

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078989.D
 Acq On : 7 May 2015 10:00
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 12:46:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	95378	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	407347	20.00	ng	-0.02
38) Acenaphthene-d10	11.11	164	207429	20.00	ng	-0.02
63) Phenanthrene-d10	12.96	188	402854	20.00	ng	-0.01
75) Chrysene-d12	16.29	240	430152	20.00	ng	-0.01
86) Perylene-d12	18.14	264	466379	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	434227	78.37	ng	-0.01
7) Phenol-d6	6.91	99	617368	84.29	ng	-0.01
23) Nitrobenzene-d5	8.04	82	562418	79.35	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	179160	79.84	ng	-0.02
44) 2-Fluorobiphenyl	10.27	172	1039338	69.81	ng	-0.02
78) Terphenyl-d14	14.95	244	1261267	70.20	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	88795	36.86	ng	# 22
3) Pyridine	3.06	79	285456	40.49	ng	91
4) n-Nitrosodimethylamine	2.98	42	120591	39.92	ng	91
6) Aniline	6.94	93	409551	39.62	ng	# 87
8) 2-Chlorophenol	7.08	128	253760	40.38	ng	96
9) Benzaldehyde	6.80	77	183742	37.24	ng	90
10) Phenol	6.92	94	340234	40.05	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	244136	39.20	ng	95
12) 1,3-Dichlorobenzene	7.28	146	281389	39.84	ng	# 92
13) 1,4-Dichlorobenzene	7.37	146	274650	37.78	ng	95
14) 1,2-Dichlorobenzene	7.55	146	257022	37.98	ng	96
15) Benzyl Alcohol	7.53	79	213597	39.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	356336	37.39	ng	96
17) 2-Methylphenol	7.68	107	207632	41.06	ng	96
18) Hexachloroethane	7.98	117	86177	34.42	ng	94
19) n-Nitroso-di-n-propylamine	7.86	70	181888	36.77	ng	94
20) 3+4-Methylphenols	7.86	107	278582	41.34	ng	# 85
22) Acetophenone	7.86	105	356191	38.70	ng	# 98
24) Nitrobenzene	8.07	77	289146	41.16	ng	92
25) Isophorone	8.36	82	496615	37.79	ng	97
26) 2-Nitrophenol	8.46	139	124336	42.76	ng	# 82
27) 2,4-Dimethylphenol	8.52	122	220366	37.87	ng	94
28) bis(2-Chloroethoxy)methane	8.64	93	298293	36.82	ng	99
29) 2,4-Dichlorophenol	8.75	162	209535	40.50	ng	96
30) 1,2,4-Trichlorobenzene	8.86	180	213243	37.52	ng	94
31) Naphthalene	8.96	128	757661	39.04	ng	99
32) Benzoic acid	8.63	122	160432	44.54	ng	96
33) 4-Chloroaniline	9.03	127	333055	40.55	ng	96
34) Hexachlorobutadiene	9.11	225	119836	36.61	ng	98
35) Caprolactam	9.46	113	68502	40.94	ng	90
36) 4-Chloro-3-methylphenol	9.63	107	239712	44.11	ng	94
37) 2-Methylnaphthalene	9.82	142	529893	39.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	216793	37.11	ng	# 100
40) Hexachlorocyclopentadiene	10.00	237	28195	9.60	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078989.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 12:46:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	155758	38.78	nq	98
43) 2,4,5-Trichlorophenol	10.20	196	156897	38.64	nq #	90
45) 1,1'-Biphenyl	10.40	154	610053	36.99	nq	97
46) 2-Chloronaphthalene	10.42	162	475804	36.99	nq	95
47) 2-Nitroaniline	10.55	65	155804	41.81	nq	91
48) Acenaphthylene	10.94	152	804782	38.11	nq	99
49) Dimethylphthalate	10.79	163	561814	36.90	nq	100
50) 2,6-Dinitrotoluene	10.86	165	115047	38.29	nq	87
51) Acenaphthene	11.15	154	450990	35.81	nq	98
52) 3-Nitroaniline	11.06	138	166080	44.25	nq #	94
53) 2,4-Dinitrophenol	11.19	184	16400	24.66	nq #	82
54) Dibenzofuran	11.36	168	653075	35.90	nq	97
55) 4-Nitrophenol	11.27	139	113549	38.23	nq #	79
56) 2,4-Dinitrotoluene	11.36	165	150199	37.82	nq #	73
57) Fluorene	11.79	166	545058	36.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.52	232	125975	37.97	nq #	100
59) Diethylphthalate	11.67	149	549653	36.44	nq	98
60) 4-Chlorophenyl-phenylether	11.79	204	231603	34.96	nq	92
61) 4-Nitroaniline	11.82	138	152807	40.70	nq	92
62) Azobenzene	11.99	77	527517	35.50	nq	95
64) 4,6-Dinitro-2-methylphenol	11.86	198	36991	26.95	nq #	59
65) n-Nitrosodiphenylamine	11.94	169	480969	35.85	nq	99
66) 4-Bromophenyl-phenylether	12.40	248	151148	36.00	nq #	84
67) Hexachlorobenzene	12.47	284	175669	36.60	nq #	87
68) Atrazine	12.62	200	136163	34.90	nq	98
69) Pentachlorophenol	12.72	266	85176	34.58	nq	99
70) Phenanthrene	12.98	178	801217	35.55	nq	99
71) Anthracene	13.05	178	846014	38.26	nq	99
72) Carbazole	13.26	167	833180	39.54	nq	99
73) Di-n-butylphthalate	13.70	149	942064	37.28	nq #	98
74) Fluoranthene	14.47	202	925062	39.39	nq	95
76) Benzidine	14.64	184	536493	46.28	nq	98
77) Pyrene	14.74	202	953473	38.47	nq	99
79) Butylbenzylphthalate	15.58	149	438797	40.50	nq	88
80) Benzo(a)anthracene	16.27	228	907762	38.54	nq	100
81) 3,3'-Dichlorobenzidine	16.25	252	364820	43.48	nq	100
82) Chrysene	16.32	228	824735	36.40	nq	99
83) Bis(2-ethylhexyl)phthalate	16.32	149	564279	34.38	nq #	96
84) Di-n-octyl phthalate	17.17	149	1037928	35.91	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.66	276	1093779	37.89	nq #	100
87) Benzo(b)fluoranthene	17.66	252	921537	36.10	nq	98
88) Benzo(k)fluoranthene	17.69	252	717776	29.04	nq	99
89) Benzo(a)pyrene	18.07	252	885647	37.68	nq #	96
90) Dibenzo(a,h)anthracene	19.69	278	884096	35.39	nq	98
91) Benzo(g,h,i)perylene	20.11	276	863324	34.48	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

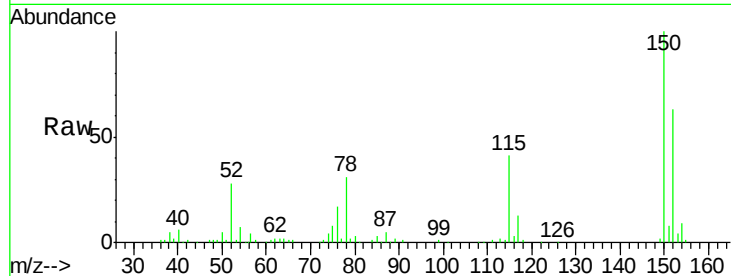
Tot Ion:152 Resp: 95378

Ion Ratio Lower Upper

152 100

150 158.9 122.0 183.0

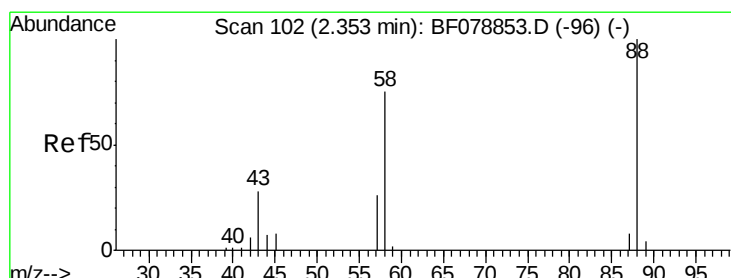
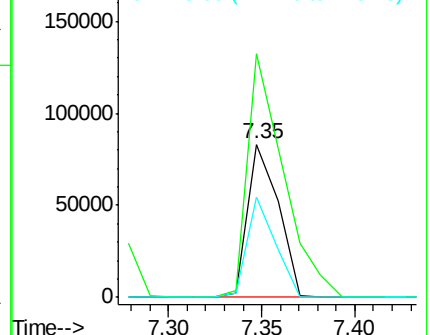
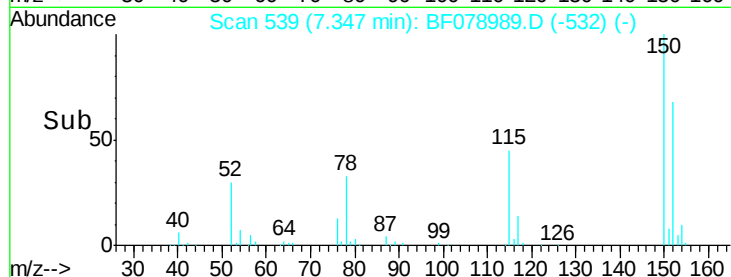
115 65.5 46.3 69.5



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: 36.86 ng

RT: 2.31 min Scan# 98

Delta R.T. -0.03 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

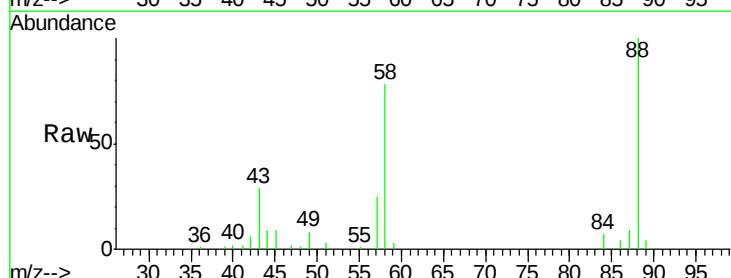
Tgt Ion: 88 Resp: 88795

Ion Ratio Lower Upper

88 100

58 81.4 0.0 0.0#

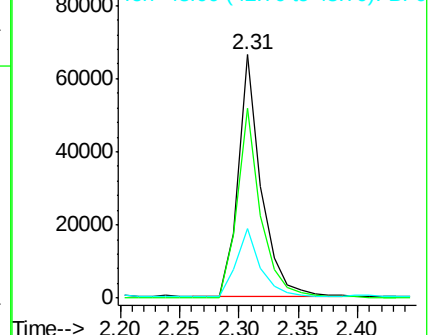
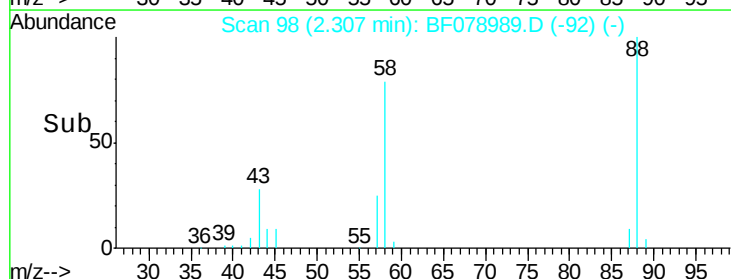
43 29.7 3.3 4.9#



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



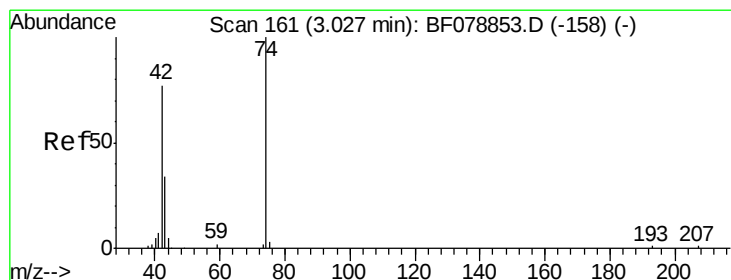
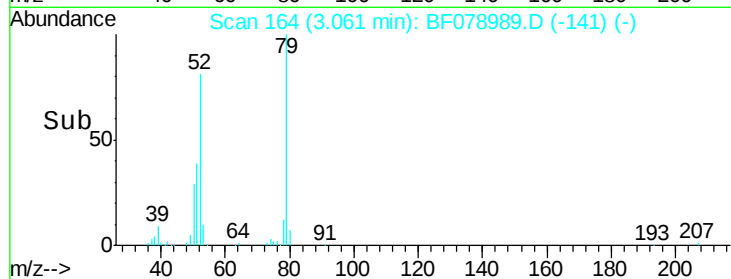
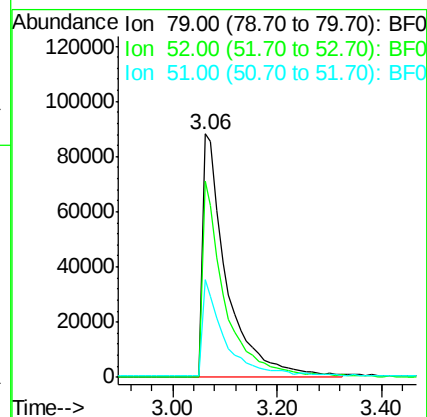
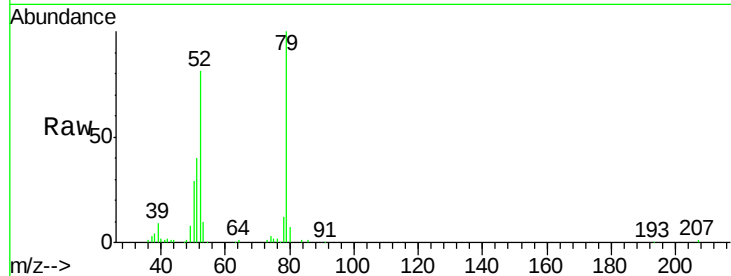


#3
 Pvridine
 Concen: 40.49 ng
 RT: 3.06 min Scan# 164
 Delta R.T. -0.03 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 285456

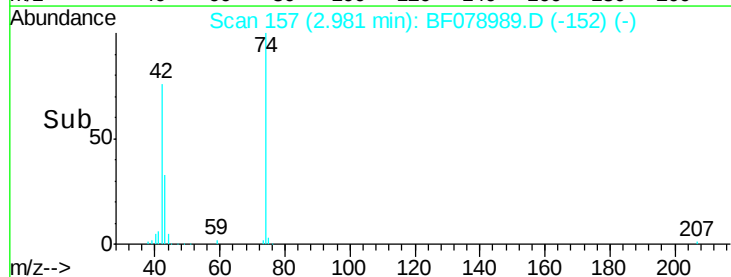
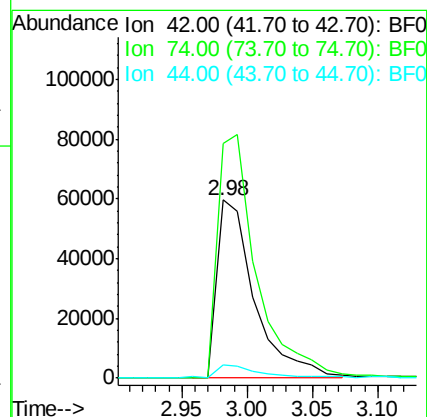
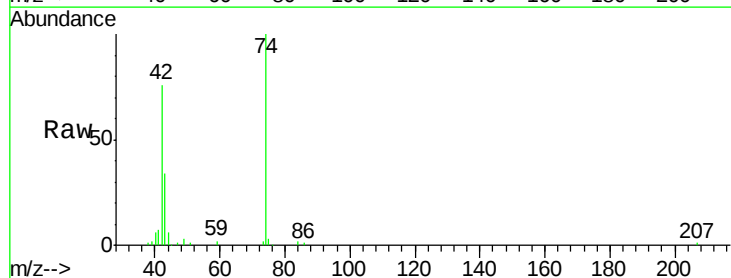
Ion	Ratio	Lower	Upper
79	100		
52	80.6	57.2	85.8
51	39.9	28.9	43.3



#4
 n-Nitrosodimethylamine
 Concen: 39.92 ng
 RT: 2.98 min Scan# 157
 Delta R.T. -0.05 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Tgt Ion: 42 Resp: 120591

Ion	Ratio	Lower	Upper
42	100		
74	131.5	96.5	144.7
44	7.6	6.1	9.1





#5

2-Fluorophenol

Concen: 78.37 ng

RT: 5.66 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampled :

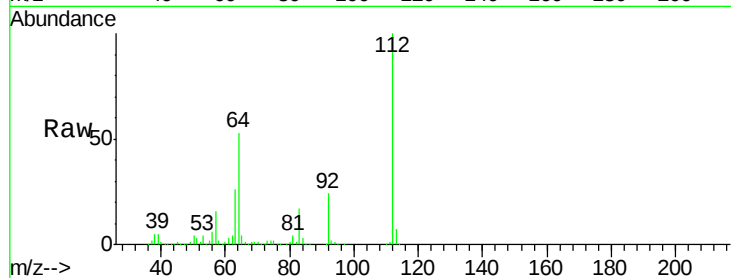
Tot Ion:112 Resp: 434227

Ion Ratio Lower Upper

112 100

64 52.8 53.5 80.3#

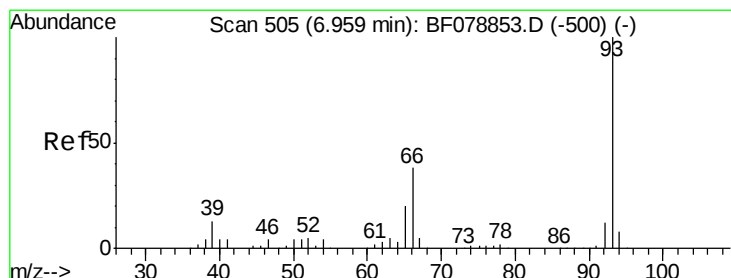
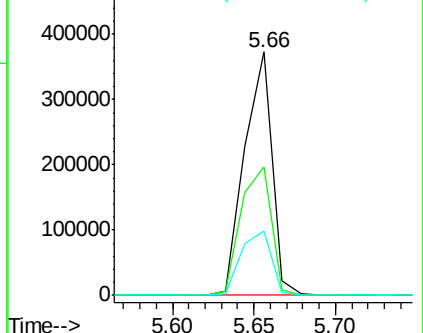
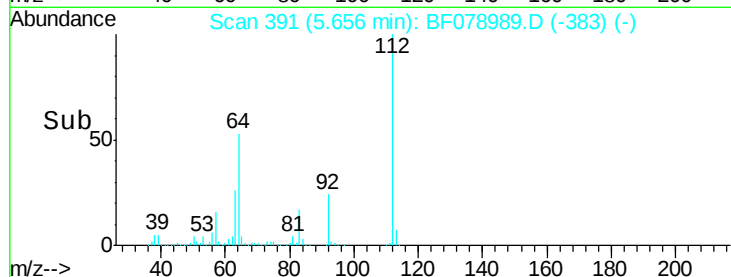
63 26.3 27.5 41.3#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.62 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

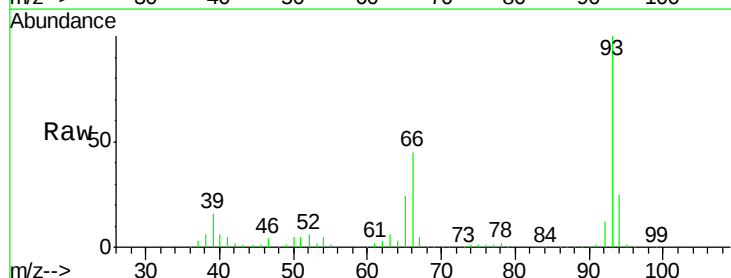
Tgt Ion: 93 Resp: 409551

Ion Ratio Lower Upper

93 100

66 44.8 29.7 44.5#

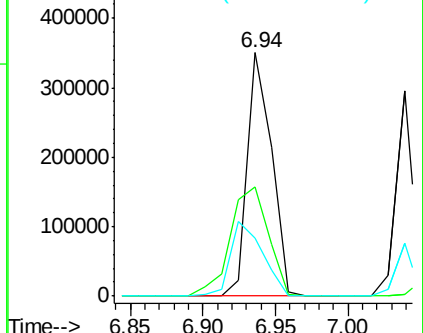
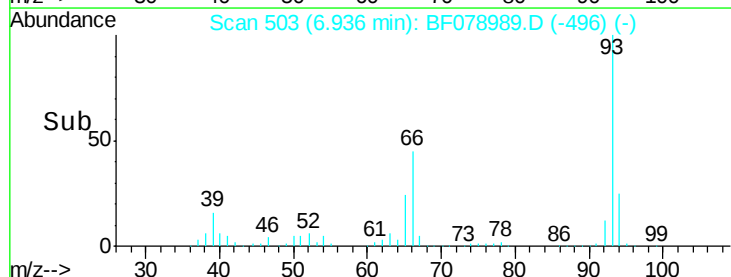
65 23.7 14.6 22.0#

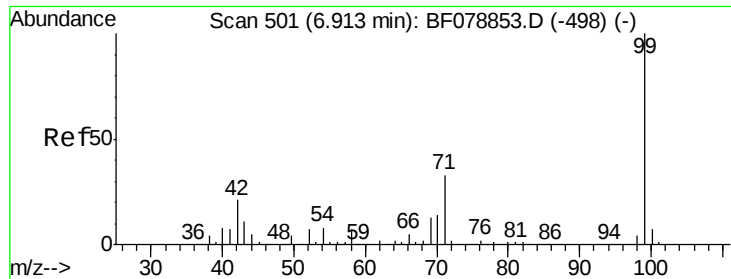


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.29 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

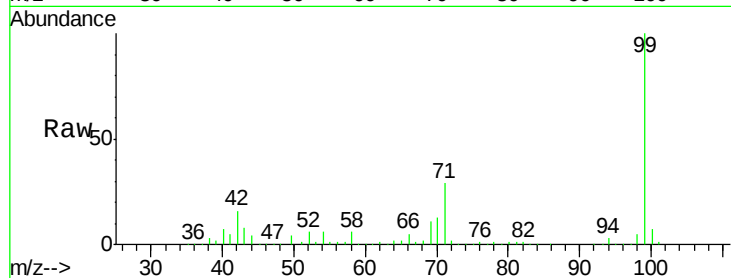
Tot Ion: 99 Resp: 617368

Ion Ratio Lower Upper

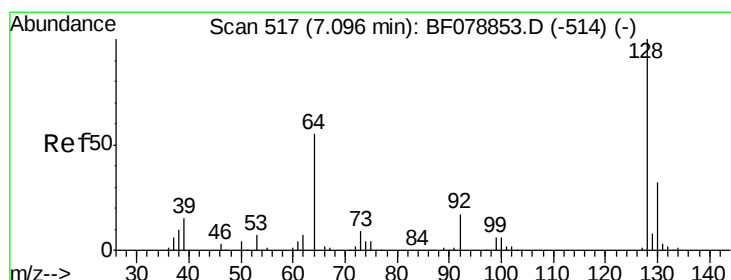
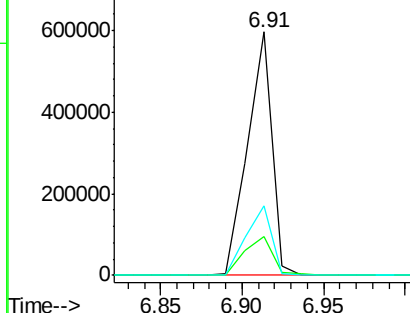
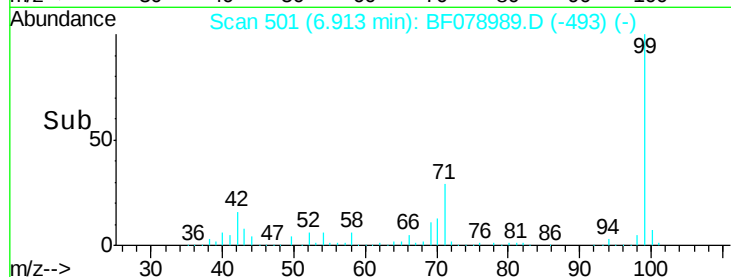
99 100

42 15.9 12.8 19.2

71 28.7 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: 40.38 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

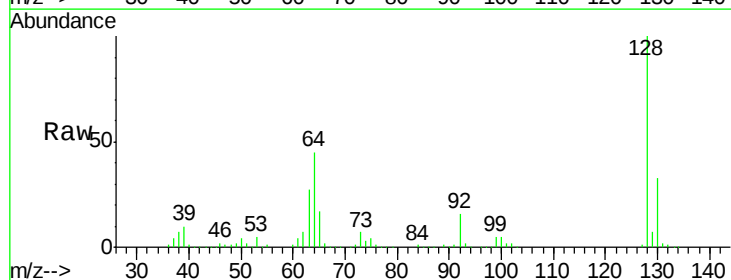
Tgt Ion: 128 Resp: 253760

Ion Ratio Lower Upper

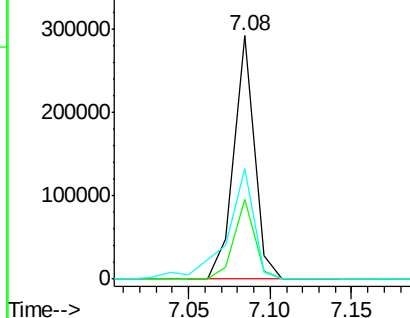
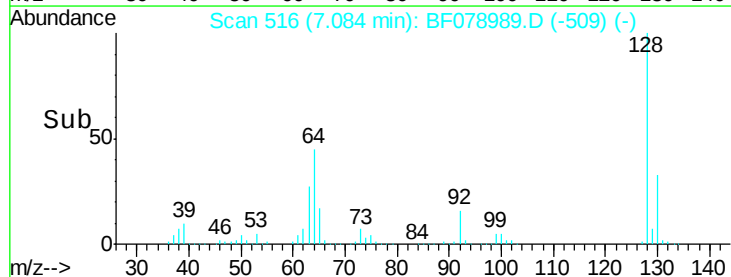
128 100

130 33.0 12.1 52.1

64 45.4 29.6 69.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.24 ng

RT: 6.80 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampled :

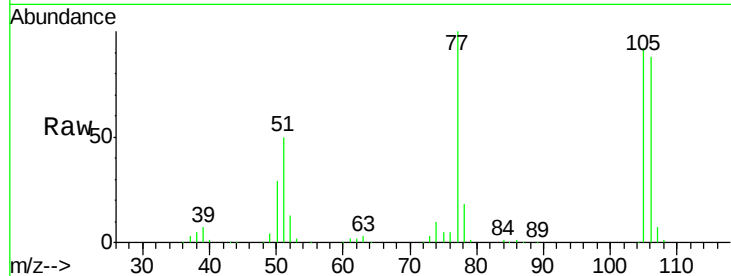
Tot Ion: 77 Resp: 183742

Ion Ratio Lower Upper

77 100

105 92.3 81.7 121.7

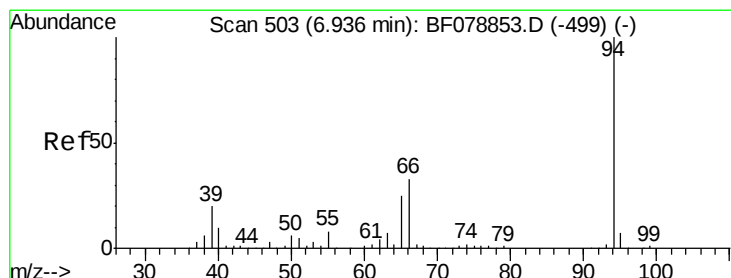
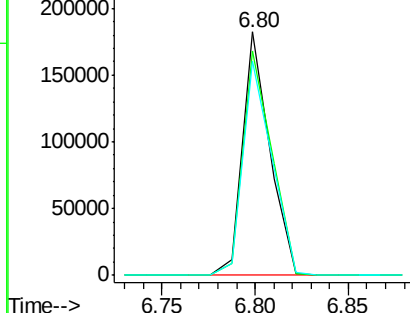
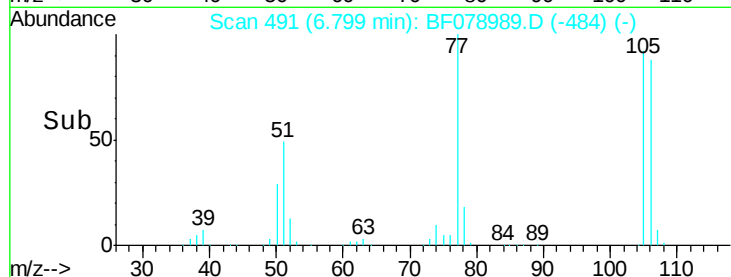
106 88.0 79.0 119.0



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: 40.05 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

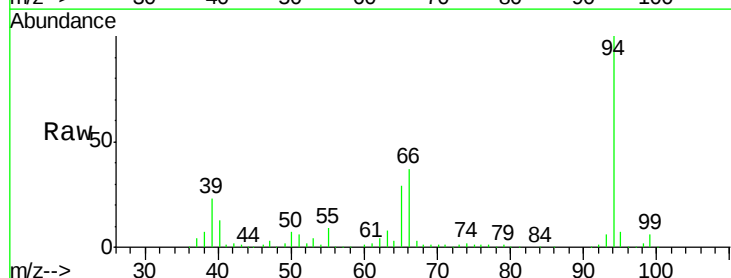
Tgt Ion: 94 Resp: 340234

Ion Ratio Lower Upper

94 100

65 28.6 8.5 48.5

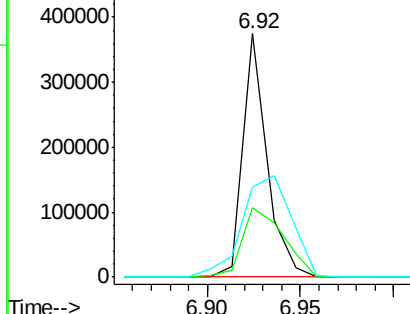
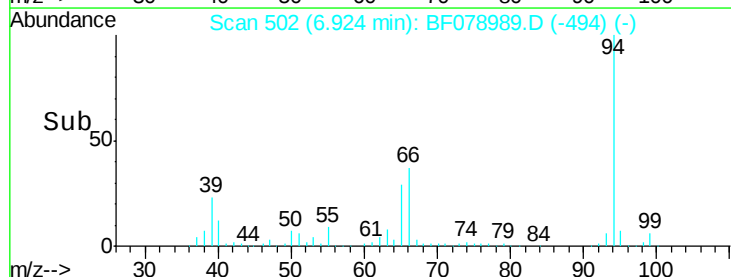
66 36.9 16.0 56.0

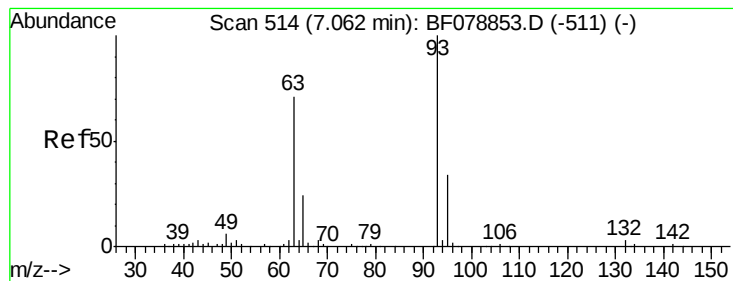


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.20 ng

RT: 7.04 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

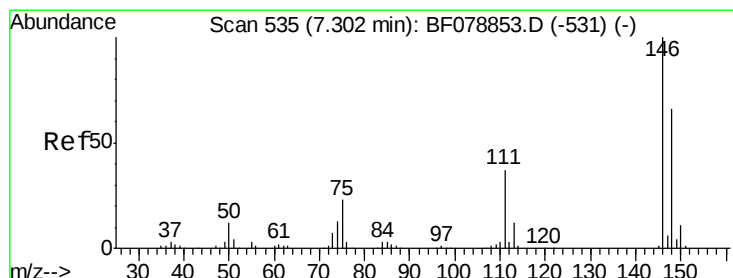
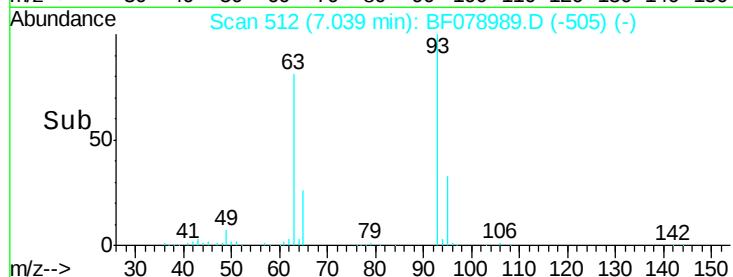
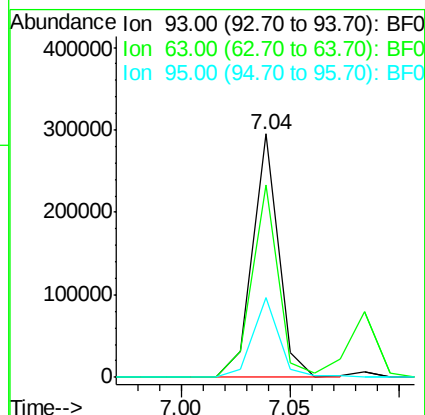
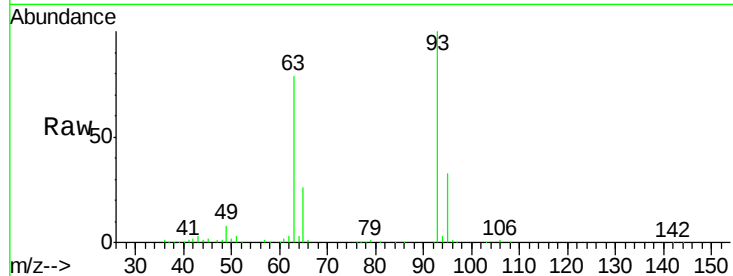
Tot Ion: 93 Resp: 244136

Ion Ratio Lower Upper

93 100

63 79.2 64.8 104.8

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.84 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

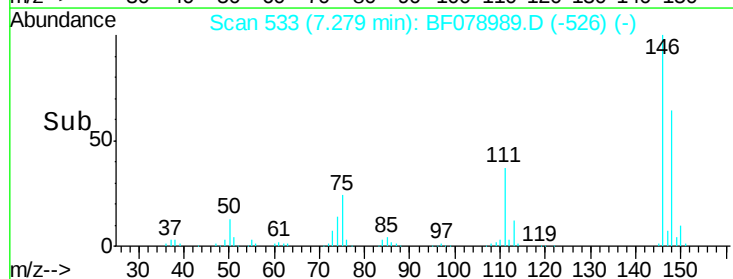
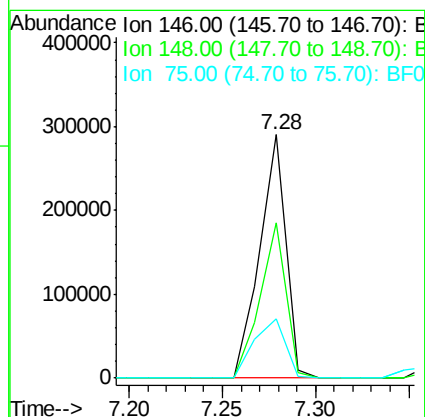
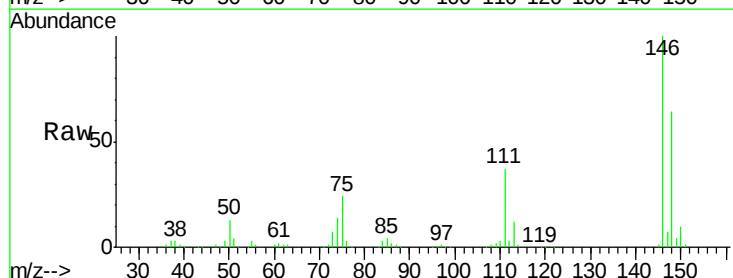
Tgt Ion: 146 Resp: 281389

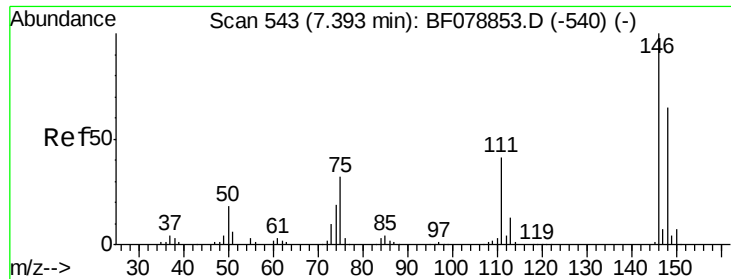
Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.2

75 24.5 29.2 43.8#

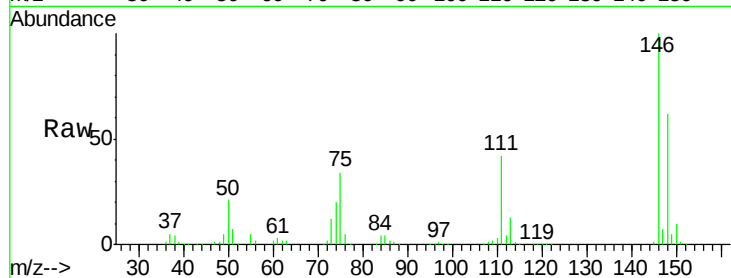




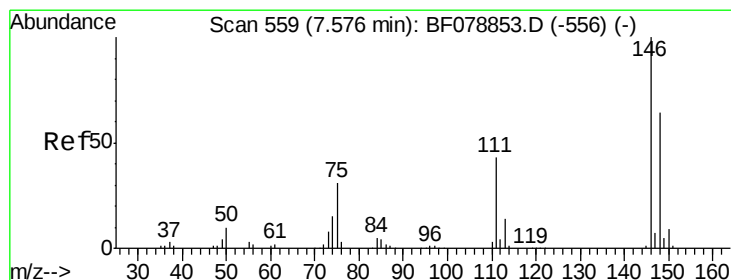
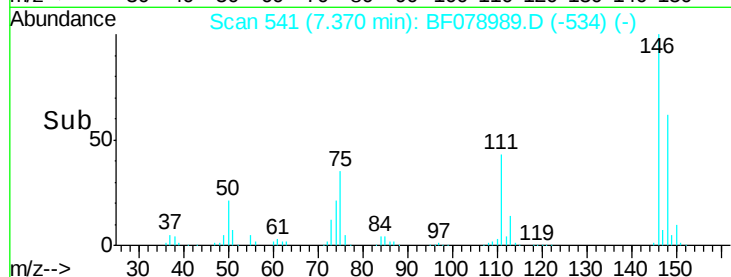
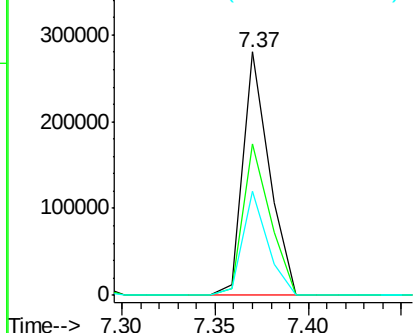
#13
 1,4-Dichlorobenzene
 Concen: 37.78 ng
 RT: 7.37 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 274650
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.8 79.2
 111 42.5 31.7 47.5

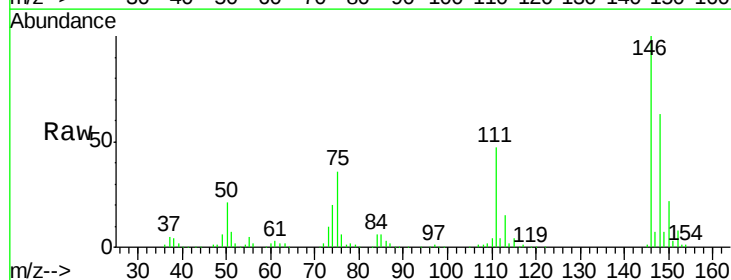


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

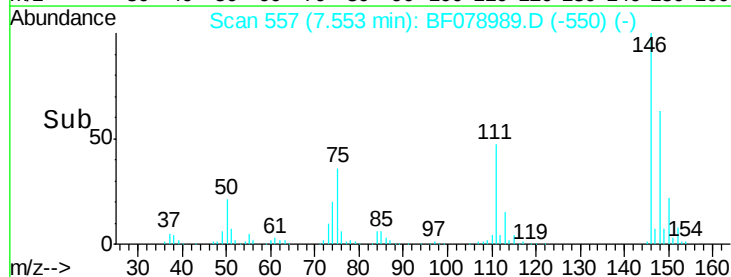
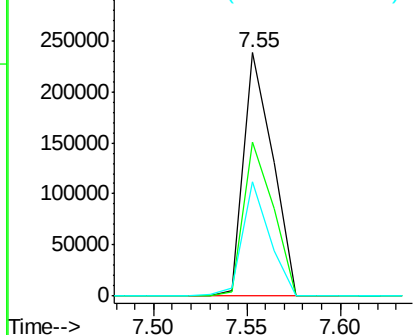


#14
 1,2-Dichlorobenzene
 Concen: 37.98 ng
 RT: 7.55 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Tgt Ion:146 Resp: 257022
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.2 76.8
 111 47.1 33.3 49.9



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





#15

Benzyl Alcohol

Concen: 39.29 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

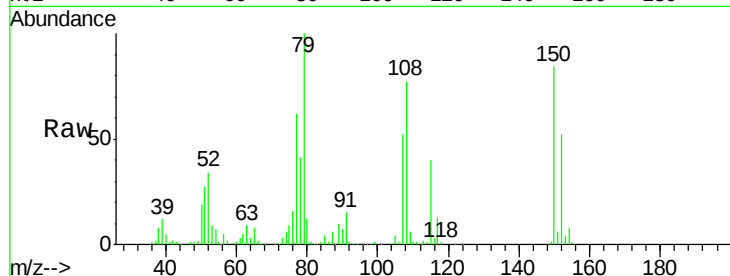
Tot Ion: 79 Resp: 213597

Ion Ratio Lower Upper

79 100

108 76.8 62.5 93.7

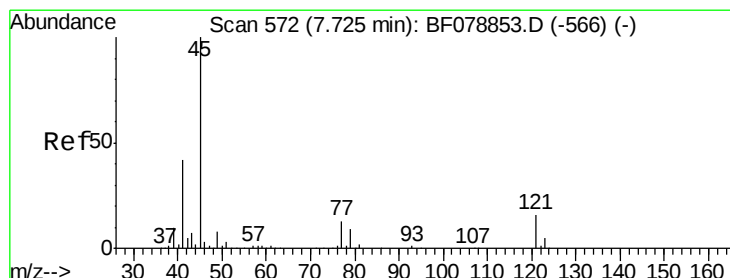
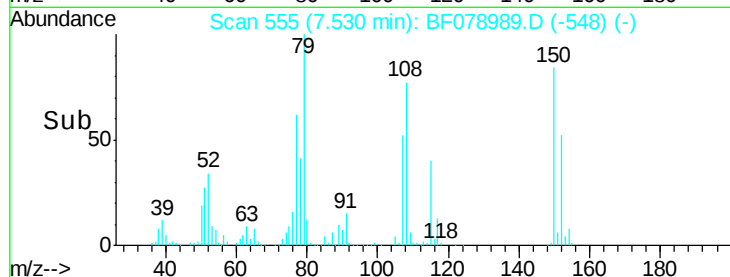
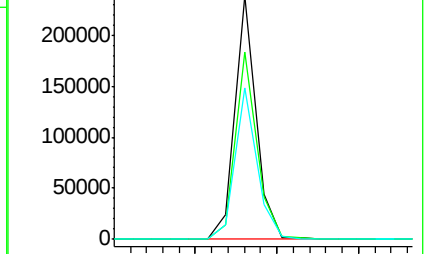
77 62.1 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.39 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

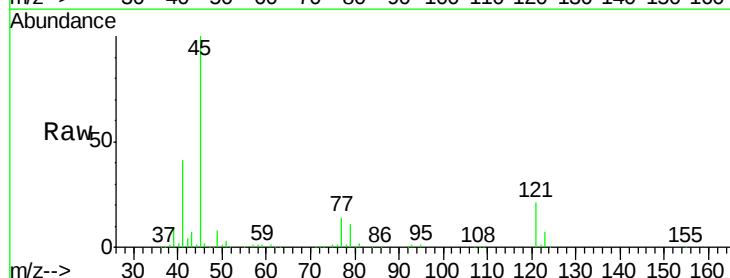
Tgt Ion: 45 Resp: 356336

Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.3

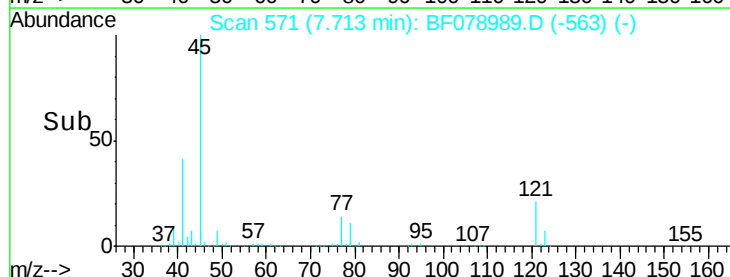
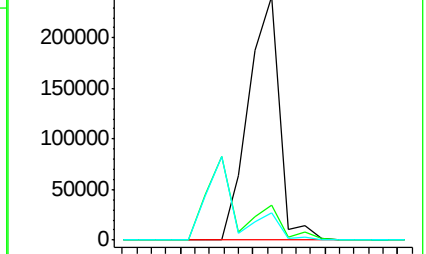
79 11.0 0.0 30.1

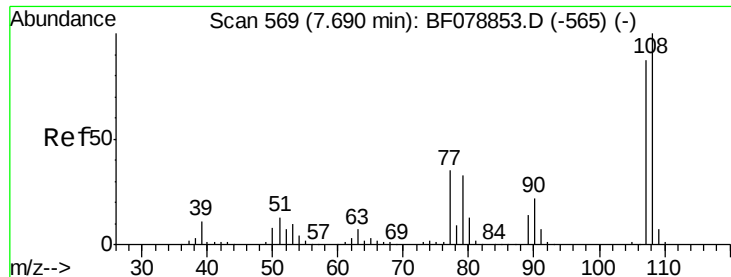


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

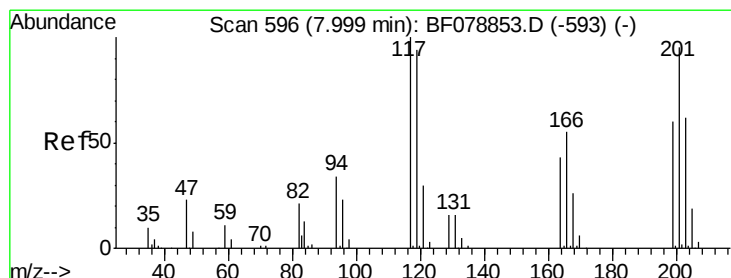
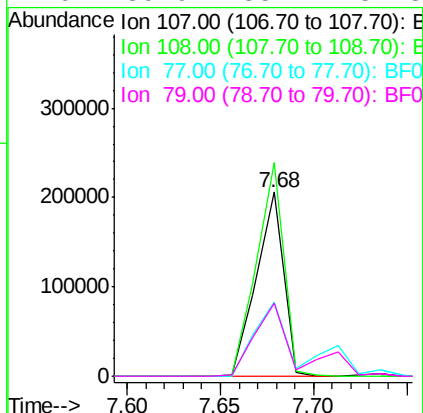
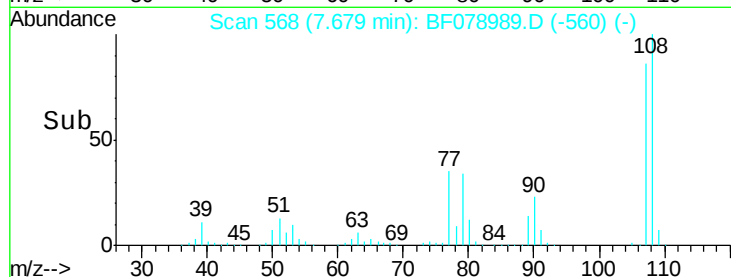
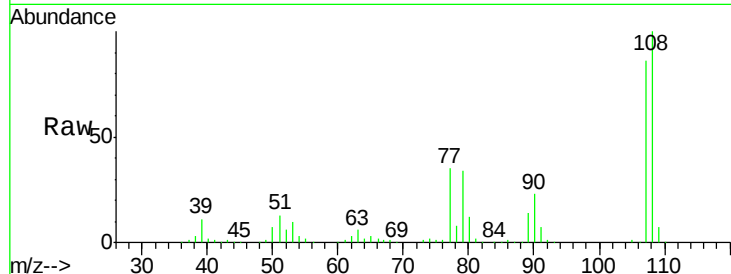




#17
2-Methylphenol
Concen: 41.06 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

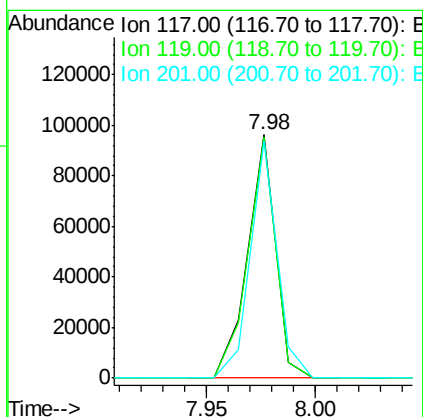
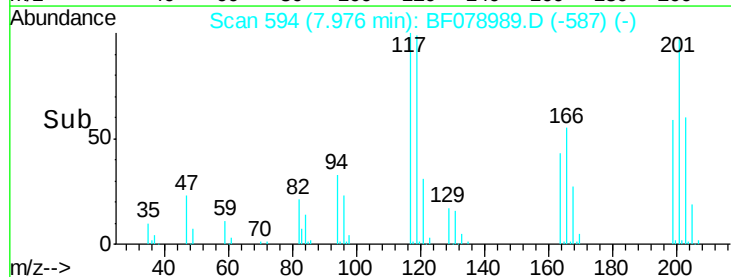
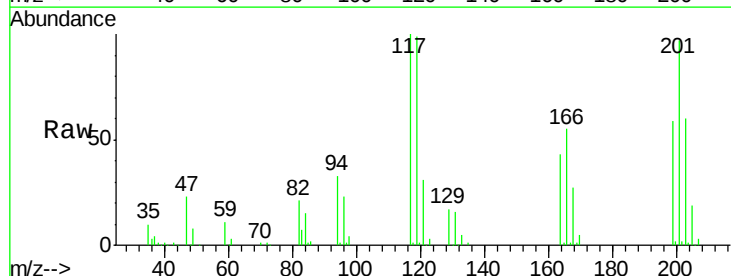
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	207632
Ion	Ratio	Lower	Upper
107	100		
108	116.1	94.9	142.3
77	40.3	36.2	54.4
79	39.9	35.2	52.8



#18
Hexachloroethane
Concen: 34.42 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion:	117	Resp:	86177
Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.4	113.0
201	97.4	83.2	124.8

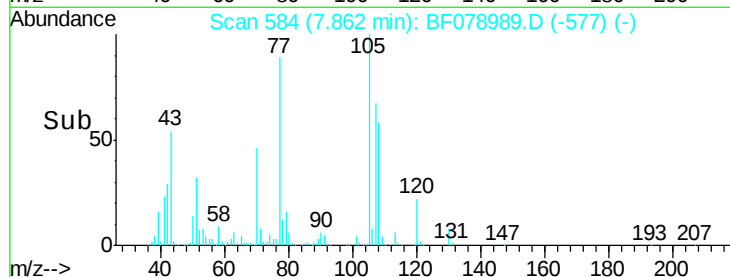
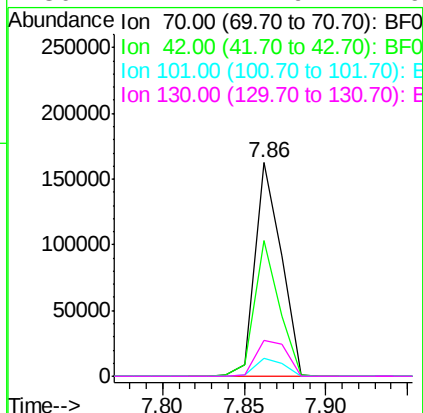
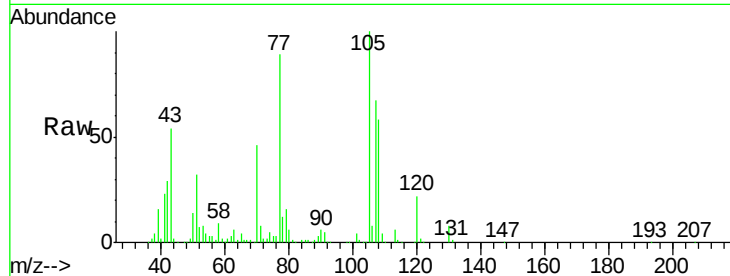




#19
n-Nitroso-di-n-propylamine
Concen: 36.77 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

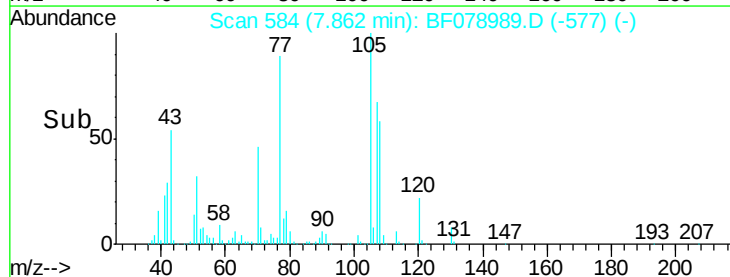
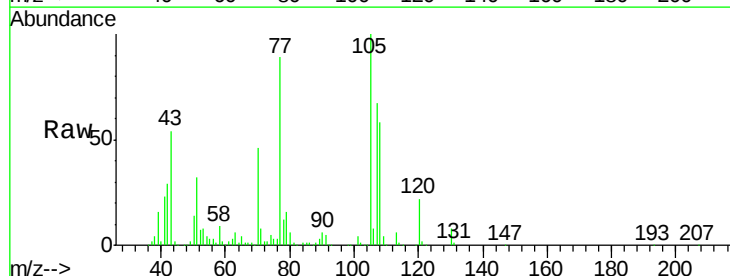
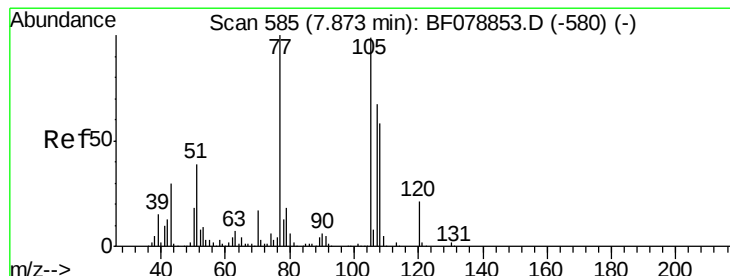
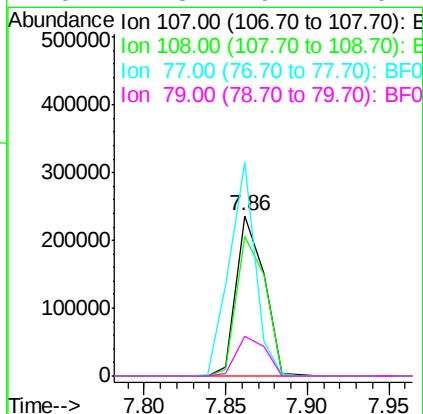
Instrument :
BNA_F
ClientSampled :

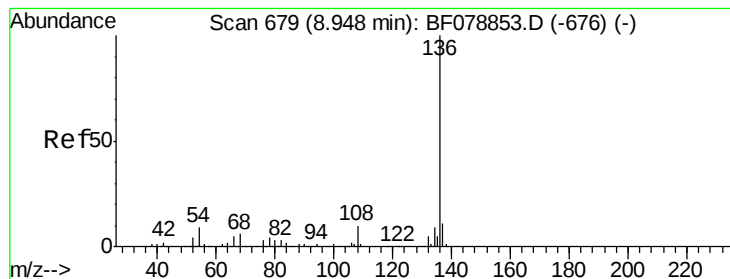
Tot Ion: 70 Resp: 181888
Ion Ratio Lower Upper
70 100
42 63.5 55.4 83.0
101 8.7 6.6 10.0
130 17.1 11.9 17.9



#20
3+4-Methylphenols
Concen: 41.34 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion:107 Resp: 278582
Ion Ratio Lower Upper
107 100
108 86.9 76.9 116.9
77 132.9 136.8 176.8#
79 24.3 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 407347

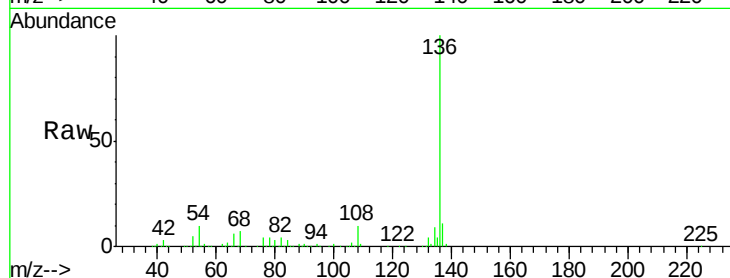
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 9.6 5.8 8.8#

68 7.4 4.2 6.4#

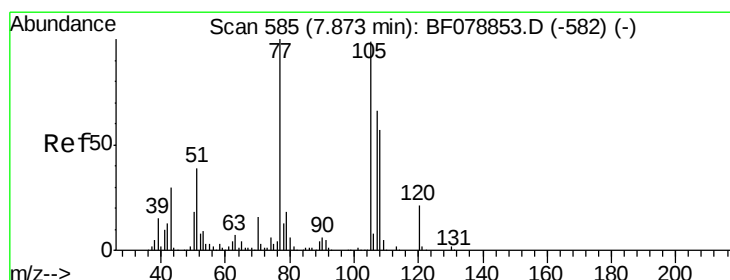
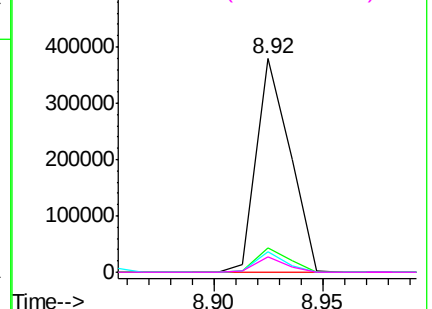
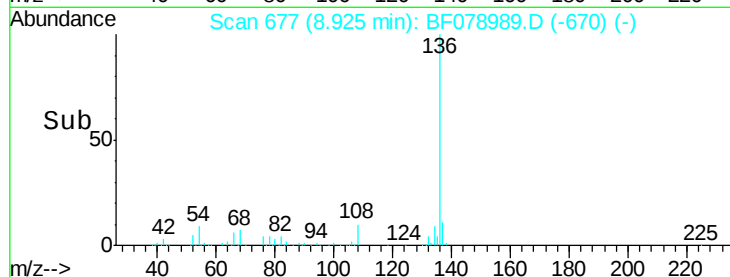


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.70 ng

RT: 7.86 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Tgt Ion:105 Resp: 356191

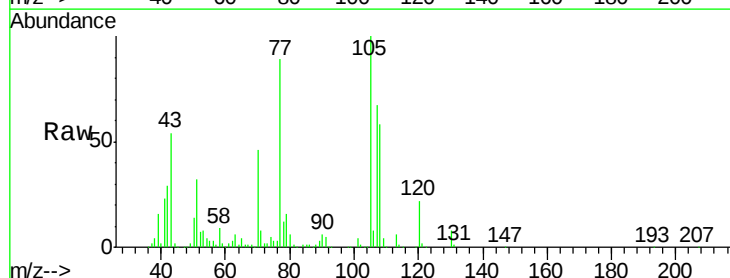
Ion Ratio Lower Upper

105 100

71 7.8 4.6 6.8#

51 31.6 26.7 40.1

120 21.9 17.4 26.0

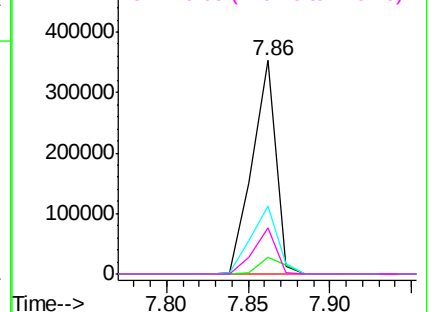
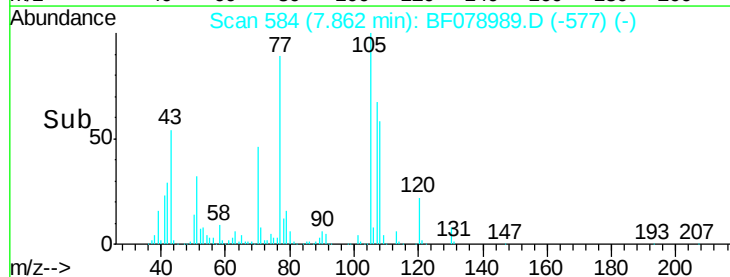


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

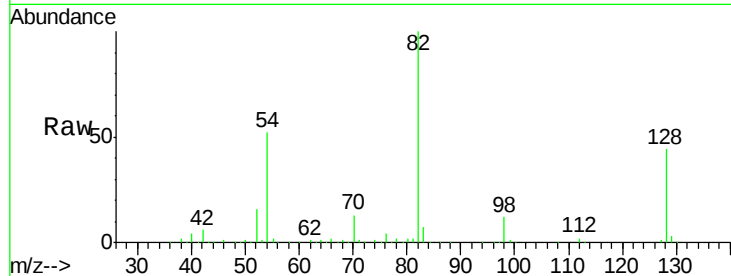




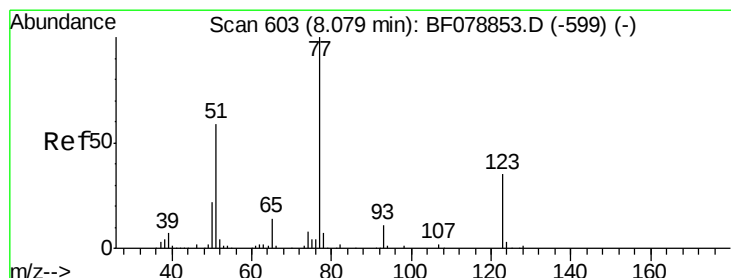
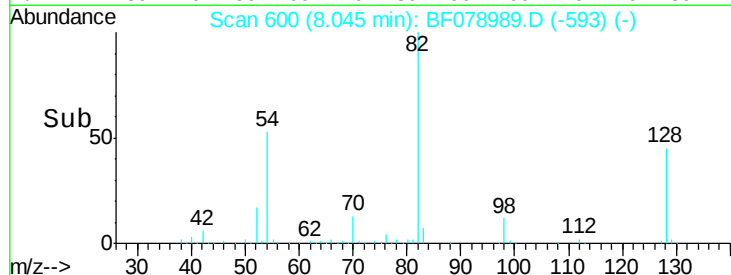
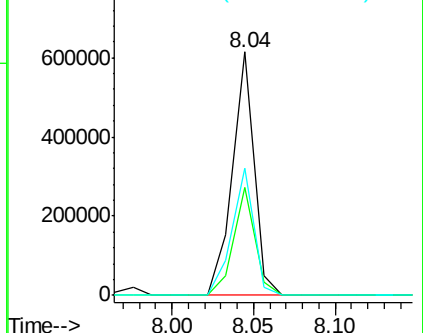
#23
 Nitrobenzene-d5
 Concen: 79.35 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	562418
Ion Ratio	Lower	Upper	
82	100		
128	44.4	30.0	45.0
54	52.1	46.4	69.6

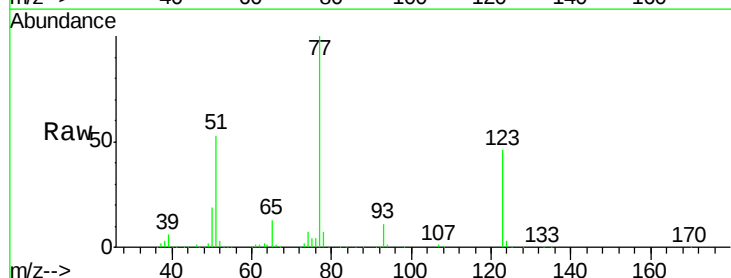


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

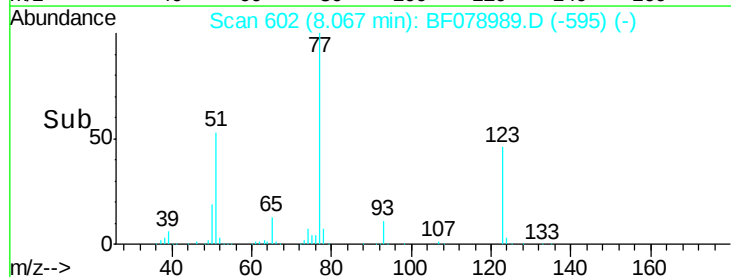
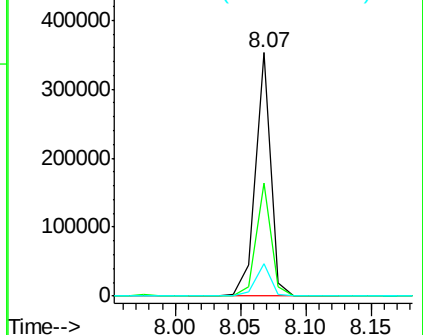


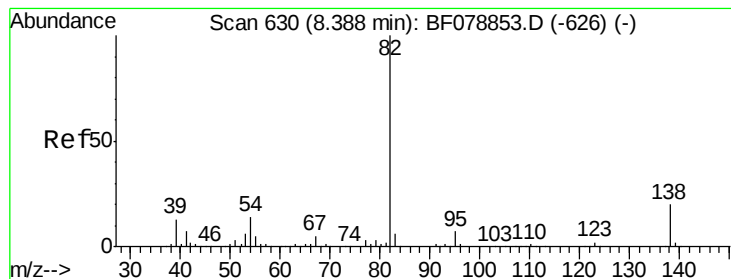
#24
 Nitrobenzene
 Concen: 41.16 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Tgt Ion	77	Resp	289146
Ion Ratio	Lower	Upper	
77	100		
123	46.2	31.8	47.8
65	13.3	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.79 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

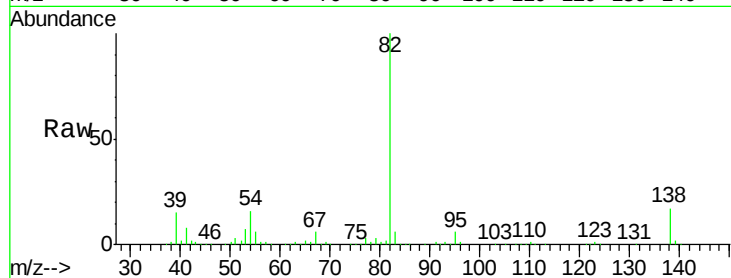
Tot Ion: 82 Resp: 496615

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 16.7 12.0 18.0



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

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

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

8.36

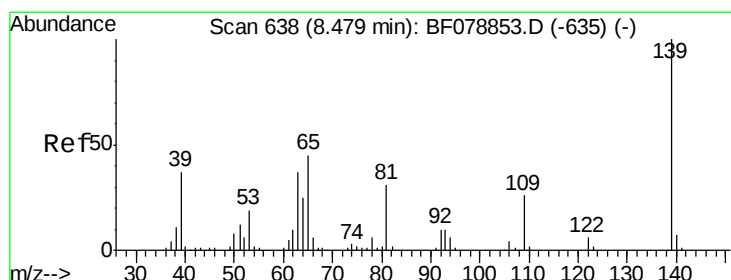
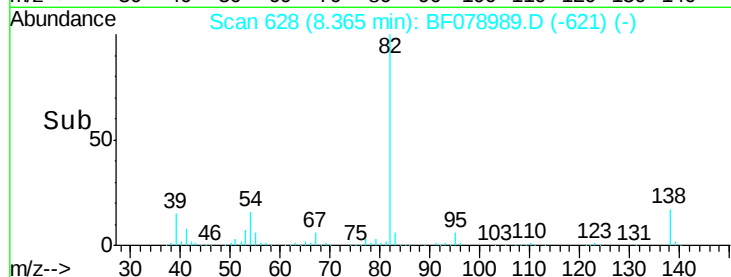
600000

400000

200000

0

Time-->



#26

2-Nitrophenol

Concen: 42.76 ng

RT: 8.46 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

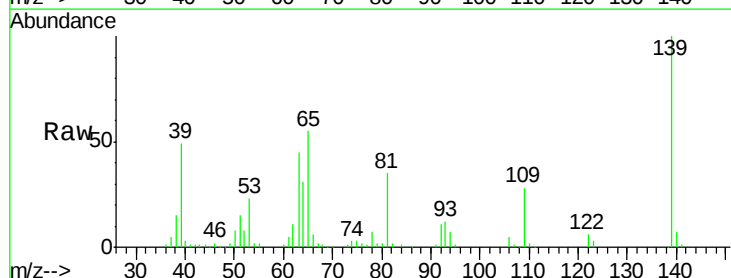
Tgt Ion: 139 Resp: 124336

Ion Ratio Lower Upper

139 100

109 27.9 21.0 31.4

65 55.1 30.5 45.7#



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

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

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

8.46

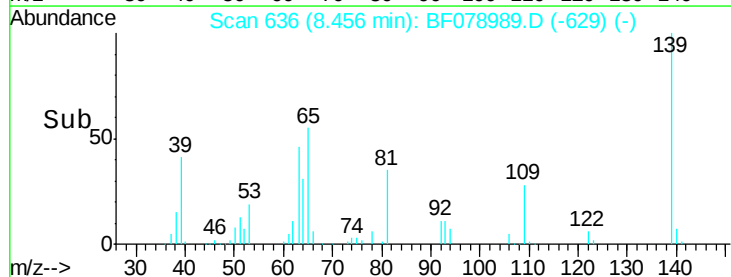
150000

100000

50000

0

Time-->





#27

2,4-Dimethylphenol

Concen: 37.87 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampled :

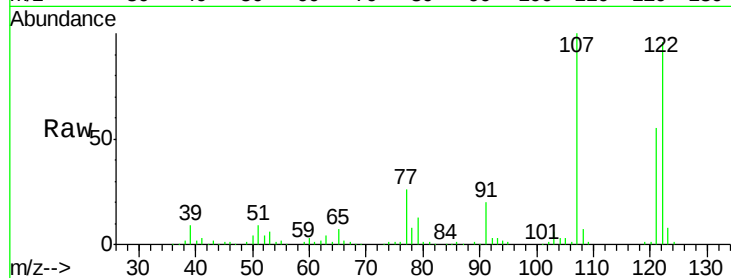
Tot Ion:122 Resp: 220366

Ion Ratio Lower Upper

122 100

107 104.4 90.6 135.8

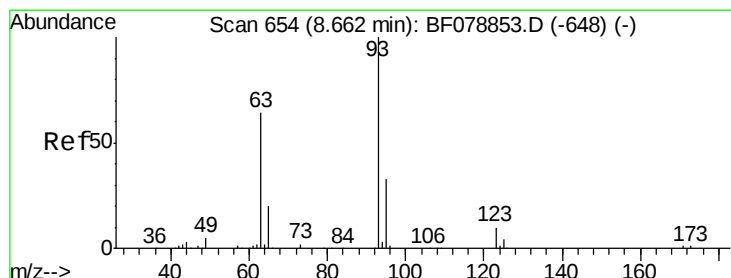
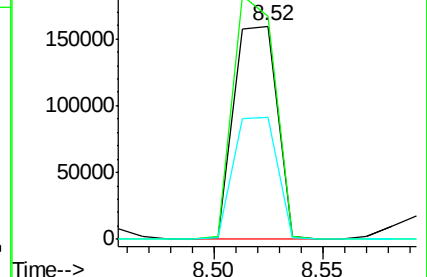
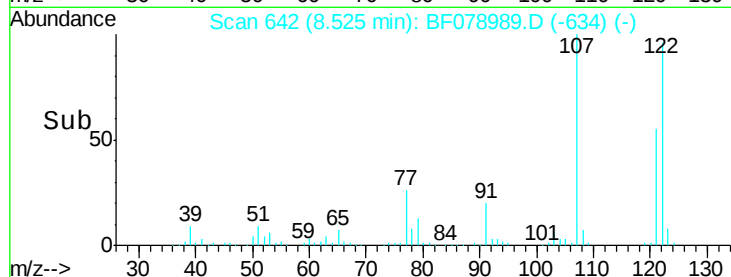
121 57.2 45.4 68.2



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: 36.82 ng

RT: 8.64 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

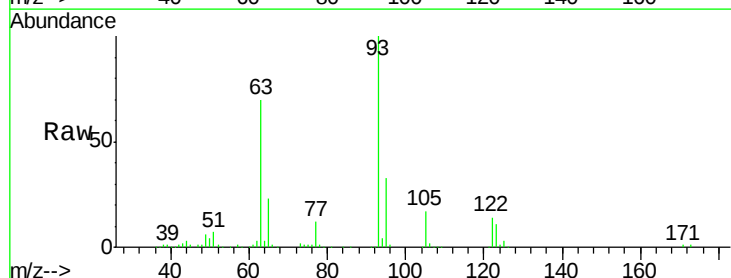
Tgt Ion: 93 Resp: 298293

Ion Ratio Lower Upper

93 100

95 32.9 26.7 40.1

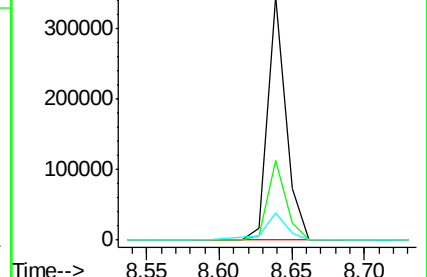
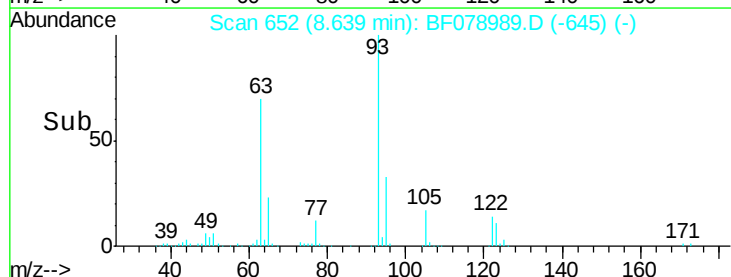
123 11.0 9.1 13.7

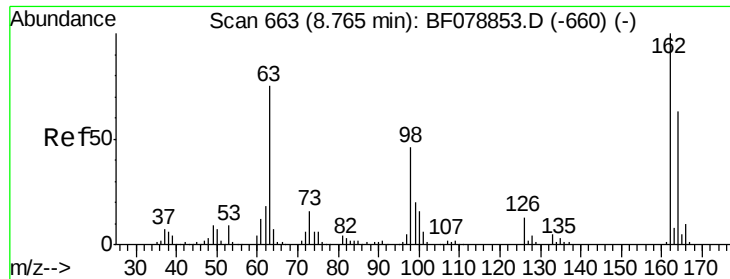


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

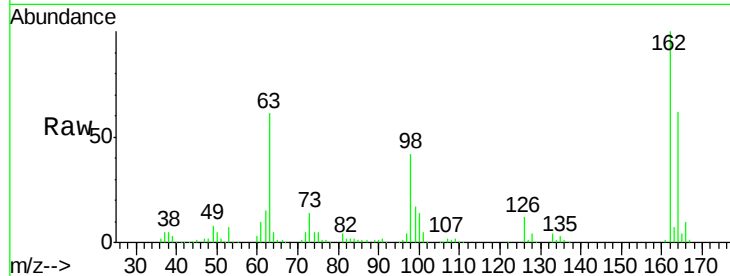




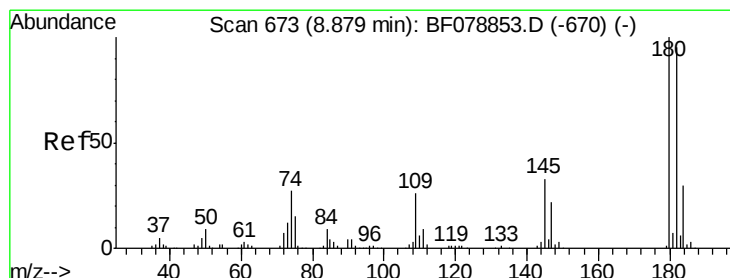
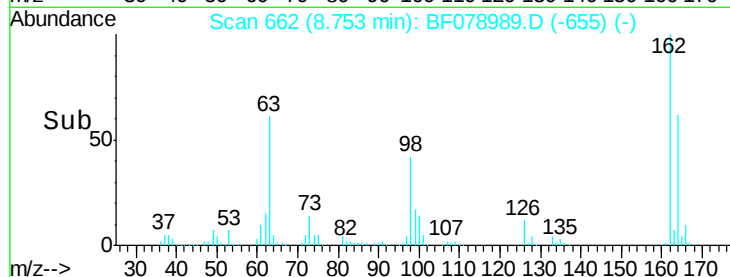
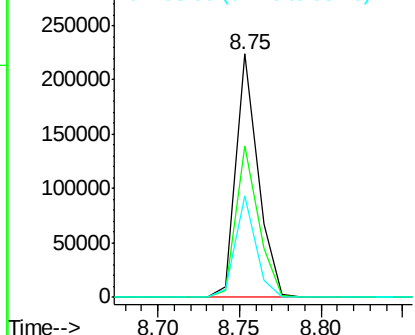
#29
 2,4-Dichlorophenol
 Concen: 40.50 ng
 RT: 8.75 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.6	83.6
98	41.5	16.5	56.5

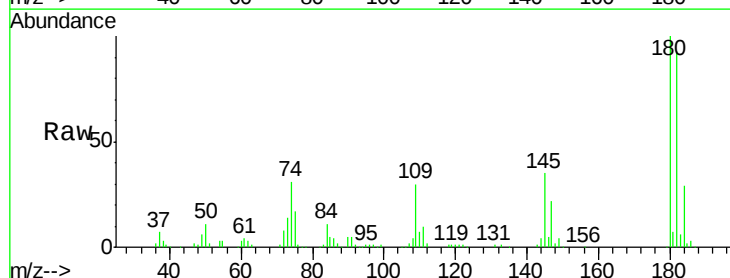


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

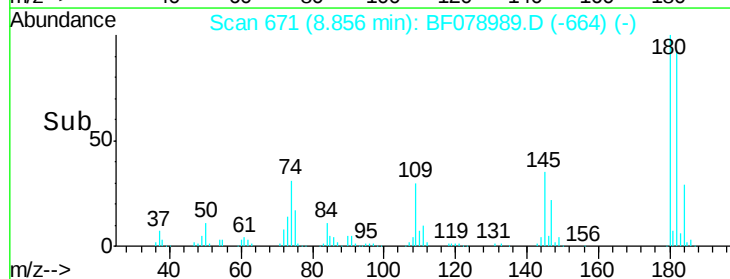
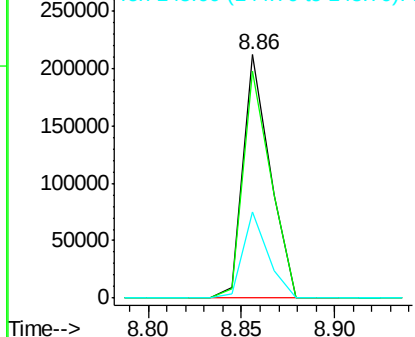


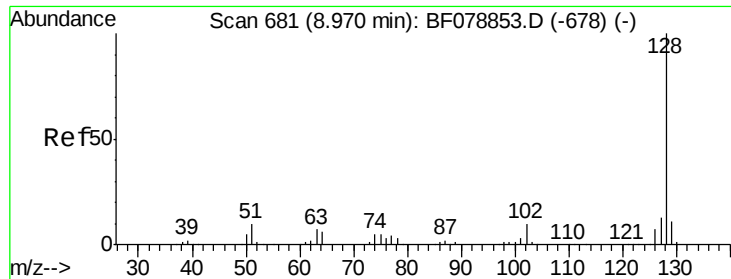
#30
 1,2,4-Trichlorobenzene
 Concen: 37.52 ng
 RT: 8.86 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	78.9	118.3
145	35.3	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

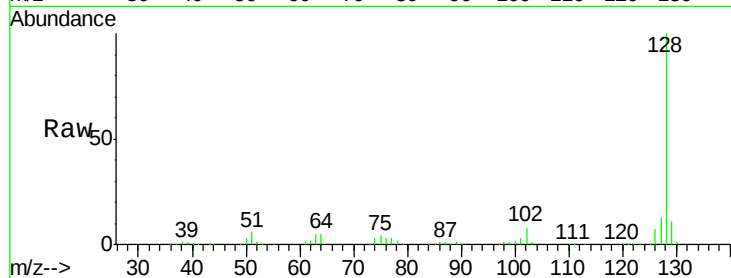




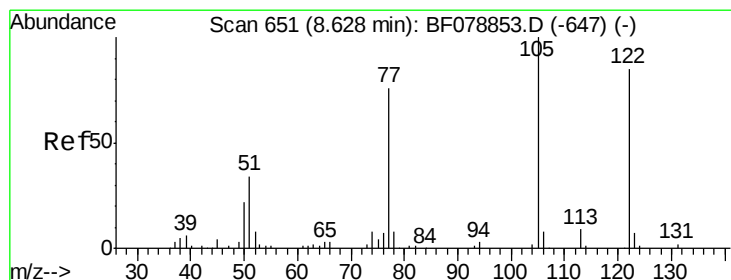
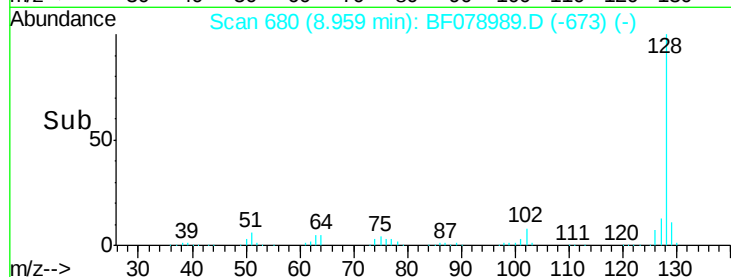
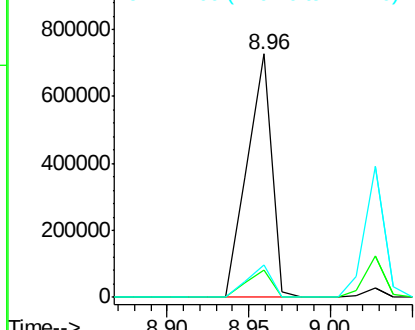
#31
Naphthalene
Concen: 39.04 ng
RT: 8.96 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 757661
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.1 10.7 16.1

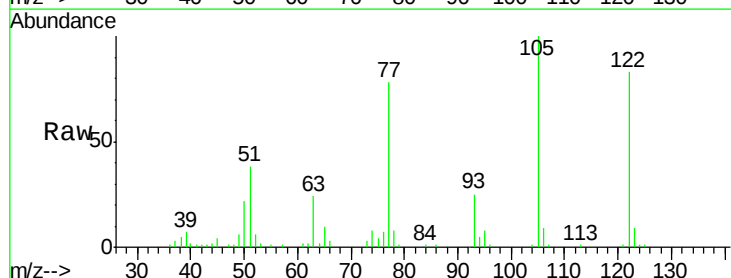


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

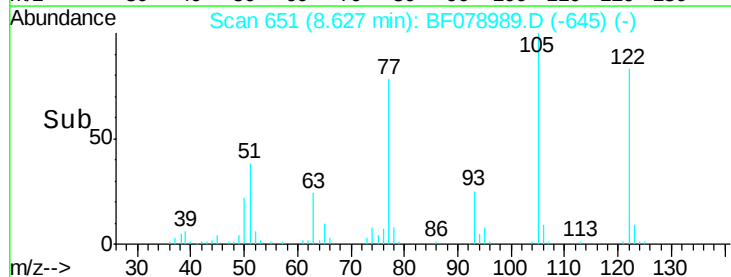
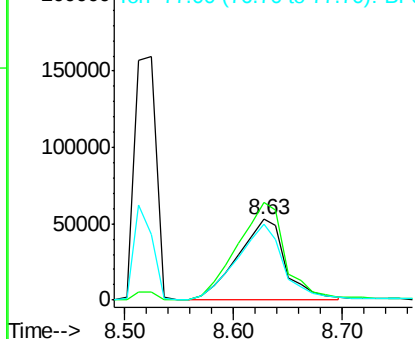


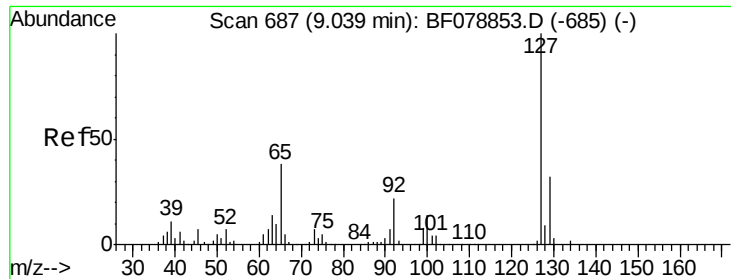
#32
Benzoic acid
Concen: 44.54 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion:122 Resp: 160432
Ion Ratio Lower Upper
122 100
105 120.3 107.1 147.1
77 93.6 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

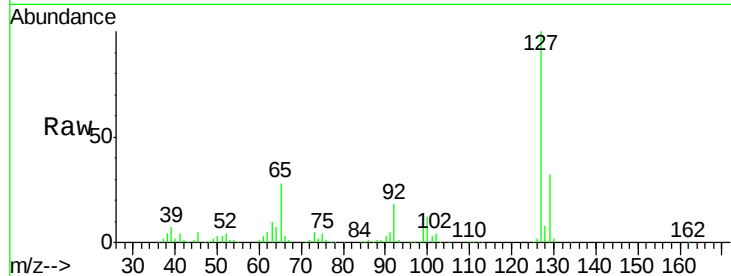




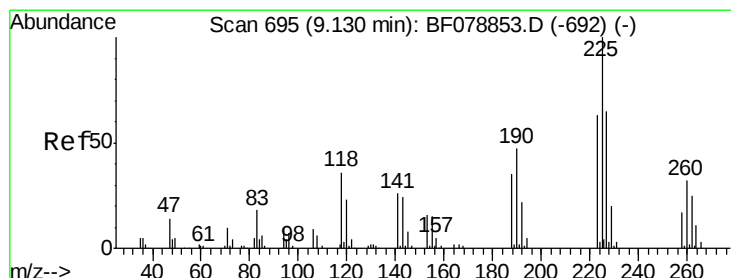
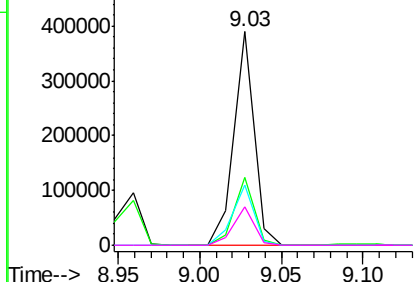
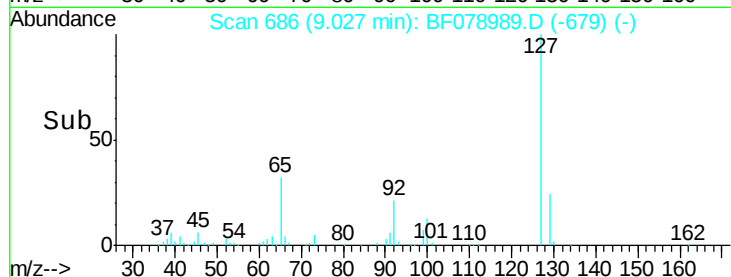
#33
4-Chloroaniline
Concen: 40.55 ng
RT: 9.03 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	333055
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	28.2	25.8	38.6
92	18.2	15.5	23.3

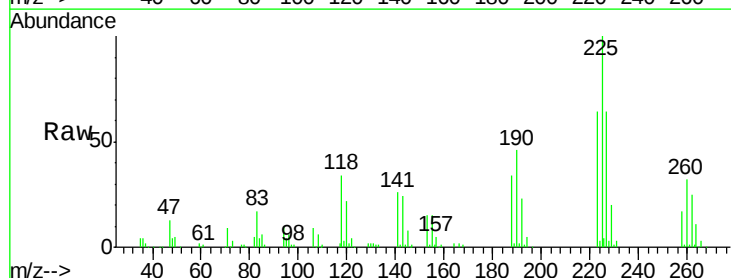


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

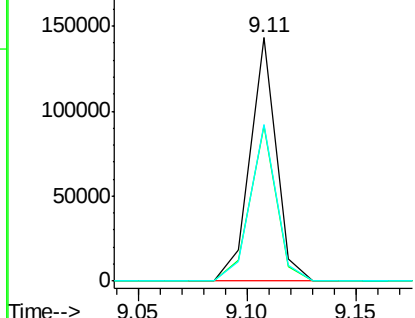
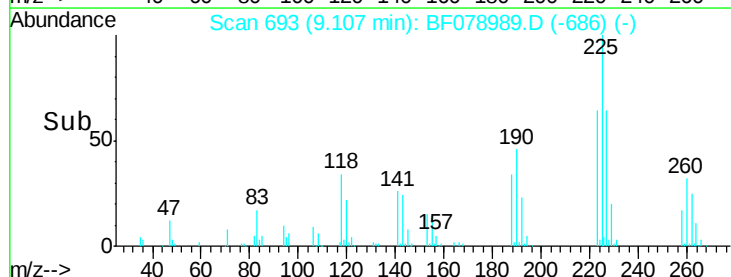


#34
Hexachlorobutadiene
Concen: 36.61 ng
RT: 9.11 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion:	225	Resp:	119836
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.2	72.4
227	64.2	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

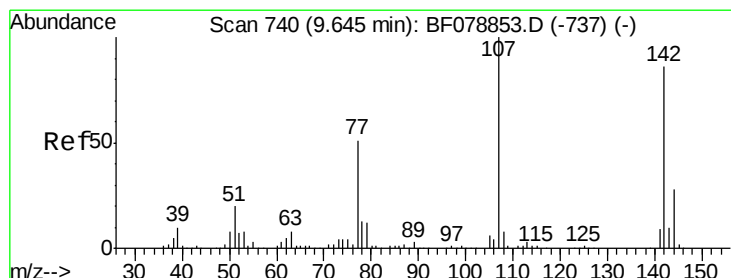
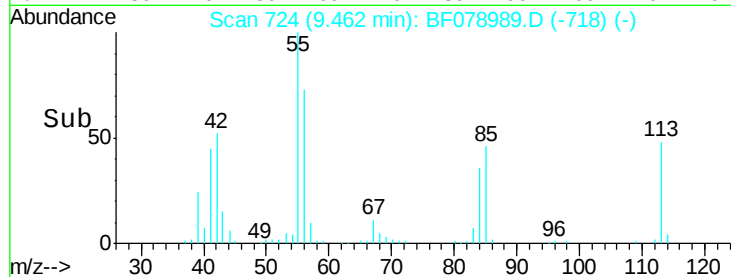
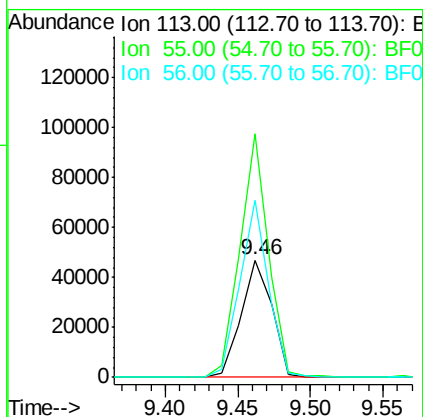
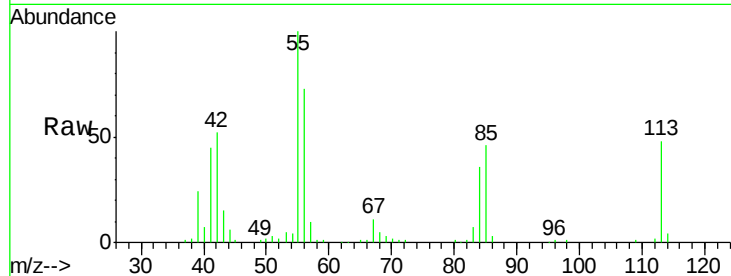




#35
Caprolactam
Concen: 40.94 ng
RT: 9.46 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

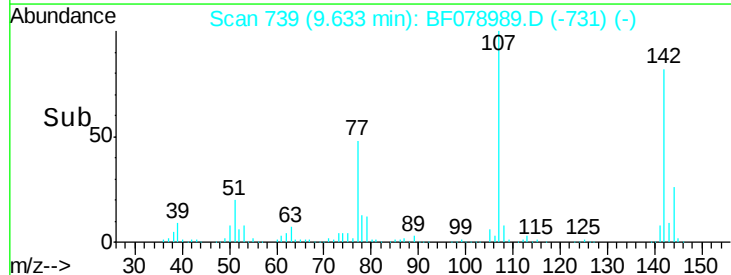
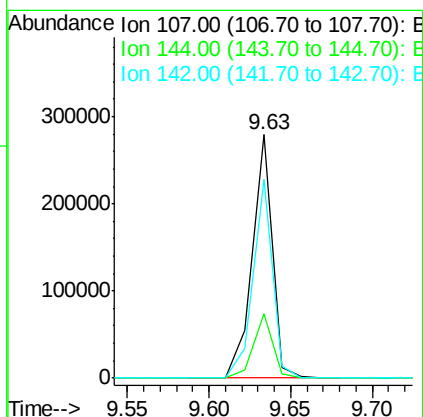
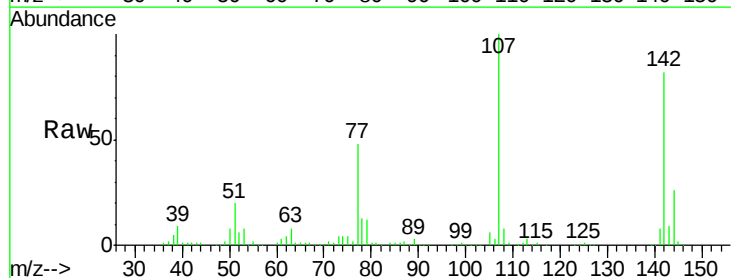
Instrument :
BNA_F
ClientSampleId :

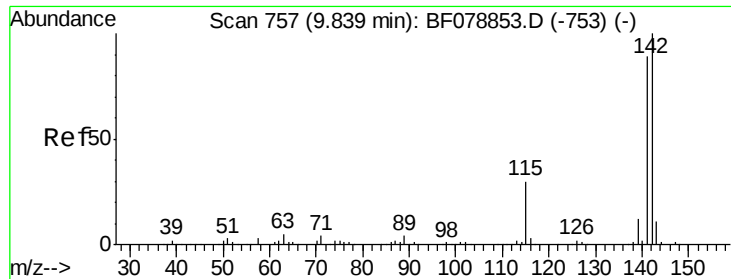
Tot Ion:113 Resp: 68502
Ion Ratio Lower Upper
113 100
55 208.0 169.7 209.7
56 151.6 122.5 162.5



#36
4-Chloro-3-methylphenol
Concen: 44.11 ng
RT: 9.63 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion:107 Resp: 239712
Ion Ratio Lower Upper
107 100
144 26.5 19.8 29.6
142 81.8 60.6 91.0

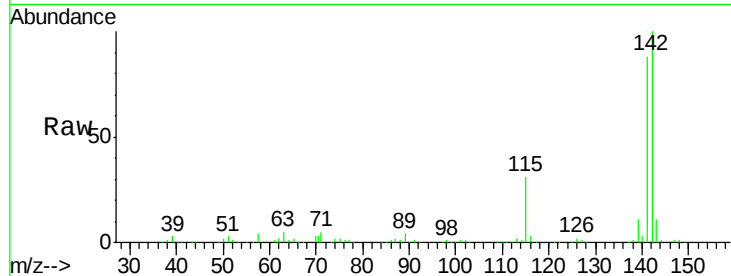




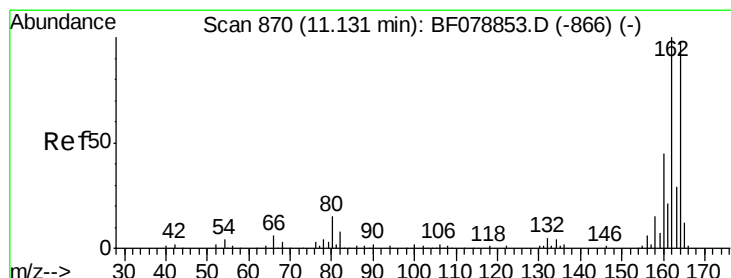
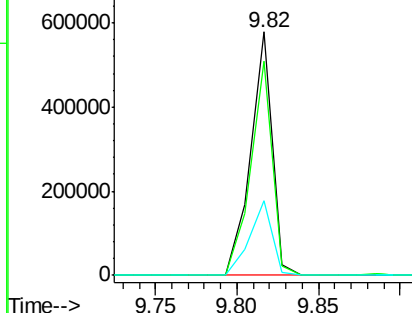
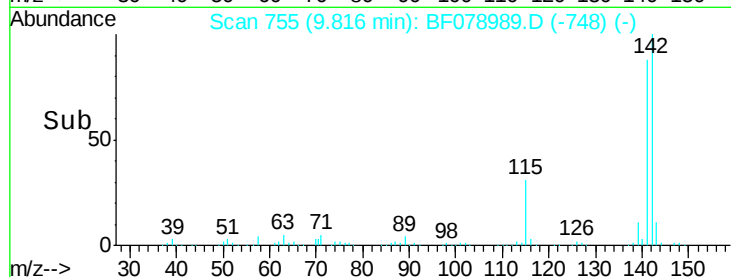
#37
 2-Methylnaphthalene
 Concen: 39.40 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.9	106.3
115	30.9	28.5	42.7

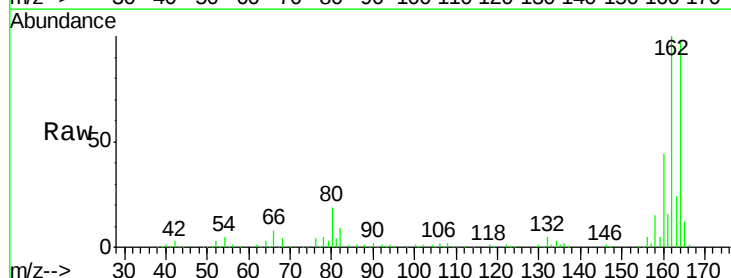


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

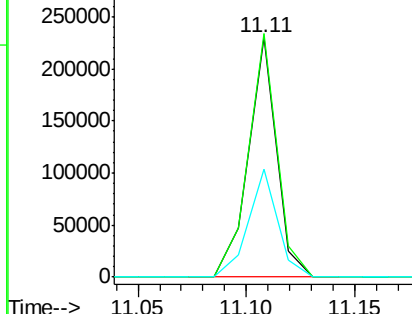
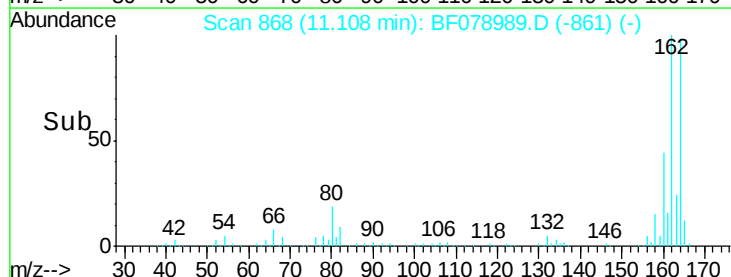


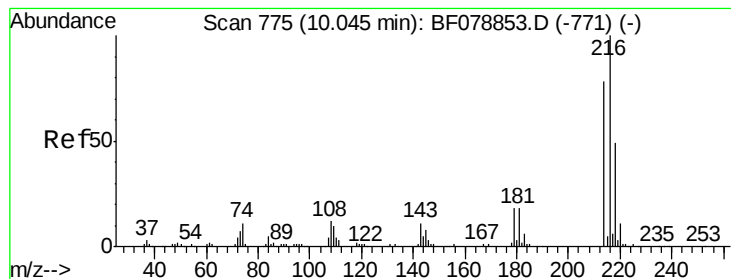
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.7	124.1
160	45.1	35.8	53.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.11 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 216793

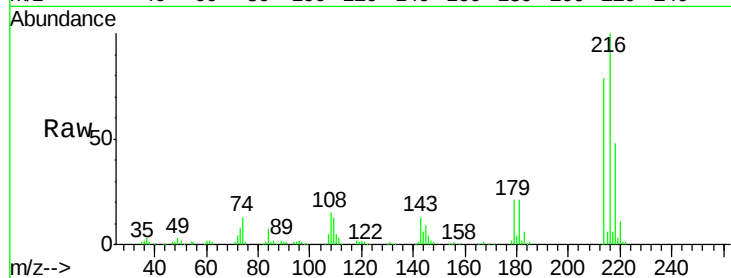
Ion Ratio Lower Upper

216 100

214 79.4 0.0 0.0#

179 22.2 0.0 0.0#

108 19.1 0.0 0.0#

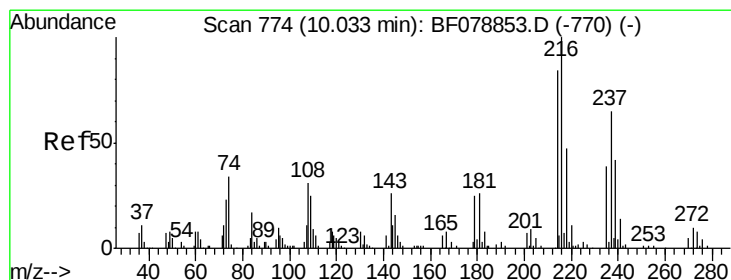
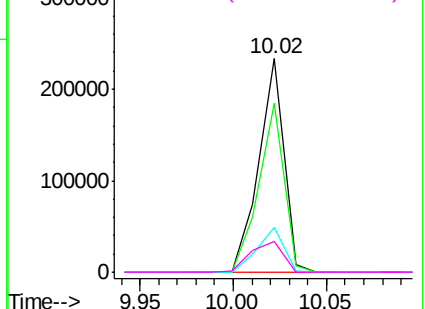
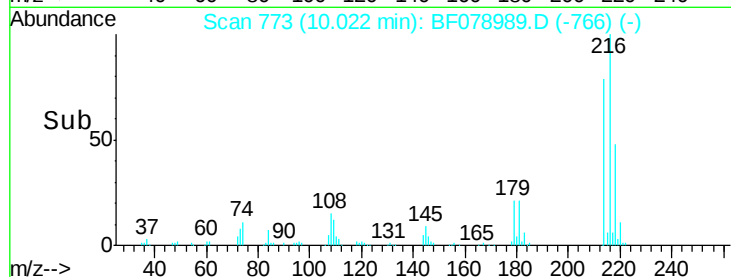


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.60 ng

RT: 10.00 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

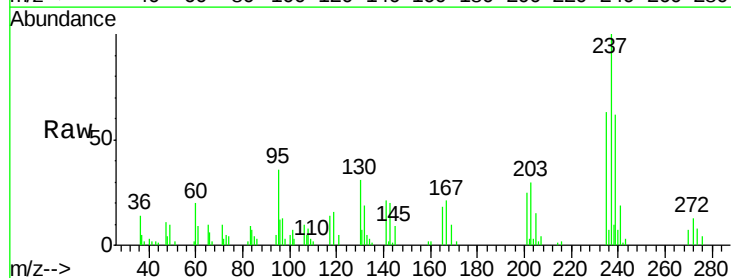
Tgt Ion:237 Resp: 28195

Ion Ratio Lower Upper

237 100

235 63.1 44.7 84.7

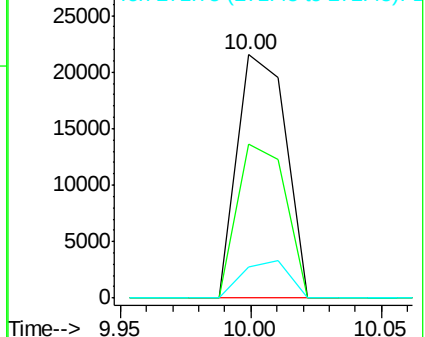
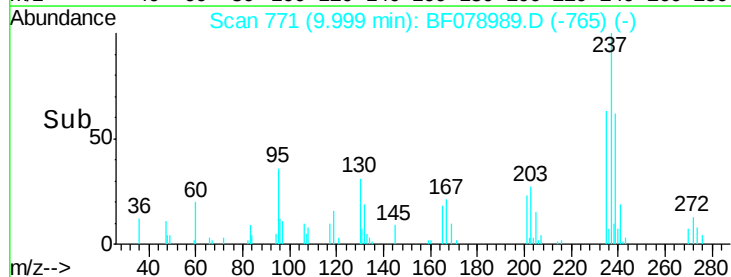
272 12.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

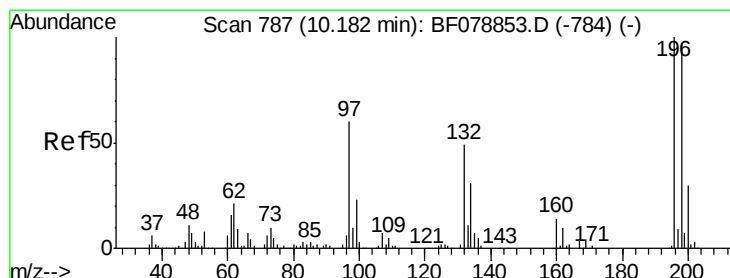
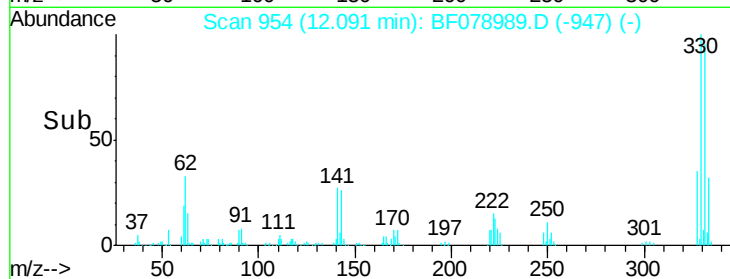
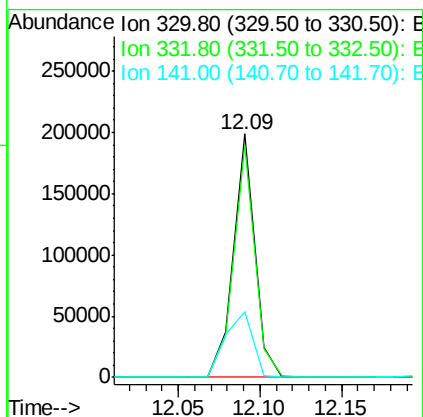
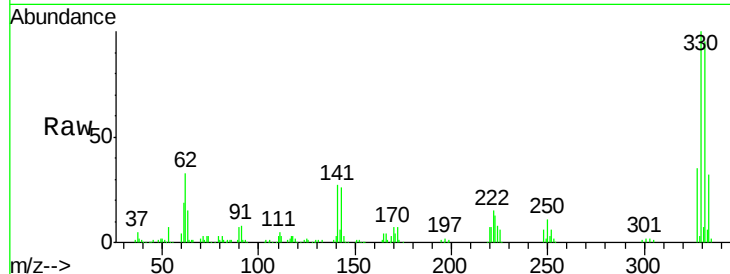




#41
 2,4,6-Tribromophenol
 Concen: 79.84 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

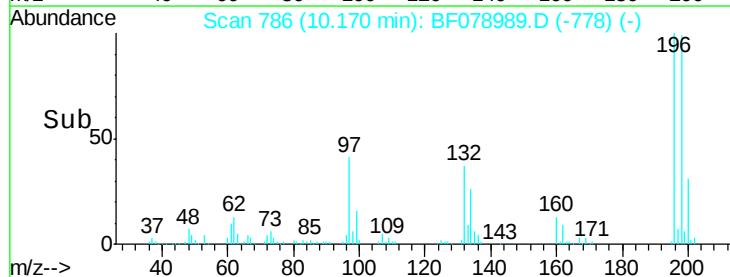
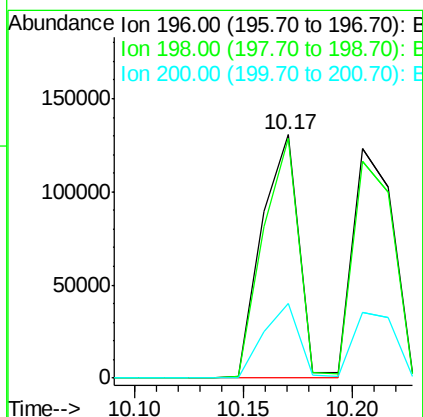
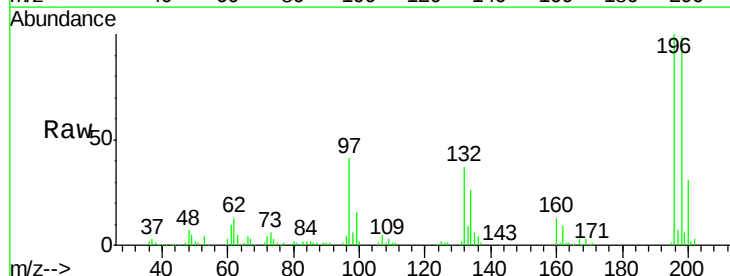
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 179160
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 34.8 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 38.78 ng
 RT: 10.17 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Tgt Ion:196 Resp: 155758
 Ion Ratio Lower Upper
 196 100
 198 98.5 80.5 120.7
 200 30.8 24.9 37.3

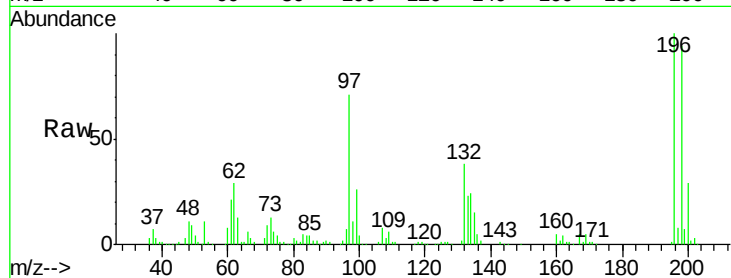




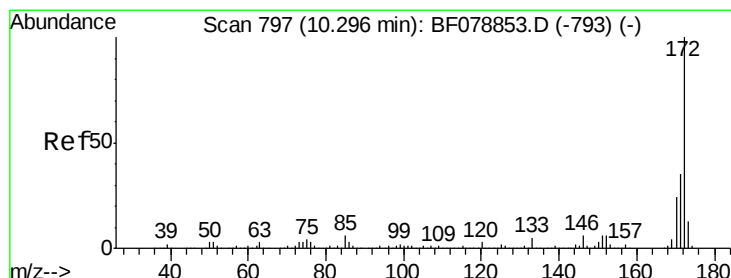
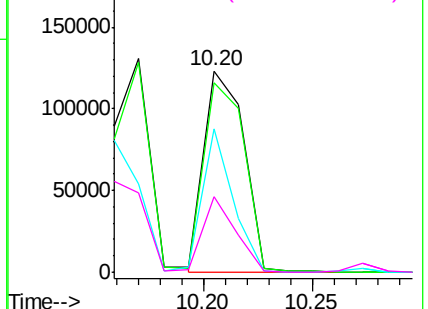
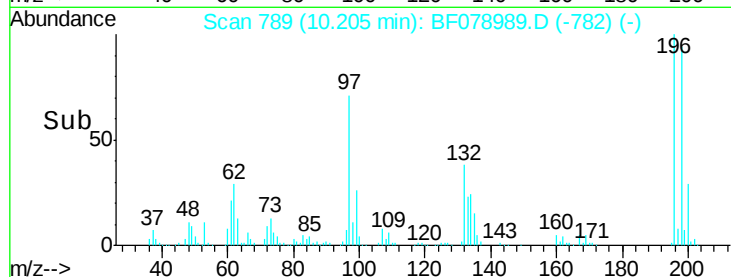
#43
 2,4,5-Trichlorophenol
 Concen: 38.64 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 156897
 Ion Ratio Lower Upper
 196 100
 198 94.1 79.8 119.6
 97 70.9 46.0 69.0#
 132 37.6 26.6 40.0

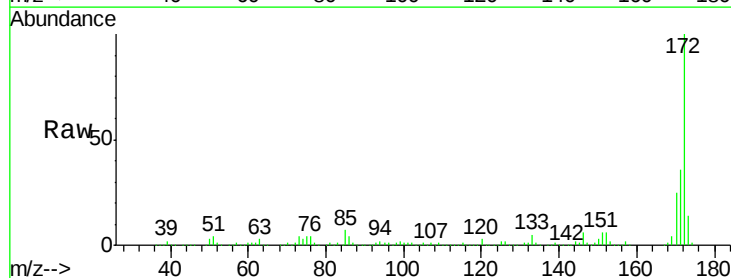


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

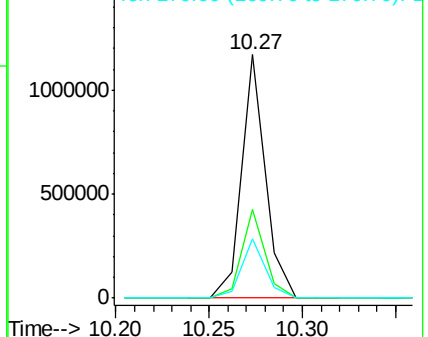
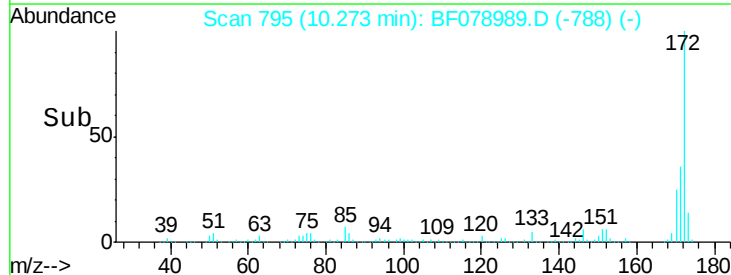


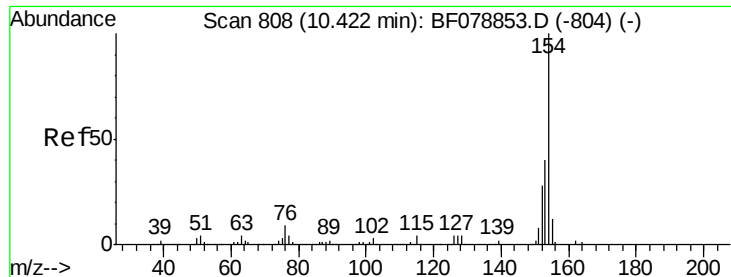
#44
 2-Fluorobiphenyl
 Concen: 69.81 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Tgt Ion:172 Resp: 1039338
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.9 41.9
 170 24.5 19.4 29.0



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





#45

1,1'-Biphenyl

Concen: 36.99 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

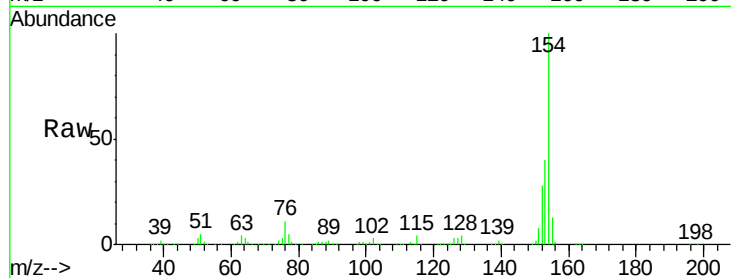
Tot Ion:154 Resp: 610053

Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

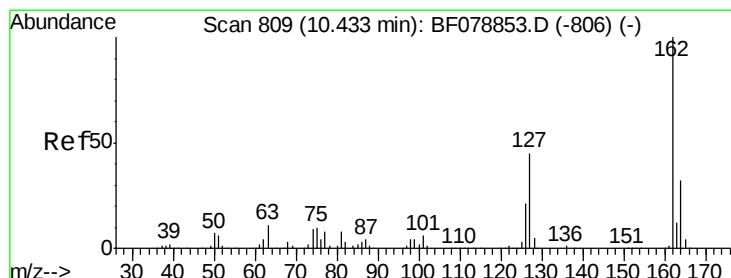
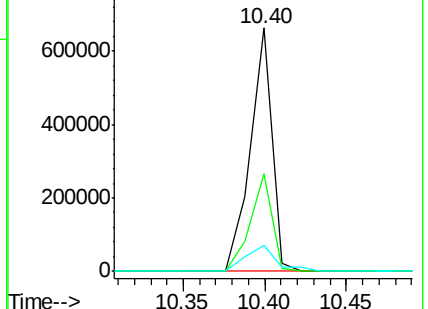
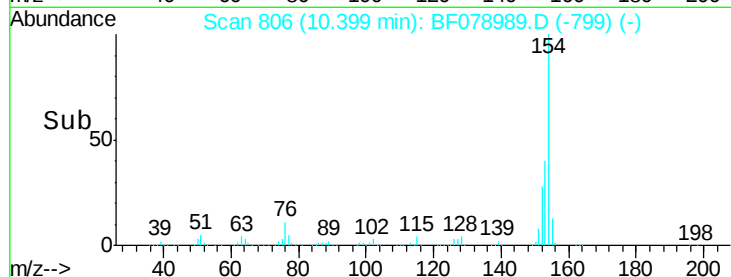
76 10.9 0.0 35.0



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: 36.99 ng

RT: 10.42 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

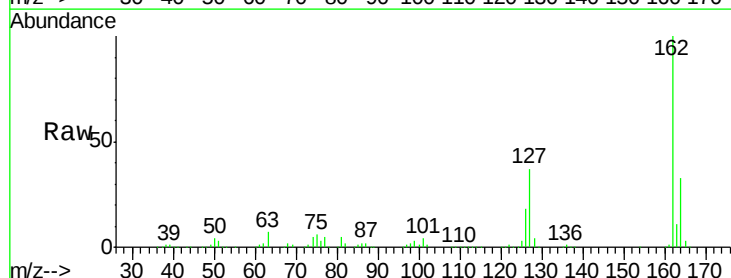
Tgt Ion:162 Resp: 475804

Ion Ratio Lower Upper

162 100

127 37.2 33.9 50.9

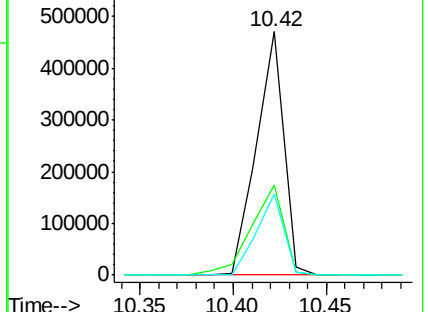
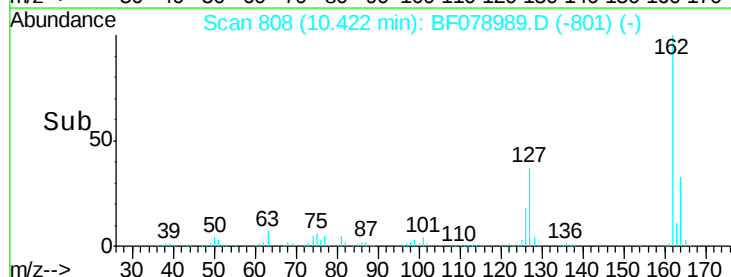
164 33.3 26.3 39.5



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

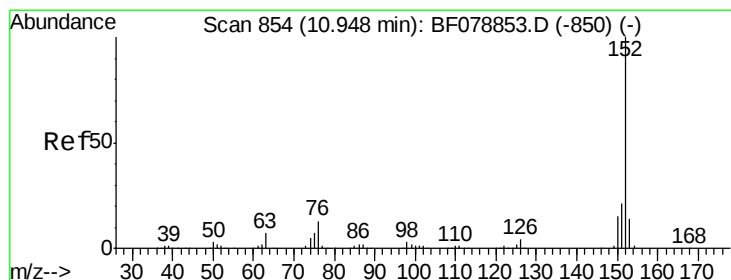
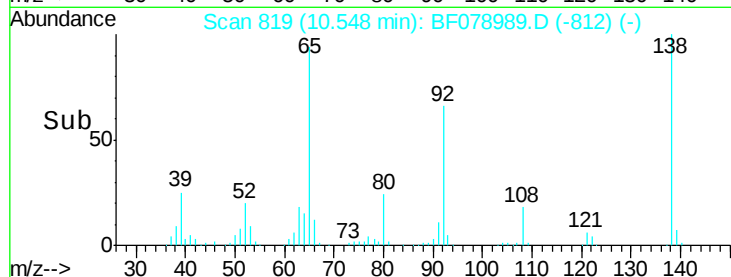
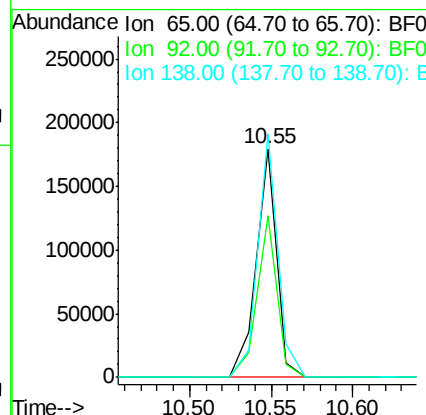
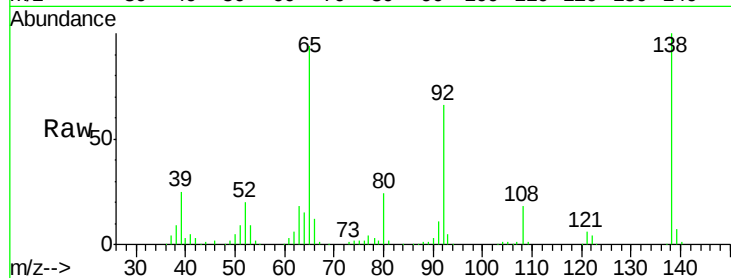




#47
2-Nitroaniline
Concen: 41.81 ng
RT: 10.55 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

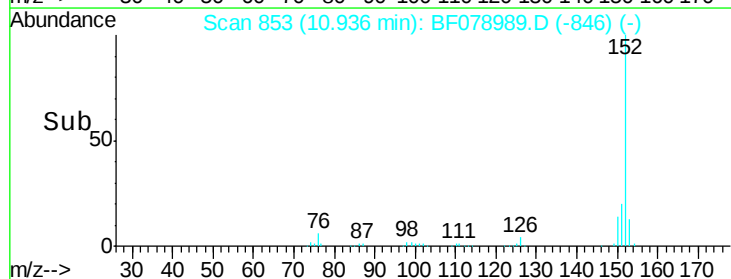
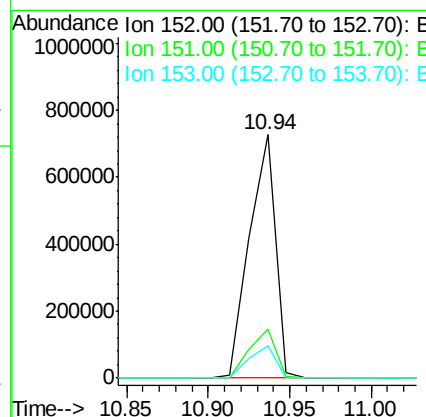
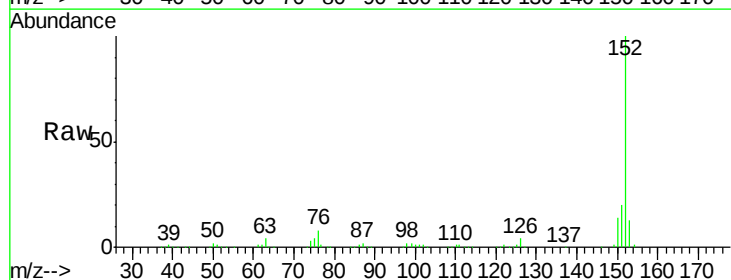
Instrument :
BNA_F
ClientSampleId :

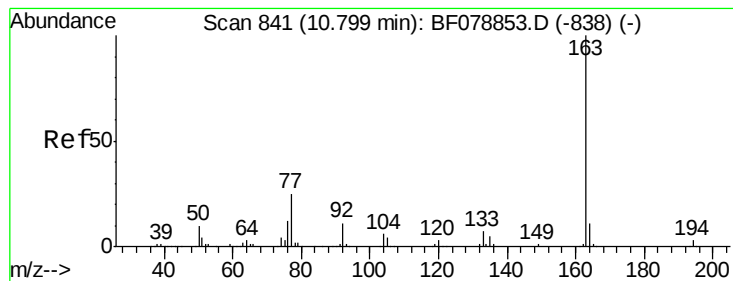
Tot Ion: 65 Resp: 155804
Ion Ratio Lower Upper
65 100
92 70.7 54.0 81.0
138 106.7 75.0 112.6



#48
Acenaphthylene
Concen: 38.11 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion: 152 Resp: 804782
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.1 10.9 16.3





#49

Dimethylphthalate

Concen: 36.90 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

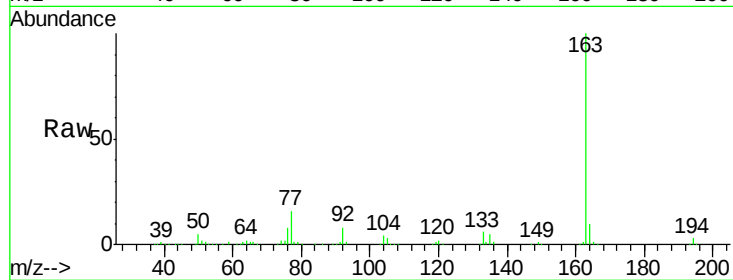
Tot Ion:163 Resp: 561814

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

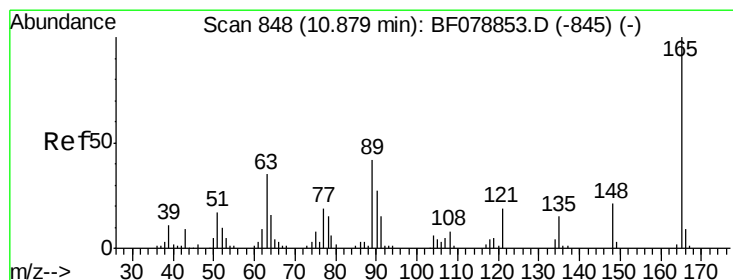
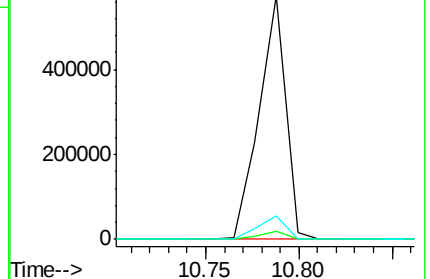
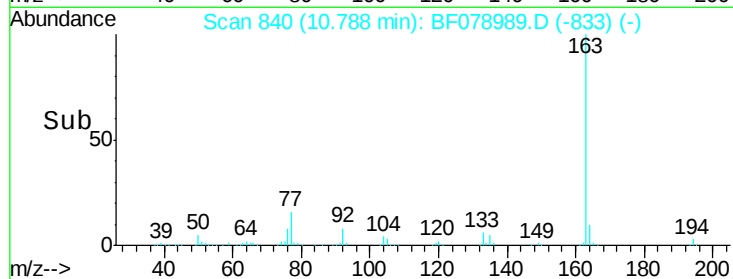
164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.29 ng

RT: 10.86 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

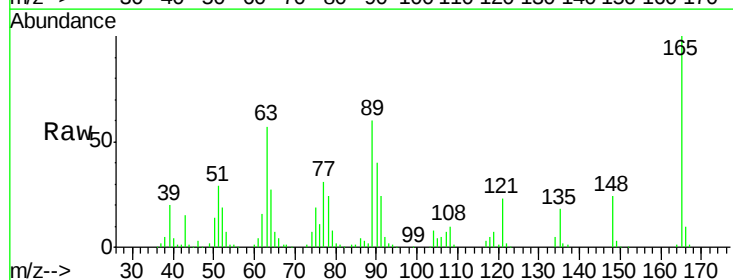
Tgt Ion:165 Resp: 115047

Ion Ratio Lower Upper

165 100

63 57.3 54.4 81.6

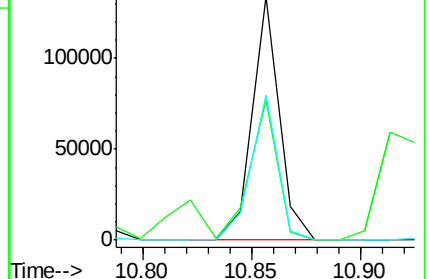
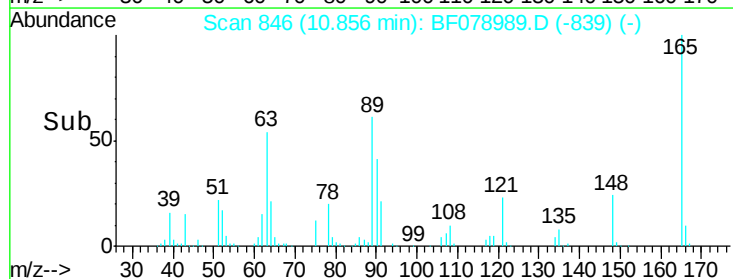
89 59.6 55.7 83.5

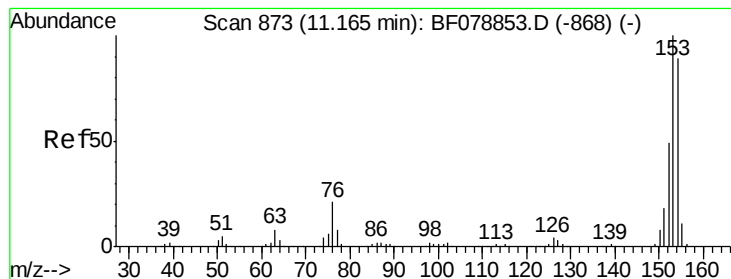


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.81 ng

RT: 11.15 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampled :

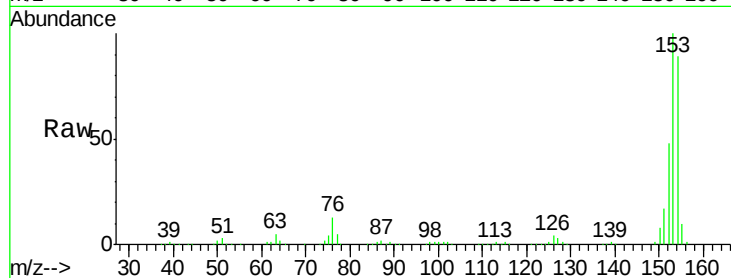
Tot Ion:154 Resp: 450990

Ion Ratio Lower Upper

154 100

153 112.7 91.5 137.3

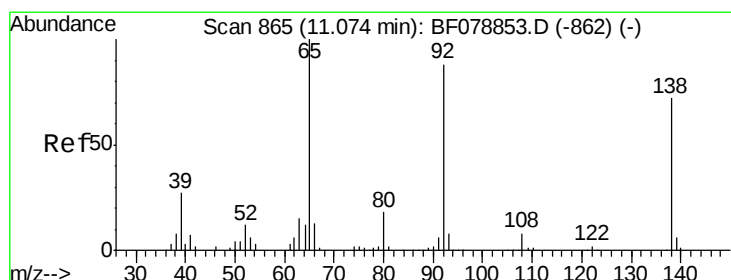
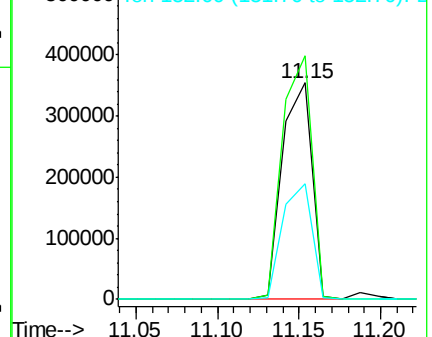
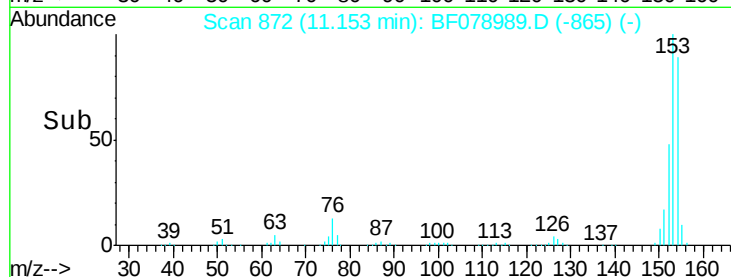
152 53.6 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.25 ng

RT: 11.06 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

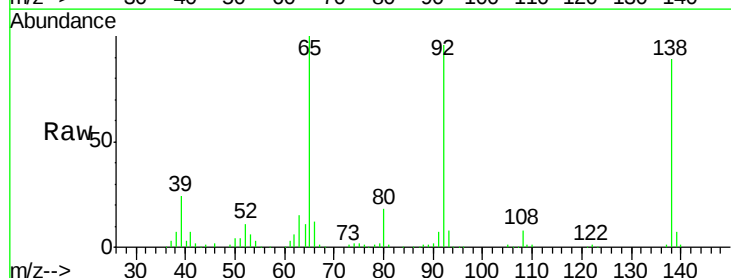
Tgt Ion:138 Resp: 166080

Ion Ratio Lower Upper

138 100

108 9.2 10.6 16.0#

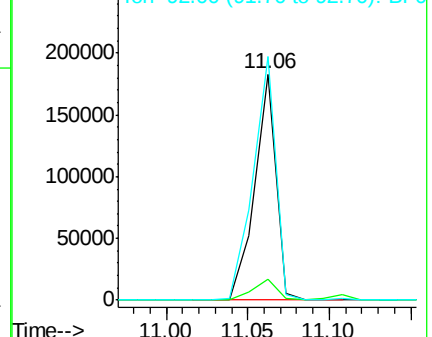
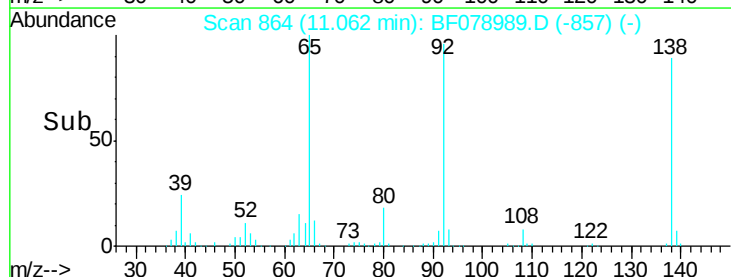
92 107.8 81.8 122.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

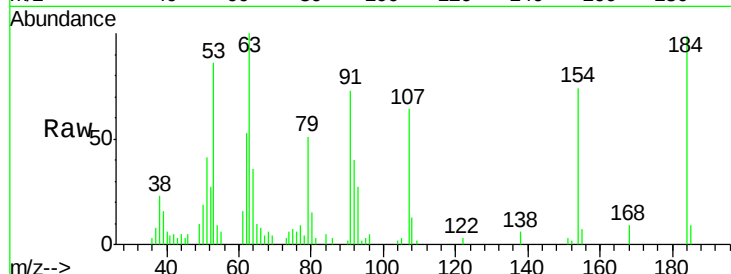




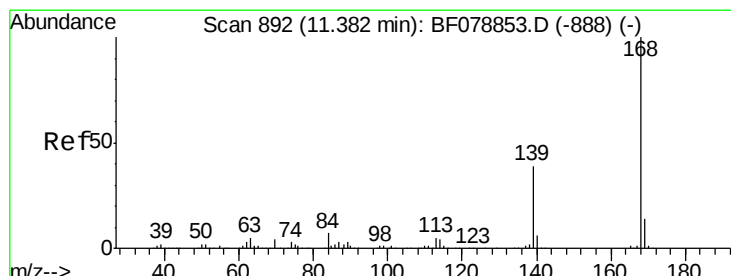
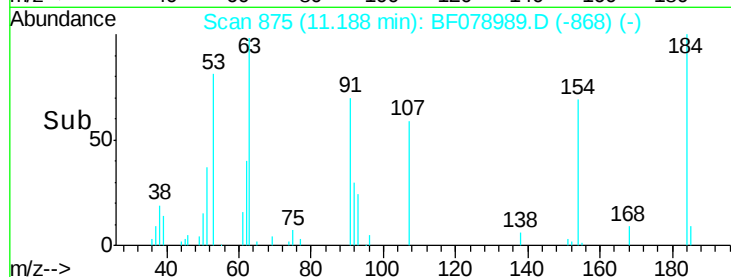
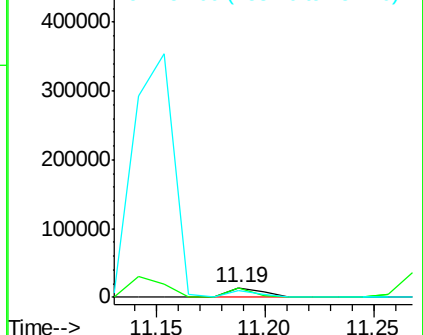
#53
2,4-Dinitrophenol
Concen: 24.66 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 16400
Ion Ratio Lower Upper
184 100
63 100.6 63.3 94.9#
154 74.7 53.8 80.6

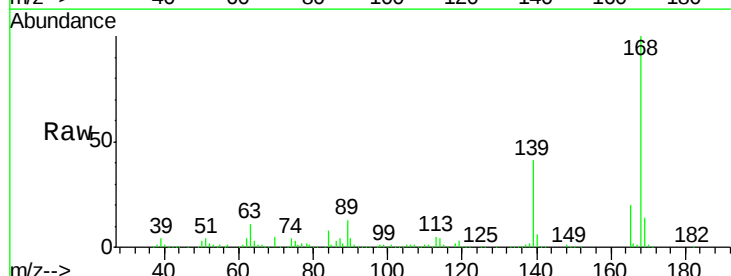


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

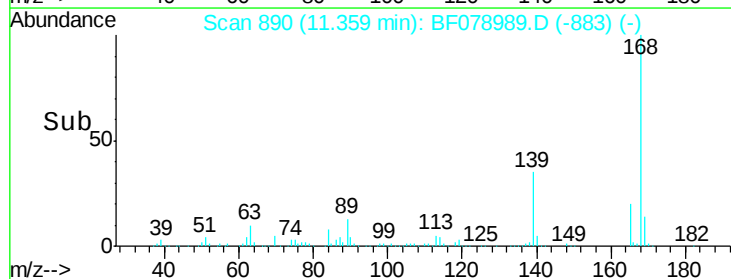
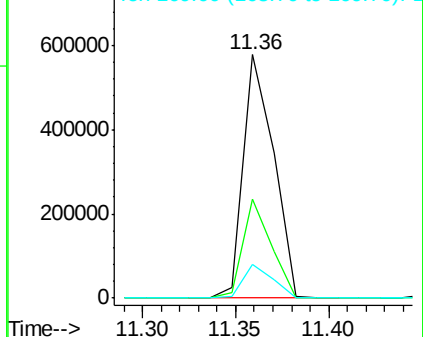


#54
Dibenzofuran
Concen: 35.90 ng
RT: 11.36 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion:168 Resp: 653075
Ion Ratio Lower Upper
168 100
139 40.7 31.0 46.4
169 14.0 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

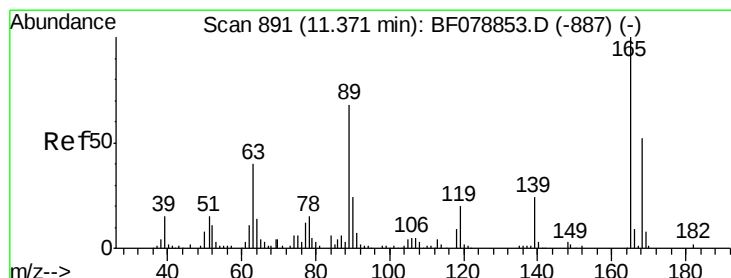
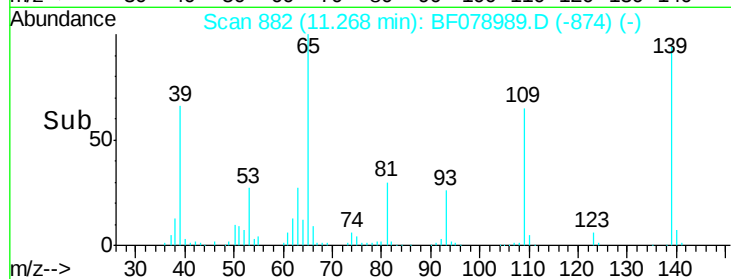
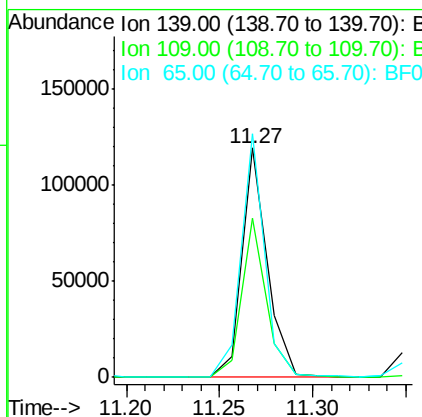
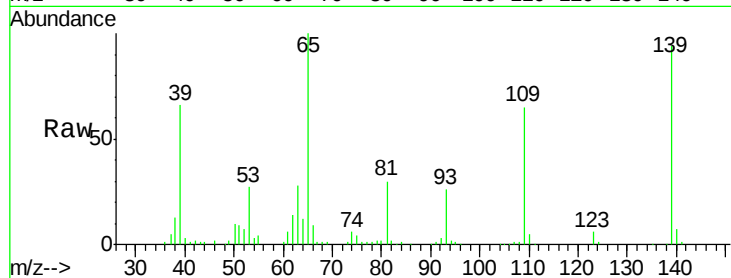




#55
4-Nitrophenol
Concen: 38.23 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

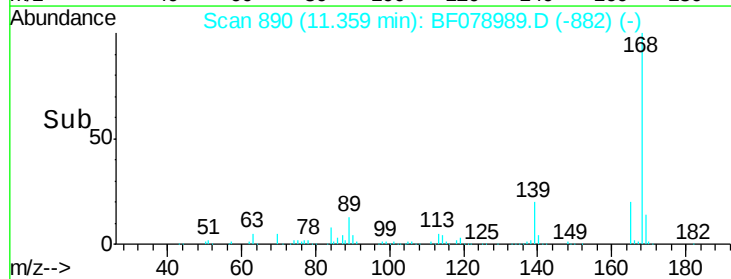
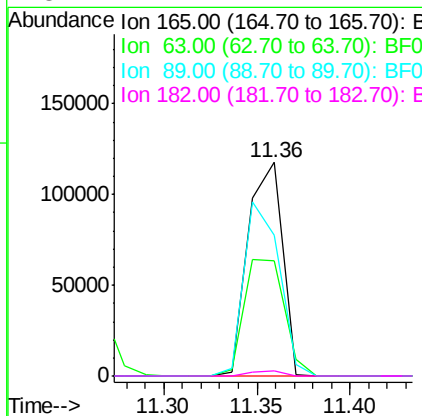
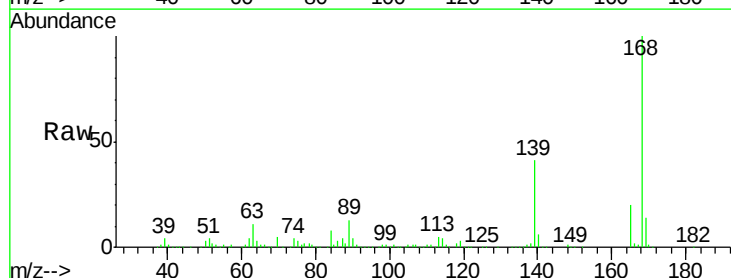
Instrument :
BNA_F
ClientSampleId :

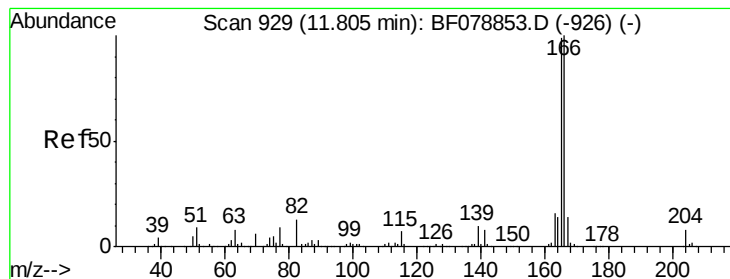
Tot Ion:139 Resp: 113549
Ion Ratio Lower Upper
139 100
109 69.4 47.6 87.6
65 106.2 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 37.82 ng
RT: 11.36 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion:165 Resp: 150199
Ion Ratio Lower Upper
165 100
63 53.8 51.2 76.8
89 66.0 82.7 124.1#
182 2.2 1.4 2.2#





#57

Fluorene

Concen: 36.50 ng

RT: 11.79 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

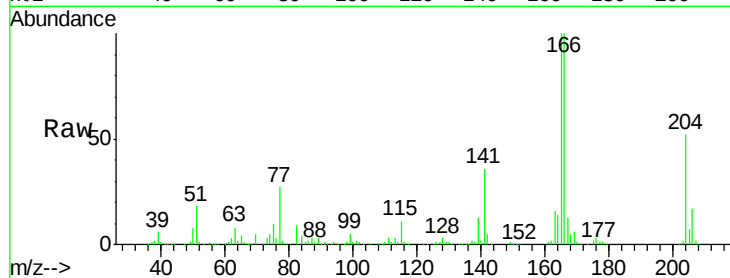
Tot Ion:166 Resp: 545058

Ion Ratio Lower Upper

166 100

165 100.4 78.5 117.7

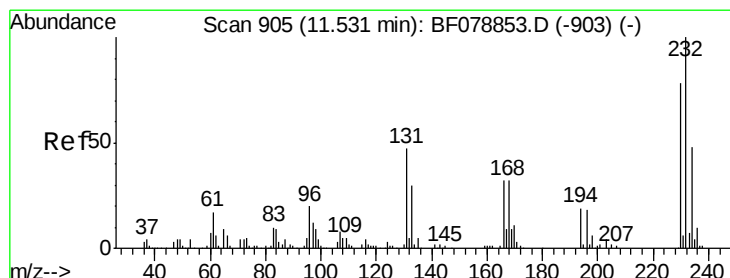
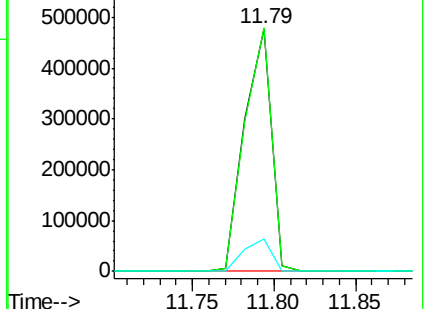
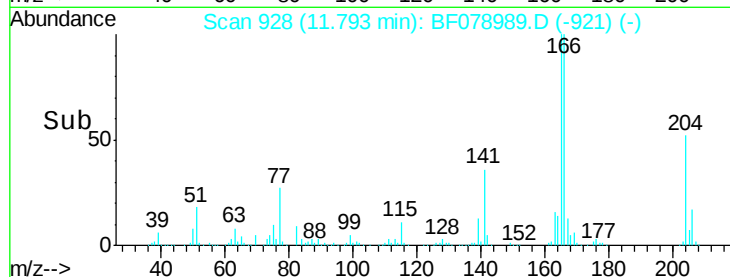
167 13.4 11.0 16.6



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: 37.97 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Tgt Ion:232 Resp: 125975

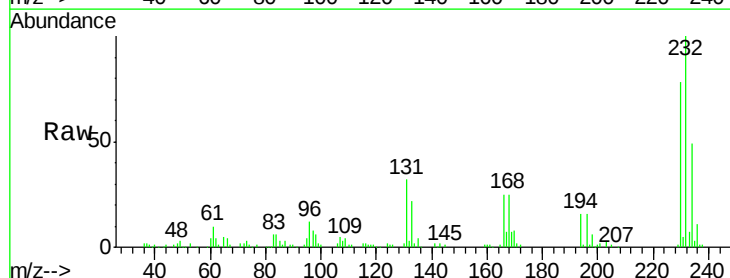
Ion Ratio Lower Upper

232 100

131 50.4 0.0 0.0#

130 2.5 0.0 0.0#

166 32.6 0.0 0.0#

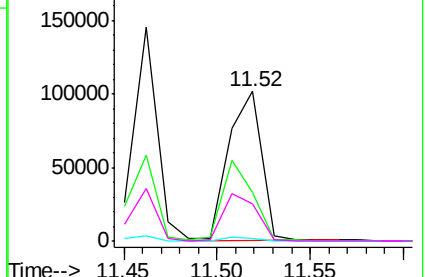
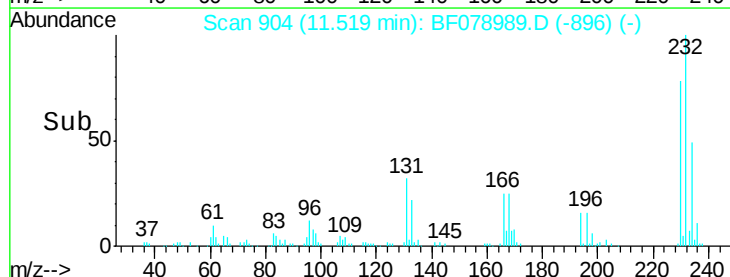


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.44 ng

RT: 11.67 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

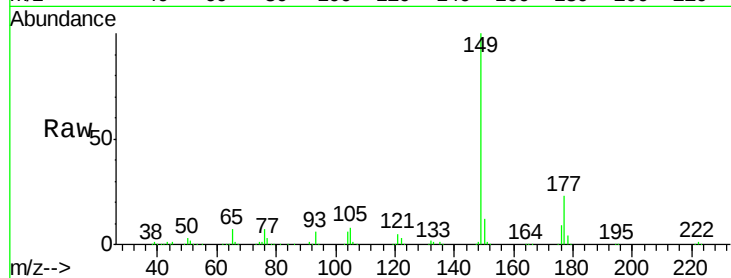
Tot Ion:149 Resp: 549653

Ion Ratio Lower Upper

149 100

177 23.4 17.5 26.3

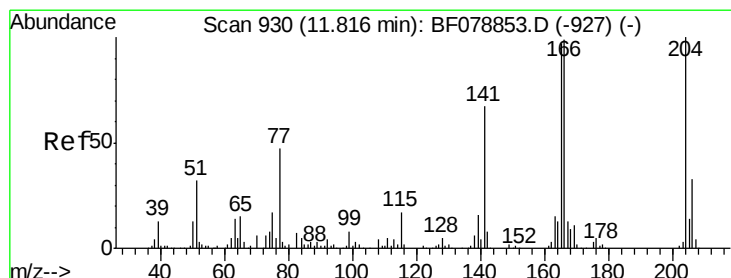
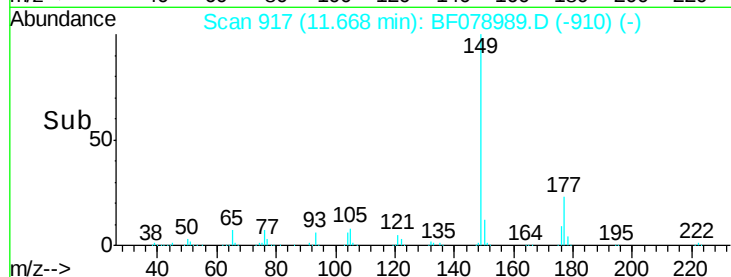
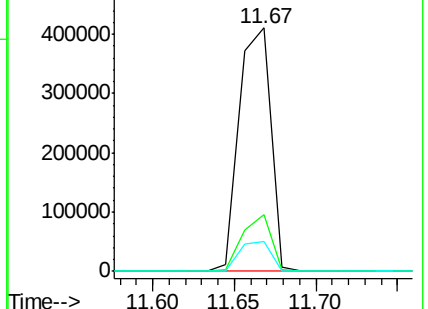
150 12.0 9.6 14.4



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: 34.96 ng

RT: 11.79 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

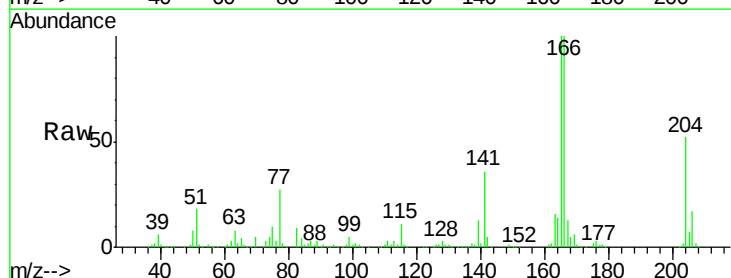
Tgt Ion:204 Resp: 231603

Ion Ratio Lower Upper

204 100

206 32.4 26.9 40.3

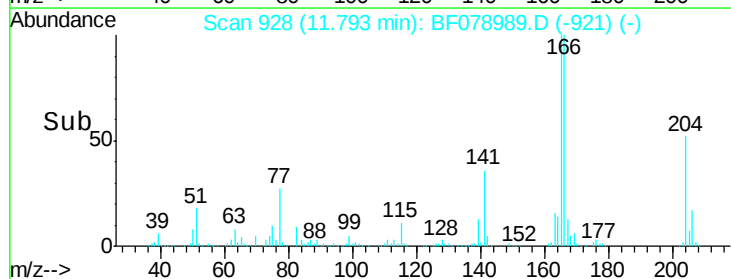
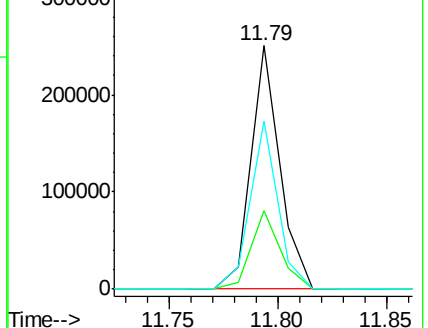
141 69.0 48.3 72.5

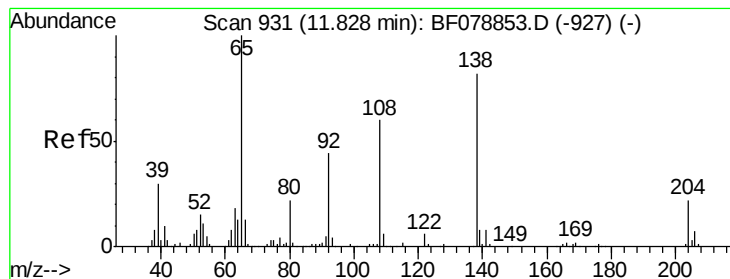


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.70 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

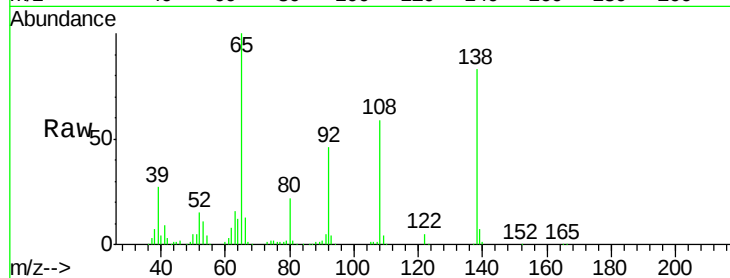
Tot Ion:138 Resp: 152807

Ion Ratio Lower Upper

138 100

92 54.7 28.0 68.0

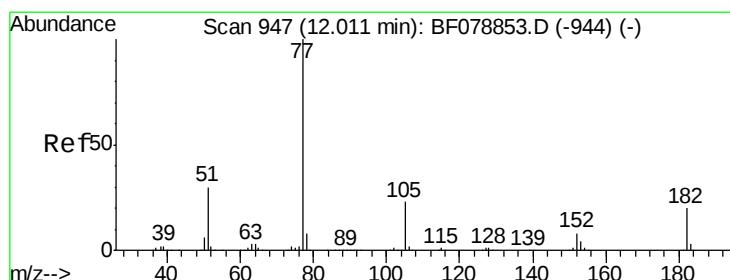
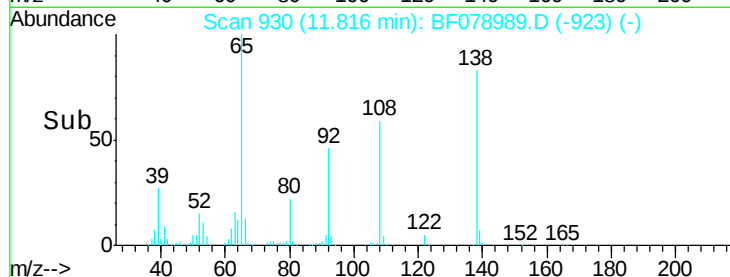
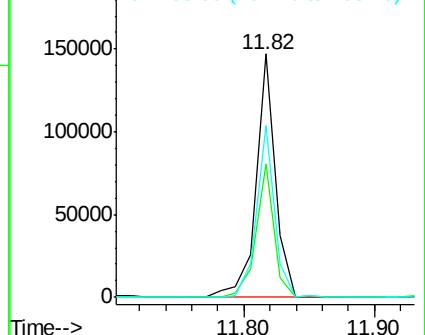
108 70.4 56.3 96.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.50 ng

RT: 11.99 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Tgt Ion: 77 Resp: 527517

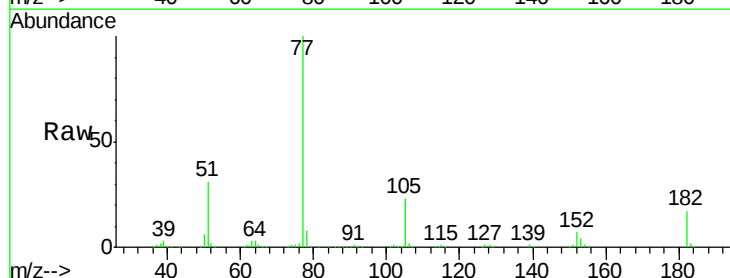
Ion Ratio Lower Upper

77 100

182 17.2 3.8 43.8

105 22.9 3.9 43.9

51 30.9 10.8 50.8

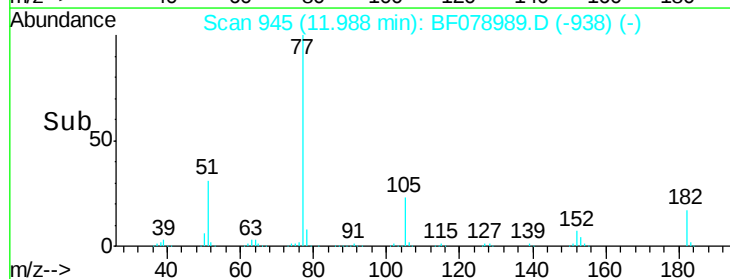
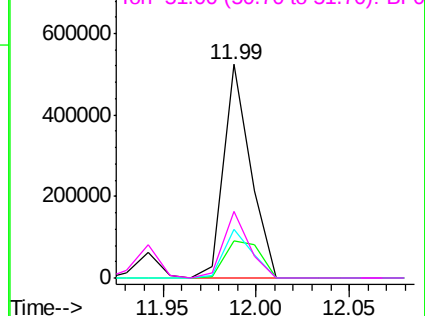


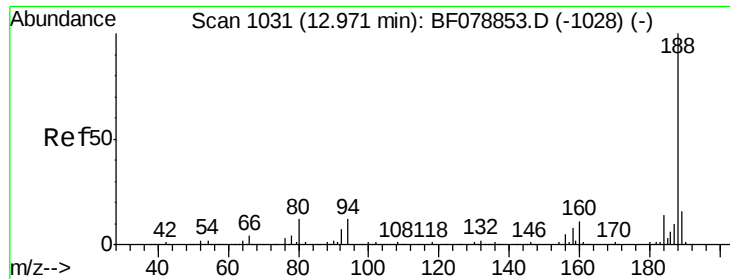
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

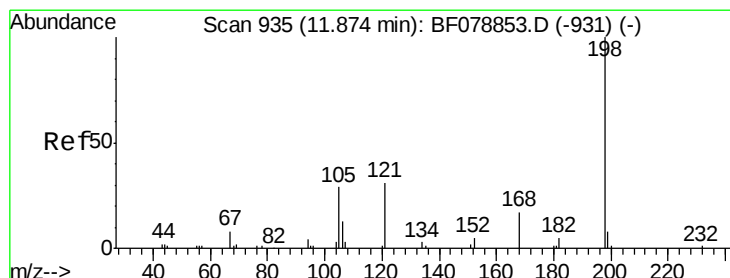
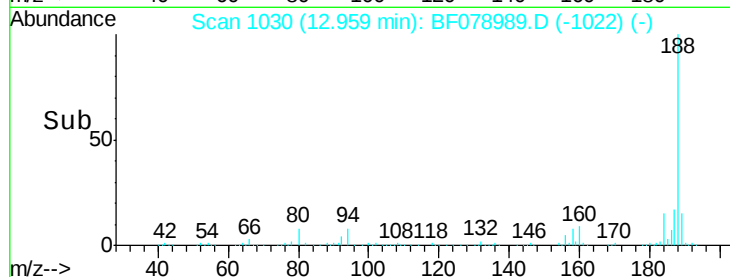
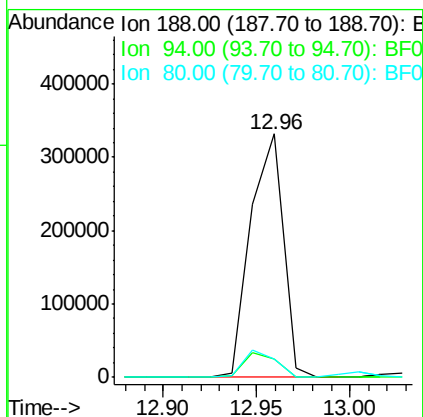
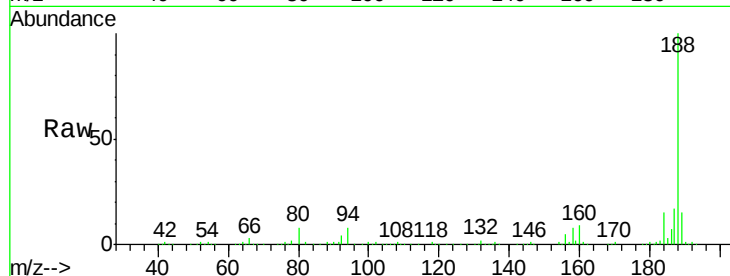




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

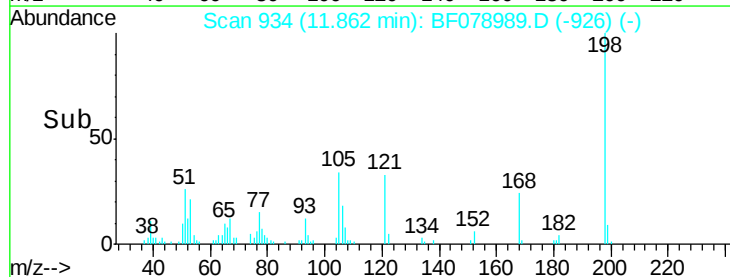
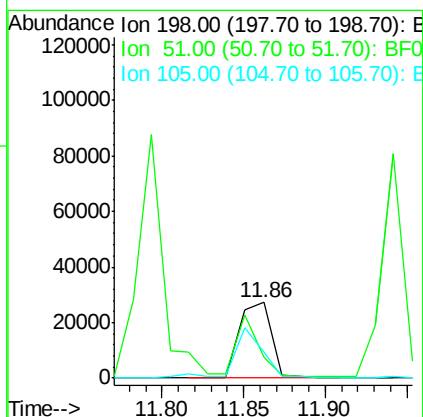
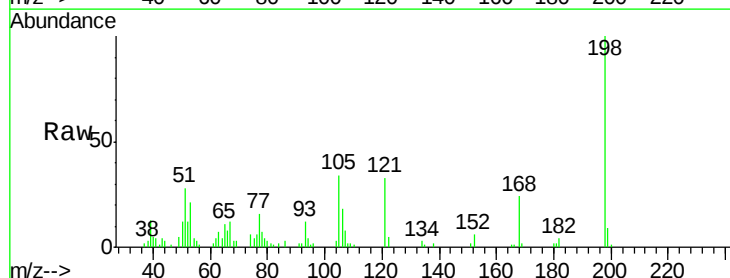
Instrument :
BNA_F
ClientSampleId :

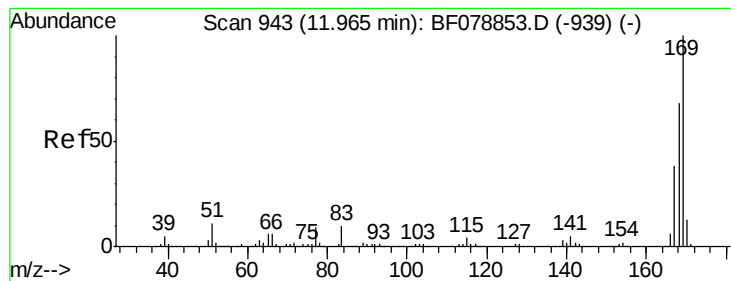
Tot Ion:188 Resp: 402854
Ion Ratio Lower Upper
188 100
94 7.7 8.2 12.2#
80 7.6 8.9 13.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 26.95 ng
RT: 11.86 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion:198 Resp: 36991
Ion Ratio Lower Upper
198 100
51 28.4 47.3 87.3#
105 33.8 38.8 78.8#

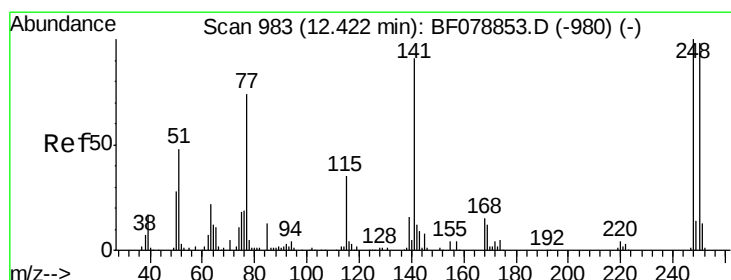
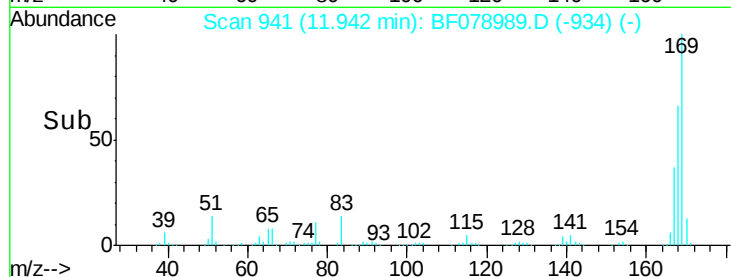
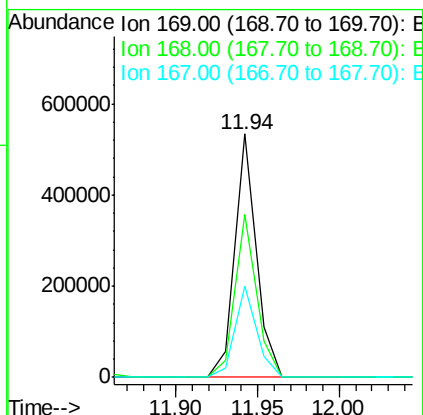
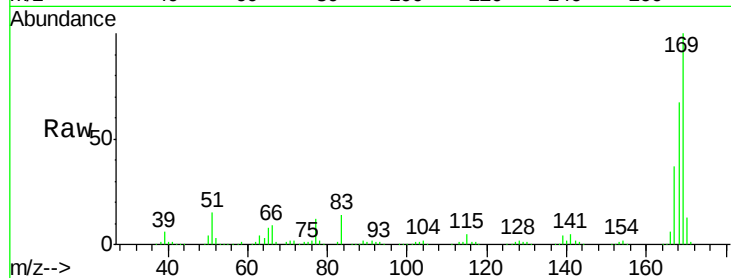




#65
 n-Nitrosodiphenylamine
 Concen: 35.85 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

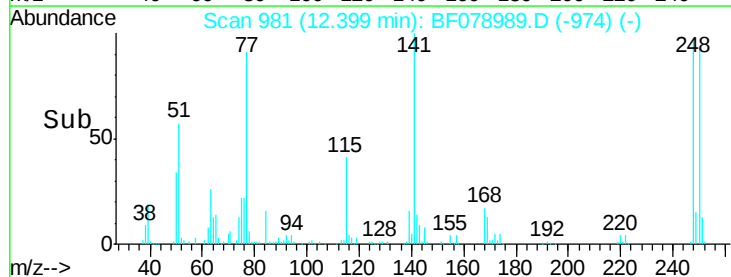
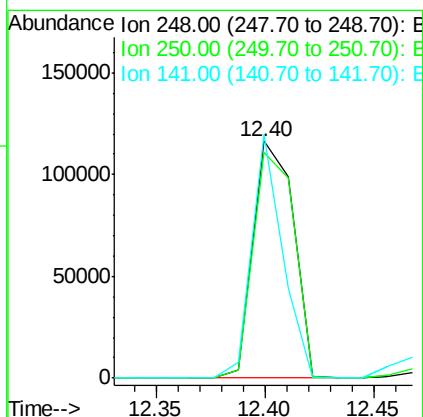
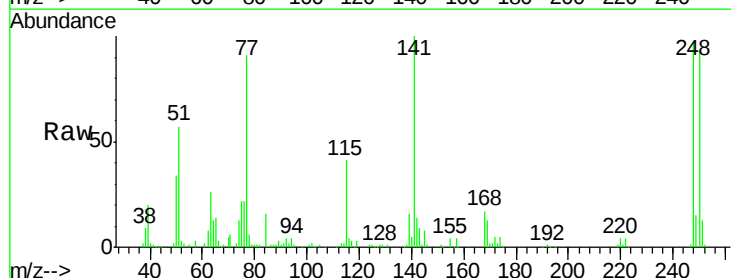
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 480969
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.6 82.0
 167 37.4 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 36.00 ng
 RT: 12.40 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Tgt Ion:248 Resp: 151148
 Ion Ratio Lower Upper
 248 100
 250 95.1 77.1 115.7
 141 102.7 58.8 88.2#

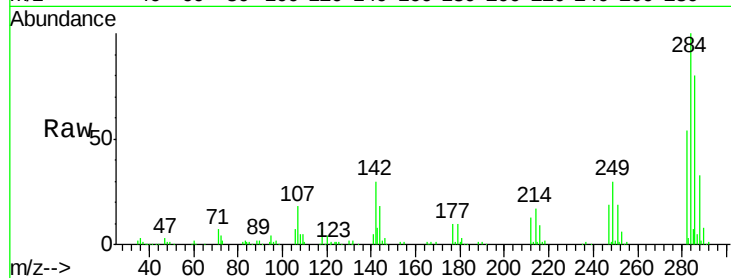




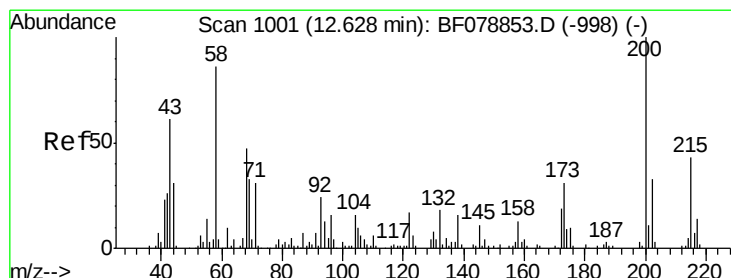
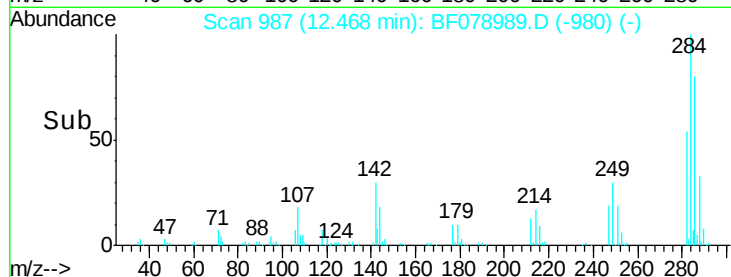
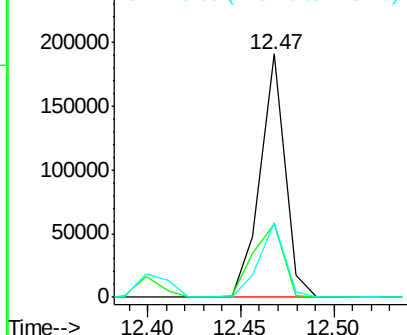
#67
Hexachlorobenzene
Concen: 36.60 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 175669
Ion Ratio Lower Upper
284 100
142 30.4 35.2 52.8#
249 30.5 25.4 38.2

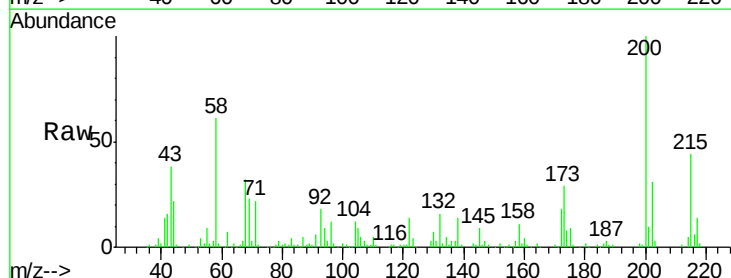


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

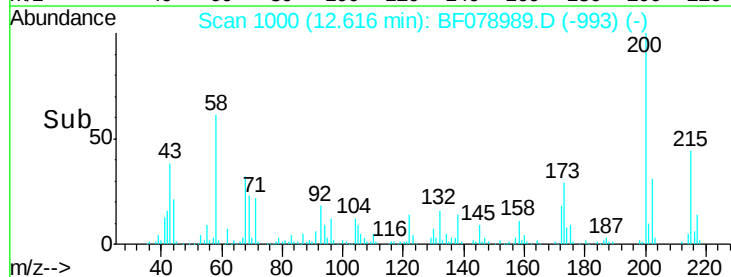
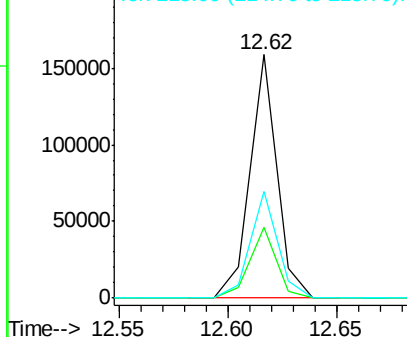


#68
Atrazine
Concen: 34.90 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion:200 Resp: 136163
Ion Ratio Lower Upper
200 100
173 29.1 8.1 48.1
215 43.7 22.9 62.9



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

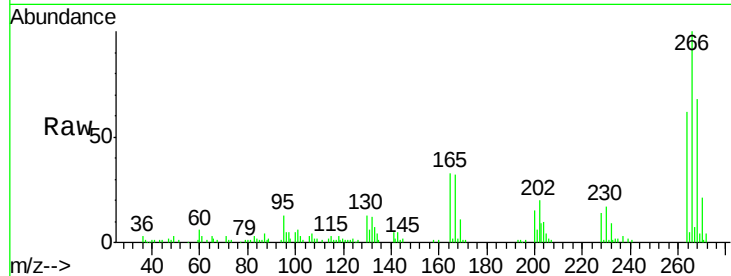




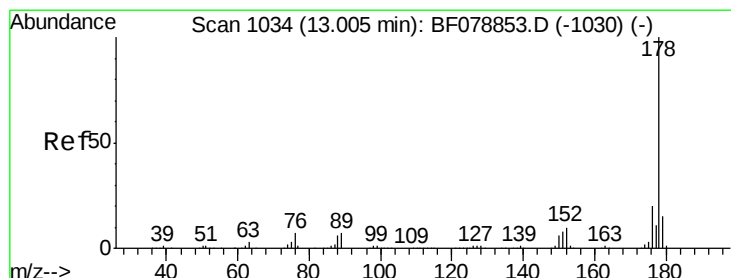
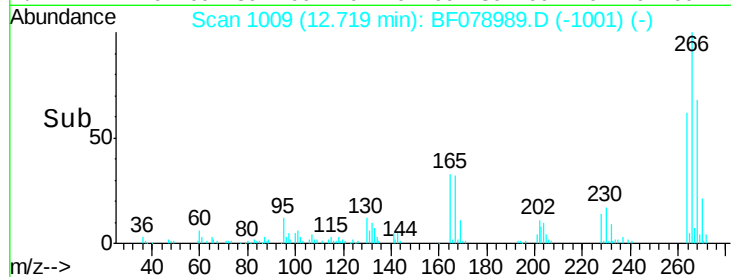
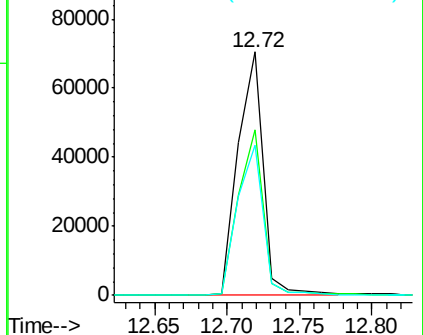
#69
 Pentachlorophenol
 Concen: 34.58 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 85176
 Ion Ratio Lower Upper
 266 100
 268 68.1 55.0 82.6
 264 61.8 48.2 72.2

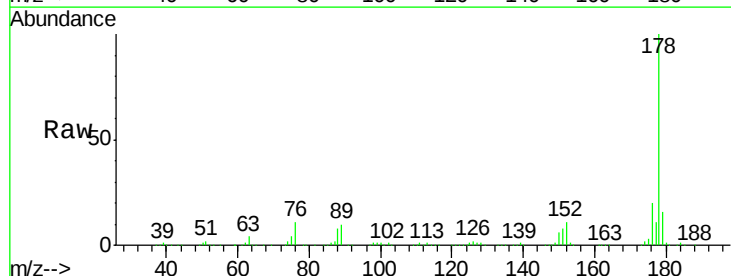


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

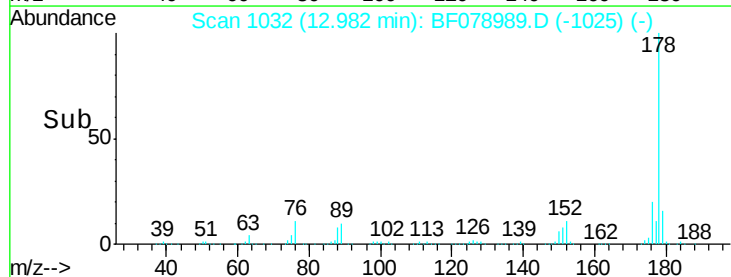
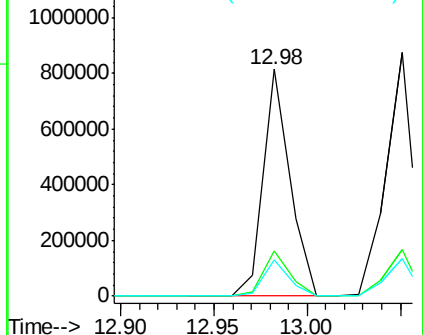


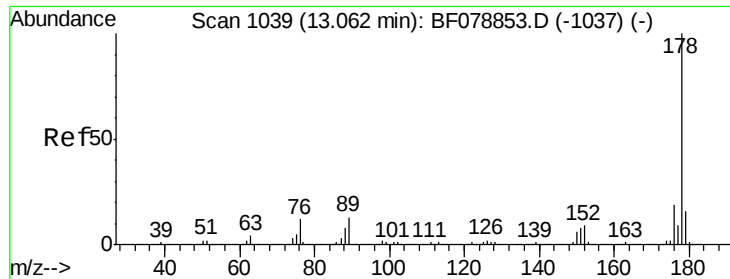
#70
 Phenanthrene
 Concen: 35.55 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Tgt Ion:178 Resp: 801217
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 16.3 12.5 18.7



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

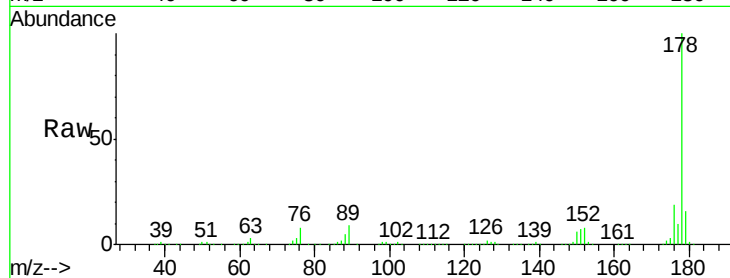




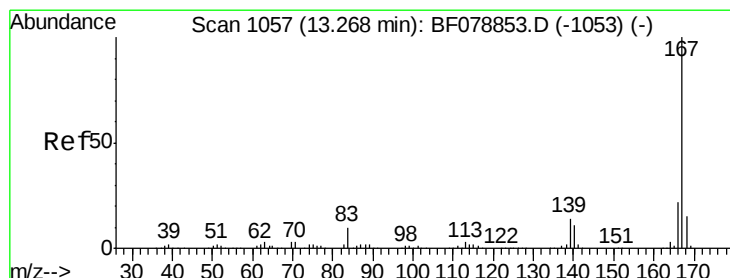
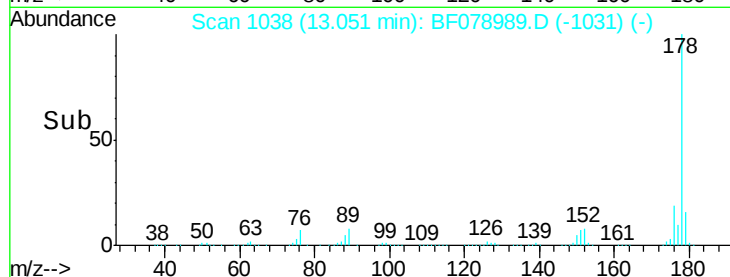
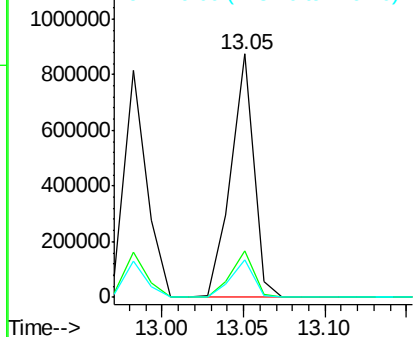
#71
 Anthracene
 Concen: 38.26 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:178 Resp: 846014
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.6 12.7 19.1

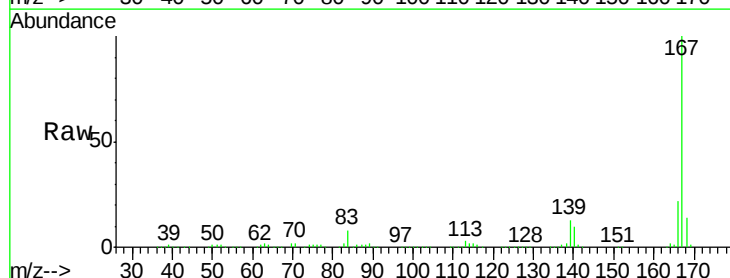


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

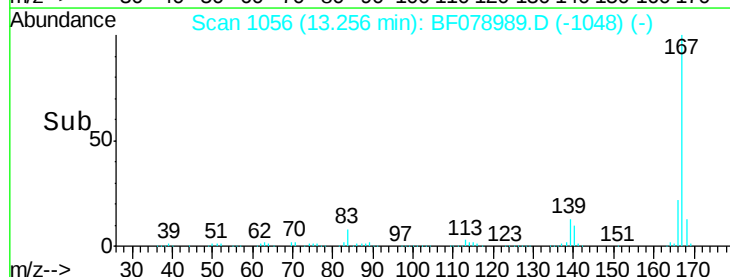
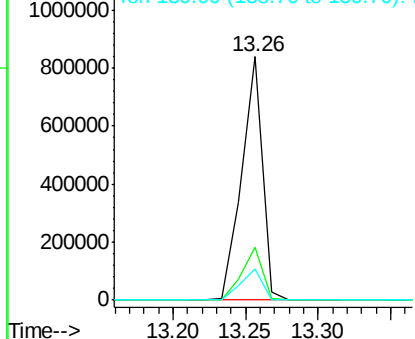


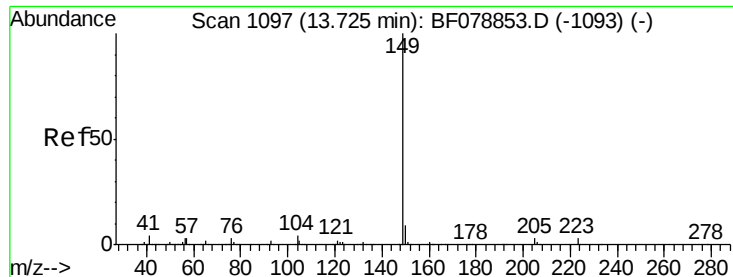
#72
 Carbazole
 Concen: 39.54 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Tgt Ion:167 Resp: 833180
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 13.0 10.6 16.0



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





#73

Di-n-butylphthalate

Concen: 37.28 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

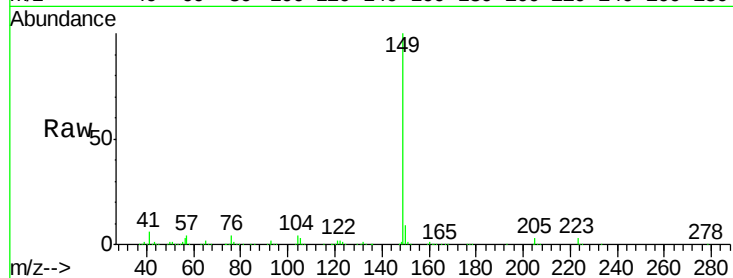
Tot Ion:149 Resp: 942064

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

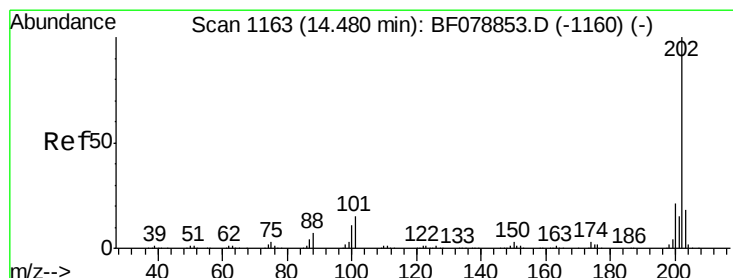
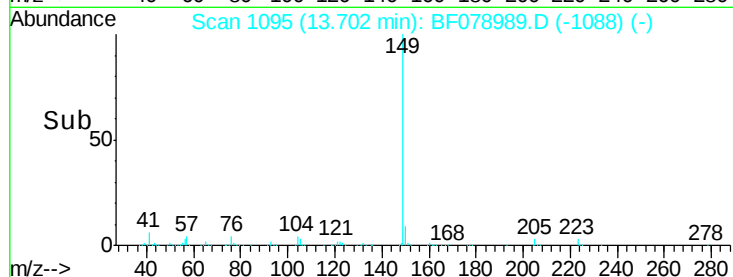
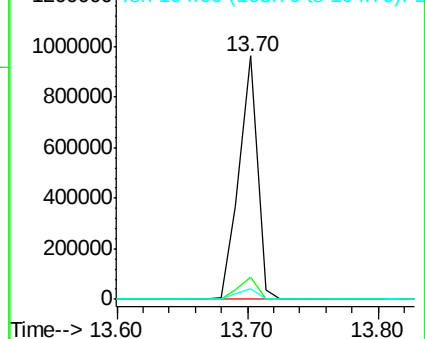
104 4.3 4.6 7.0#



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: 39.39 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

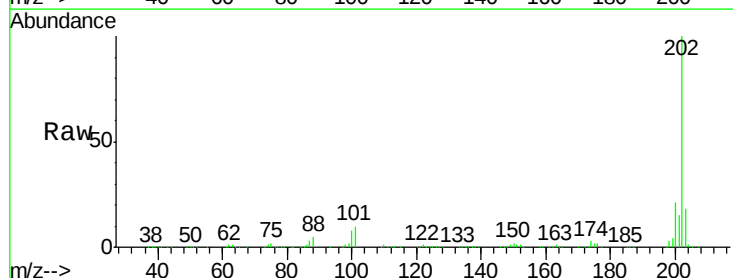
Tgt Ion:202 Resp: 925062

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.6

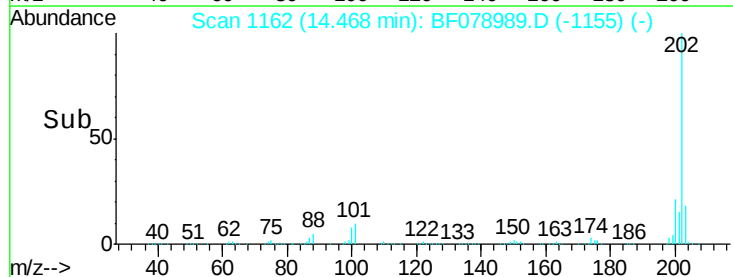
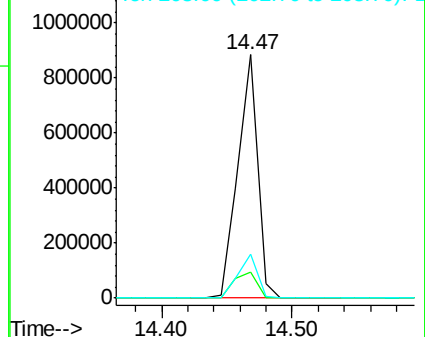
203 17.9 0.0 38.4

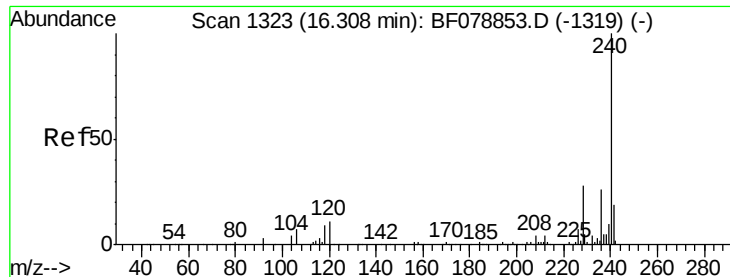


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

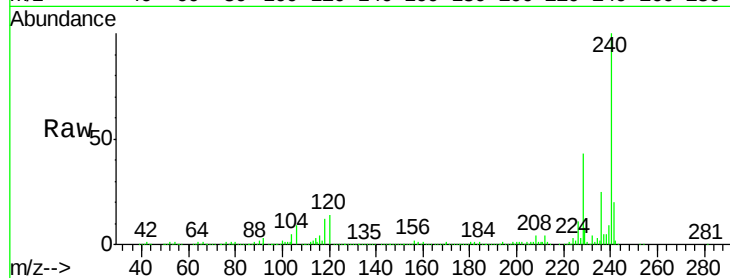
Tot Ion:240 Resp: 430152

Ion Ratio Lower Upper

240 100

120 13.8 9.7 14.5

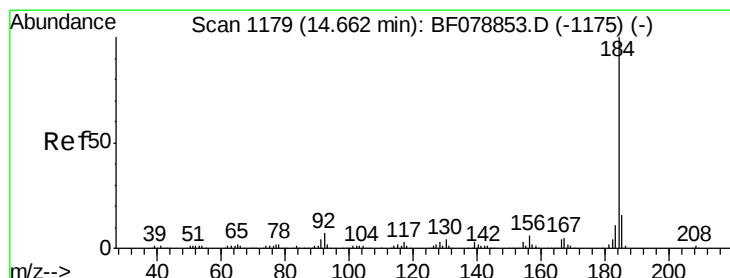
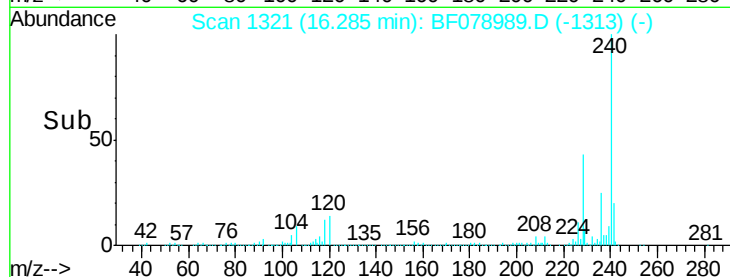
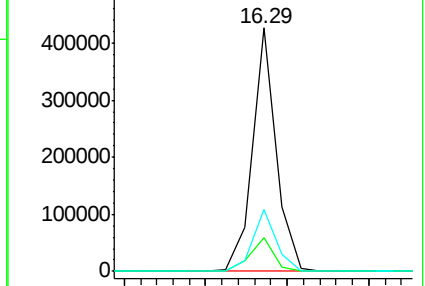
236 25.5 20.2 30.4



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: 46.28 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

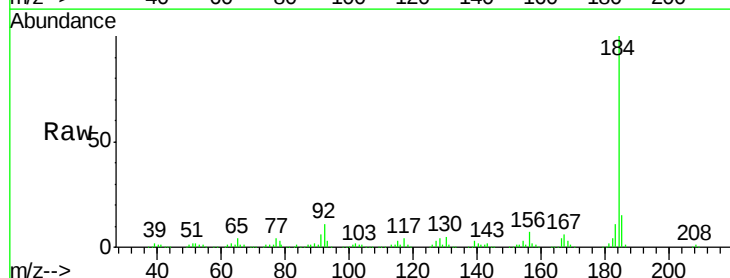
Tgt Ion:184 Resp: 536493

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

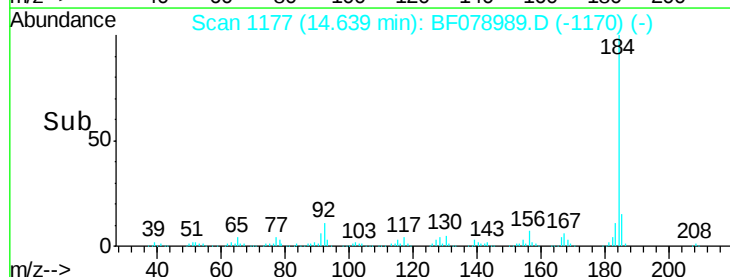
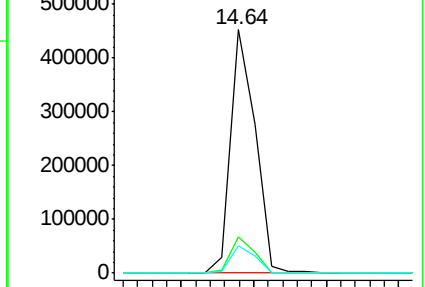
183 11.4 8.4 12.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.47 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampled :

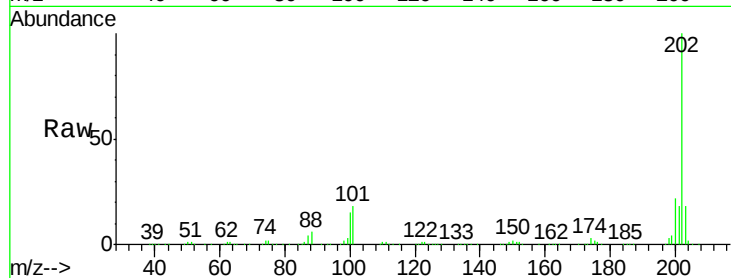
Tot Ion:202 Resp: 953473

Ion Ratio Lower Upper

202 100

200 21.9 17.5 26.3

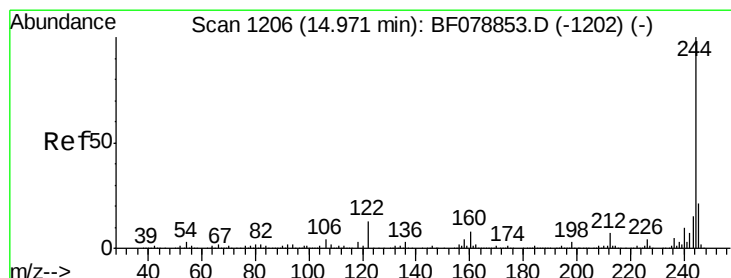
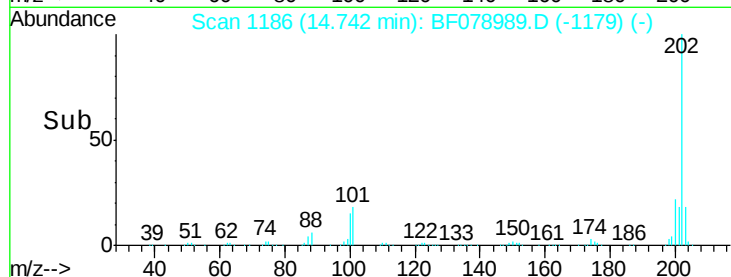
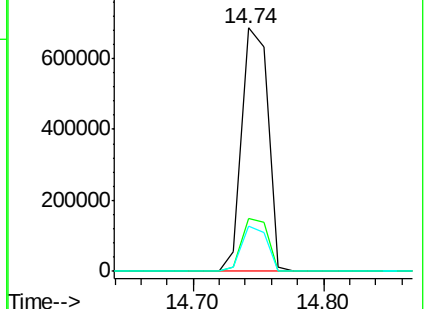
203 18.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.20 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

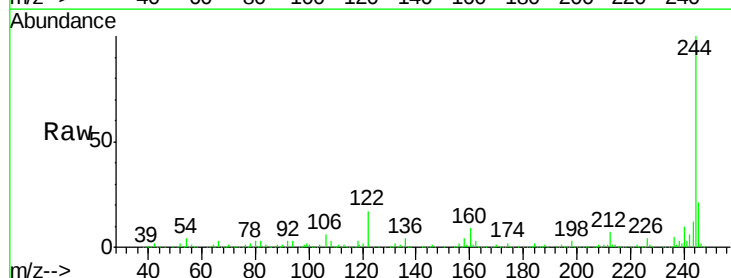
Tgt Ion:244 Resp: 1261267

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

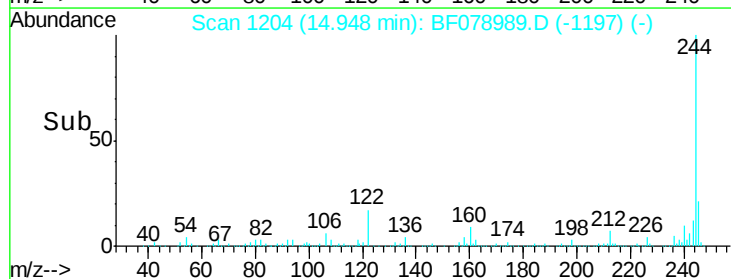
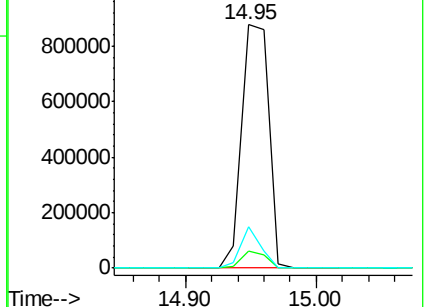
122 16.8 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

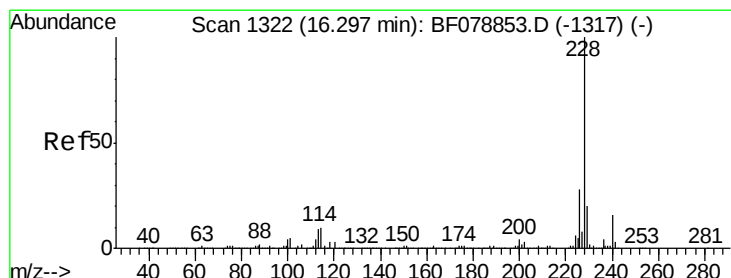
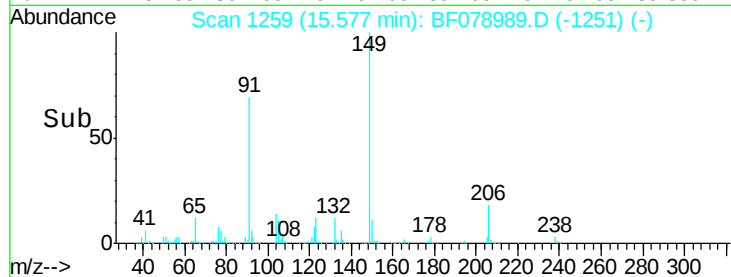
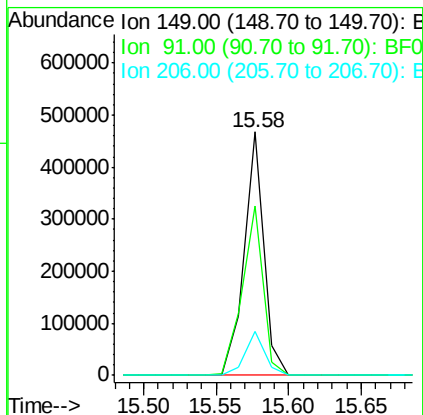
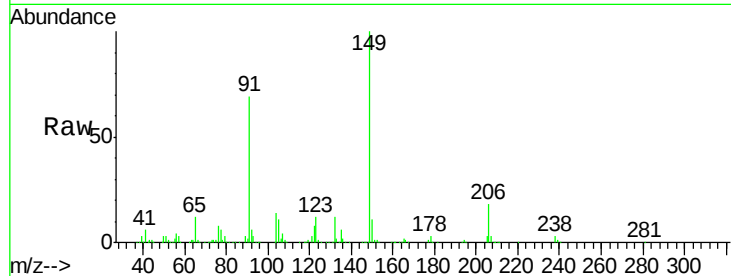




#79
Butylbenzylphthalate
Concen: 40.50 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

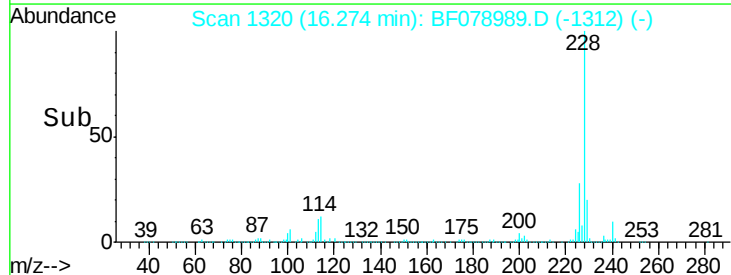
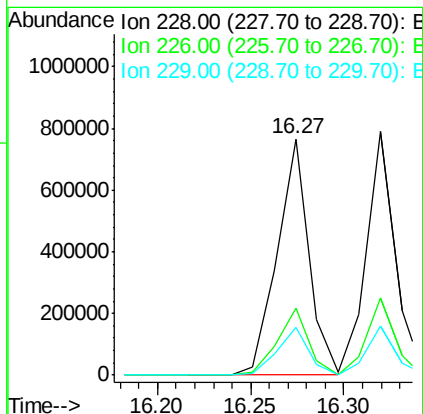
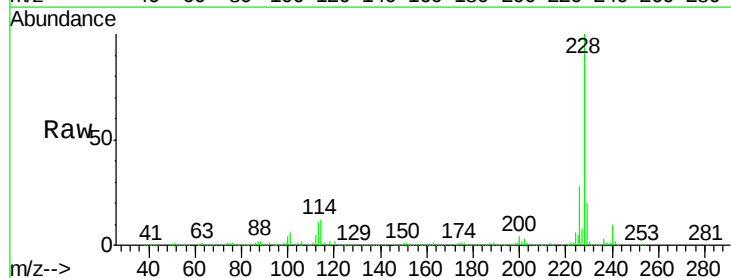
Instrument :
BNA_F
ClientSampleId :

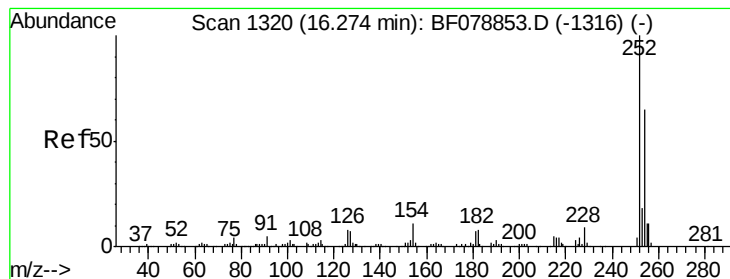
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.4	64.6	97.0
206	18.3	12.2	18.4



#80
Benzo(a)anthracene
Concen: 38.54 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF078989.D
Acq: 7 May 2015 10:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.2	15.9	23.9





#81

3,3'-Dichlorobenzidine

Concen: 43.48 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

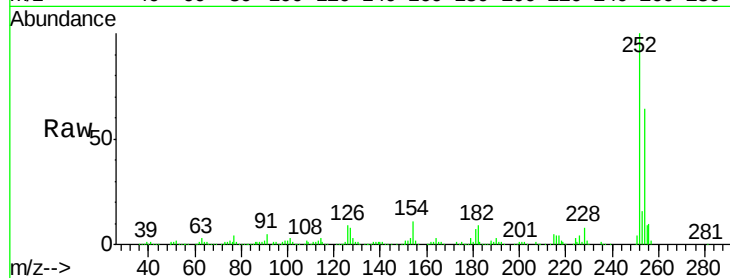
Tot Ion:252 Resp: 364820

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

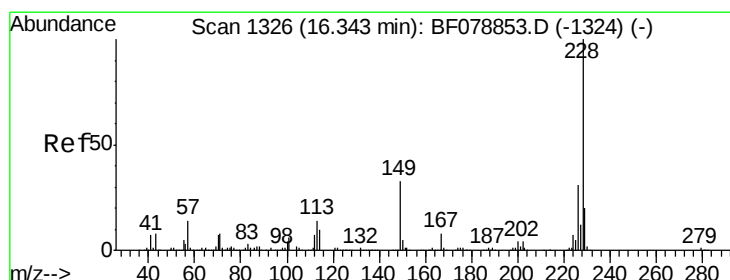
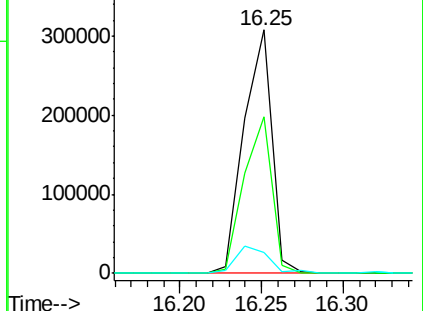
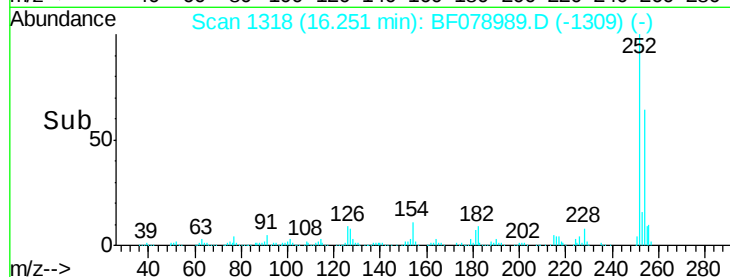
126 8.6 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.40 ng

RT: 16.32 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

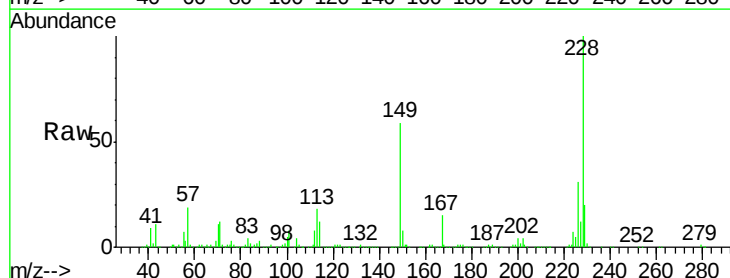
Tgt Ion:228 Resp: 824735

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

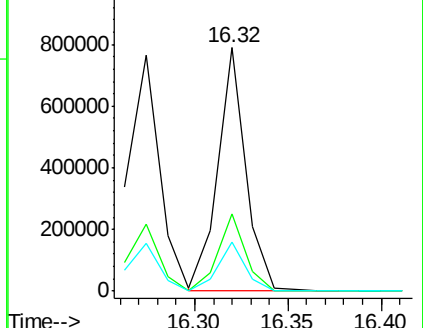
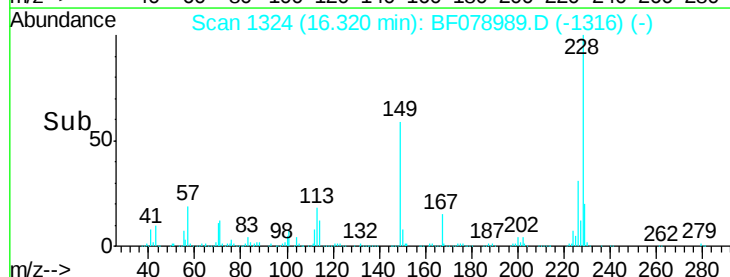
229 20.4 16.0 24.0

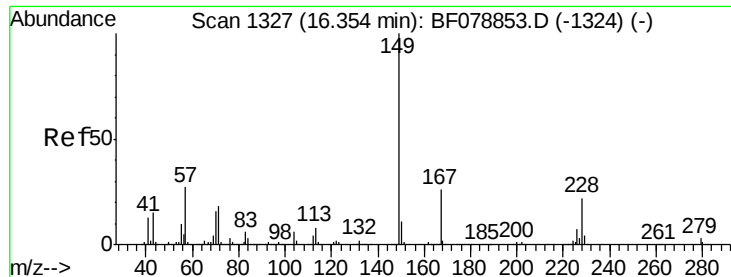


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.38 ng

RT: 16.32 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

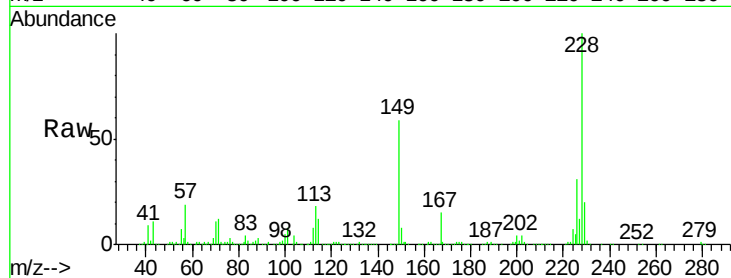
Tot Ion:149 Resp: 564279

Ion Ratio Lower Upper

149 100

167 25.4 21.8 32.8

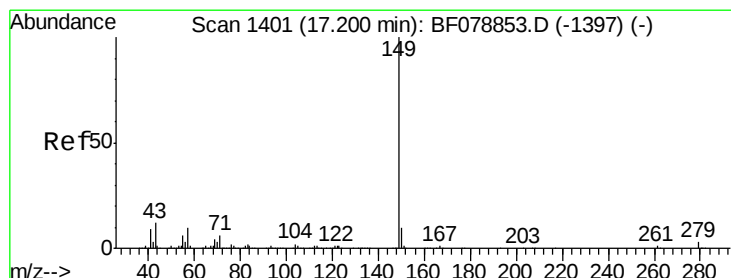
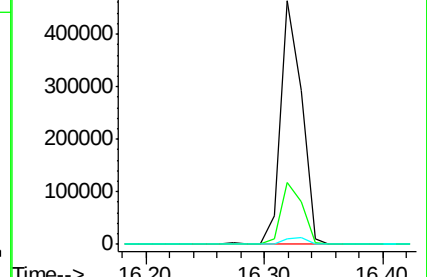
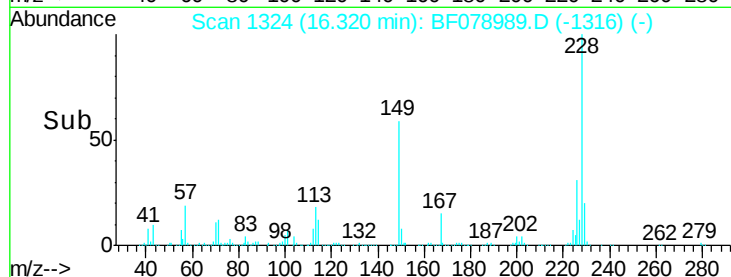
279 2.4 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.91 ng

RT: 17.17 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

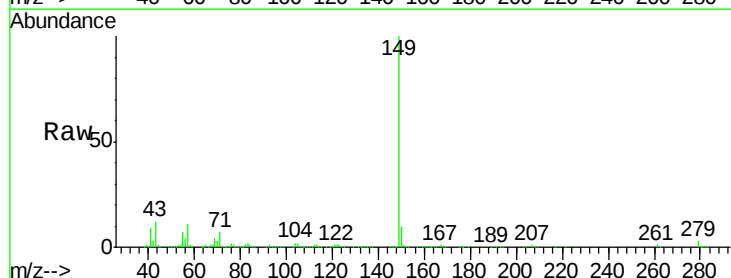
Tgt Ion:149 Resp: 1037928

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

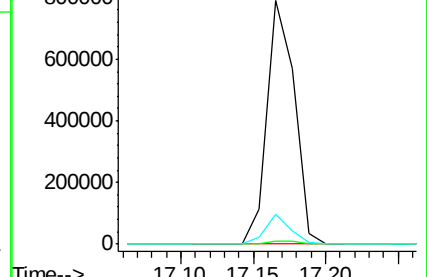
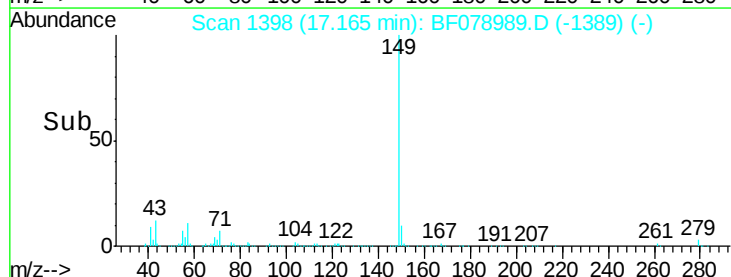
43 10.7 0.0 0.0#

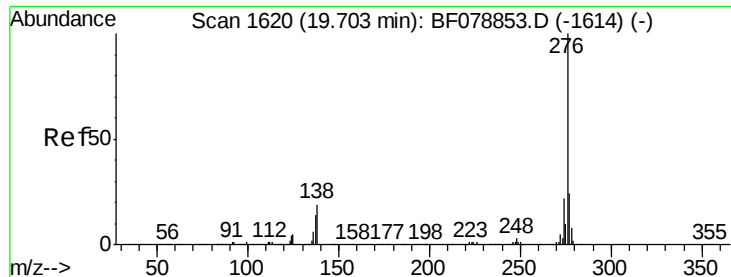


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.89 ng

RT: 19.66 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampled :

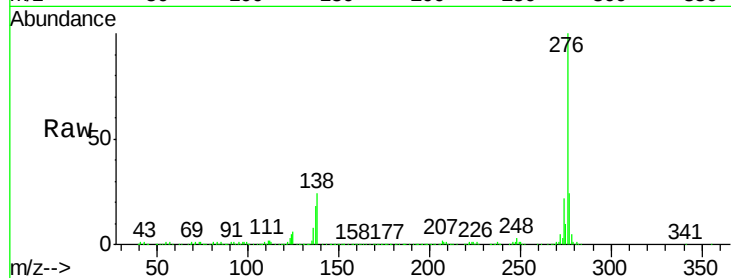
Tot Ion:276 Resp: 1093779

Ion Ratio Lower Upper

276 100

138 27.9 0.0 0.0#

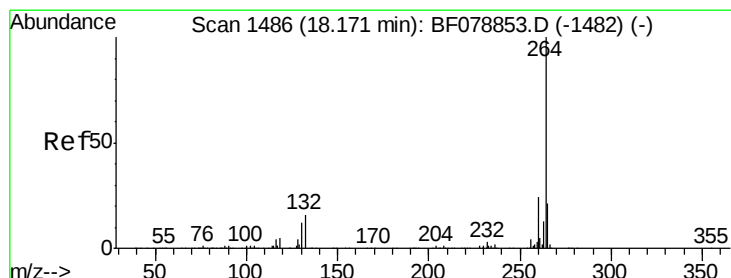
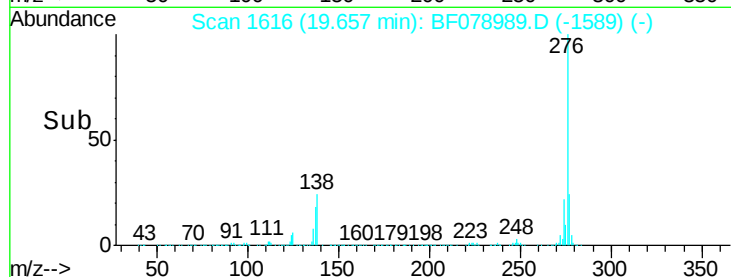
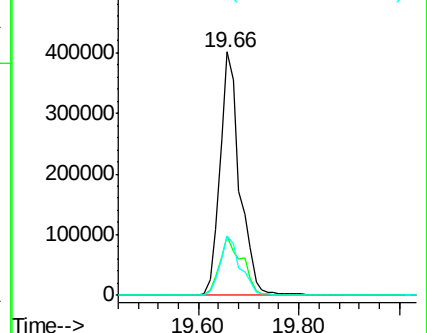
277 25.1 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.14 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

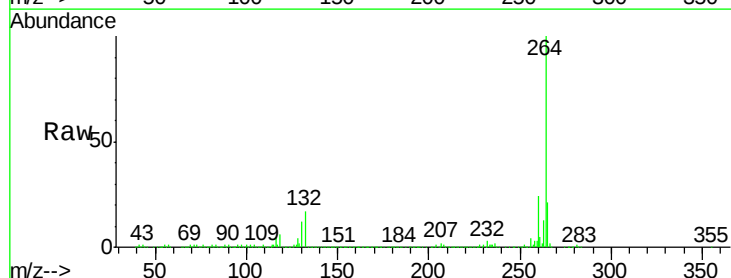
Tgt Ion:264 Resp: 466379

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

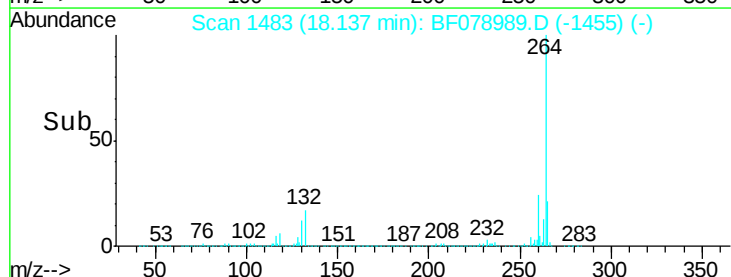
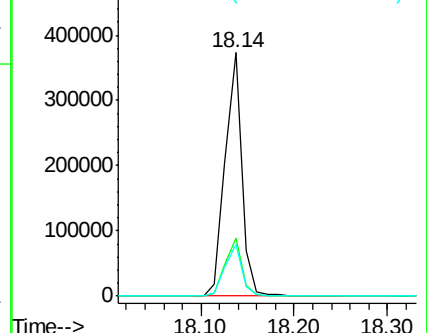
265 21.3 18.3 27.5

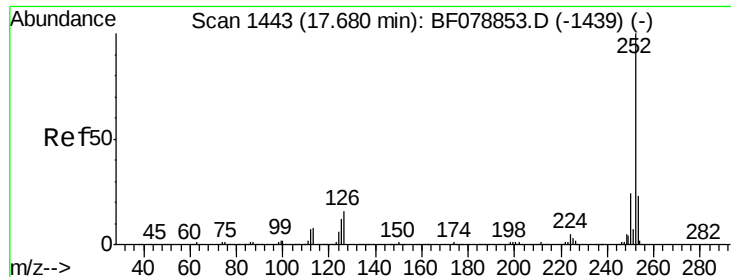


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.10 ng

RT: 17.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

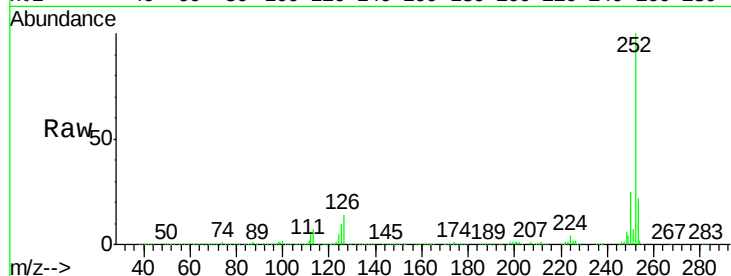
Tot Ion:252 Resp: 921537

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

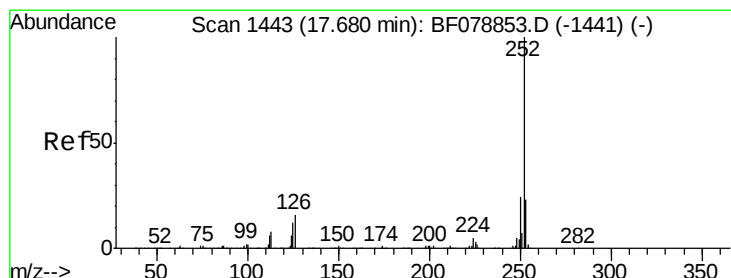
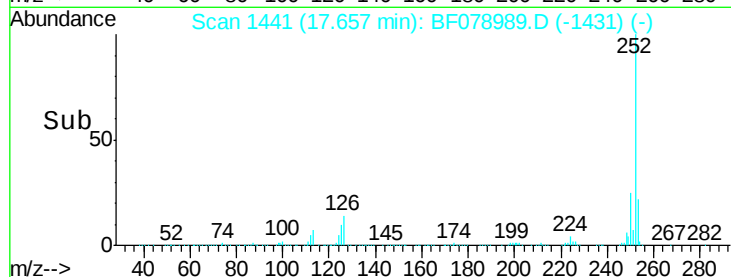
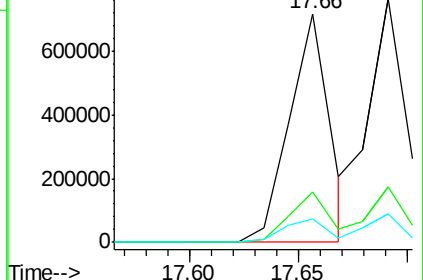
125 10.2 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.04 ng

RT: 17.69 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

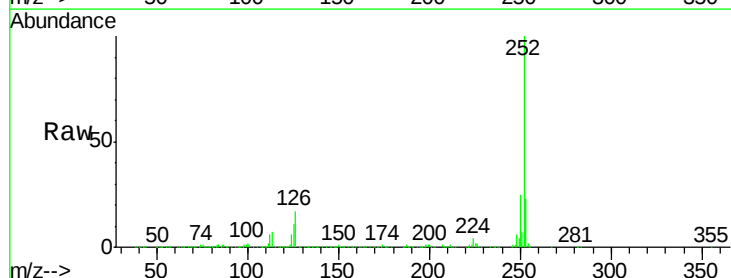
Tgt Ion:252 Resp: 717776

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

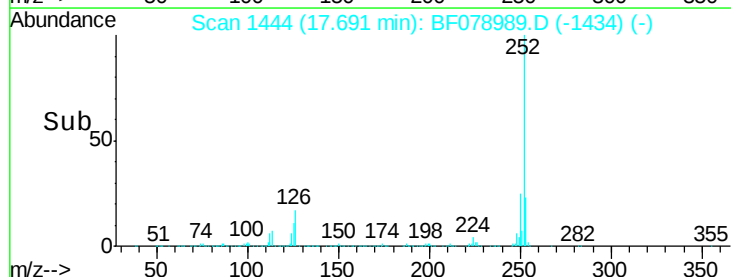
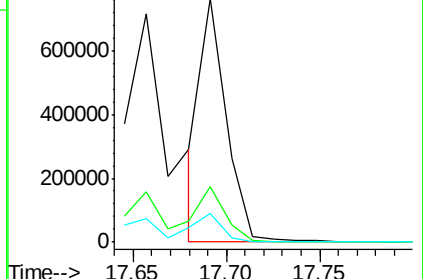
125 11.5 10.0 15.0

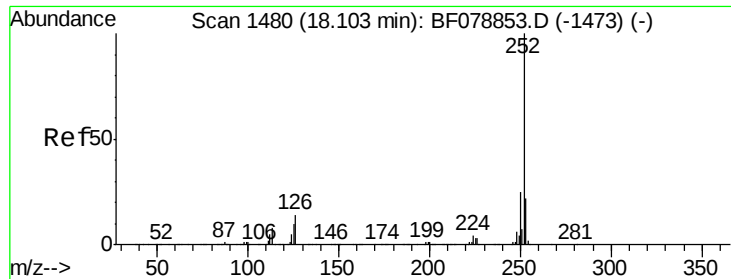


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.68 ng

RT: 18.07 min Scan# 1477

Delta R.T. 0.02 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

Instrument :

BNA_F

ClientSampleId :

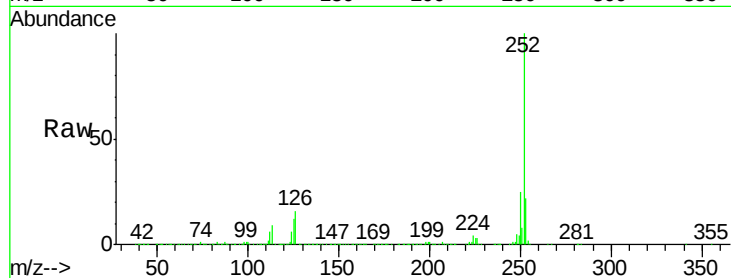
Tot Ion:252 Resp: 885647

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

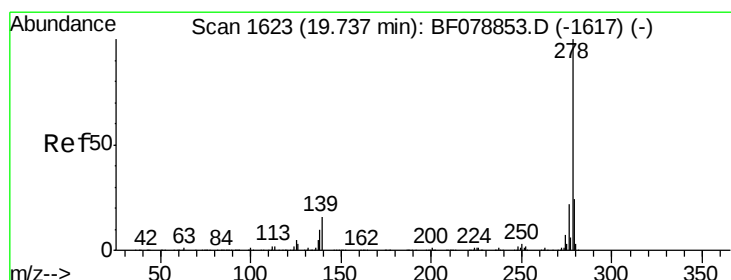
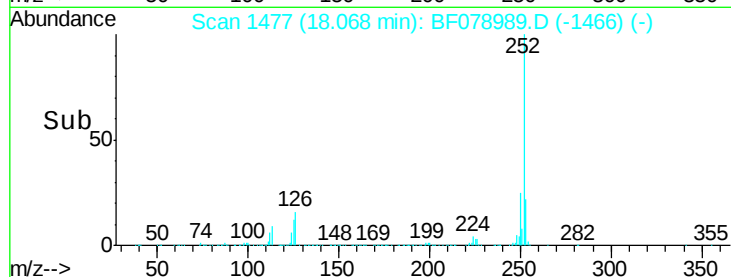
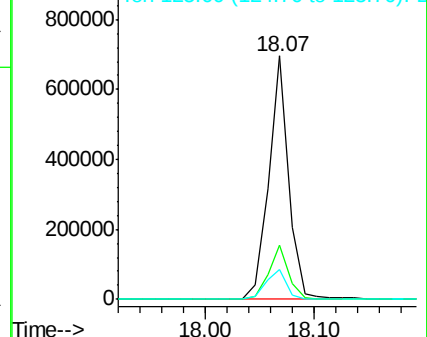
125 12.1 7.0 10.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.39 ng

RT: 19.69 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF078989.D

Acq: 7 May 2015 10:00

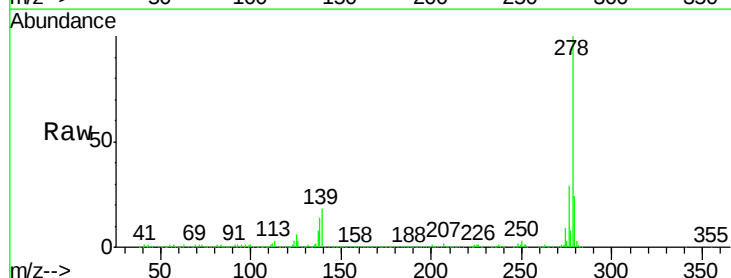
Tgt Ion:278 Resp: 884096

Ion Ratio Lower Upper

278 100

139 18.4 12.8 19.2

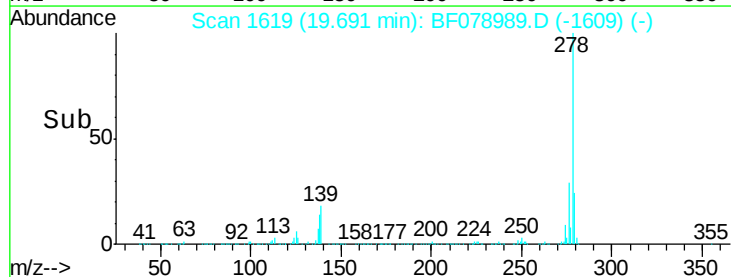
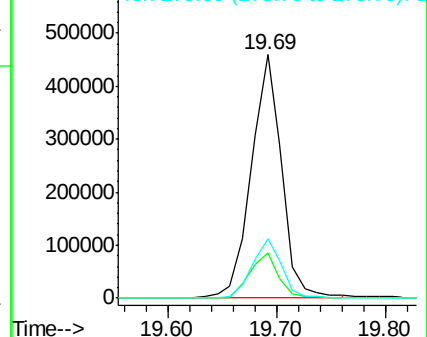
279 24.3 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 34.48 ng
 RT: 20.11 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BF078989.D
 Acq: 7 May 2015 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 863324
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.6 28.0
 138 21.6 17.4 26.0

