

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
 Data File : BF078084.D
 Acq On : 30 Mar 2015 16:28
 Operator : TP/IZ
 Sample : PB82403BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 00:39:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 01:02:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	33238	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	137809	20.00	ng	0.00
38) Acenaphthene-d10	10.81	164	65363	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	133700	20.00	ng	0.00
75) Chrysene-d12	15.94	240	141352	20.00	ng	0.00
86) Perylene-d12	17.71	264	138614	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	262233	137.71	ng	0.01
7) Phenol-d6	6.65	99	318117	135.22	ng	0.00
23) Nitrobenzene-d5	7.76	82	178752	85.03	ng	0.00
41) 2,4,6-Tribromophenol	11.79	330	80721	129.08	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	400880	90.13	ng	0.00
78) Terphenyl-d14	14.65	244	478772	82.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.93	88	33107	38.29	ng	# 100
3) Pyridine	2.58	79	100903	43.44	ng	99
4) n-Nitrosodimethylamine	2.52	42	35190	34.79	ng	96
6) Aniline	6.65	93	66428	19.74	ng	# 72
8) 2-Chlorophenol	6.80	128	105097	46.37	ng	99
9) Benzaldehyde	6.51	77	3017	3.13	ng	97
10) Phenol	6.67	94	127837	45.97	ng	# 69
11) bis(2-Chloroethyl)ether	6.76	93	97068	46.60	ng	98
12) 1,3-Dichlorobenzene	6.98	146	107977	42.83	ng	# 96
13) 1,4-Dichlorobenzene	7.08	146	111806	42.68	ng	96
14) 1,2-Dichlorobenzene	7.26	146	106146	44.20	ng	96
15) Benzyl Alcohol	7.25	79	79408	43.24	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.44	45	122601	43.67	ng	99
17) 2-Methylphenol	7.41	107	84176	45.62	ng	97
18) Hexachloroethane	7.68	117	36499	42.49	ng	# 90
19) n-Nitroso-di-n-propylamine	7.58	70	67533	41.49	ng	97
20) 3+4-Methylphenols	7.61	107	107096	44.23	ng	95
22) Acetophenone	7.57	105	140562	46.07	ng	# 98
24) Nitrobenzene	7.78	77	97478	43.04	ng	97
25) Isophorone	8.09	82	176178	41.50	ng	97
26) 2-Nitrophenol	8.18	139	47527	42.86	ng	97
27) 2,4-Dimethylphenol	8.26	122	87920	43.52	ng	97
28) bis(2-Chloroethoxy)methane	8.37	93	110692	42.95	ng	# 96
29) 2,4-Dichlorophenol	8.48	162	84292	43.78	ng	92
30) 1,2,4-Trichlorobenzene	8.57	180	86152	39.99	ng	# 95
31) Naphthalene	8.66	128	289814	40.95	ng	99
32) Benzoic acid	8.37	122	43266	39.02	ng	97
33) 4-Chloroaniline	8.75	127	55780	19.42	ng	96
34) Hexachlorobutadiene	8.82	225	49148	40.25	ng	98
35) Caprolactam	9.17	113	25697	45.66	ng	# 79
36) 4-Chloro-3-methylphenol	9.37	107	90321	46.62	ng	88
37) 2-Methylnaphthalene	9.53	142	203772	42.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.73	216	84497	43.34	ng	# 100
40) Hexachlorocyclopentadiene	9.71	237	82033	83.89	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	60113	44.51	ng	98
43) 2,4,5-Trichlorophenol	9.94	196	62748	43.01	ng	96
45) 1,1'-Biphenyl	10.11	154	238831	45.71	ng	98
46) 2-Chloronaphthalene	10.12	162	191321	45.06	ng	93
47) 2-Nitroaniline	10.26	65	47112	44.67	ng	85
48) Acenaphthylene	10.64	152	303386	42.97	ng	99
49) Dimethylphthalate	10.50	163	219256	45.23	ng	99
50) 2,6-Dinitrotoluene	10.57	165	47188	46.96	ng	# 86
51) Acenaphthene	10.84	154	170513	42.12	ng	97
52) 3-Nitroaniline	10.77	138	32217	27.61	ng	86
53) 2,4-Dinitrophenol	10.91	184	30072	81.31	ng	# 79
54) Dibenzofuran	11.06	168	265947	44.29	ng	92
55) 4-Nitrophenol	11.01	139	74918	86.66	ng	# 79
56) 2,4-Dinitrotoluene	11.07	165	65726	50.16	ng	# 64
57) Fluorene	11.48	166	220932	44.31	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.22	232	48517	43.19	ng	# 100
59) Diethylphthalate	11.38	149	215393	45.60	ng	97
60) 4-Chlorophenyl-phenylether	11.51	204	100823	44.31	ng	93
61) 4-Nitroaniline	11.53	138	48251	41.48	ng	80
62) Azobenzene	11.70	77	223761	49.56	ng	95
64) 4,6-Dinitro-2-methylphenol	11.57	198	22078	36.14	ng	# 68
65) n-Nitrosodiphenylamine	11.65	169	196267	44.09	ng	99
66) 4-Bromophenyl-phenylether	12.11	248	59684	41.83	ng	94
67) Hexachlorobenzene	12.16	284	64229	40.97	ng	# 85
68) Atrazine	12.33	200	55506	44.49	ng	96
69) Pentachlorophenol	12.42	266	55395	67.94	ng	98
70) Phenanthrene	12.67	178	323313	42.12	ng	99
71) Anthracene	12.74	178	330906	43.64	ng	99
72) Carbazole	12.96	167	315365	43.72	ng	98
73) Di-n-butylphthalate	13.41	149	344887	42.64	ng	98
74) Fluoranthene	14.15	202	358172	42.31	ng	95
76) Benzidine	14.34	184	150218	43.00	ng	100
77) Pyrene	14.43	202	385184	43.33	ng	99
79) Butylbenzylphthalate	15.27	149	151943	43.36	ng	# 78
80) Benzo(a)anthracene	15.93	228	353266	42.16	ng	100
81) 3,3'-Dichlorobenzidine	15.92	252	69636	25.19	ng	97
82) Chrysene	15.97	228	345720	45.89	ng	100
83) Bis(2-ethylhexyl)phthalate	16.01	149	226787	42.72	ng	98
84) Di-n-octyl phthalate	16.82	149	380670	41.94	ng	100
85) Indeno(1,2,3-cd)pyrene	19.07	276	392615	41.75	ng	# 100
87) Benzo(b)fluoranthene	17.25	252	404210	44.67	ng	98
88) Benzo(k)fluoranthene	17.29	252	276675	39.14	ng	98
89) Benzo(a)pyrene	17.64	252	333104	44.12	ng	# 96
90) Dibenzo(a,h)anthracene	19.09	278	321196	42.89	ng	# 96
91) Benzo(g,h,i)perylene	19.47	276	323456	42.43	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

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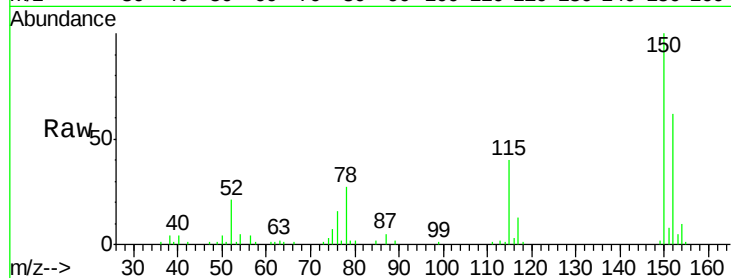
Tgt Ion:152 Resp: 33238

Ion Ratio Lower Upper

152 100

150 160.9 119.5 179.3

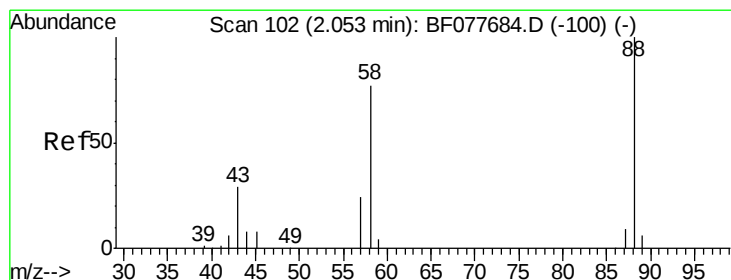
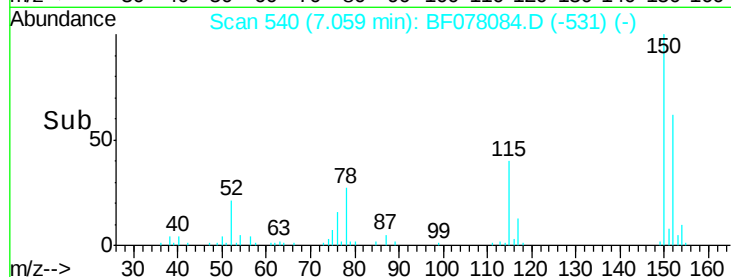
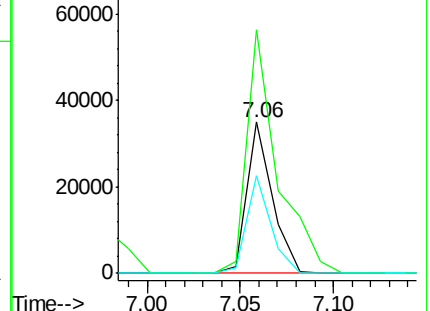
115 64.8 43.0 64.4#



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: 38.29 ng

RT: 1.93 min Scan# 91

Delta R.T. 0.02 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

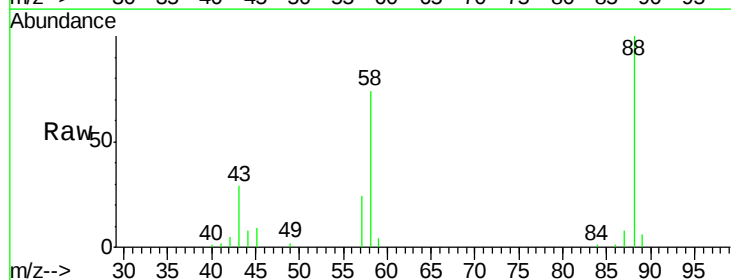
Tgt Ion: 88 Resp: 33107

Ion Ratio Lower Upper

88 100

58 72.7 0.0 0.0#

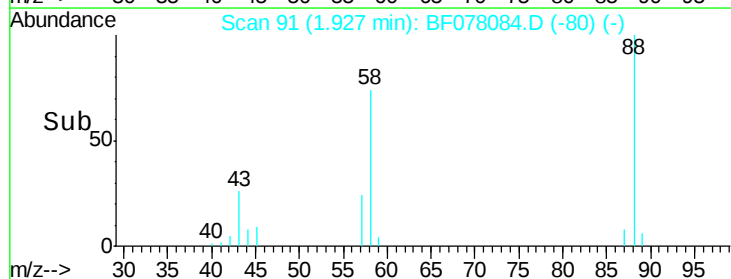
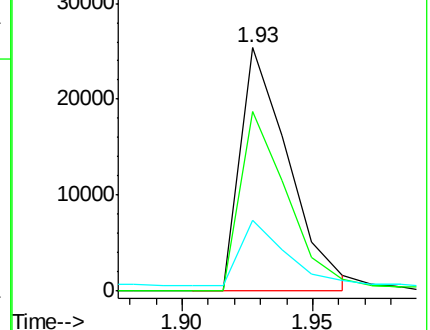
43 25.3 0.0 0.0#

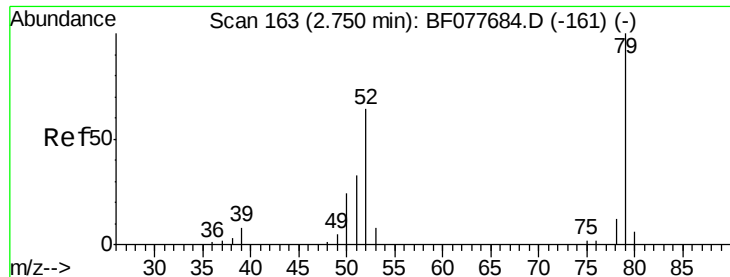


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.44 ng

RT: 2.58 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

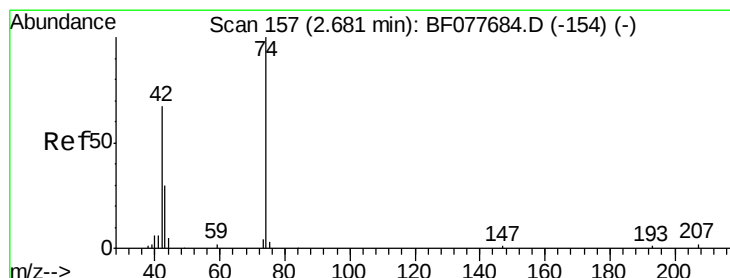
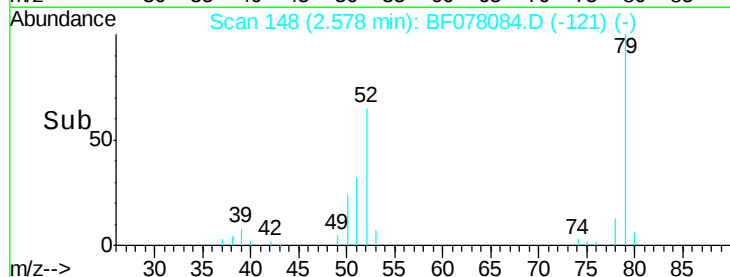
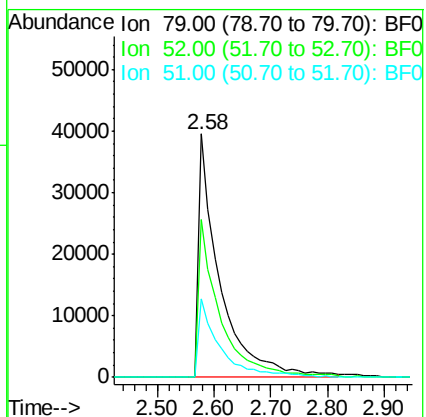
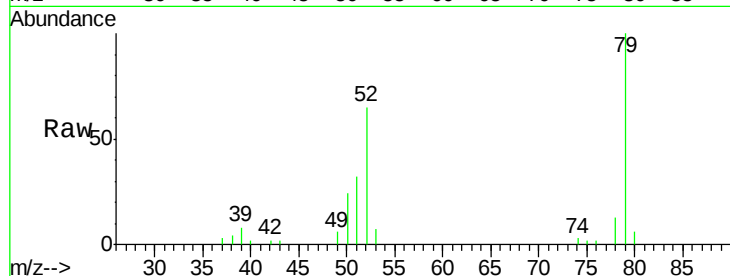
Tgt Ion: 79 Resp: 100903

Ion Ratio Lower Upper

79 100

52 64.7 51.1 76.7

51 32.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 34.79 ng

RT: 2.52 min Scan# 143

Delta R.T. 0.02 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

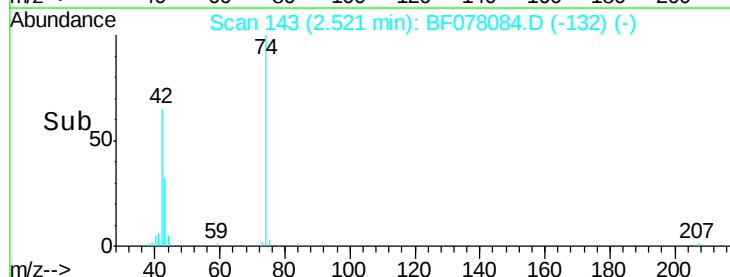
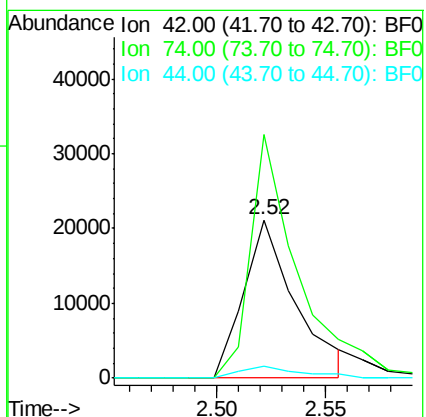
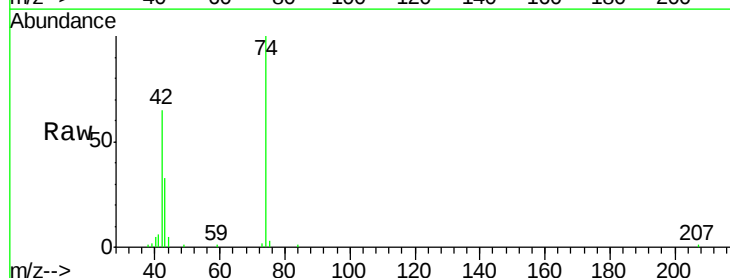
Tgt Ion: 42 Resp: 35190

Ion Ratio Lower Upper

42 100

74 153.9 119.3 178.9

44 7.8 5.4 8.2





#5

2-Fluorophenol

Concen: 137.71 ng

RT: 5.36 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078084.D

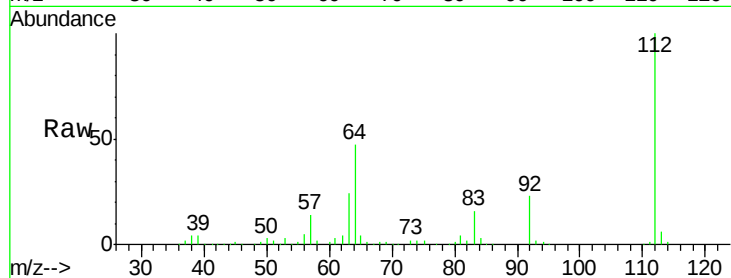
Acq: 30 Mar 2015 16:28

Instrument :

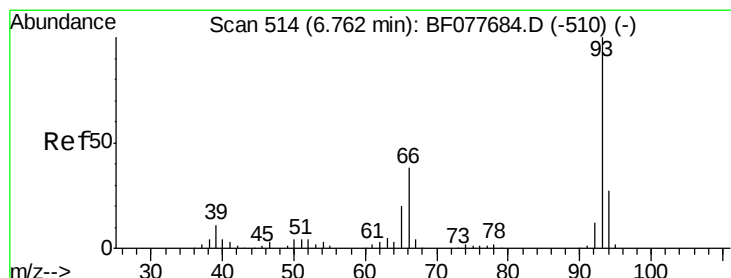
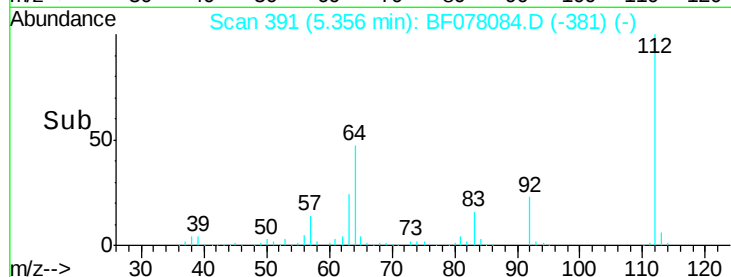
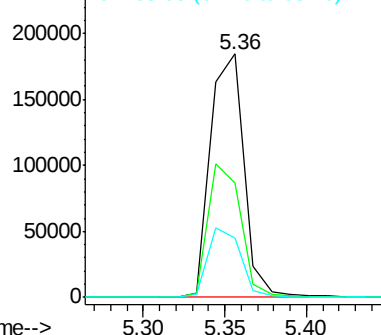
BNA_F

ClientSampleId :

Tgt Ion:	112	Resp:	262233
Ion	Ratio	Lower	Upper
112	100		
64	47.1	38.6	57.8
63	24.2	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): BF077684.D (-396) (-)



#6

Aniline

Concen: 19.74 ng

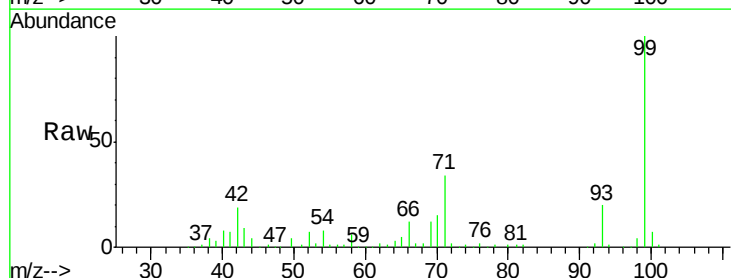
RT: 6.65 min Scan# 504

Delta R.T. -0.00 min

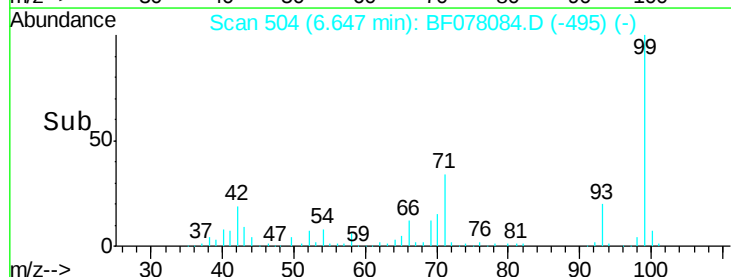
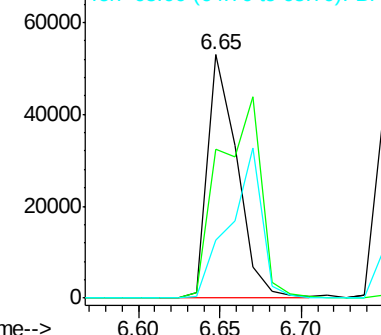
Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Tgt Ion:	93	Resp:	66428
Ion	Ratio	Lower	Upper
93	100		
66	61.2	30.8	46.2#
65	24.1	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF077684.D (-510) (-)





#7

Phenol-d6

Concen: 135.22 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

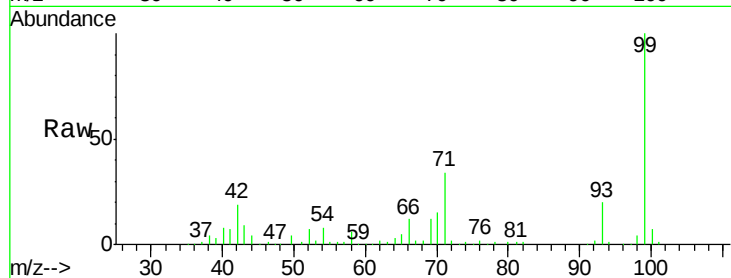
Tgt Ion: 99 Resp: 318117

Ion Ratio Lower Upper

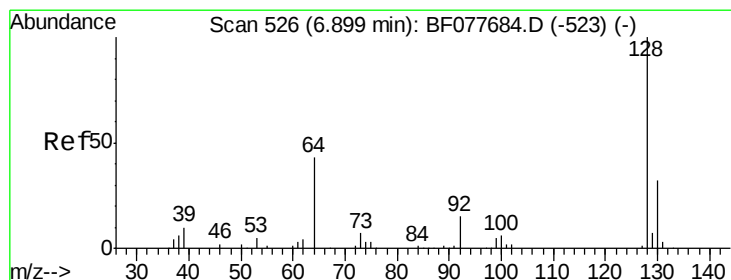
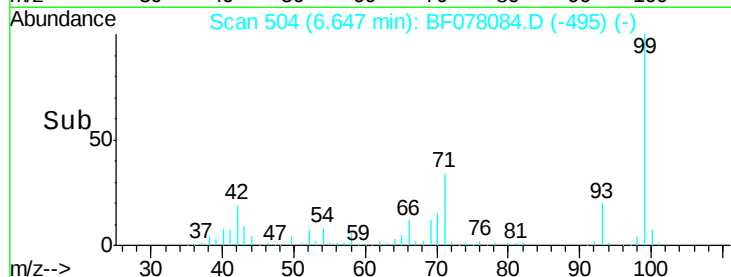
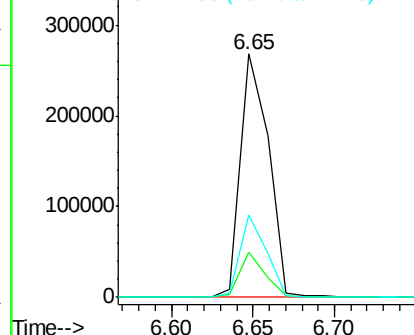
99 100

42 18.7 11.0 16.4#

71 34.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.37 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

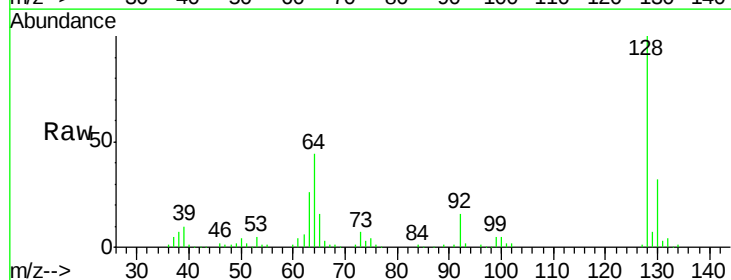
Tgt Ion: 128 Resp: 105097

Ion Ratio Lower Upper

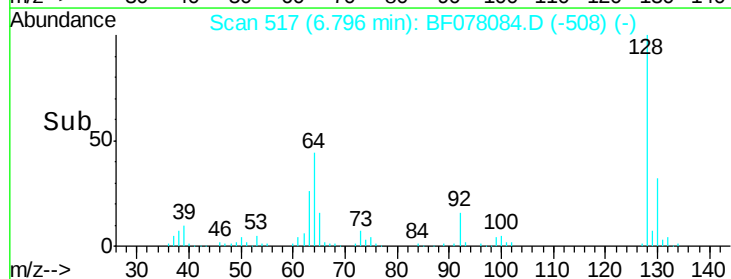
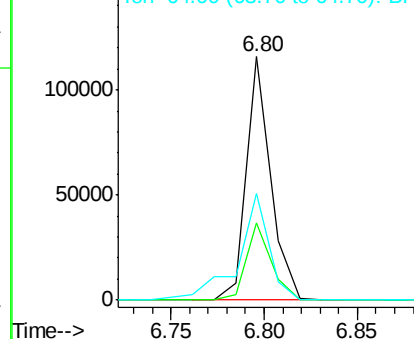
128 100

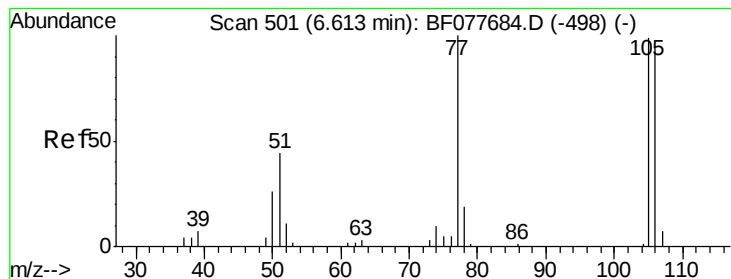
130 31.6 12.0 52.0

64 43.7 24.9 64.9



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





#9

Benzaldehyde

Concen: 3.13 ng

RT: 6.51 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

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ClientSampleId :

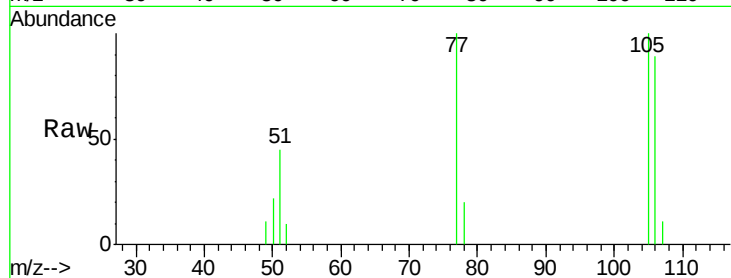
Tgt Ion: 77 Resp: 3017

Ion Ratio Lower Upper

77 100

105 100.0 78.8 118.8

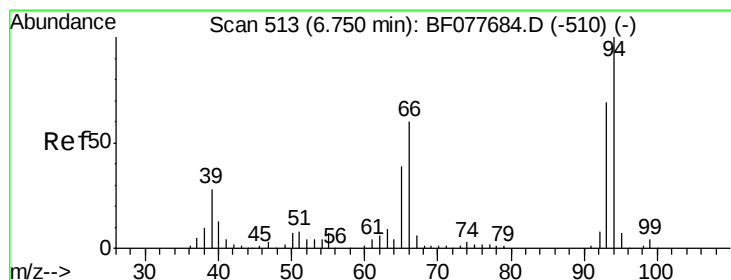
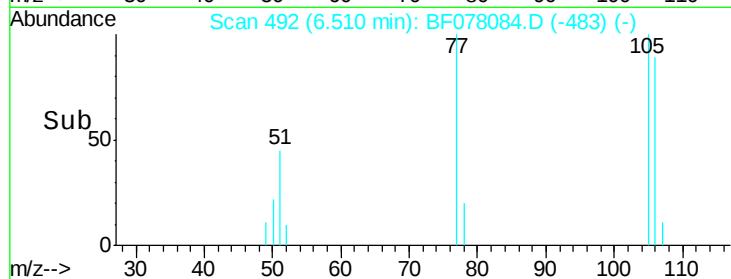
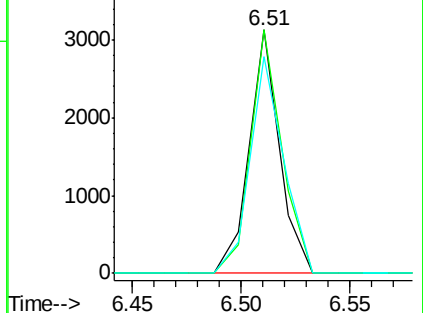
106 88.9 73.7 113.7



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: 45.97 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

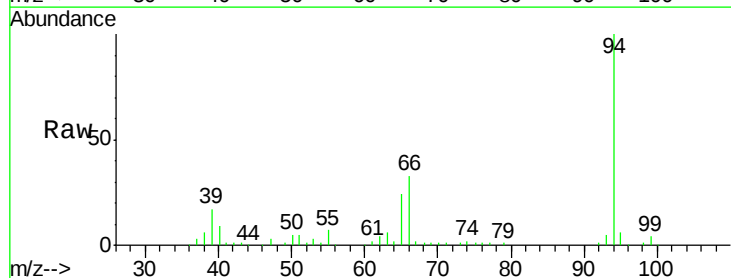
Tgt Ion: 94 Resp: 127837

Ion Ratio Lower Upper

94 100

65 24.4 18.8 58.8

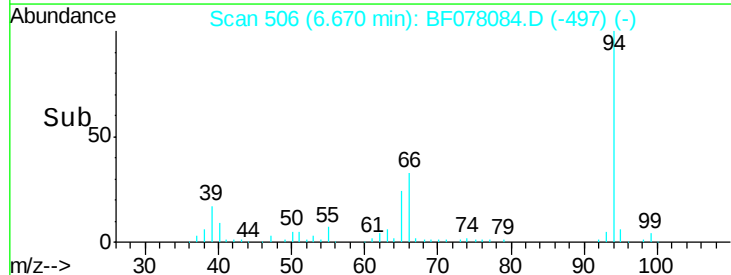
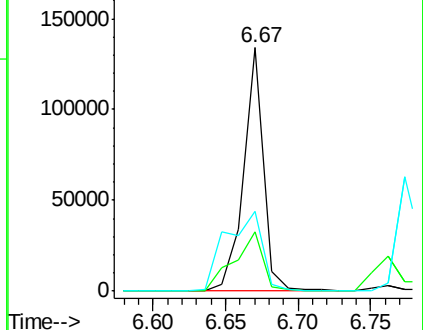
66 32.7 39.9 79.9#



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: 46.60 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

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ClientSampleId :

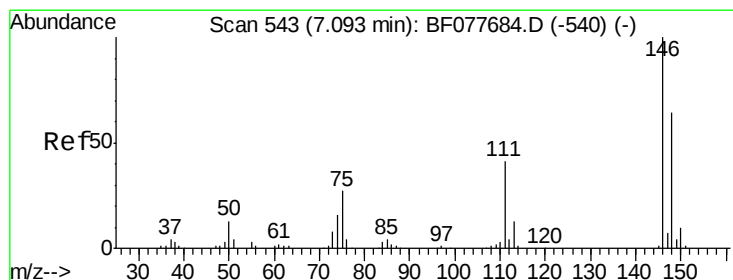
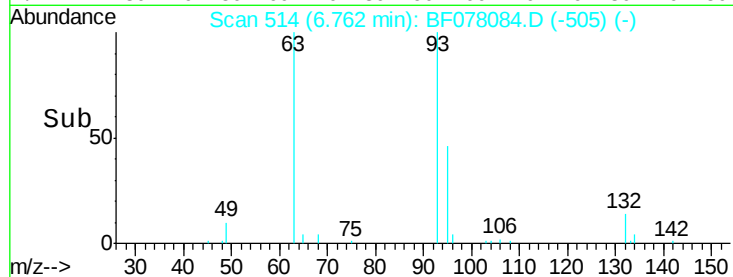
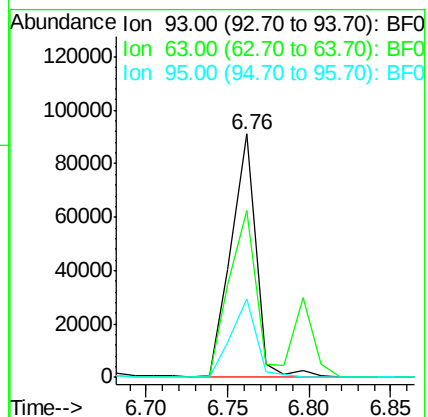
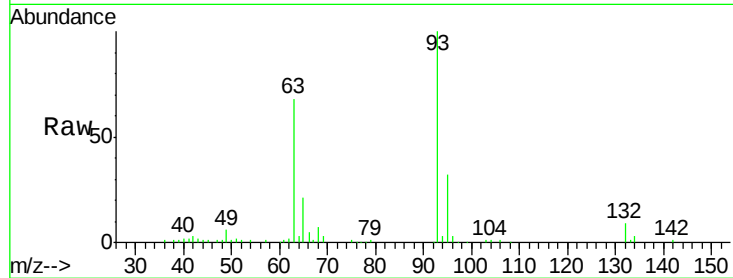
Tgt Ion: 93 Resp: 97068

Ion Ratio Lower Upper

93 100

63 68.4 49.5 89.5

95 32.0 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 42.83 ng

RT: 6.98 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

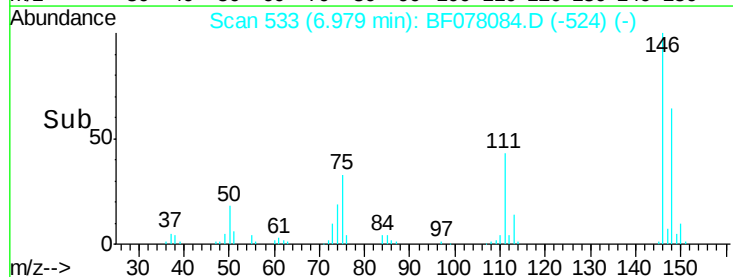
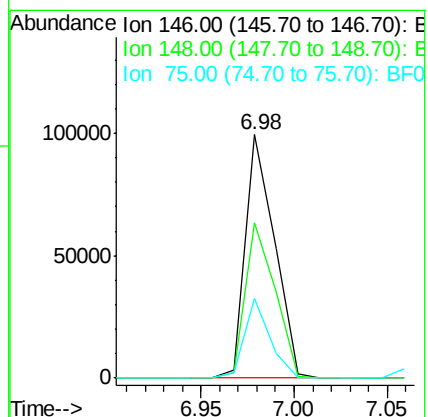
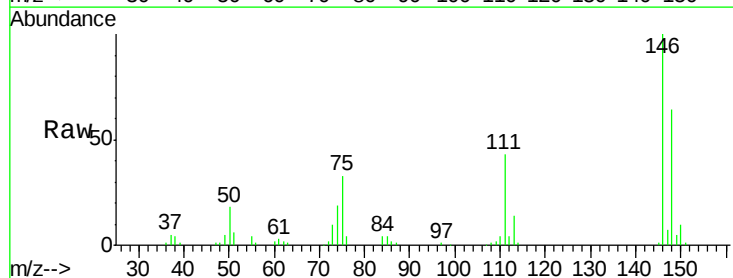
Tgt Ion: 146 Resp: 107977

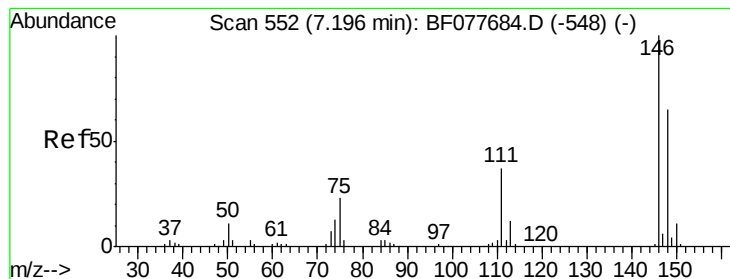
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

75 32.6 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 42.68 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

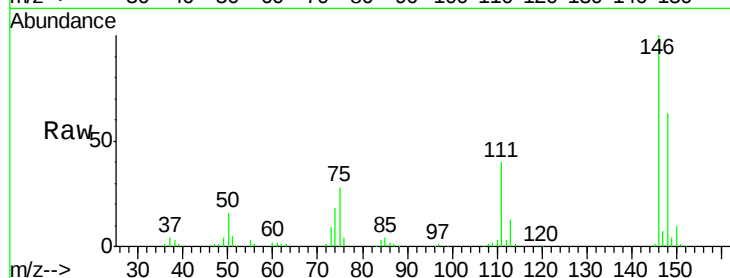
Tgt Ion:146 Resp: 111806

Ion Ratio Lower Upper

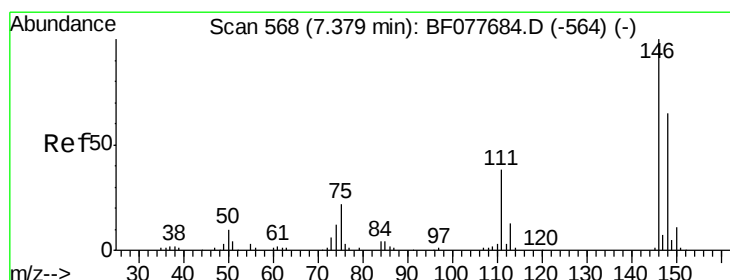
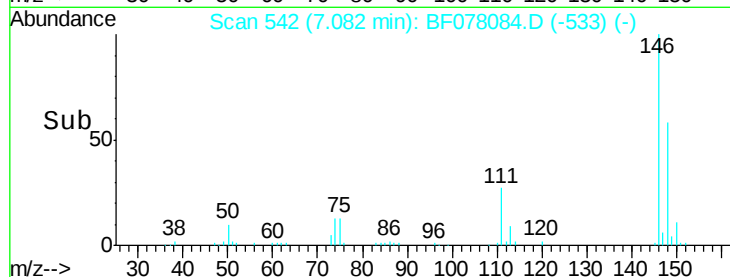
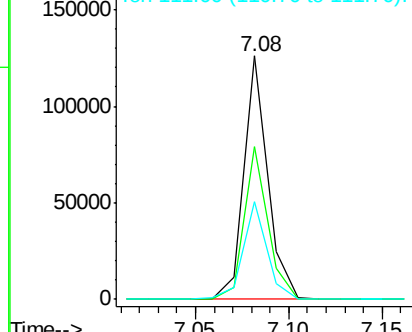
146 100

148 62.5 51.9 77.9

111 40.0 29.2 43.8



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: 44.20 ng

RT: 7.26 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

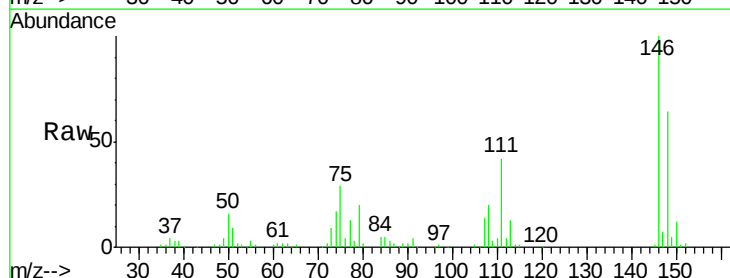
Tgt Ion:146 Resp: 106146

Ion Ratio Lower Upper

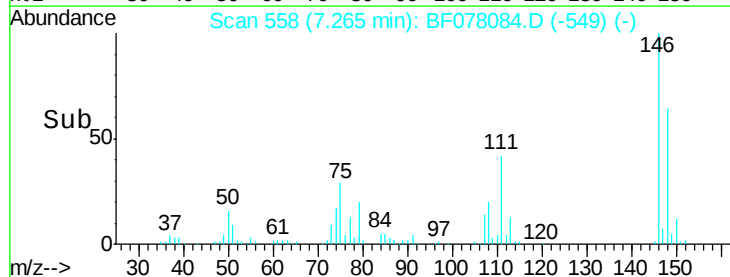
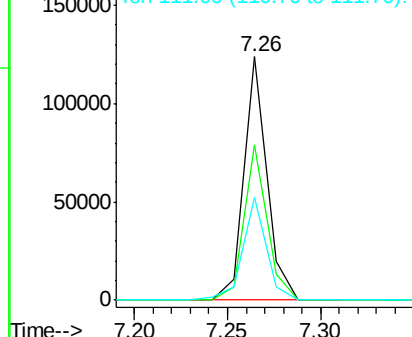
146 100

148 63.8 52.3 78.5

111 42.5 30.6 45.8



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: 43.24 ng

RT: 7.25 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

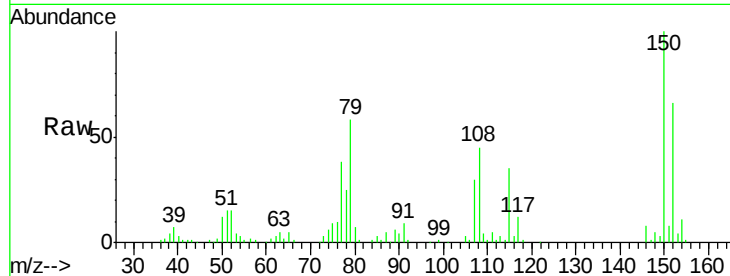
Tgt Ion: 79 Resp: 79408

Ion Ratio Lower Upper

79 100

108 77.5 65.0 97.4

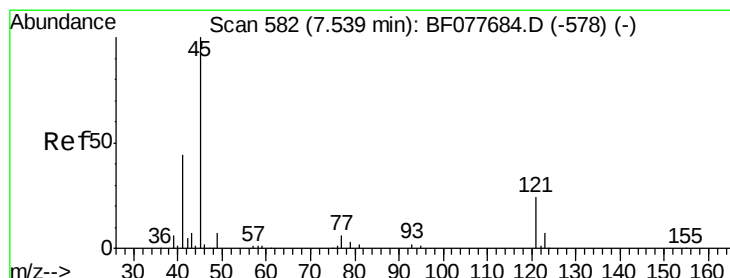
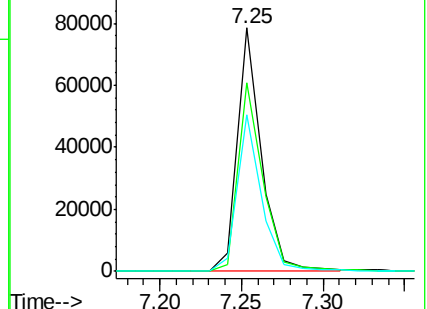
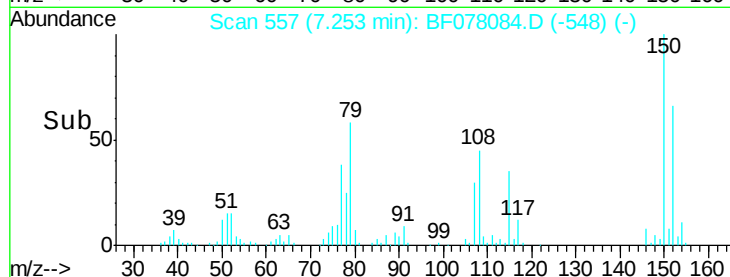
77 64.4 53.0 79.6



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: 43.67 ng

RT: 7.44 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

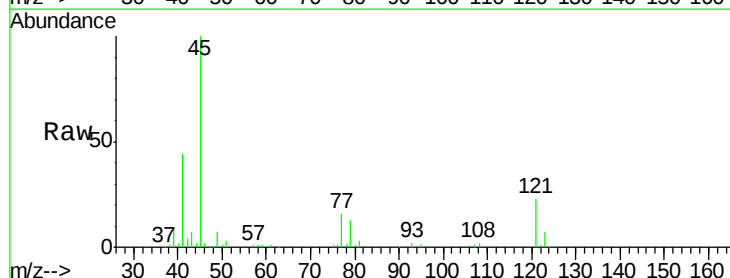
Tgt Ion: 45 Resp: 122601

Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.2

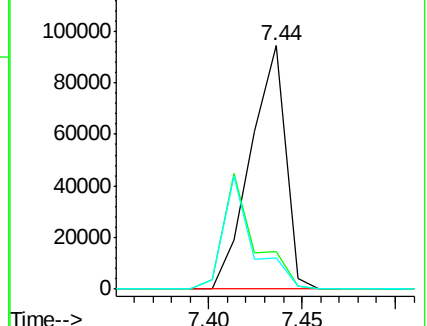
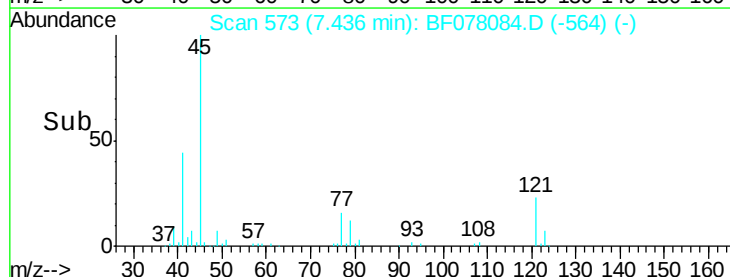
79 12.5 0.0 32.0

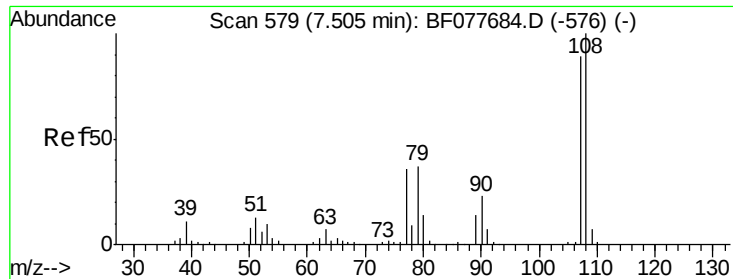


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

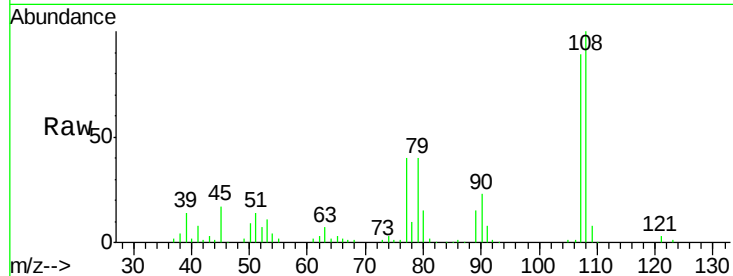




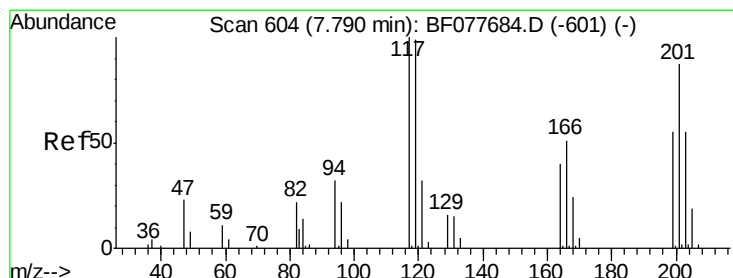
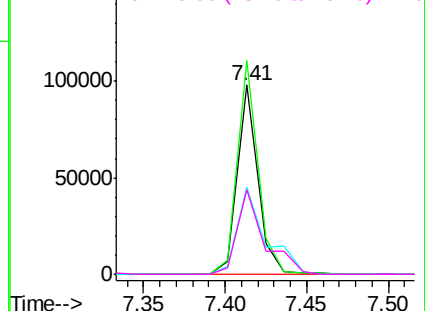
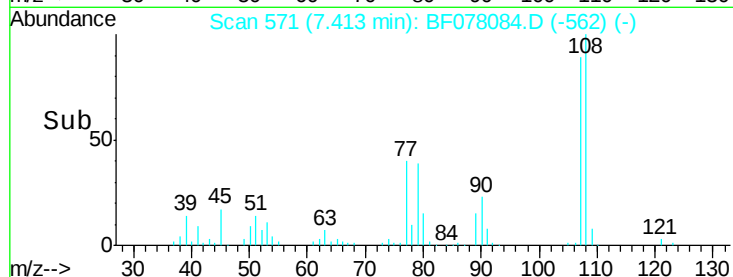
#17
2-Methylphenol
Concen: 45.62 ng
RT: 7.41 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 84176
Ion Ratio Lower Upper
107 100
108 112.8 89.8 134.8
77 45.7 32.6 48.8
79 44.9 32.8 49.2

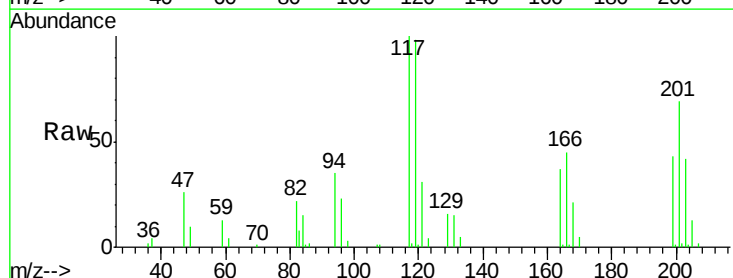


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

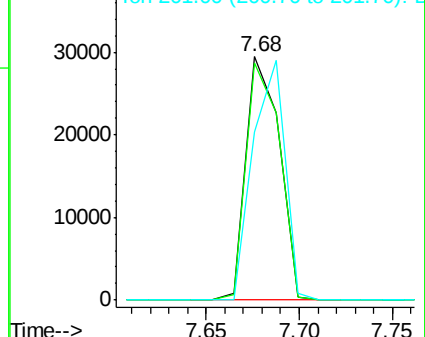
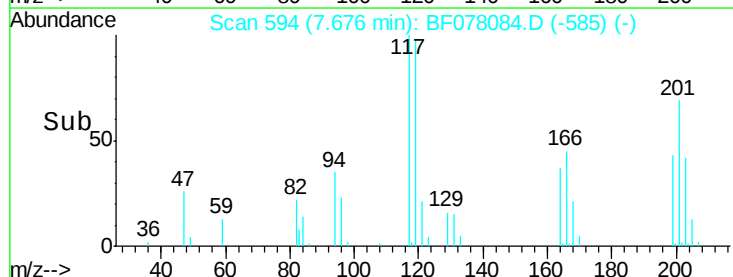


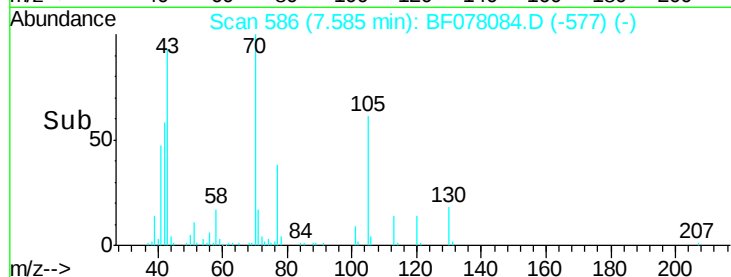
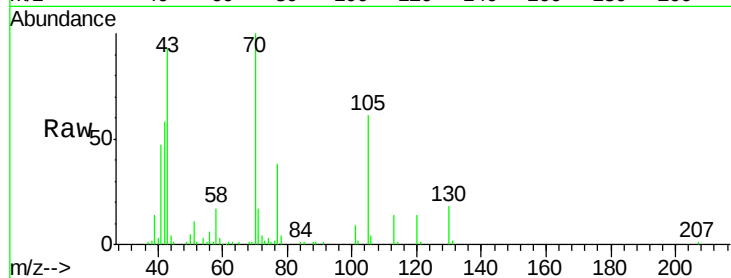
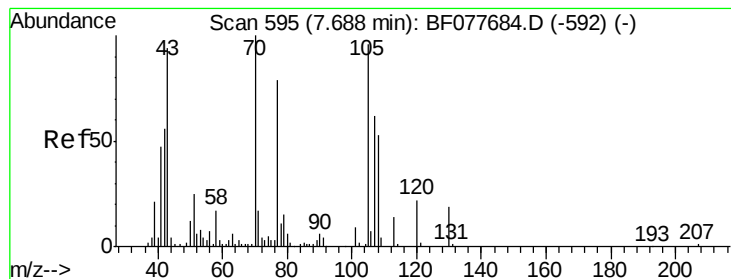
#18
Hexachloroethane
Concen: 42.49 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:117 Resp: 36499
Ion Ratio Lower Upper
117 100
119 97.7 79.2 118.8
201 69.2 69.8 104.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.49 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampled :

Tgt Ion: 70 Resp: 67533

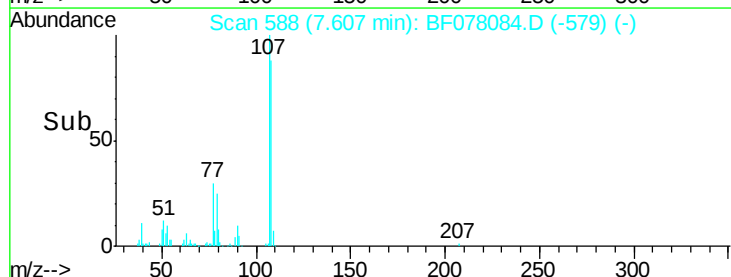
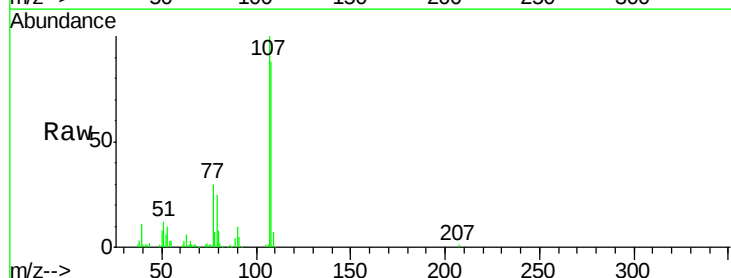
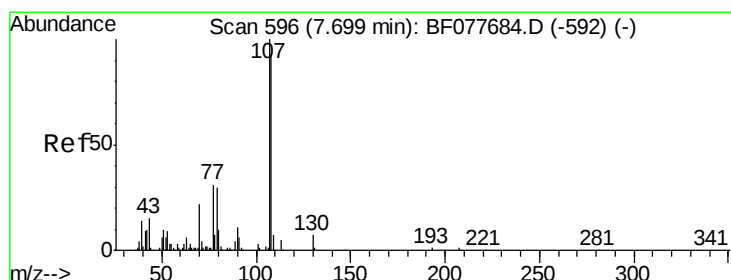
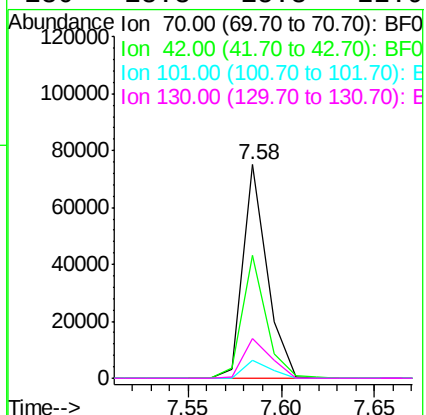
Ion Ratio Lower Upper

70 100

42 57.7 44.5 66.7

101 8.5 7.4 11.2

130 18.3 15.3 22.9



#20

3+4-Methylphenols

Concen: 44.23 ng

RT: 7.61 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Tgt Ion: 107 Resp: 107096

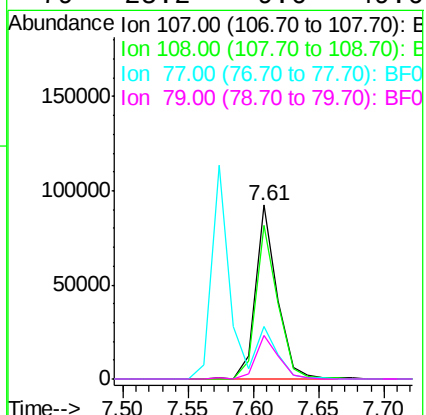
Ion Ratio Lower Upper

107 100

108 88.5 73.2 113.2

77 29.9 10.7 50.7

79 25.2 9.6 49.6

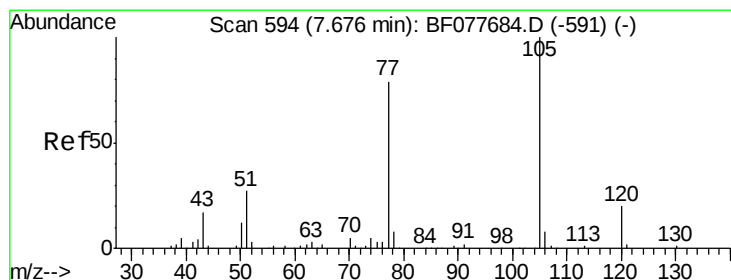
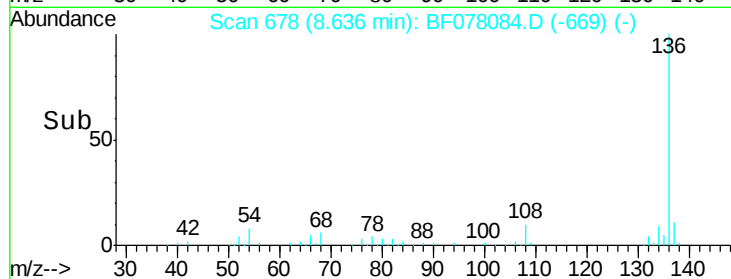
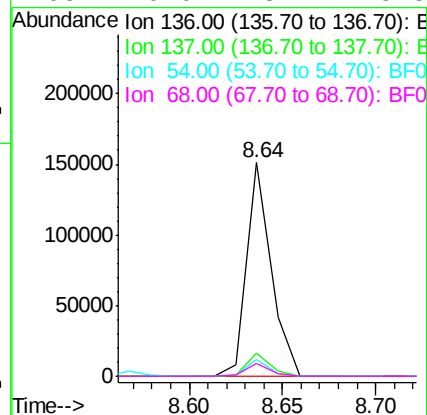
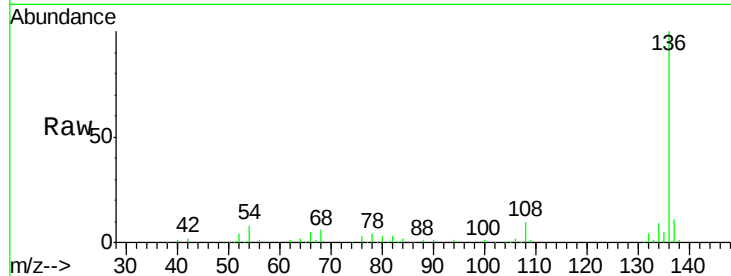




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

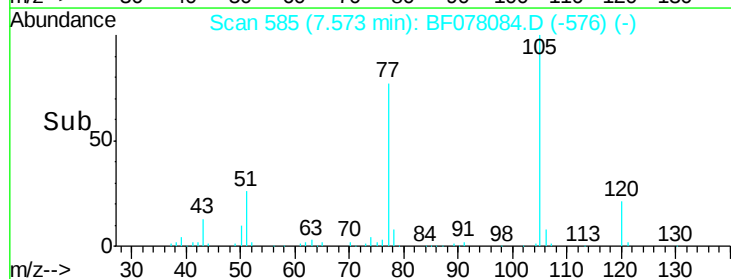
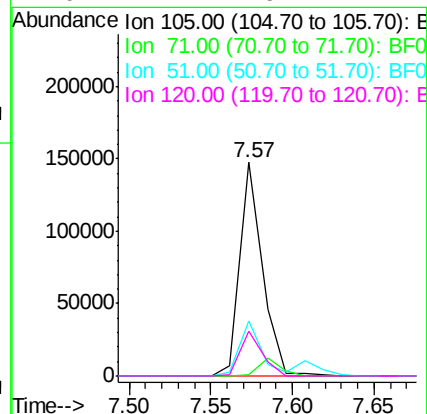
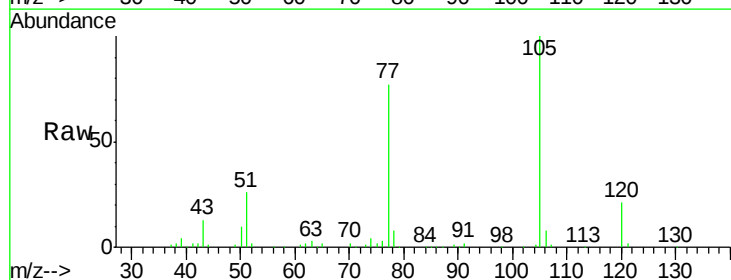
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	136	Resp:	137809
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.9	4.6	6.8#
68	6.0	3.7	5.5#



#22
Acetophenone
Concen: 46.07 ng
RT: 7.57 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:	105	Resp:	140562
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	25.7	21.6	32.4
120	21.2	16.1	24.1

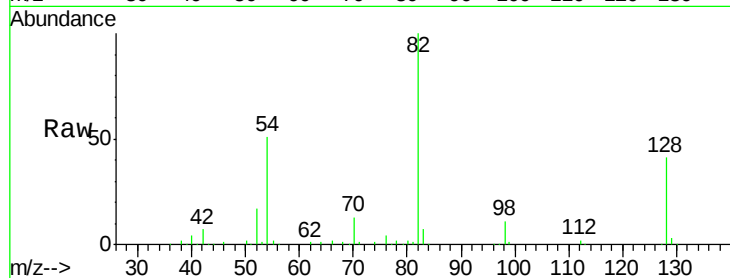




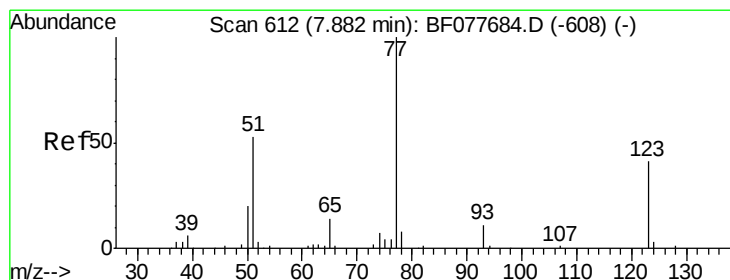
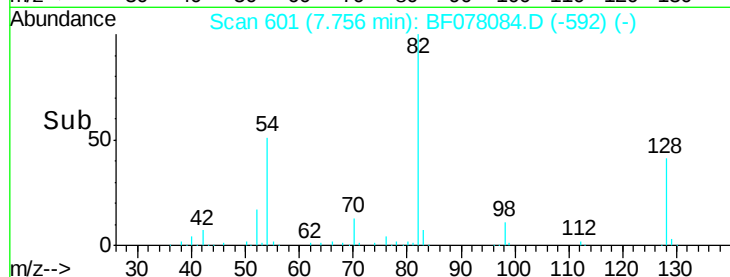
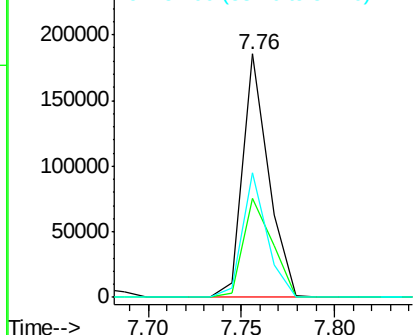
#23
Nitrobenzene-d5
Concen: 85.03 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 82 Resp: 178752
Ion Ratio Lower Upper
82 100
128 40.6 32.8 49.2
54 51.3 40.6 60.8

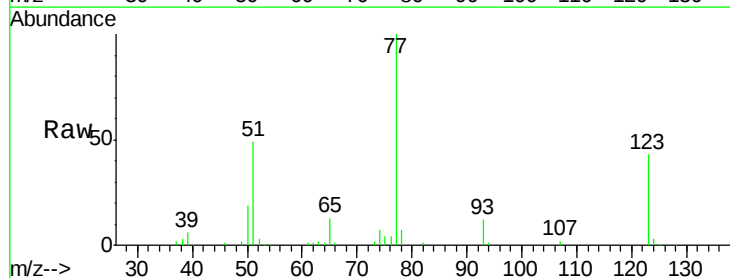


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

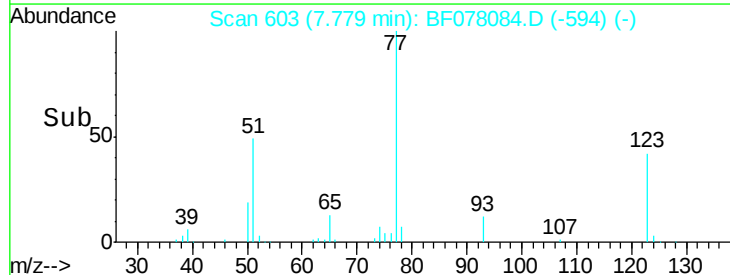
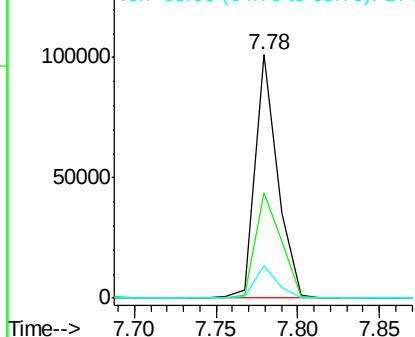


#24
Nitrobenzene
Concen: 43.04 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 77 Resp: 97478
Ion Ratio Lower Upper
77 100
123 43.1 32.6 49.0
65 13.3 10.9 16.3



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





#25

Isophorone

Concen: 41.50 ng

RT: 8.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

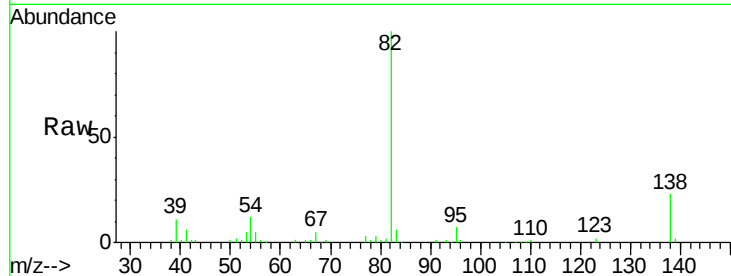
Tgt Ion: 82 Resp: 176178

Ion Ratio Lower Upper

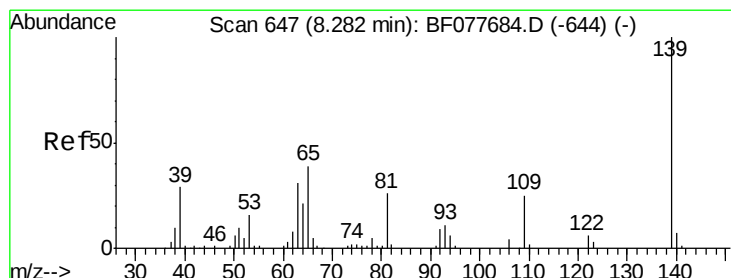
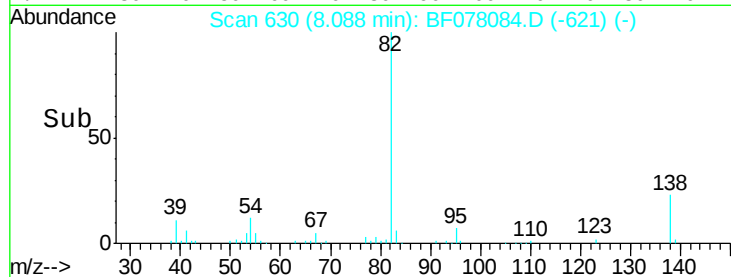
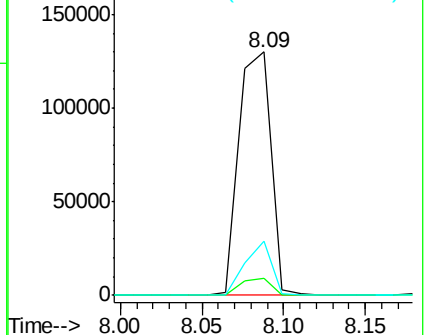
82 100

95 7.2 5.8 8.6

138 22.5 16.3 24.5



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



#26

2-Nitrophenol

Concen: 42.86 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

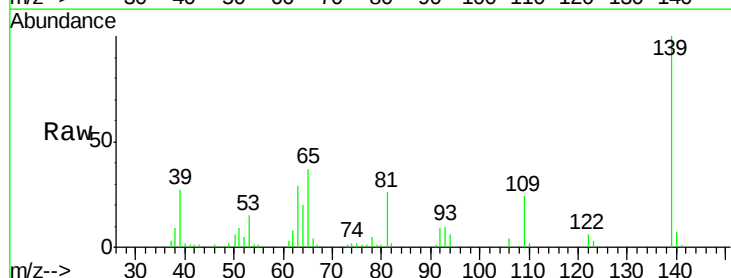
Tgt Ion: 139 Resp: 47527

Ion Ratio Lower Upper

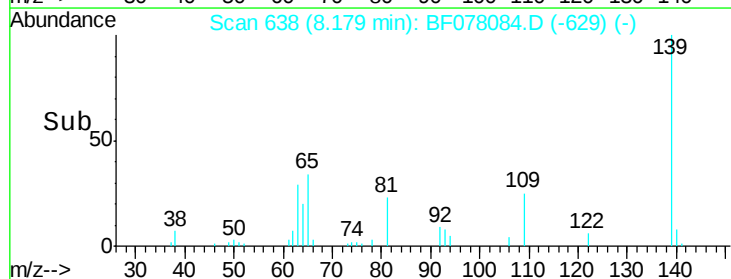
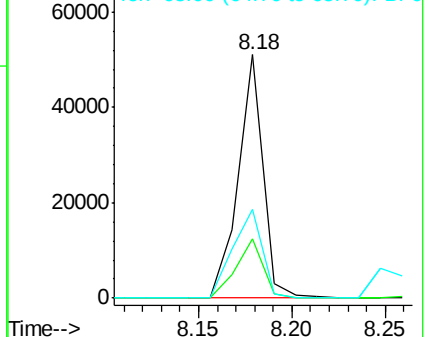
139 100

109 24.3 20.1 30.1

65 36.6 31.5 47.3



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





#27

2,4-Dimethylphenol

Concen: 43.52 ng

RT: 8.26 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampled :

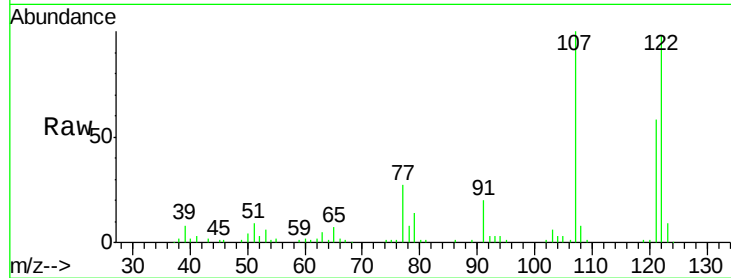
Tgt Ion: 122 Resp: 87920

Ion Ratio Lower Upper

122 100

107 101.9 84.7 127.1

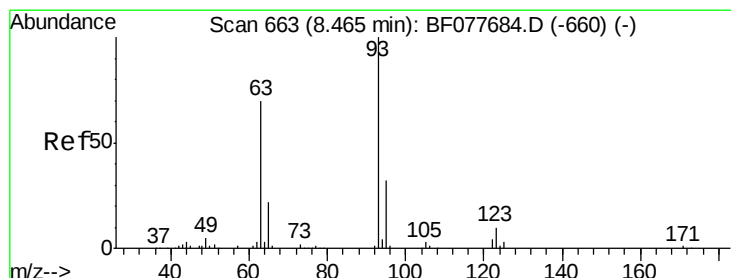
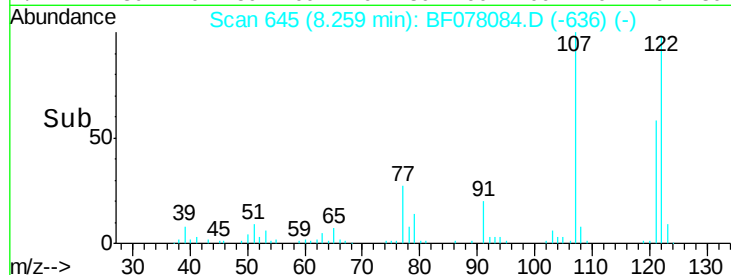
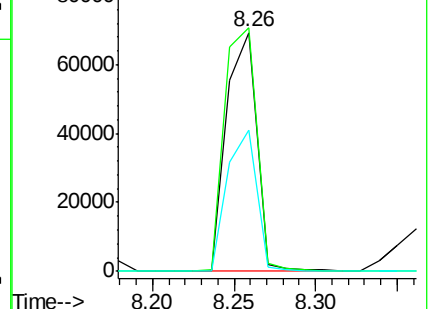
121 59.1 46.6 69.8



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: 42.95 ng

RT: 8.37 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

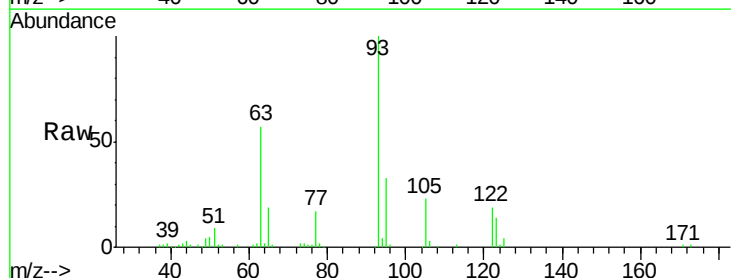
Tgt Ion: 93 Resp: 110692

Ion Ratio Lower Upper

93 100

95 33.3 25.5 38.3

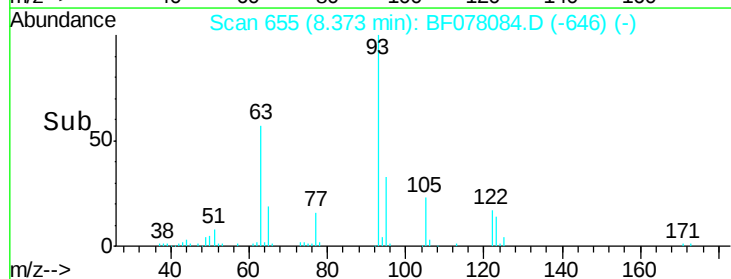
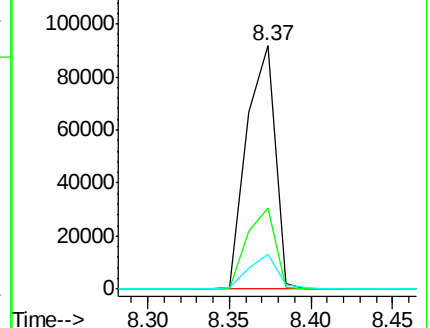
123 14.3 8.6 13.0#

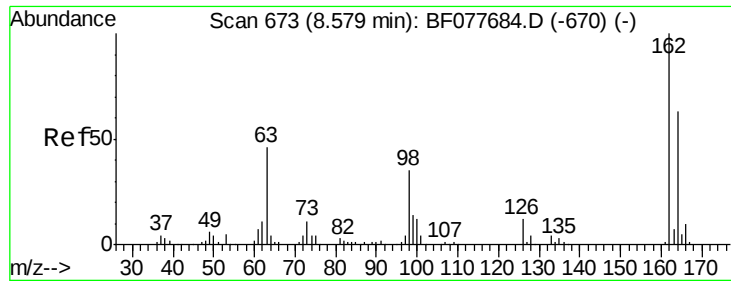


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

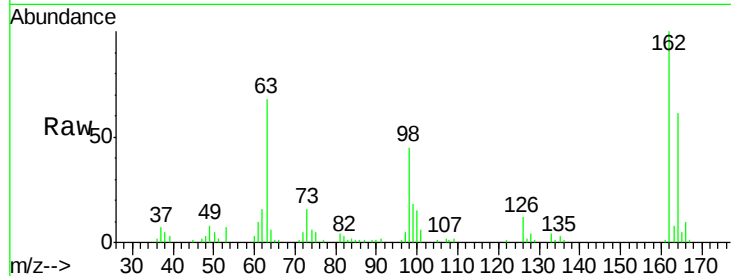




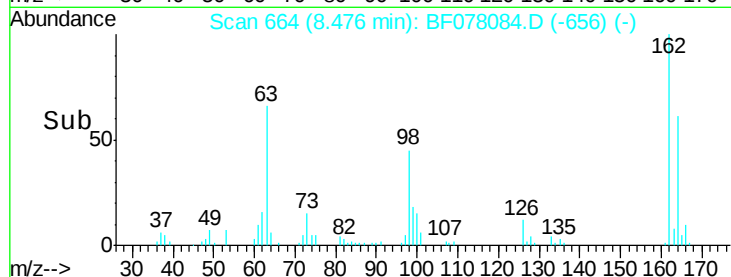
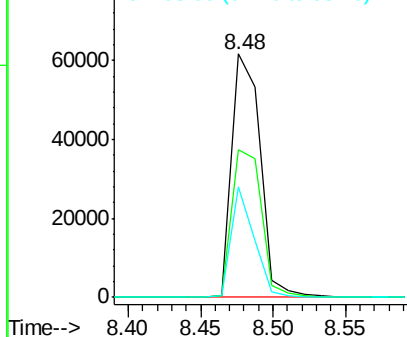
#29
2,4-Dichlorophenol
Concen: 43.78 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 84292
Ion Ratio Lower Upper
162 100
164 60.8 42.8 82.8
98 45.4 14.5 54.5

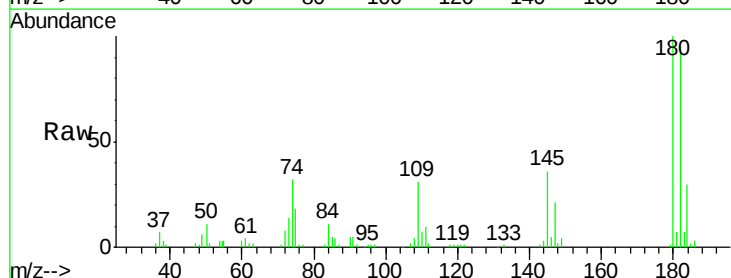


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

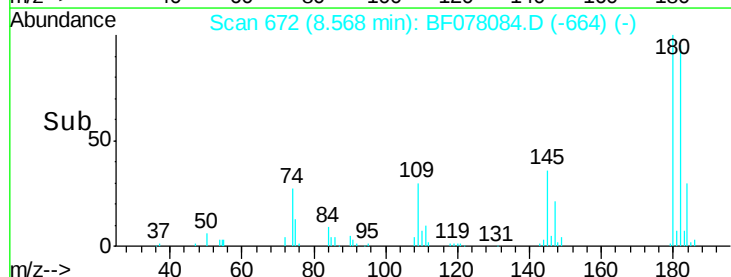
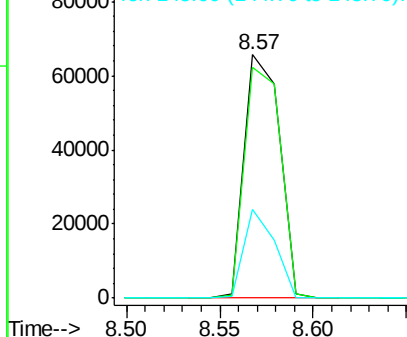


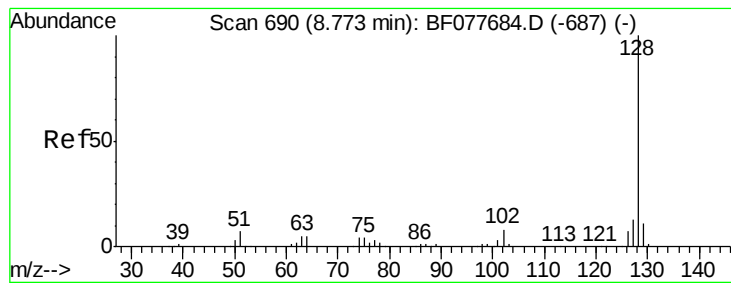
#30
1,2,4-Trichlorobenzene
Concen: 39.99 ng
RT: 8.57 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:180 Resp: 86152
Ion Ratio Lower Upper
180 100
182 94.6 77.6 116.4
145 36.2 23.4 35.2#



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: 40.95 ng

RT: 8.66 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

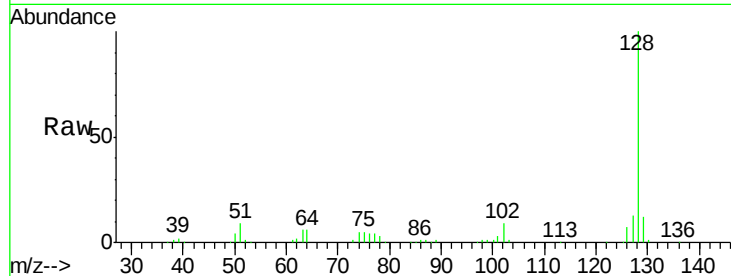
Tgt Ion:128 Resp: 289814

Ion Ratio Lower Upper

128 100

129 11.7 8.9 13.3

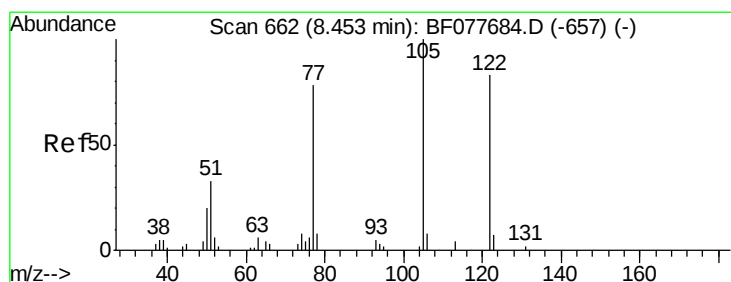
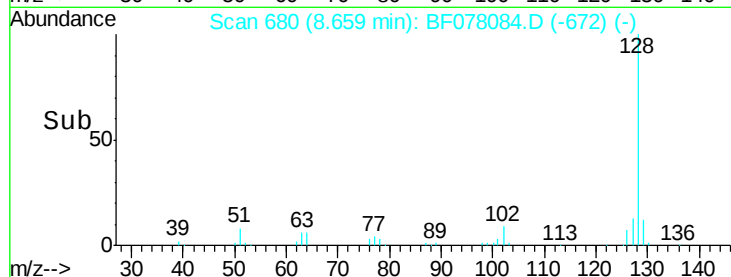
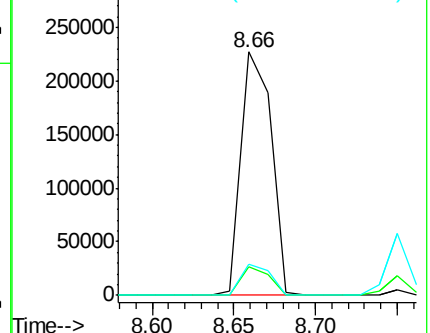
127 12.8 10.4 15.6



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: 39.02 ng

RT: 8.37 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

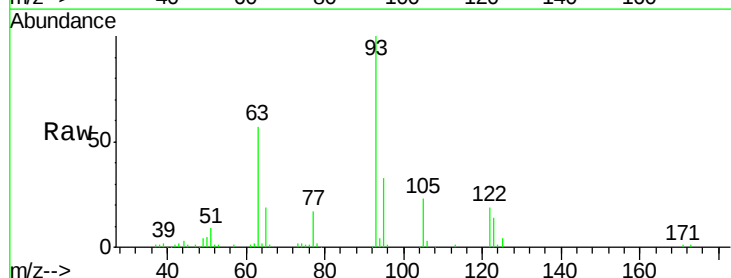
Tgt Ion:122 Resp: 43266

Ion Ratio Lower Upper

122 100

105 120.1 99.9 139.9

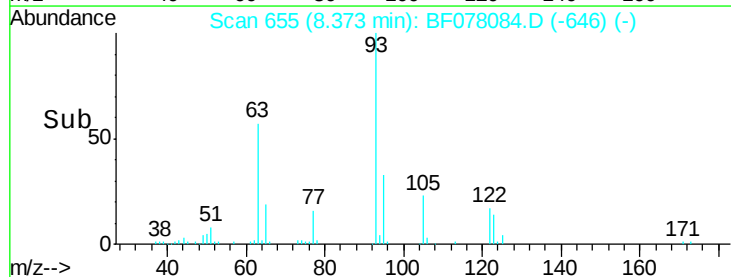
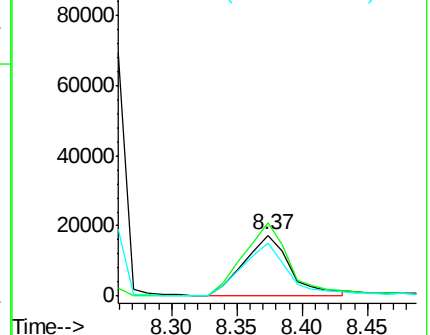
77 87.5 73.7 113.7



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

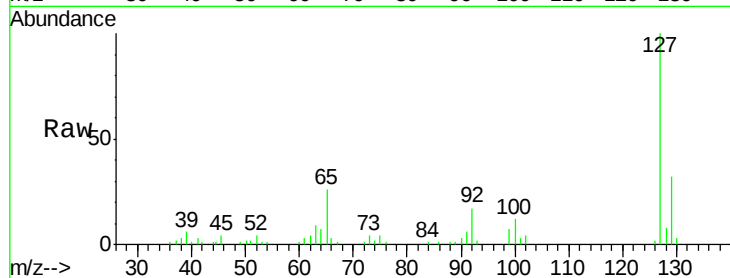




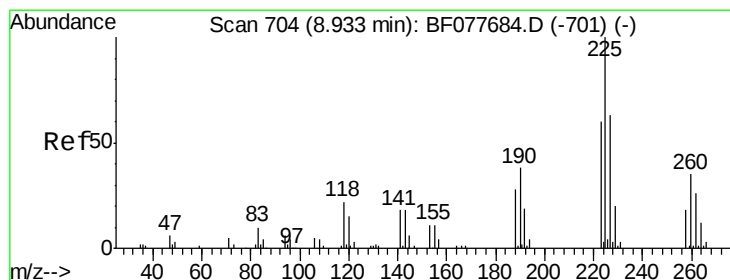
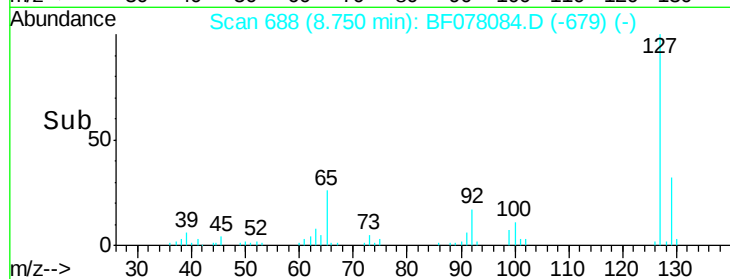
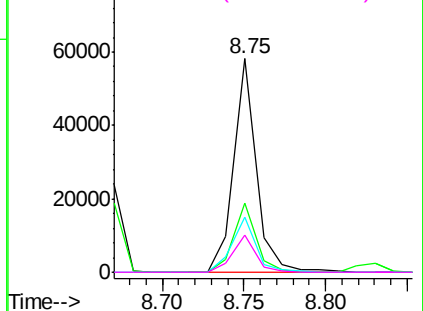
#33
4-Chloroaniline
Concen: 19.42 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	127	Resp:	55780
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.3	37.9
65	25.9	17.6	26.4
92	17.3	13.1	19.7

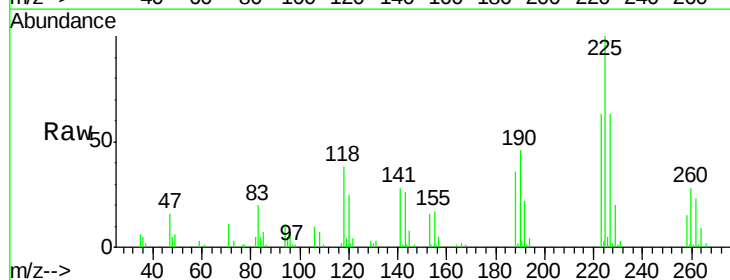


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

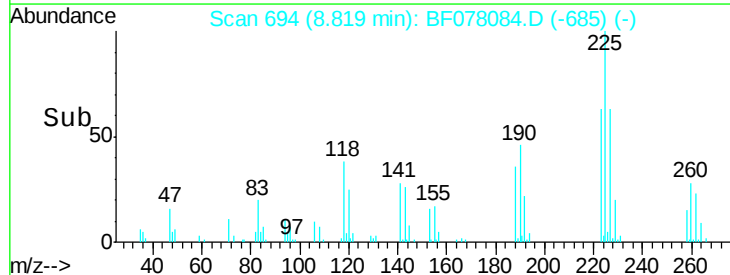
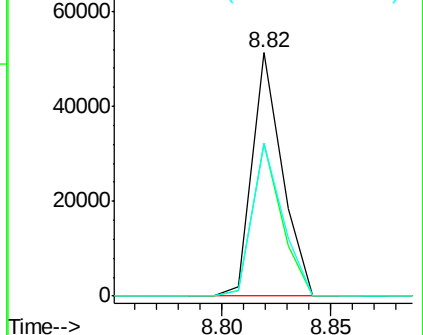


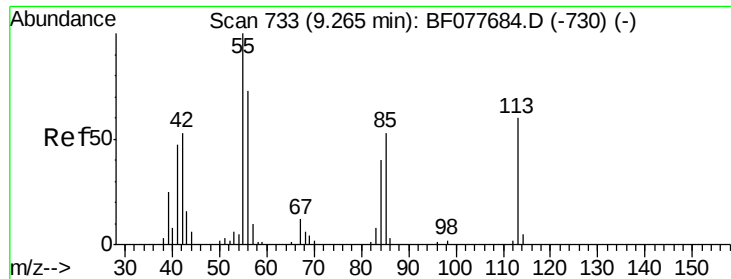
#34
Hexachlorobutadiene
Concen: 40.25 ng
RT: 8.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:	225	Resp:	49148
Ion	Ratio	Lower	Upper
225	100		
223	62.7	47.9	71.9
227	62.8	50.1	75.1



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

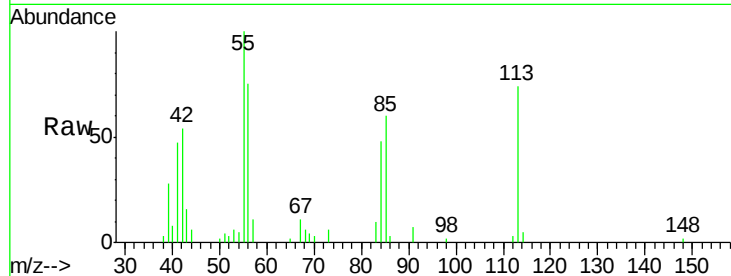




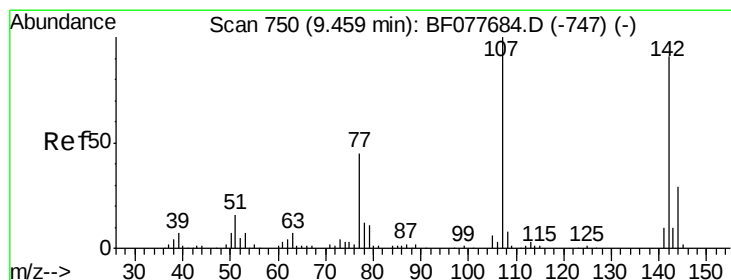
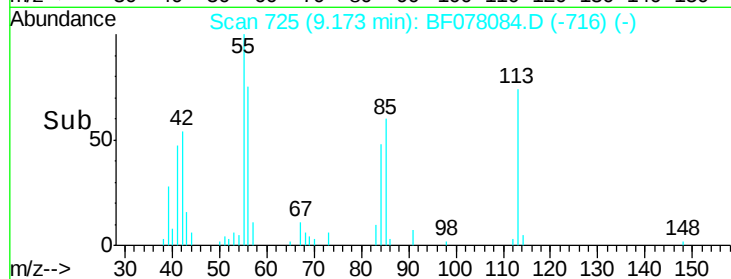
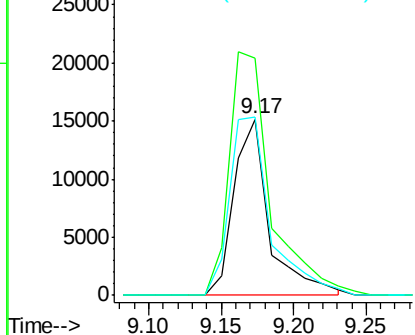
#35
 Caprolactam
 Concen: 45.66 ng
 RT: 9.17 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:113 Resp: 25697
 Ion Ratio Lower Upper
 113 100
 55 135.0 145.9 185.9#
 56 101.0 101.0 141.0#

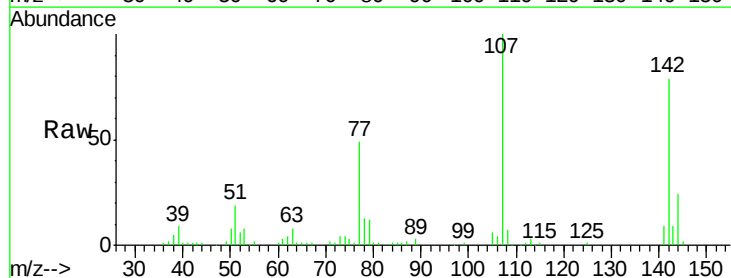


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

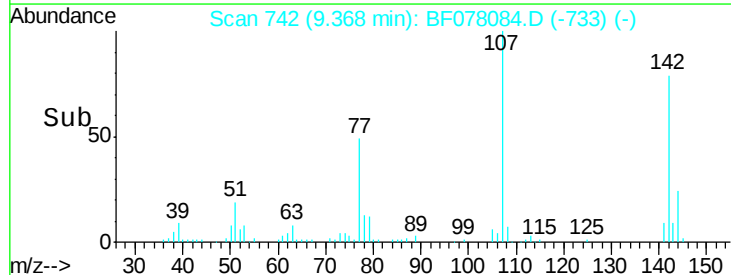
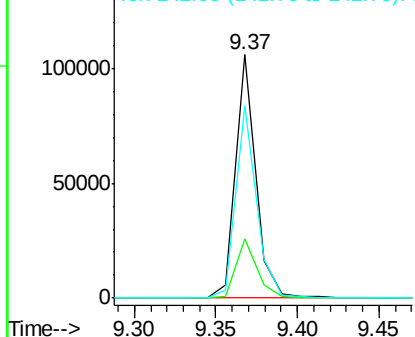


#36
 4-Chloro-3-methylphenol
 Concen: 46.62 ng
 RT: 9.37 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion:107 Resp: 90321
 Ion Ratio Lower Upper
 107 100
 144 24.4 23.3 34.9
 142 78.8 72.6 109.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

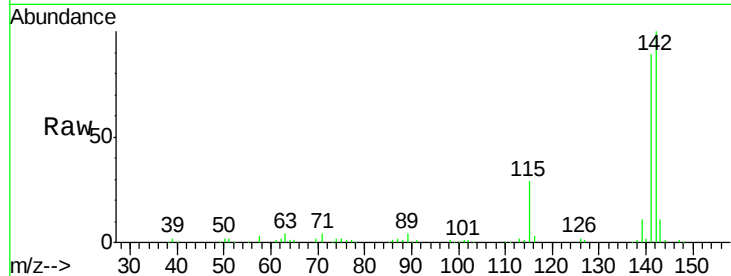




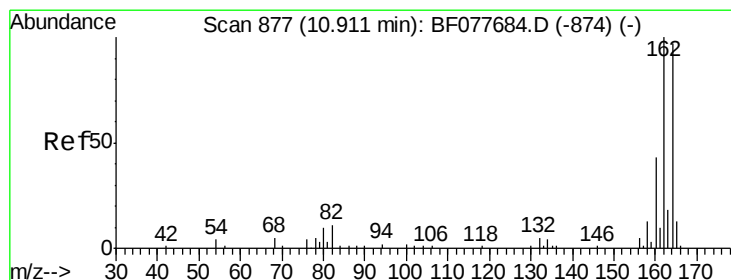
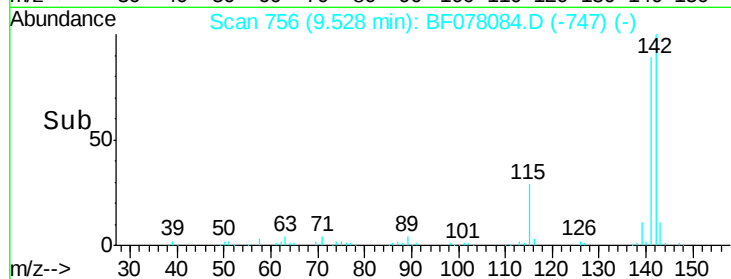
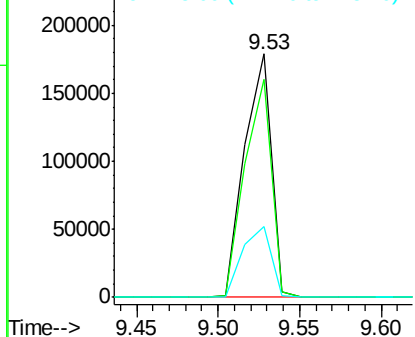
#37
 2-Methylnaphthalene
 Concen: 42.86 ng
 RT: 9.53 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Instrument :
 BNA_F
 ClientSampleID :

Tgt Ion:142 Resp: 203772
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.9 107.9
 115 28.8 25.4 38.0

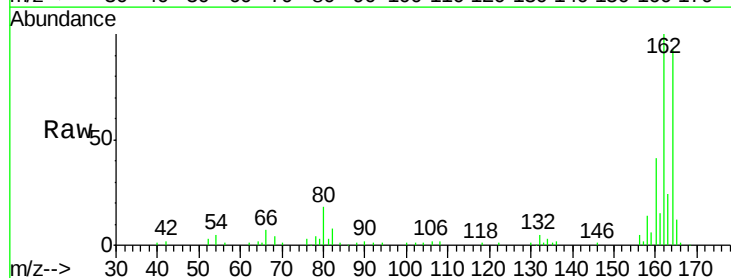


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

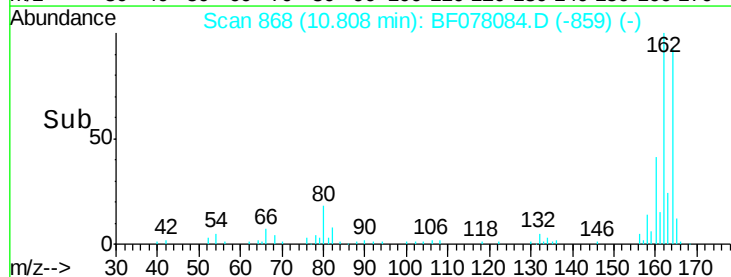
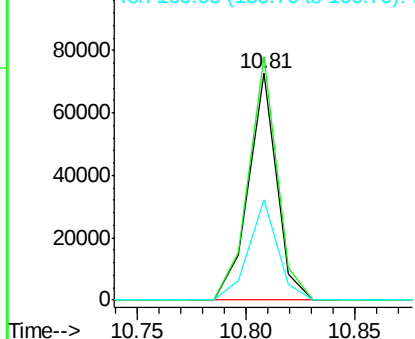


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.81 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion:164 Resp: 65363
 Ion Ratio Lower Upper
 164 100
 162 107.6 82.4 123.6
 160 44.6 35.8 53.6



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

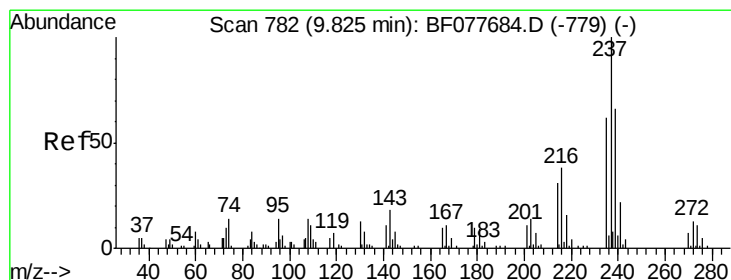
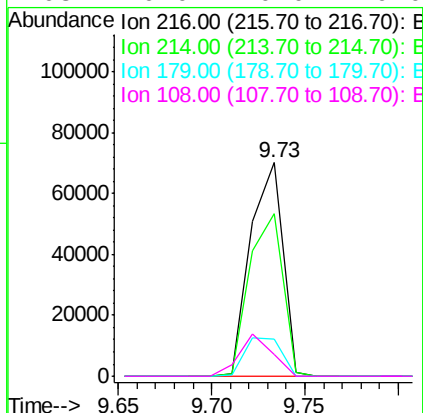
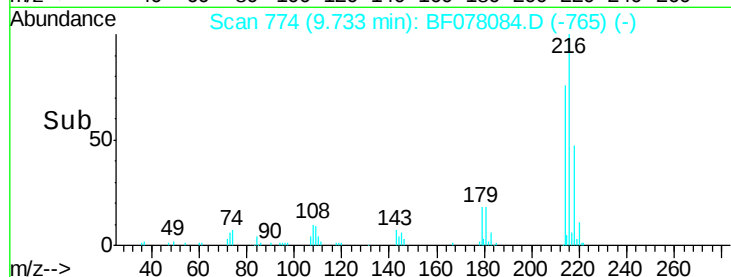
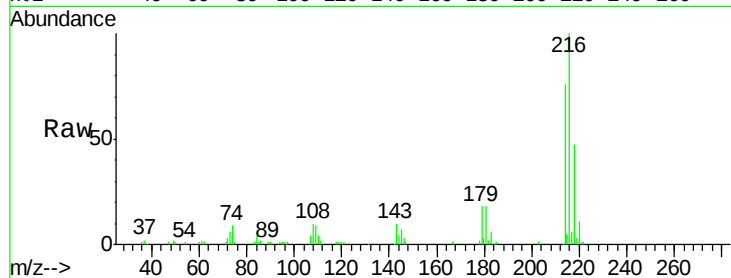




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.34 ng
 RT: 9.73 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

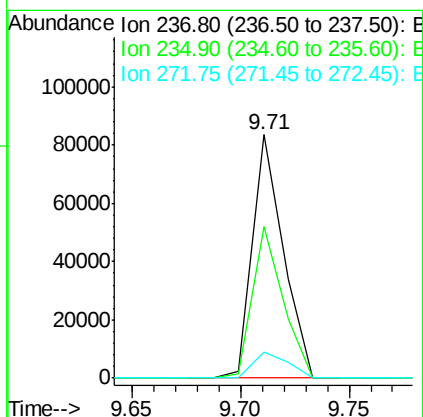
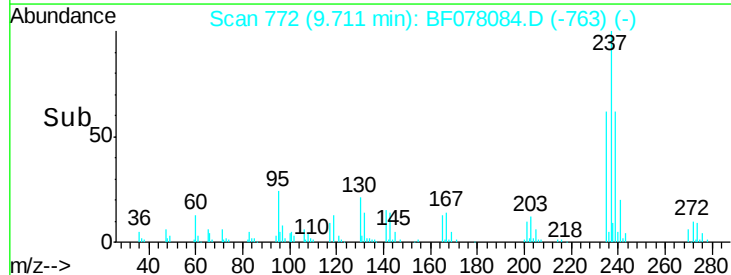
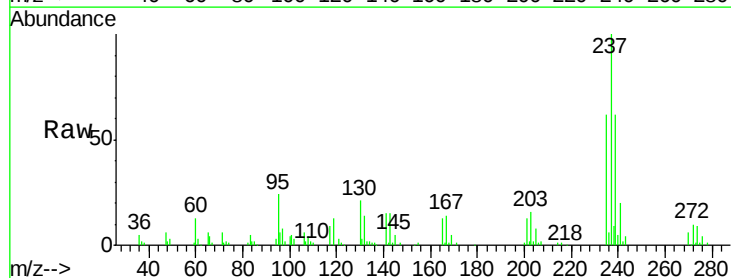
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	216	Resp:	84497
Ion	Ratio	Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	20.4	0.0	0.0#
108	20.0	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 83.89 ng
 RT: 9.71 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion:	237	Resp:	82033
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.0	82.0
272	10.5	0.0	33.4

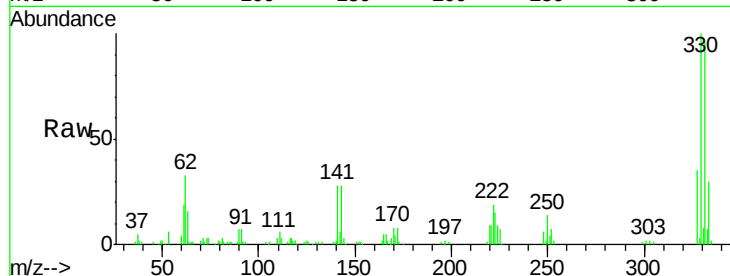




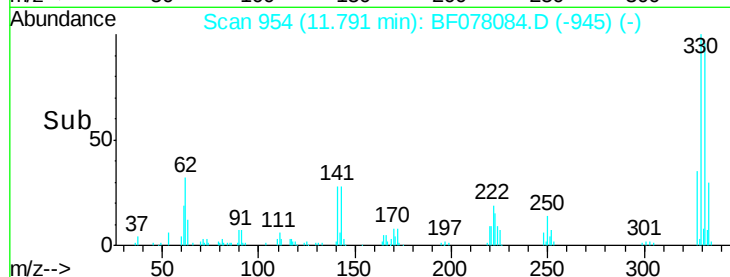
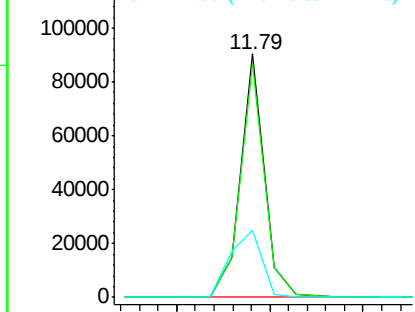
#41
 2,4,6-Tribromophenol
 Concen: 129.08 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 80721
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 37.2 0.0 0.0#

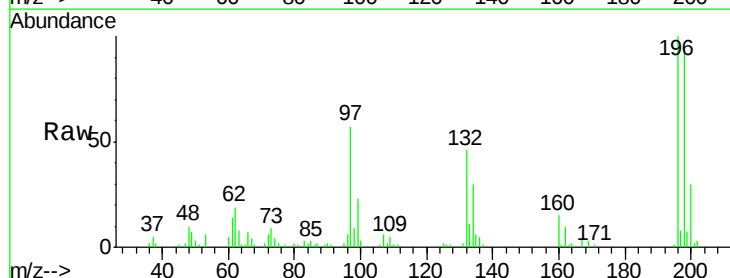


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

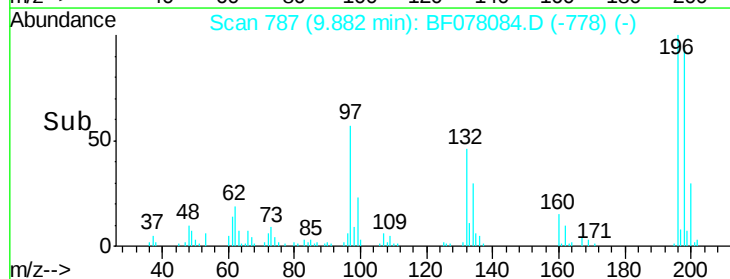
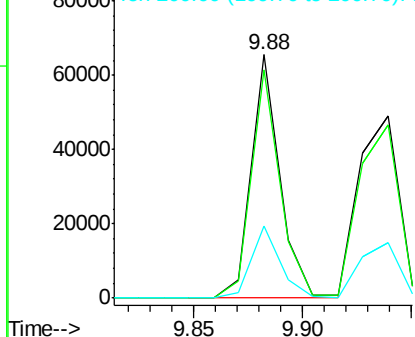


#42
 2,4,6-Trichlorophenol
 Concen: 44.51 ng
 RT: 9.88 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion:196 Resp: 60113
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.3 114.5
 200 29.6 25.6 38.4



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

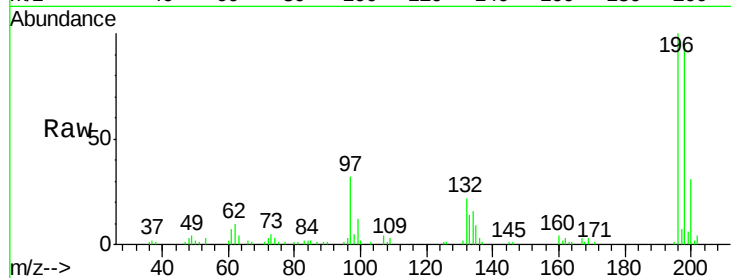




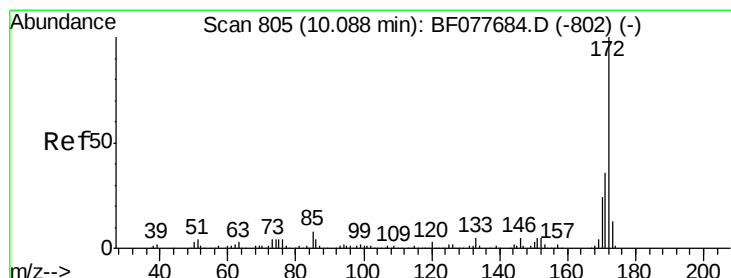
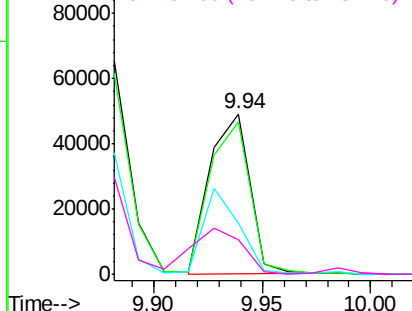
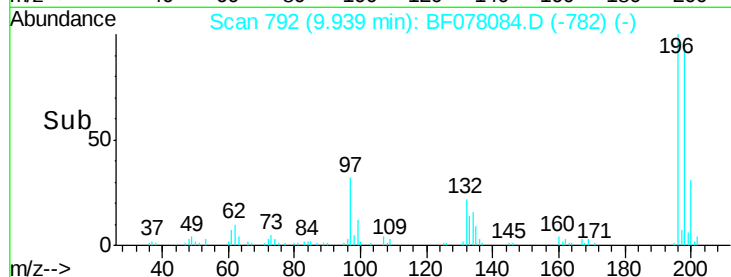
#43
 2,4,5-Trichlorophenol
 Concen: 43.01 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:196 Resp: 62748
 Ion Ratio Lower Upper
 196 100
 198 94.8 79.4 119.0
 97 31.8 26.8 40.2
 132 21.7 18.6 28.0

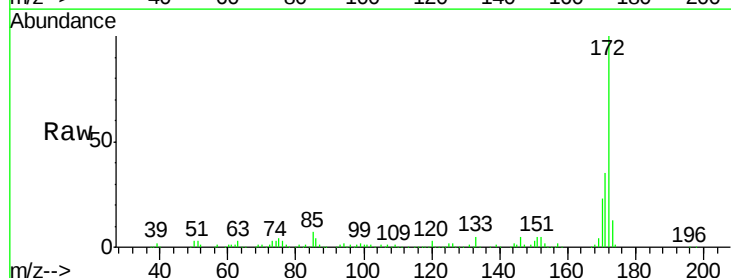


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

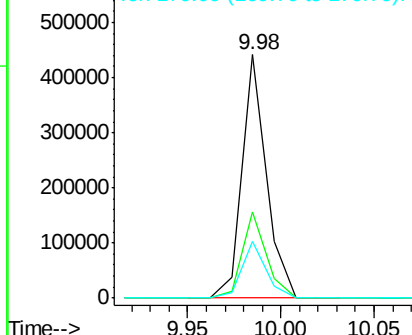
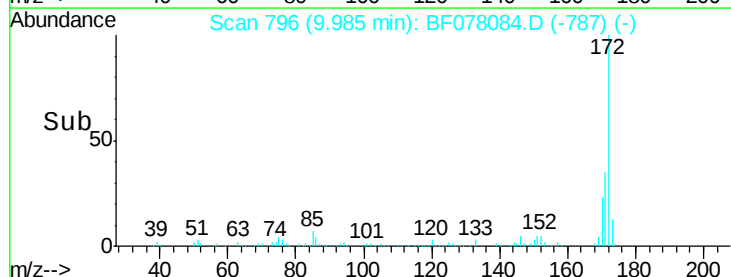


#44
 2-Fluorobiphenyl
 Concen: 90.13 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion:172 Resp: 400880
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.2 18.8 28.2



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

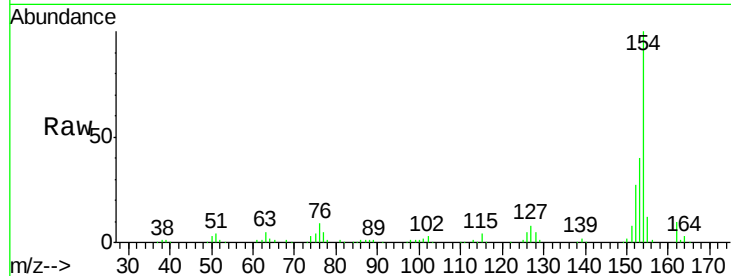




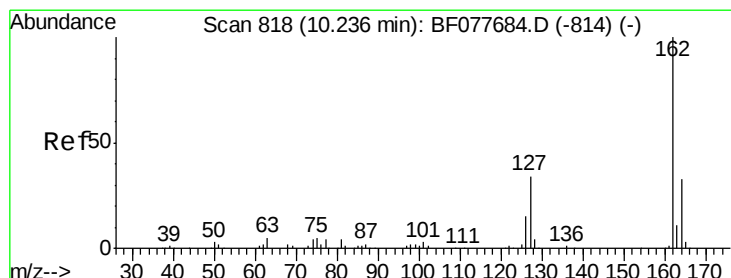
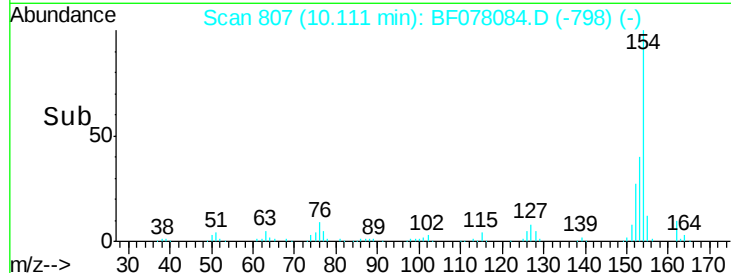
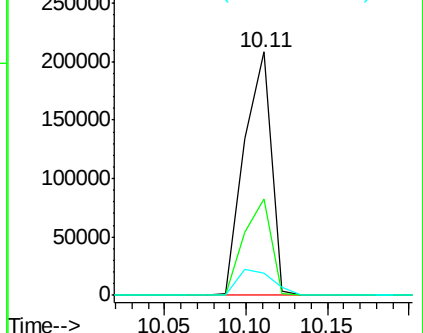
#45
1,1'-Biphenyl
Concen: 45.71 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Instrument :
BNA_F
ClientSampled :

Tgt Ion:154 Resp: 238831
Ion Ratio Lower Upper
154 100
153 39.8 20.7 60.7
76 9.2 0.0 30.9

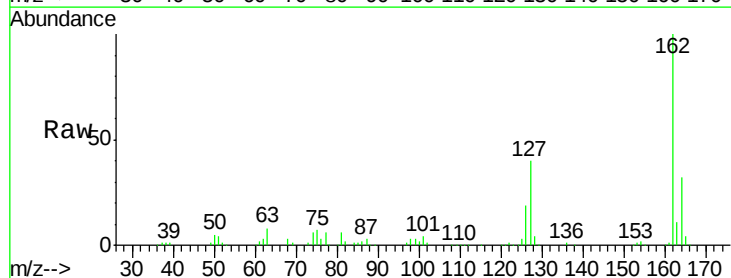


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO

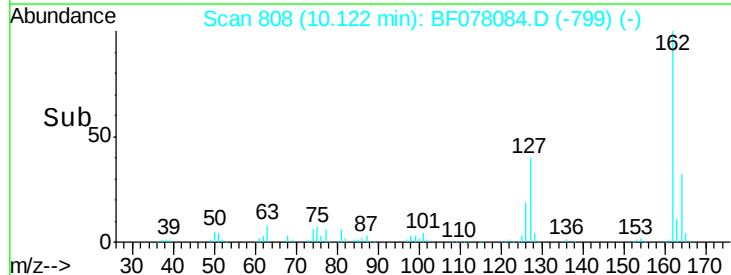
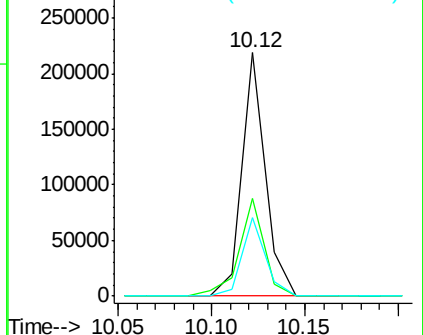


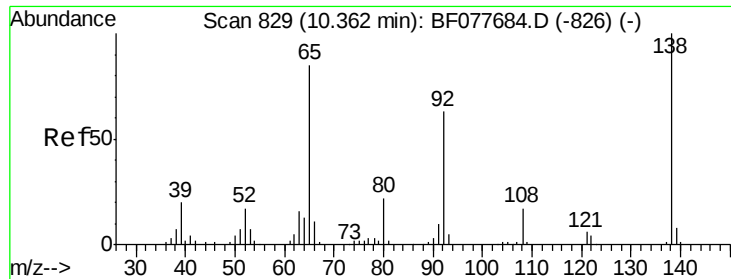
#46
2-Chloronaphthalene
Concen: 45.06 ng
RT: 10.12 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:162 Resp: 191321
Ion Ratio Lower Upper
162 100
127 40.0 26.9 40.3
164 32.5 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

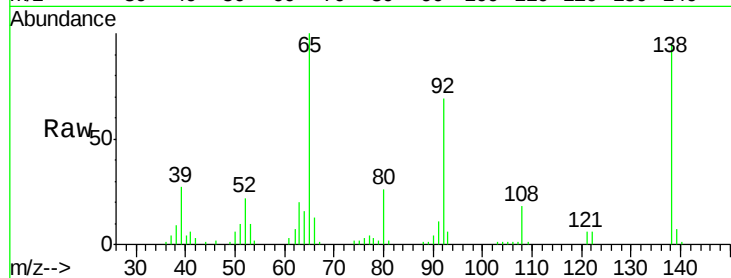




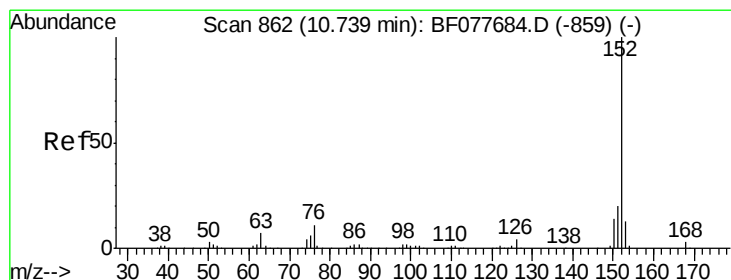
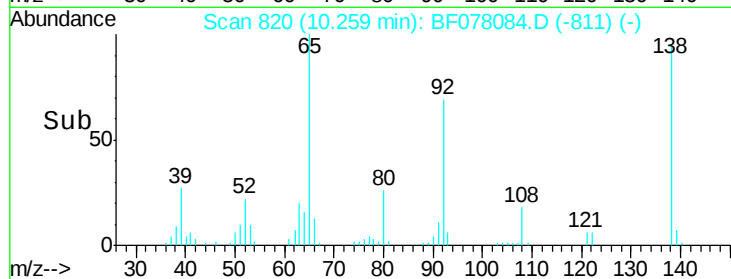
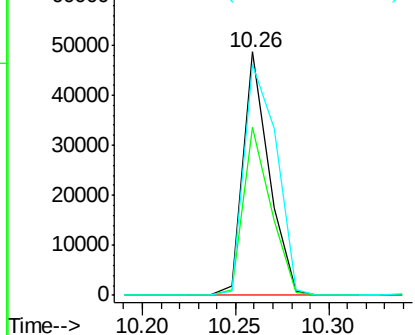
#47
2-Nitroaniline
Concen: 44.67 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 47112
Ion Ratio Lower Upper
65 100
92 69.1 59.1 88.7
138 94.6 93.9 140.9

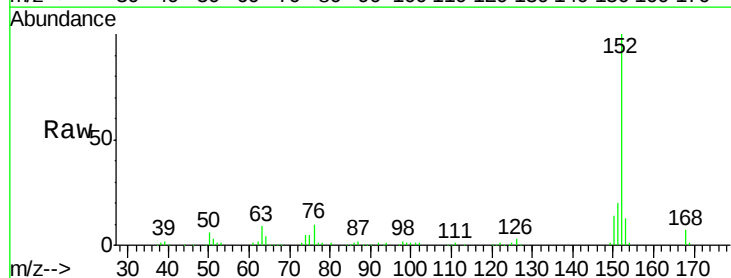


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

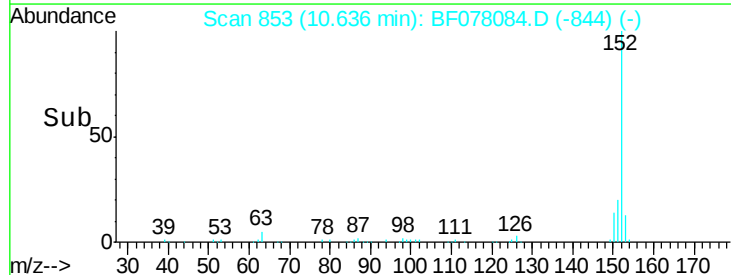
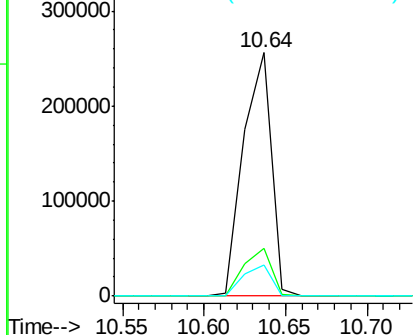


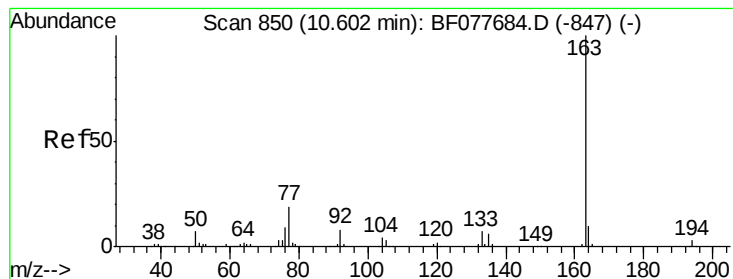
#48
Acenaphthylene
Concen: 42.97 ng
RT: 10.64 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 152 Resp: 303386
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.7 10.6 16.0



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





#49

Dimethylphthalate

Concen: 45.23 ng

RT: 10.50 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

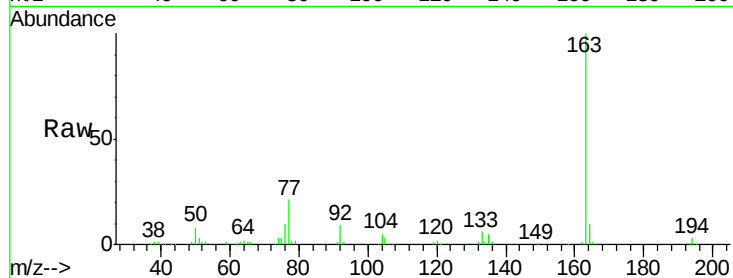
Tgt Ion:163 Resp: 219256

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

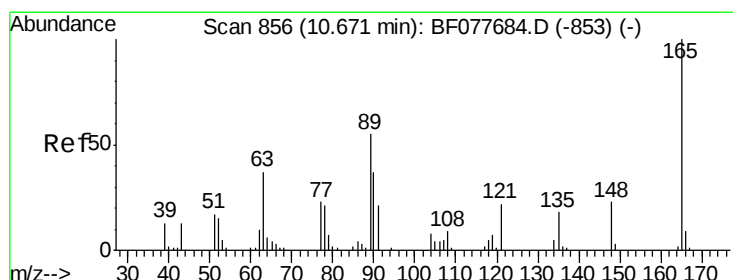
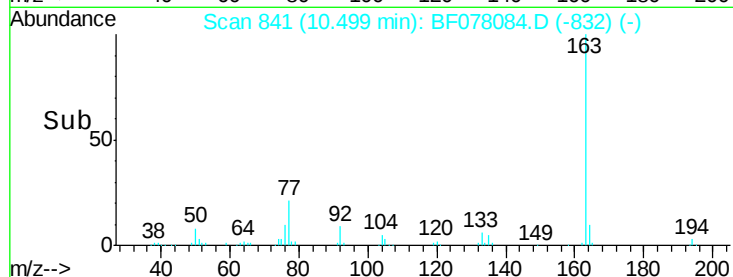
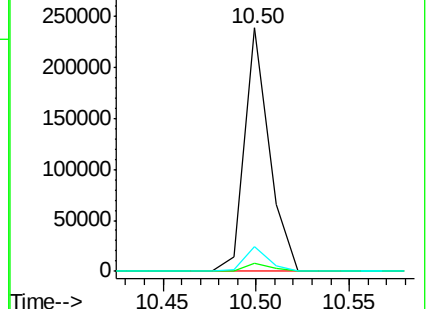
164 10.4 8.2 12.2



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: 46.96 ng

RT: 10.57 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

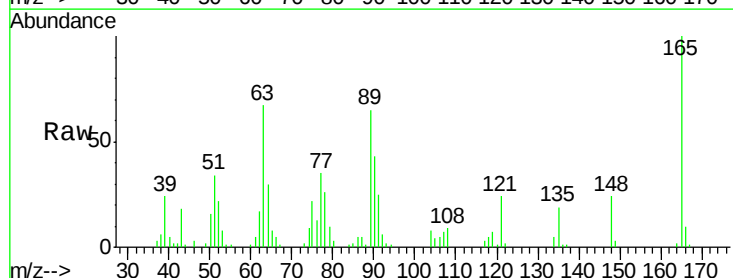
Tgt Ion:165 Resp: 47188

Ion Ratio Lower Upper

165 100

63 66.6 44.1 66.1#

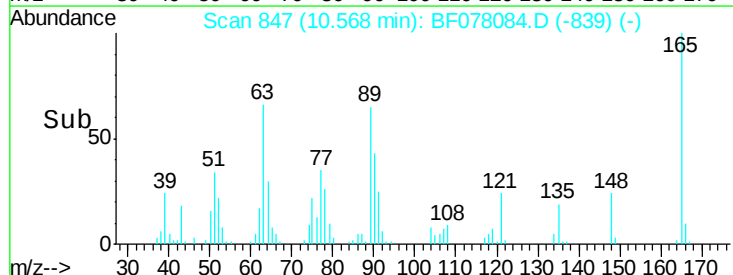
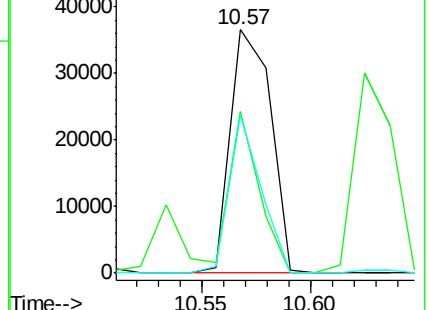
89 64.9 44.3 66.5



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: 42.12 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

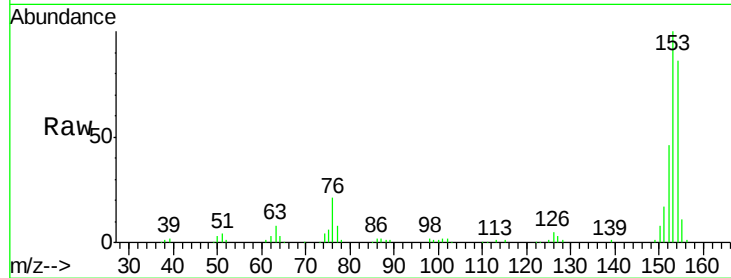
Tgt Ion:154 Resp: 170513

Ion Ratio Lower Upper

154 100

153 116.5 90.0 135.0

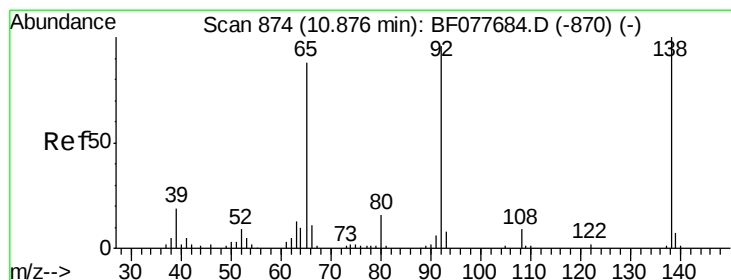
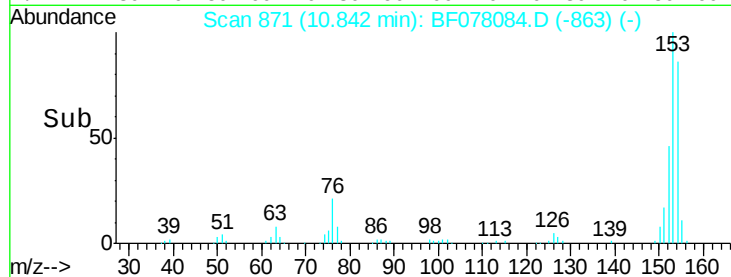
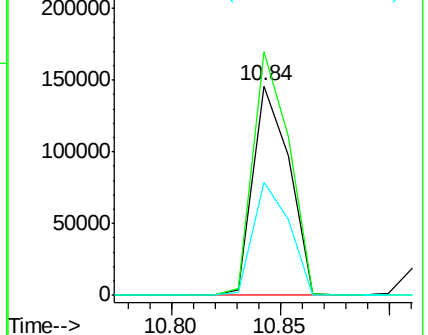
152 54.1 42.6 63.8



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: 27.61 ng

RT: 10.77 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

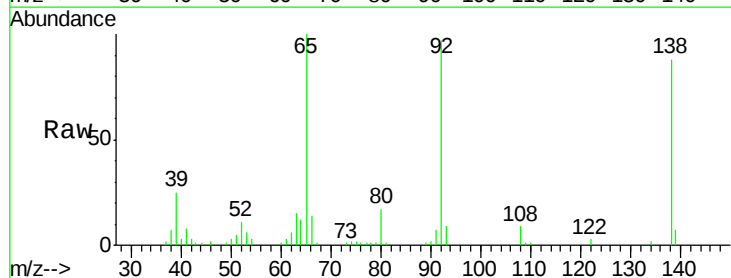
Tgt Ion:138 Resp: 32217

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

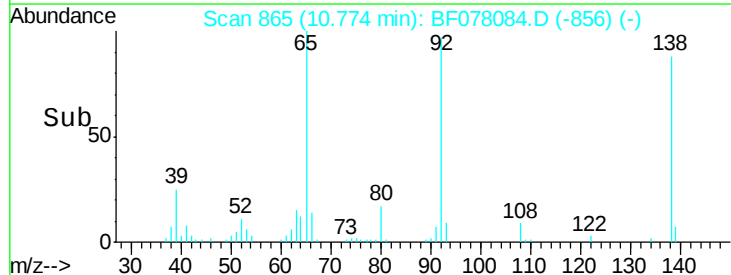
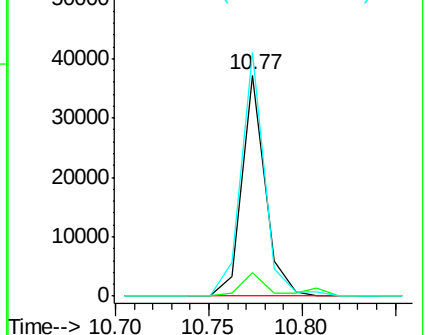
92 110.2 76.6 114.8

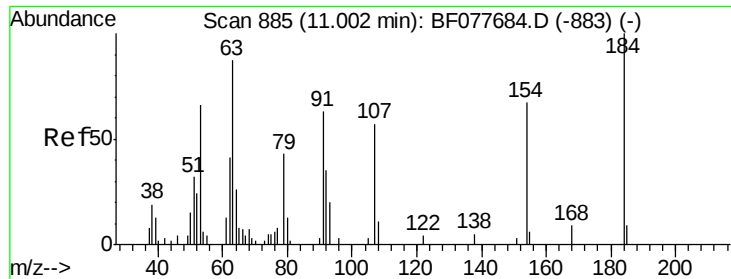


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

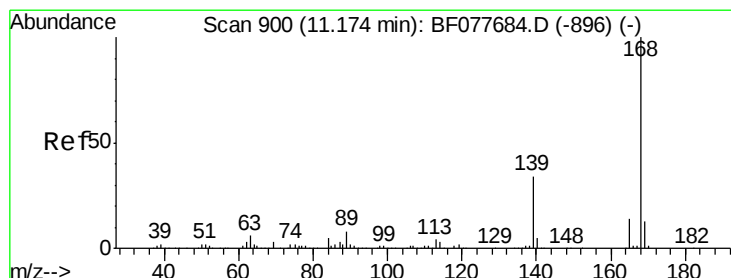
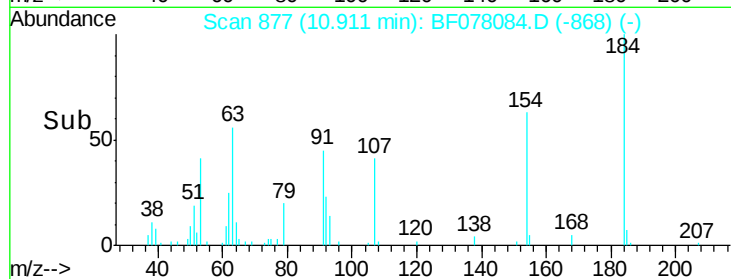
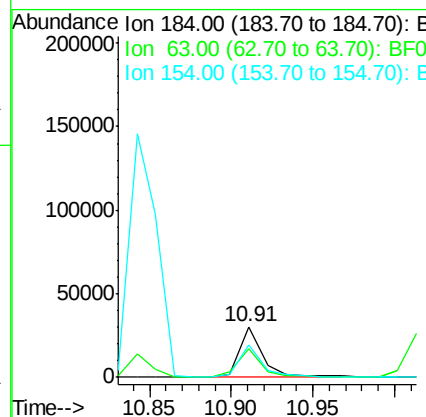
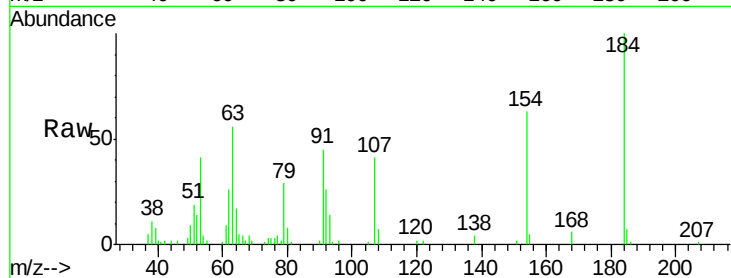




#53
 2,4-Dinitrophenol
 Concen: 81.31 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

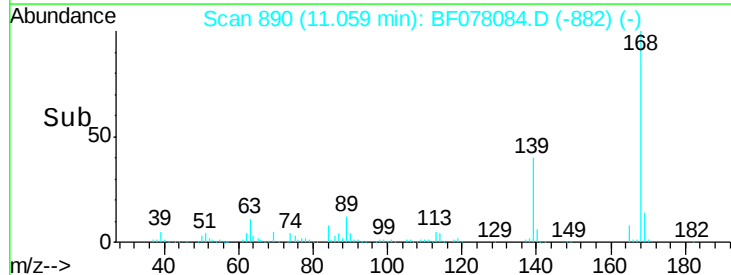
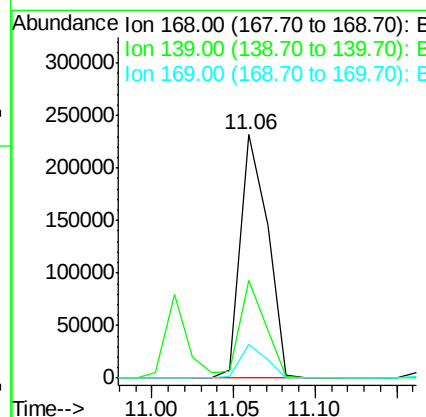
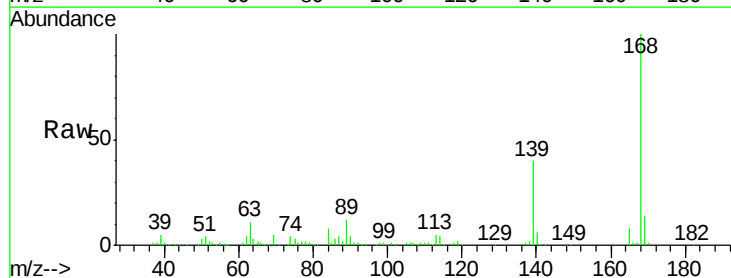
Instrument :
 BNA_F
 ClientSampleId :

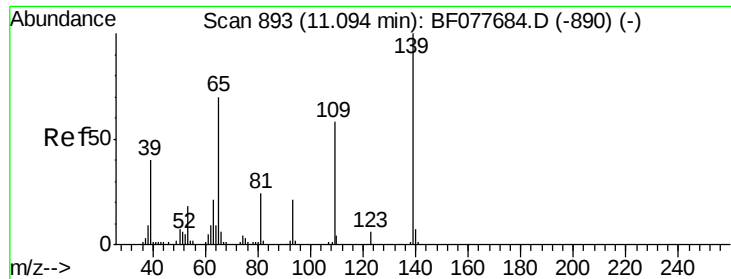
Tgt Ion:184 Resp: 30072
 Ion Ratio Lower Upper
 184 100
 63 55.7 69.2 103.8#
 154 62.7 53.3 79.9



#54
 Dibenzofuran
 Concen: 44.29 ng
 RT: 11.06 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion:168 Resp: 265947
 Ion Ratio Lower Upper
 168 100
 139 39.9 27.3 40.9
 169 13.7 10.6 16.0

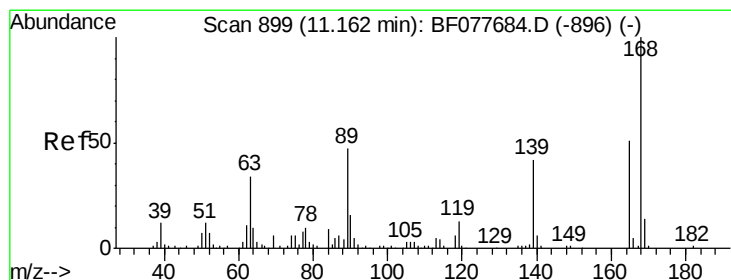
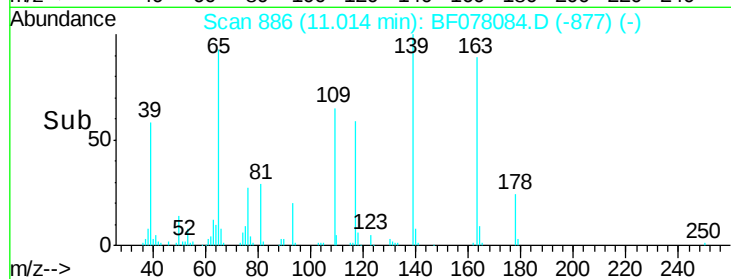
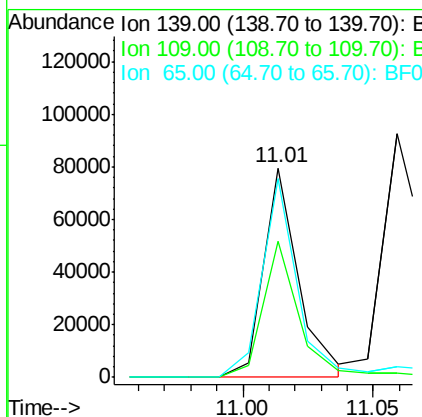
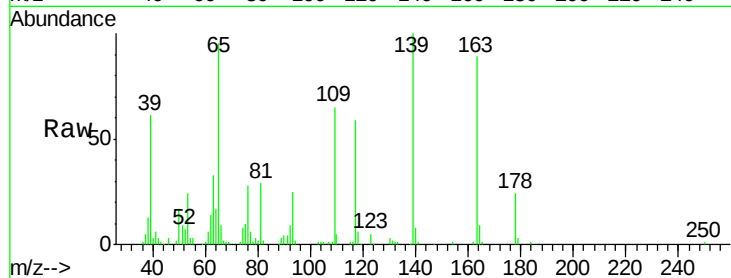




#55
4-Nitrophenol
Concen: 86.66 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

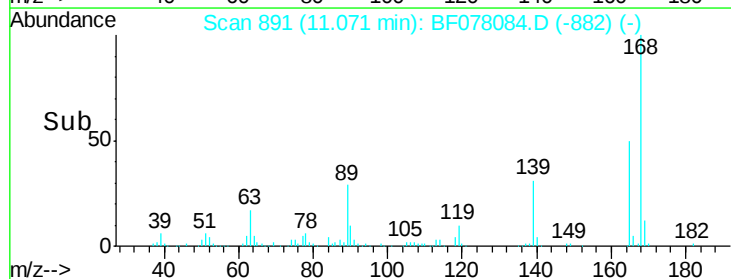
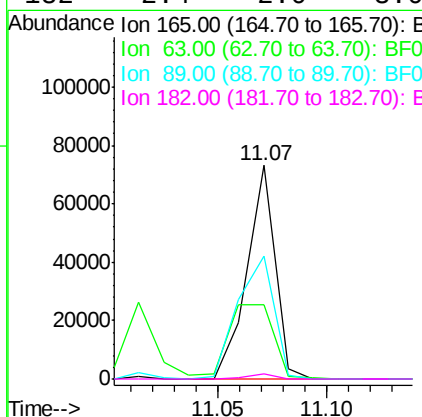
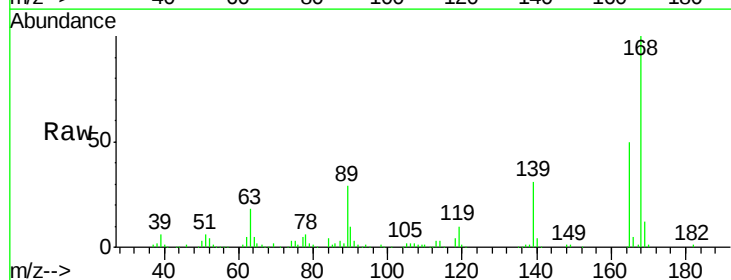
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 74918
Ion Ratio Lower Upper
139 100
109 65.2 37.7 77.7
65 95.1 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 50.16 ng
RT: 11.07 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:165 Resp: 65726
Ion Ratio Lower Upper
165 100
63 34.8 52.4 78.6#
89 57.2 72.4 108.6#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 44.31 ng

RT: 11.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

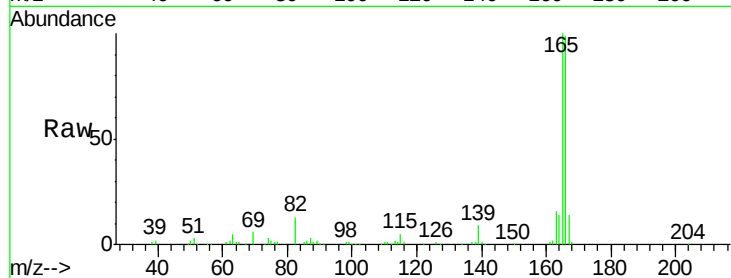
Tgt Ion:166 Resp: 220932

Ion Ratio Lower Upper

166 100

165 100.7 79.0 118.4

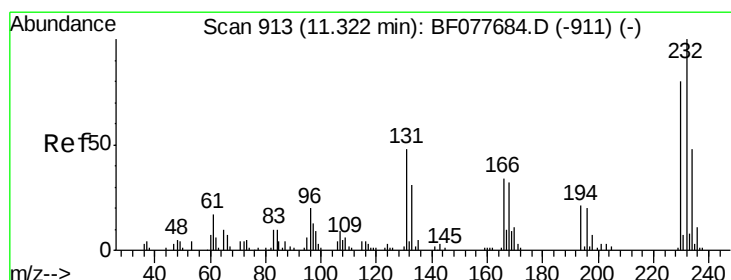
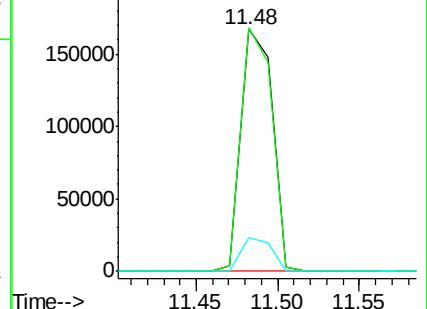
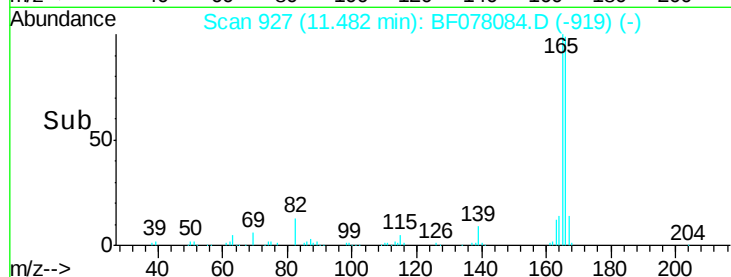
167 13.9 10.3 15.5



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: 43.19 ng

RT: 11.22 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Tgt Ion:232 Resp: 48517

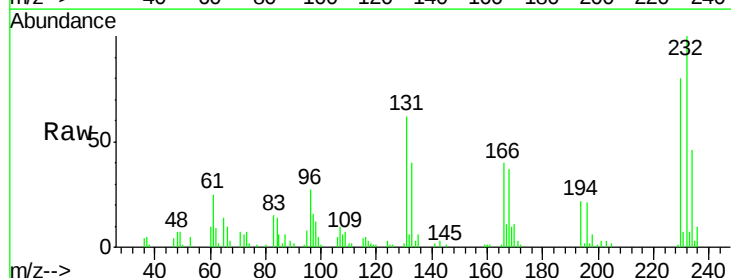
Ion Ratio Lower Upper

232 100

131 48.0 0.0 0.0#

130 1.9 0.0 0.0#

166 32.8 0.0 0.0#

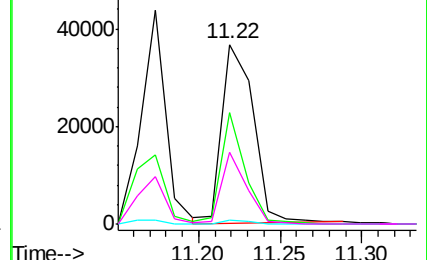
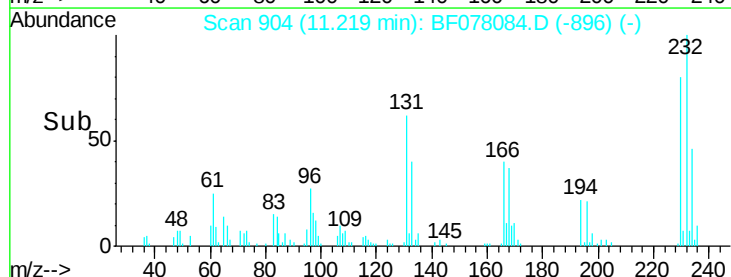


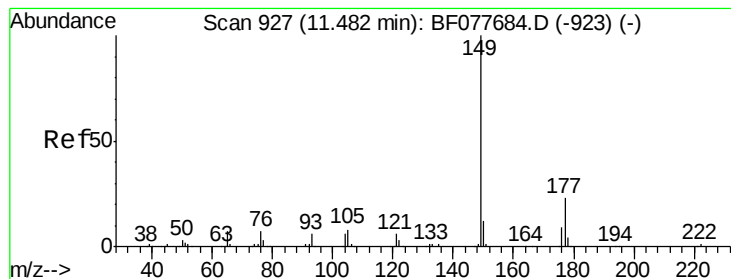
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.60 ng

RT: 11.38 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

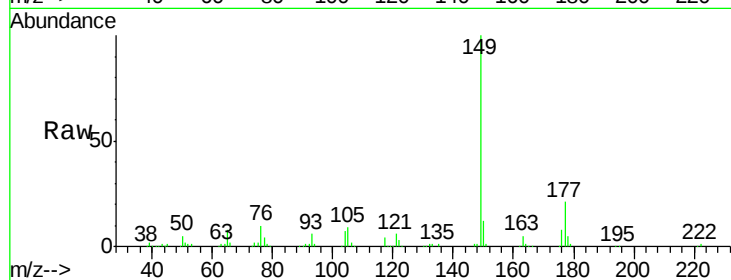
Tgt Ion:149 Resp: 215393

Ion Ratio Lower Upper

149 100

177 20.7 18.3 27.5

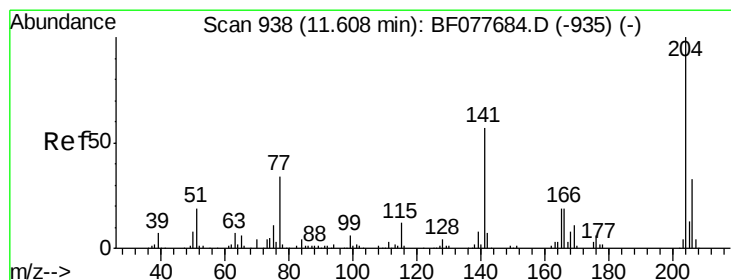
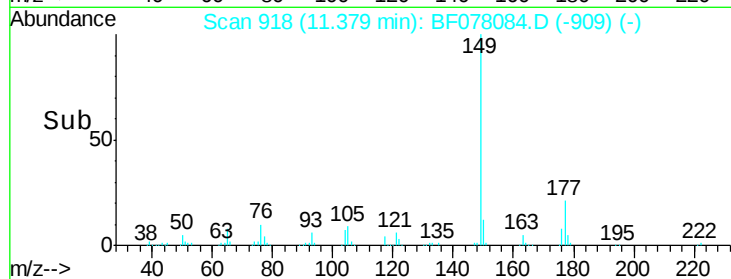
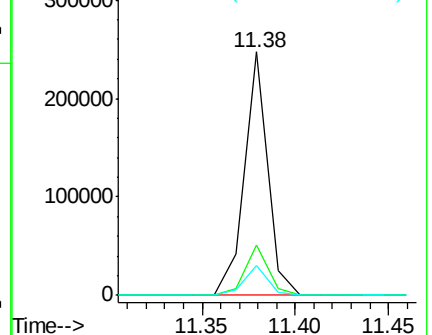
150 12.4 9.8 14.8



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: 44.31 ng

RT: 11.51 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

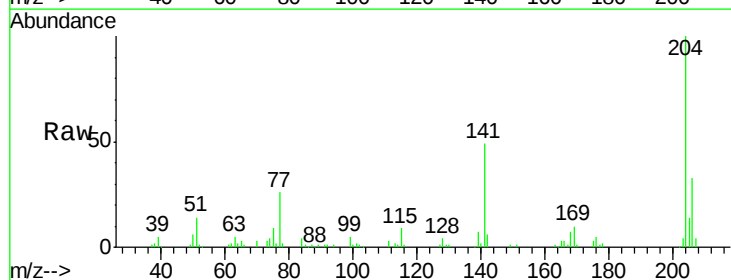
Tgt Ion:204 Resp: 100823

Ion Ratio Lower Upper

204 100

206 32.9 26.6 39.8

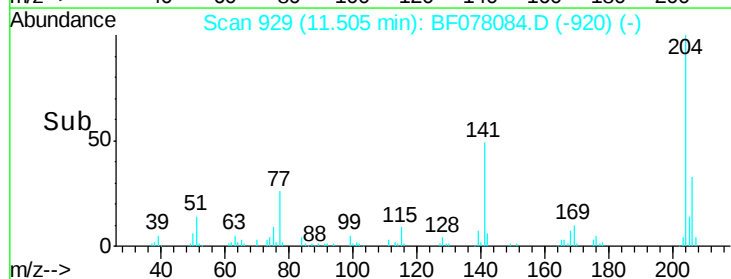
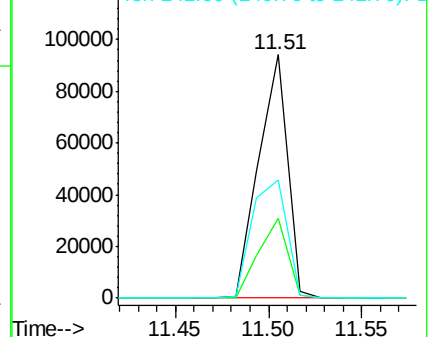
141 48.8 45.2 67.8

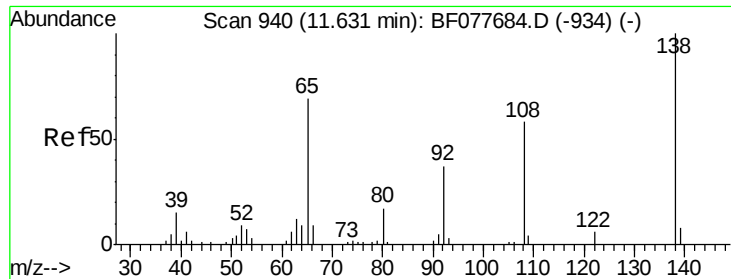


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

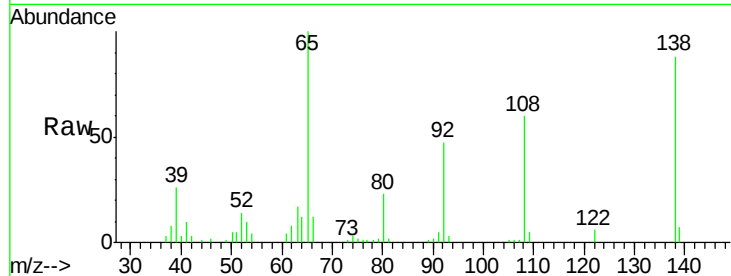




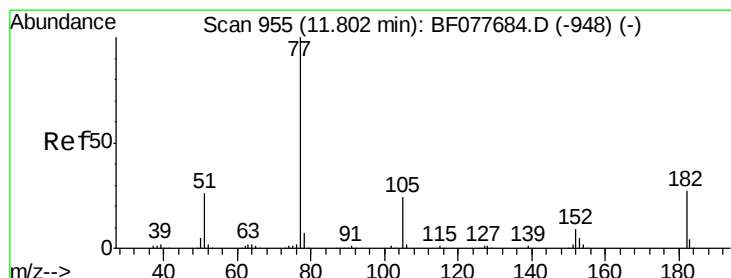
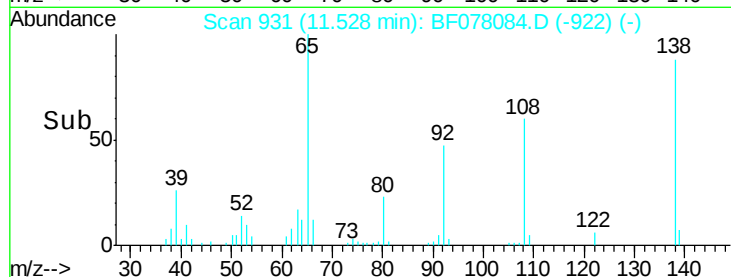
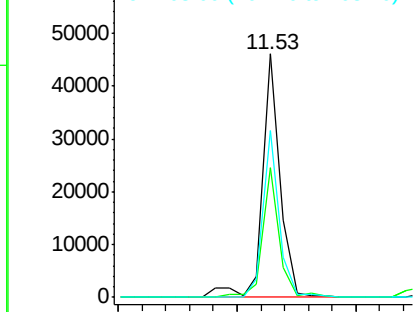
#61
4-Nitroaniline
Concen: 41.48 ng
RT: 11.53 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 138 Resp: 48251
Ion Ratio Lower Upper
138 100
92 53.2 16.7 56.7
108 68.8 37.6 77.6

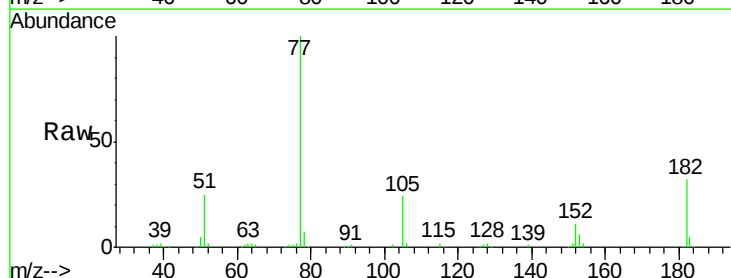


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

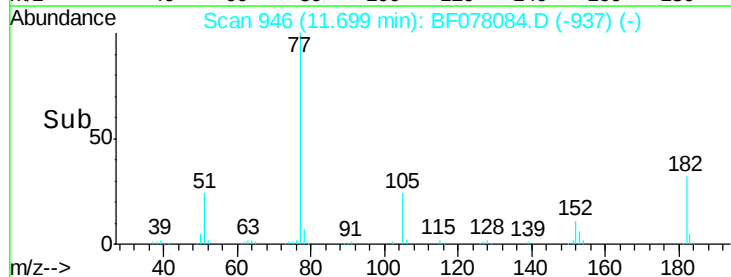
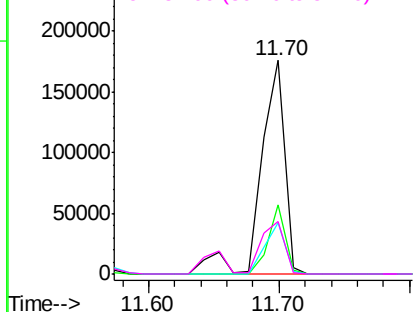


#62
Azobenzene
Concen: 49.56 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 77 Resp: 223761
Ion Ratio Lower Upper
77 100
182 32.2 6.5 46.5
105 24.2 3.8 43.8
51 24.6 5.5 45.5



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

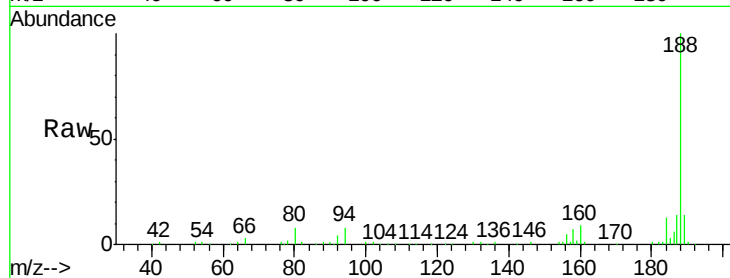




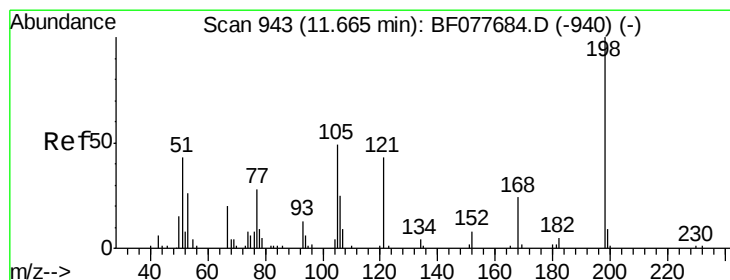
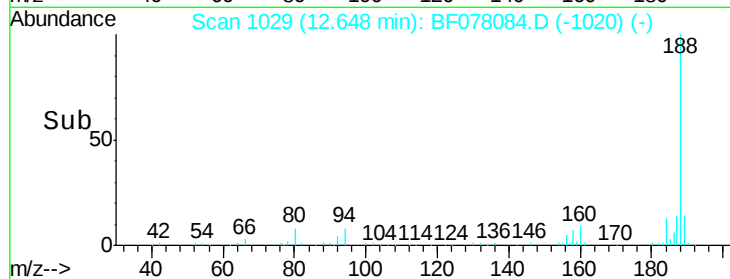
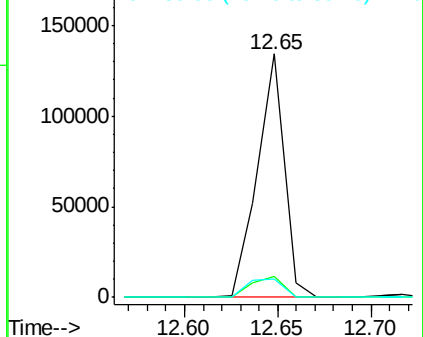
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:188 Resp: 133700
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.7 13.1#
 80 7.7 9.3 13.9#

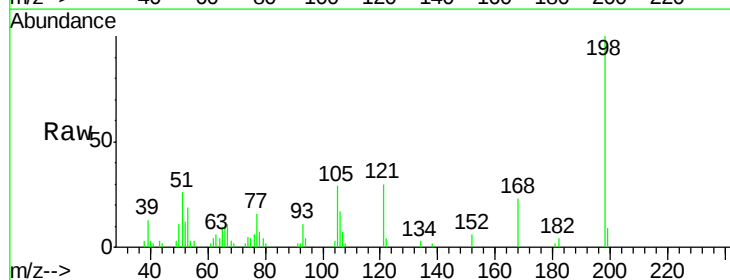


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

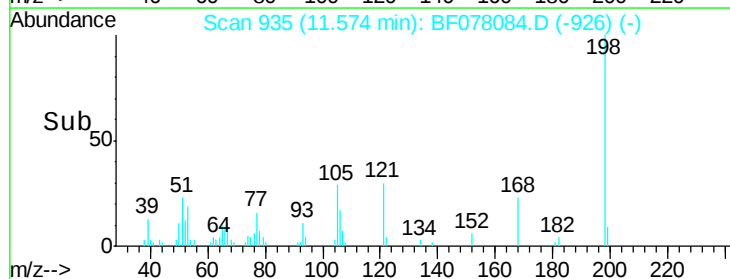
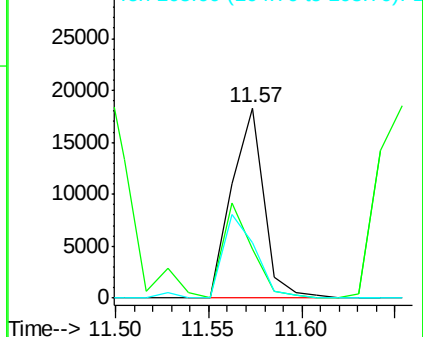


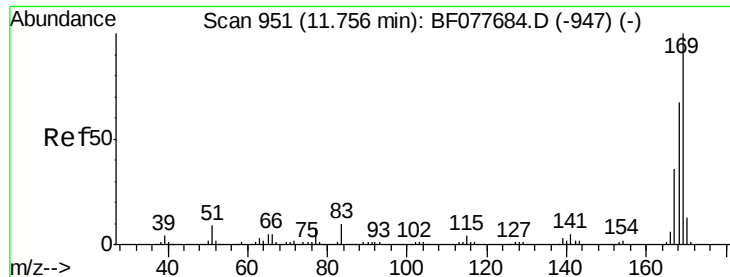
#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.14 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion:198 Resp: 22078
 Ion Ratio Lower Upper
 198 100
 51 25.6 28.8 68.8#
 105 29.3 30.5 70.5#



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

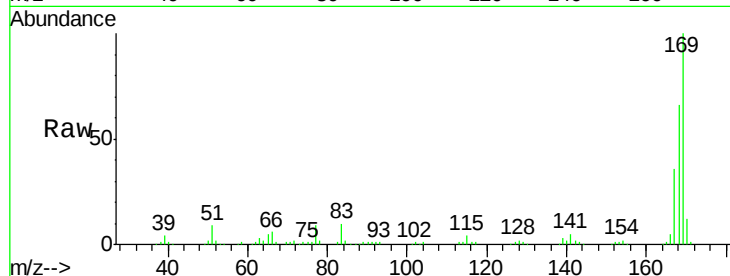




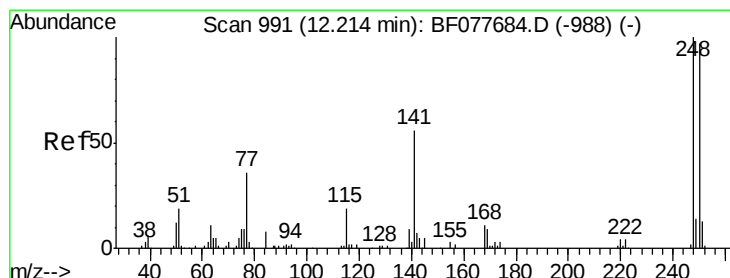
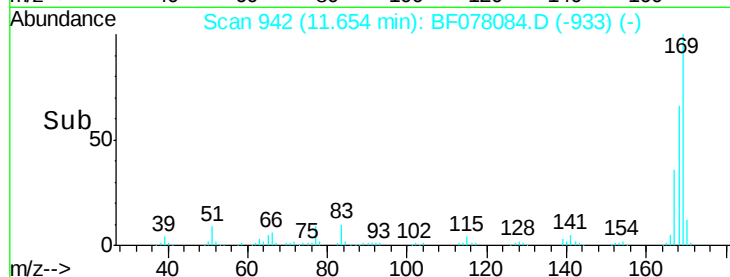
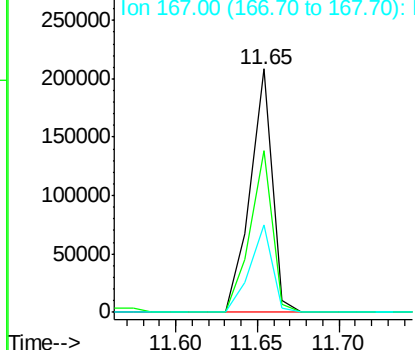
#65
 n-Nitrosodiphenylamine
 Concen: 44.09 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:169 Resp: 196267
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.9 80.9
 167 36.0 28.9 43.3

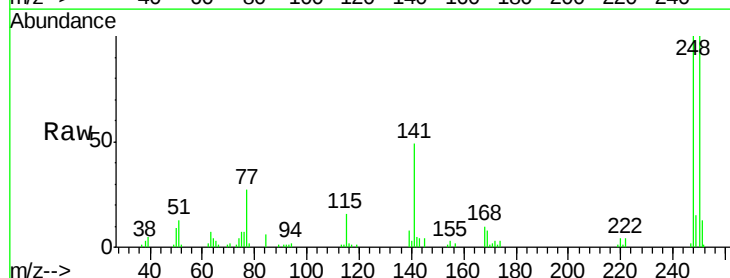


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

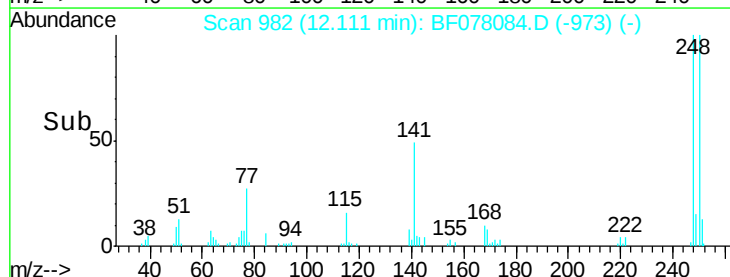
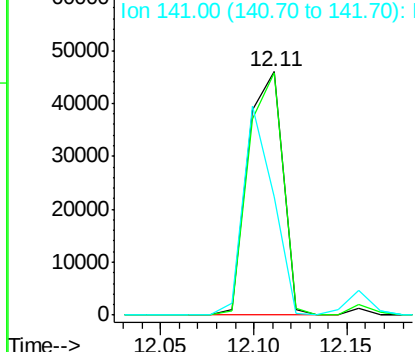


#66
 4-Bromophenyl-phenylether
 Concen: 41.83 ng
 RT: 12.11 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion:248 Resp: 59684
 Ion Ratio Lower Upper
 248 100
 250 99.8 77.4 116.0
 141 48.8 45.2 67.8



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

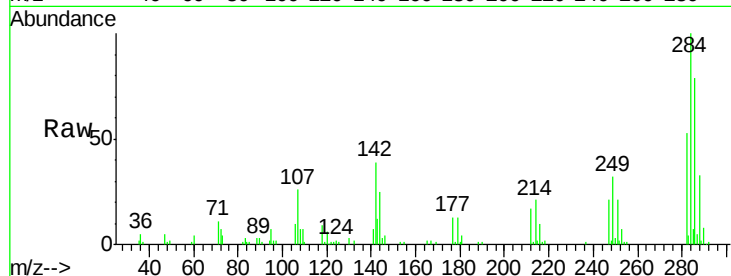




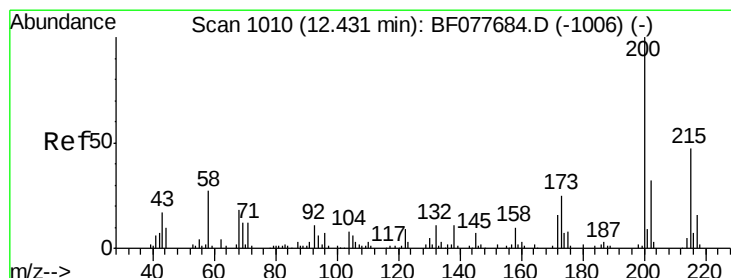
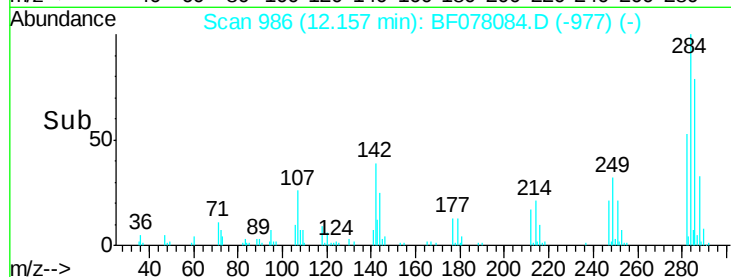
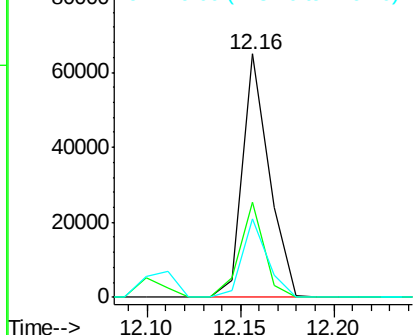
#67
Hexachlorobenzene
Concen: 40.97 ng
RT: 12.16 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 64229
Ion Ratio Lower Upper
284 100
142 39.2 20.4 30.6#
249 32.4 23.8 35.6

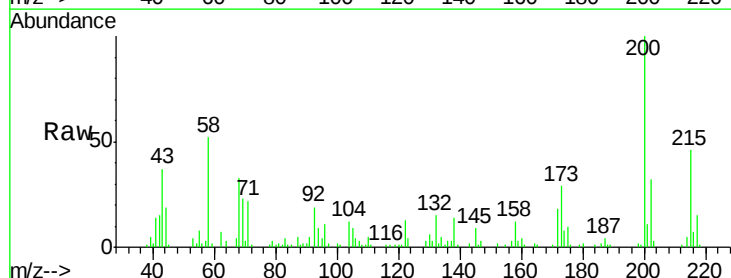


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

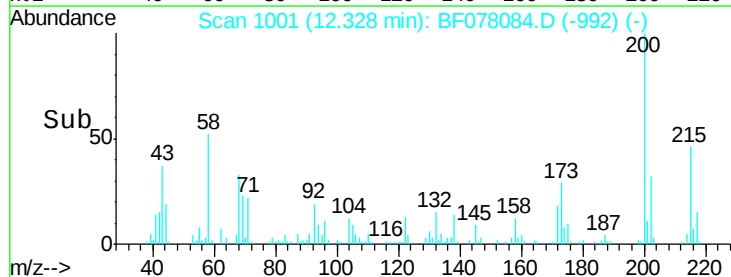
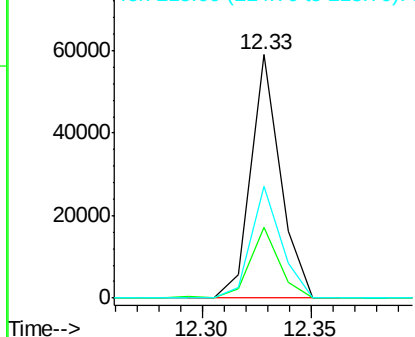


#68
Atrazine
Concen: 44.49 ng
RT: 12.33 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:200 Resp: 55506
Ion Ratio Lower Upper
200 100
173 29.3 4.8 44.8
215 46.2 26.9 66.9



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

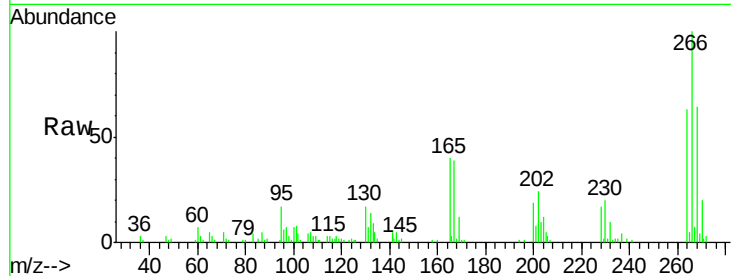




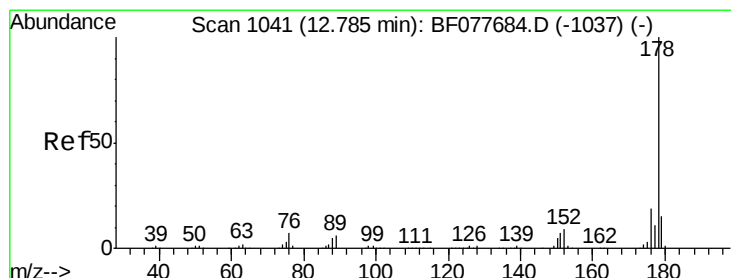
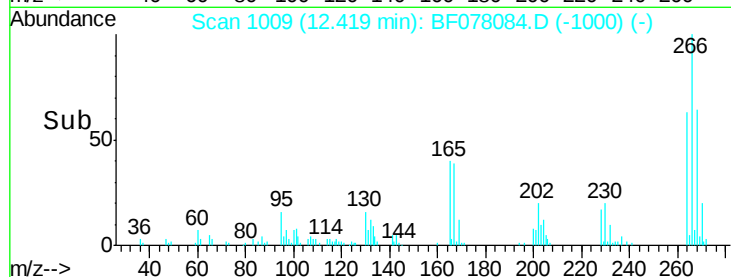
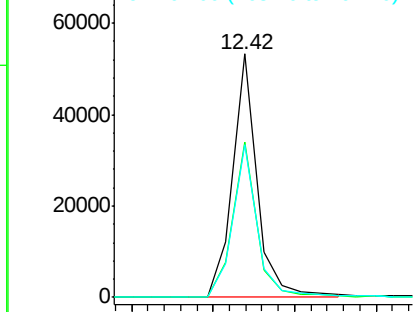
#69
 Pentachlorophenol
 Concen: 67.94 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 266 Resp: 55395
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.0 78.0
 264 62.5 49.0 73.4

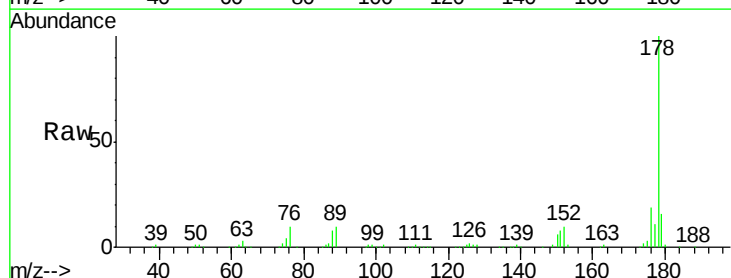


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

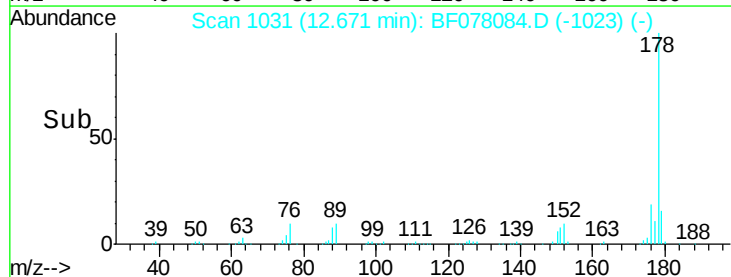
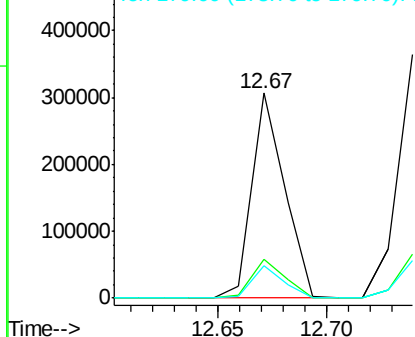


#70
 Phenanthrene
 Concen: 42.12 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion: 178 Resp: 323313
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.8 12.1 18.1



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

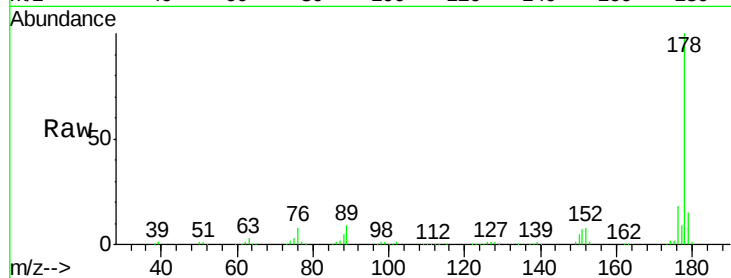




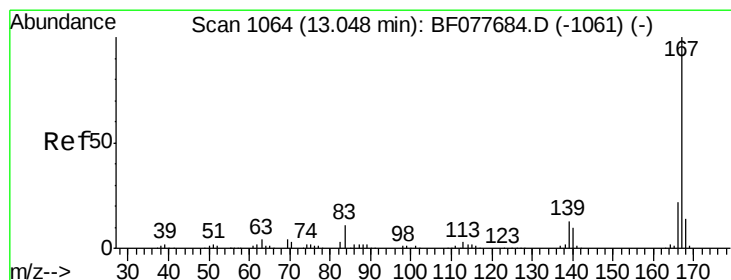
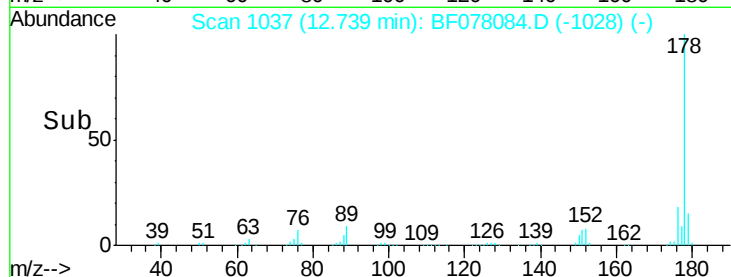
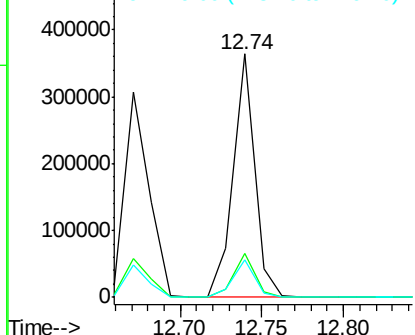
#71
 Anthracene
 Concen: 43.64 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:178 Resp: 330906
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.2 12.6 19.0

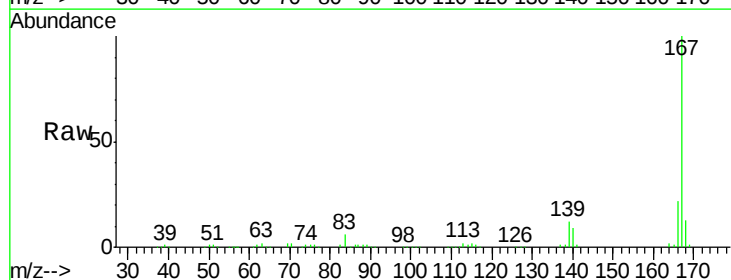


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

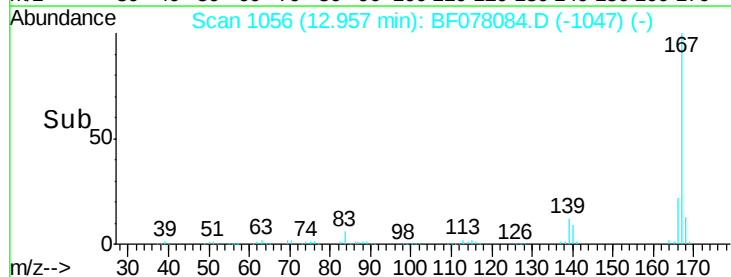
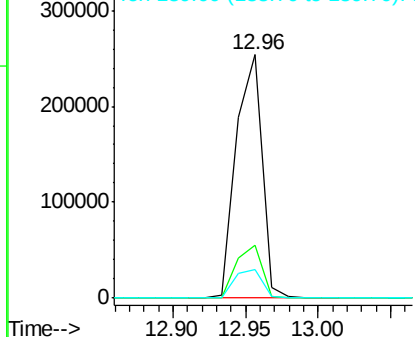


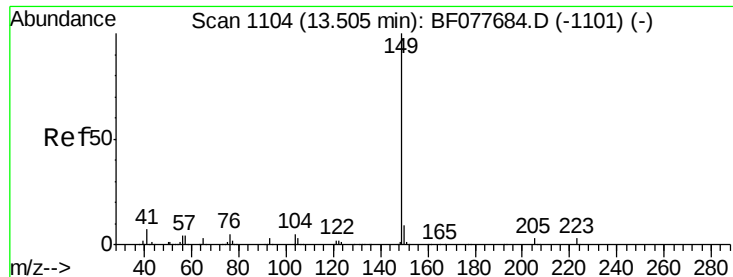
#72
 Carbazole
 Concen: 43.72 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion:167 Resp: 315365
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 11.6 10.8 16.2



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: 42.64 ng

RT: 13.41 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF078084.D

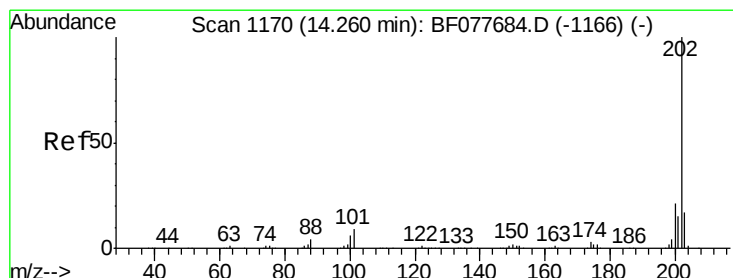
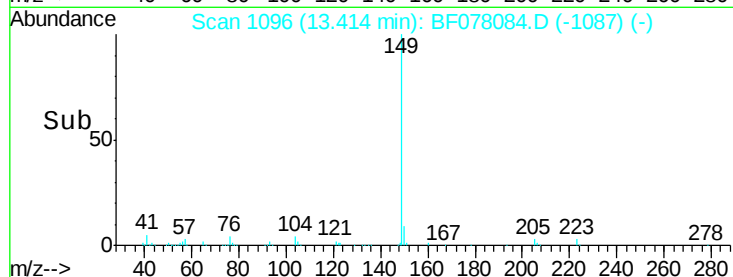
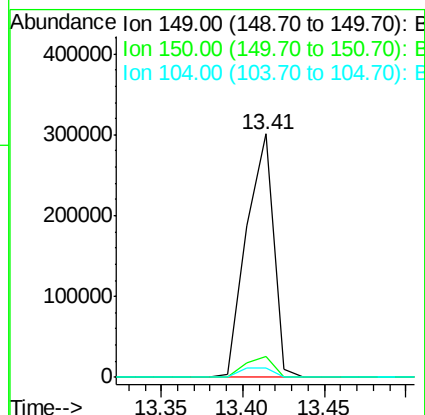
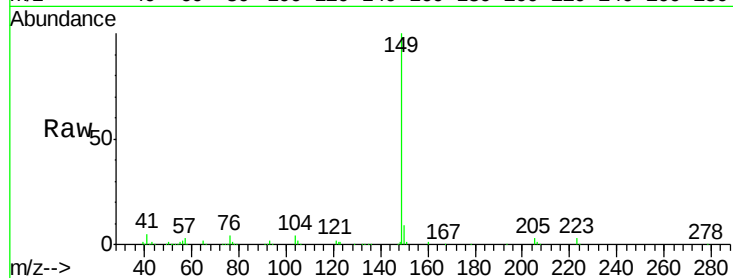
Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	344887
Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	4.1	3.7	5.5



#74

Fluoranthene

Concen: 42.31 ng

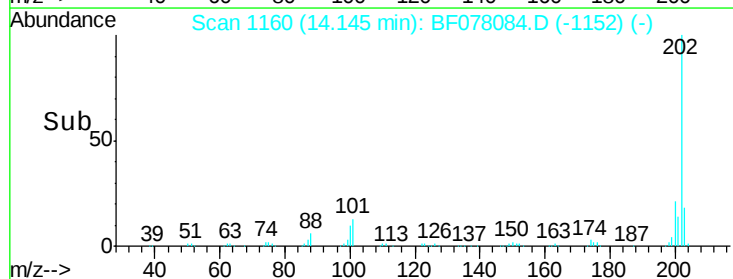
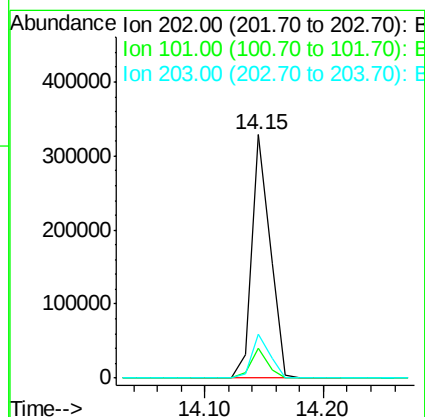
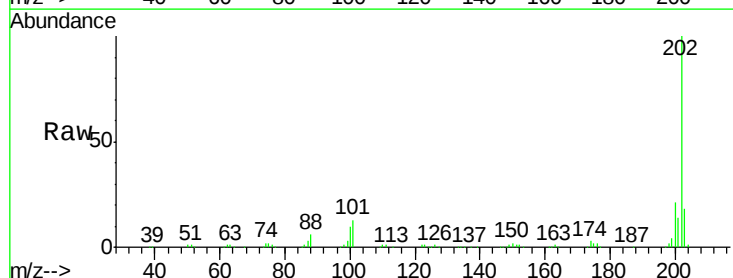
RT: 14.15 min Scan# 1160

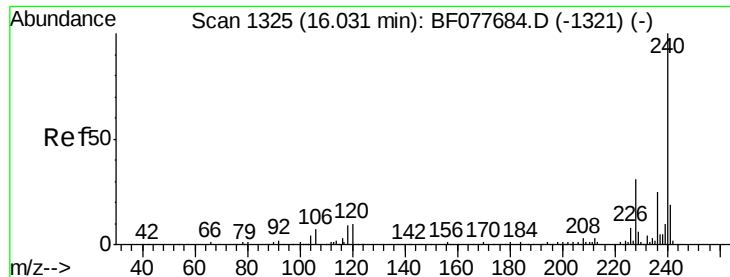
Delta R.T. -0.01 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Tgt Ion:	202	Resp:	358172
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	28.7
203	17.9	0.0	37.2

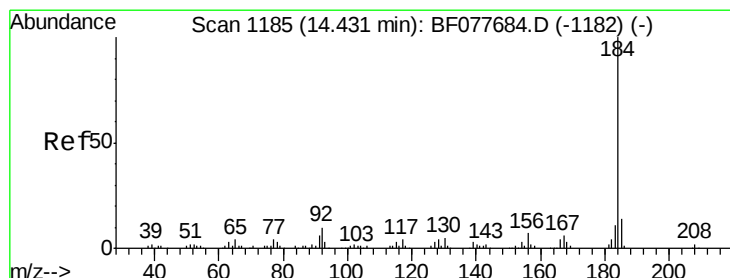
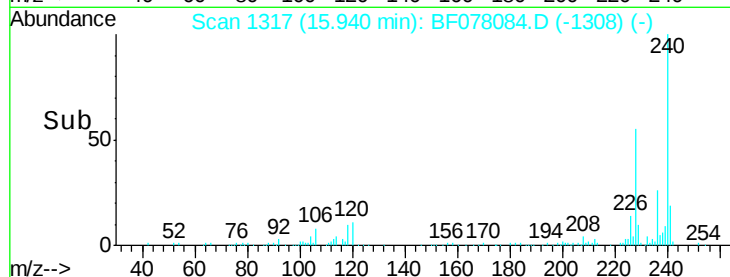
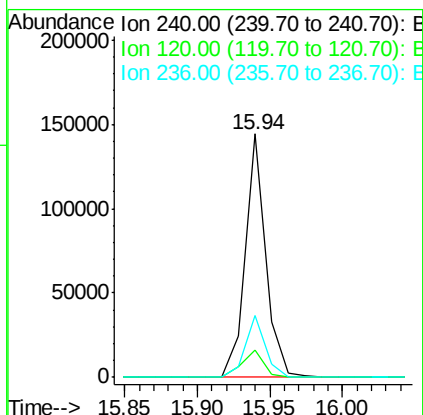
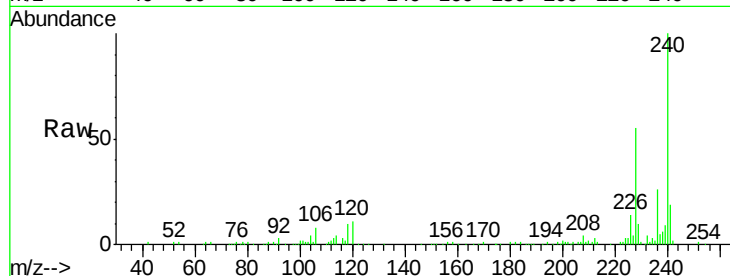




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

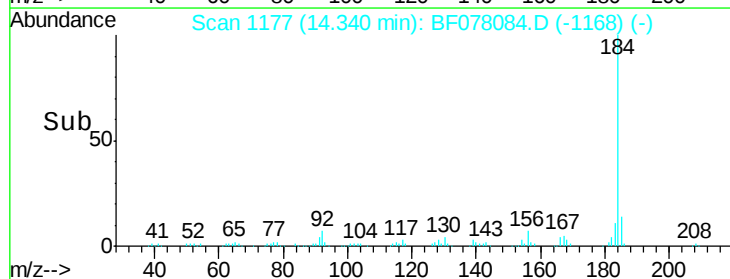
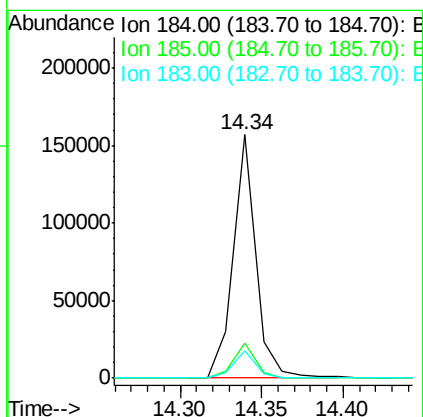
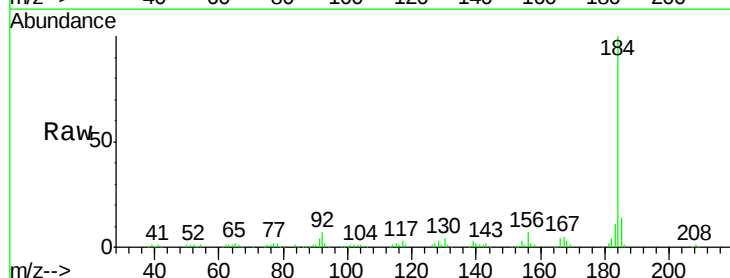
Instrument :
BNA_F
ClientSampleId :

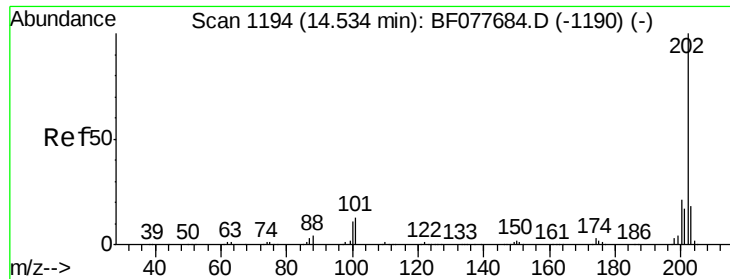
Tgt Ion:240 Resp: 141352
Ion Ratio Lower Upper
240 100
120 11.4 8.2 12.2
236 25.5 20.0 30.0



#76
Benzidine
Concen: 43.00 ng
RT: 14.34 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:184 Resp: 150218
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.0 8.9 13.3

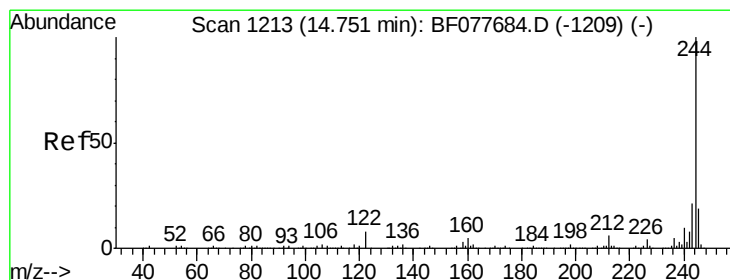
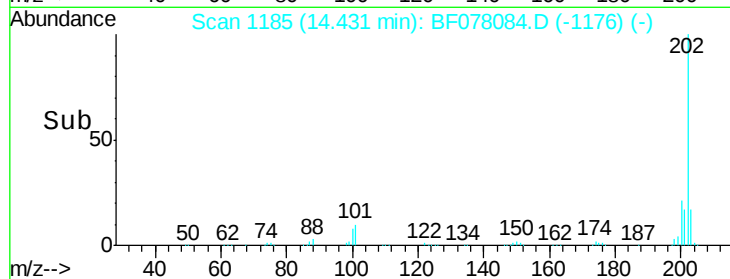
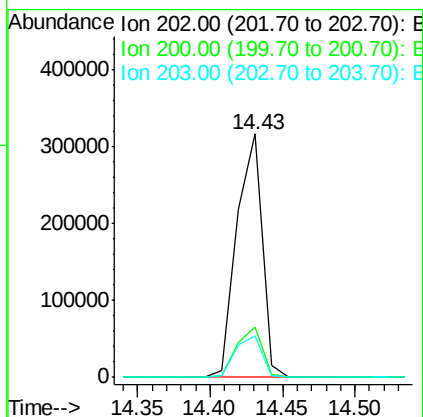
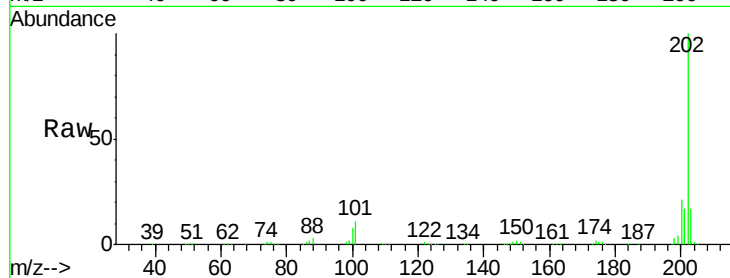




#77
 Pyrene
 Concen: 43.33 ng
 RT: 14.43 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

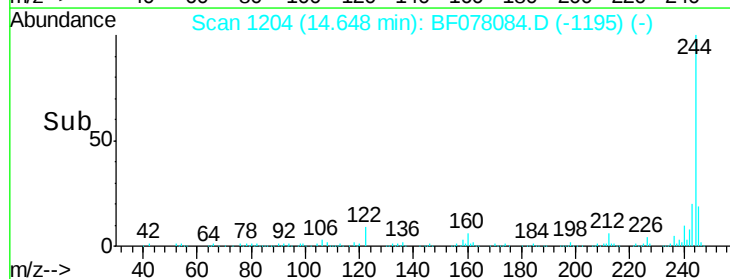
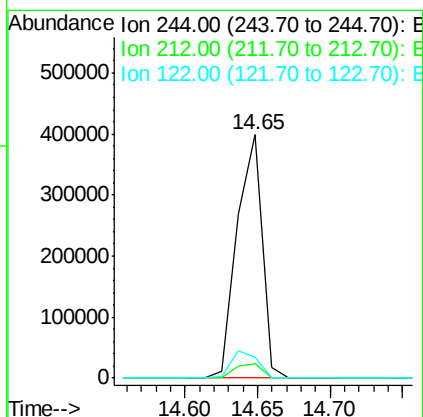
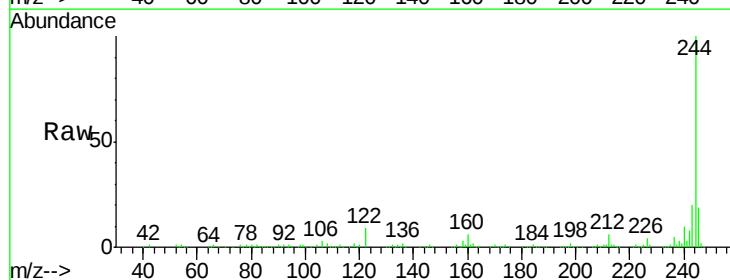
Instrument :
 BNA_F
 ClientSampleId :

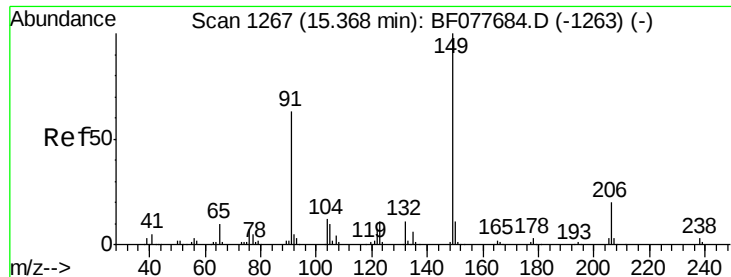
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.1	14.1	21.1



#78
 Terphenyl-d14
 Concen: 82.74 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.9	7.3
122	8.6	6.2	9.4

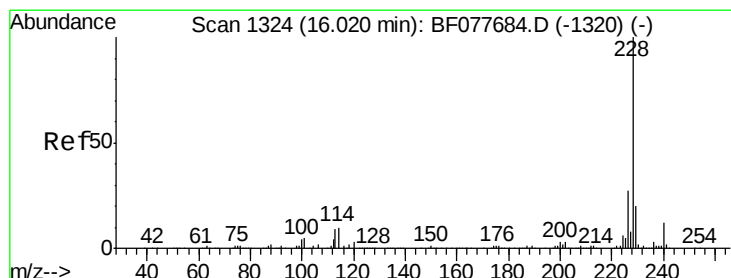
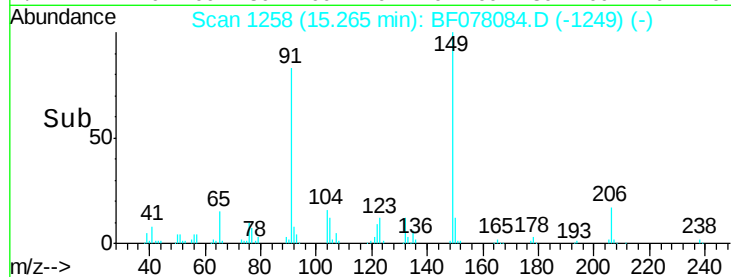
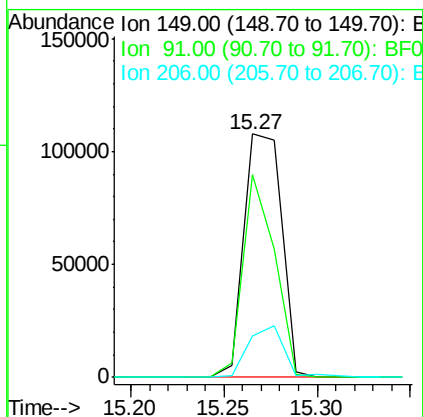
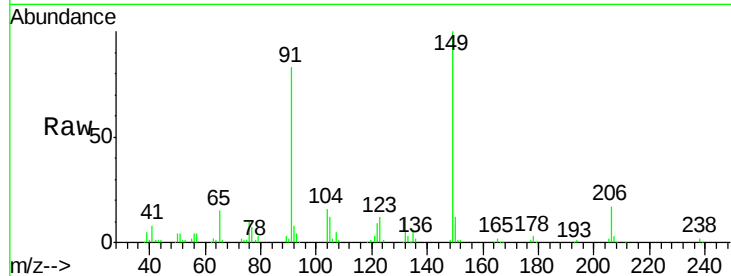




#79
Butylbenzylphthalate
Concen: 43.36 ng
RT: 15.27 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

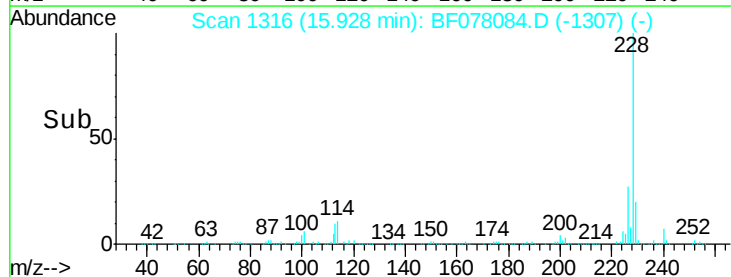
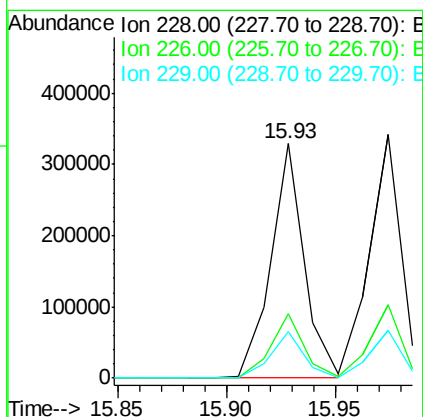
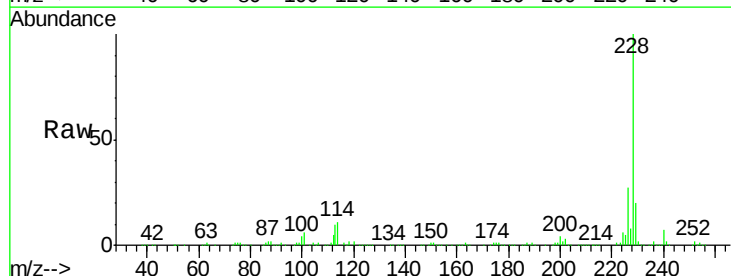
Instrument :
BNA_F
ClientSampleID :

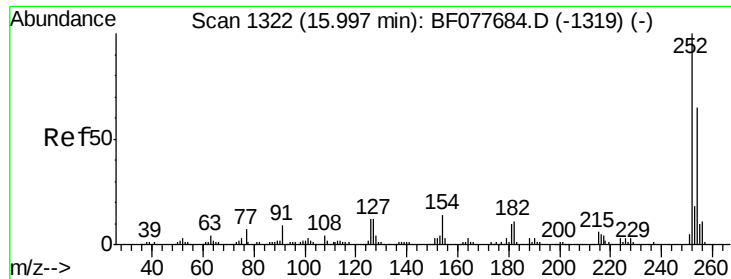
Tgt Ion:149 Resp: 151943
Ion Ratio Lower Upper
149 100
91 83.0 50.1 75.1#
206 16.7 16.2 24.2



#80
Benzo(a)anthracene
Concen: 42.16 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:228 Resp: 353266
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.9 16.0 24.0

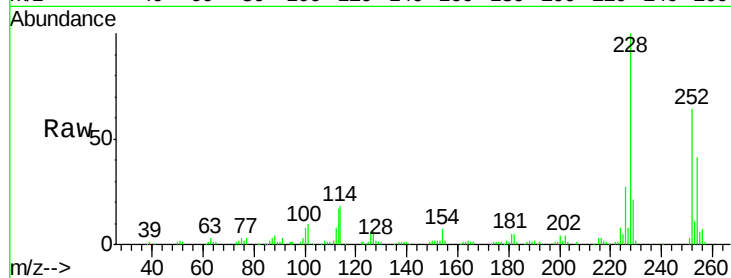




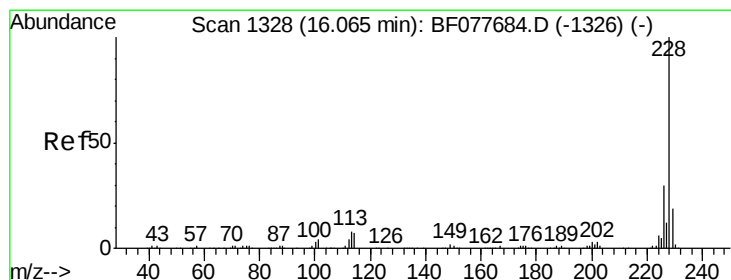
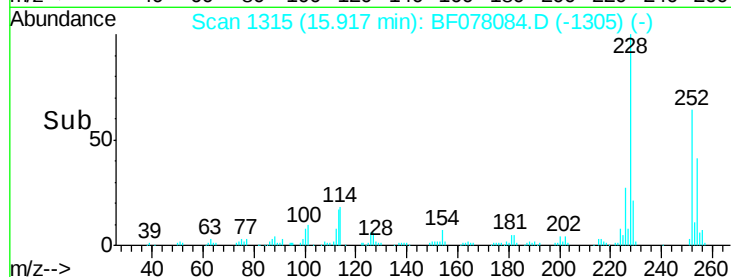
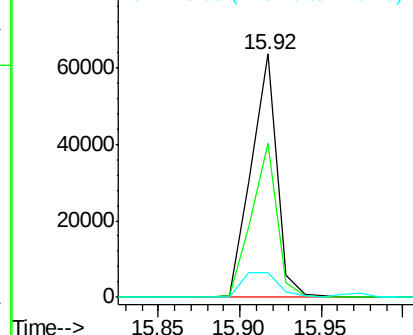
#81
 3,3'-Dichlorobenzidine
 Concen: 25.19 ng
 RT: 15.92 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:252 Resp: 69636
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.9 77.9
 126 10.0 9.8 14.8

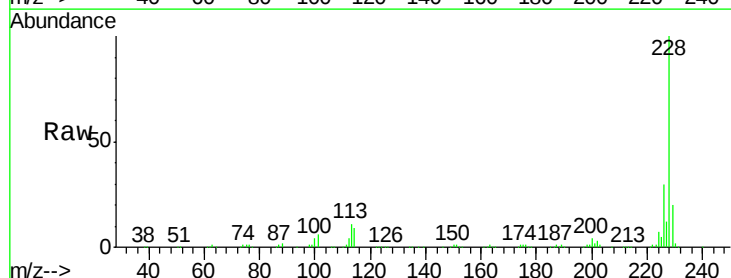


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

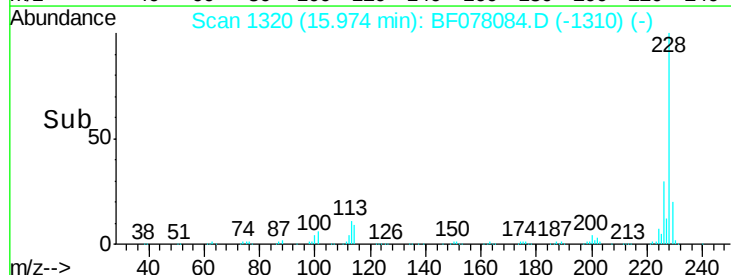
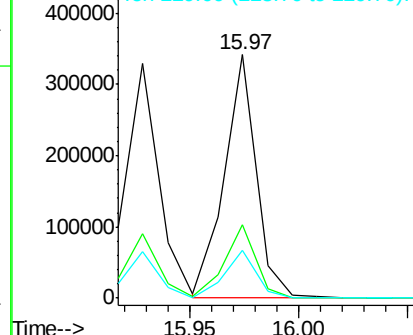


#82
 Chrysene
 Concen: 45.89 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion:228 Resp: 345720
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.1 36.1
 229 19.9 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.72 ng

RT: 16.01 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :

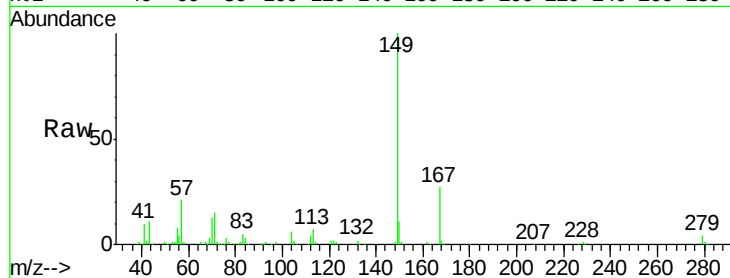
Tgt Ion:149 Resp: 226787

Ion Ratio Lower Upper

149 100

167 26.8 22.4 33.6

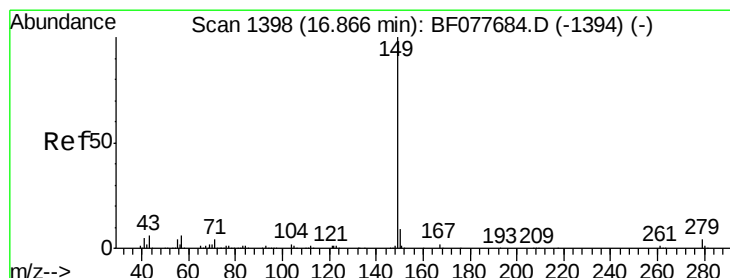
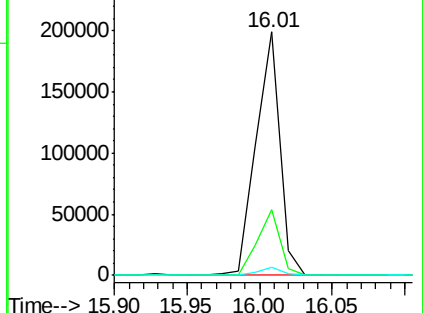
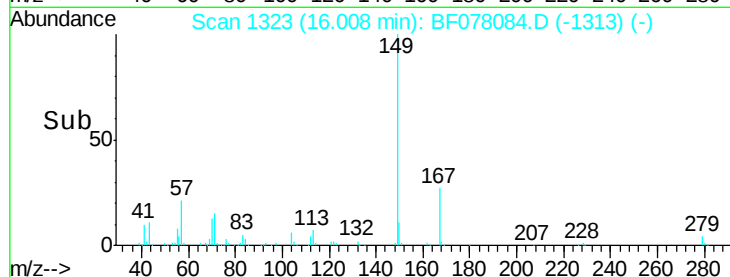
279 3.5 3.4 5.0



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: 41.94 ng

RT: 16.82 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

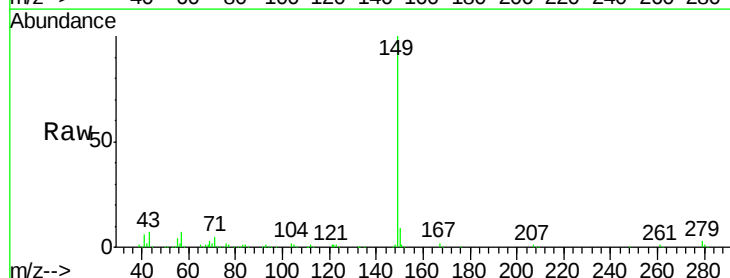
Tgt Ion:149 Resp: 380670

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

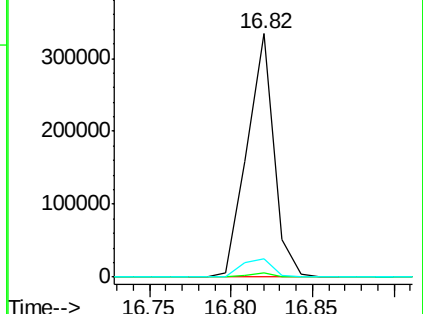
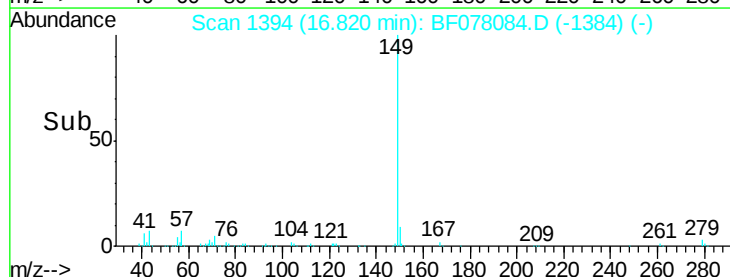
43 9.2 7.3 10.9



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

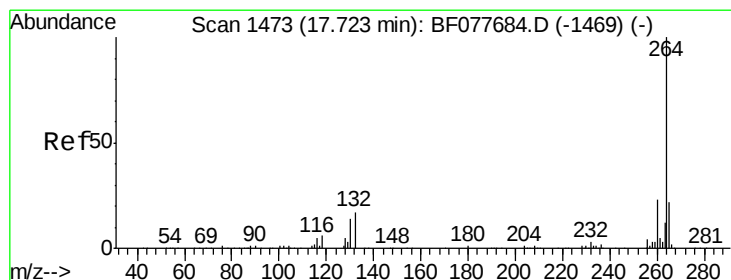
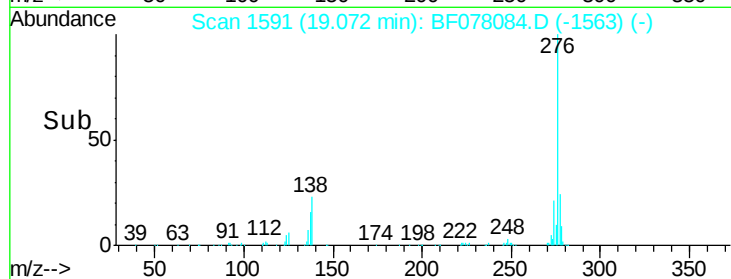
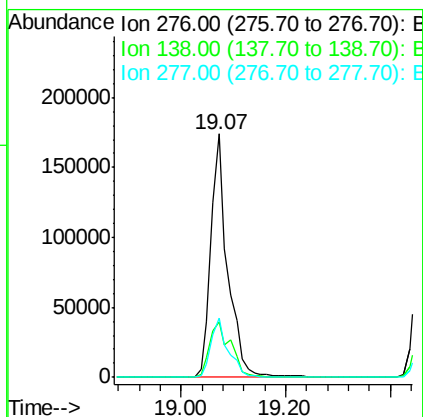
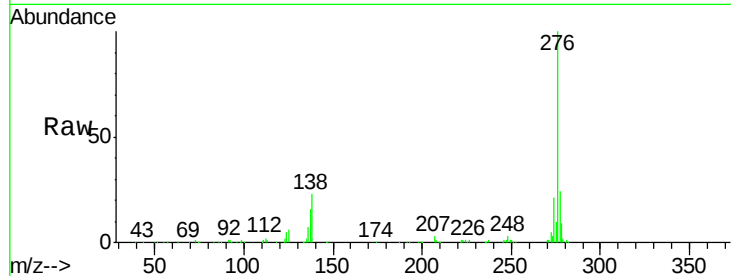




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.75 ng
 RT: 19.07 min Scan# 1591
 Delta R.T. 0.02 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

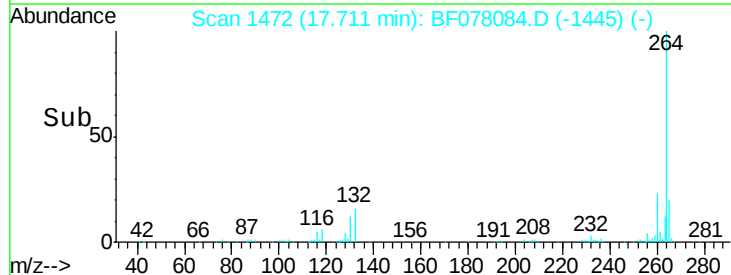
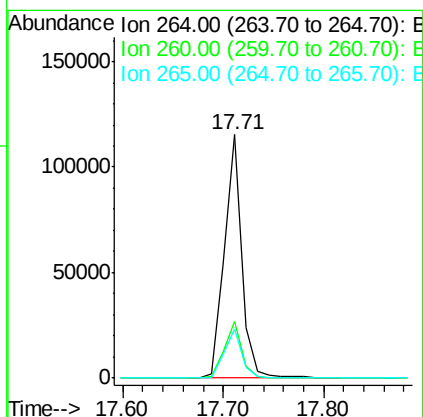
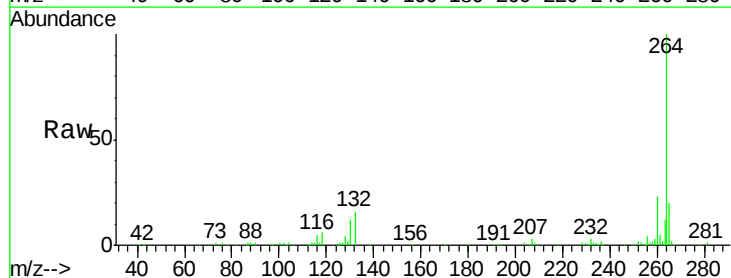
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 276 Resp: 392615
 Ion Ratio Lower Upper
 276 100
 138 28.6 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1472
 Delta R.T. 0.01 min
 Lab File: BF078084.D
 Acq: 30 Mar 2015 16:28

Tgt Ion: 264 Resp: 138614
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 20.0 17.3 25.9

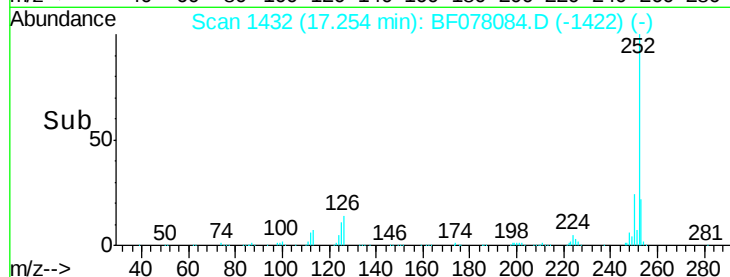
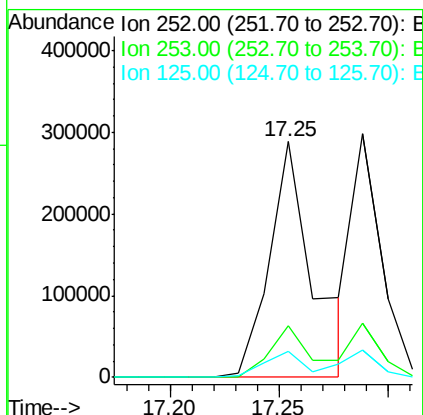
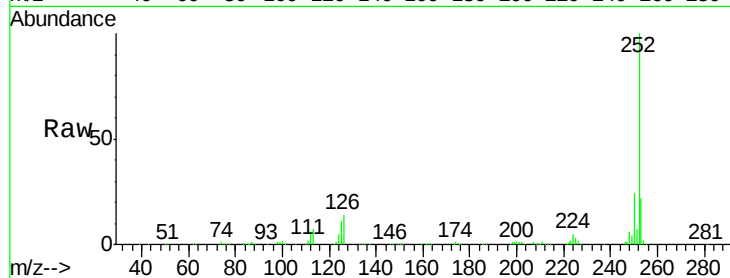




#87
Benzo(b)fluoranthene
Concen: 44.67 ng
RT: 17.25 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

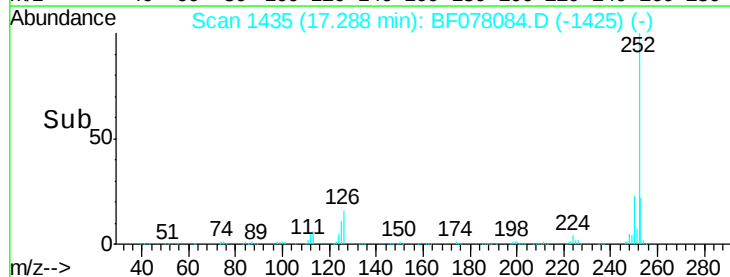
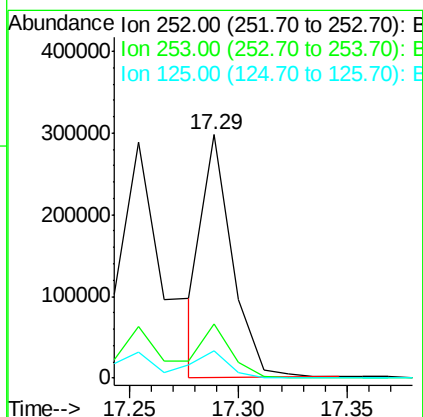
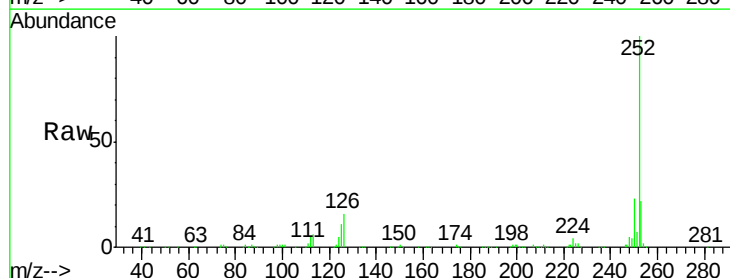
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 404210
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 11.0 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 39.14 ng
RT: 17.29 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:252 Resp: 276675
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.4 8.1 12.1

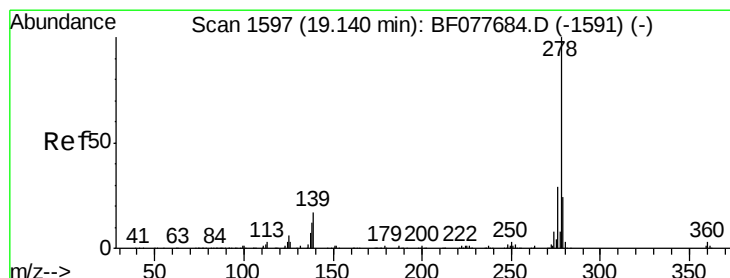
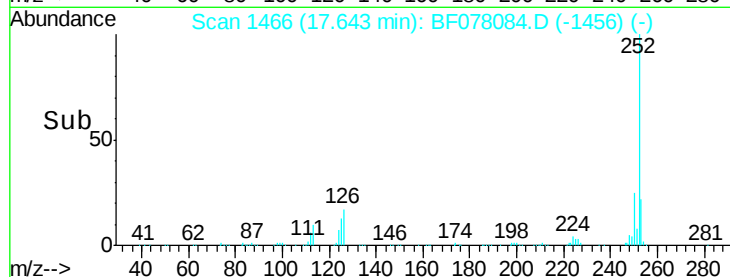
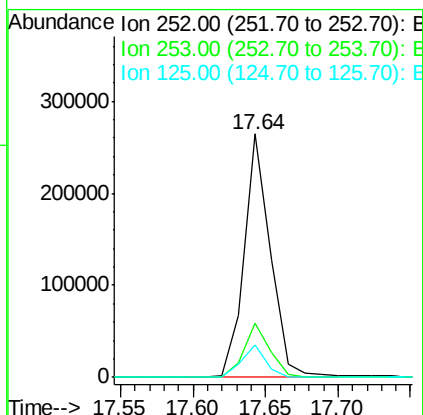
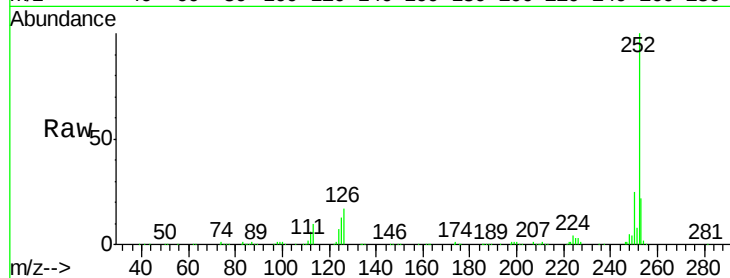




#89
Benzo(a)pyrene
Concen: 44.12 ng
RT: 17.64 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

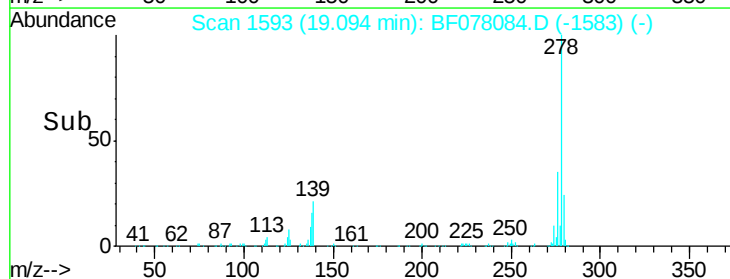
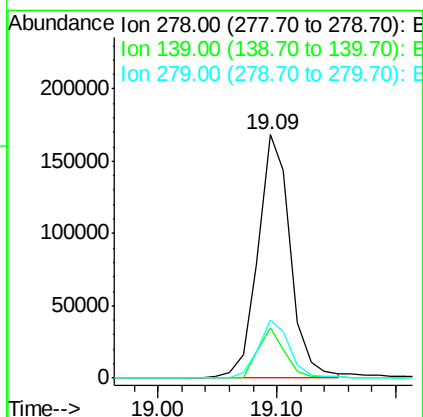
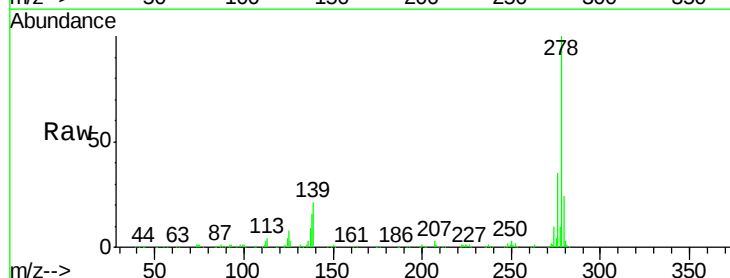
Instrument :
BNA_F
ClientSampleId :

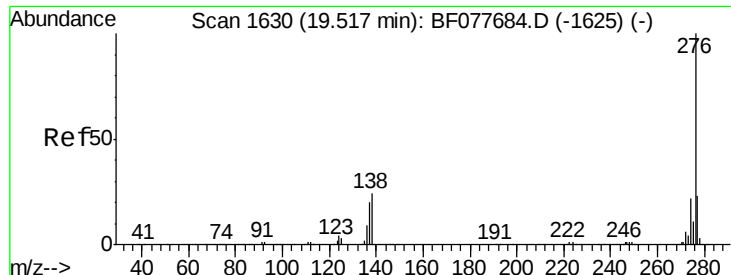
Tgt Ion: 252 Resp: 333104
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 13.4 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 42.89 ng
RT: 19.09 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 278 Resp: 321196
Ion Ratio Lower Upper
278 100
139 20.5 13.4 20.0#
279 23.7 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 42.43 ng

RT: 19.47 min Scan# 1626

Delta R.T. 0.02 min

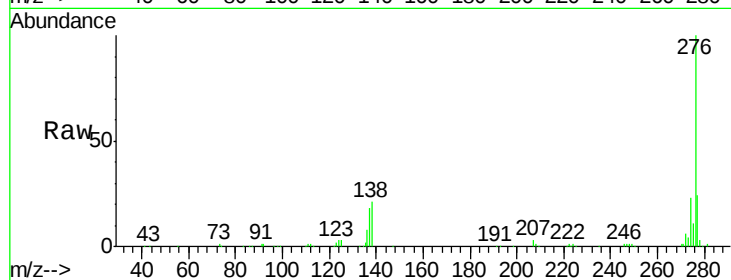
Lab File: BF078084.D

Acq: 30 Mar 2015 16:28

Instrument :

BNA_F

ClientSampleId :



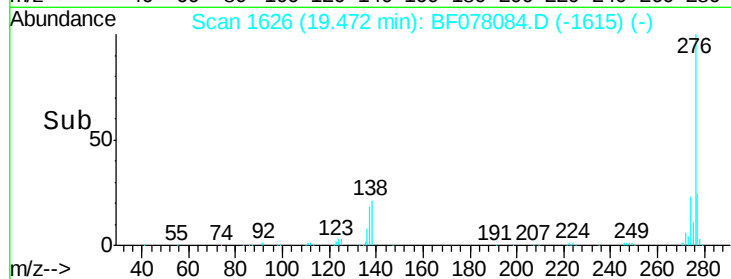
Tgt Ion: 276 Resp: 323456

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 20.9 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

