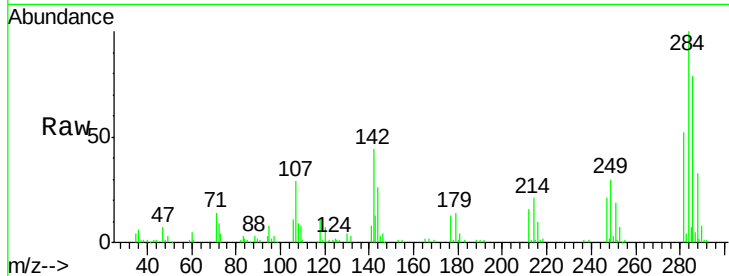




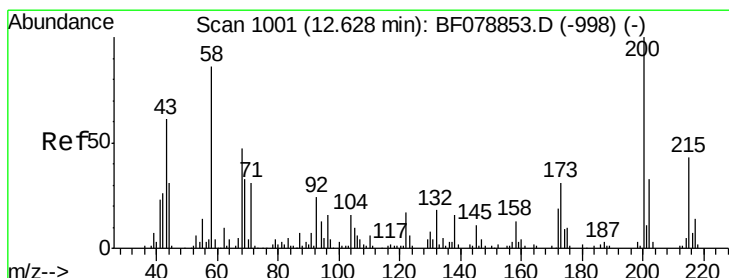
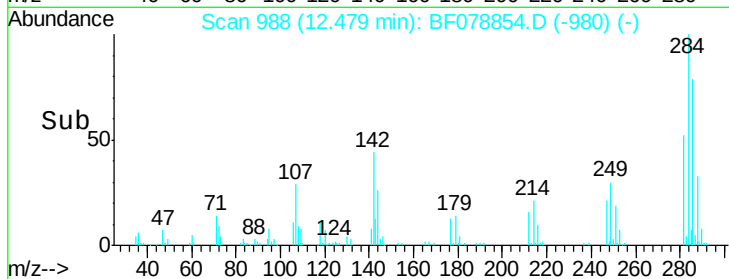
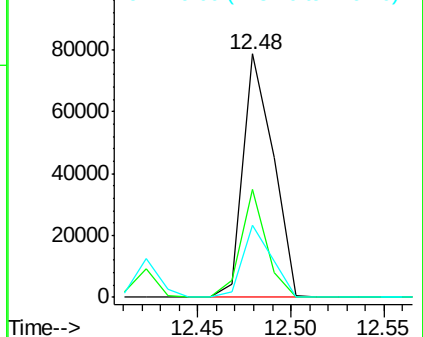
#67
Hexachlorobenzene
Concen: 25.61 ng
RT: 12.48 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 88230
Ion Ratio Lower Upper
284 100
142 44.1 35.2 52.8
249 29.7 25.4 38.2

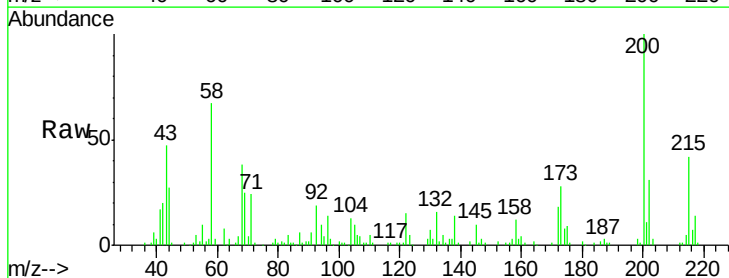


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

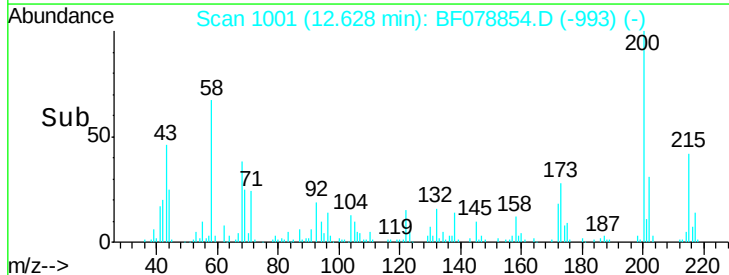
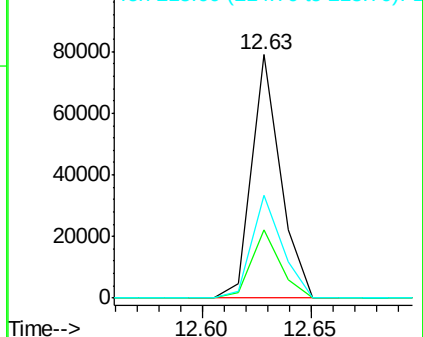


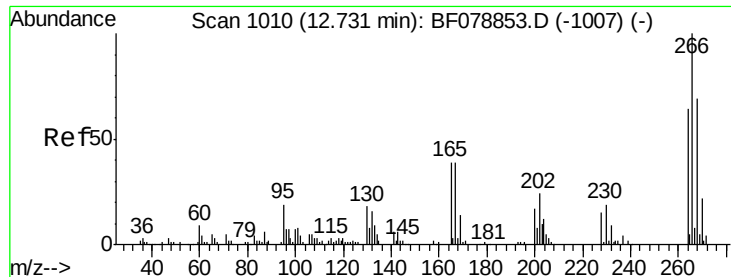
#68
Atrazine
Concen: 27.90 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion:200 Resp: 72805
Ion Ratio Lower Upper
200 100
173 28.1 8.1 48.1
215 42.4 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

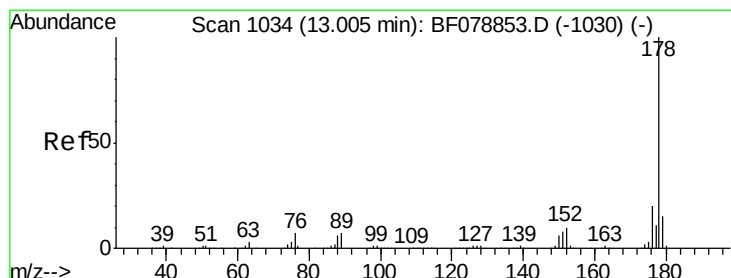
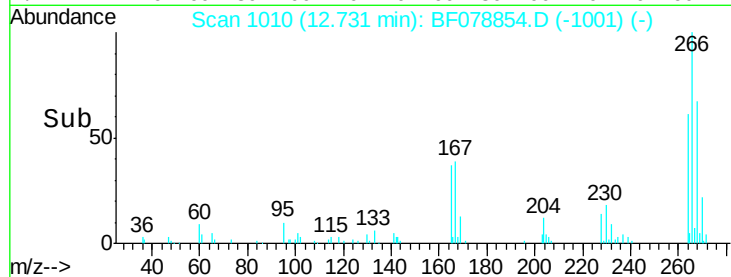
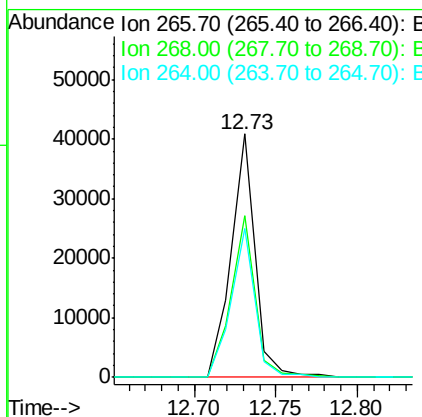
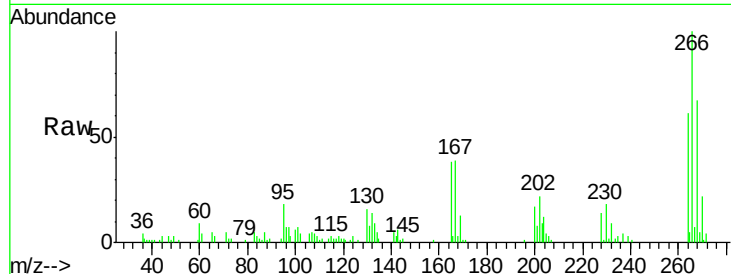




#69
 Pentachlorophenol
 Concen: 28.81 ng
 RT: 12.73 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

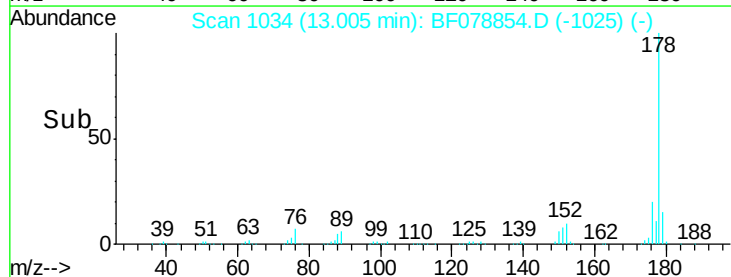
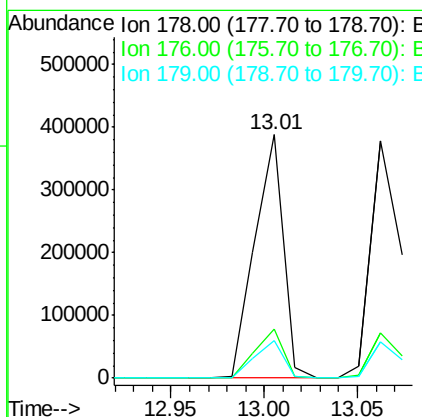
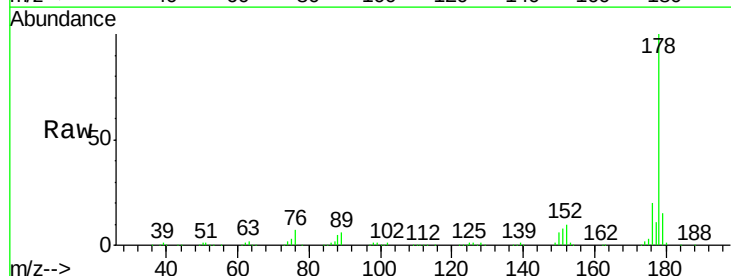
Instrument :
 BNA_F
 ClientSampleId :

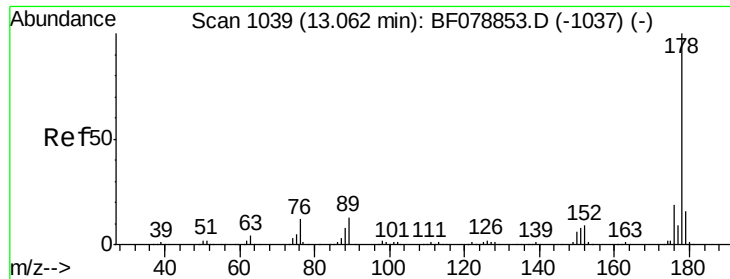
Tot Ion:266 Resp: 41318
 Ion Ratio Lower Upper
 266 100
 268 66.5 55.0 82.6
 264 61.2 48.2 72.2



#70
 Phenanthrene
 Concen: 25.64 ng
 RT: 13.01 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion:178 Resp: 418331
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.5 12.5 18.7

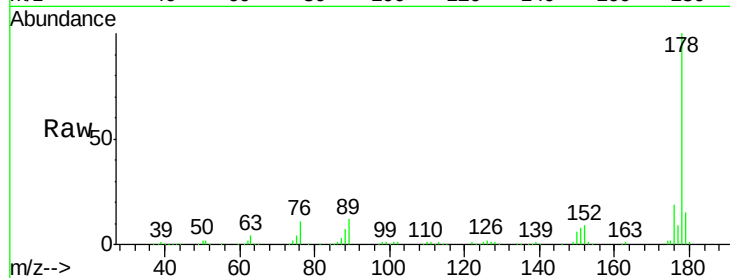




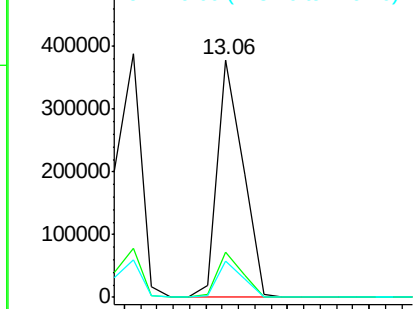
#71
 Anthracene
 Concen: 25.86 ng
 RT: 13.06 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampled :

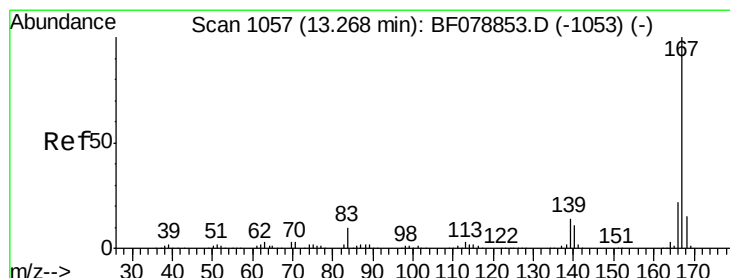
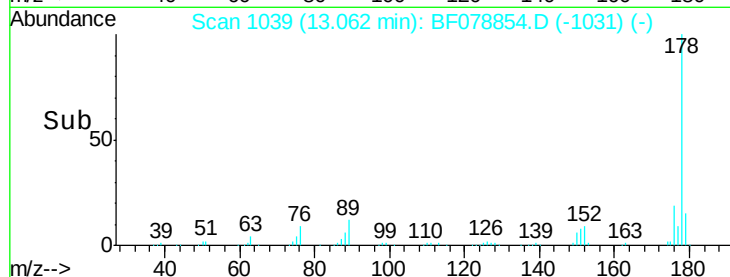
Tot Ion:178 Resp: 412551
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.4 12.7 19.1



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

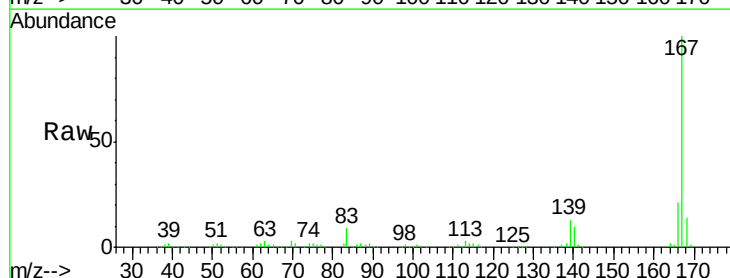


Time--> 13.00 13.05 13.10 13.15

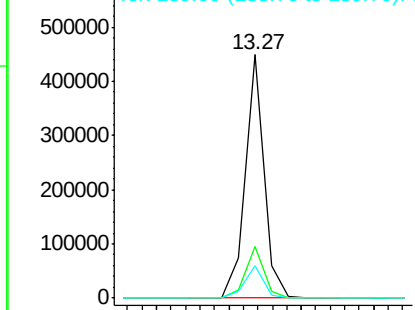


#72
 Carbazole
 Concen: 26.73 ng
 RT: 13.27 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

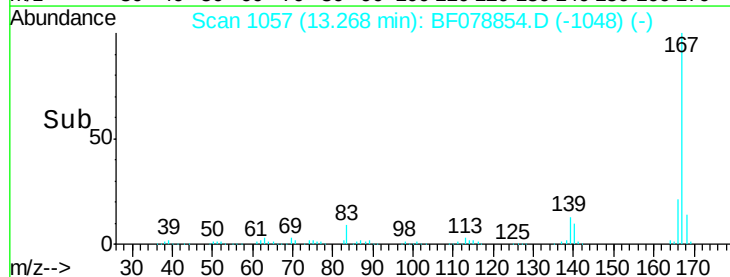
Tgt Ion:167 Resp: 402658
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.8 26.8
 139 13.4 10.6 16.0

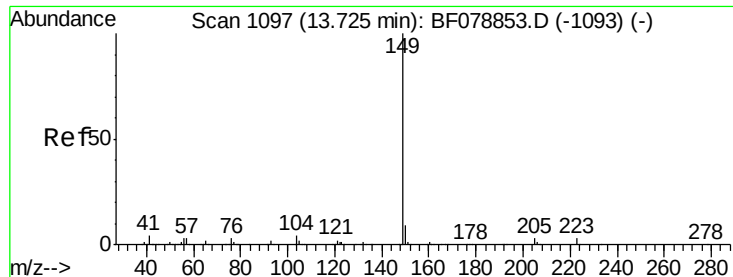


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 13.20 13.25 13.30 13.35





#73

Di-n-butylphthalate

Concen: 27.07 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

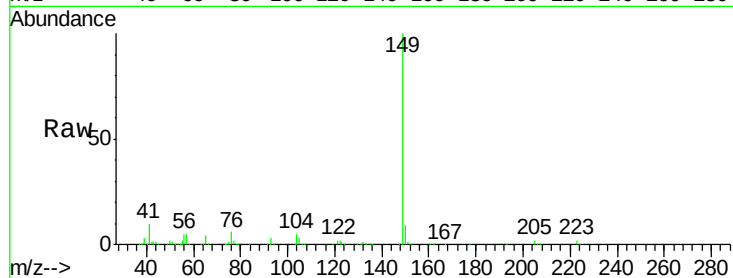
Tot Ion:149 Resp: 472337

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

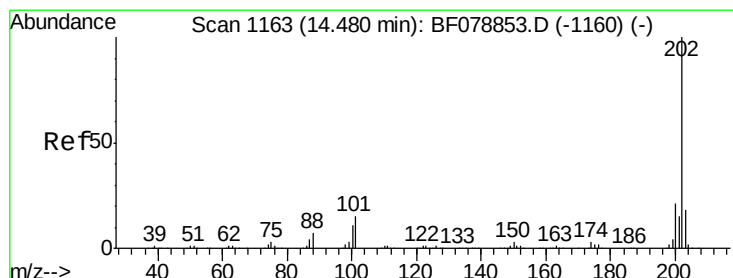
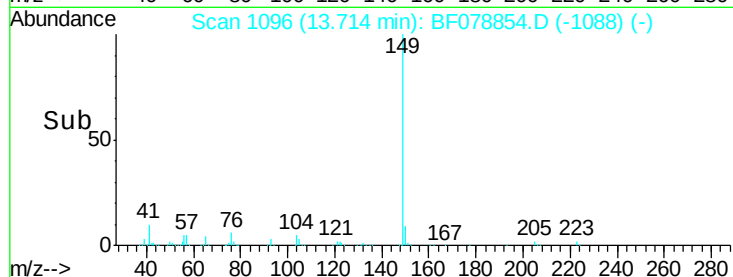
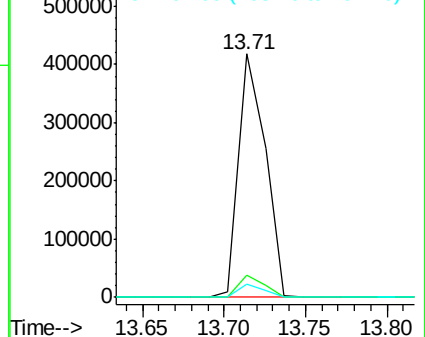
104 5.4 4.6 7.0



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: 27.22 ng

RT: 14.48 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

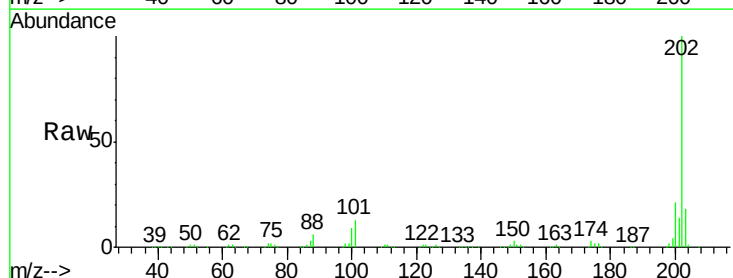
Tgt Ion:202 Resp: 442855

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.6

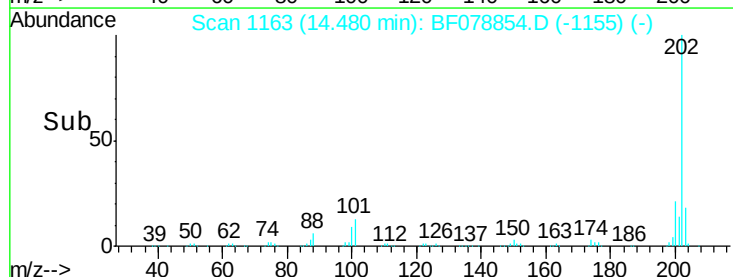
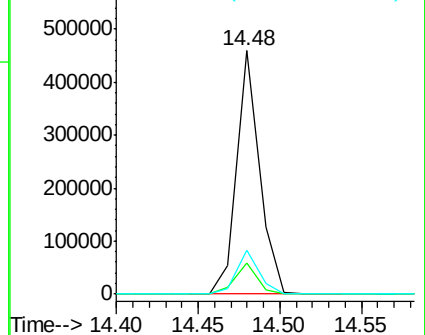
203 18.2 0.0 38.4

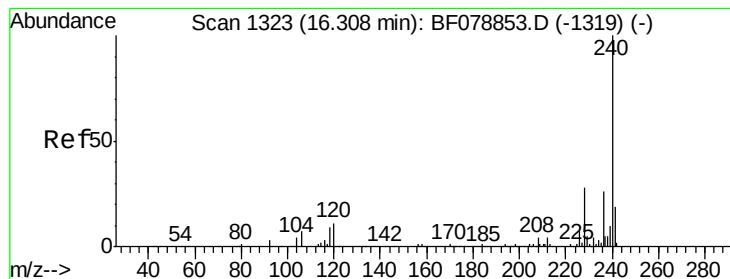


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

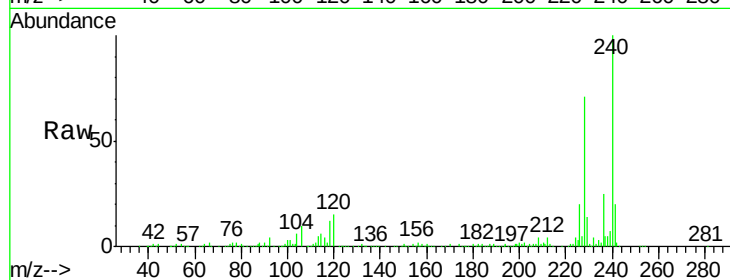
Tot Ion:240 Resp: 325374

Ion Ratio Lower Upper

240 100

120 14.9 9.7 14.5#

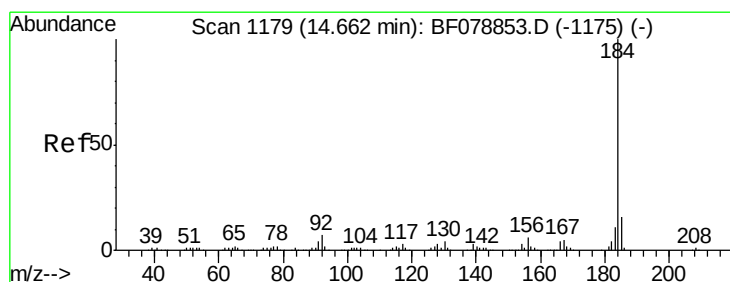
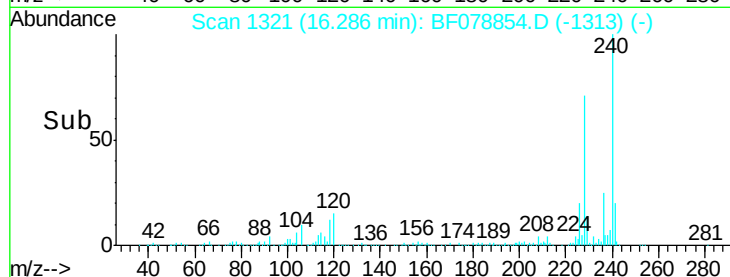
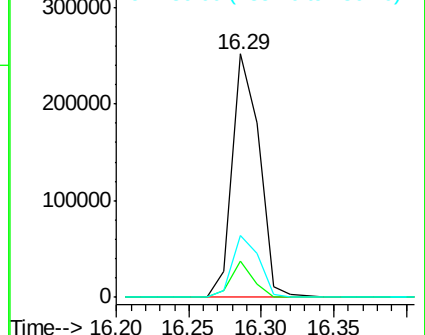
236 25.3 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.02 ng

RT: 14.66 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

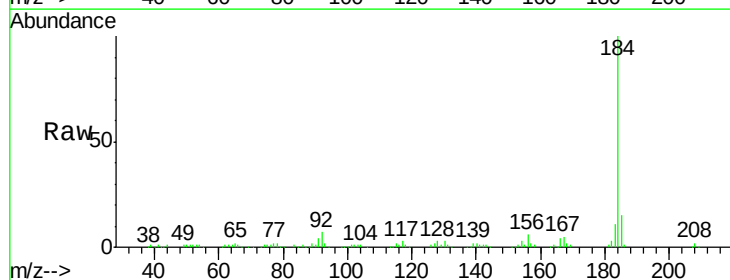
Tgt Ion:184 Resp: 210819

Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

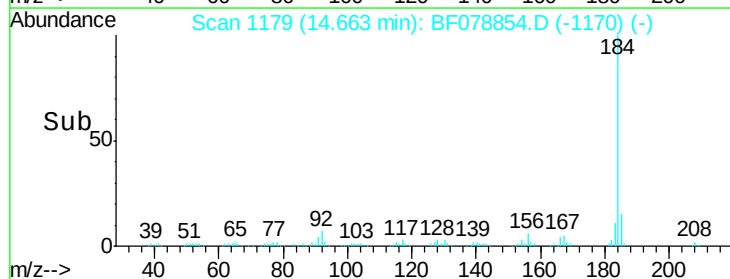
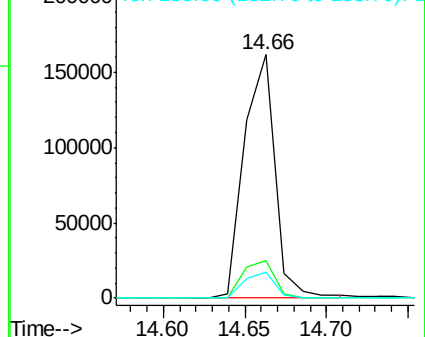
183 10.7 8.4 12.6

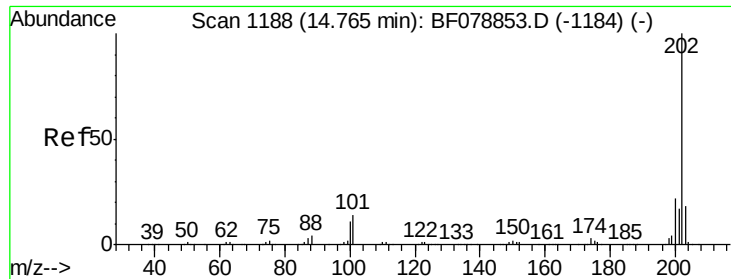


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

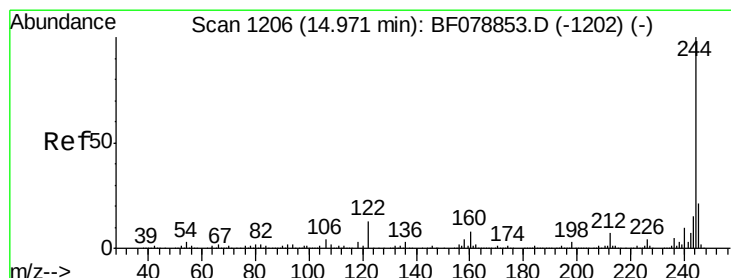
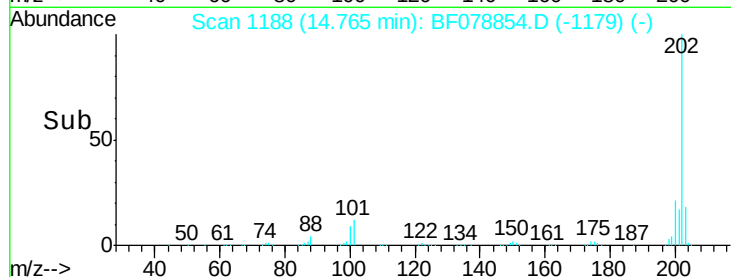
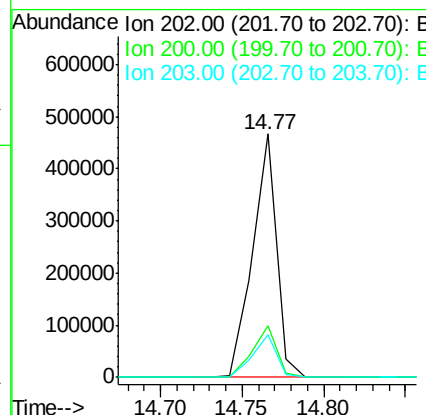
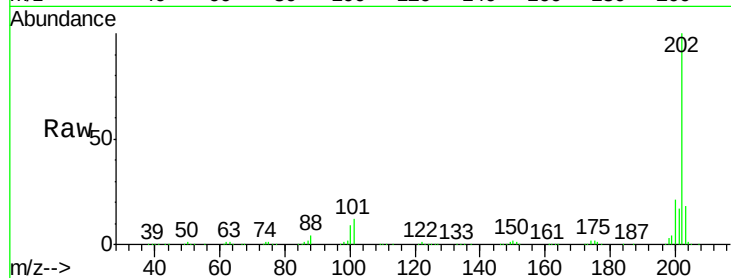




#77
 Pvrene
 Concen: 25.08 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

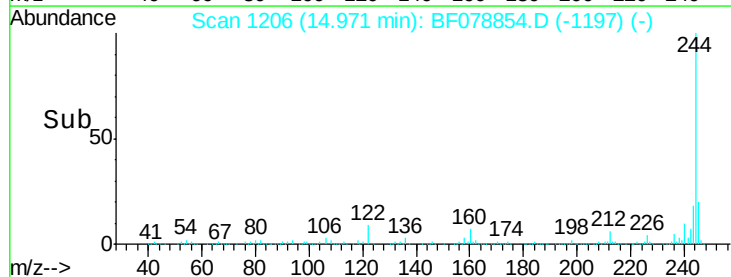
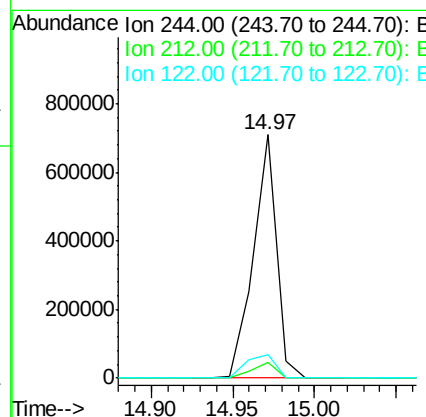
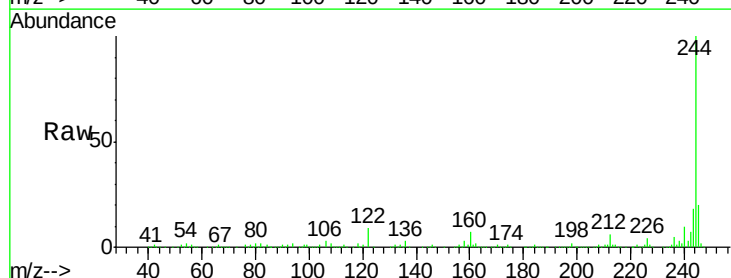
Instrument :
 BNA_F
 ClientSampleId :

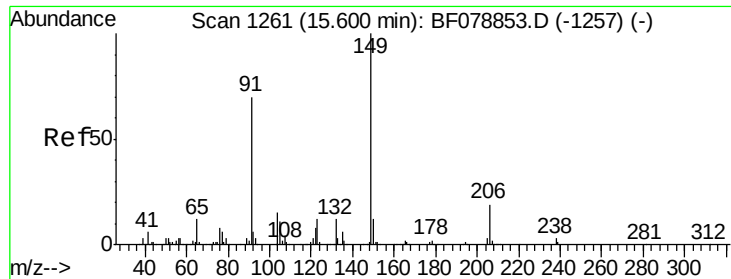
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	17.6	13.9	20.9



#78
 Terphenyl-d14
 Concen: 51.13 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	9.4	10.3	15.5





#79

Butylbenzylphthalate

Concen: 27.61 ng

RT: 15.59 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

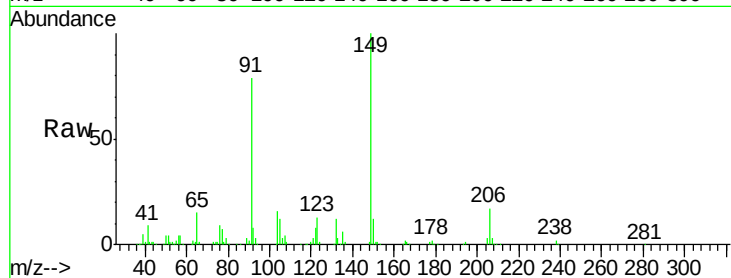
Tot Ion:149 Resp: 201258

Ion Ratio Lower Upper

149 100

91 79.2 64.6 97.0

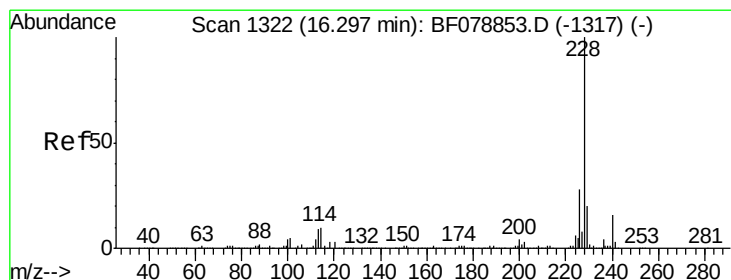
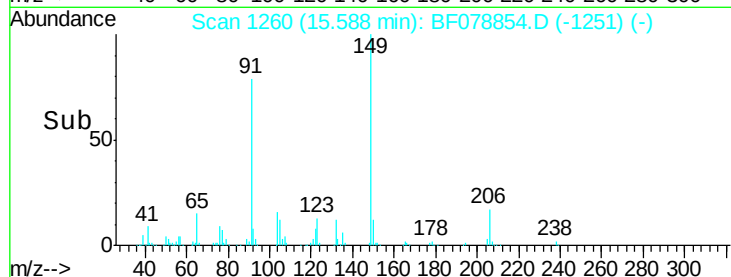
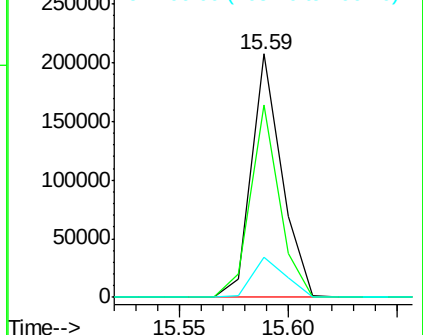
206 16.5 12.2 18.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 25.45 ng

RT: 16.27 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

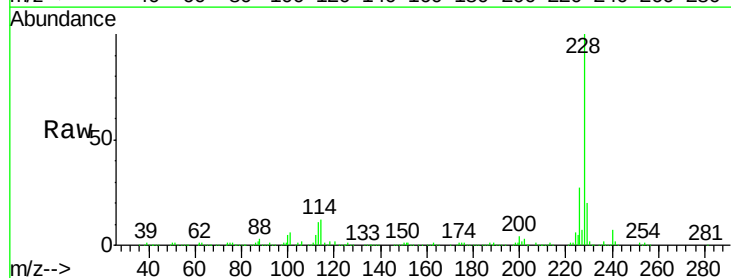
Tgt Ion:228 Resp: 444290

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

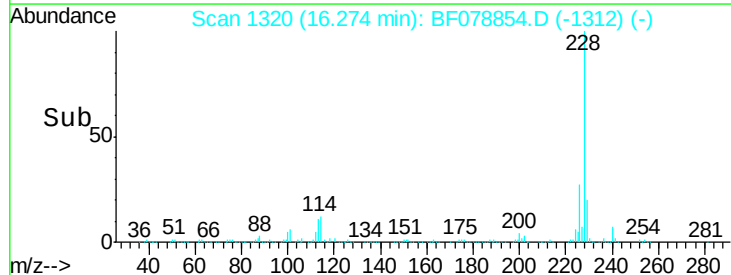
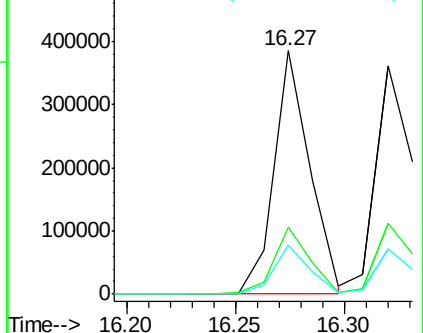
229 20.1 15.9 23.9

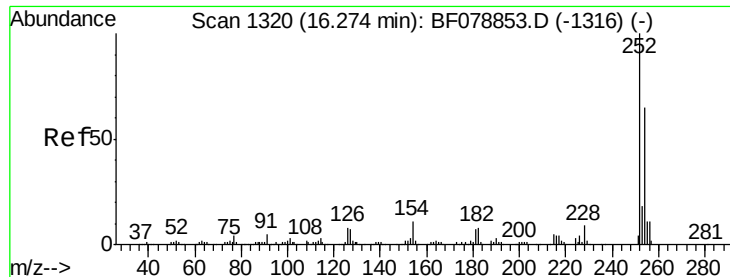


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

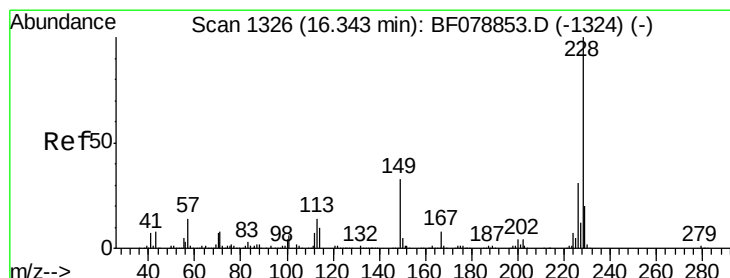
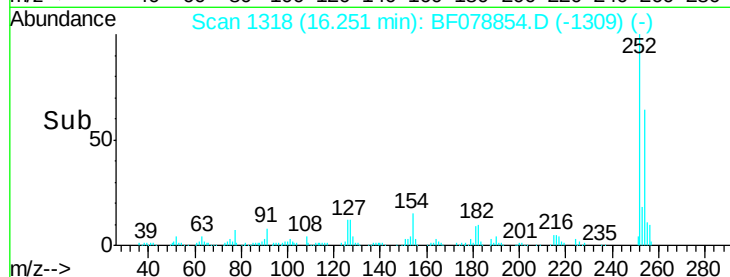
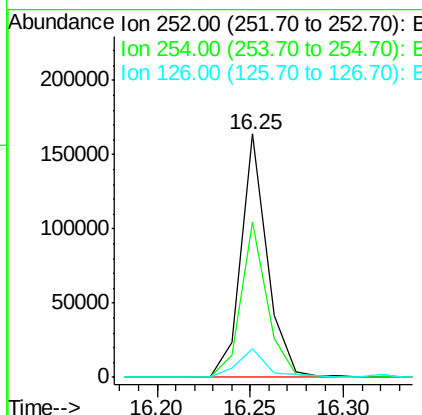
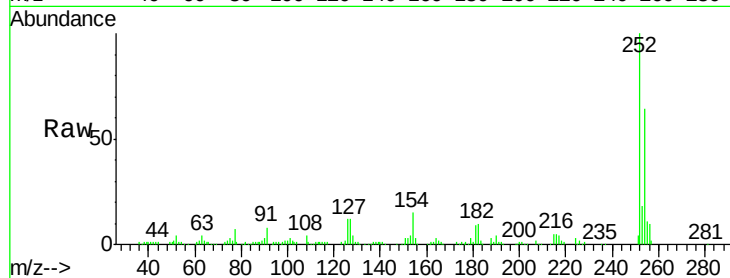




#81
 3,3'-Dichlorobenzidine
 Concen: 27.16 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

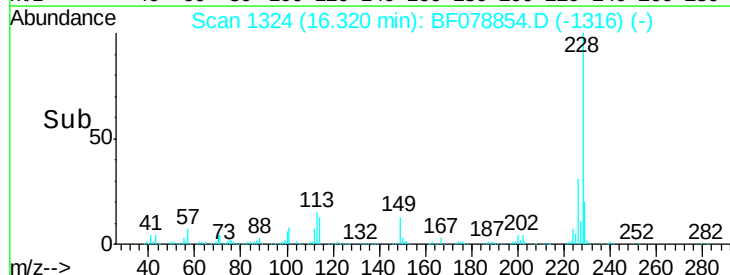
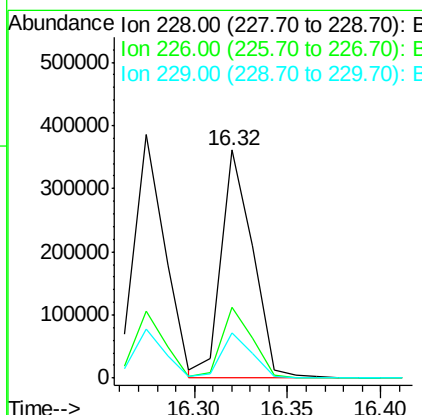
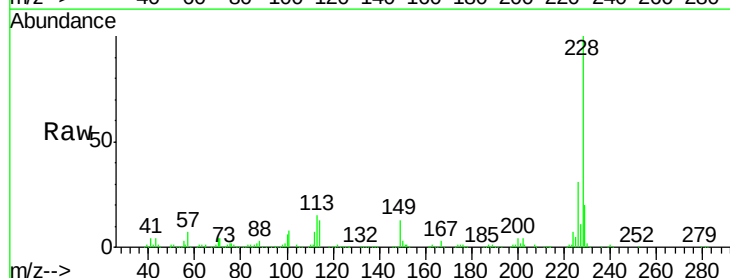
Instrument :
 BNA_F
 ClientSampleId :

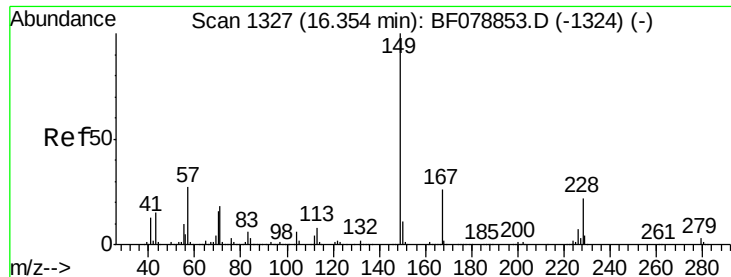
Tot Ion:252 Resp: 161390
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.3 76.9
 126 11.7 6.6 10.0#



#82
 Chrysene
 Concen: 24.82 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF078854.D
 Acq: 30 Apr 2015 17:30

Tgt Ion:228 Resp: 422322
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.6 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.42 ng

RT: 16.33 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

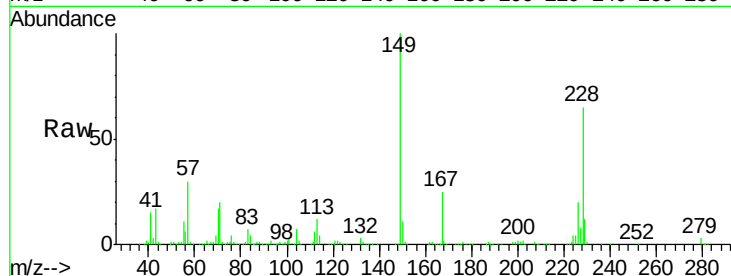
Tot Ion:149 Resp: 320886

Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.8

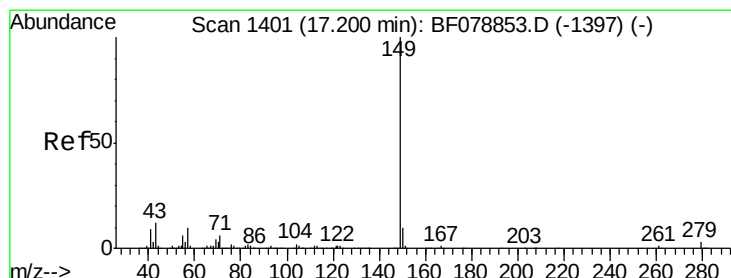
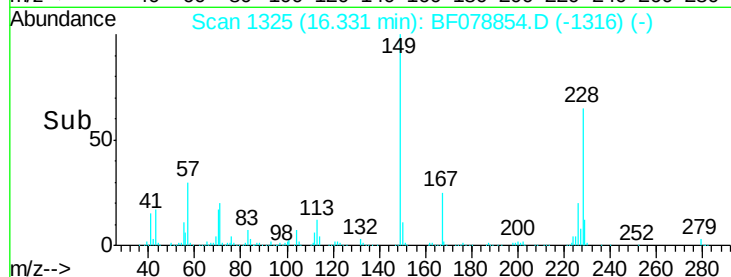
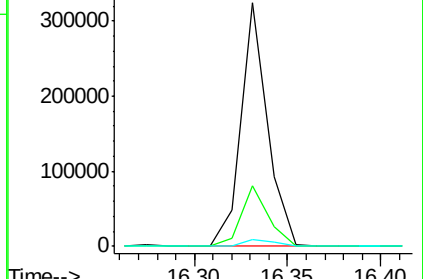
279 2.7 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 30.69 ng

RT: 17.17 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

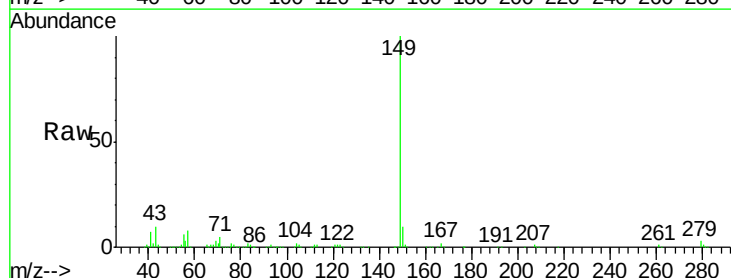
Tgt Ion:149 Resp: 528002

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

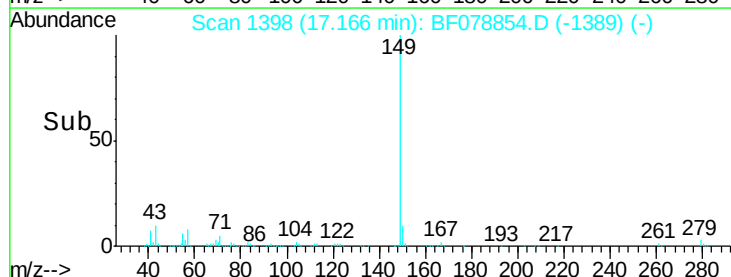
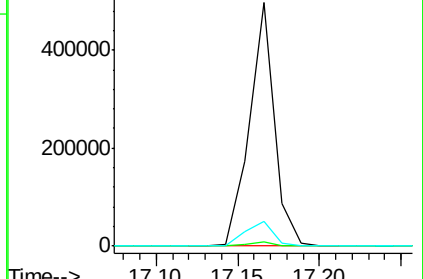
43 11.2 0.0 0.0#

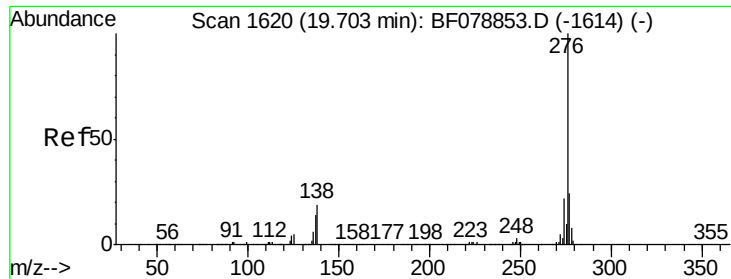


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 28.16 ng

RT: 19.62 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

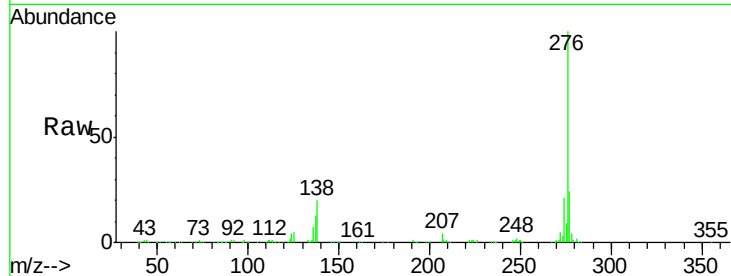
Tot Ion:276 Resp: 543523

Ion Ratio Lower Upper

276 100

138 25.6 0.0 0.0#

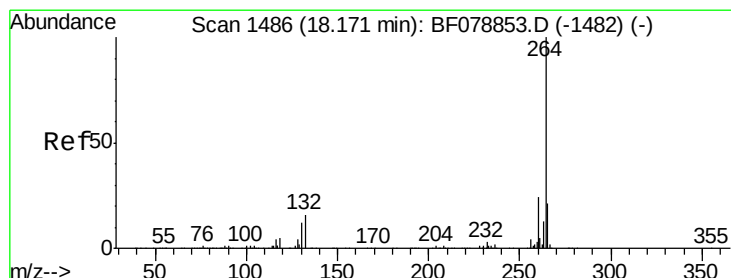
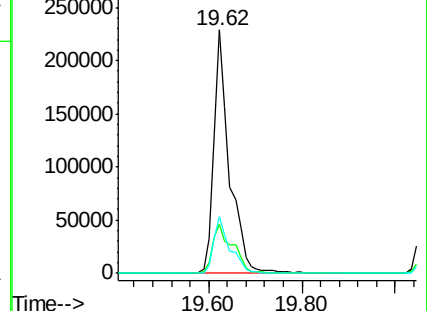
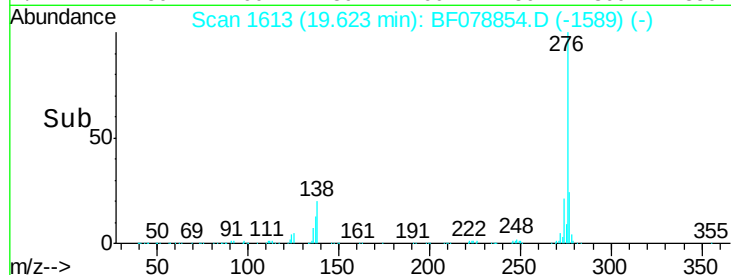
277 24.7 0.0 0.0#



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: 18.10 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

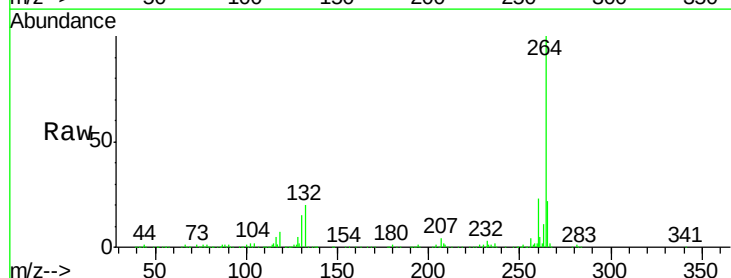
Tgt Ion:264 Resp: 328365

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

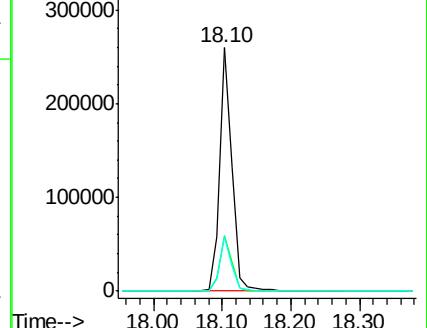
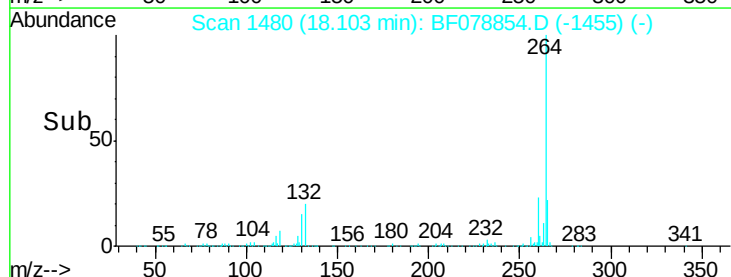
265 22.3 18.3 27.5

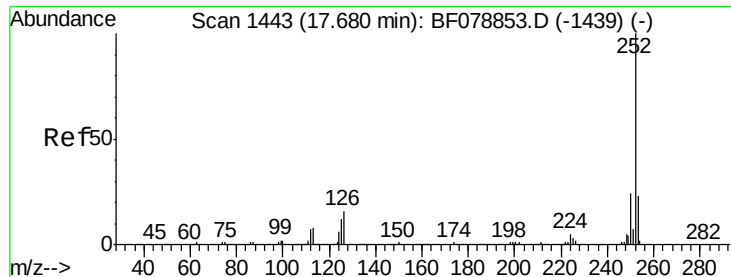


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

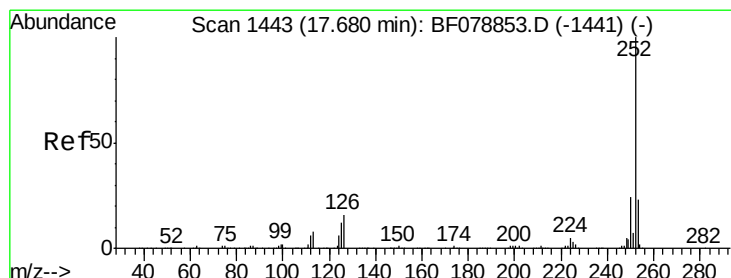
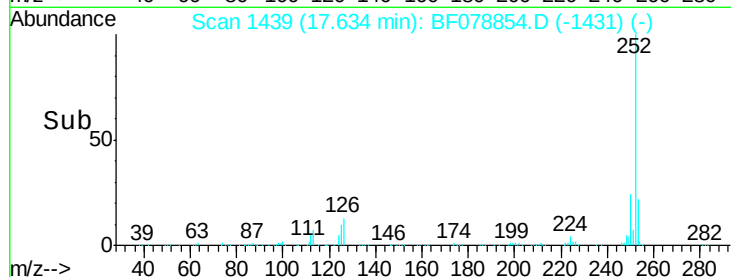
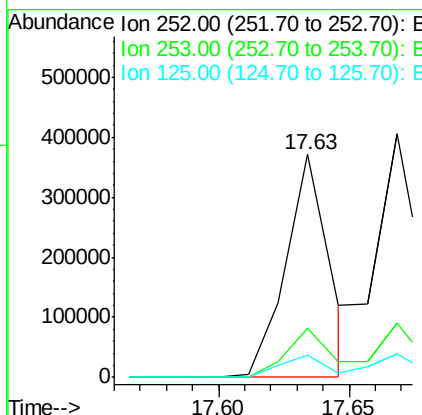
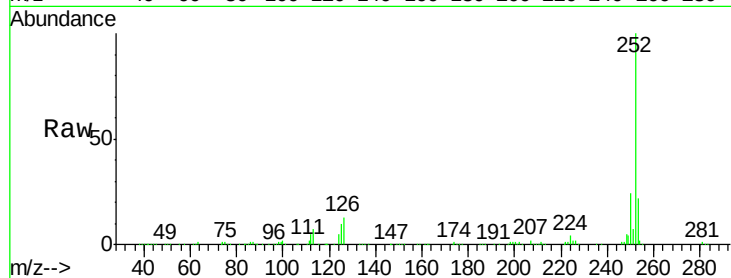




#87
Benzo(b)fluoranthene
Concen: 23.94 ng
RT: 17.63 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

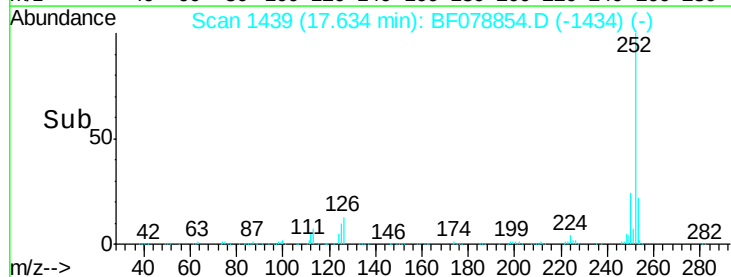
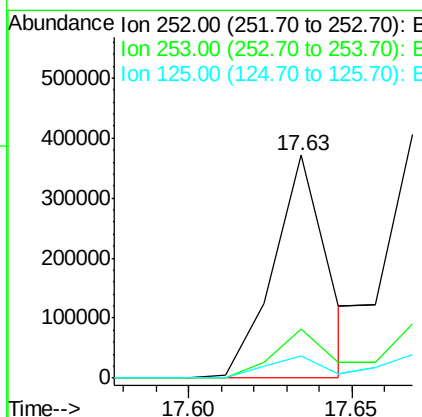
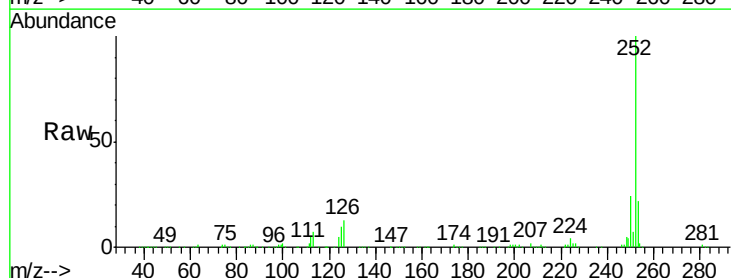
Instrument :
BNA_F
ClientSampleId :

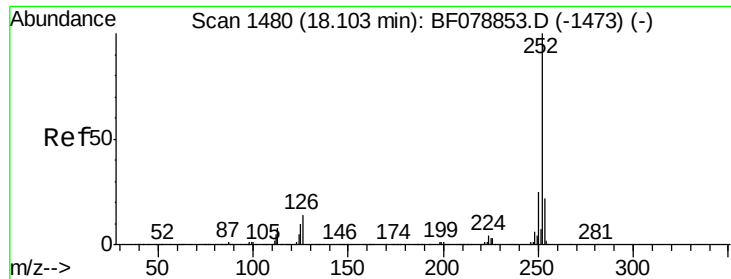
Tot Ion:252 Resp: 425541
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.0 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 24.70 ng
RT: 17.63 min Scan# 1439
Delta R.T. -0.05 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion:252 Resp: 425510
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 10.0 10.0 15.0

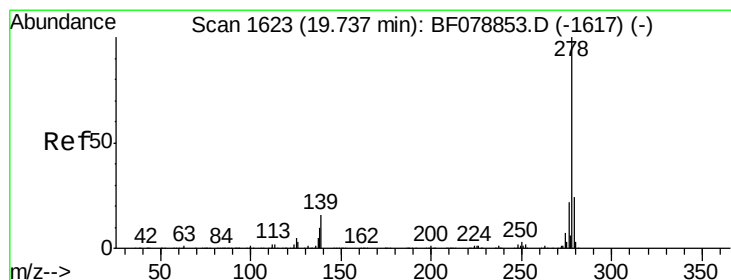
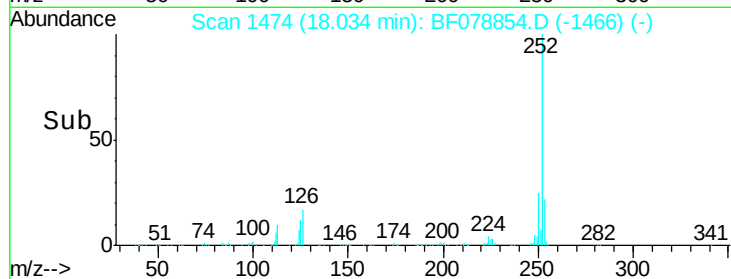
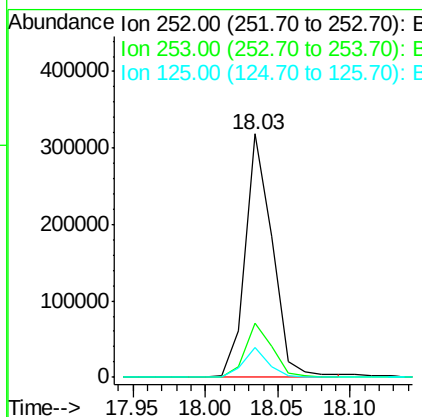
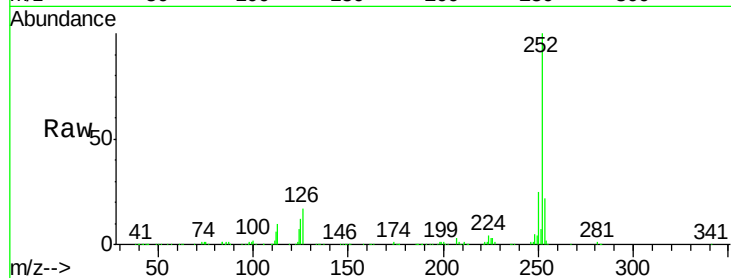




#89
Benzo(a)pyrene
Concen: 25.96 ng
RT: 18.03 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

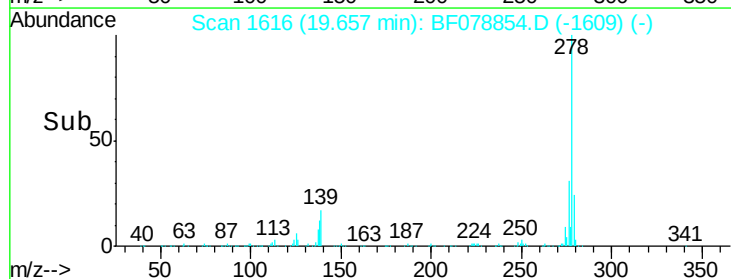
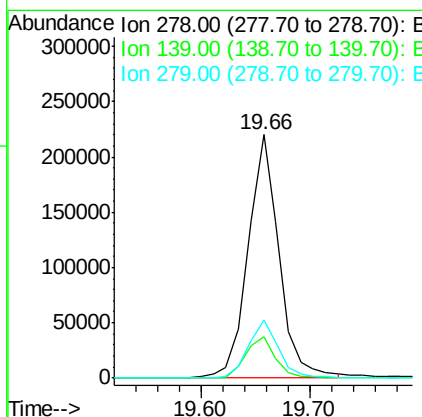
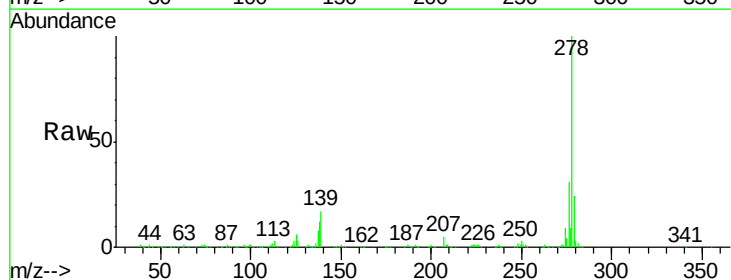
Instrument :
BNA_F
ClientSampleId :

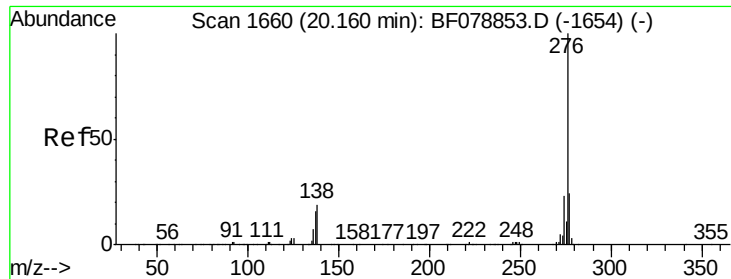
Tot Ion:252 Resp: 412881
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 12.3 7.0 10.6#



#90
Dibenzo(a,h)anthracene
Concen: 26.55 ng
RT: 19.66 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF078854.D
Acq: 30 Apr 2015 17:30

Tgt Ion:278 Resp: 437228
Ion Ratio Lower Upper
278 100
139 17.2 12.8 19.2
279 23.7 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 26.10 ng

RT: 20.08 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF078854.D

Acq: 30 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

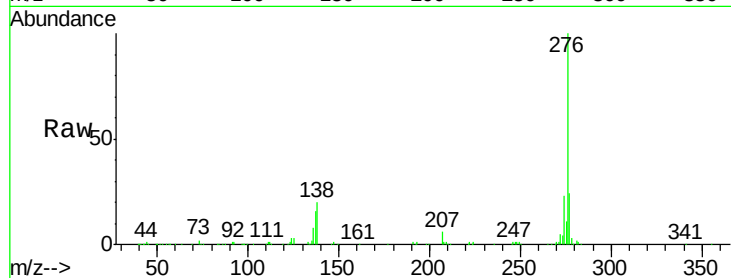
Tot Ion: 276 Resp: 431426

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 20.0 17.4 26.0



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

