

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050115\
 Data File : BF078894.D
 Acq On : 1 May 2015 15:57
 Operator : TP/IZ
 Sample : G2044-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

Quant Time: May 01 23:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71202	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	294873	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	141699	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	276741	20.00	ng	0.00
75) Chrysene-d12	16.26	240	292863	20.00	ng	-0.02
86) Perylene-d12	18.06	264	304365	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	492137	118.98	ng	0.00
7) Phenol-d6	6.90	99	643083	117.62	ng	0.00
23) Nitrobenzene-d5	8.04	82	359746	70.12	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	185245	120.84	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	738830	72.64	ng	0.00
78) Terphenyl-d14	14.96	244	871171	71.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	55928	31.10	ng	# 34
3) Pyridine	3.11	79	156045	29.65	ng	98
4) n-Nitrosodimethylamine	3.02	42	73025	32.38	ng	89
6) Aniline	6.95	93	206166	26.71	ng	98
8) 2-Chlorophenol	7.08	128	188513	40.18	ng	99
9) Benzaldehyde	6.81	77	14247	3.87	ng	95
10) Phenol	6.92	94	253642	39.99	ng	93
11) bis(2-Chloroethyl)ether	7.04	93	170063	36.58	ng	97
12) 1,3-Dichlorobenzene	7.28	146	184375	34.96	ng	99
13) 1,4-Dichlorobenzene	7.38	146	196611	36.23	ng	97
14) 1,2-Dichlorobenzene	7.56	146	186705	36.96	ng	99
15) Benzyl Alcohol	7.53	79	153201	37.75	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	270035	37.96	ng	99
17) 2-Methylphenol	7.68	107	144515	38.28	ng	94
18) Hexachloroethane	7.99	117	65008	34.78	ng	94
19) n-Nitroso-di-n-propylamine	7.87	70	138345	37.46	ng	# 81
20) 3+4-Methylphenols	7.86	107	197353	39.23	ng	95
22) Acetophenone	7.86	105	264291	39.67	ng	97
24) Nitrobenzene	8.07	77	186927	36.76	ng	100
25) Isophorone	8.36	82	352646	37.07	ng	99
26) 2-Nitrophenol	8.47	139	84078	39.94	ng	99
27) 2,4-Dimethylphenol	8.52	122	163347	38.78	ng	93
28) bis(2-Chloroethoxy)methane	8.65	93	221713	37.81	ng	99
29) 2,4-Dichlorophenol	8.75	162	150982	40.31	ng	95
30) 1,2,4-Trichlorobenzene	8.87	180	153183	37.23	ng	99
31) Naphthalene	8.96	128	519658	36.99	ng	99
32) Benzoic acid	8.59	122	49437	22.59	ng	90
33) 4-Chloroaniline	9.03	127	163316	27.47	ng	99
34) Hexachlorobutadiene	9.12	225	81917	34.57	ng	99
35) Caprolactam	9.45	113	49488	40.86	ng	96
36) 4-Chloro-3-methylphenol	9.63	107	165296	42.02	ng	87
37) 2-Methylnaphthalene	9.82	142	361127	37.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	142662	35.75	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	150900	75.20	ng	100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050115\
 Data File : BF078894.D
 Acq On : 1 May 2015 15:57
 Operator : TP/IZ
 Sample : G2044-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

Quant Time: May 01 23:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	107947	39.34	ng	98
43) 2,4,5-Trichlorophenol	10.20	196	108599	39.15	ng	# 84
45) 1,1'-Biphenyl	10.40	154	426256	37.84	ng	100
46) 2-Chloronaphthalene	10.42	162	329853	37.54	ng	100
47) 2-Nitroaniline	10.55	65	100024	39.29	ng	98
48) Acenaphthylene	10.94	152	546704	37.89	ng	100
49) Dimethylphthalate	10.79	163	447861	43.07	ng	100
50) 2,6-Dinitrotoluene	10.86	165	78464	38.23	ng	96
51) Acenaphthene	11.15	154	347557	40.40	ng	97
52) 3-Nitroaniline	11.06	138	89273	34.82	ng	# 92
53) 2,4-Dinitrophenol	11.19	184	43975	60.70	ng	# 81
54) Dibenzofuran	11.37	168	487913	39.26	ng	99
55) 4-Nitrophenol	11.27	139	170704	84.13	ng	97
56) 2,4-Dinitrotoluene	11.36	165	111329	41.03	ng	# 67
57) Fluorene	11.79	166	389741	38.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	92841	40.96	ng	# 100
59) Diethylphthalate	11.67	149	401807	39.00	ng	99
60) 4-Chlorophenyl-phenylether	11.81	204	171154	37.82	ng	98
61) 4-Nitroaniline	11.82	138	99772	38.90	ng	94
62) Azobenzene	12.00	77	412354	40.62	ng	98
64) 4,6-Dinitro-2-methylphenol	11.85	198	40287	38.14	ng	84
65) n-Nitrosodiphenylamine	11.94	169	331813	36.00	ng	99
66) 4-Bromophenyl-phenylether	12.41	248	111412	38.62	ng	97
67) Hexachlorobenzene	12.47	284	119966	36.39	ng	98
68) Atrazine	12.62	200	107210	40.00	ng	99
69) Pentachlorophenol	12.72	266	128716	67.86	ng	98
70) Phenanthrene	12.99	178	563506	36.40	ng	99
71) Anthracene	13.05	178	559988	36.87	ng	99
72) Carbazole	13.26	167	579344	40.02	ng	99
73) Di-n-butylphthalate	13.70	149	659107	37.96	ng	99
74) Fluoranthene	14.47	202	615994	38.18	ng	96
76) Benzidine	14.65	184	284137	36.00	ng	98
77) Pyrene	14.75	202	640509	37.95	ng	99
79) Butylbenzylphthalate	15.58	149	303952	41.20	ng	86
80) Benzo(a)anthracene	16.25	228	595954	37.16	ng	100
81) 3,3'-Dichlorobenzidine	16.23	252	204397	35.78	ng	# 98
82) Chrysene	16.30	228	557930	36.17	ng	99
83) Bis(2-ethylhexyl)phthalate	16.31	149	469220	41.99	ng	99
84) Di-n-octyl phthalate	17.12	149	788015	40.04	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.57	276	733596	37.33	ng	# 100
87) Benzo(b)fluoranthene	17.59	252	656923	39.43	ng	99
88) Benzo(k)fluoranthene	17.62	252	532498	33.02	ng	99
89) Benzo(a)pyrene	17.99	252	592468	38.62	ng	98
90) Dibenzo(a,h)anthracene	19.60	278	590531	36.22	ng	99
91) Benzo(g,h,i)perylene	20.01	276	599845	36.71	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

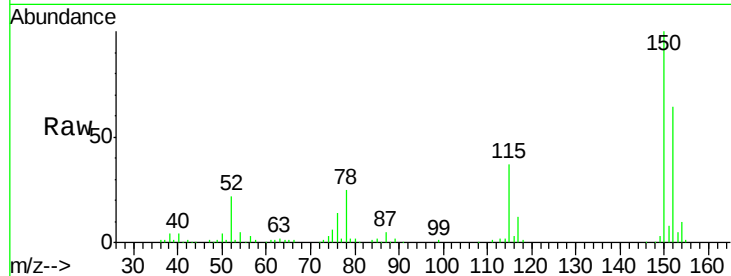
Tgt Ion:152 Resp: 71202

Ion Ratio Lower Upper

152 100

150 155.3 122.0 183.0

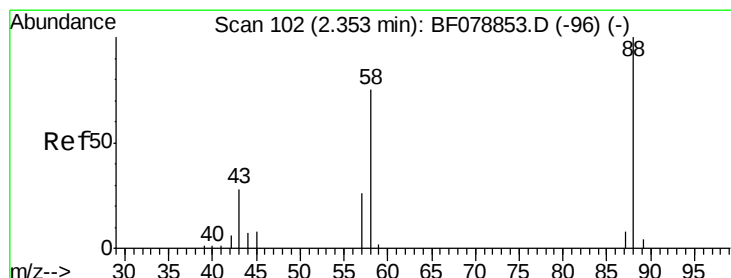
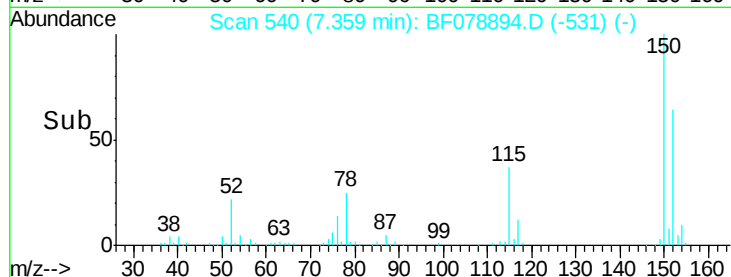
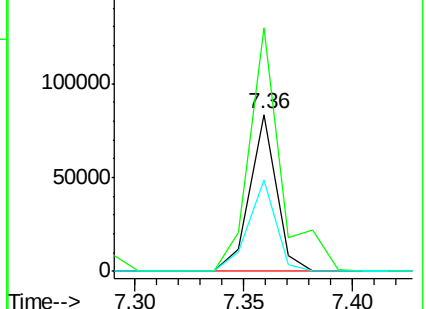
115 58.1 46.3 69.5



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: 31.10 ng

RT: 2.34 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

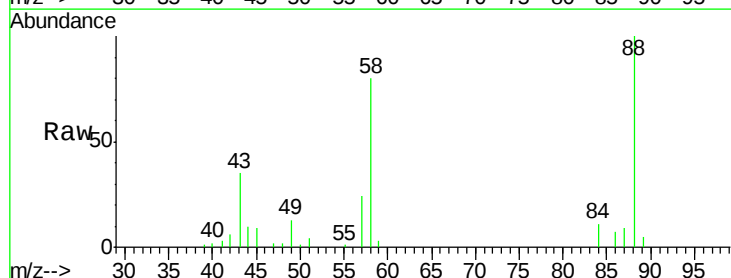
Tgt Ion: 88 Resp: 55928

Ion Ratio Lower Upper

88 100

58 82.0 0.0 0.0#

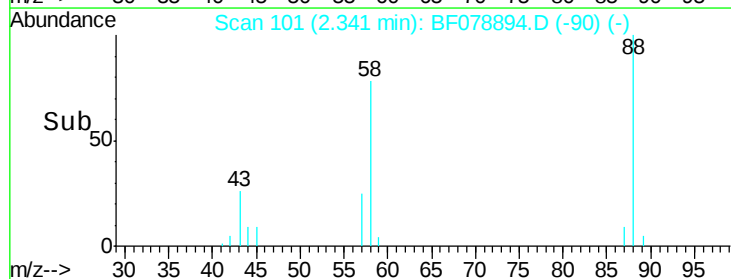
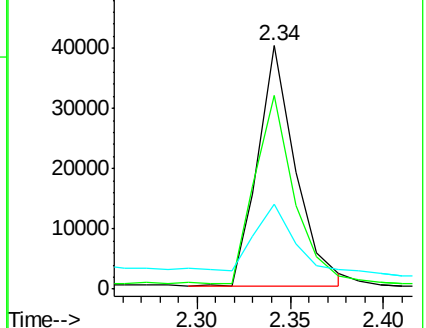
43 25.7 3.3 4.9#

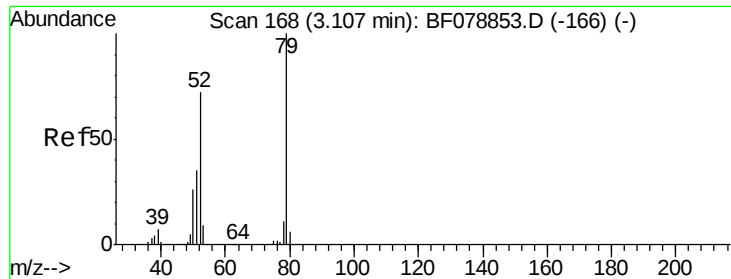


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.65 ng

RT: 3.11 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

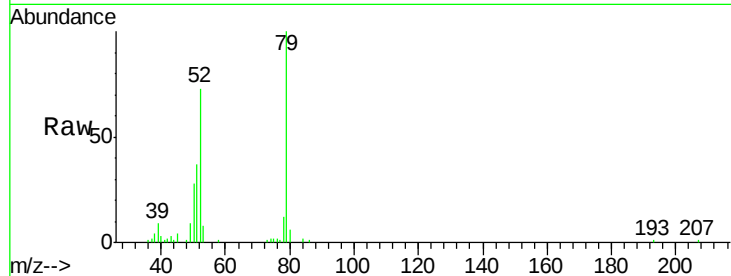
Tgt Ion: 79 Resp: 156045

Ion Ratio Lower Upper

79 100

52 72.6 57.2 85.8

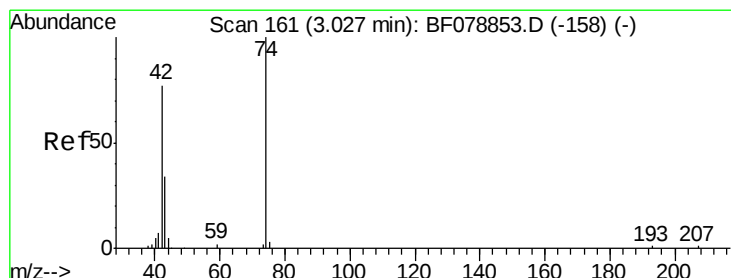
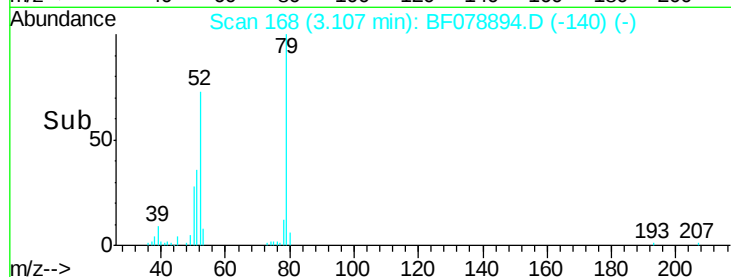
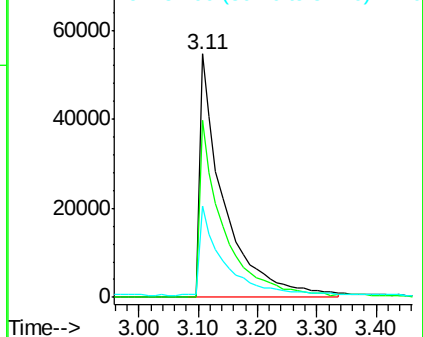
51 37.3 28.9 43.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.38 ng

RT: 3.02 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

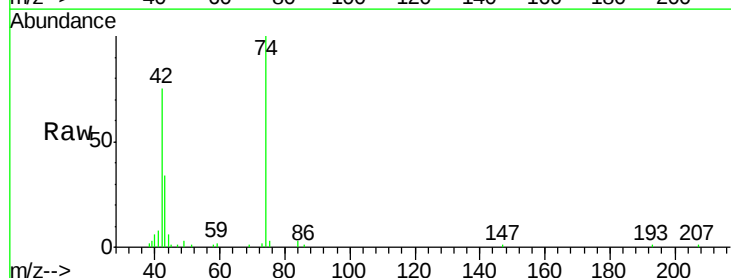
Tgt Ion: 42 Resp: 73025

Ion Ratio Lower Upper

42 100

74 133.5 96.5 144.7

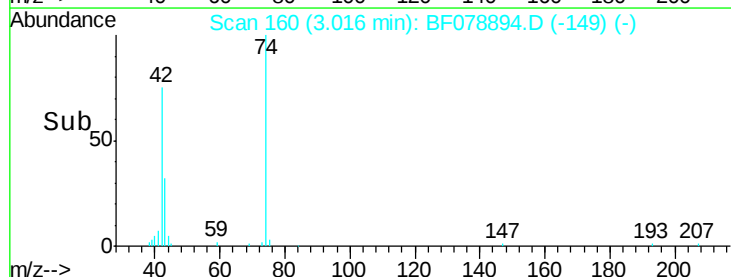
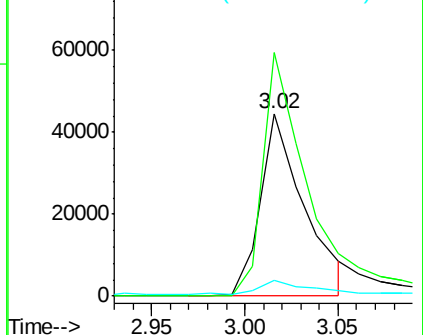
44 8.4 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.98 ng

RT: 5.66 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

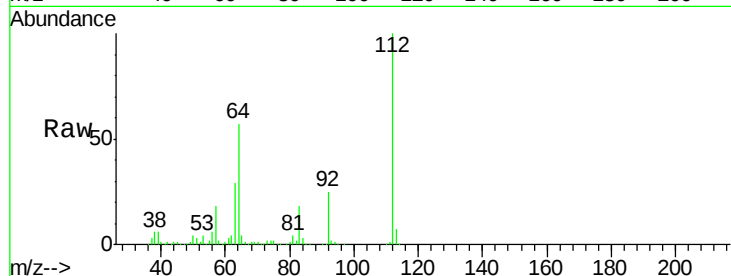
Tgt Ion: 112 Resp: 492137

Ion Ratio Lower Upper

112 100

64 57.3 53.5 80.3

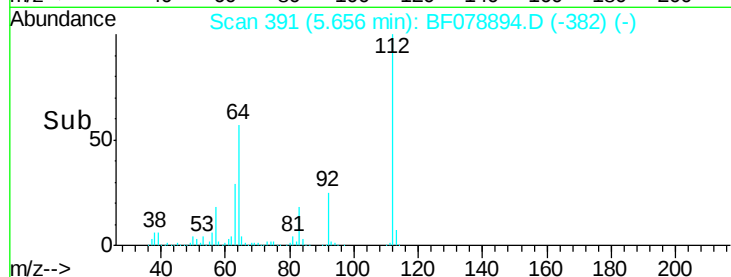
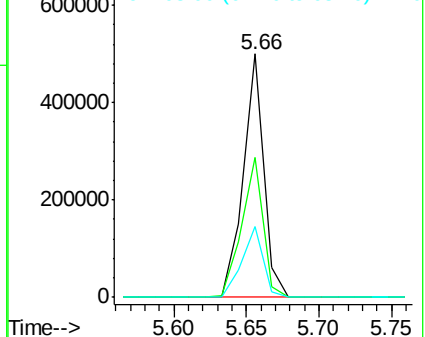
63 29.1 27.5 41.3



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: 26.71 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

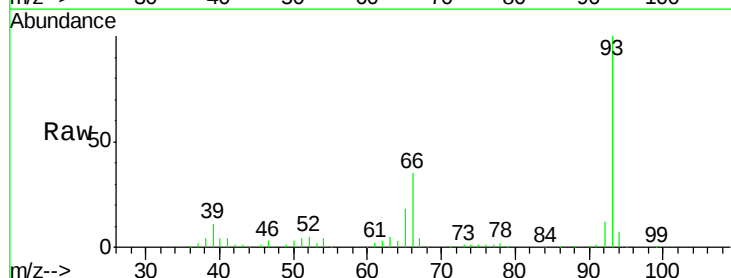
Tgt Ion: 93 Resp: 206166

Ion Ratio Lower Upper

93 100

66 35.2 29.7 44.5

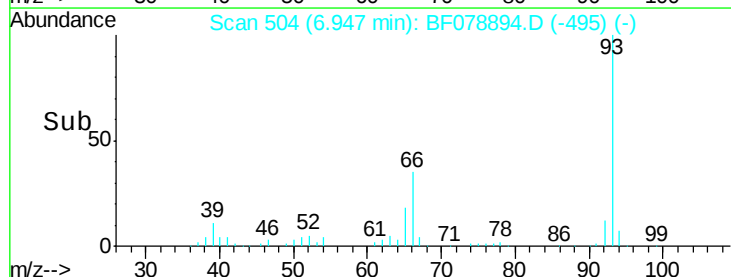
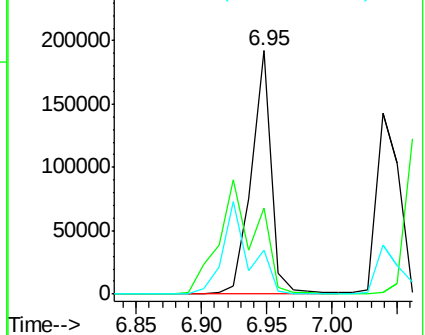
65 18.1 14.6 22.0



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: 117.62 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

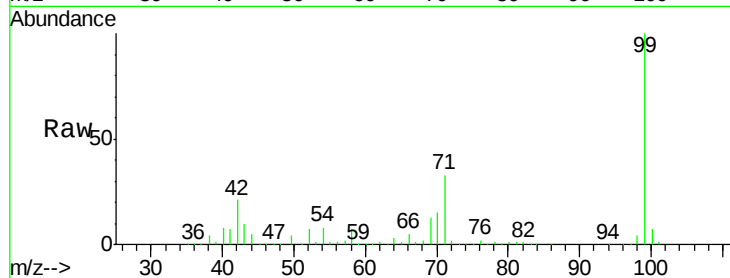
Tgt Ion: 99 Resp: 643083

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

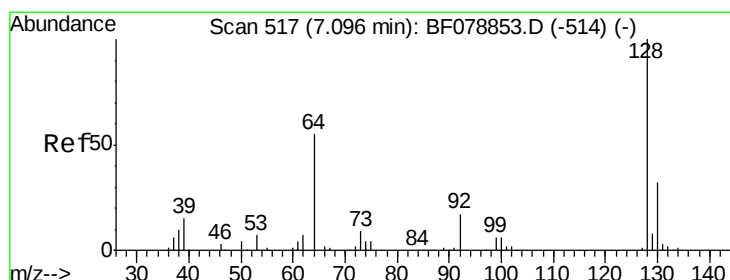
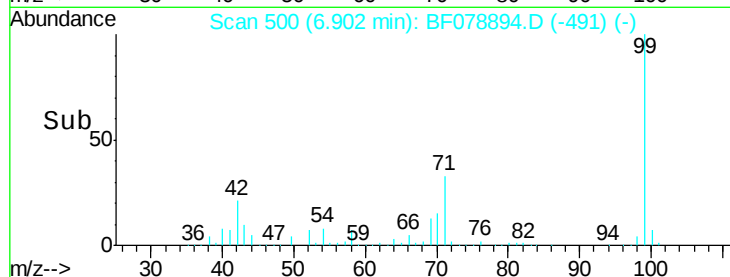
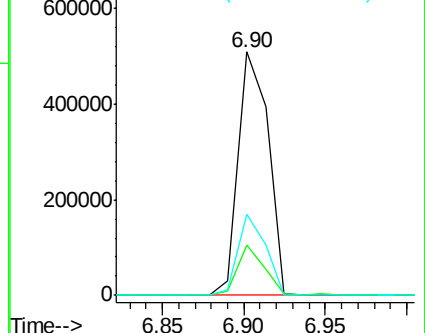
71 33.1 23.4 35.2



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: 40.18 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

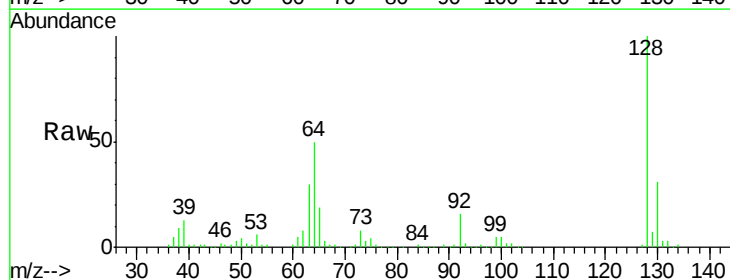
Tgt Ion: 128 Resp: 188513

Ion Ratio Lower Upper

128 100

130 30.8 12.1 52.1

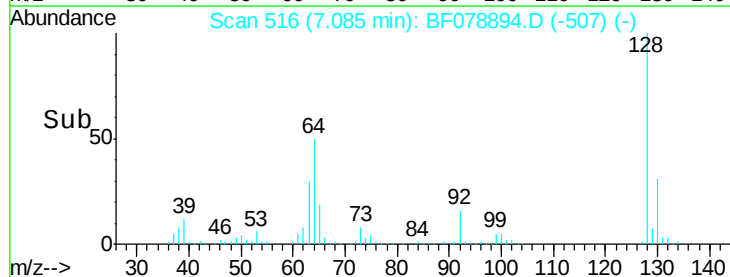
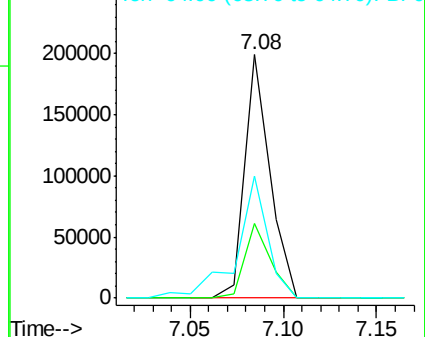
64 50.2 29.6 69.6



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: 3.87 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

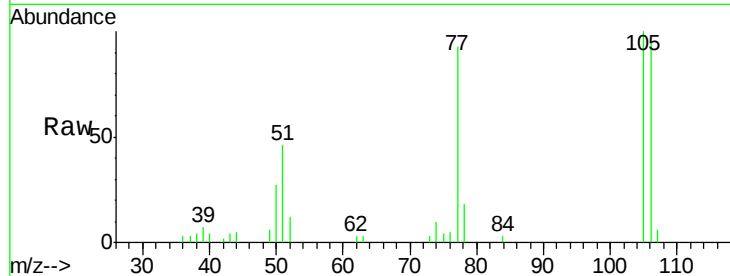
Tgt Ion: 77 Resp: 14247

Ion Ratio Lower Upper

77 100

105 107.8 81.7 121.7

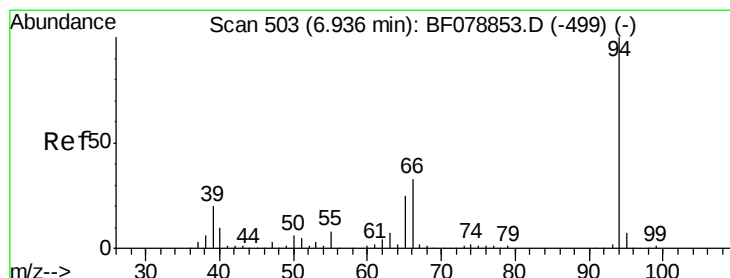
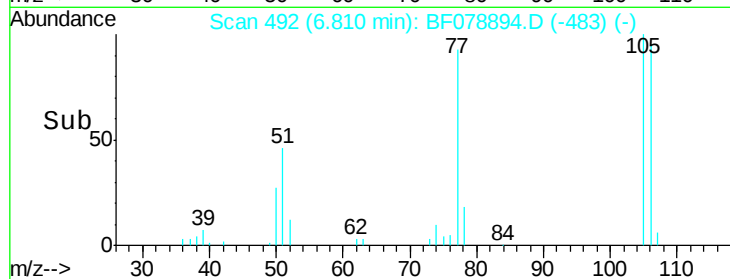
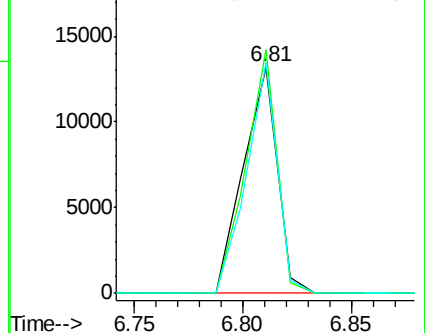
106 102.3 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.99 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

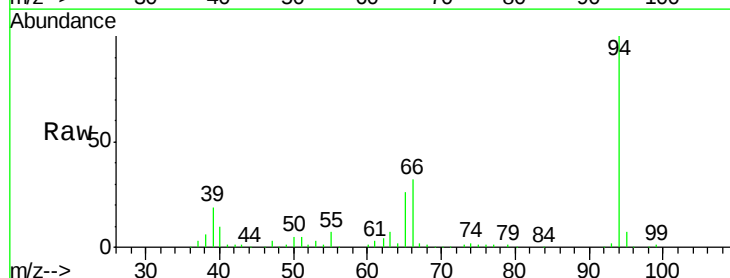
Tgt Ion: 94 Resp: 253642

Ion Ratio Lower Upper

94 100

65 25.5 8.5 48.5

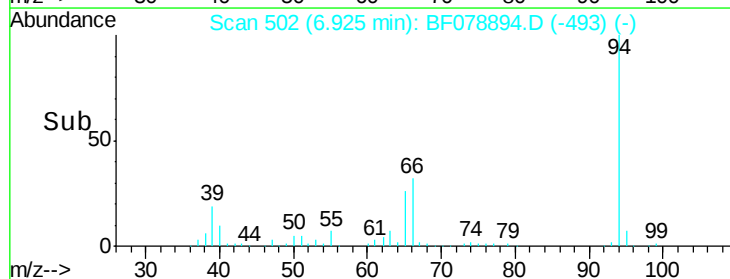
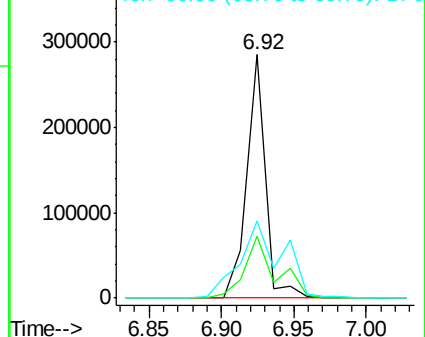
66 31.7 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.58 ng

RT: 7.04 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

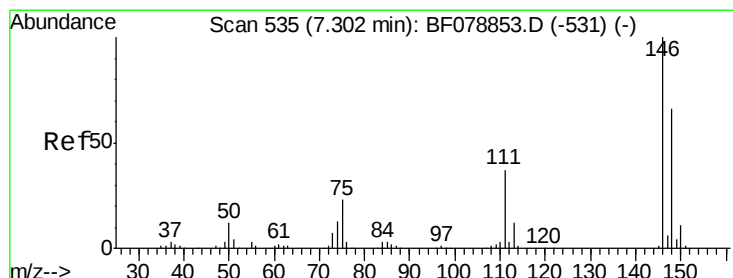
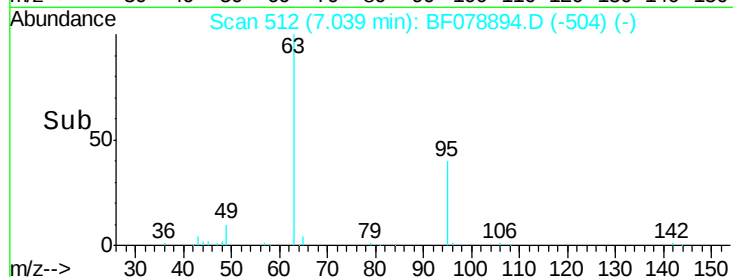
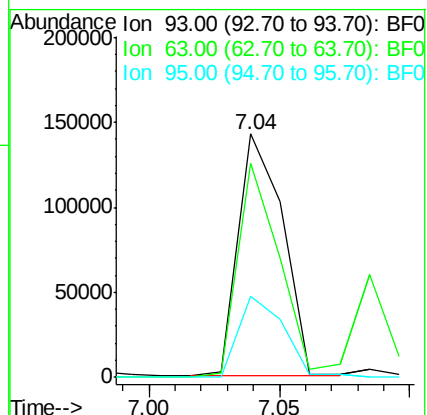
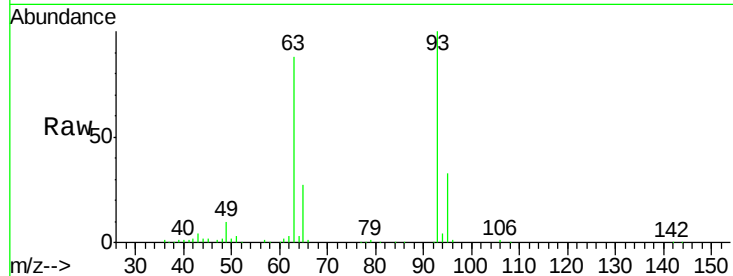
Tgt Ion: 93 Resp: 170063

Ion Ratio Lower Upper

93 100

63 87.9 64.8 104.8

95 33.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 34.96 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

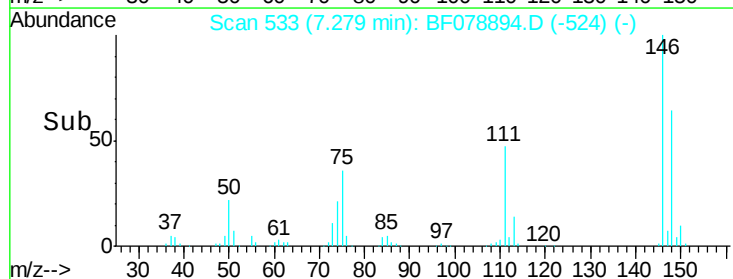
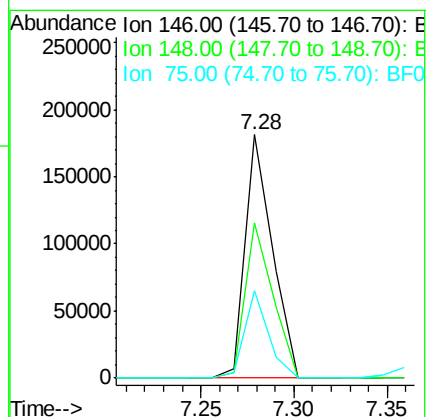
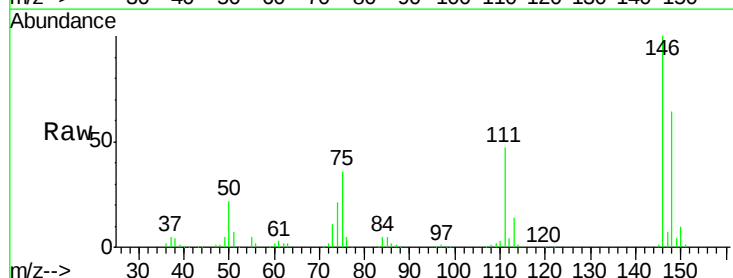
Tgt Ion: 146 Resp: 184375

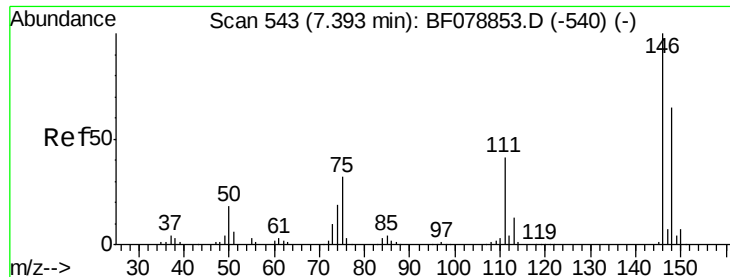
Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

75 35.8 29.2 43.8

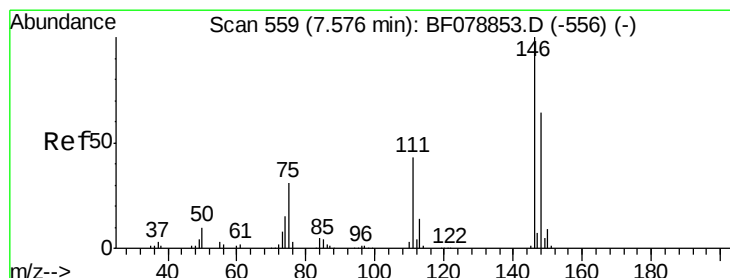
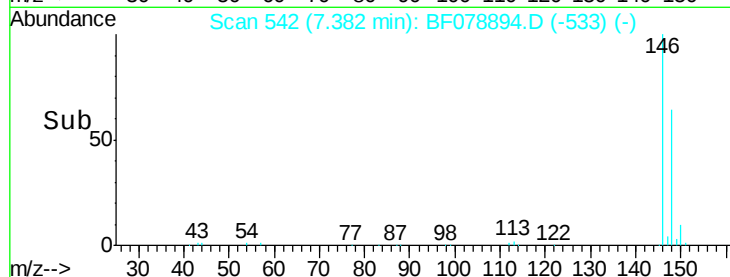
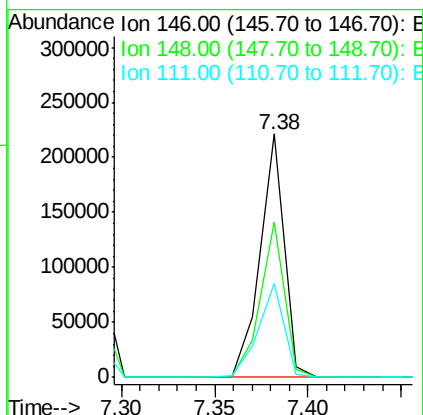
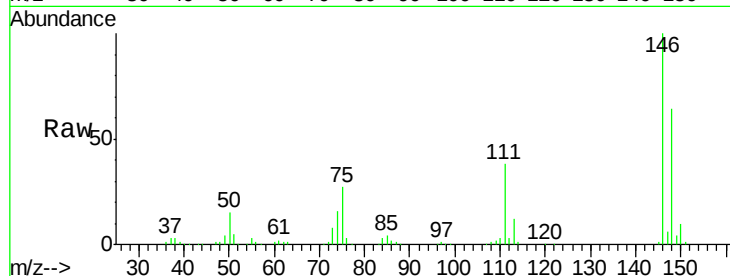




#13
 1,4-Dichlorobenzene
 Concen: 36.23 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

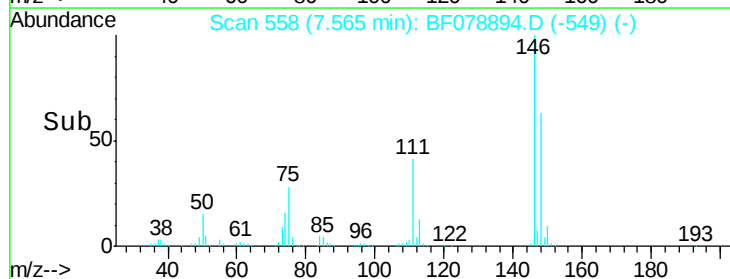
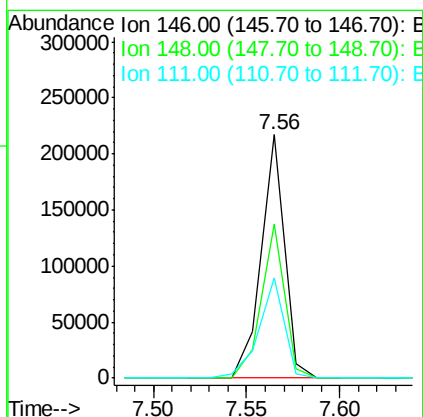
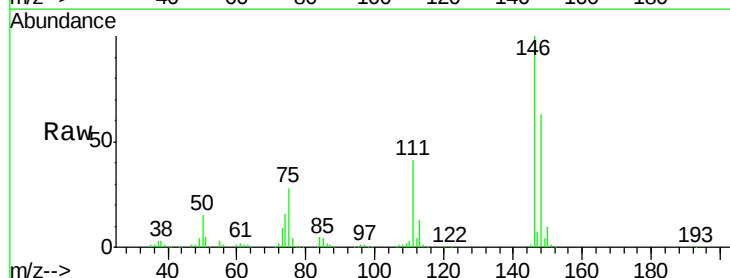
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

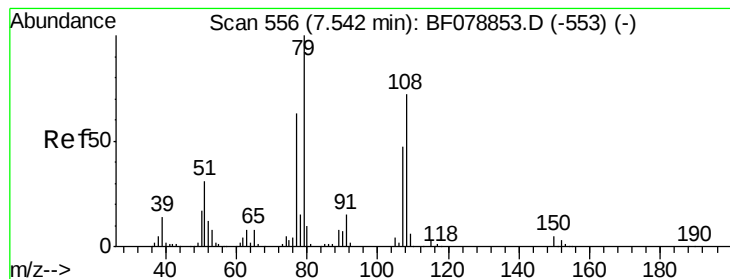
Tgt Ion:146 Resp: 196611
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.8 79.2
 111 38.3 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 36.96 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion:146 Resp: 186705
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.2 76.8
 111 41.0 33.3 49.9





#15

Benzyl Alcohol

Concen: 37.75 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

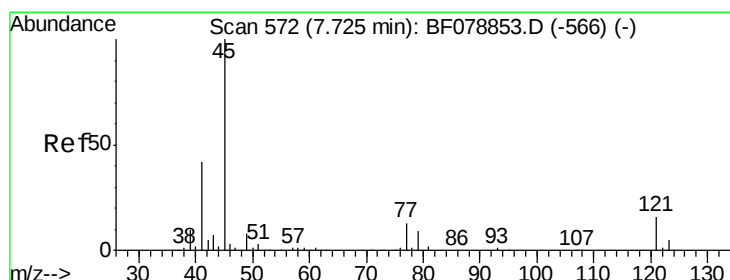
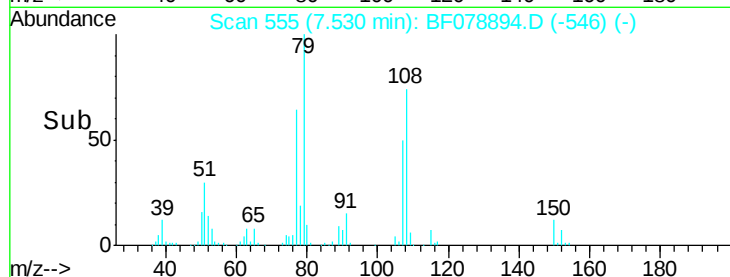
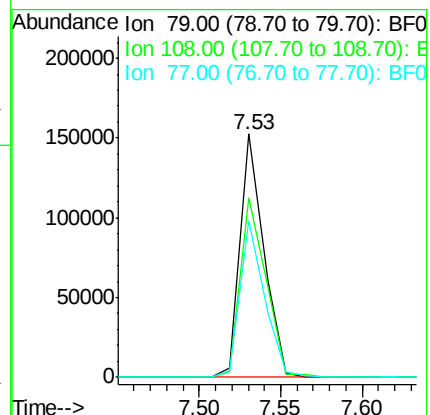
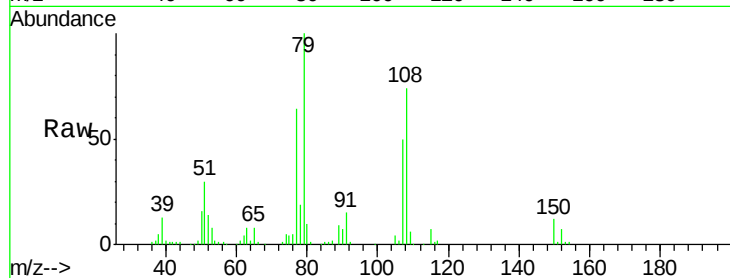
Tgt Ion: 79 Resp: 153201

Ion Ratio Lower Upper

79 100

108 74.0 62.5 93.7

77 64.1 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.96 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

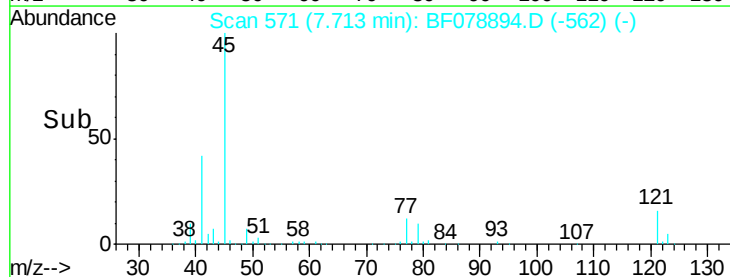
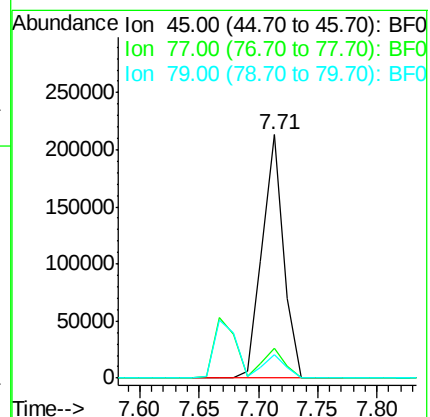
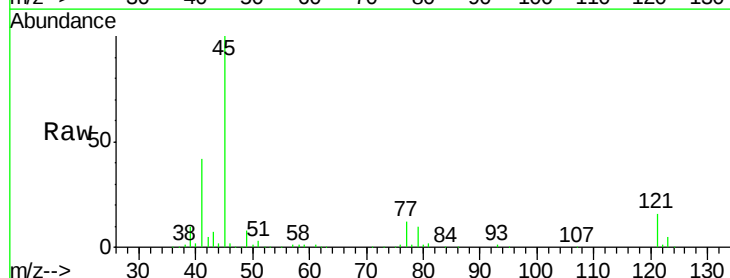
Tgt Ion: 45 Resp: 270035

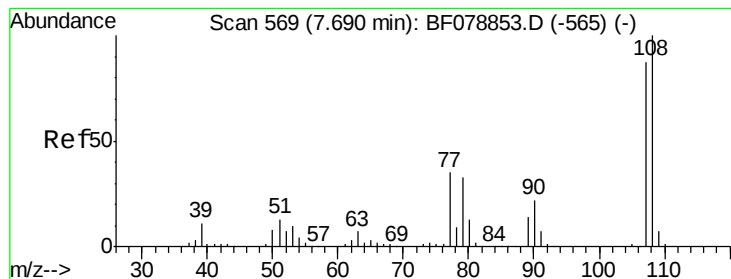
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.3

79 9.7 0.0 30.1

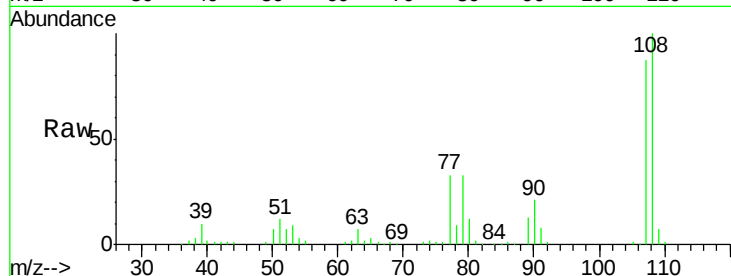




#17
2-Methylphenol
Concen: 38.28 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

Tgt Ion:	107	Resp:	144515
Ion	Ratio	Lower	Upper
107	100		
108	114.9	94.9	142.3
77	37.4	36.2	54.4
79	38.3	35.2	52.8



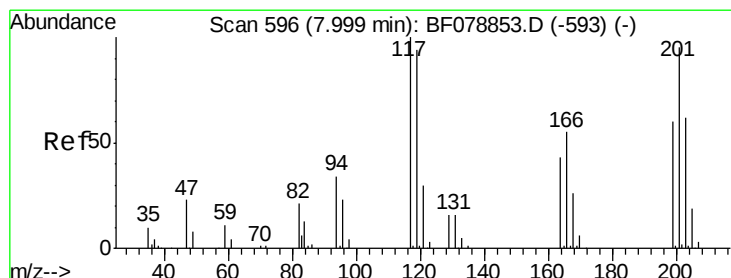
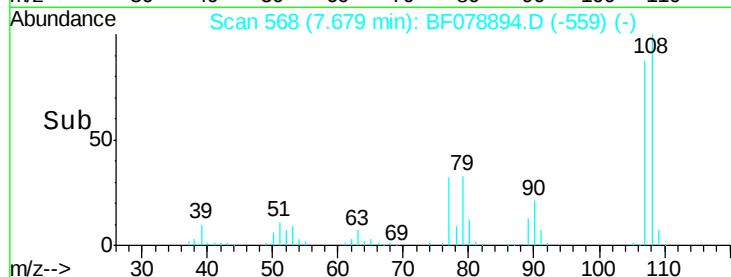
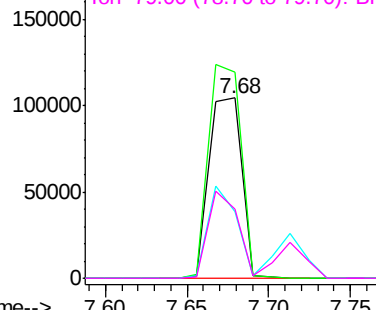
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

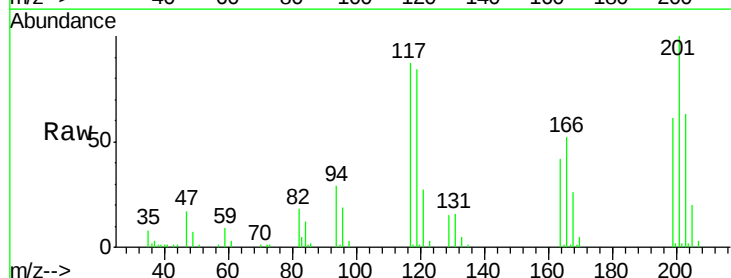
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 34.78 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion:	117	Resp:	65008
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
201	114.3	83.2	124.8

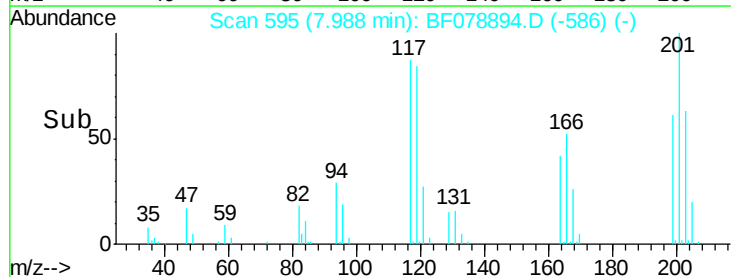
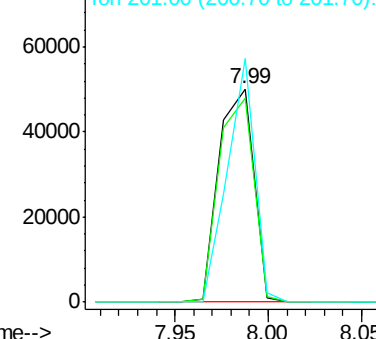


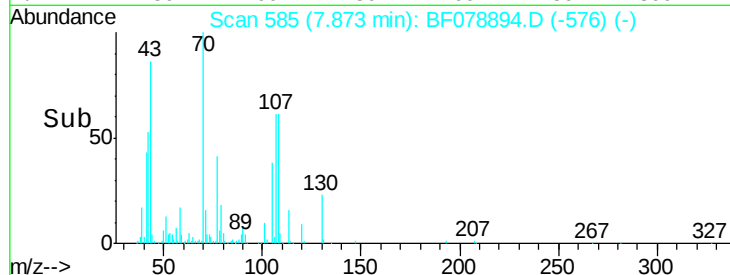
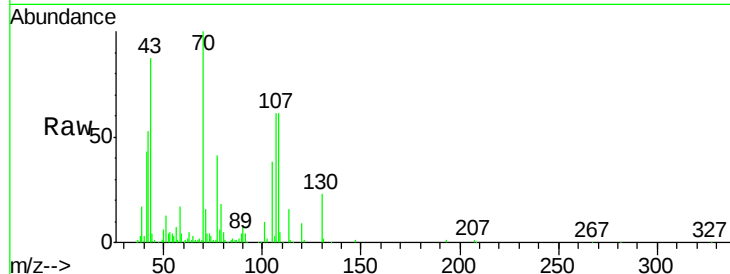
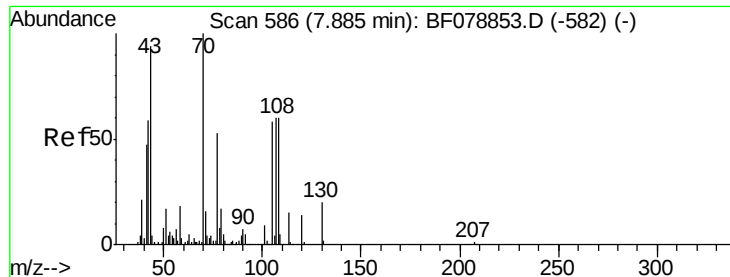
Abundance

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

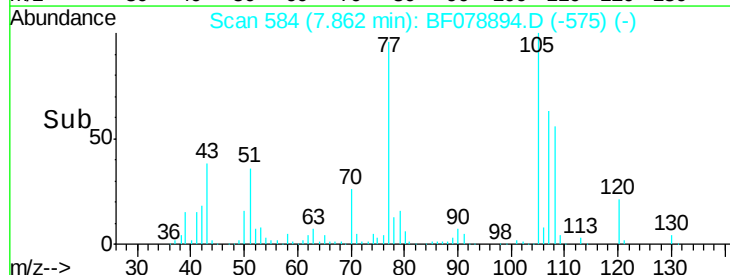
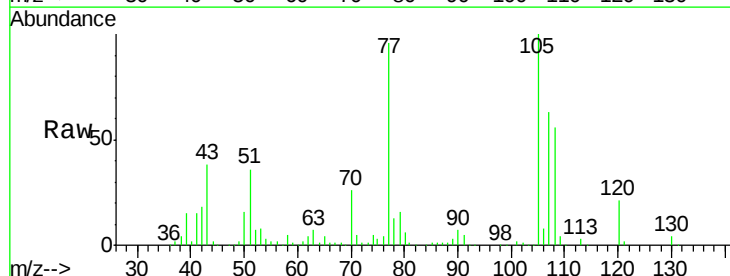
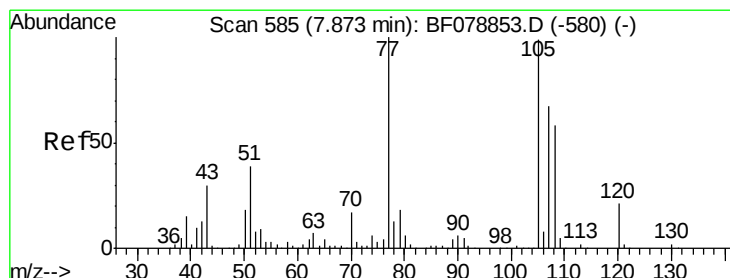
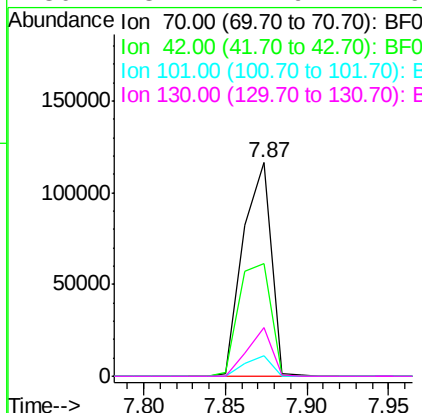




#19
n-Nitroso-di-n-propylamine
Concen: 37.46 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

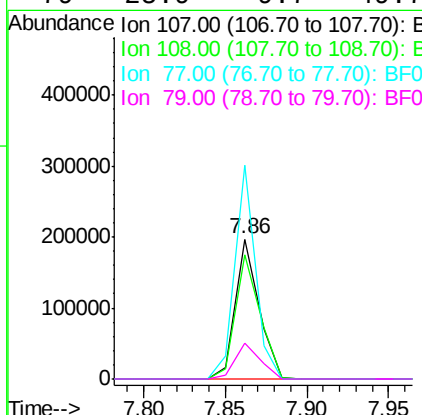
Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

Tgt Ion: 70 Resp: 138345
Ion Ratio Lower Upper
70 100
42 52.8 55.4 83.0#
101 9.6 6.6 10.0
130 23.1 11.9 17.9#



#20
3+4-Methylphenols
Concen: 39.23 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion: 107 Resp: 197353
Ion Ratio Lower Upper
107 100
108 88.9 76.9 116.9
77 152.5 136.8 176.8
79 25.9 9.7 49.7

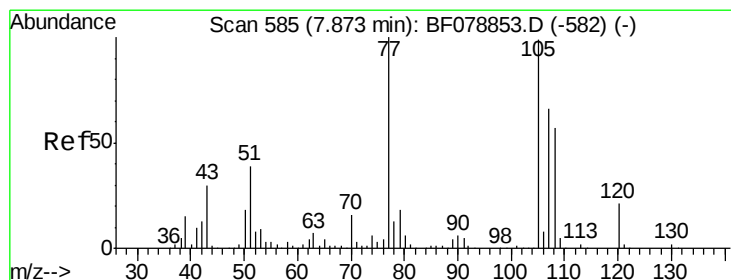
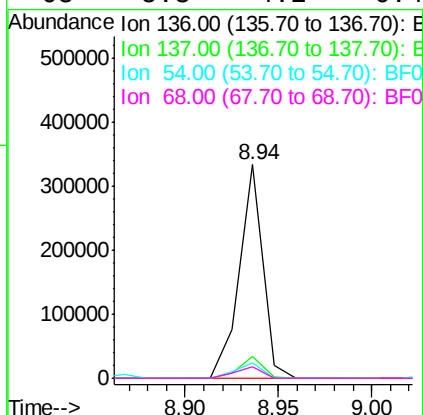
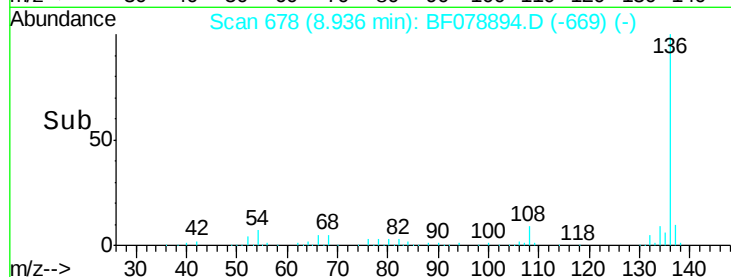
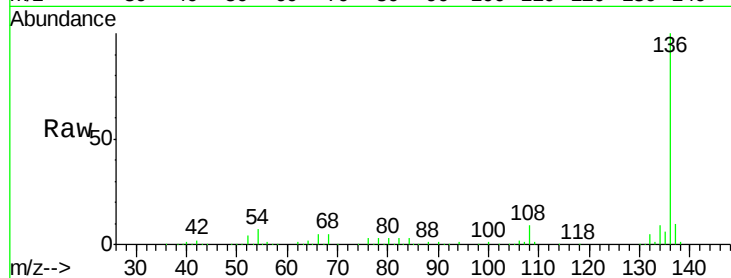




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

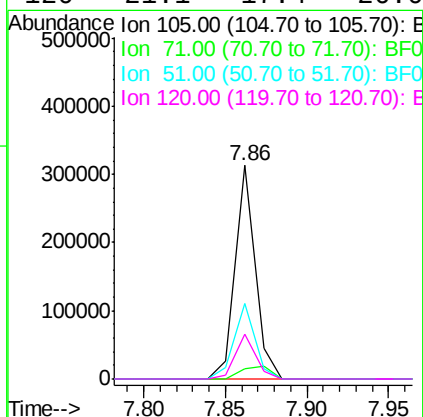
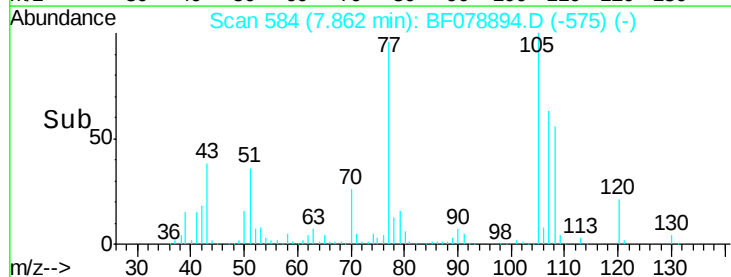
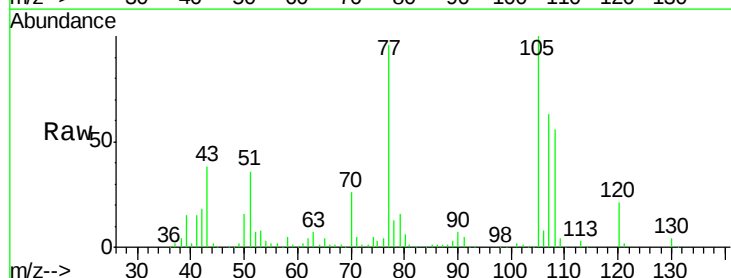
Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

Tgt Ion:	136	Resp:	294873
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.9	5.8	8.8
68	5.3	4.2	6.4



#22
Acetophenone
Concen: 39.67 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion:	105	Resp:	264291
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.6	6.8
51	35.6	26.7	40.1
120	21.1	17.4	26.0

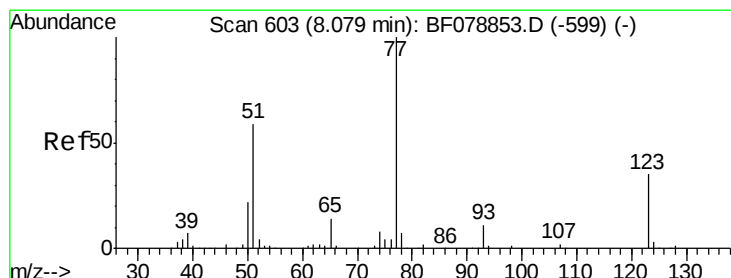
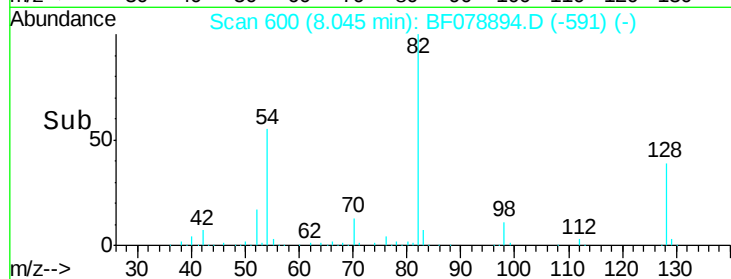
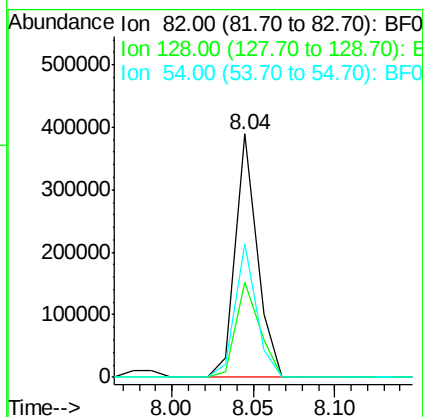
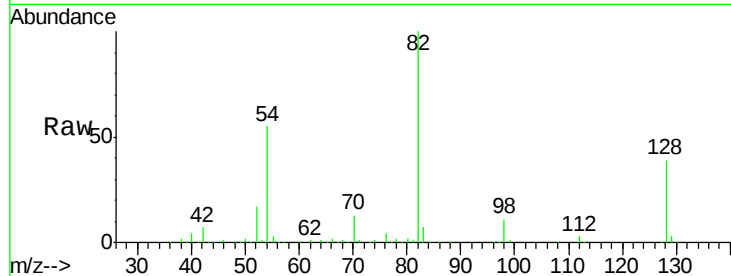




#23
 Nitrobenzene-d5
 Concen: 70.12 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

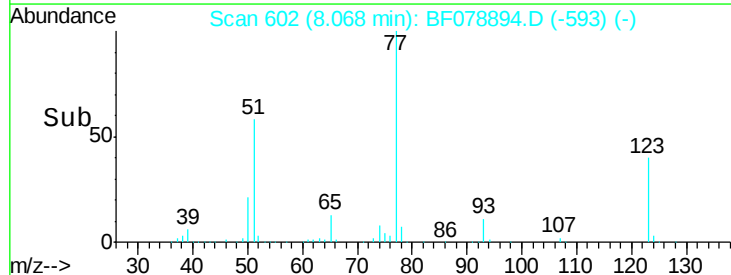
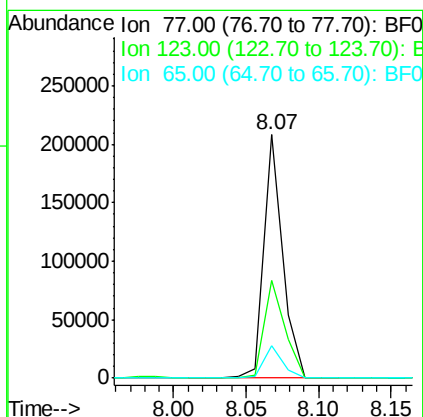
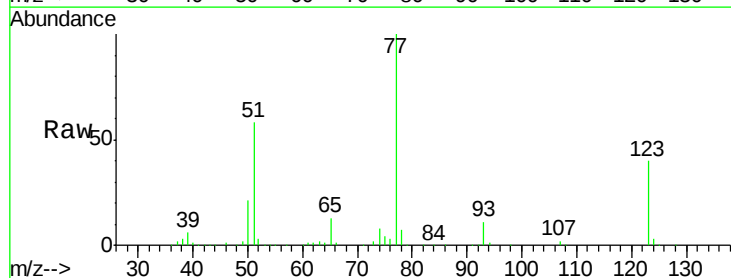
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

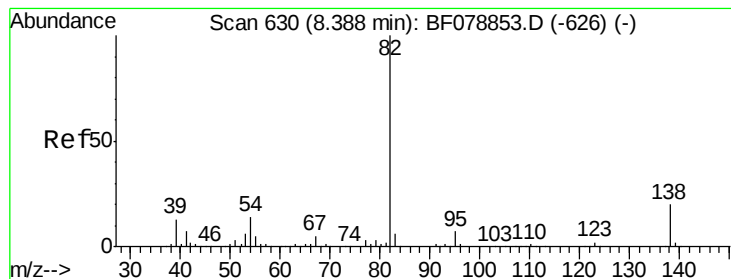
Tgt Ion: 82 Resp: 359746
 Ion Ratio Lower Upper
 82 100
 128 39.2 30.0 45.0
 54 55.1 46.4 69.6



#24
 Nitrobenzene
 Concen: 36.76 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion: 77 Resp: 186927
 Ion Ratio Lower Upper
 77 100
 123 40.1 31.8 47.8
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 37.07 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

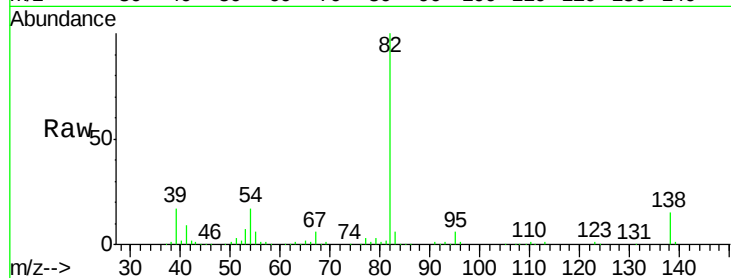
Tgt Ion: 82 Resp: 352646

Ion Ratio Lower Upper

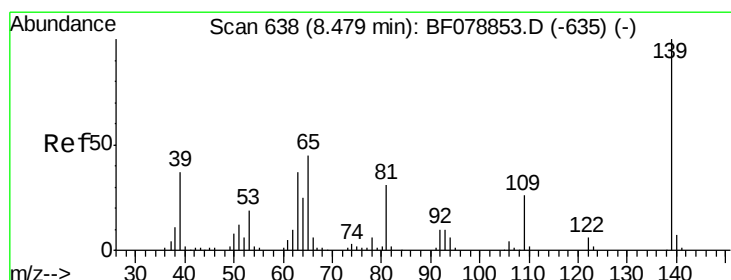
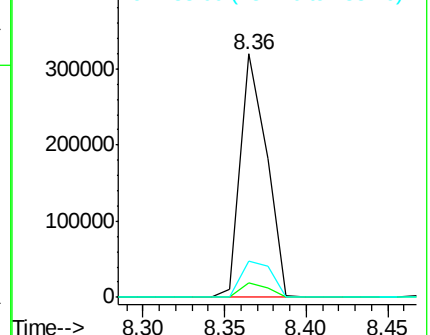
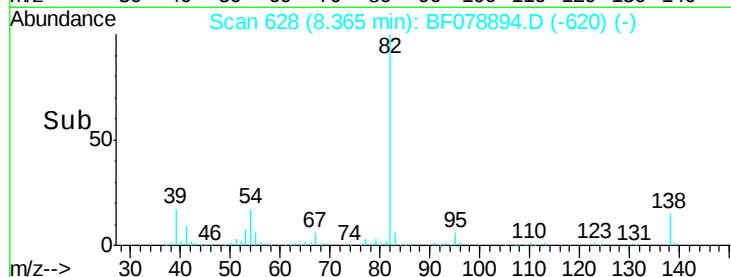
82 100

95 6.2 5.3 7.9

138 14.7 12.0 18.0



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



#26

2-Nitrophenol

Concen: 39.94 ng

RT: 8.47 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

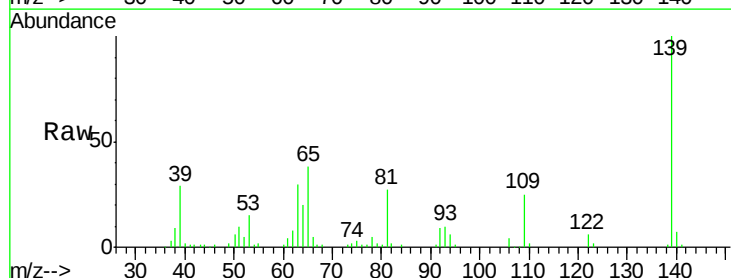
Tgt Ion: 139 Resp: 84078

Ion Ratio Lower Upper

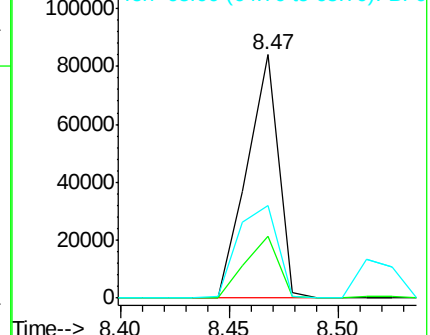
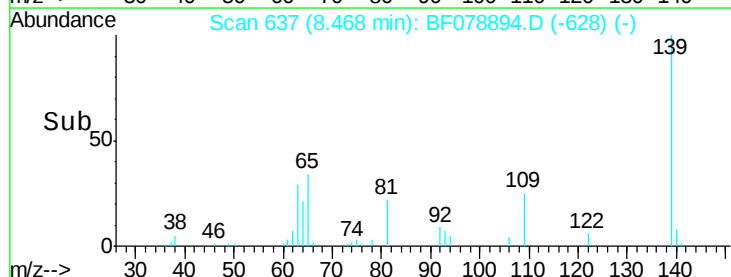
139 100

109 25.2 21.0 31.4

65 37.9 30.5 45.7



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





#27

2,4-Dimethylphenol

Concen: 38.78 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

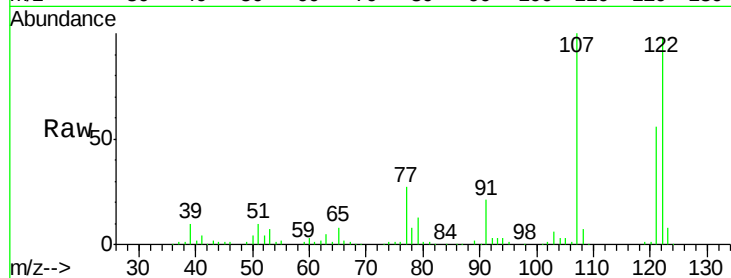
Tgt Ion:122 Resp: 163347

Ion Ratio Lower Upper

122 100

107 102.5 90.6 135.8

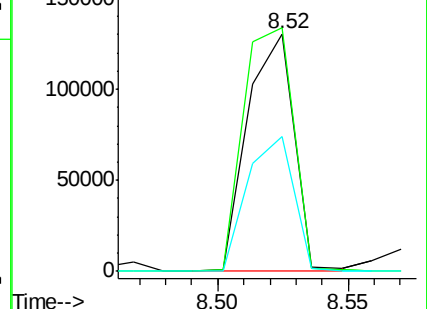
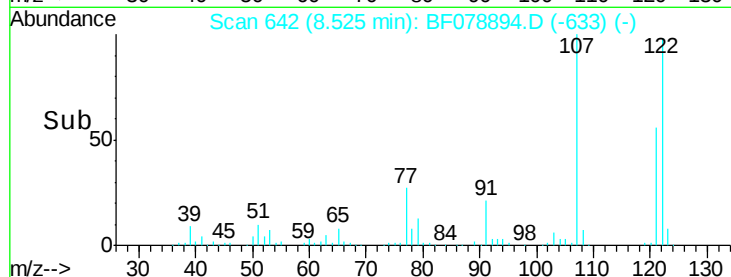
121 56.9 45.4 68.2



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: 37.81 ng

RT: 8.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

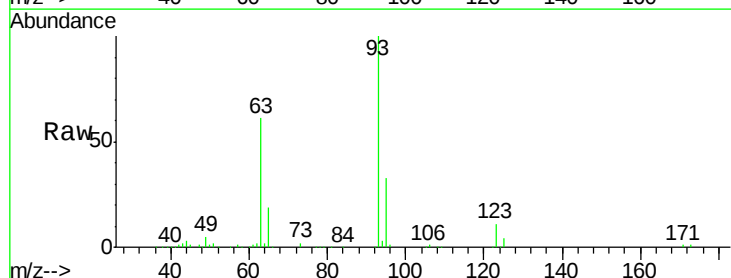
Tgt Ion: 93 Resp: 221713

Ion Ratio Lower Upper

93 100

95 32.5 26.7 40.1

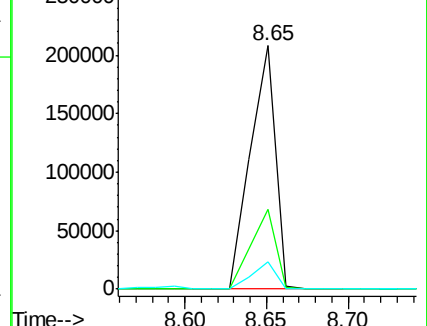
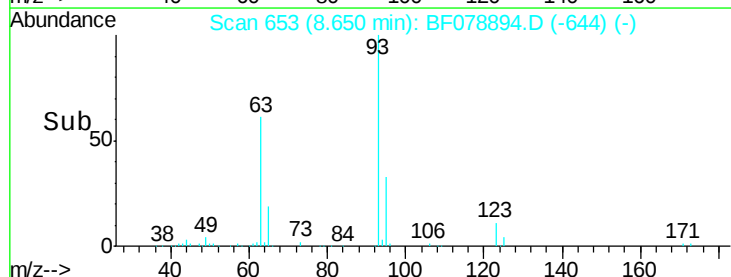
123 11.4 9.1 13.7

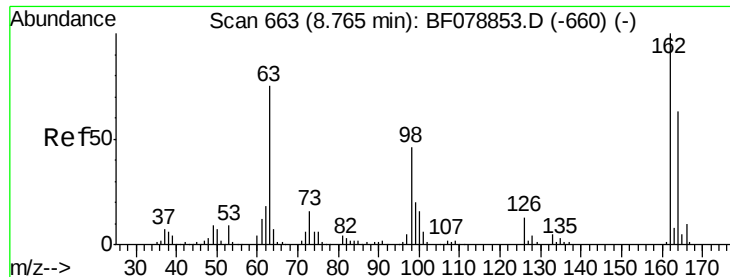


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

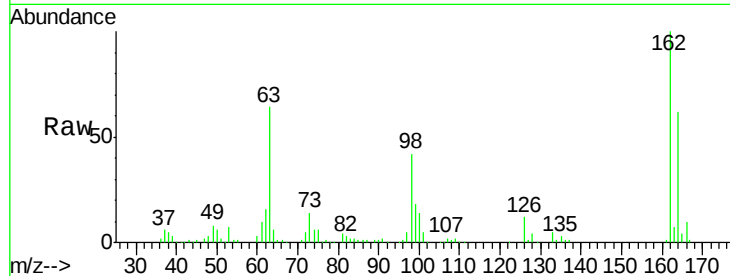




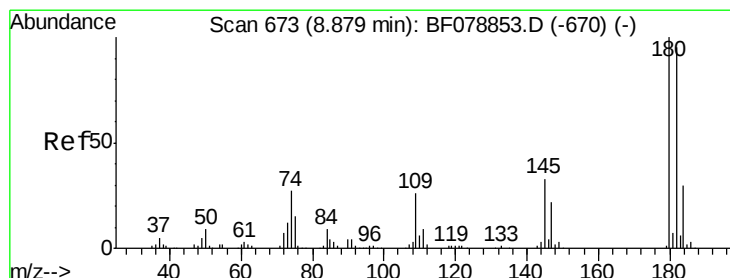
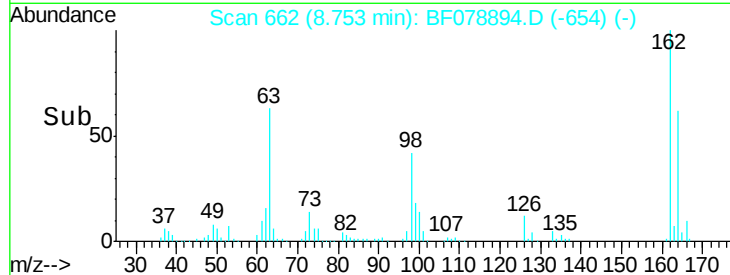
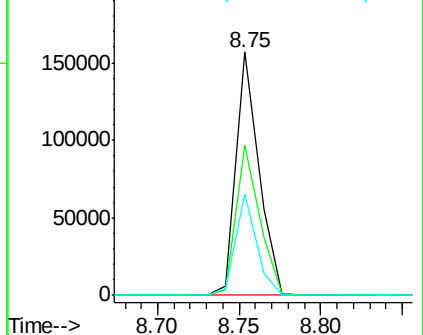
#29
 2,4-Dichlorophenol
 Concen: 40.31 ng
 RT: 8.75 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.9	43.6	83.6
98	41.8	16.5	56.5

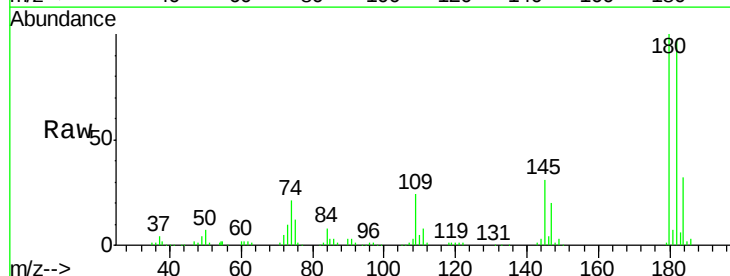


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

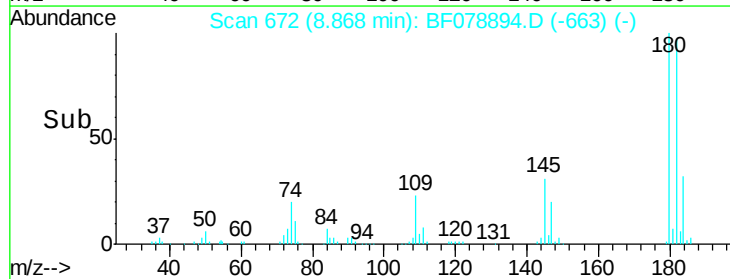
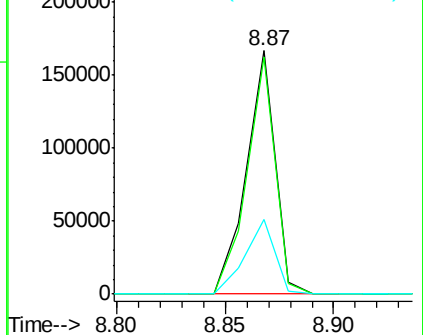


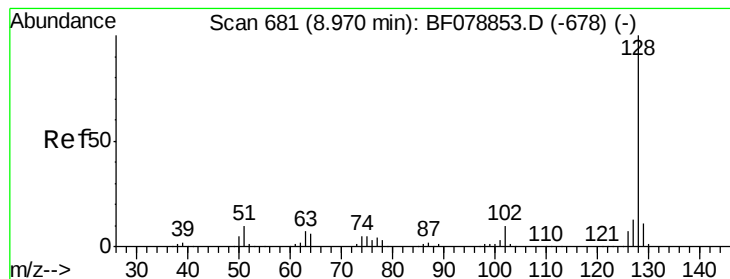
#30
 1,2,4-Trichlorobenzene
 Concen: 37.23 ng
 RT: 8.87 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.9	118.3
145	30.7	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.99 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

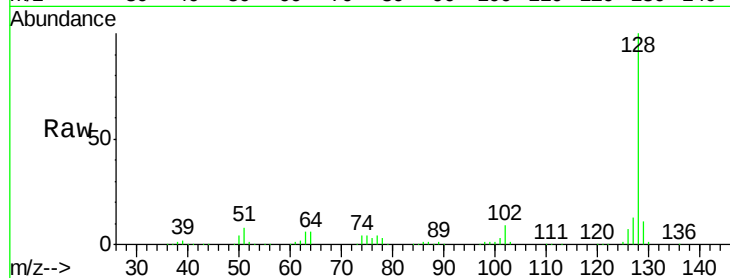
Tgt Ion:128 Resp: 519658

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

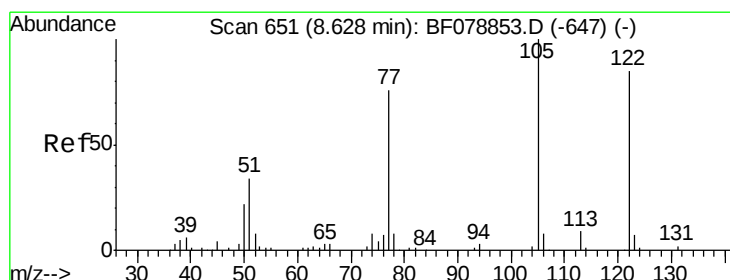
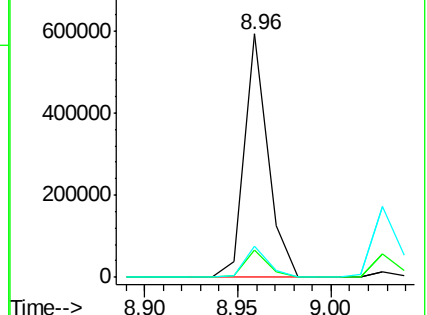
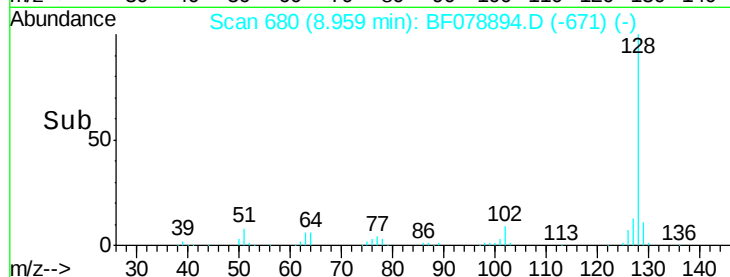
127 13.0 10.7 16.1



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: 22.59 ng

RT: 8.59 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

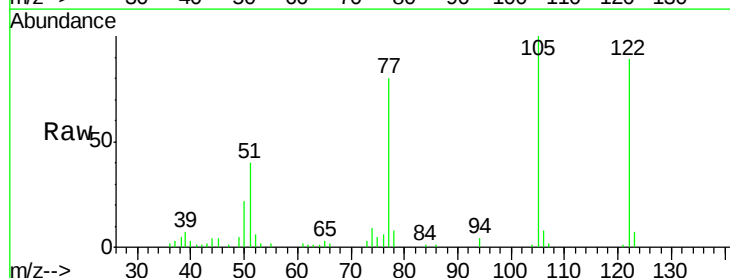
Tgt Ion:122 Resp: 49437

Ion Ratio Lower Upper

122 100

105 112.1 107.1 147.1

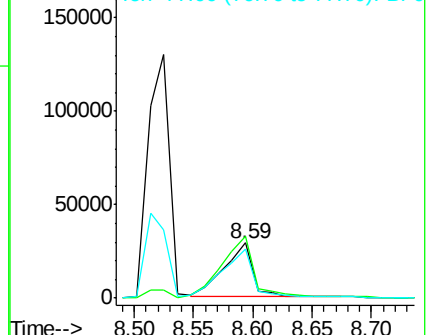
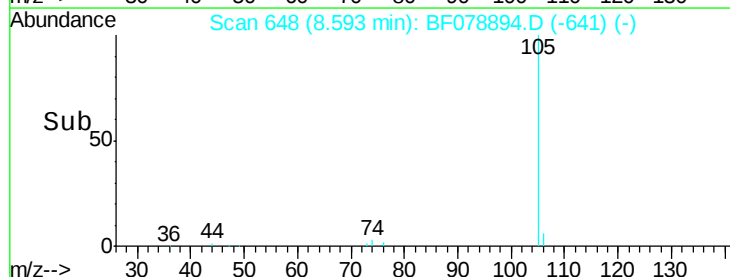
77 89.3 73.9 113.9



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

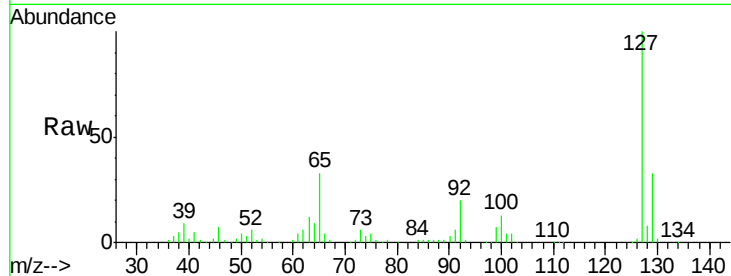




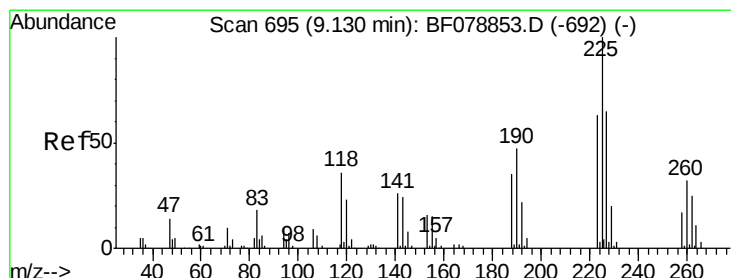
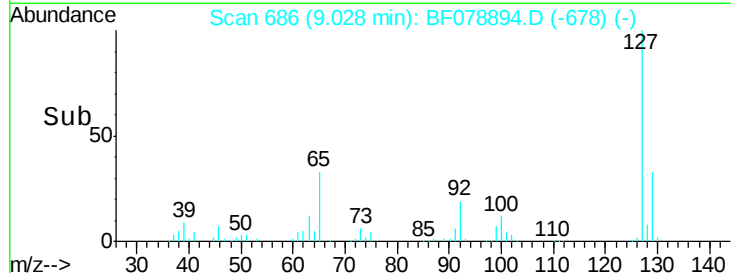
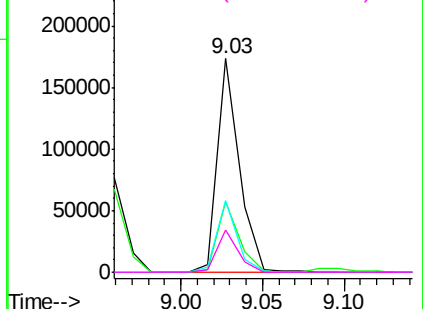
#33
 4-Chloroaniline
 Concen: 27.47 ng
 RT: 9.03 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

Tgt Ion:	127	Resp:	163316
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	33.5	25.8	38.6
92	19.7	15.5	23.3

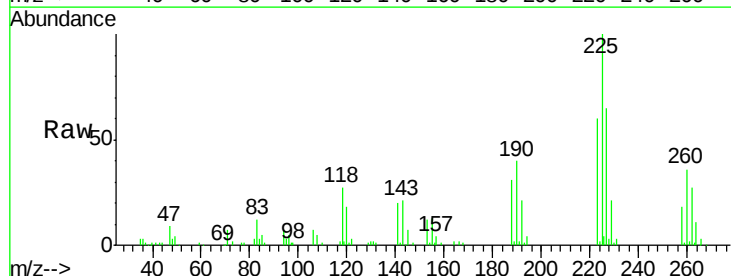


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

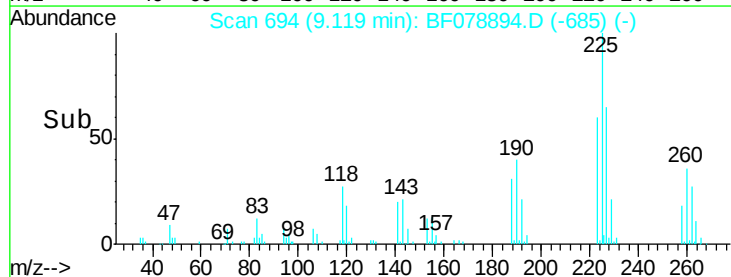
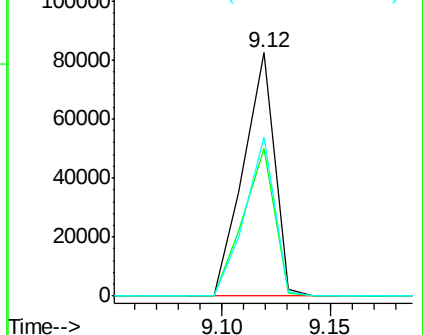


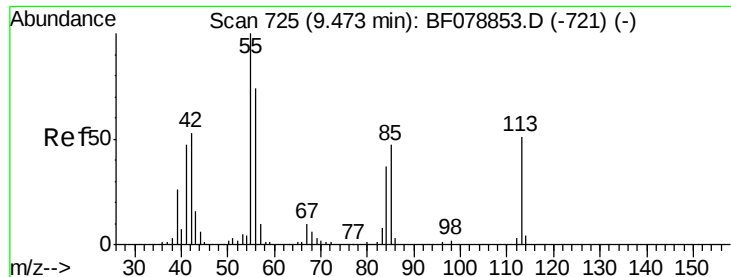
#34
 Hexachlorobutadiene
 Concen: 34.57 ng
 RT: 9.12 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion:	225	Resp:	81917
Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.2	72.4
227	65.3	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

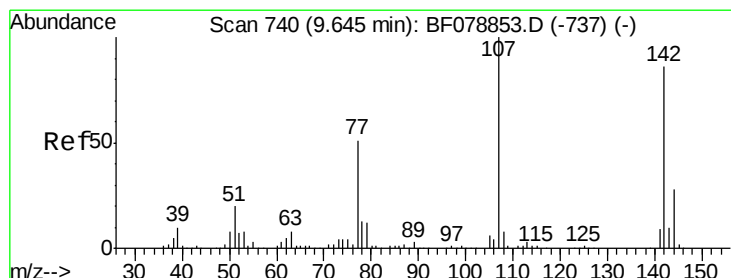
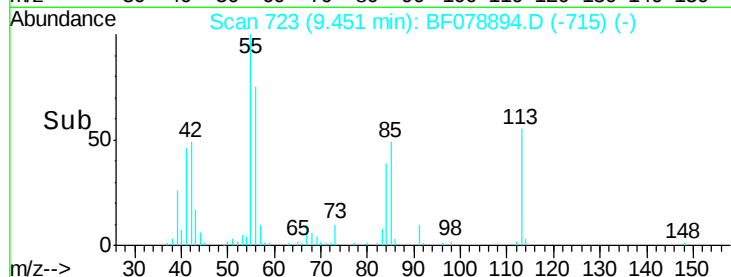
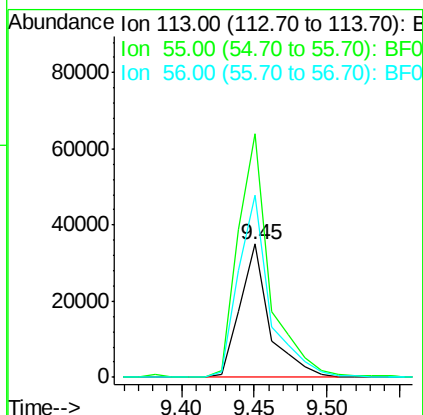
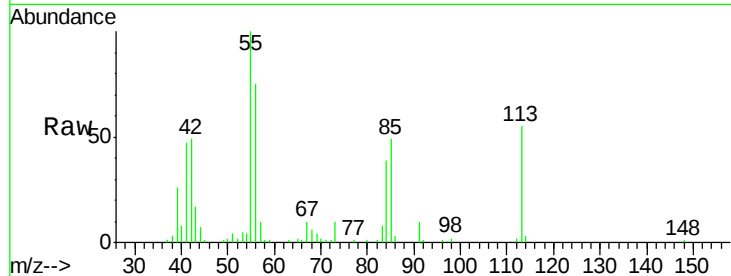




#35
 Caprolactam
 Concen: 40.86 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

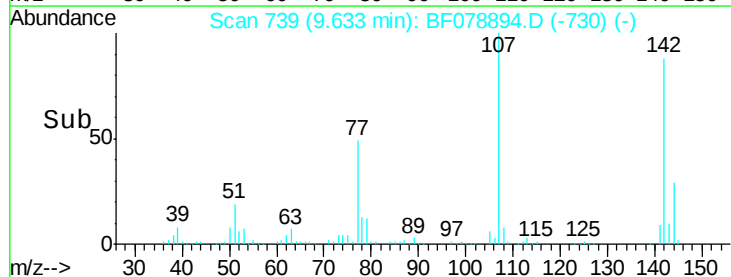
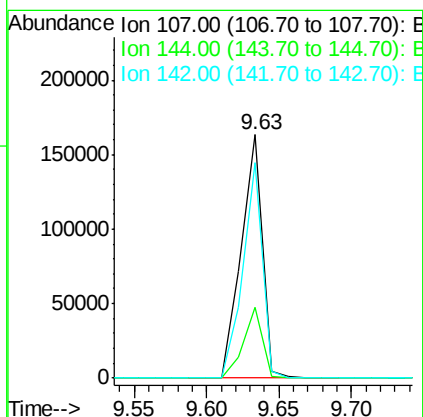
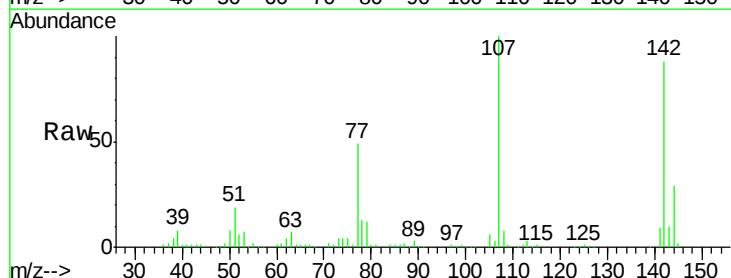
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

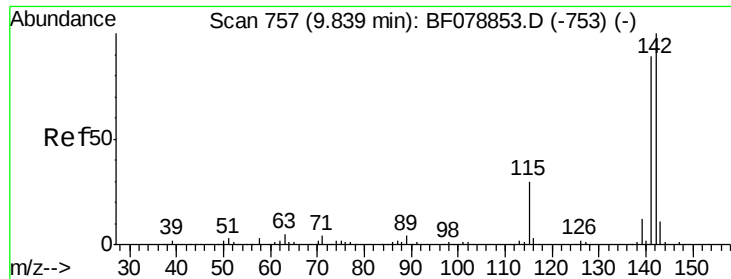
Tgt Ion:113 Resp: 49488
 Ion Ratio Lower Upper
 113 100
 55 183.1 169.7 209.7
 56 137.3 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.02 ng
 RT: 9.63 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion:107 Resp: 165296
 Ion Ratio Lower Upper
 107 100
 144 29.3 19.8 29.6
 142 88.4 60.6 91.0

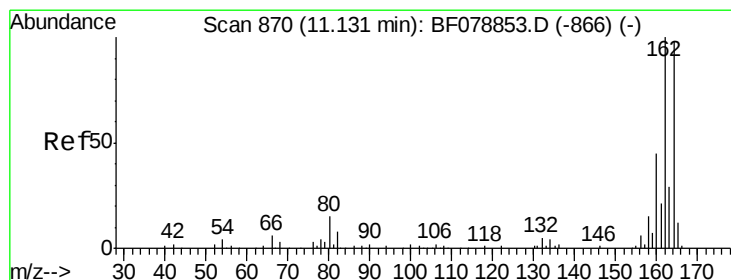
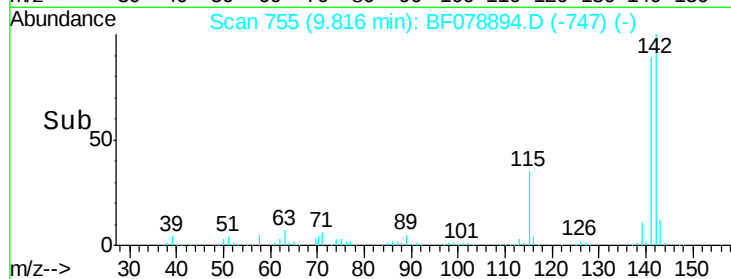
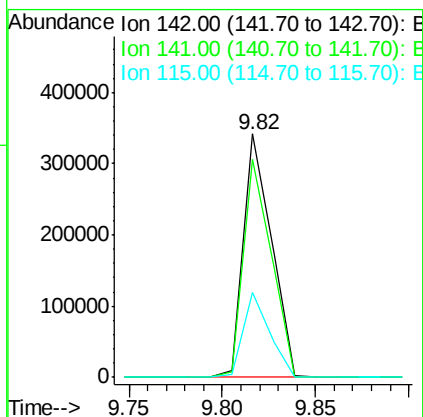
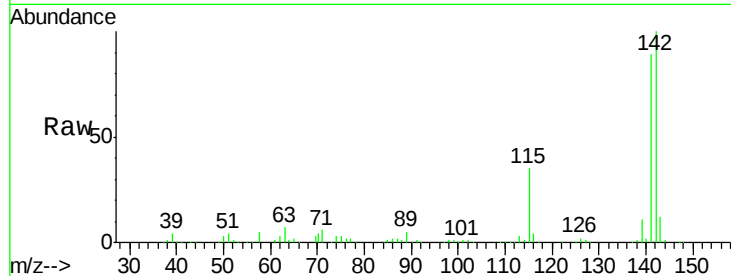




#37
 2-Methylnaphthalene
 Concen: 37.09 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

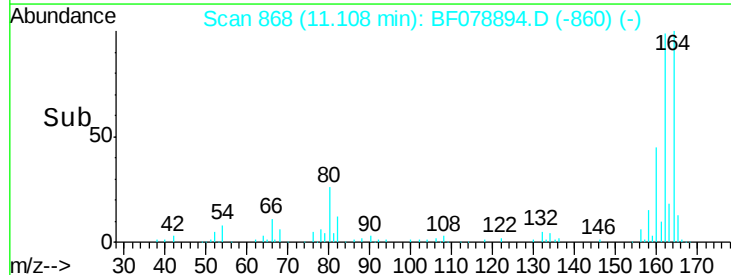
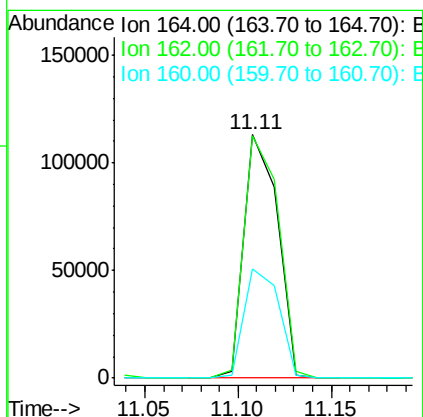
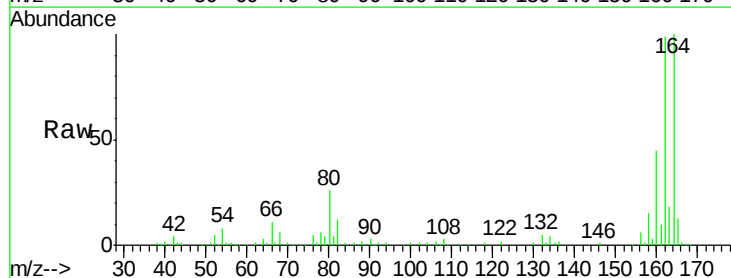
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

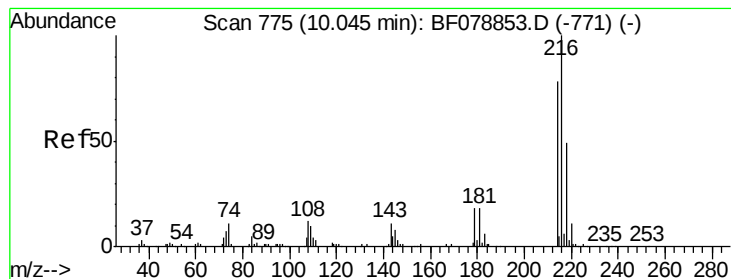
Tgt Ion:142 Resp: 361127
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.9 106.3
 115 34.8 28.5 42.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion:164 Resp: 141699
 Ion Ratio Lower Upper
 164 100
 162 99.3 82.7 124.1
 160 44.7 35.8 53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.75 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

Tgt Ion:216 Resp: 142662

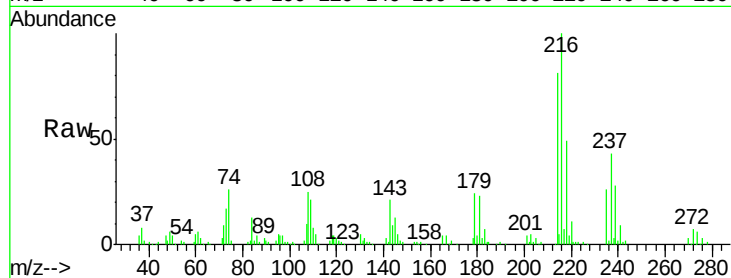
Ion Ratio Lower Upper

216 100

214 79.6 0.0 0.0#

179 21.8 0.0 0.0#

108 23.9 0.0 0.0#

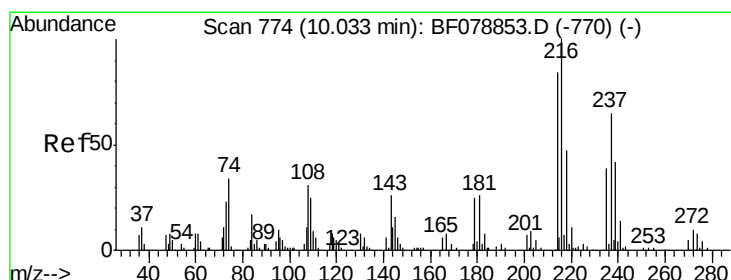
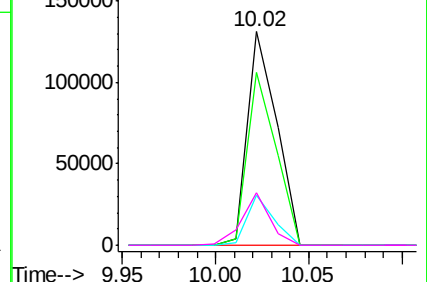
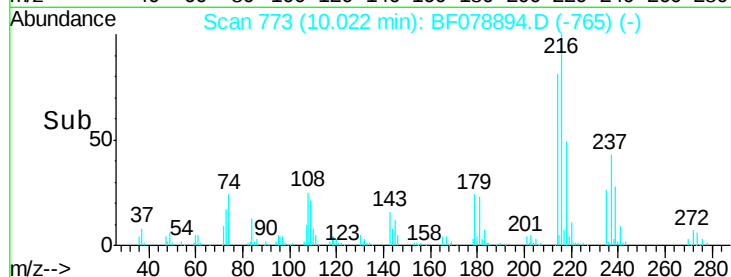


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.20 ng

RT: 10.01 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

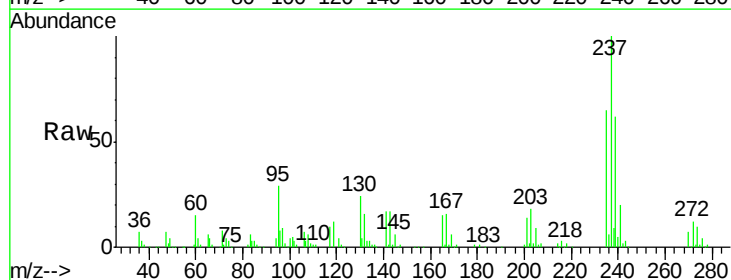
Tgt Ion:237 Resp: 150900

Ion Ratio Lower Upper

237 100

235 65.0 44.7 84.7

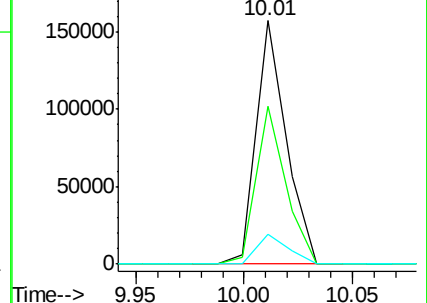
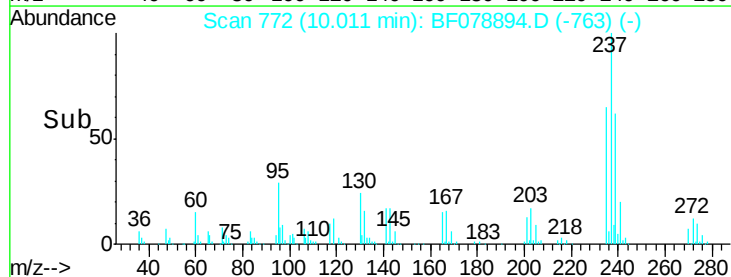
272 12.4 0.0 32.6



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

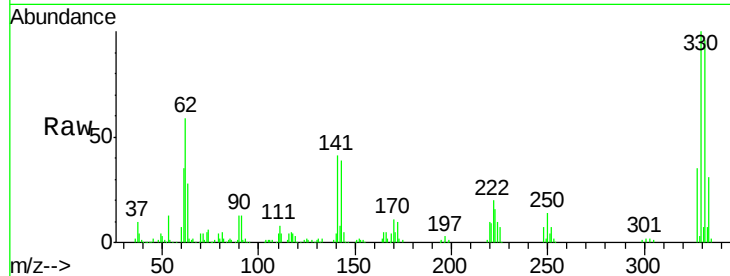




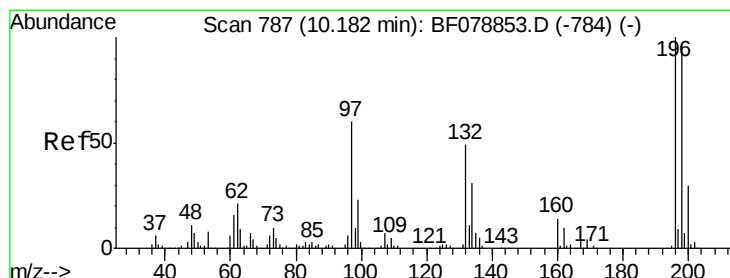
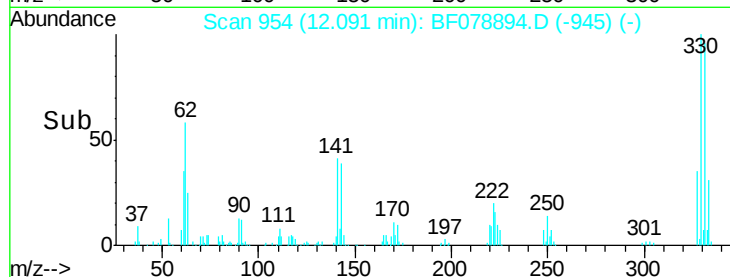
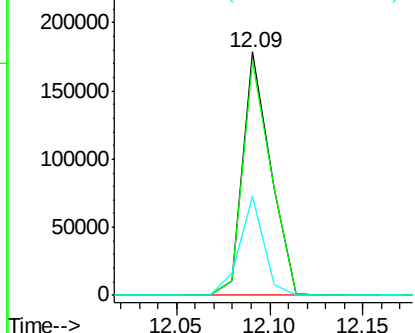
#41
 2,4,6-Tribromophenol
 Concen: 120.84 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

Tgt Ion:330 Resp: 185245
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 35.9 0.0 0.0#

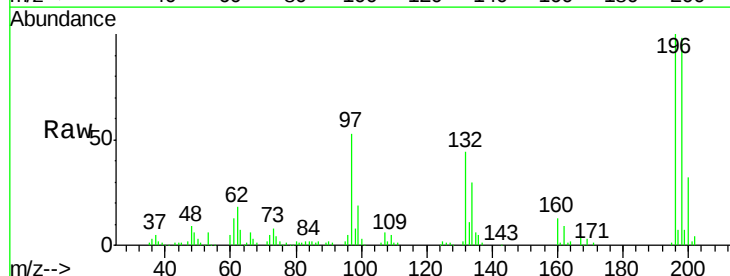


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

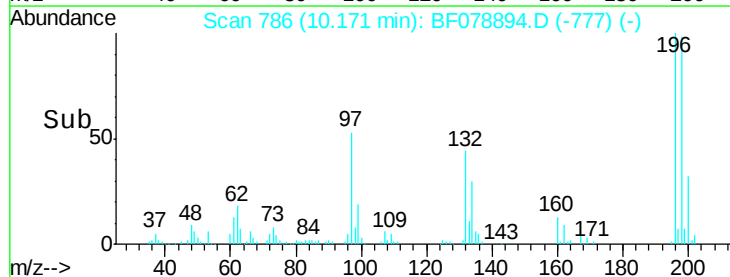
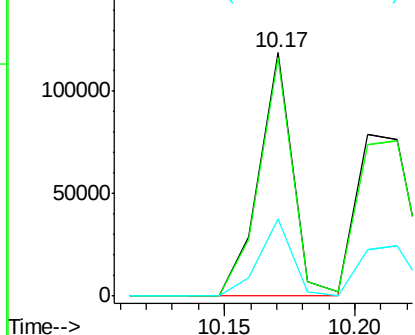


#42
 2,4,6-Trichlorophenol
 Concen: 39.34 ng
 RT: 10.17 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion:196 Resp: 107947
 Ion Ratio Lower Upper
 196 100
 198 98.0 80.5 120.7
 200 31.6 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

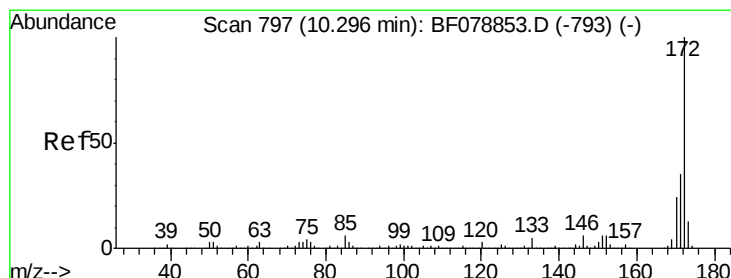
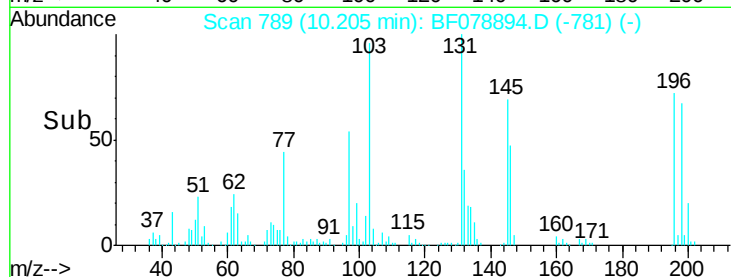
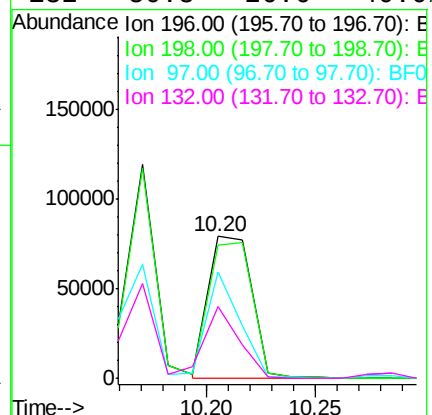
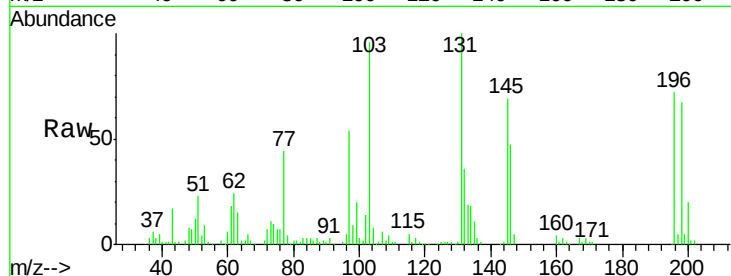




#43
 2,4,5-Trichlorophenol
 Concen: 39.15 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

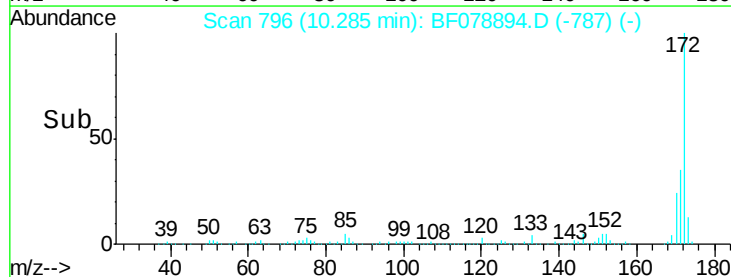
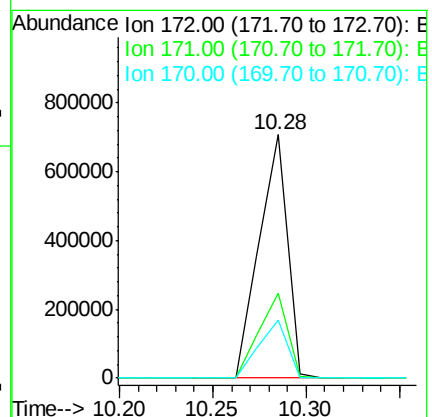
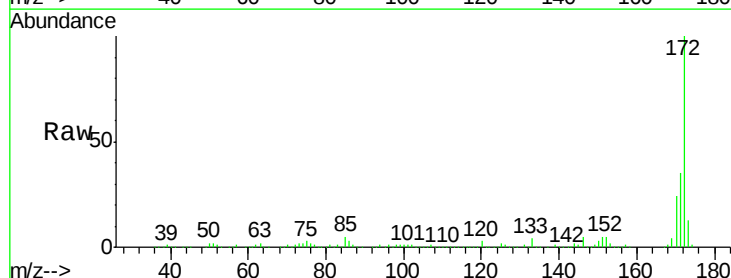
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

Tgt Ion:196 Resp: 108599
 Ion Ratio Lower Upper
 196 100
 198 93.8 79.8 119.6
 97 74.9 46.0 69.0#
 132 50.8 26.6 40.0#



#44
 2-Fluorobiphenyl
 Concen: 72.64 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion:172 Resp: 738830
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.9 41.9
 170 23.6 19.4 29.0





#45

1,1'-Biphenyl

Concen: 37.84 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampled :

SB-61DMSD

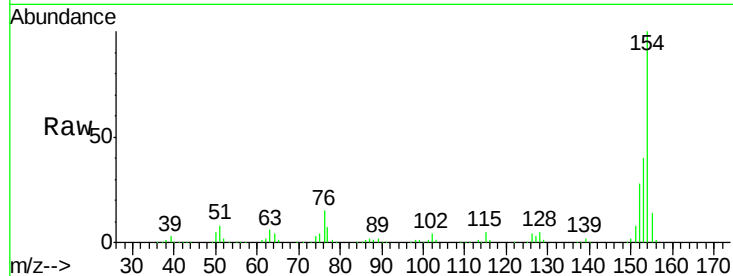
Tgt Ion:154 Resp: 426256

Ion Ratio Lower Upper

154 100

153 39.9 19.9 59.9

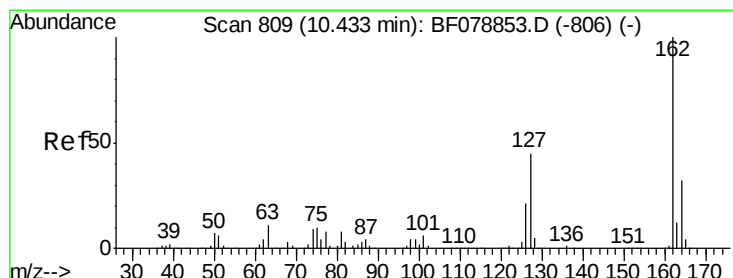
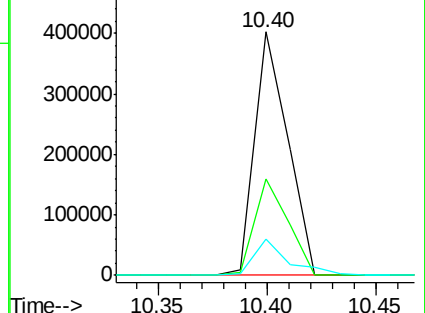
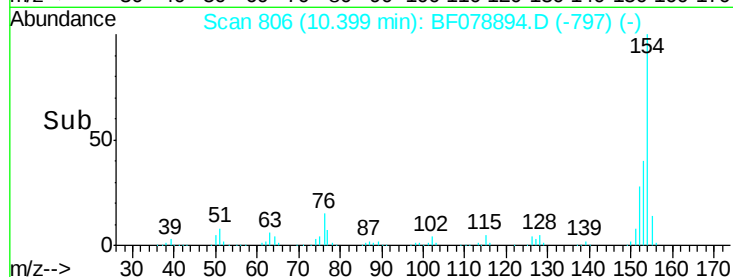
76 15.0 0.0 35.0



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: 37.54 ng

RT: 10.42 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

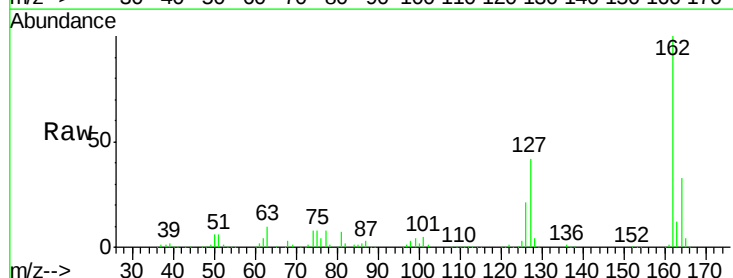
Tgt Ion:162 Resp: 329853

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

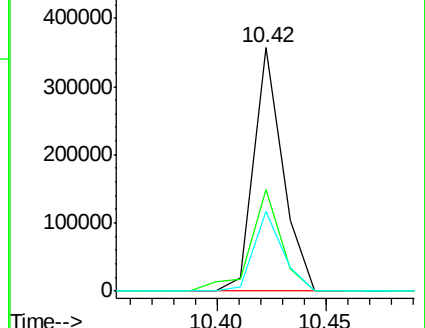
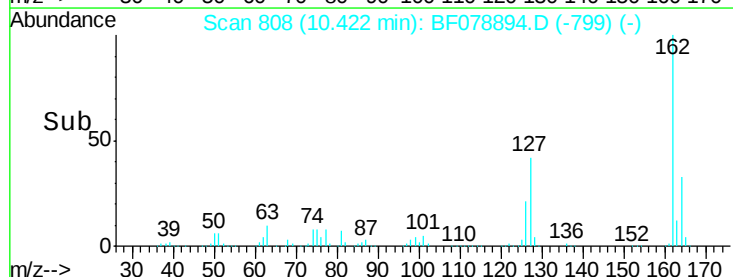
164 32.9 26.3 39.5



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

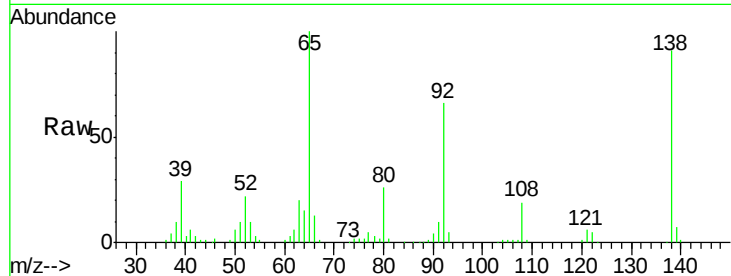




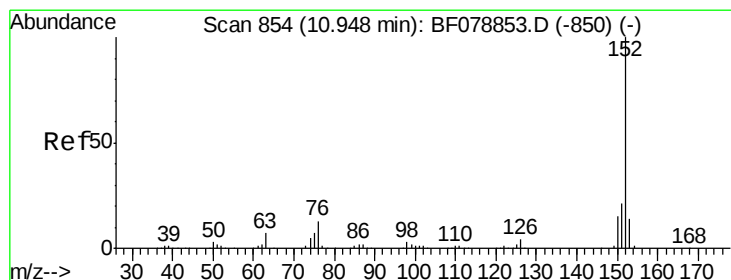
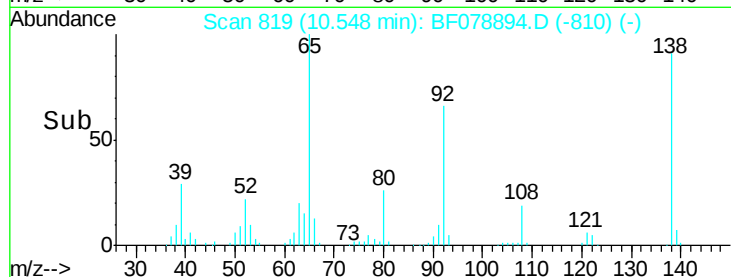
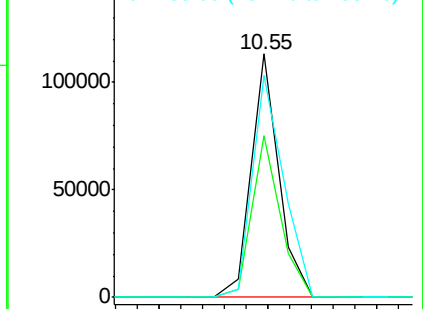
#47
2-Nitroaniline
Concen: 39.29 ng
RT: 10.55 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

Tgt Ion: 65 Resp: 100024
Ion Ratio Lower Upper
65 100
92 66.5 54.0 81.0
138 91.1 75.0 112.6

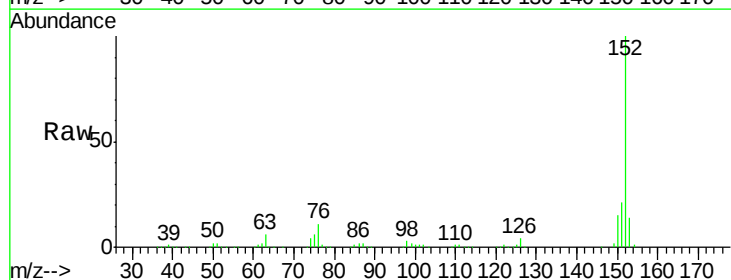


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

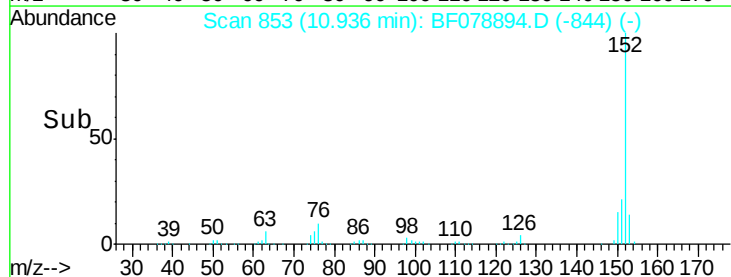
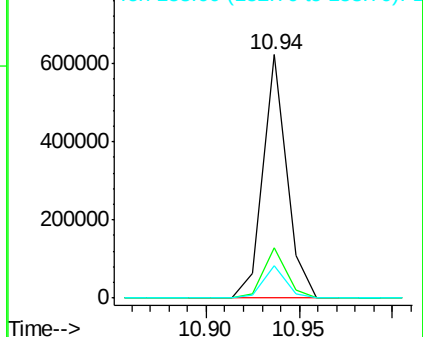


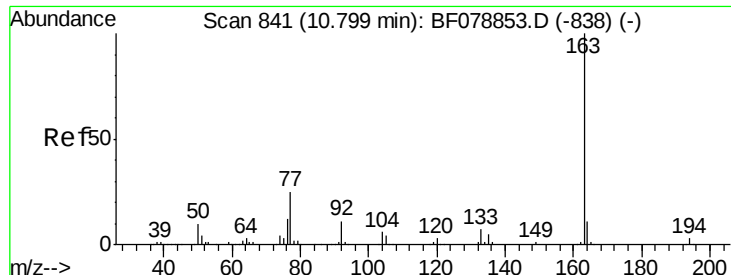
#48
Acenaphthylene
Concen: 37.89 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion: 152 Resp: 546704
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.6 10.9 16.3



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

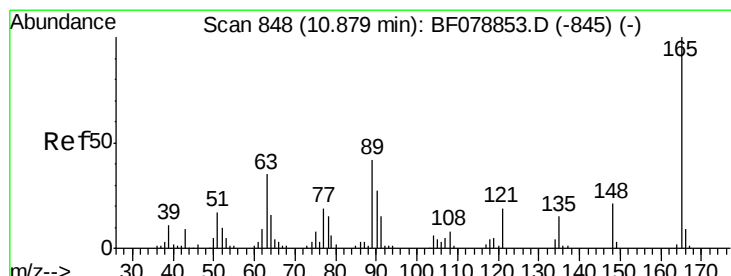
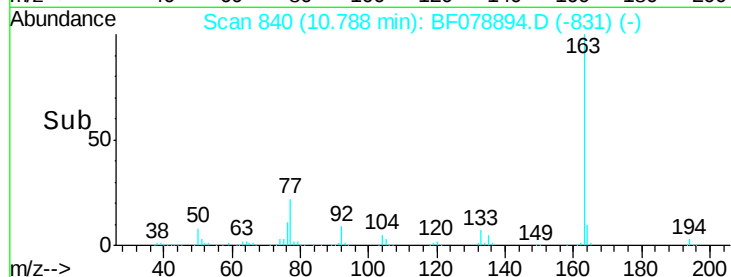
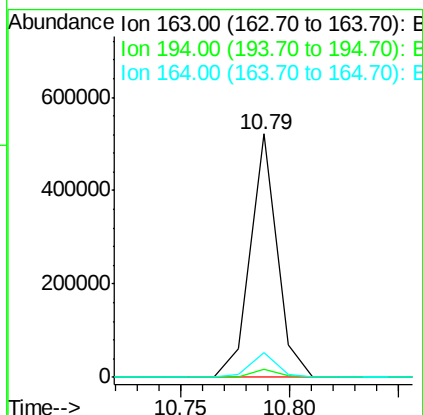
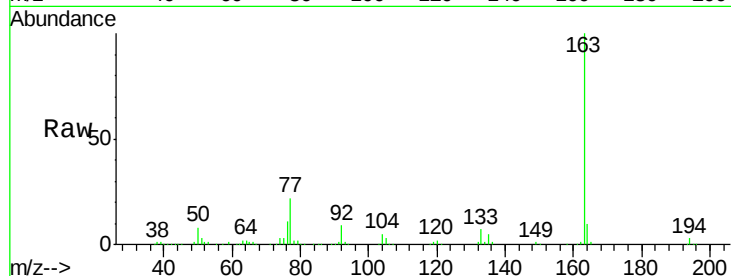




#49
Dimethylphthalate
Concen: 43.07 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

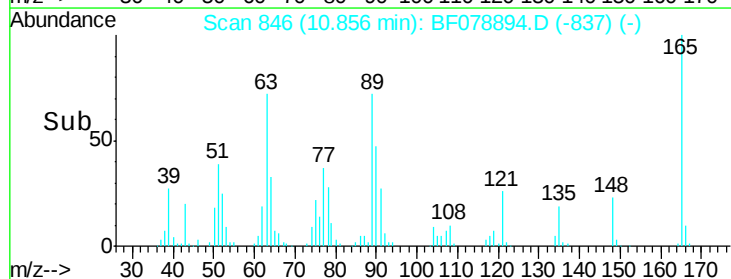
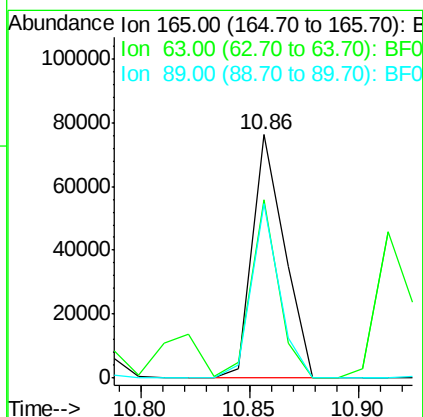
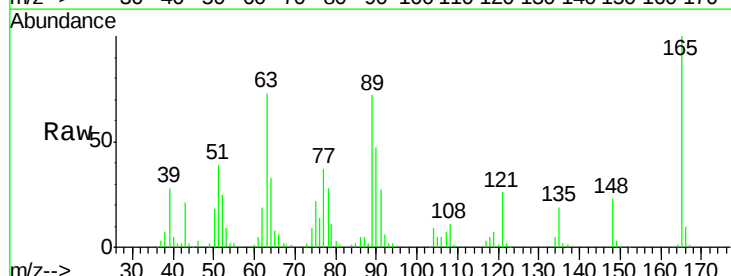
Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

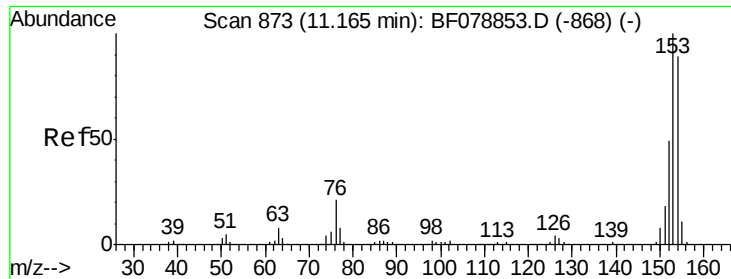
Tgt Ion:163 Resp: 447861
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 38.23 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion:165 Resp: 78464
Ion Ratio Lower Upper
165 100
63 73.1 54.4 81.6
89 71.8 55.7 83.5

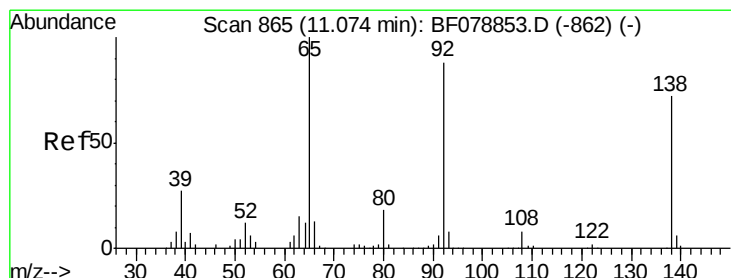
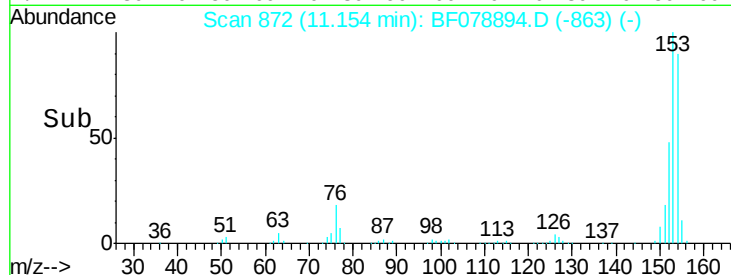
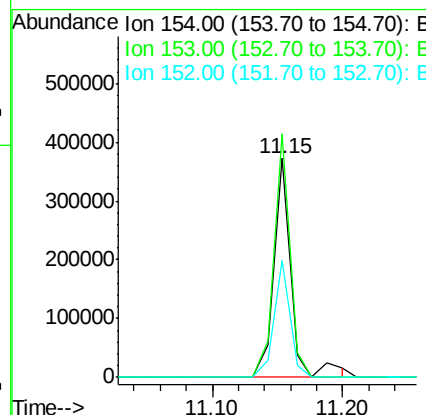
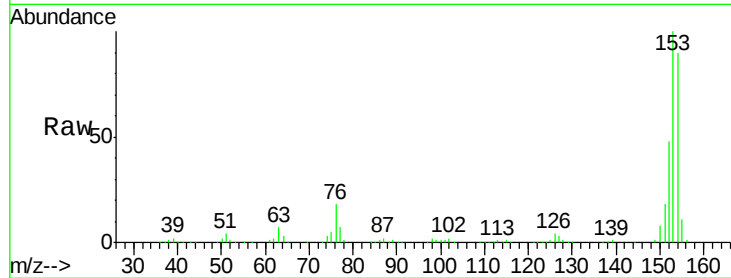




#51
Acenaphthene
Concen: 40.40 ng
RT: 11.15 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

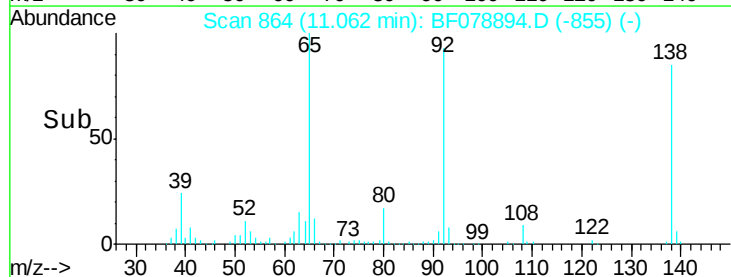
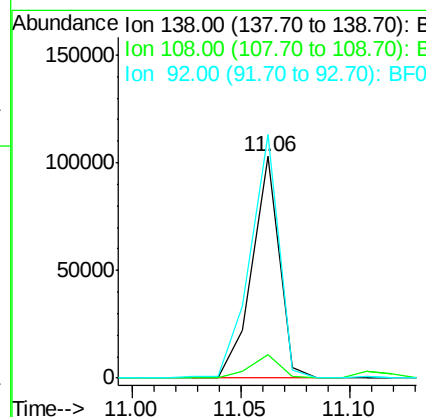
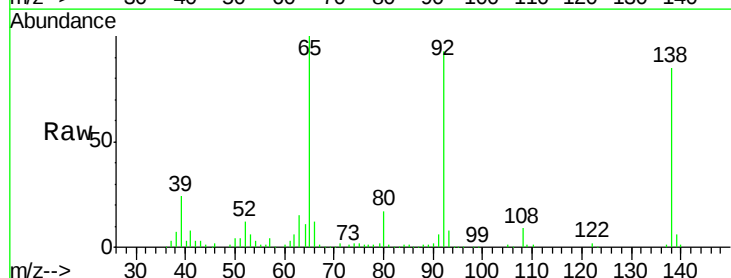
Instrument :
BNA_F
ClientSampled :
SB-61DMSD

Tgt Ion:154 Resp: 347557
Ion Ratio Lower Upper
154 100
153 111.1 91.5 137.3
152 53.6 44.2 66.4



#52
3-Nitroaniline
Concen: 34.82 ng
RT: 11.06 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion:138 Resp: 89273
Ion Ratio Lower Upper
138 100
108 10.5 10.6 16.0#
92 109.9 81.8 122.6

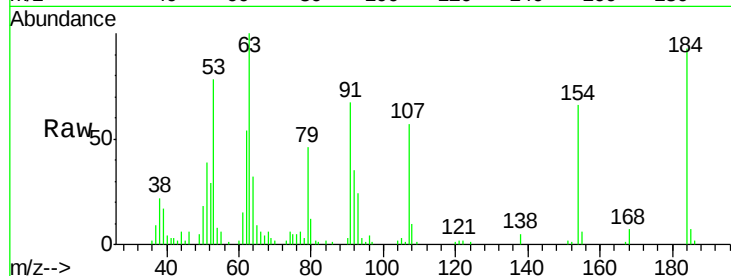




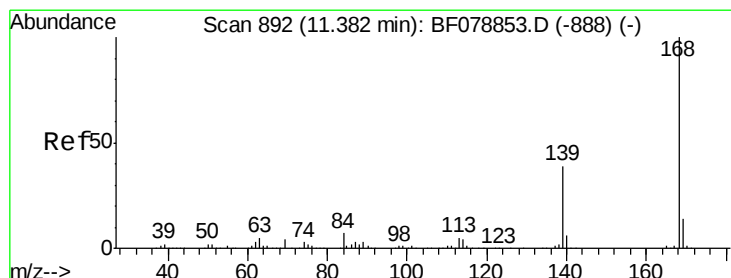
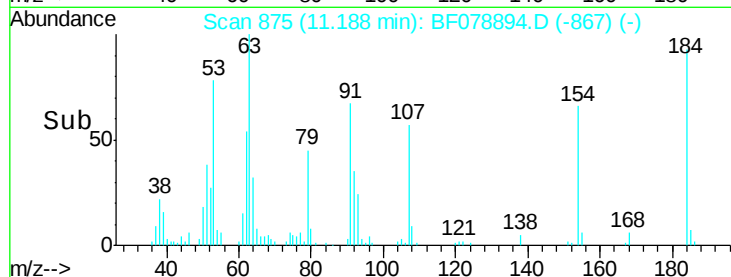
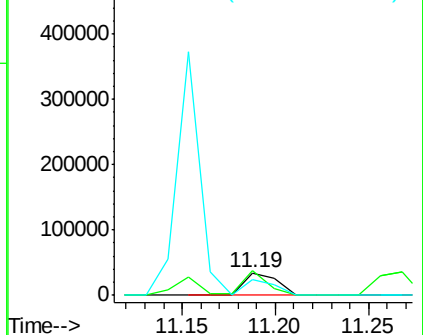
#53
2,4-Dinitrophenol
Concen: 60.70 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

Tgt Ion:184 Resp: 43975
Ion Ratio Lower Upper
184 100
63 107.1 63.3 94.9#
154 70.2 53.8 80.6

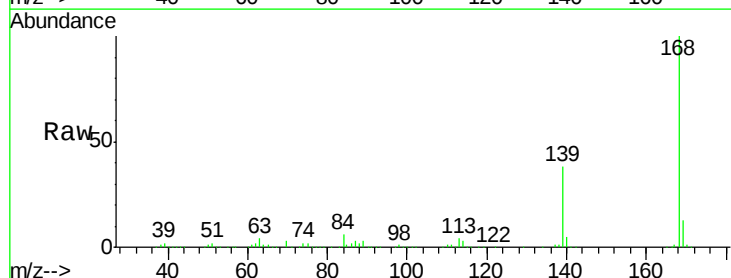


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

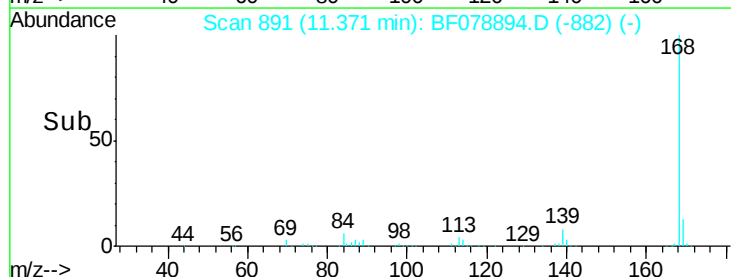
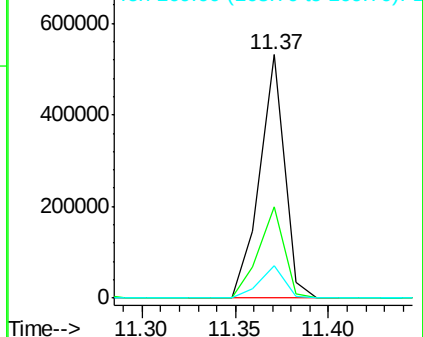


#54
Dibenzofuran
Concen: 39.26 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion:168 Resp: 487913
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.4
169 13.2 10.6 16.0



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

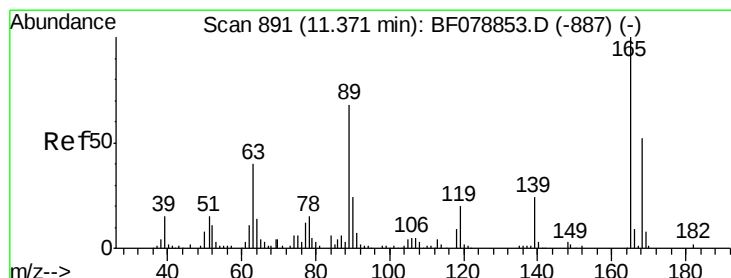
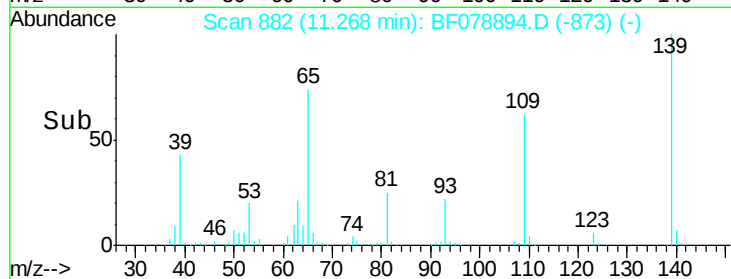
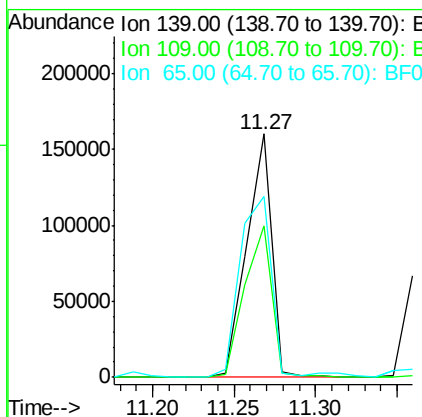
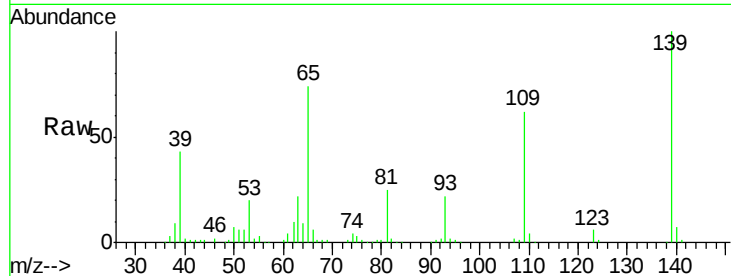




#55
4-Nitrophenol
Concen: 84.13 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

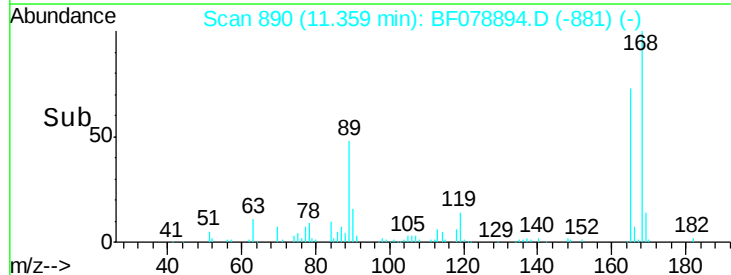
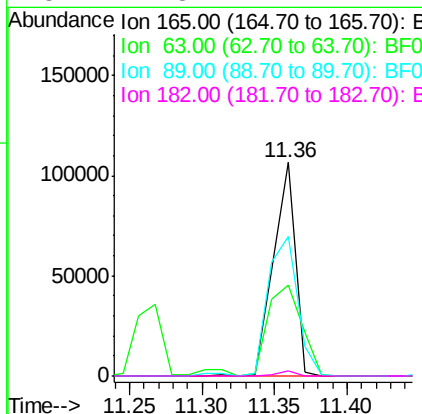
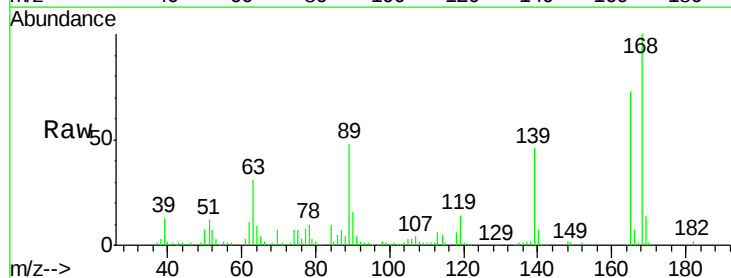
Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

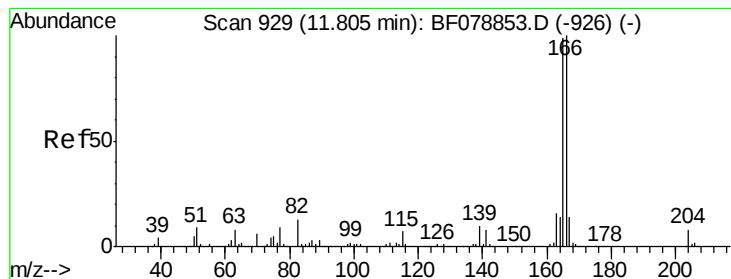
Tgt Ion:139 Resp: 170704
Ion Ratio Lower Upper
139 100
109 62.2 47.6 87.6
65 74.5 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 41.03 ng
RT: 11.36 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion:165 Resp: 111329
Ion Ratio Lower Upper
165 100
63 42.7 51.2 76.8#
89 65.6 82.7 124.1#
182 2.3 1.4 2.2#





#57

Fluorene

Concen: 38.21 ng

RT: 11.79 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

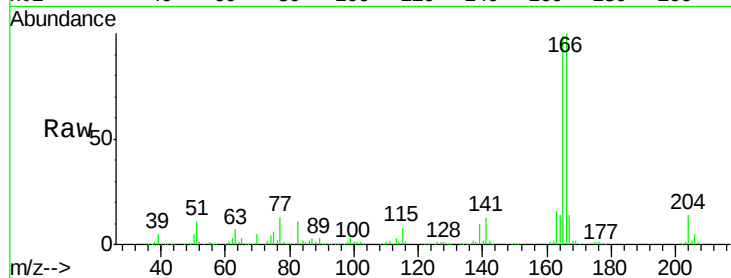
Tgt Ion:166 Resp: 389741

Ion Ratio Lower Upper

166 100

165 98.9 78.5 117.7

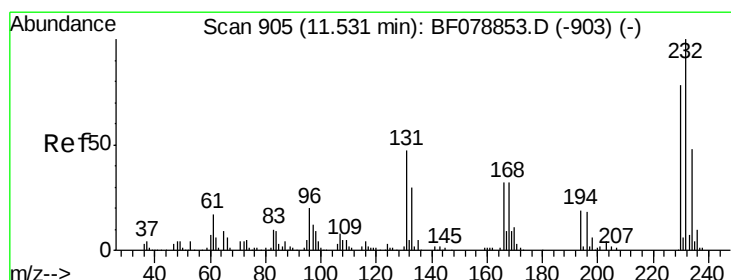
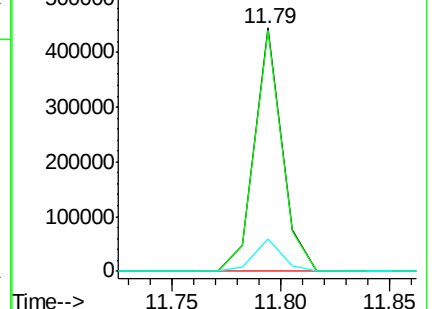
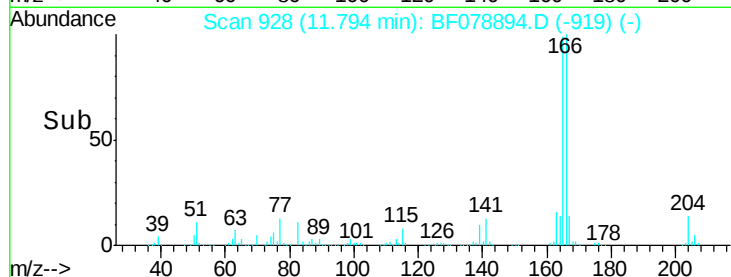
167 13.6 11.0 16.6



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: 40.96 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Tgt Ion:232 Resp: 92841

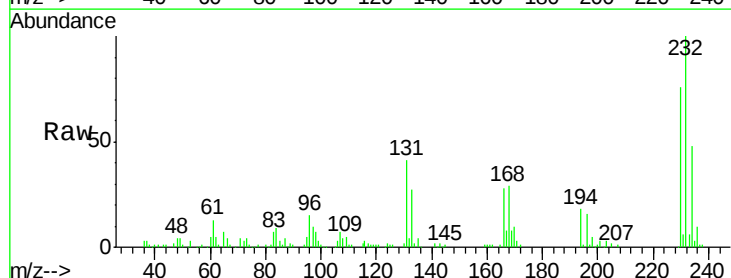
Ion Ratio Lower Upper

232 100

131 51.3 0.0 0.0#

130 2.4 0.0 0.0#

166 32.2 0.0 0.0#

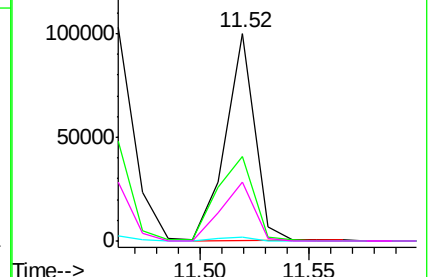
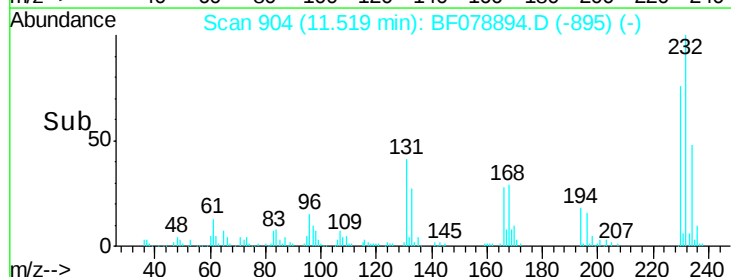


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.00 ng

RT: 11.67 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

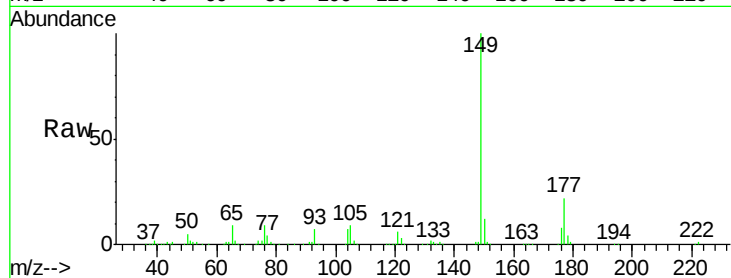
Tgt Ion:149 Resp: 401807

Ion Ratio Lower Upper

149 100

177 21.5 17.5 26.3

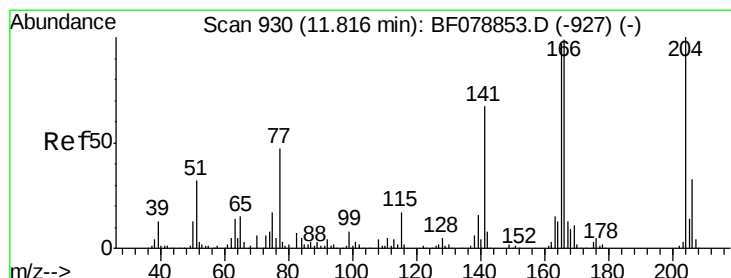
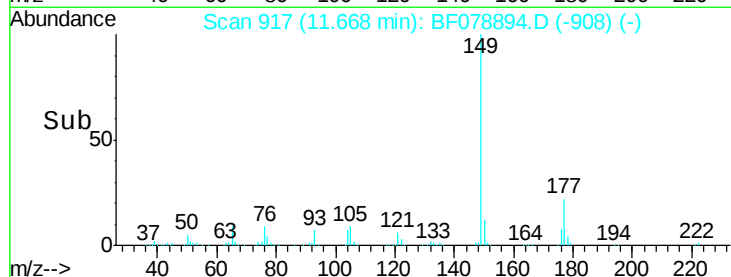
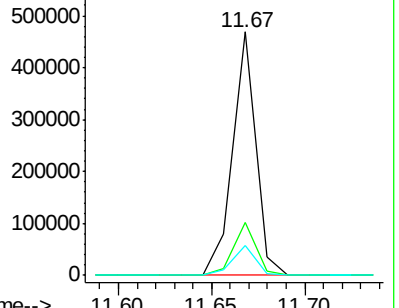
150 12.3 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.82 ng

RT: 11.81 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

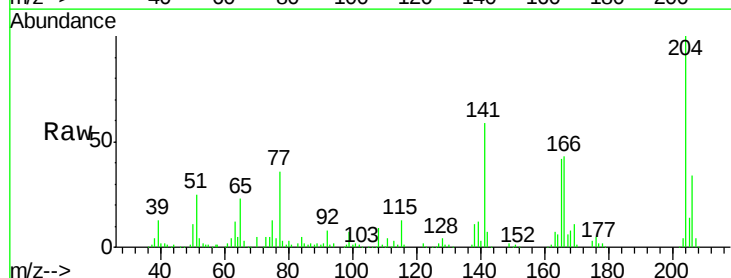
Tgt Ion:204 Resp: 171154

Ion Ratio Lower Upper

204 100

206 33.6 26.9 40.3

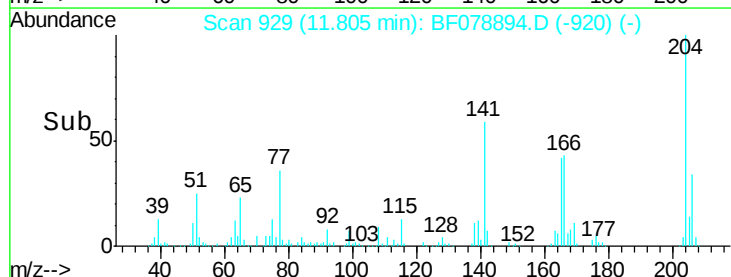
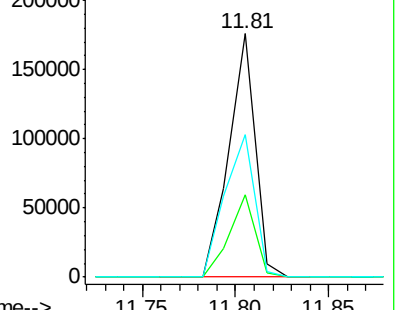
141 58.7 48.3 72.5

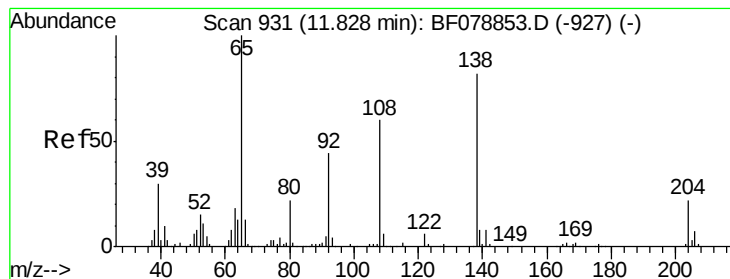


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.90 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

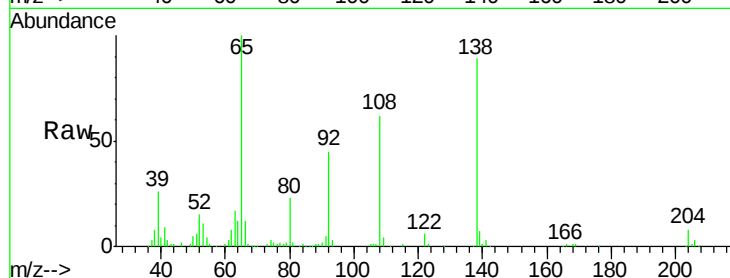
Tgt Ion:138 Resp: 99772

Ion Ratio Lower Upper

138 100

92 50.1 28.0 68.0

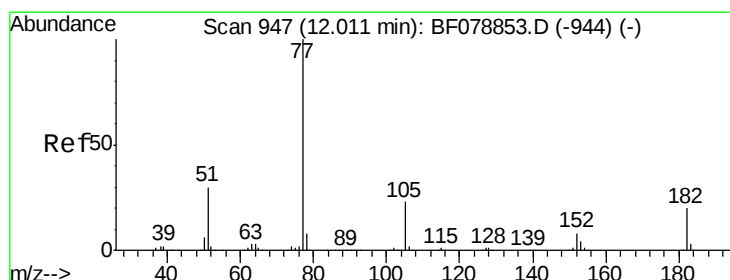
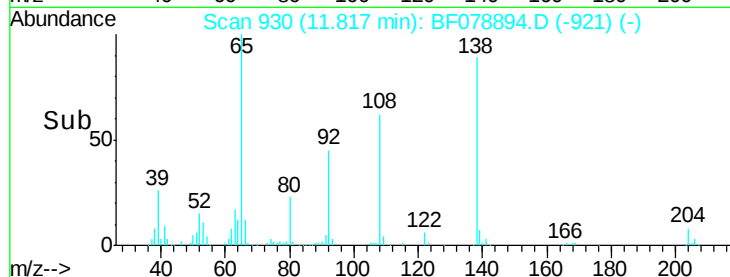
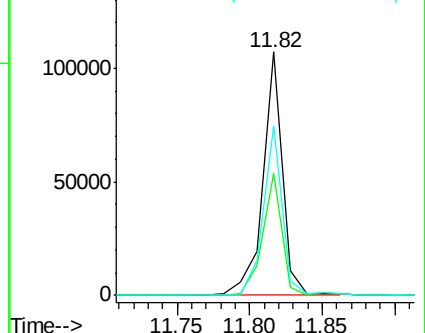
108 69.5 56.3 96.3



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: 40.62 ng

RT: 12.00 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Tgt Ion: 77 Resp: 412354

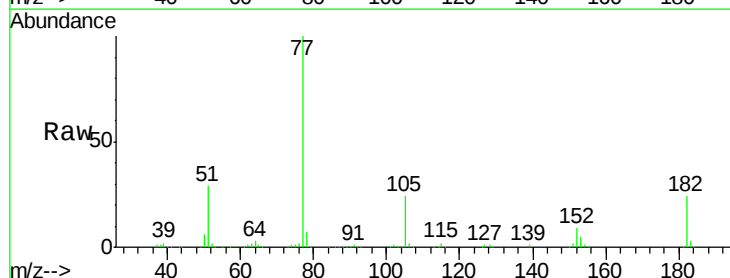
Ion Ratio Lower Upper

77 100

182 24.1 3.8 43.8

105 24.3 3.9 43.9

51 28.7 10.8 50.8

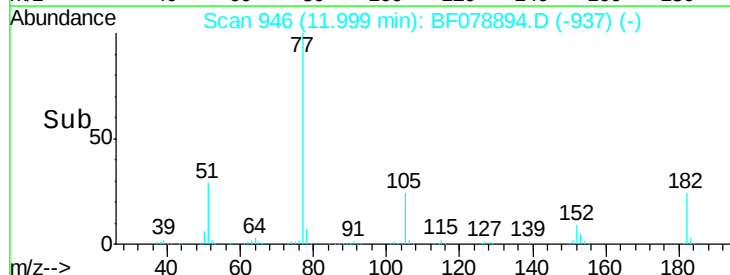
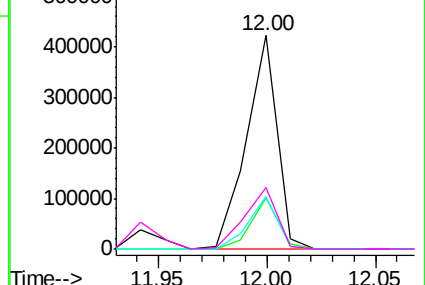


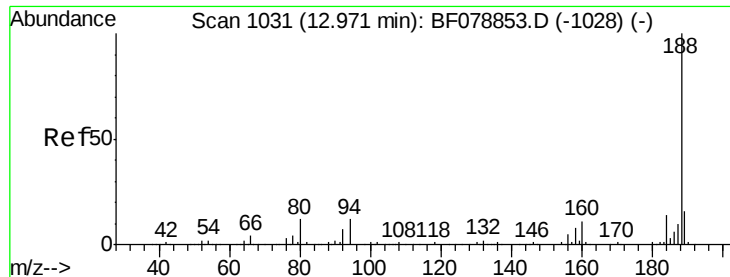
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

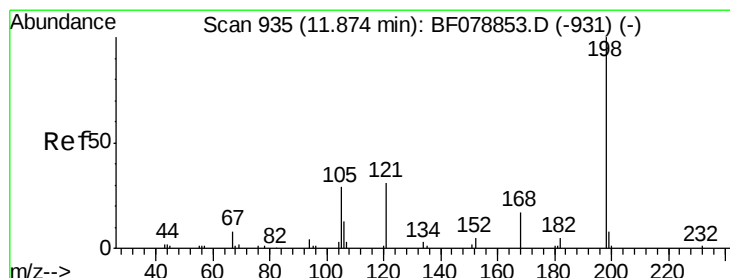
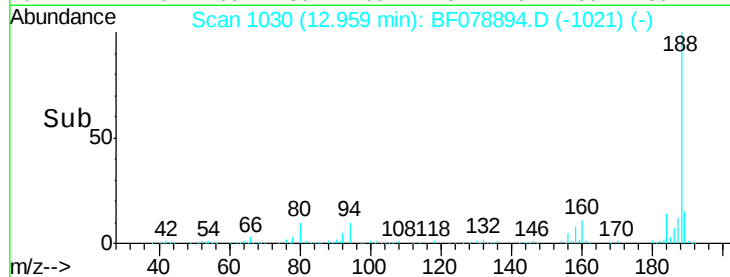
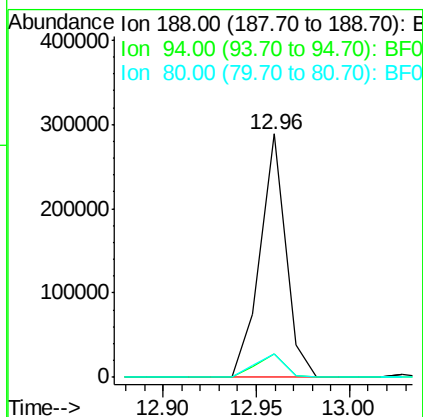
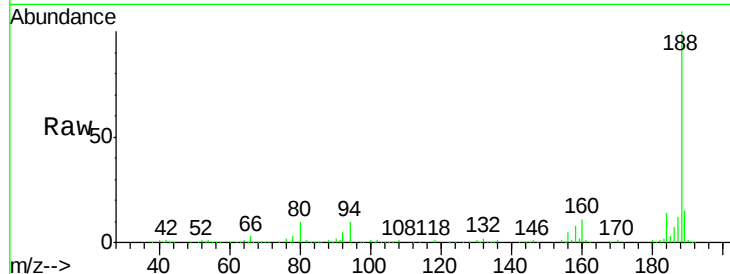




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

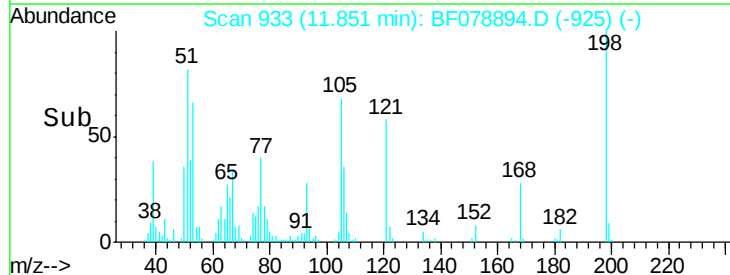
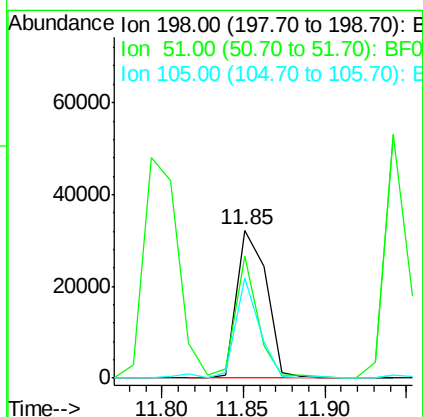
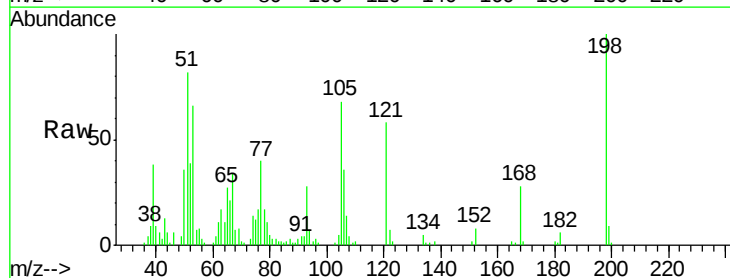
Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

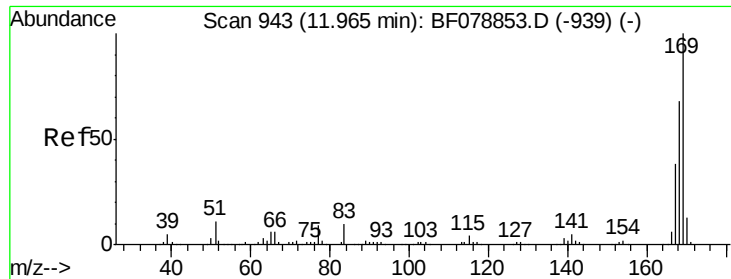
Tgt Ion:188 Resp: 276741
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 9.5 8.9 13.3



#64
4,6-Dinitro-2-methylphenol
Concen: 38.14 ng
RT: 11.85 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion:198 Resp: 40287
Ion Ratio Lower Upper
198 100
51 82.1 47.3 87.3
105 67.9 38.8 78.8

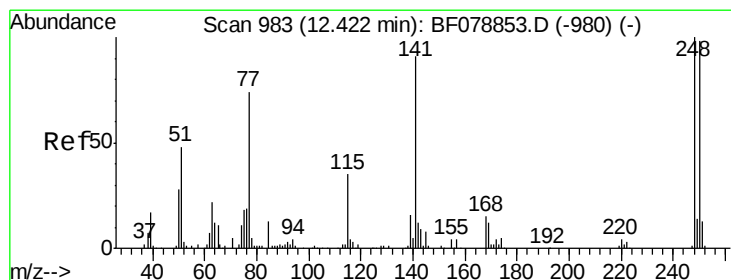
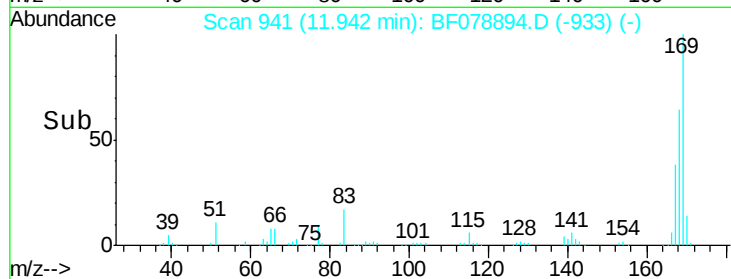
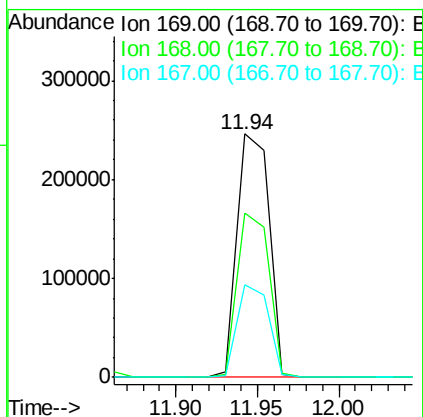
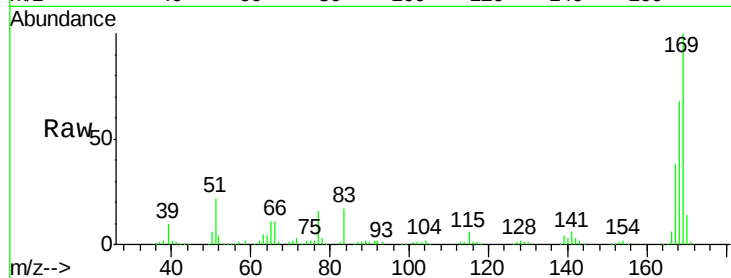




#65
 n-Nitrosodiphenylamine
 Concen: 36.00 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

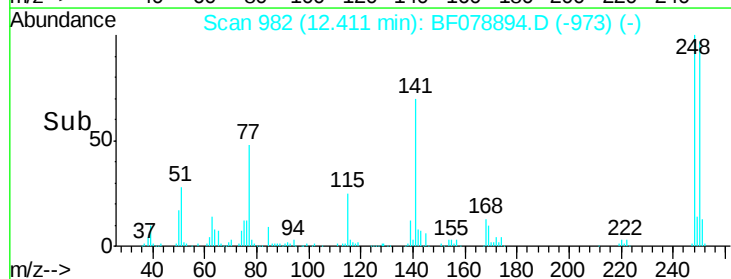
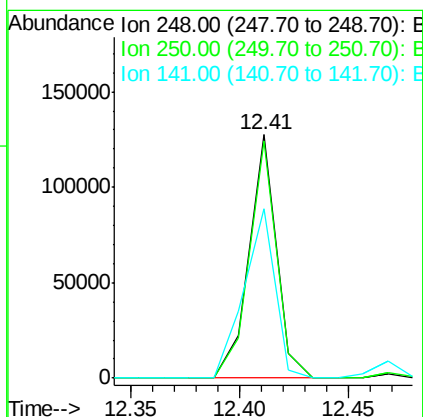
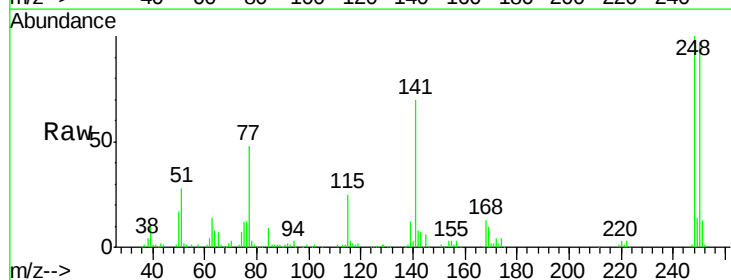
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

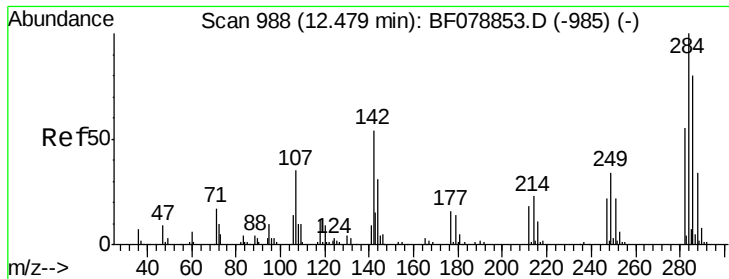
Tgt Ion:169 Resp: 331813
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.6 82.0
 167 38.2 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 38.62 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion:248 Resp: 111412
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.1 115.7
 141 69.5 58.8 88.2

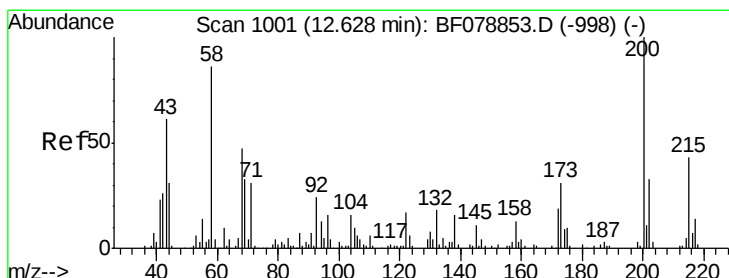
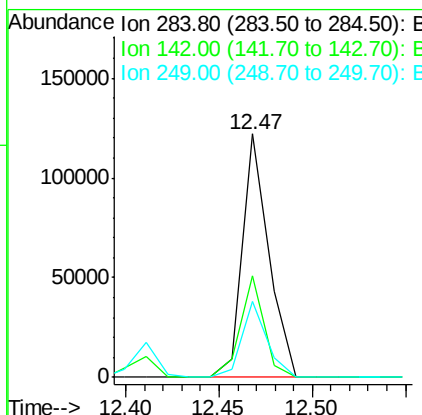
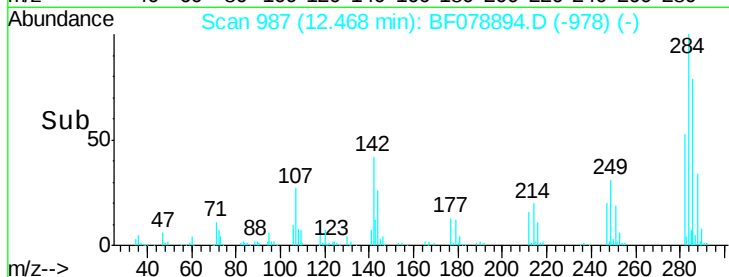
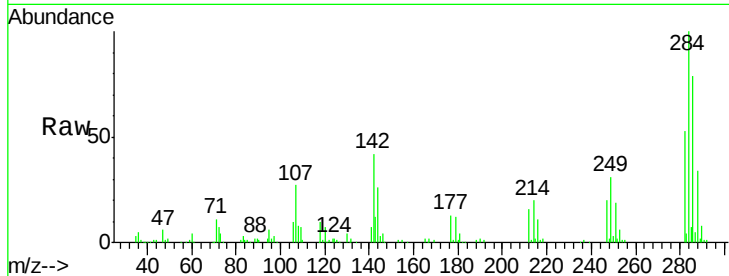




#67
Hexachlorobenzene
Concen: 36.39 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

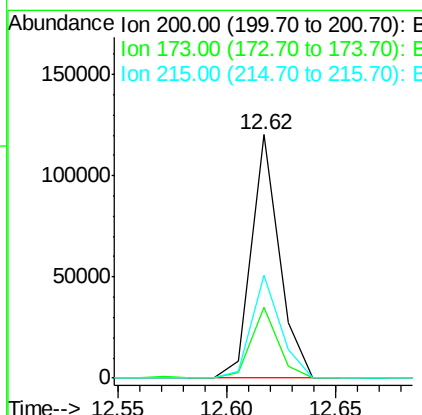
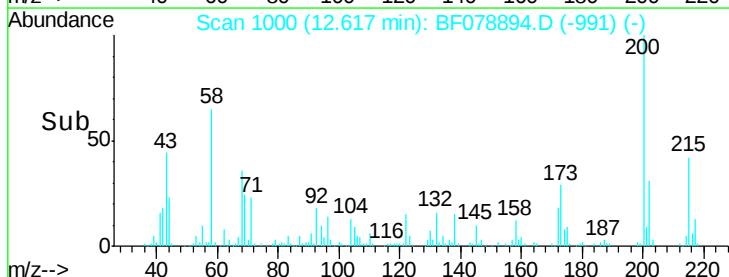
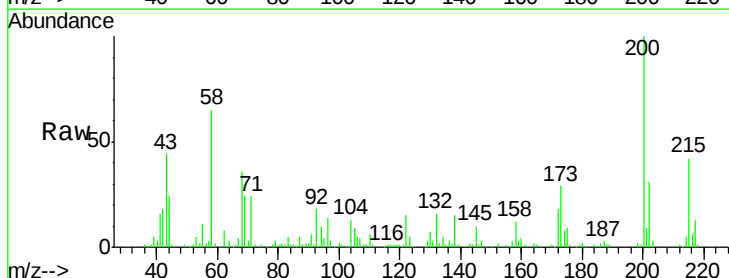
Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

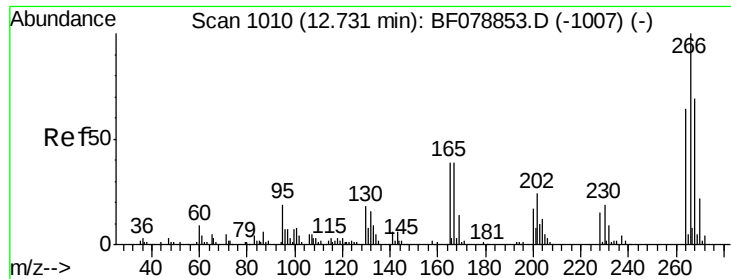
Tgt Ion: 284 Resp: 119966
Ion Ratio Lower Upper
284 100
142 42.0 35.2 52.8
249 31.2 25.4 38.2



#68
Atrazine
Concen: 40.00 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion: 200 Resp: 107210
Ion Ratio Lower Upper
200 100
173 29.2 8.1 48.1
215 42.3 22.9 62.9

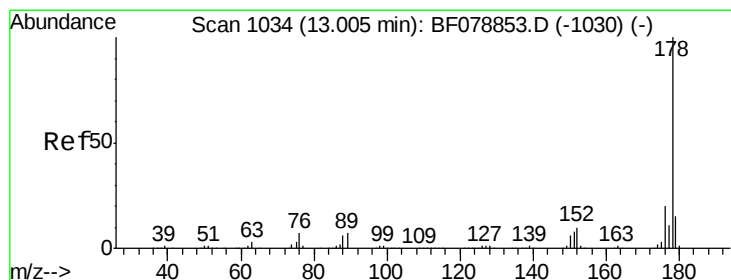
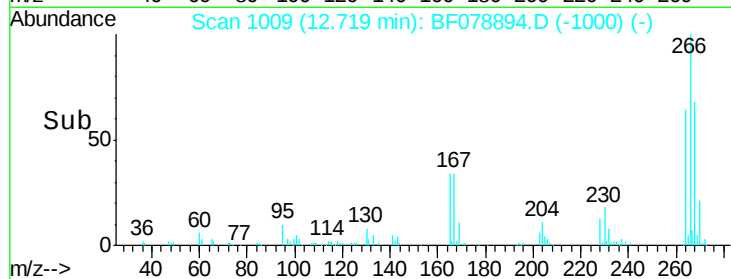
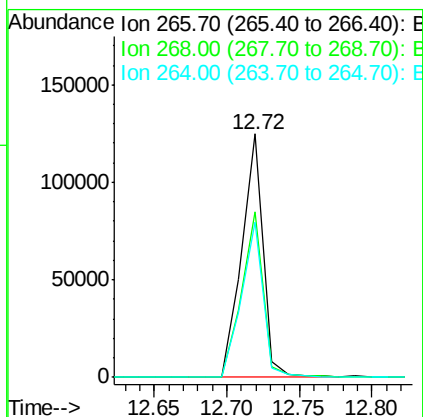
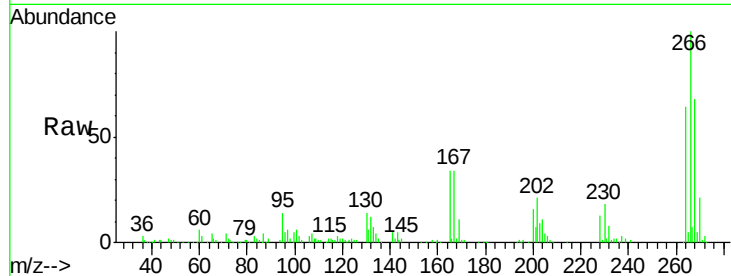




#69
 Pentachlorophenol
 Concen: 67.86 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

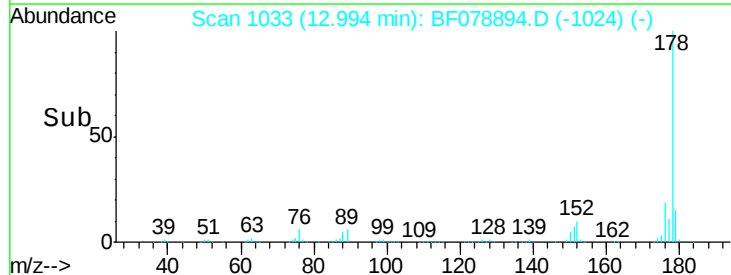
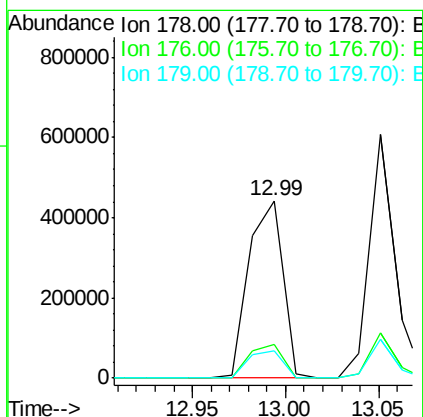
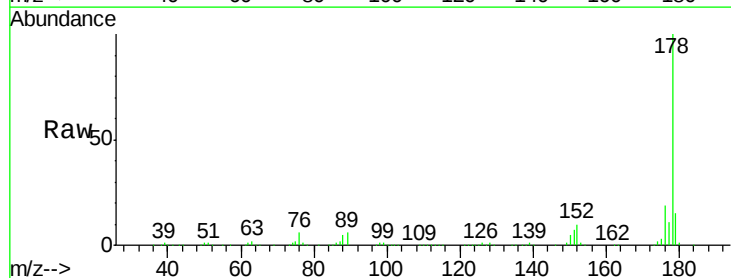
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

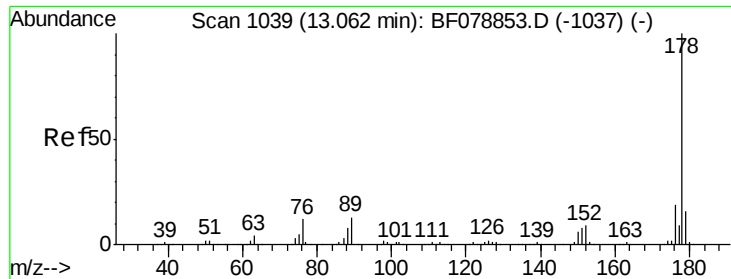
Tgt Ion: 266 Resp: 128716
 Ion Ratio Lower Upper
 266 100
 268 68.1 55.0 82.6
 264 63.5 48.2 72.2



#70
 Phenanthrene
 Concen: 36.40 ng
 RT: 12.99 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion: 178 Resp: 563506
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.3 12.5 18.7

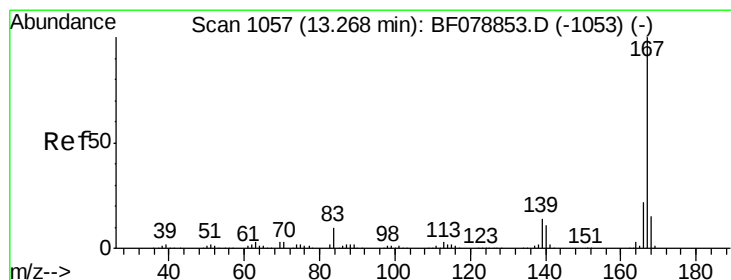
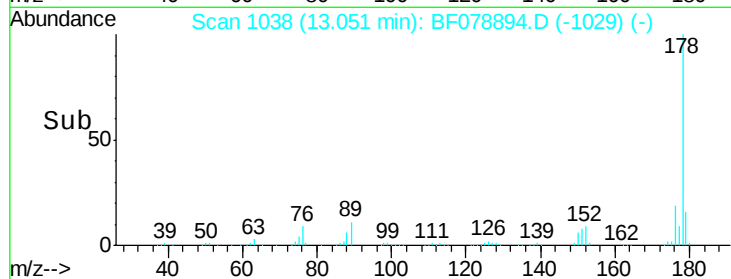
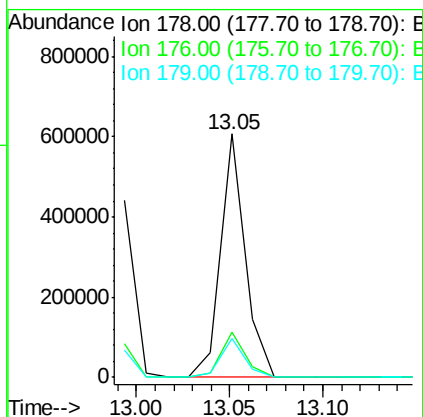
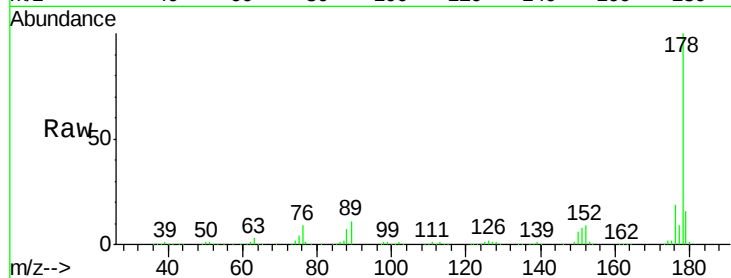




#71
 Anthracene
 Concen: 36.87 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

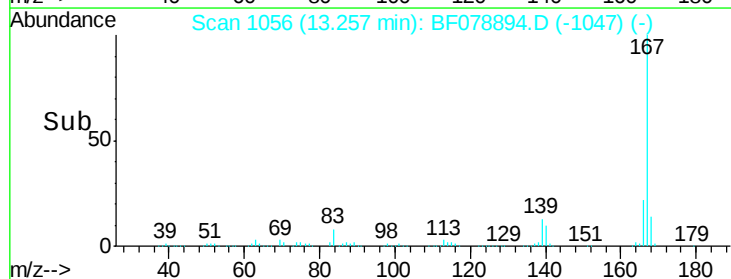
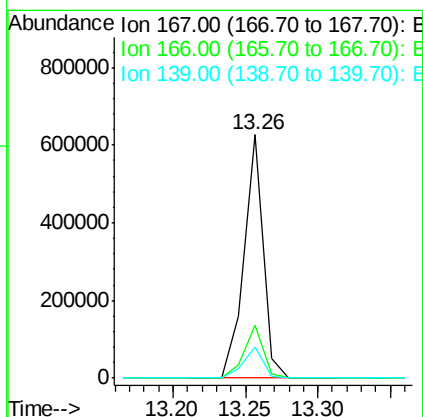
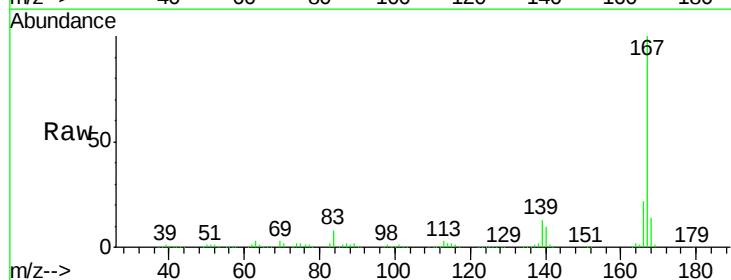
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

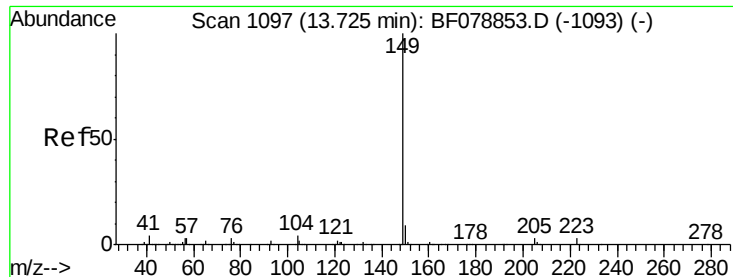
Tgt Ion:178 Resp: 559988
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.5 23.3
 179 16.1 12.7 19.1



#72
 Carbazole
 Concen: 40.02 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion:167 Resp: 579344
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 12.9 10.6 16.0





#73

Di-n-butylphthalate

Concen: 37.96 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

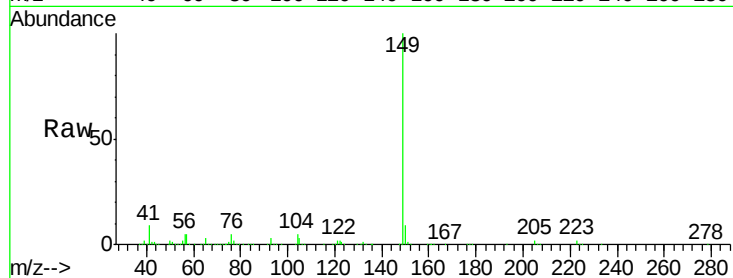
Tgt Ion:149 Resp: 659107

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

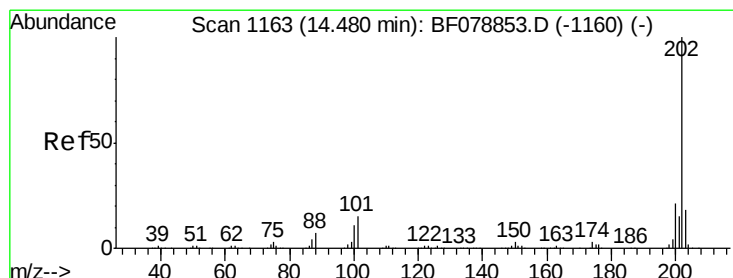
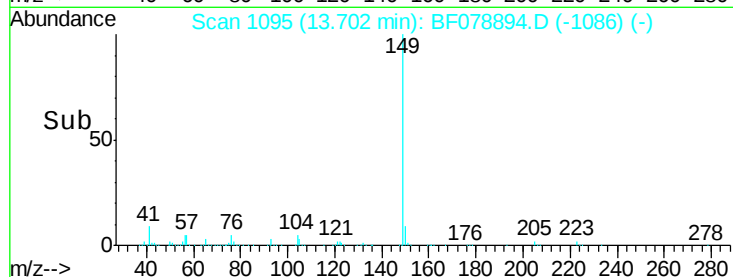
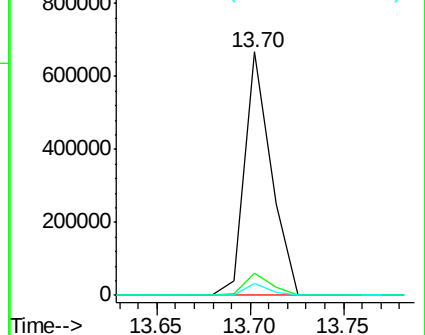
104 5.1 4.6 7.0



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: 38.18 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

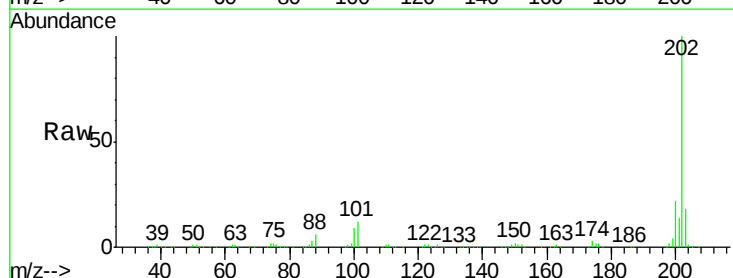
Tgt Ion:202 Resp: 615994

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.6

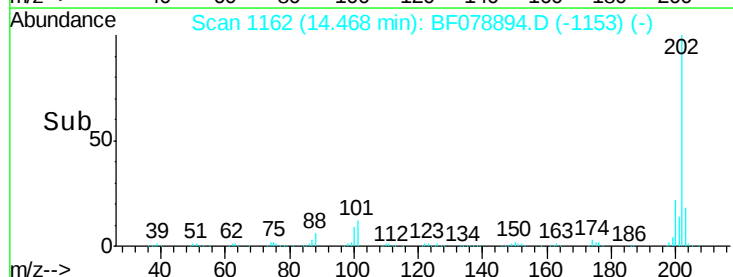
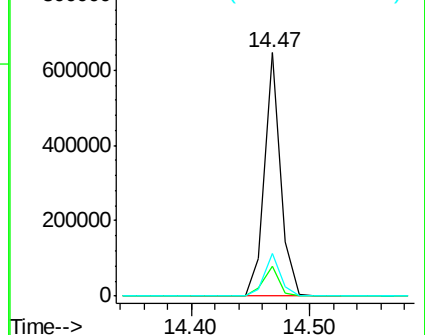
203 17.5 0.0 38.4

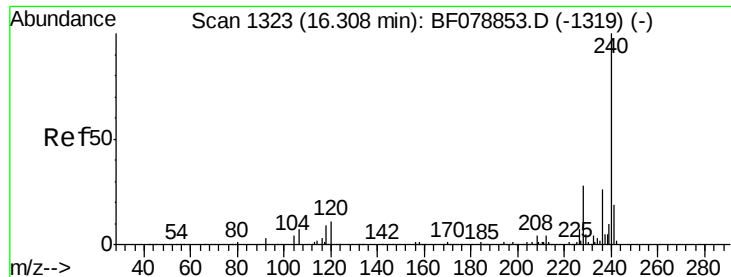


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.26 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

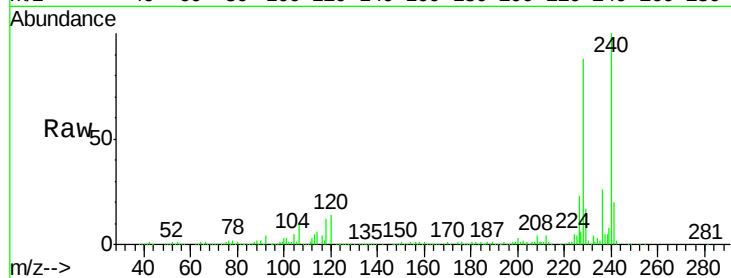
Tgt Ion:240 Resp: 292863

Ion Ratio Lower Upper

240 100

120 14.0 9.7 14.5

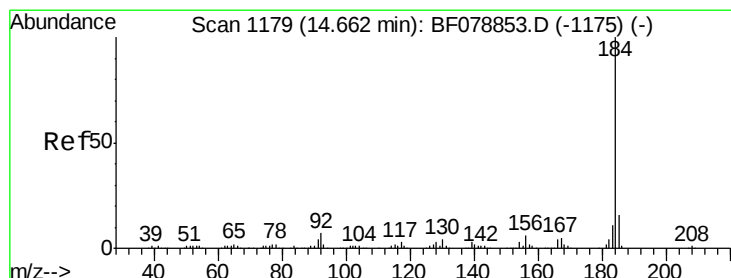
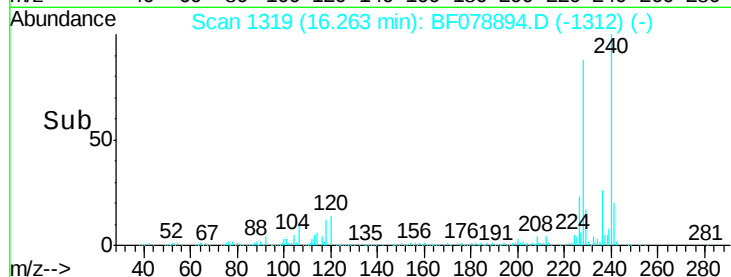
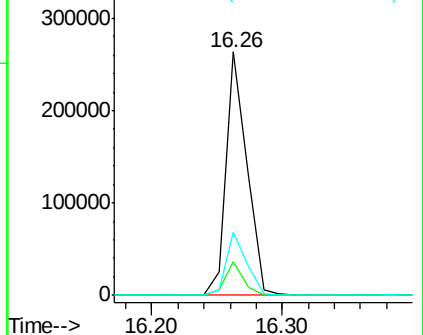
236 25.8 20.2 30.4



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: 36.00 ng

RT: 14.65 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

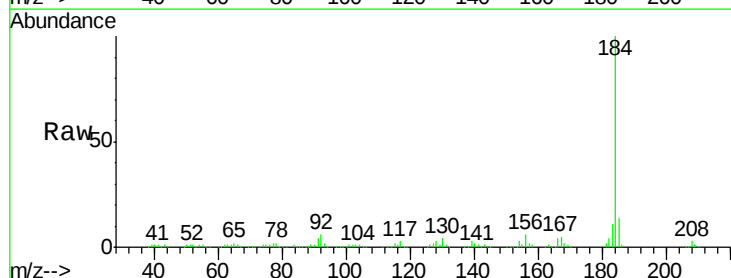
Tgt Ion:184 Resp: 284137

Ion Ratio Lower Upper

184 100

185 14.0 12.3 18.5

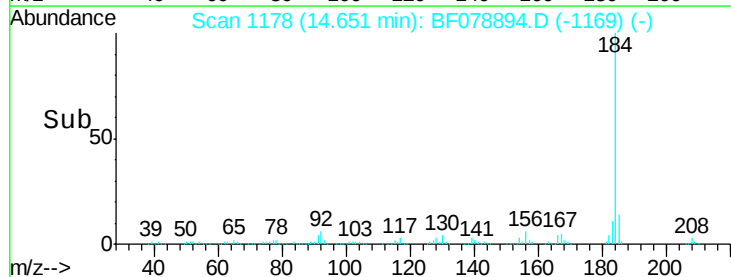
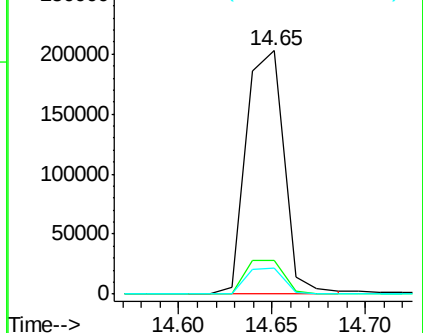
183 10.8 8.4 12.6



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

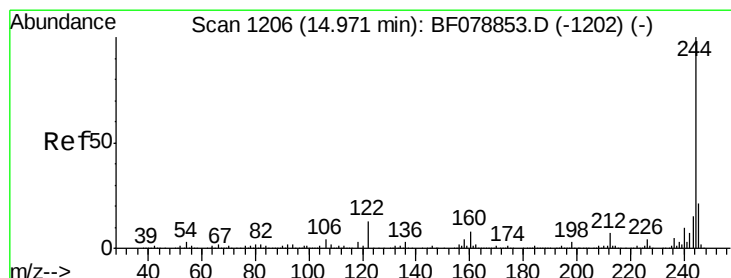
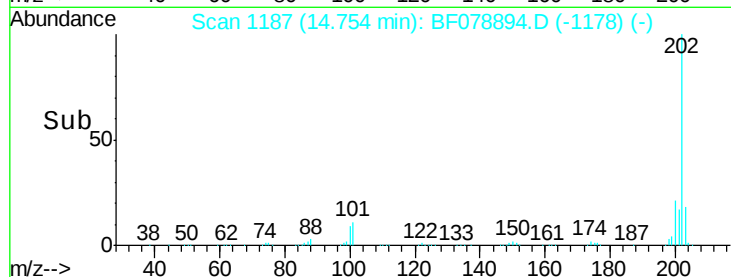
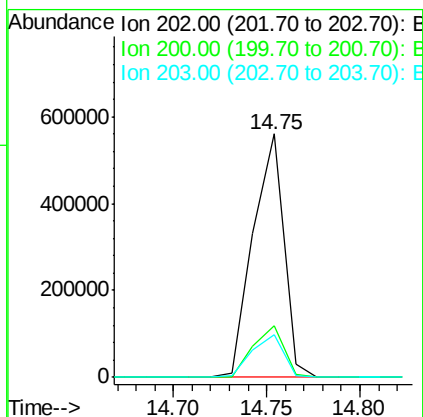
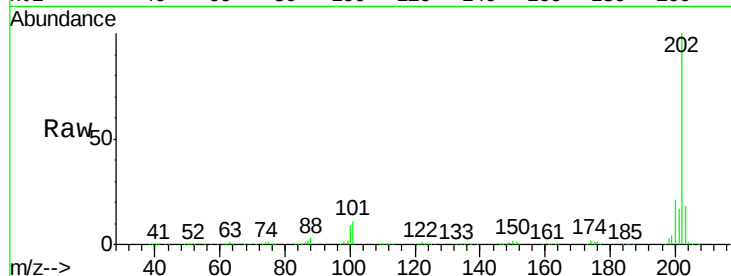




#77
 Pyrene
 Concen: 37.95 ng
 RT: 14.75 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

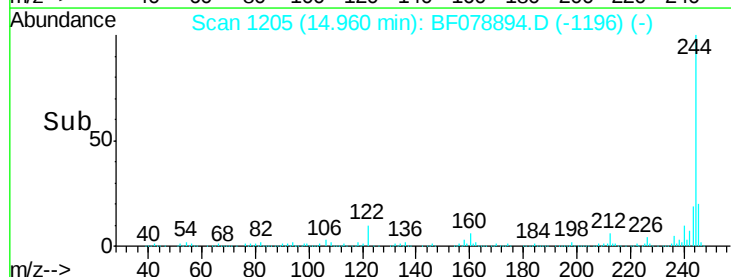
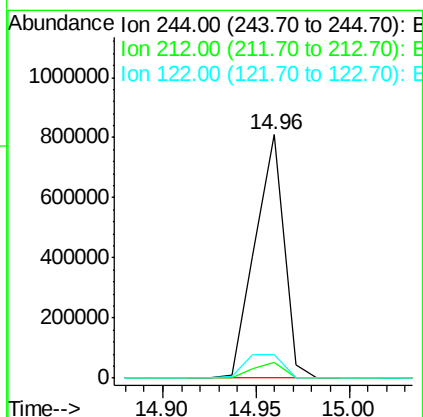
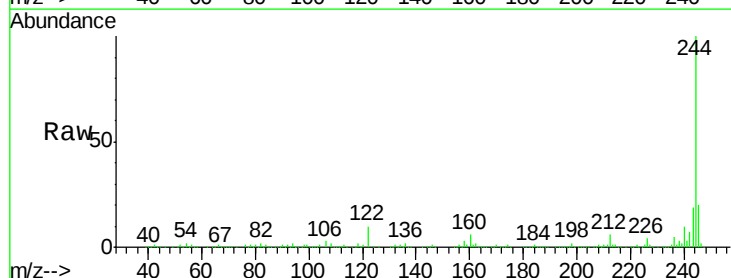
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

Tgt Ion: 202 Resp: 640509
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.5 26.3
 203 17.6 13.9 20.9



#78
 Terphenyl-d14
 Concen: 71.22 ng
 RT: 14.96 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion: 244 Resp: 871171
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.6 10.3 15.5#

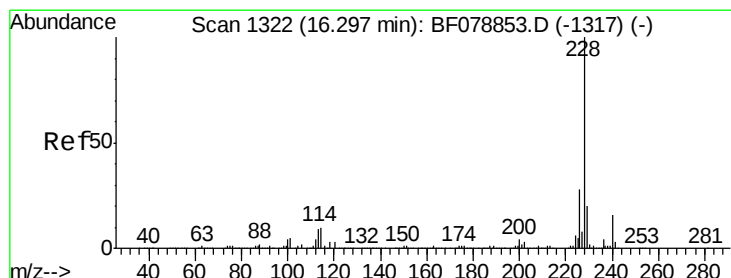
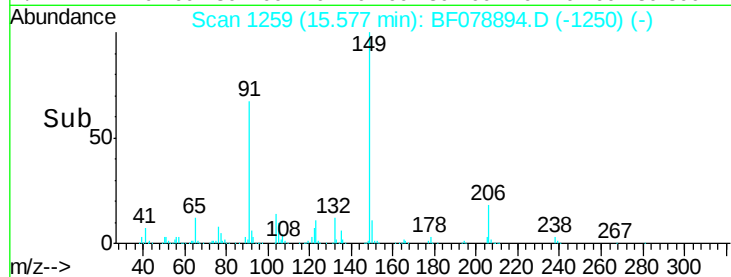
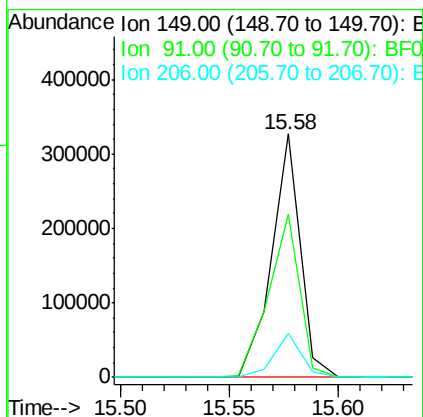
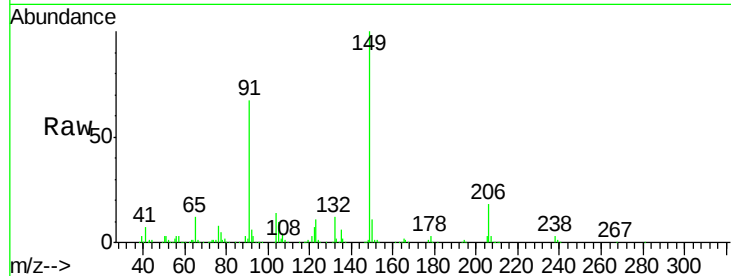




#79
Butylbenzylphthalate
Concen: 41.20 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

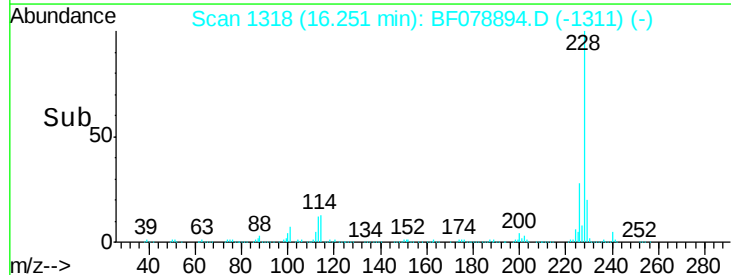
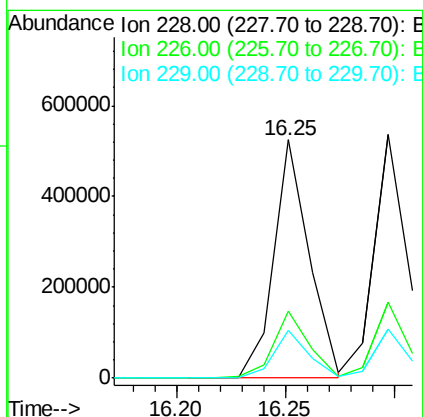
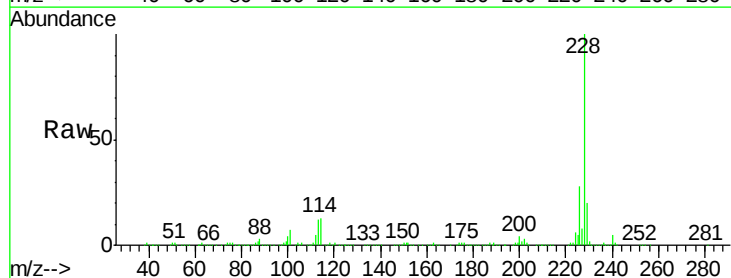
Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

Tgt Ion:149 Resp: 303952
Ion Ratio Lower Upper
149 100
91 66.8 64.6 97.0
206 18.2 12.2 18.4



#80
Benzo(a)anthracene
Concen: 37.16 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion:228 Resp: 595954
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.9 15.9 23.9

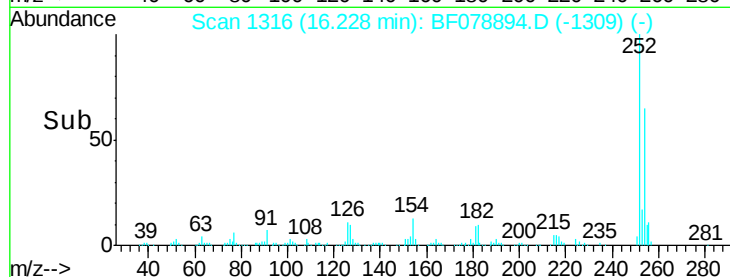
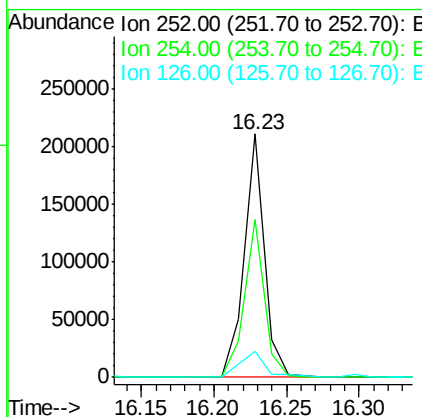
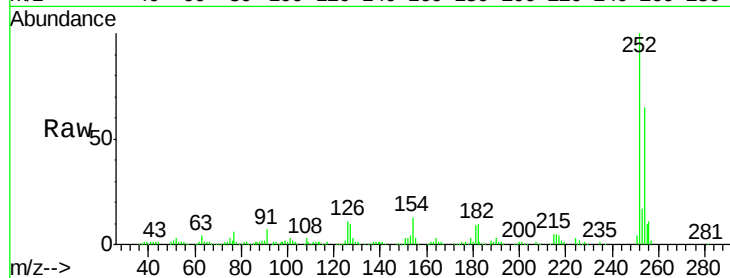




#81
 3,3'-Dichlorobenzidine
 Concen: 35.78 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

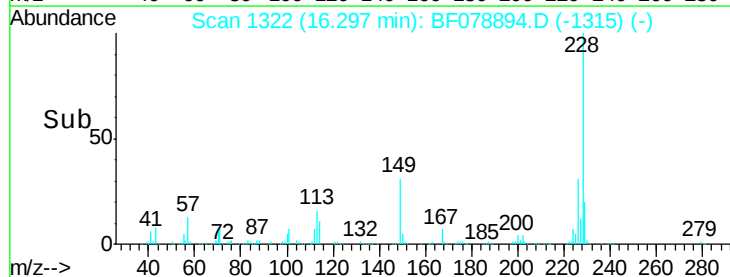
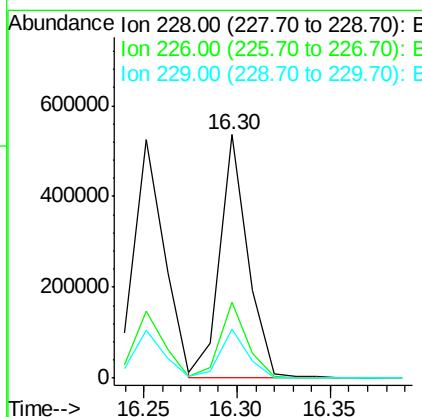
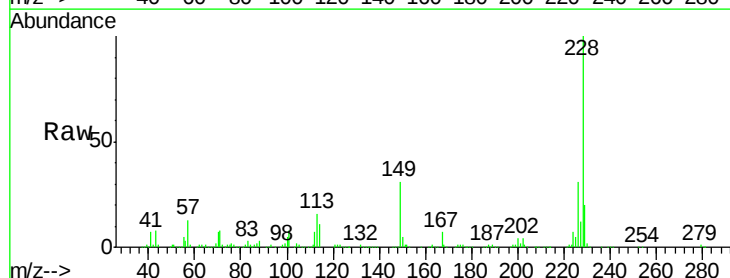
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

Tgt Ion: 252 Resp: 204397
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.3 76.9
 126 10.5 6.6 10.0#



#82
 Chrysene
 Concen: 36.17 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion: 228 Resp: 557930
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 20.3 16.0 24.0

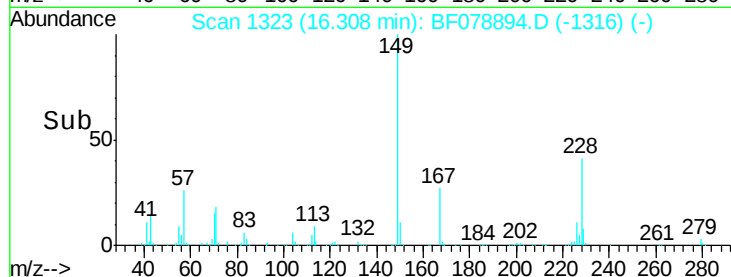
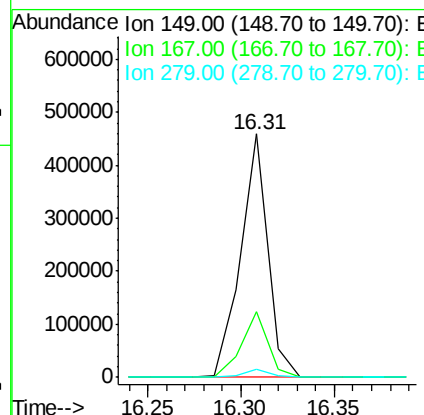
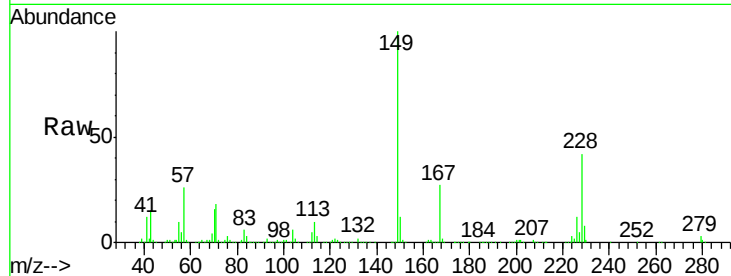




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.99 ng
 RT: 16.31 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

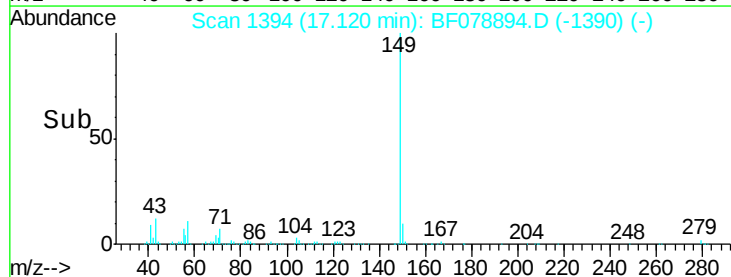
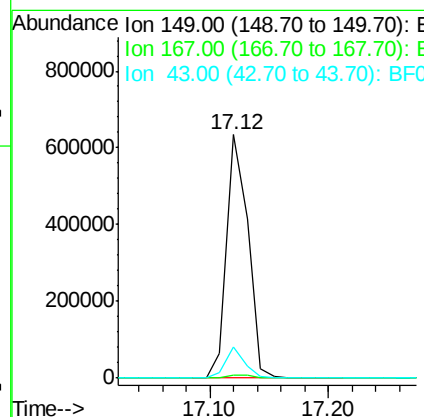
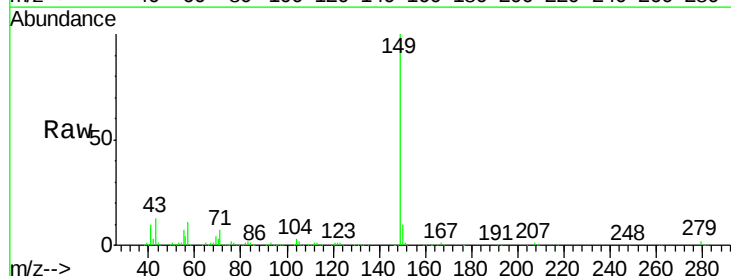
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

Tgt Ion:149 Resp: 469220
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.8 32.8
 279 3.3 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 40.04 ng
 RT: 17.12 min Scan# 1394
 Delta R.T. -0.06 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion:149 Resp: 788015
 Ion Ratio Lower Upper
 149 100
 167 1.4 0.0 0.0#
 43 10.9 0.0 0.0#

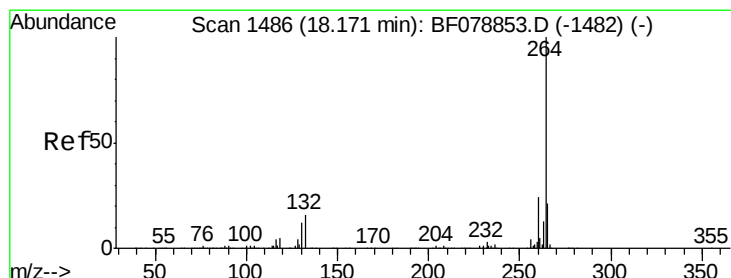
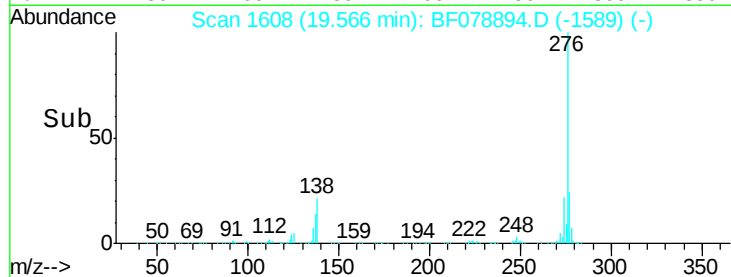
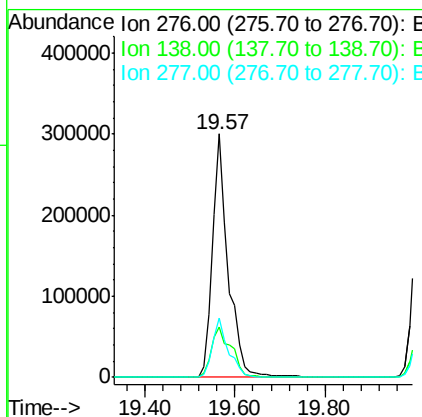
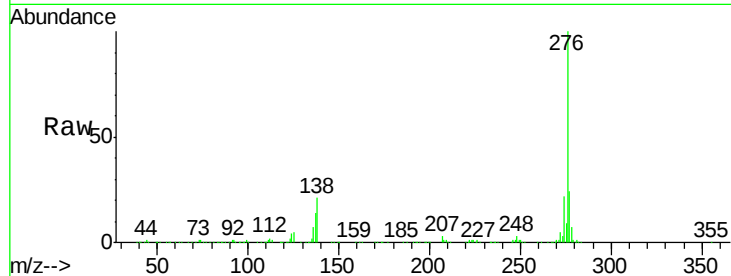




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.33 ng
 RT: 19.57 min Scan# 1608
 Delta R.T. -0.08 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

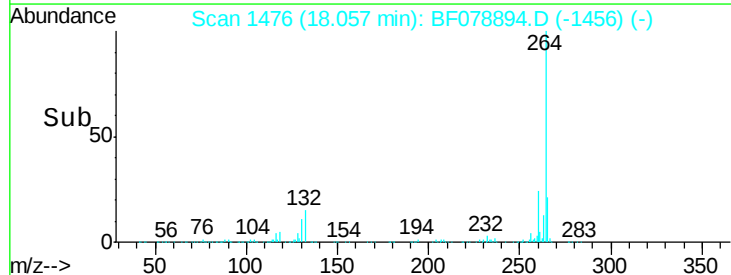
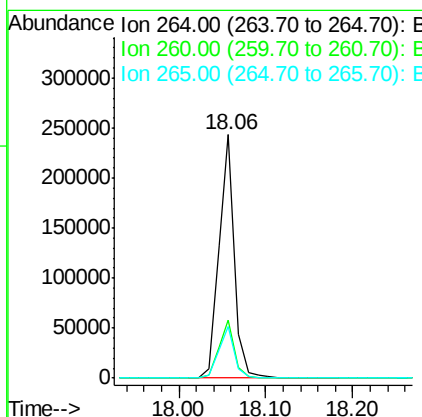
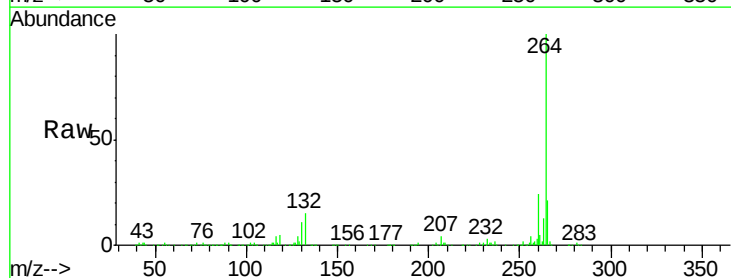
Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMSD

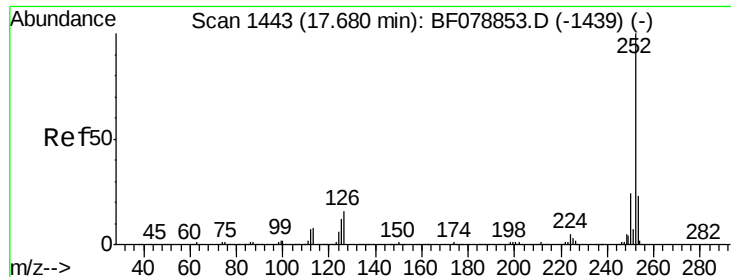
Tgt Ion: 276 Resp: 733596
 Ion Ratio Lower Upper
 276 100
 138 26.2 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.06 min Scan# 1476
 Delta R.T. -0.07 min
 Lab File: BF078894.D
 Acq: 1 May 2015 15:57

Tgt Ion: 264 Resp: 304365
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.1 18.3 27.5

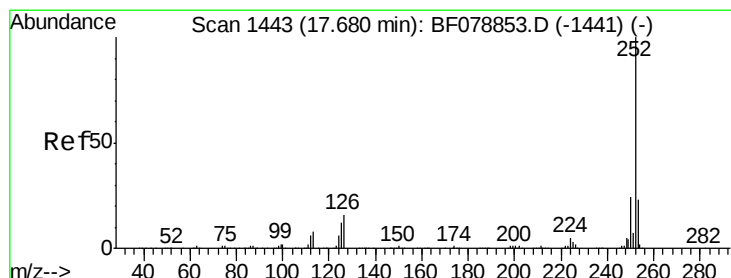
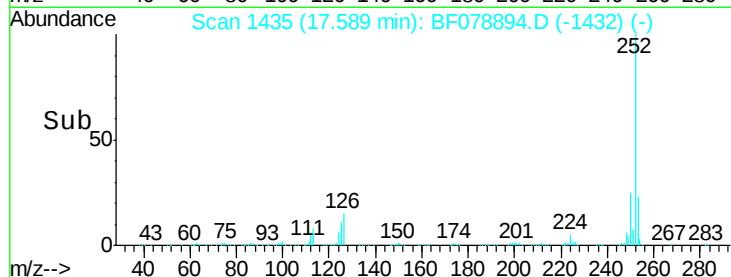
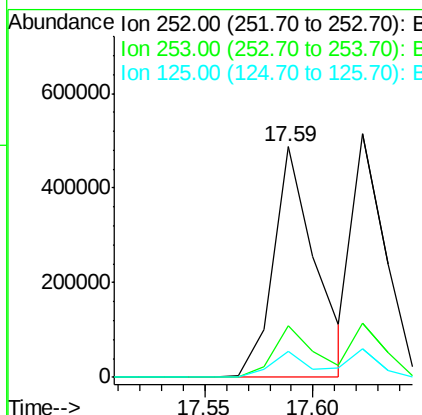
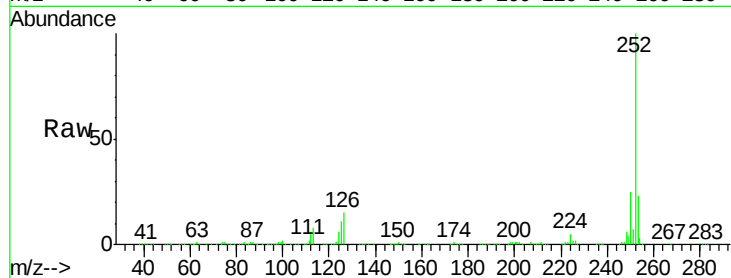




#87
Benzo(b)fluoranthene
Concen: 39.43 ng
RT: 17.59 min Scan# 1435
Delta R.T. -0.07 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

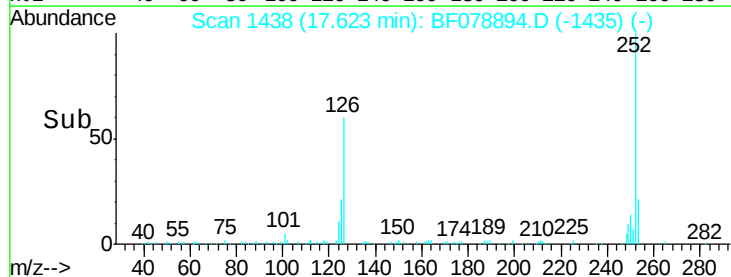
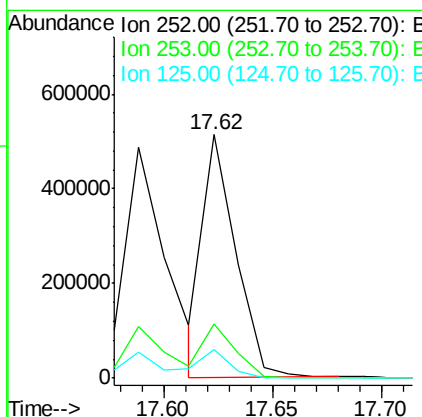
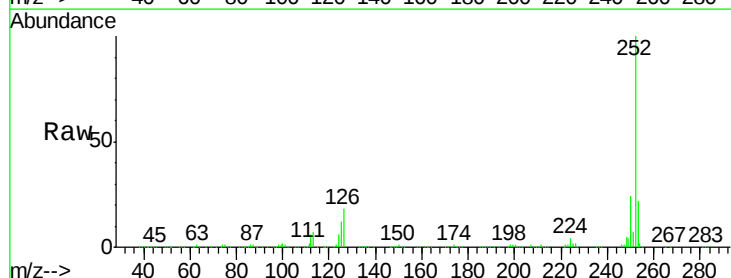
Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

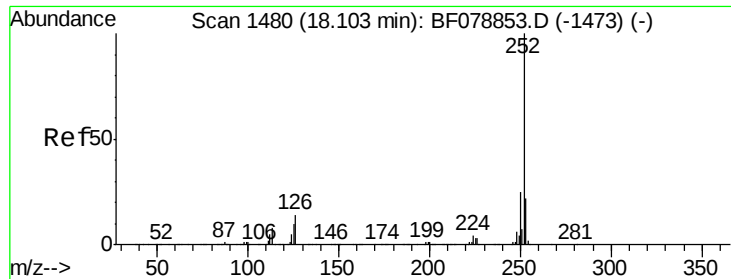
Tgt Ion:252 Resp: 656923
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.4 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 33.02 ng
RT: 17.62 min Scan# 1438
Delta R.T. -0.07 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion:252 Resp: 532498
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.9 10.0 15.0

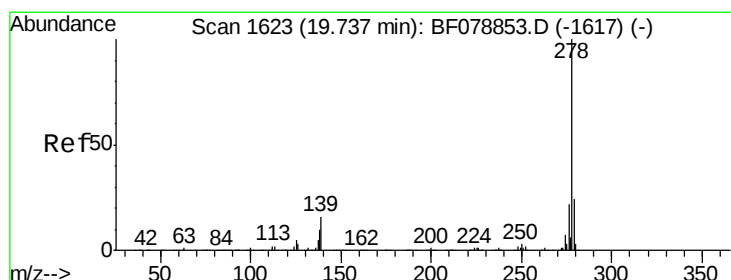
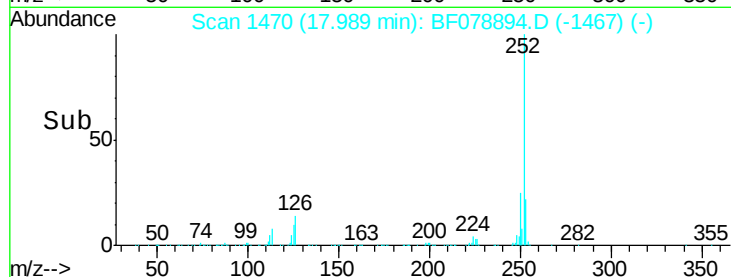
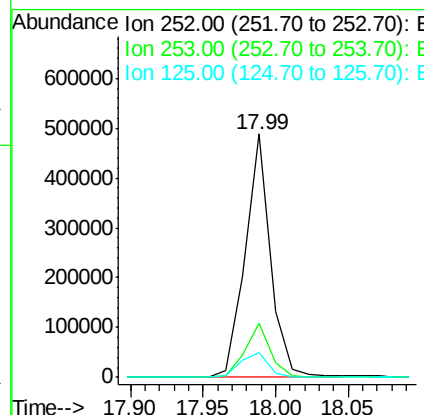
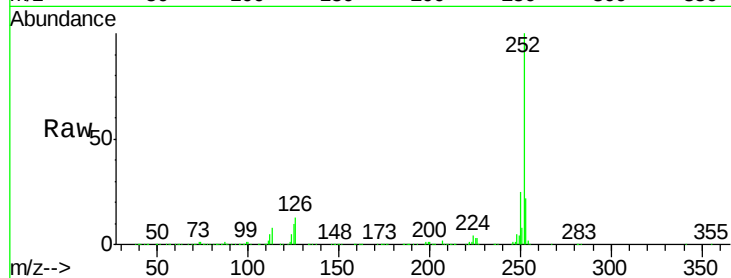




#89
Benzo(a)pyrene
Concen: 38.62 ng
RT: 17.99 min Scan# 1470
Delta R.T. -0.07 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

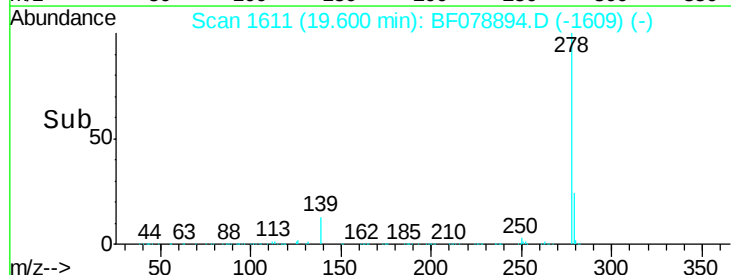
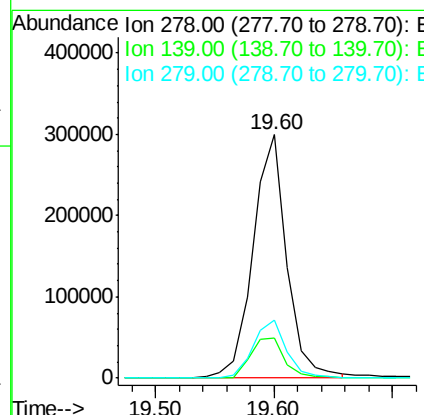
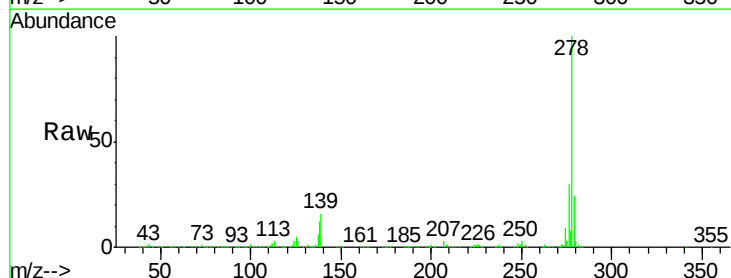
Instrument :
BNA_F
ClientSampleId :
SB-61DMSD

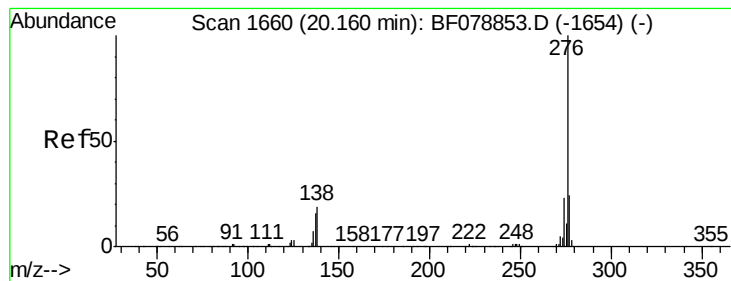
Tgt Ion: 252 Resp: 592468
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.0 7.0 10.6



#90
Dibenzo(a,h)anthracene
Concen: 36.22 ng
RT: 19.60 min Scan# 1611
Delta R.T. -0.08 min
Lab File: BF078894.D
Acq: 1 May 2015 15:57

Tgt Ion: 278 Resp: 590531
Ion Ratio Lower Upper
278 100
139 16.4 12.8 19.2
279 24.1 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 36.71 ng

RT: 20.01 min Scan# 1647

Delta R.T. -0.09 min

Lab File: BF078894.D

Acq: 1 May 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-61DMSD

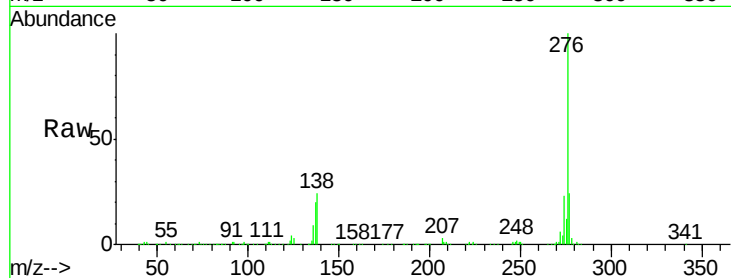
Tgt Ion: 276 Resp: 599845

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 24.1 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

