

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078009.D
 Acq On : 26 Mar 2015 21:50
 Operator : TP/IZ
 Sample : PB82242BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

Quant Time: Mar 27 00:28:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	40600	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	174092	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	86865	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	171091	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	198756	20.00	ng	-0.05
86) Perylene-d12	17.72	264	186731	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	269425	115.83	ng	0.00
7) Phenol-d6	6.67	99	319902	111.32	ng	-0.01
23) Nitrobenzene-d5	7.79	82	197368	74.32	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	87812	105.66	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	439159	74.30	ng	0.00
78) Terphenyl-d14	14.67	244	543284	66.77	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	31716	30.03	ng	# 100
3) Pyridine	2.62	79	94182	33.19	ng	95
4) n-Nitrosodimethylamine	2.57	42	41810	33.84	ng	100
6) Aniline	6.68	93	83441	20.30	ng	# 57
8) 2-Chlorophenol	6.83	128	105392	38.07	ng	90
9) Benzaldehyde	6.54	77	4612	3.92	ng	92
10) Phenol	6.69	94	127332	37.48	ng	# 71
11) bis(2-Chloroethyl)ether	6.78	93	96309	37.85	ng	91
12) 1,3-Dichlorobenzene	7.01	146	109892	35.69	ng	98
13) 1,4-Dichlorobenzene	7.12	146	112267	35.09	ng	98
14) 1,2-Dichlorobenzene	7.30	146	108326	36.93	ng	98
15) Benzyl Alcohol	7.29	79	83598	37.27	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.46	45	126210	36.81	ng	99
17) 2-Methylphenol	7.44	107	86694	38.46	ng	97
18) Hexachloroethane	7.71	117	37776	36.00	ng	96
19) n-Nitroso-di-n-propylamine	7.62	70	74654	37.55	ng	94
20) 3+4-Methylphenols	7.63	107	115001	38.88	ng	93
22) Acetophenone	7.61	105	146086	37.91	ng	# 94
24) Nitrobenzene	7.81	77	107284	37.50	ng	# 89
25) Isophorone	8.11	82	190030	35.43	ng	93
26) 2-Nitrophenol	8.20	139	47129	33.65	ng	# 77
27) 2,4-Dimethylphenol	8.28	122	97407	38.17	ng	98
28) bis(2-Chloroethoxy)methane	8.40	93	120316	36.96	ng	99
29) 2,4-Dichlorophenol	8.51	162	93723	38.53	ng	97
30) 1,2,4-Trichlorobenzene	8.60	180	92421	33.96	ng	95
31) Naphthalene	8.69	128	304448	34.05	ng	100
32) Benzoic acid	8.40	122	35498	26.42	ng	98
33) 4-Chloroaniline	8.78	127	68759	18.95	ng	99
34) Hexachlorobutadiene	8.85	225	52254	33.87	ng	98
35) Caprolactam	9.21	113	28239	39.72	ng	# 81
36) 4-Chloro-3-methylphenol	9.39	107	91642	37.44	ng	# 81
37) 2-Methylnaphthalene	9.55	142	213133	35.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	90746	35.03	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	81740	63.70	ng	98

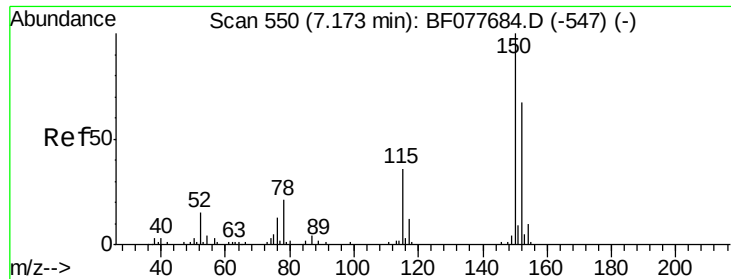
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	63355	35.30	ng	98
43) 2,4,5-Trichlorophenol	9.96	196	70710	36.47	ng	# 90
45) 1,1'-Biphenyl	10.13	154	246669	35.52	ng	97
46) 2-Chloronaphthalene	10.16	162	207379	36.75	ng	95
47) 2-Nitroaniline	10.29	65	58482	41.73	ng	97
48) Acenaphthylene	10.66	152	322008	34.31	ng	100
49) Dimethylphthalate	10.53	163	249729	38.76	ng	99
50) 2,6-Dinitrotoluene	10.60	165	55065	41.23	ng	93
51) Acenaphthene	10.88	154	182507	33.92	ng	100
52) 3-Nitroaniline	10.81	138	42770	27.58	ng	99
53) 2,4-Dinitrophenol	10.95	184	29948	62.95	ng	# 67
54) Dibenzofuran	11.09	168	294579	36.91	ng	96
55) 4-Nitrophenol	11.04	139	84446	73.50	ng	90
56) 2,4-Dinitrotoluene	11.09	165	70098	40.25	ng	98
57) Fluorene	11.52	166	242942	36.67	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	57877	38.77	ng	# 100
59) Diethylphthalate	11.40	149	240880	38.37	ng	96
60) 4-Chlorophenyl-phenylether	11.53	204	106358	35.17	ng	90
61) 4-Nitroaniline	11.56	138	59035	38.19	ng	95
62) Azobenzene	11.72	77	224821	37.47	ng	93
64) 4,6-Dinitro-2-methylphenol	11.60	198	27733	35.55	ng	89
65) n-Nitrosodiphenylamine	11.68	169	206998	36.33	ng	99
66) 4-Bromophenyl-phenylether	12.13	248	68699	37.63	ng	# 91
67) Hexachlorobenzene	12.19	284	73334	36.55	ng	94
68) Atrazine	12.36	200	68827	43.11	ng	98
69) Pentachlorophenol	12.44	266	63483	61.17	ng	98
70) Phenanthrene	12.71	178	379260	38.61	ng	100
71) Anthracene	12.77	178	376454	38.79	ng	99
72) Carbazole	12.98	167	365903	39.64	ng	99
73) Di-n-butylphthalate	13.44	149	400762	38.72	ng	99
74) Fluoranthene	14.18	202	426361	39.36	ng	99
76) Benzidine	14.36	184	130727	26.42	ng	99
77) Pyrene	14.45	202	432800	34.63	ng	99
79) Butylbenzylphthalate	15.29	149	180716	36.67	ng	# 81
80) Benzo(a)anthracene	15.95	228	414743	35.20	ng	99
81) 3,3'-Dichlorobenzidine	15.93	252	97466	25.08	ng	# 96
82) Chrysene	16.00	228	407481	38.46	ng	100
83) Bis(2-ethylhexyl)phthalate	16.02	149	264548	35.44	ng	# 95
84) Di-n-octyl phthalate	16.83	149	457463	35.84	ng	99
85) Indeno(1,2,3-cd)pyrene	19.08	276	436069	32.98	ng	# 100
87) Benzo(b)fluoranthene	17.27	252	476409	39.08	ng	98
88) Benzo(k)fluoranthene	17.27	252	476409	50.03	ng	98
89) Benzo(a)pyrene	17.65	252	401679	39.49	ng	# 97
90) Dibenzo(a,h)anthracene	19.11	278	363924	36.07	ng	97
91) Benzo(g,h,i)perylene	19.48	276	370485	36.07	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

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PB82242BS

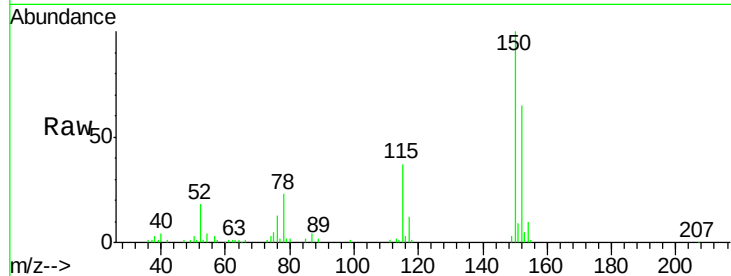
Tgt Ion:152 Resp: 40600

Ion Ratio Lower Upper

152 100

150 153.9 119.5 179.3

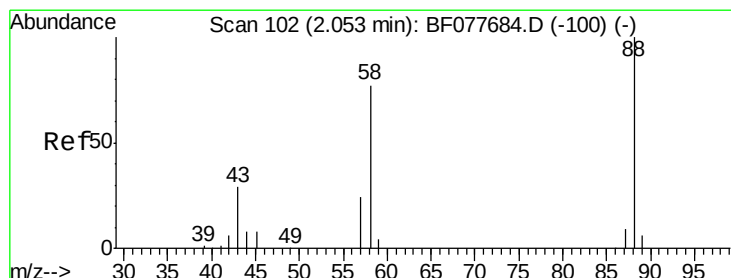
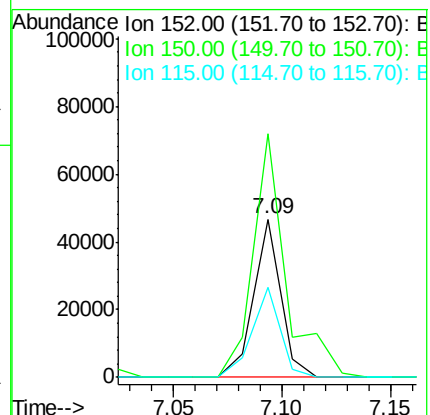
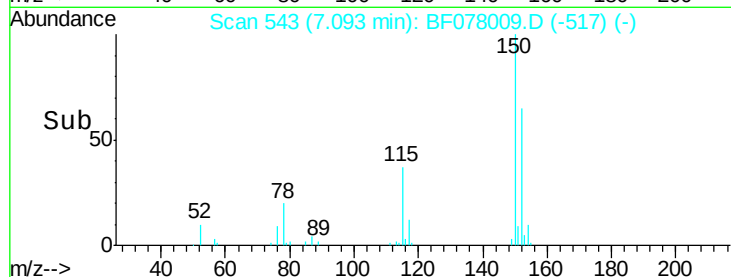
115 57.2 43.0 64.4



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: 30.03 ng

RT: 1.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

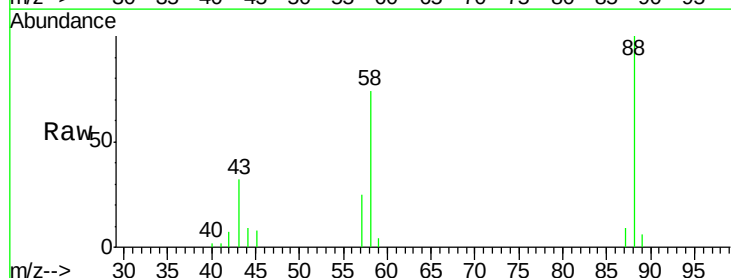
Tgt Ion: 88 Resp: 31716

Ion Ratio Lower Upper

88 100

58 73.9 0.0 0.0#

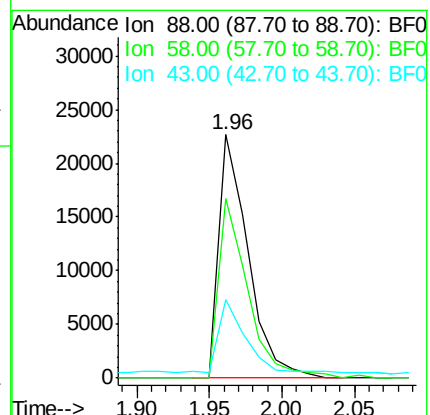
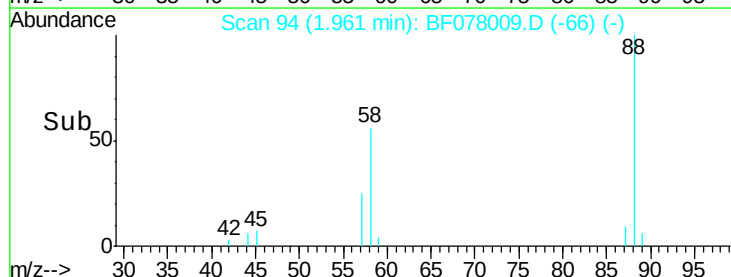
43 29.0 0.0 0.0#

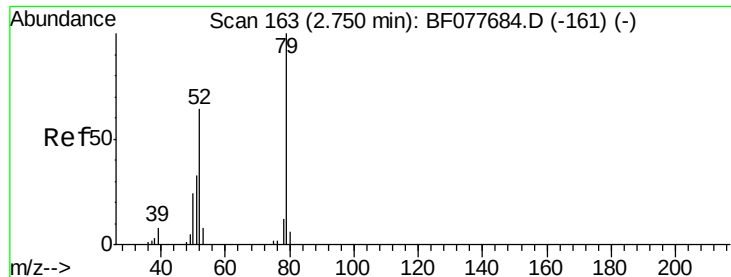


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.19 ng

RT: 2.62 min Scan# 152

Delta R.T. 0.02 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

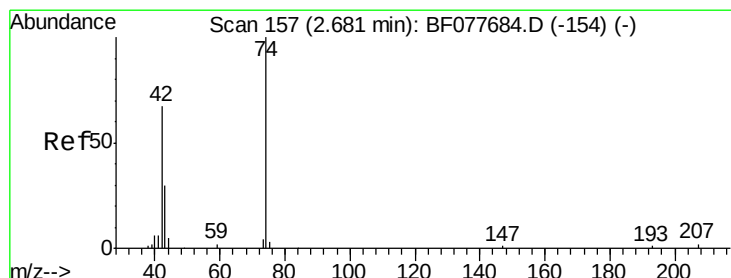
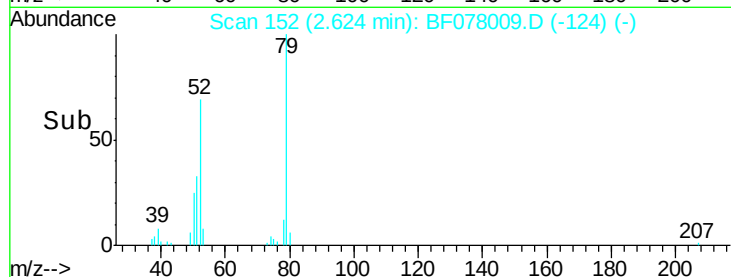
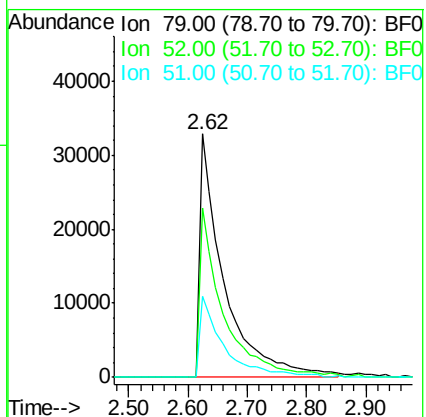
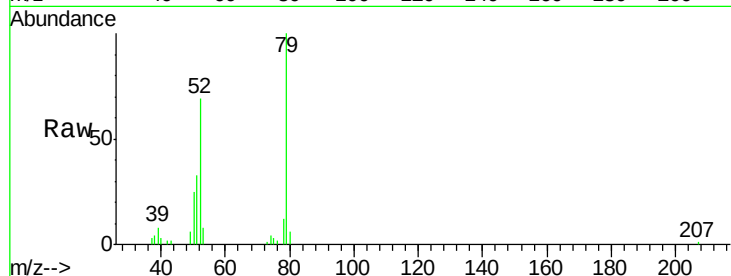
Tgt Ion: 79 Resp: 94182

Ion Ratio Lower Upper

79 100

52 69.4 51.1 76.7

51 33.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 33.84 ng

RT: 2.57 min Scan# 147

Delta R.T. 0.02 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

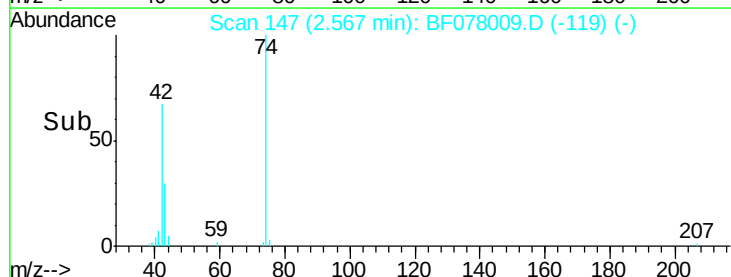
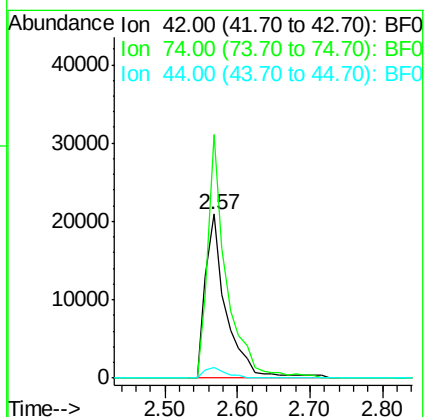
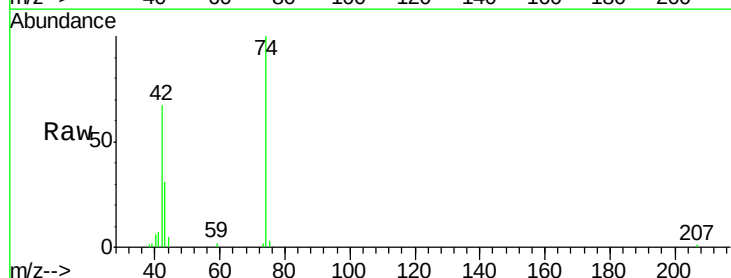
Tgt Ion: 42 Resp: 41810

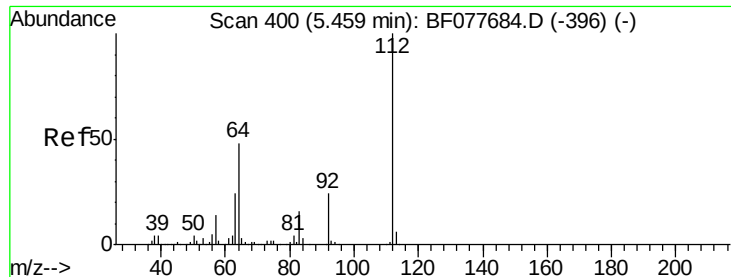
Ion Ratio Lower Upper

42 100

74 148.8 119.3 178.9

44 6.9 5.4 8.2





#5

2-Fluorophenol

Concen: 115.83 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

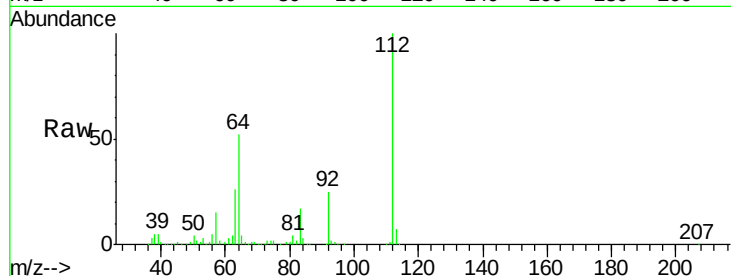
Tgt Ion: 112 Resp: 269425

Ion Ratio Lower Upper

112 100

64 51.7 38.6 57.8

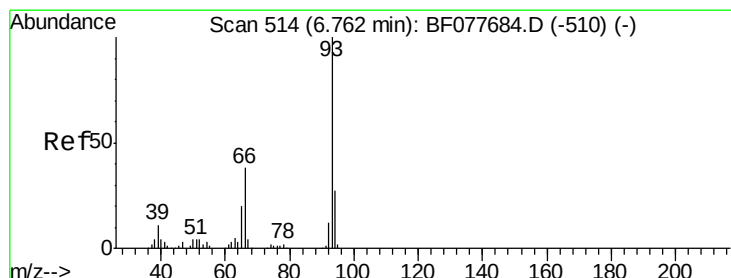
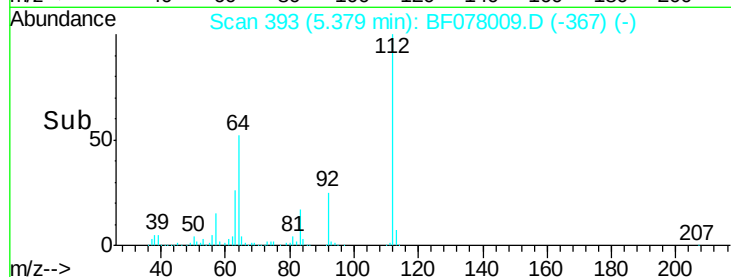
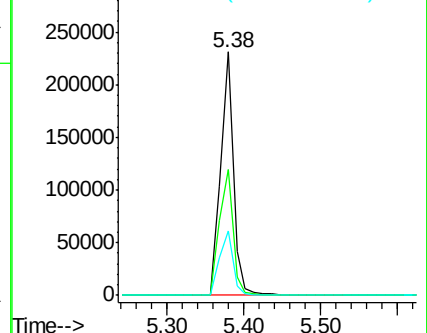
63 26.4 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.30 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

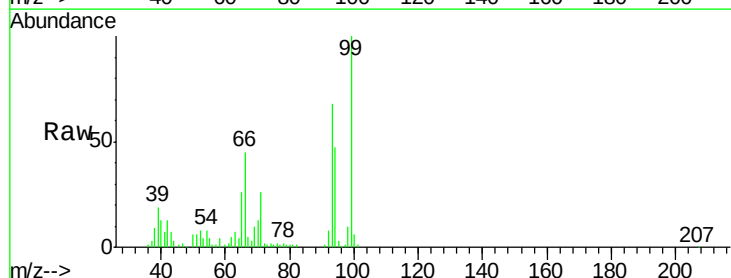
Tgt Ion: 93 Resp: 83441

Ion Ratio Lower Upper

93 100

66 65.5 30.8 46.2#

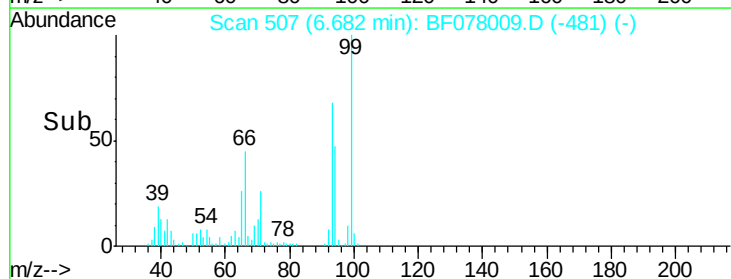
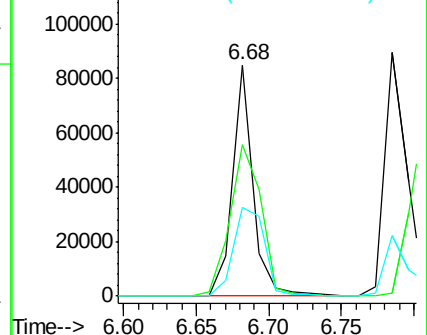
65 38.5 16.0 24.0#

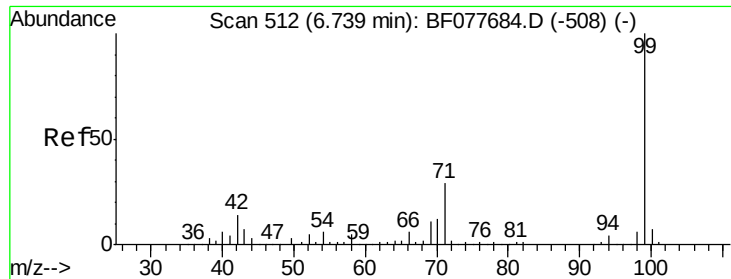


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.32 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

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ClientSampleId :

PB82242BS

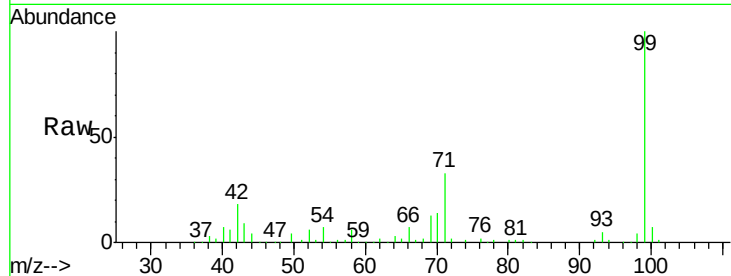
Tgt Ion: 99 Resp: 319902

Ion Ratio Lower Upper

99 100

42 18.0 11.0 16.4#

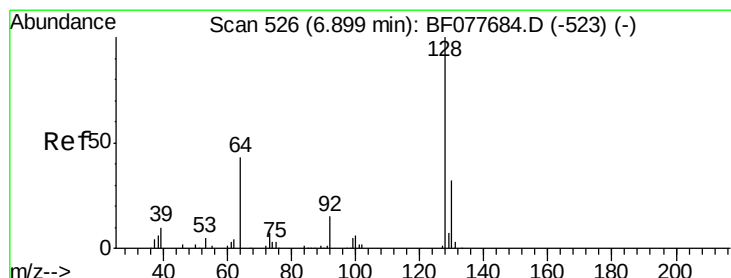
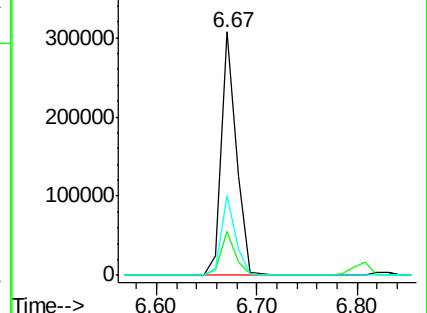
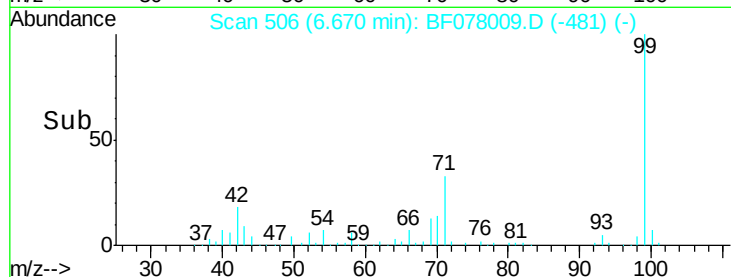
71 33.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.07 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

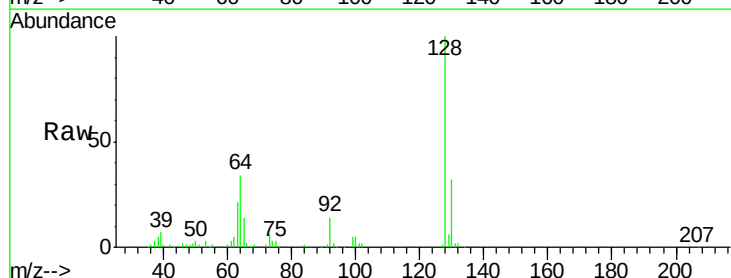
Tgt Ion: 128 Resp: 105392

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

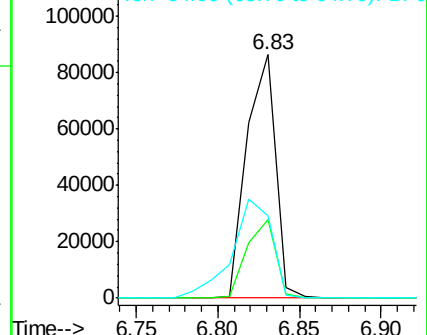
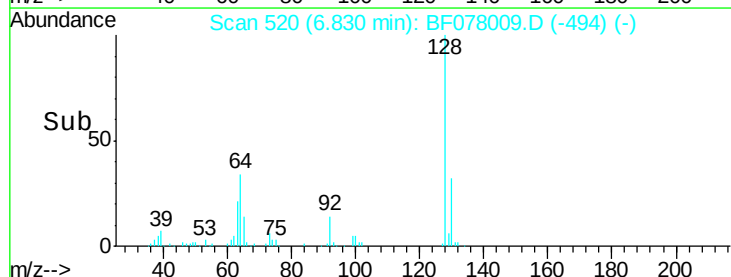
64 33.7 24.9 64.9

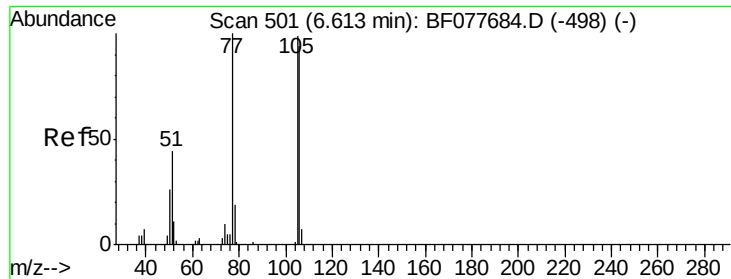


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.92 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampled :

PB82242BS

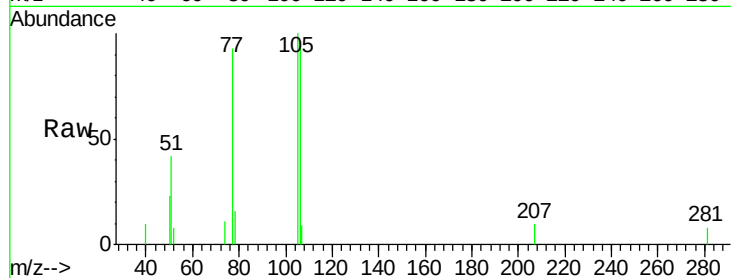
Tgt Ion: 77 Resp: 4612

Ion Ratio Lower Upper

77 100

105 107.4 78.8 118.8

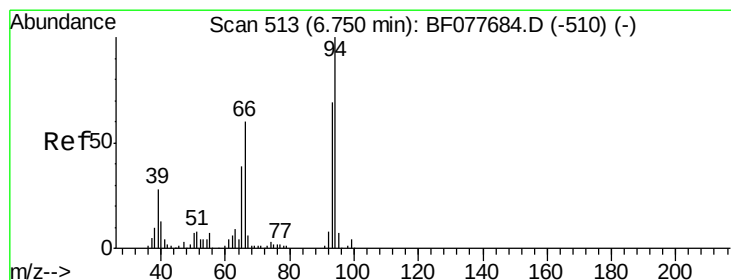
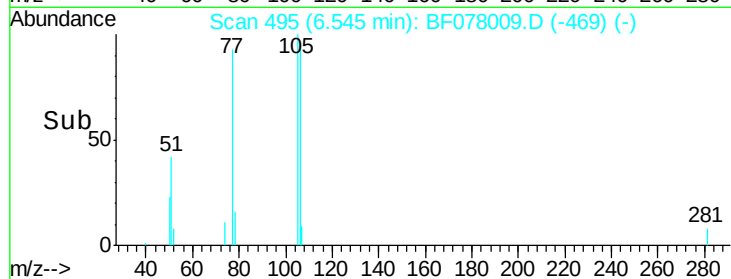
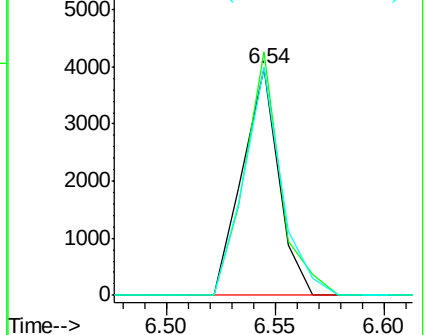
106 100.6 73.7 113.7



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: 37.48 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

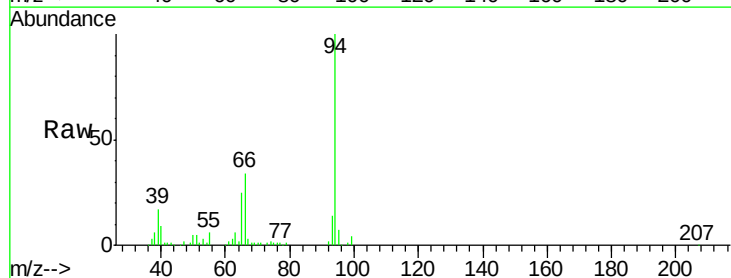
Tgt Ion: 94 Resp: 127332

Ion Ratio Lower Upper

94 100

65 25.5 18.8 58.8

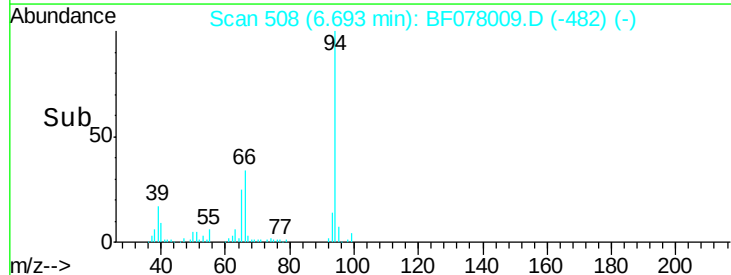
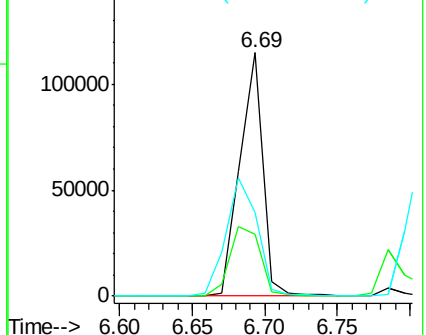
66 34.2 39.9 79.9#

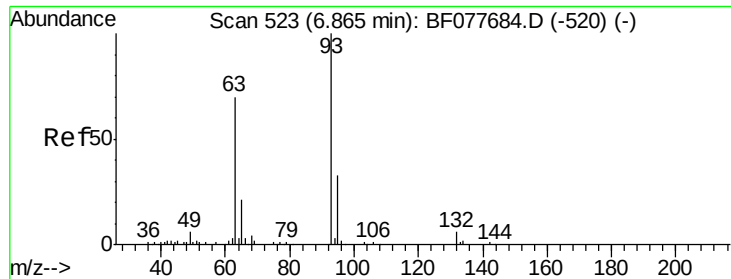


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.85 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

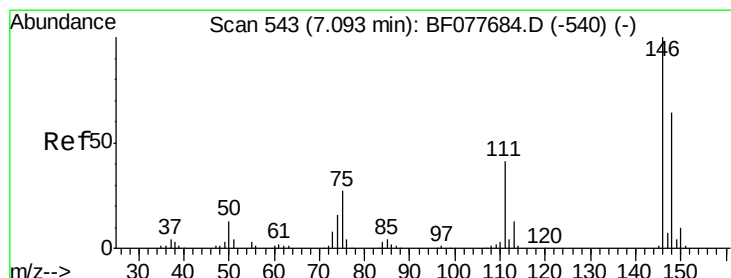
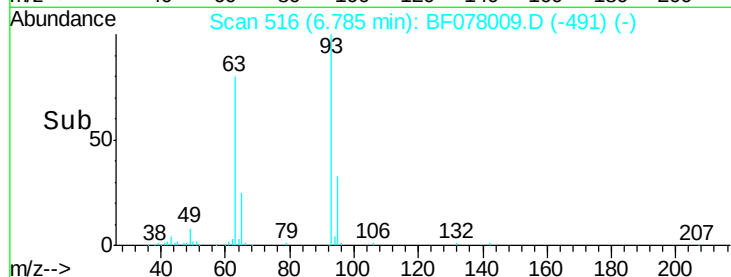
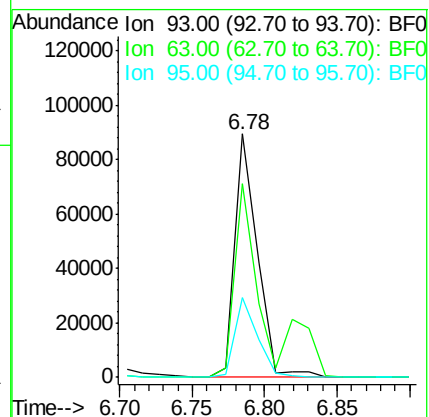
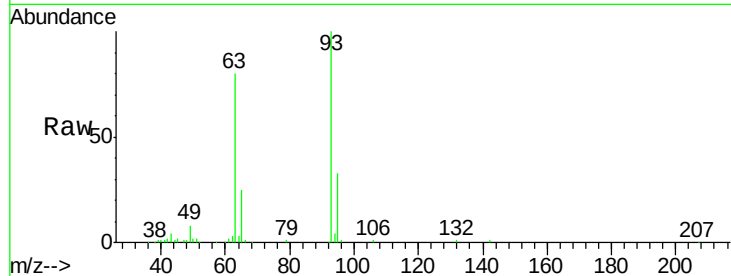
Tgt Ion: 93 Resp: 96309

Ion Ratio Lower Upper

93 100

63 79.8 49.5 89.5

95 32.6 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 35.69 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

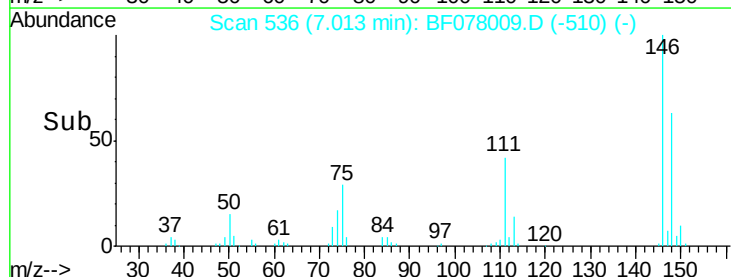
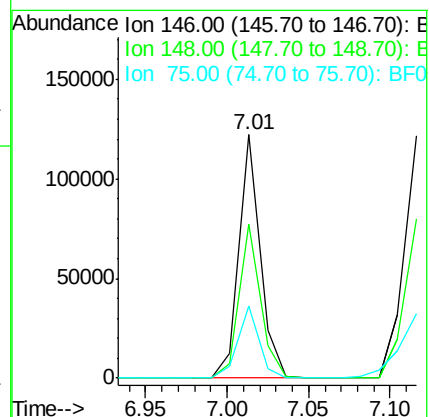
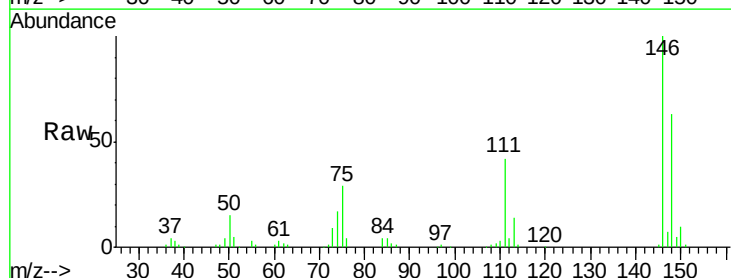
Tgt Ion: 146 Resp: 109892

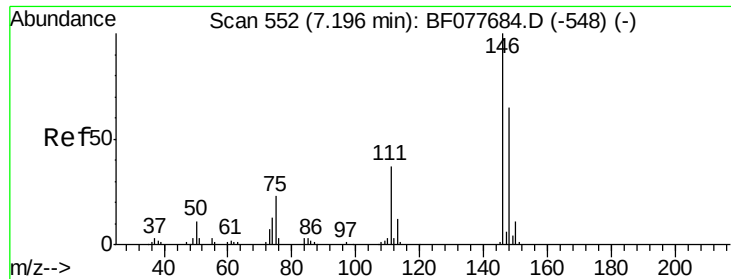
Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

75 29.4 21.4 32.2

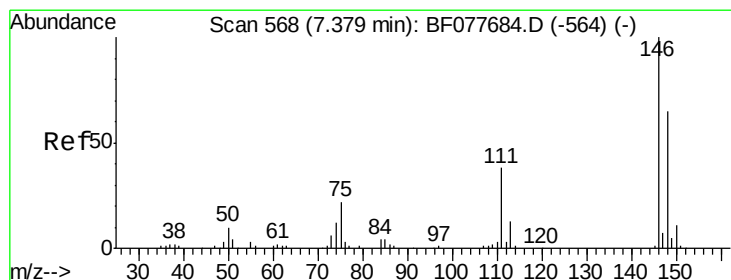
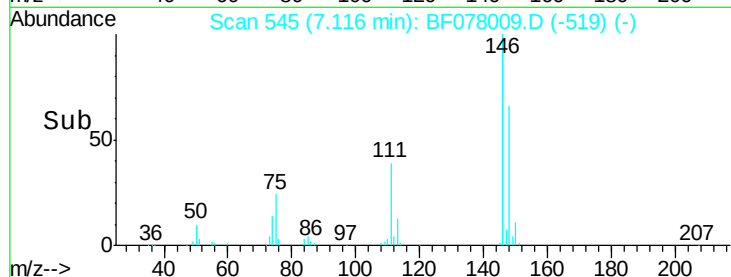
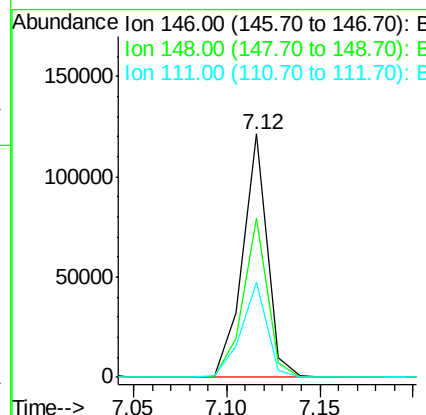
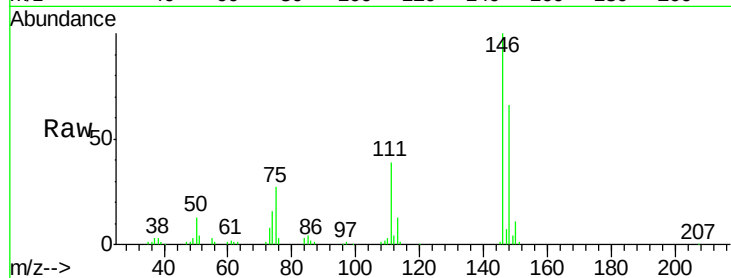




#13
 1,4-Dichlorobenzene
 Concen: 35.09 ng
 RT: 7.12 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

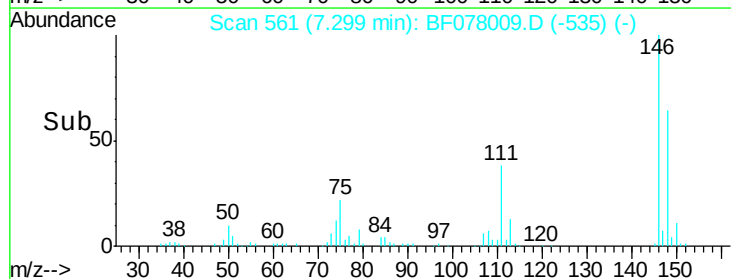
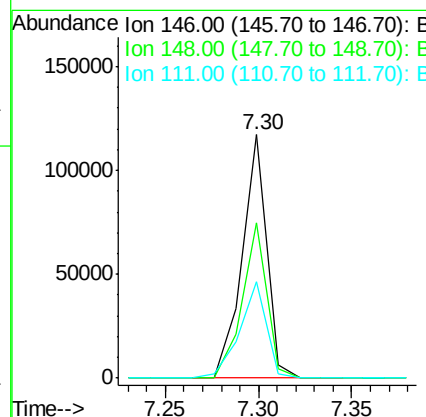
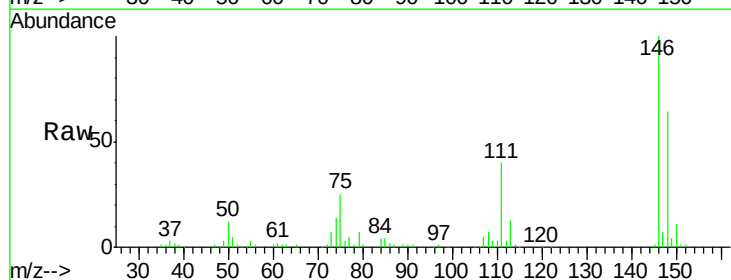
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

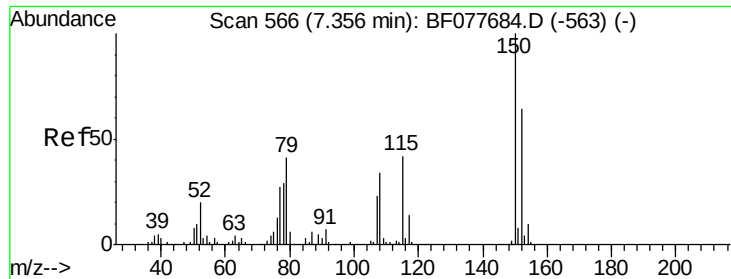
Tgt Ion:146 Resp: 112267
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.9 77.9
 111 39.3 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 36.93 ng
 RT: 7.30 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion:146 Resp: 108326
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 39.6 30.6 45.8





#15

Benzyl Alcohol

Concen: 37.27 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampled :

PB82242BS

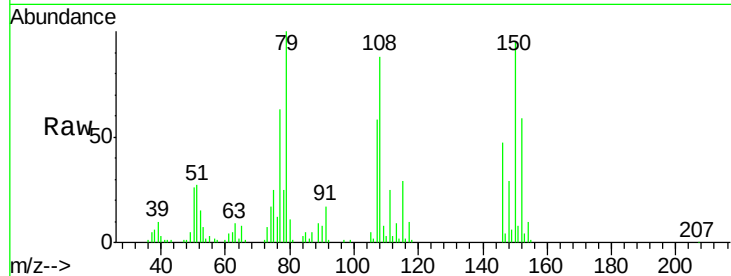
Tgt Ion: 79 Resp: 83598

Ion Ratio Lower Upper

79 100

108 87.7 65.0 97.4

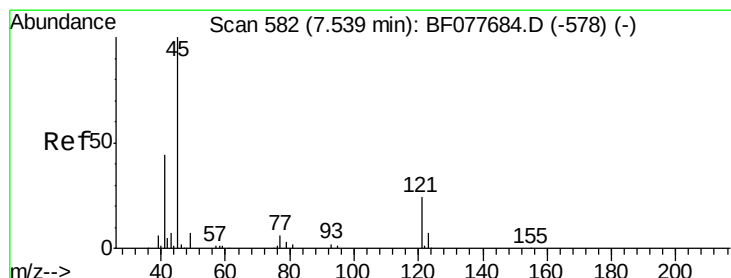
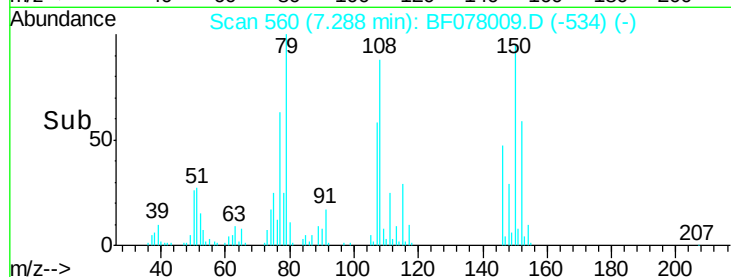
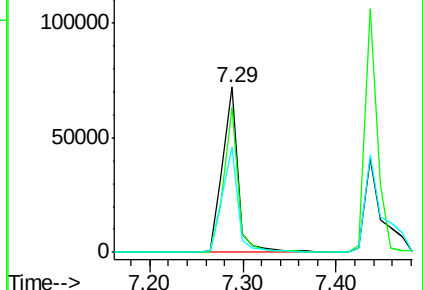
77 63.4 53.0 79.6



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: 36.81 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

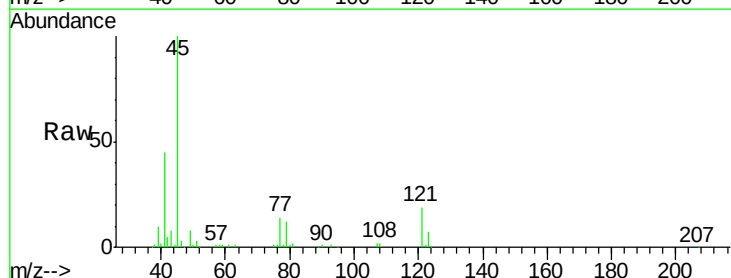
Tgt Ion: 45 Resp: 126210

Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.2

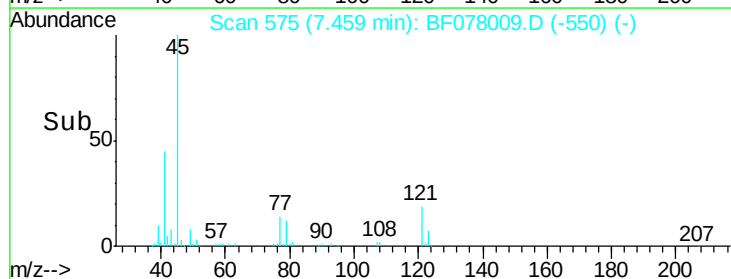
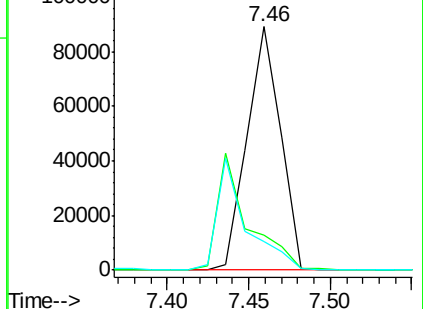
79 11.8 0.0 32.0

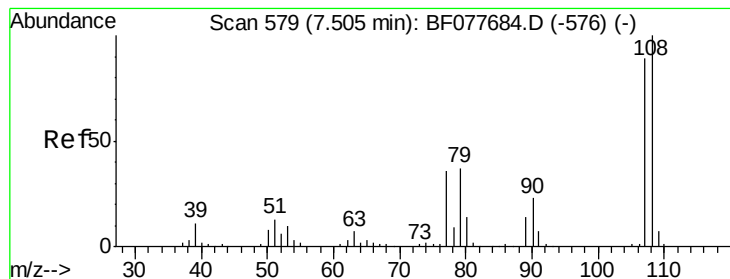


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.46 ng

RT: 7.44 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

Tgt Ion:107 Resp: 86694

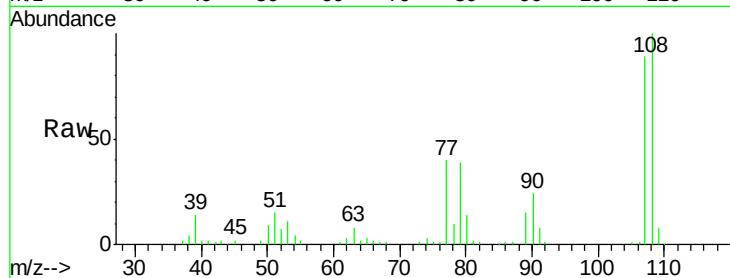
Ion Ratio Lower Upper

107 100

108 112.5 89.8 134.8

77 45.3 32.6 48.8

79 43.6 32.8 49.2

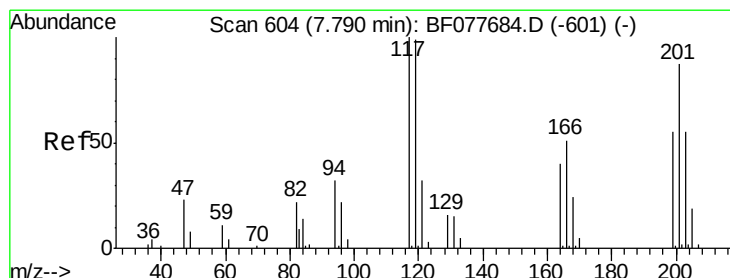
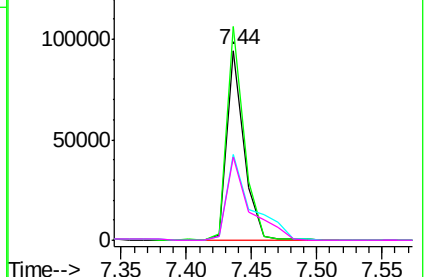
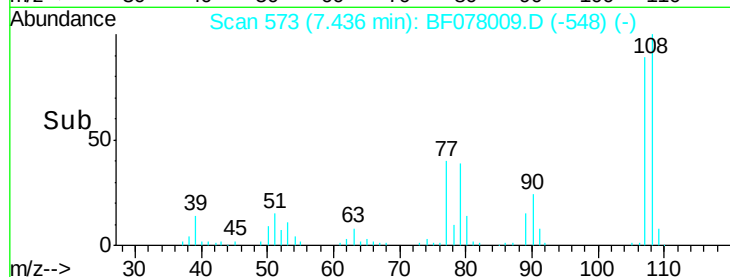


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.00 ng

RT: 7.71 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

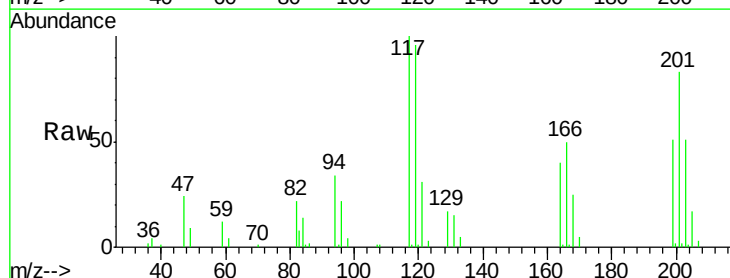
Tgt Ion:117 Resp: 37776

Ion Ratio Lower Upper

117 100

119 96.0 79.2 118.8

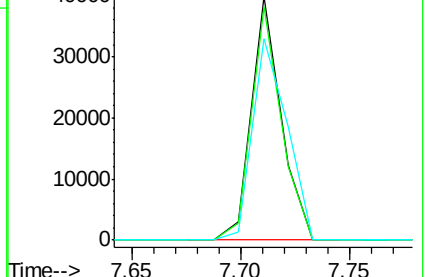
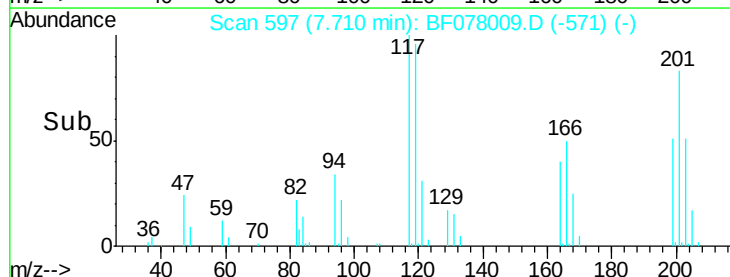
201 82.7 69.8 104.6

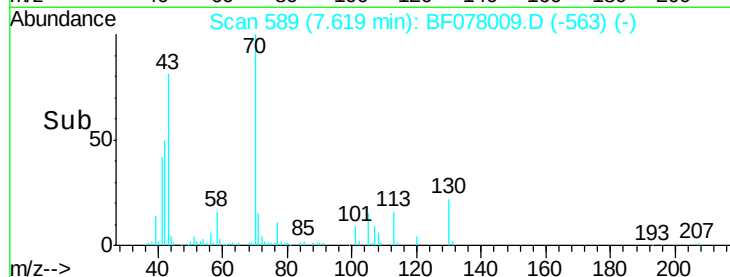
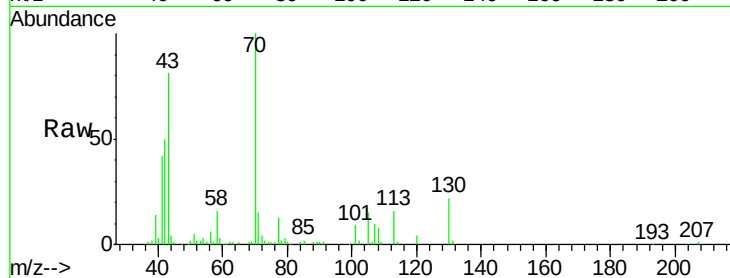
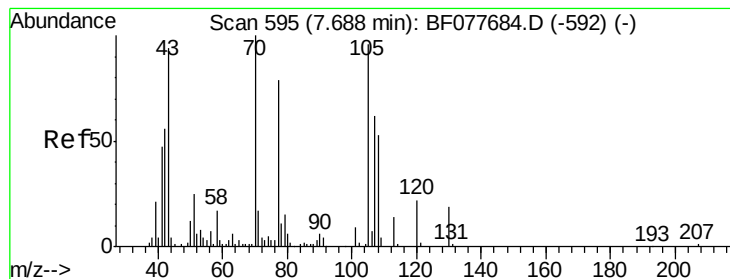


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.55 ng

RT: 7.62 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

Tgt Ion: 70 Resp: 74654

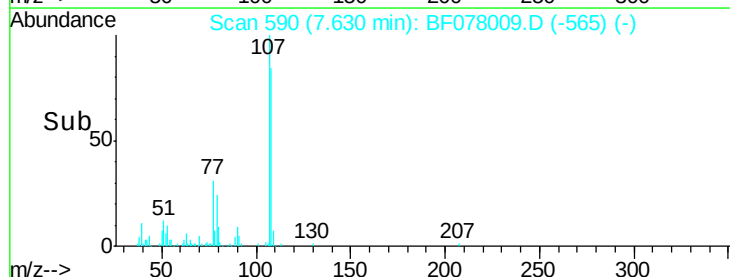
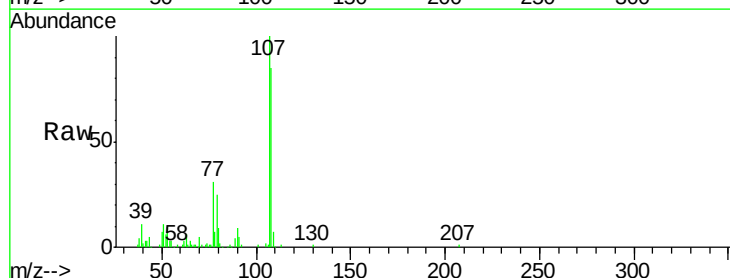
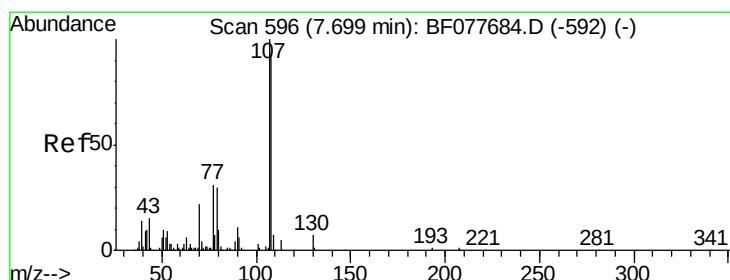
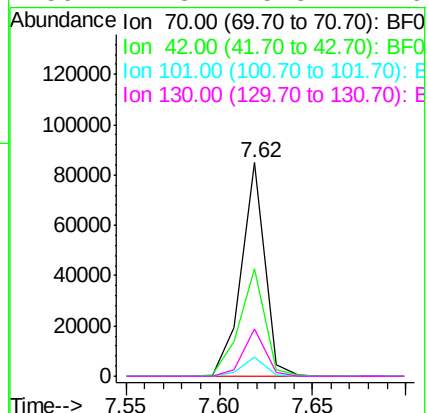
Ion Ratio Lower Upper

70 100

42 50.5 44.5 66.7

101 9.3 7.4 11.2

130 22.3 15.3 22.9



#20

3+4-Methylphenols

Concen: 38.88 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Tgt Ion: 107 Resp: 115001

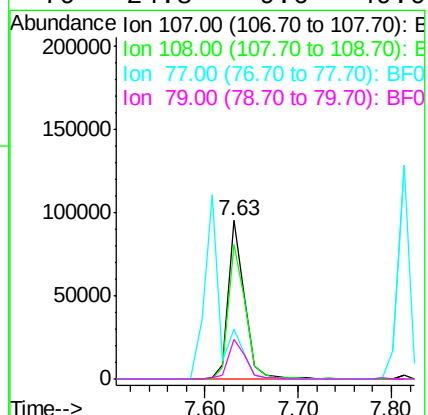
Ion Ratio Lower Upper

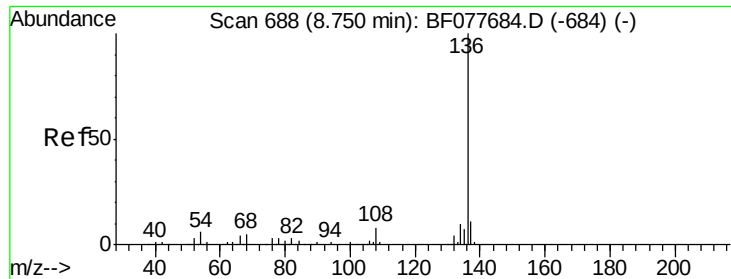
107 100

108 84.8 73.2 113.2

77 31.3 10.7 50.7

79 24.8 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

Tgt Ion:136 Resp: 174092

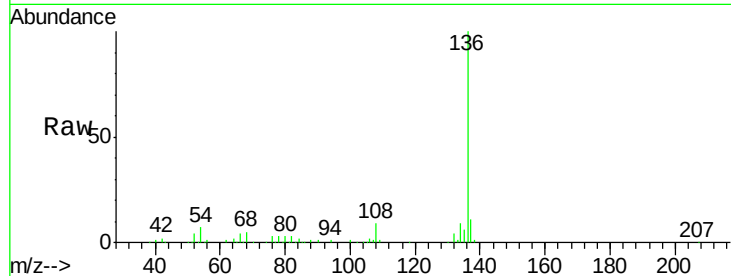
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.9 4.6 6.8#

68 5.0 3.7 5.5

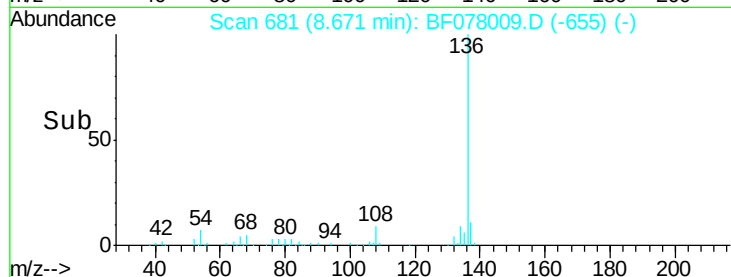


Abundance Ion 136.00 (135.70 to 136.70): E

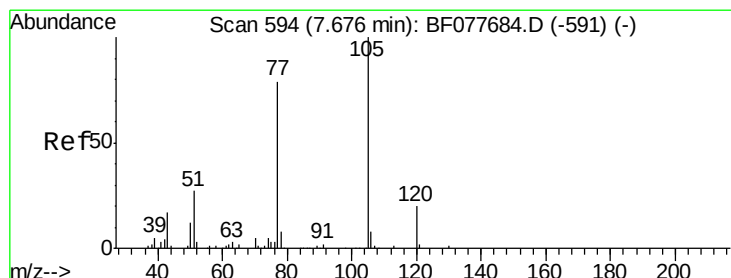
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.60 8.65 8.70



#22

Acetophenone

Concen: 37.91 ng

RT: 7.61 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Tgt Ion:105 Resp: 146086

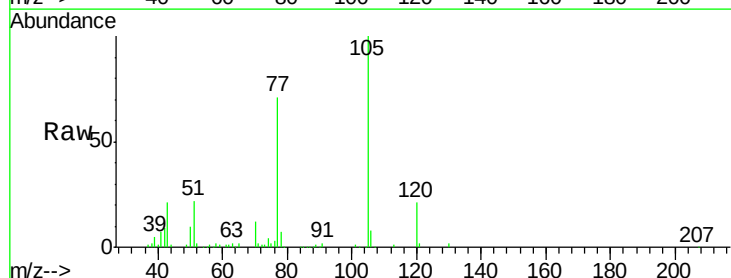
Ion Ratio Lower Upper

105 100

71 2.1 0.6 1.0#

51 22.2 21.6 32.4

120 21.2 16.1 24.1

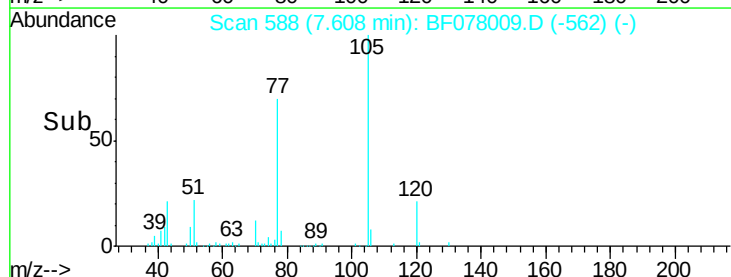


Abundance Ion 105.00 (104.70 to 105.70): E

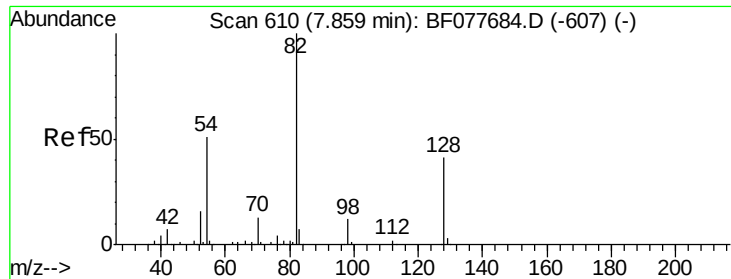
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



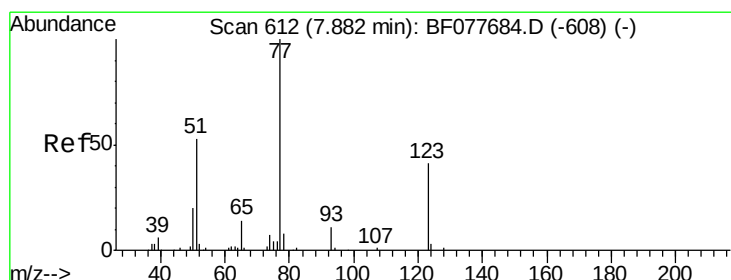
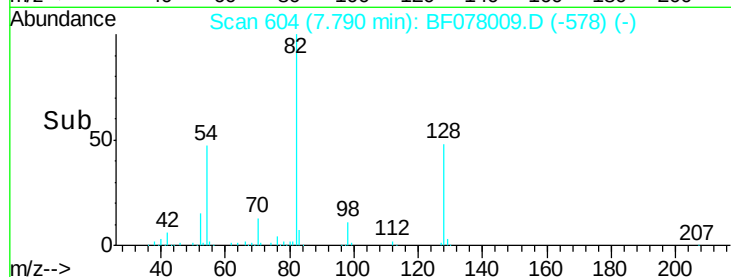
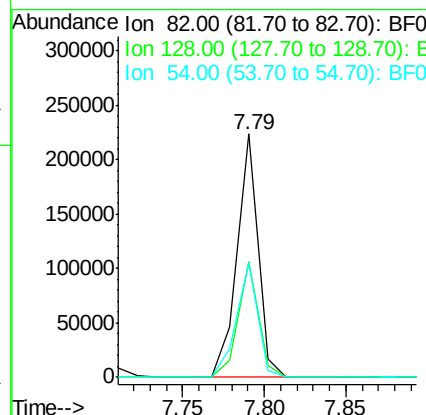
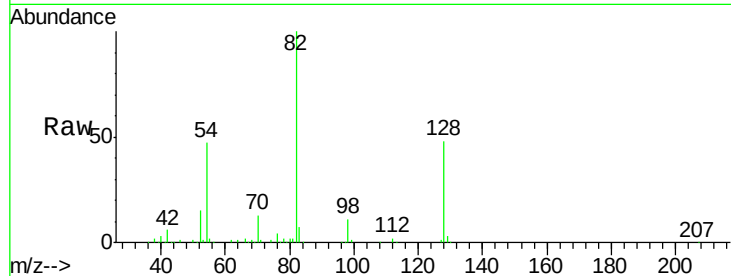
Time--> 7.55 7.60 7.65 7.70



#23
 Nitrobenzene-d5
 Concen: 74.32 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

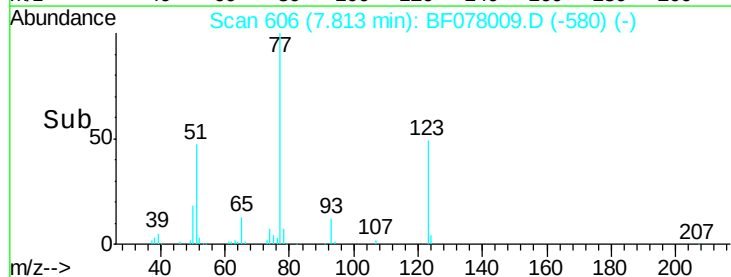
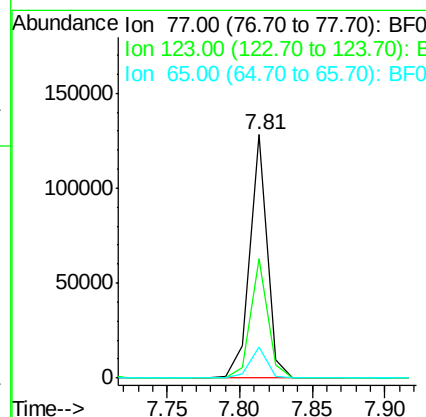
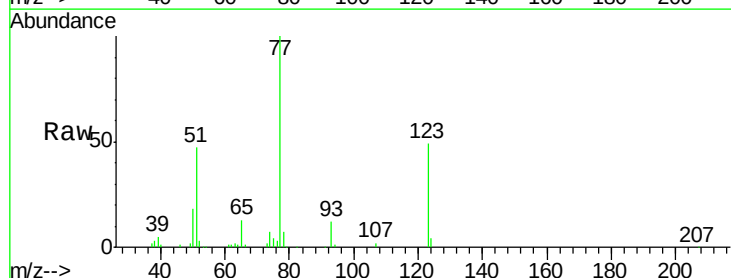
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

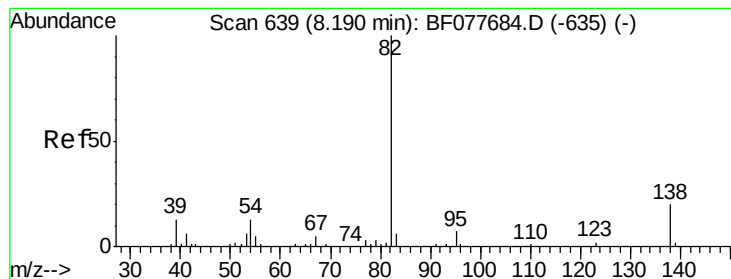
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	32.8	49.2
54	47.2	40.6	60.8



#24
 Nitrobenzene
 Concen: 37.50 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	32.6	49.0#
65	12.6	10.9	16.3





#25

Isophorone

Concen: 35.43 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

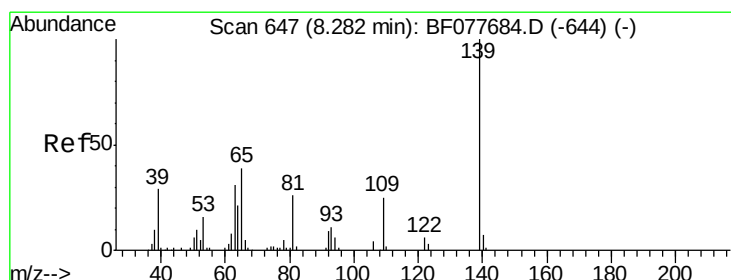
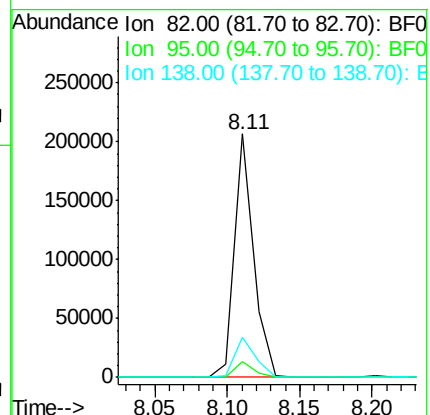
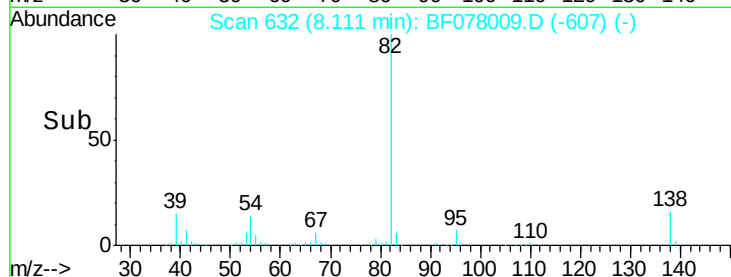
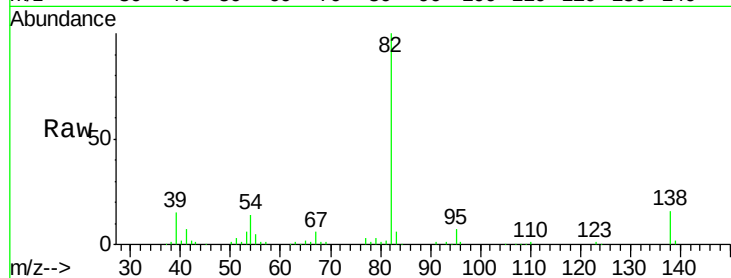
Tgt Ion: 82 Resp: 190030

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

138 16.4 16.3 24.5



#26

2-Nitrophenol

Concen: 33.65 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

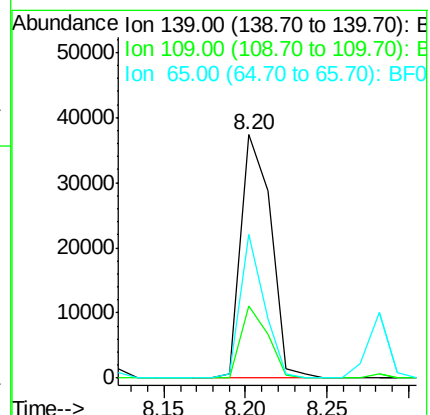
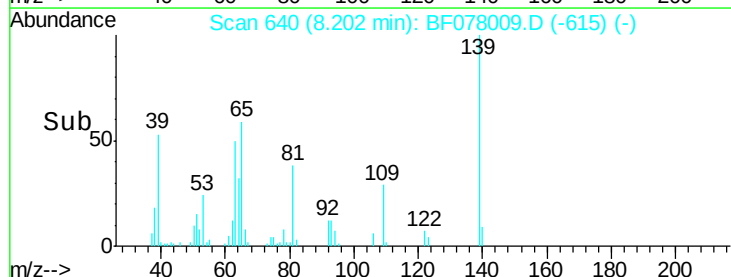
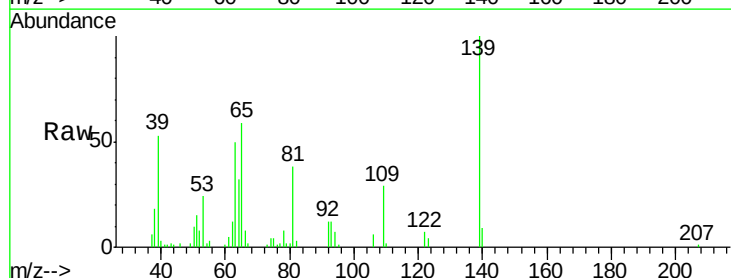
Tgt Ion: 139 Resp: 47129

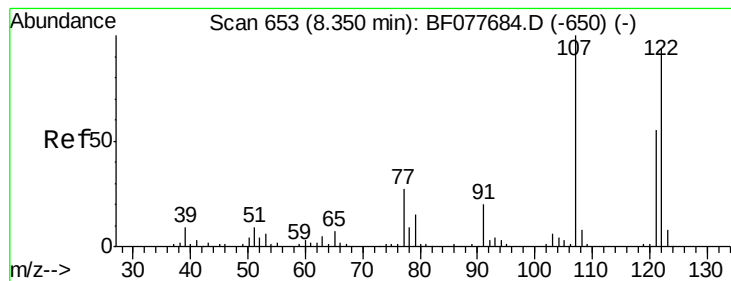
Ion Ratio Lower Upper

139 100

109 29.4 20.1 30.1

65 59.3 31.5 47.3#

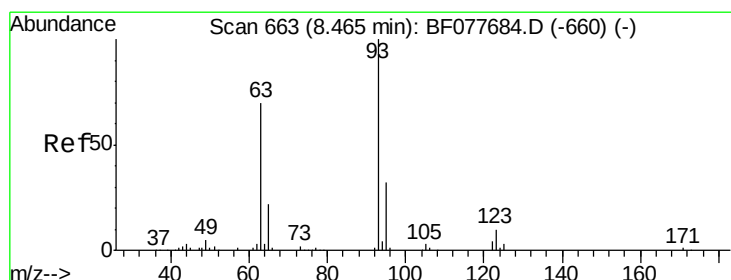
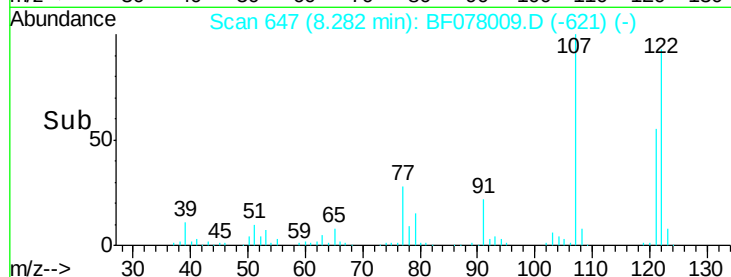
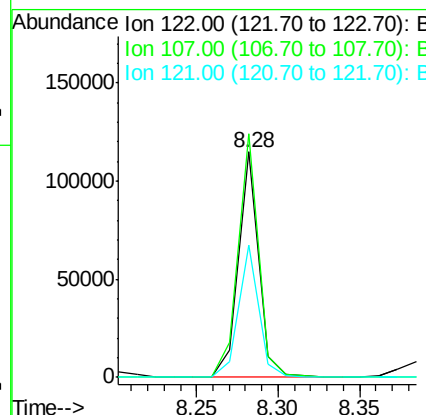
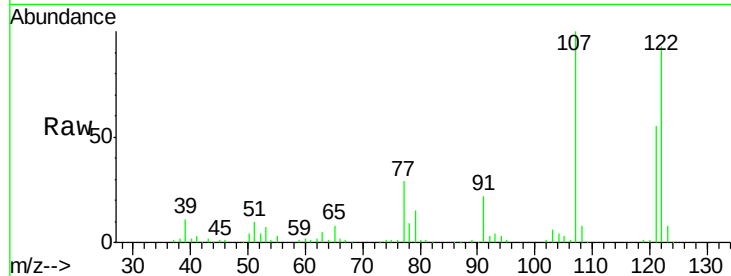




#27
 2,4-Dimethylphenol
 Concen: 38.17 ng
 RT: 8.28 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

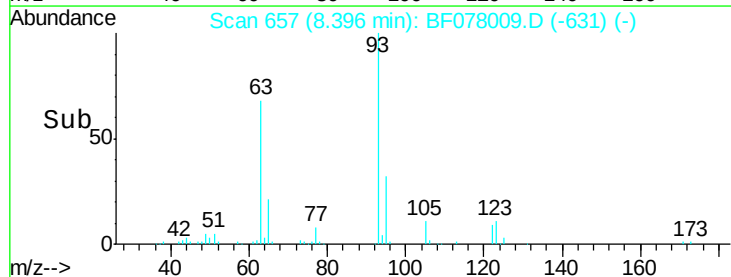
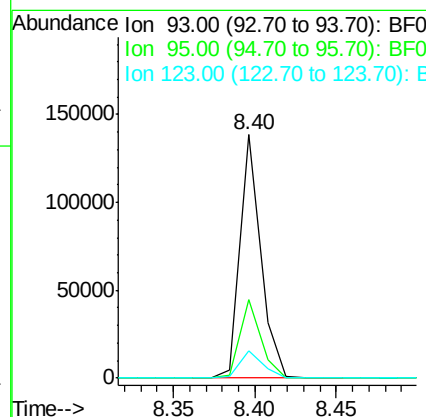
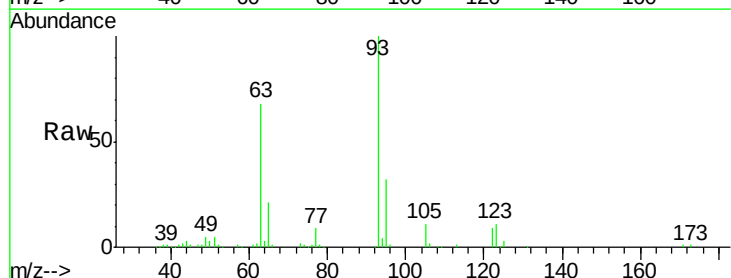
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

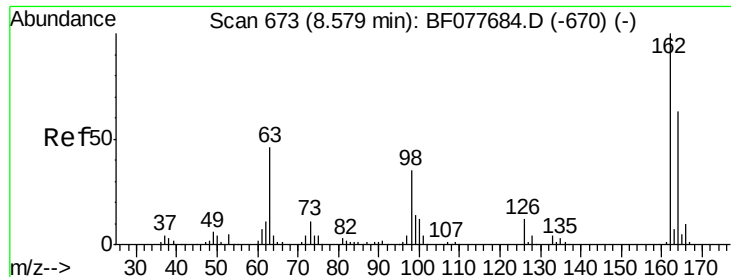
Tgt Ion: 122 Resp: 97407
 Ion Ratio Lower Upper
 122 100
 107 108.0 84.7 127.1
 121 58.9 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.96 ng
 RT: 8.40 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion: 93 Resp: 120316
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.5 38.3
 123 11.1 8.6 13.0

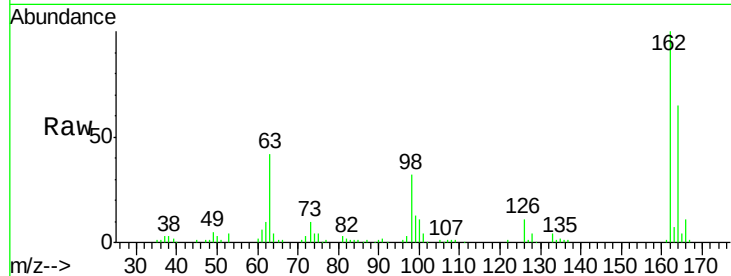




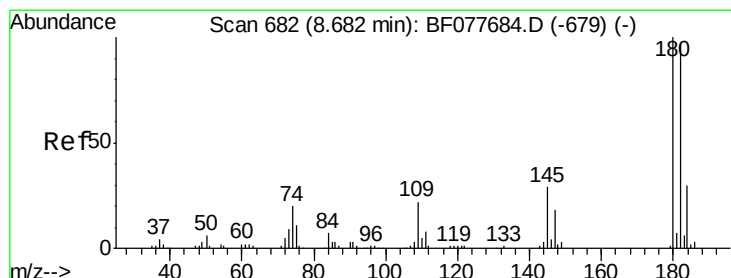
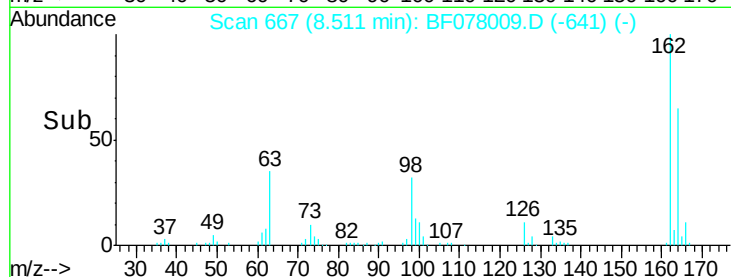
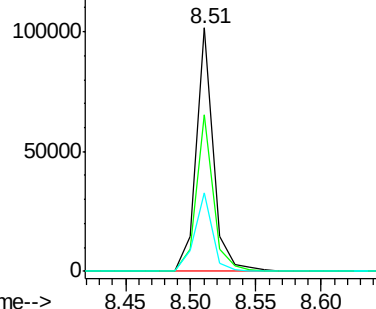
#29
2,4-Dichlorophenol
Concen: 38.53 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Instrument :
BNA_F
ClientSampleId :
PB82242BS

Tgt Ion:162 Resp: 93723
Ion Ratio Lower Upper
162 100
164 64.6 42.8 82.8
98 32.3 14.5 54.5

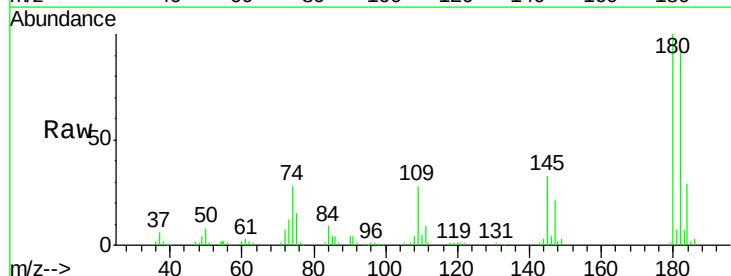


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

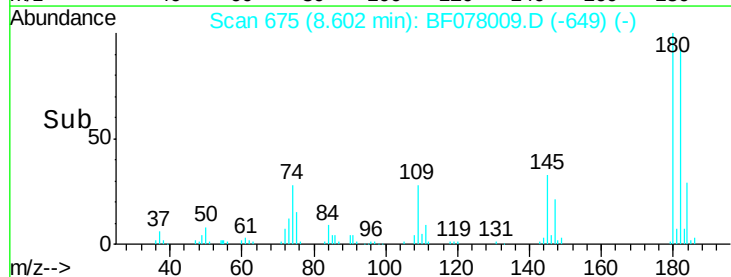
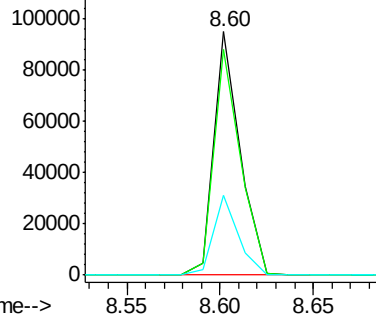


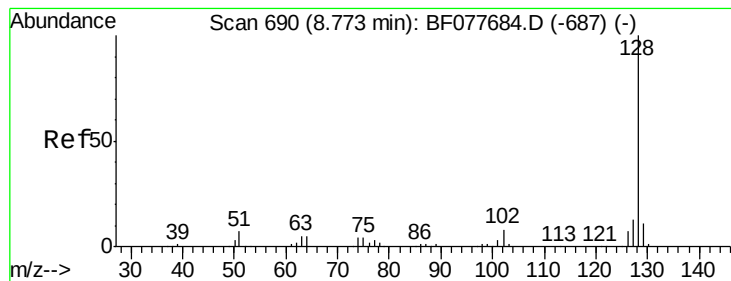
#30
1,2,4-Trichlorobenzene
Concen: 33.96 ng
RT: 8.60 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion:180 Resp: 92421
Ion Ratio Lower Upper
180 100
182 92.7 77.6 116.4
145 33.0 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: 34.05 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

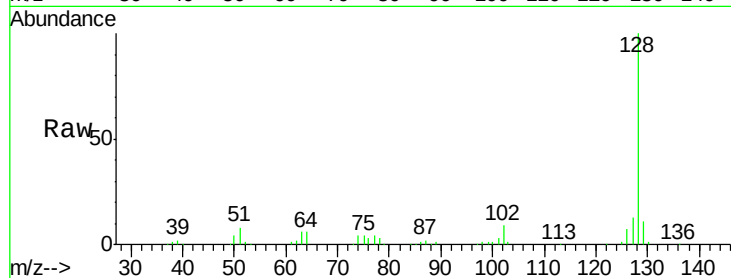
Tgt Ion:128 Resp: 304448

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

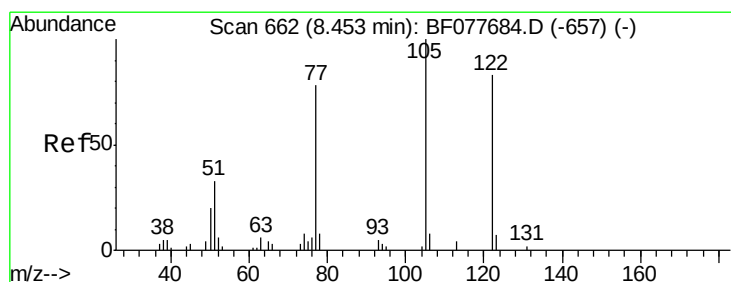
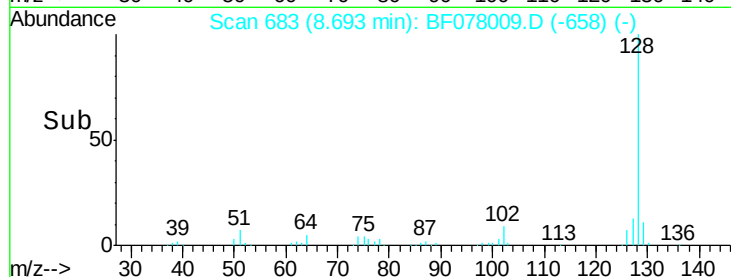
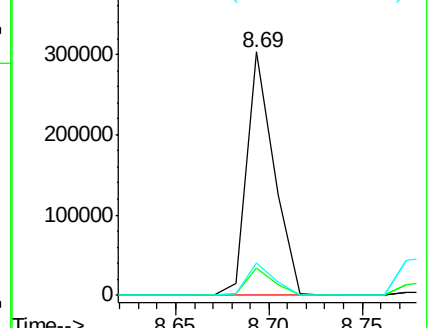
127 13.3 10.4 15.6



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: 26.42 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

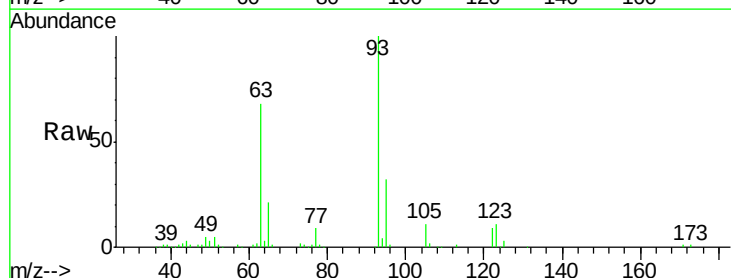
Tgt Ion:122 Resp: 35498

Ion Ratio Lower Upper

122 100

105 120.5 99.9 139.9

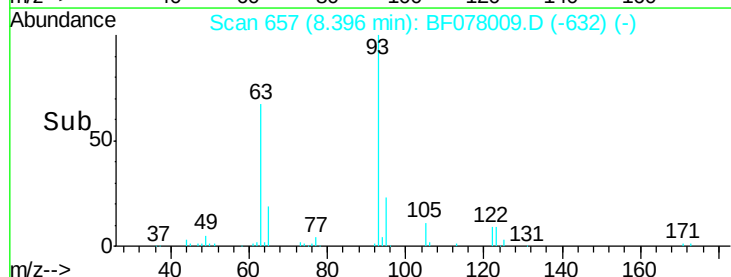
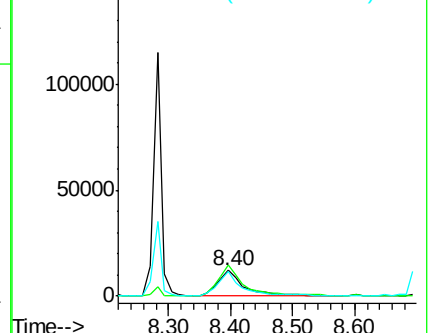
77 97.3 73.7 113.7

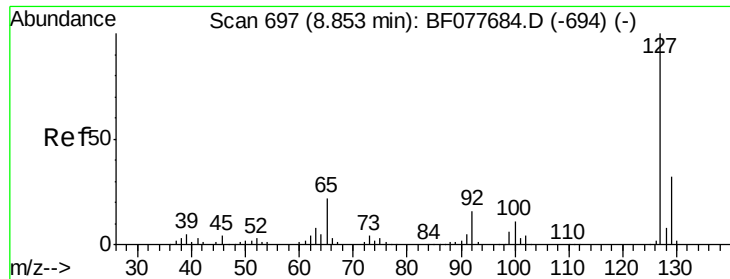


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

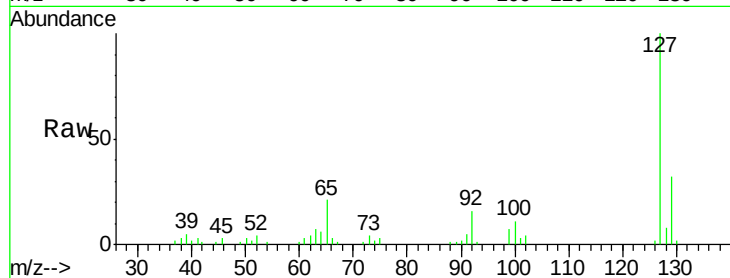




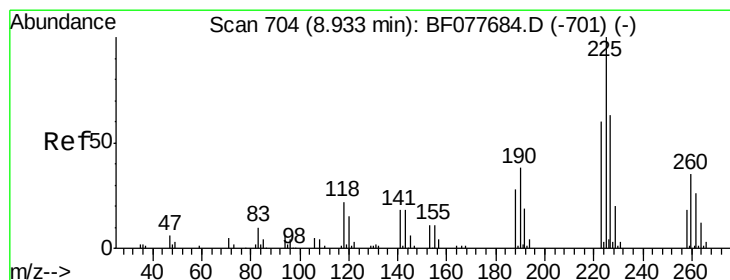
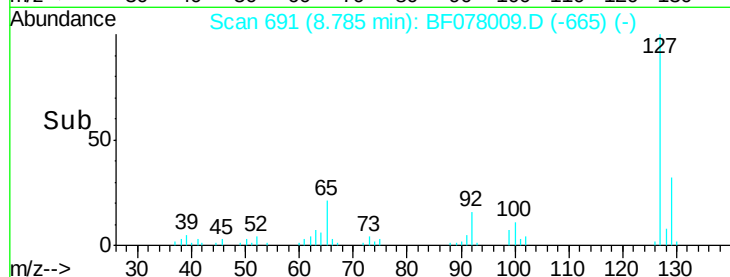
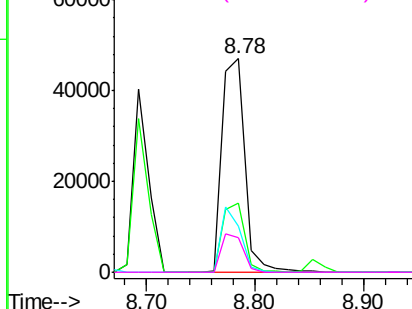
#33
4-Chloroaniline
Concen: 18.95 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Instrument :
BNA_F
ClientSampleId :
PB82242BS

Tgt Ion:	127	Resp:	68759
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.3	37.9
65	21.4	17.6	26.4
92	16.1	13.1	19.7

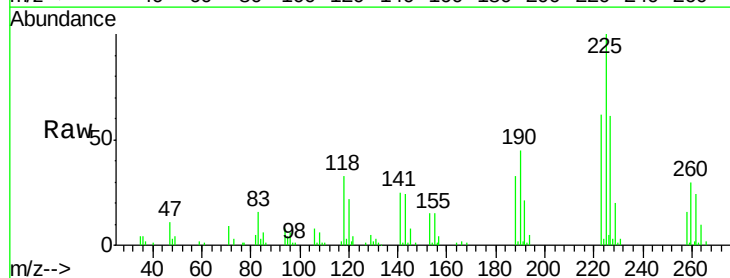


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

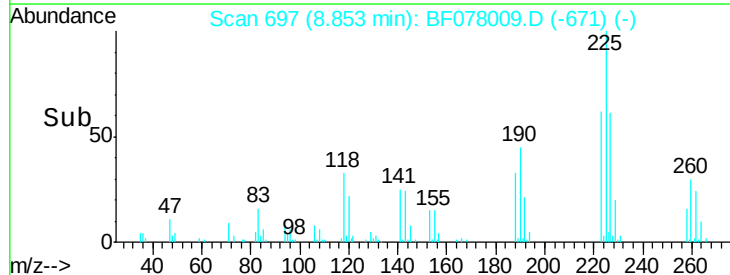
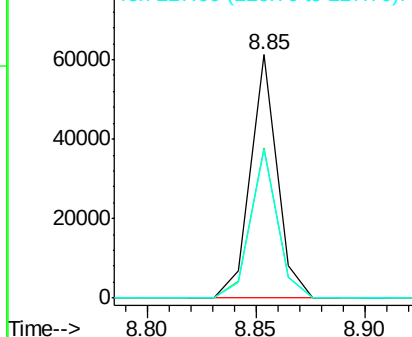


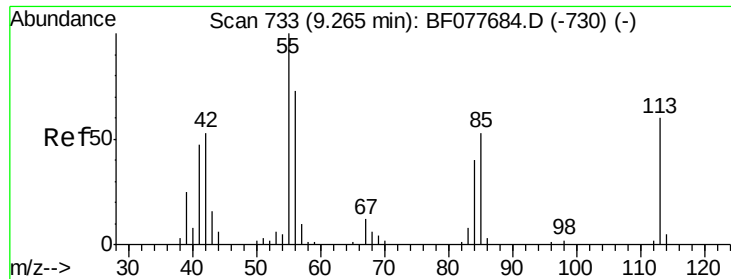
#34
Hexachlorobutadiene
Concen: 33.87 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion:	225	Resp:	52254
Ion	Ratio	Lower	Upper
225	100		
223	61.8	47.9	71.9
227	61.2	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: 39.72 ng

RT: 9.21 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

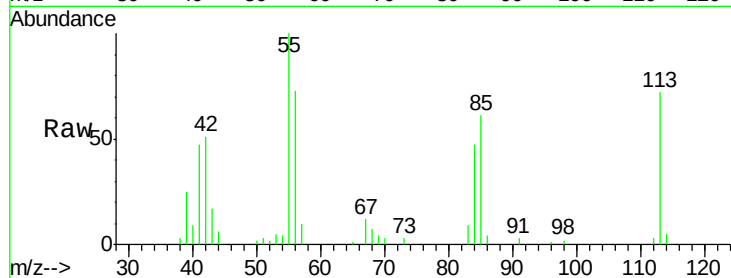
Tgt Ion:113 Resp: 28239

Ion Ratio Lower Upper

113 100

55 138.5 145.9 185.9#

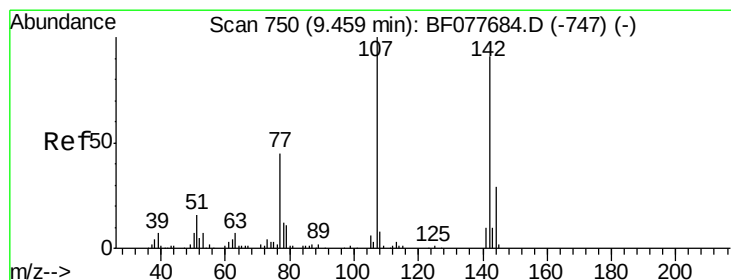
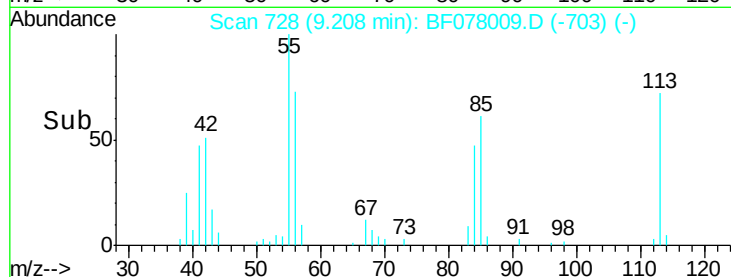
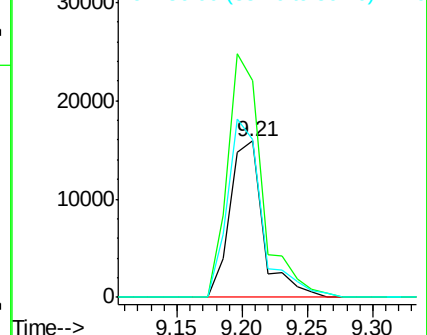
56 101.4 101.0 141.0



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: 37.44 ng

RT: 9.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

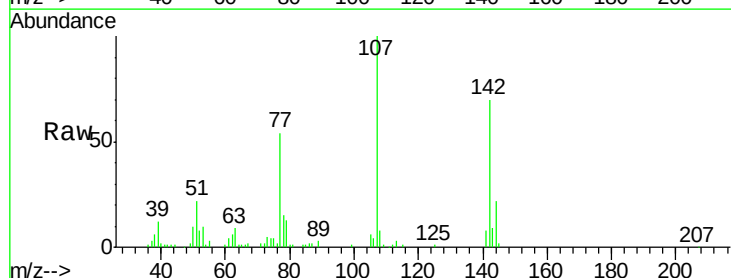
Tgt Ion:107 Resp: 91642

Ion Ratio Lower Upper

107 100

144 22.4 23.3 34.9#

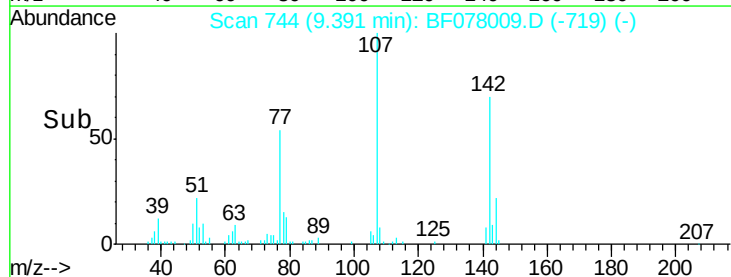
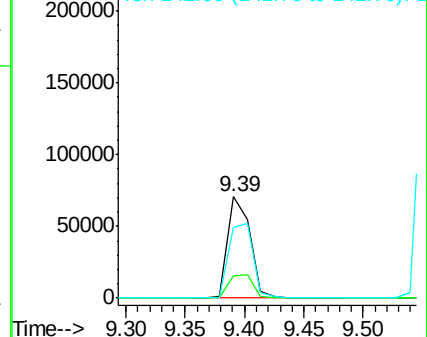
142 70.2 72.6 109.0#

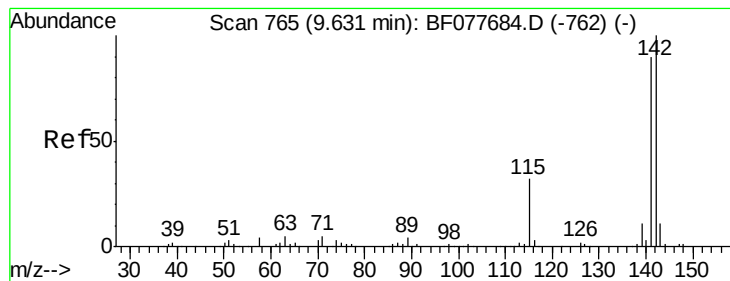


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.48 ng

RT: 9.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

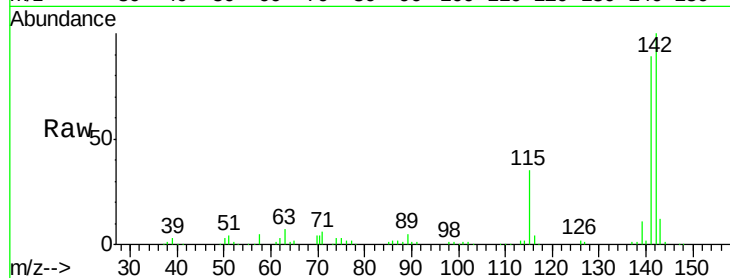
Tgt Ion:142 Resp: 213133

Ion Ratio Lower Upper

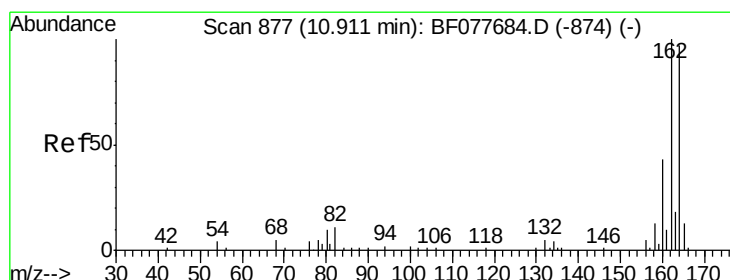
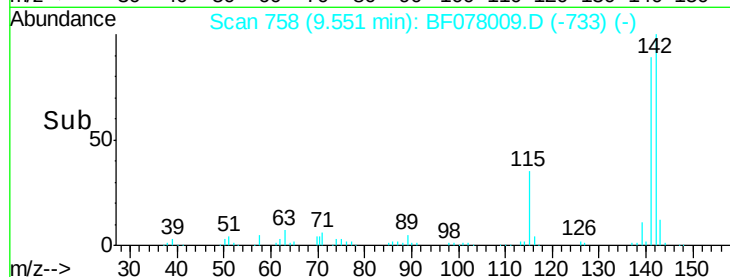
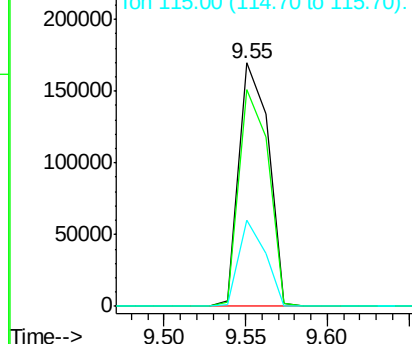
142 100

141 89.1 71.9 107.9

115 35.4 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: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

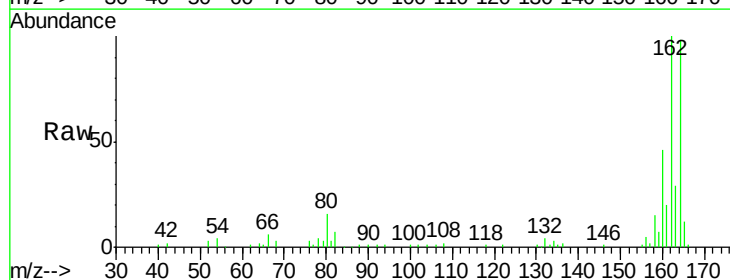
Tgt Ion:164 Resp: 86865

Ion Ratio Lower Upper

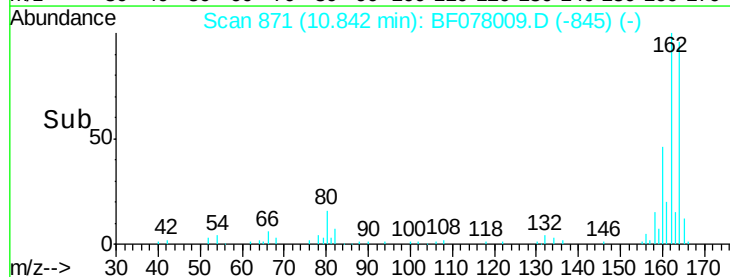
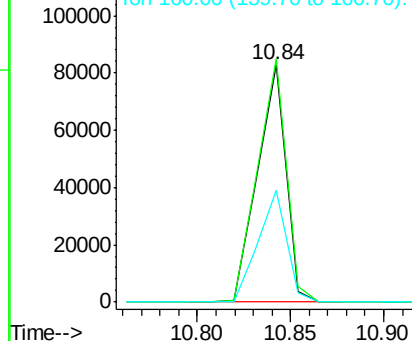
164 100

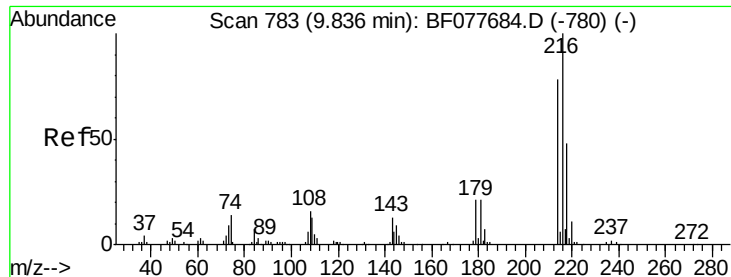
162 102.5 82.4 123.6

160 47.3 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: 35.03 ng

RT: 9.76 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

Tgt Ion:216 Resp: 90746

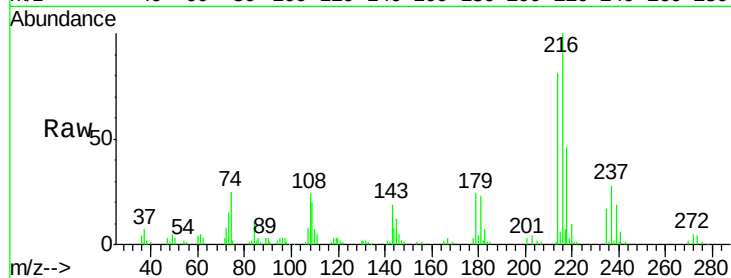
Ion Ratio Lower Upper

216 100

214 78.6 0.0 0.0#

179 21.2 0.0 0.0#

108 21.2 0.0 0.0#

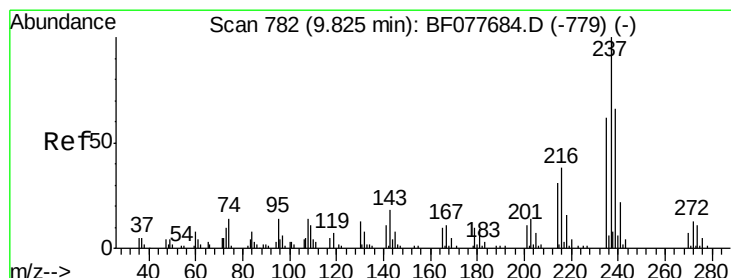
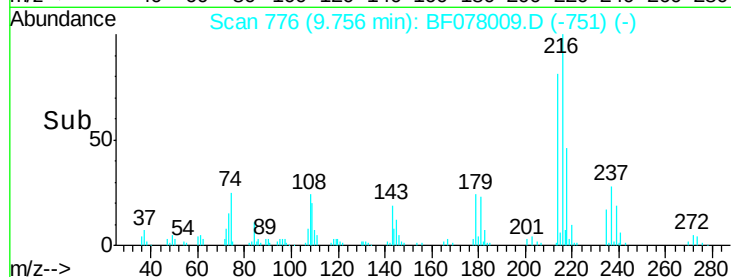
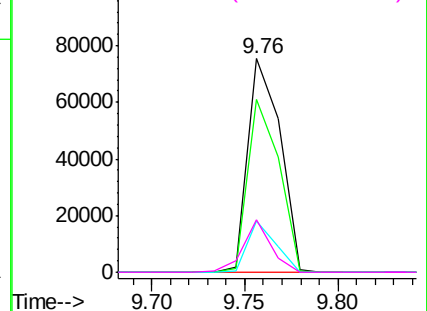


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 63.70 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

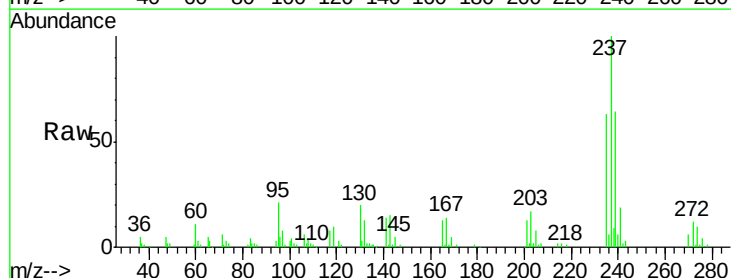
Tgt Ion:237 Resp: 81740

Ion Ratio Lower Upper

237 100

235 63.3 42.0 82.0

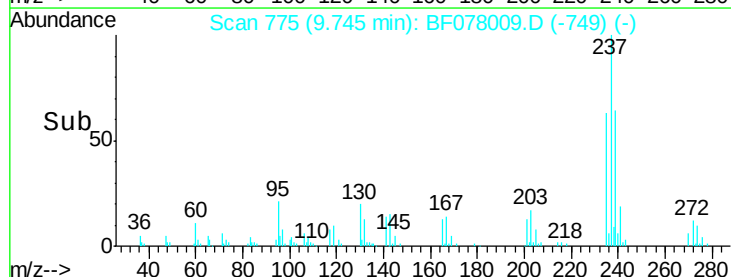
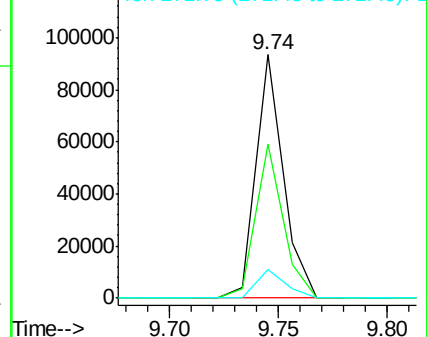
272 11.8 0.0 33.4

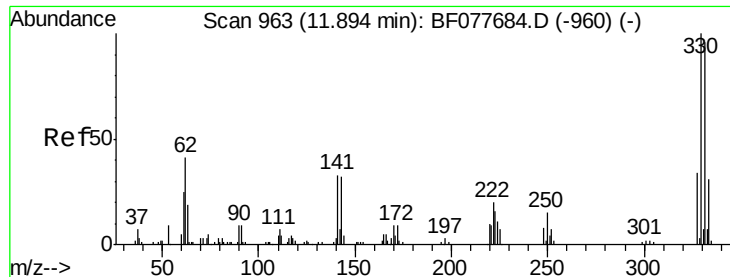


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

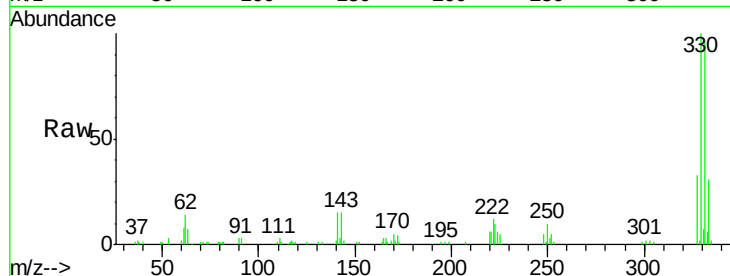




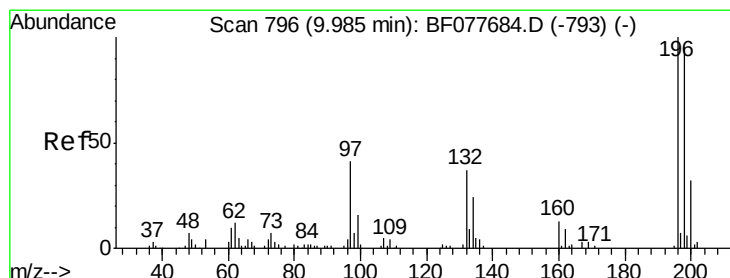
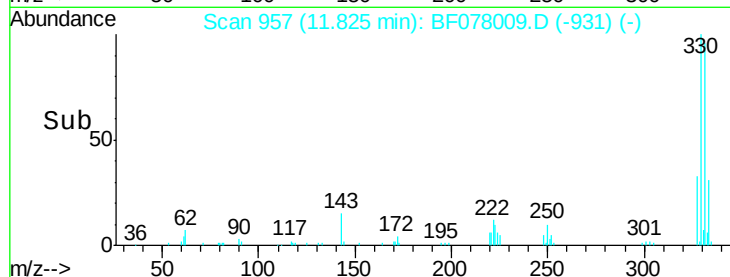
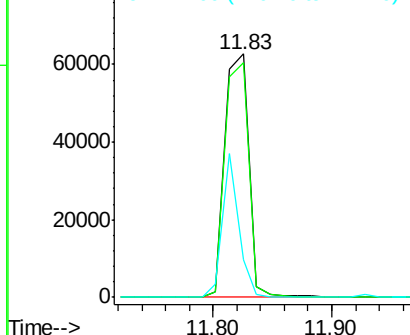
#41
 2,4,6-Tribromophenol
 Concen: 105.66 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

Tgt Ion:330 Resp: 87812
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 39.6 0.0 0.0#

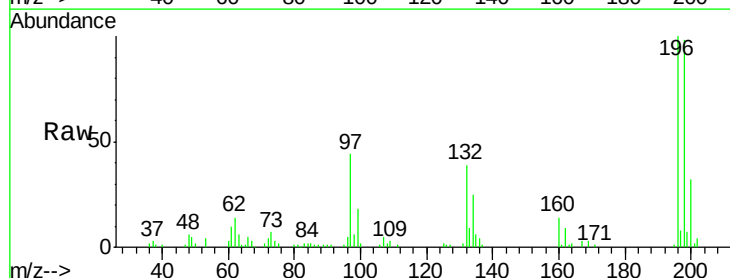


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

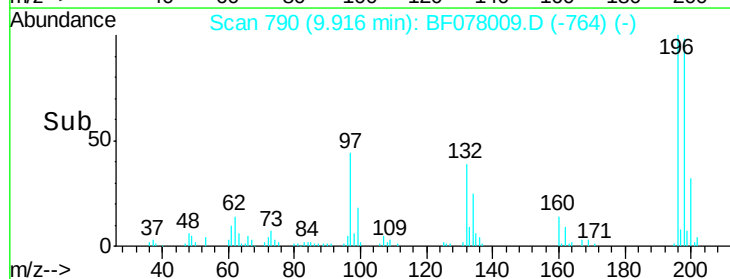
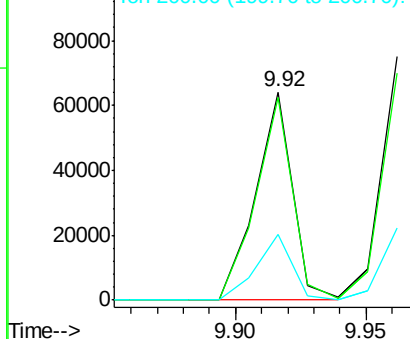


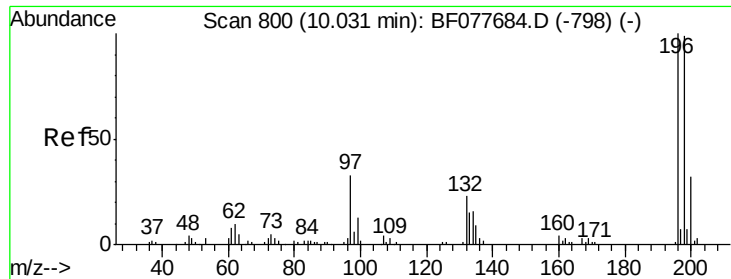
#42
 2,4,6-Trichlorophenol
 Concen: 35.30 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion:196 Resp: 63355
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.3 114.5
 200 31.6 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

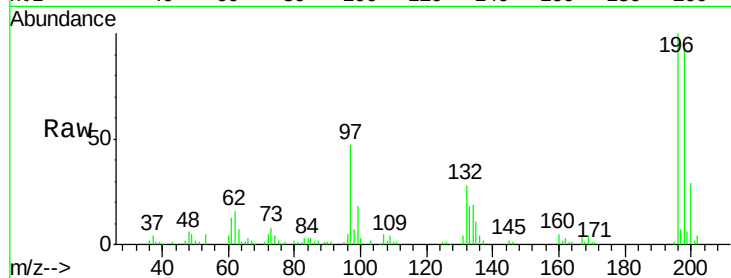




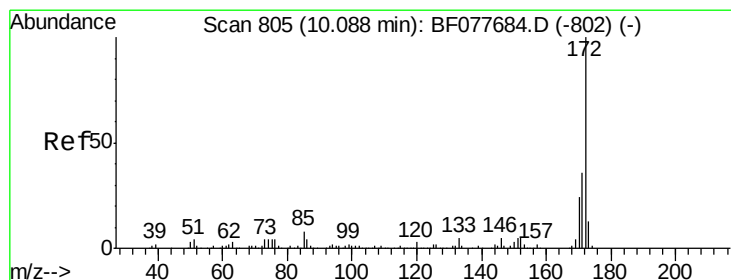
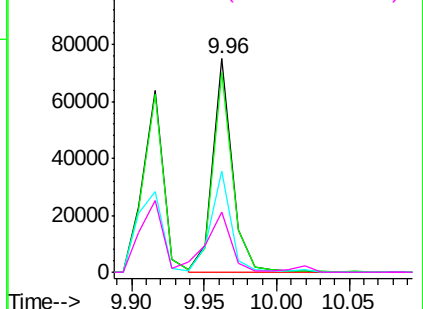
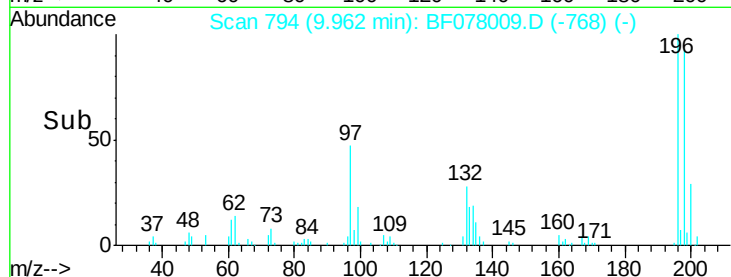
#43
 2,4,5-Trichlorophenol
 Concen: 36.47 ng
 RT: 9.96 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

Tgt Ion:196 Resp: 70710
 Ion Ratio Lower Upper
 196 100
 198 93.5 79.4 119.0
 97 47.1 26.8 40.2#
 132 28.1 18.6 28.0#

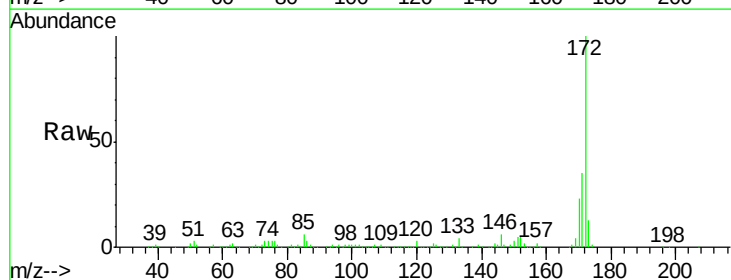


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

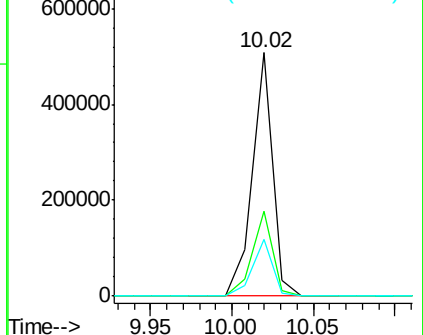
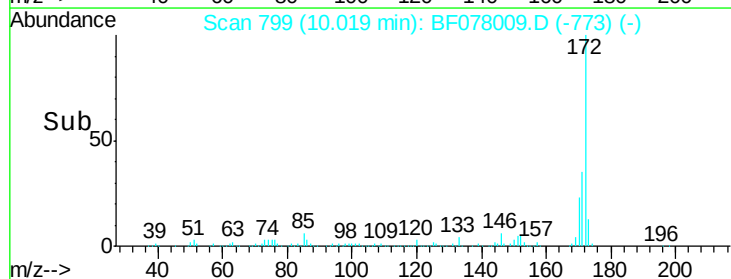


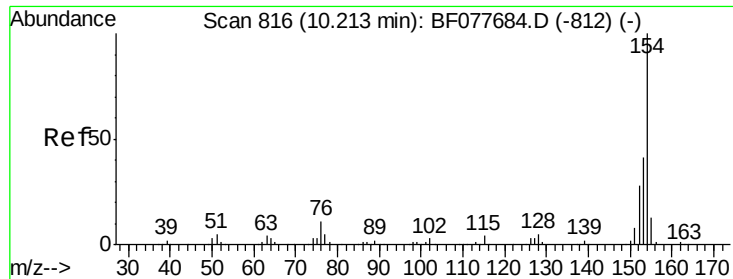
#44
 2-Fluorobiphenyl
 Concen: 74.30 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion:172 Resp: 439159
 Ion Ratio Lower Upper
 172 100
 171 35.1 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

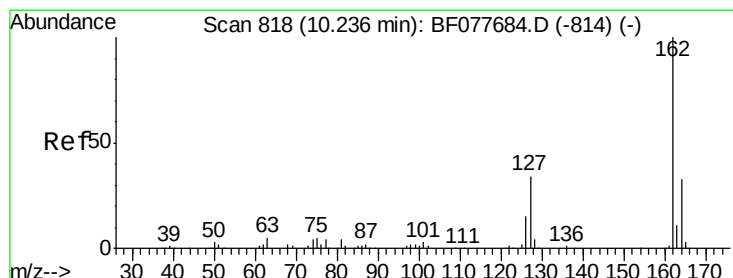
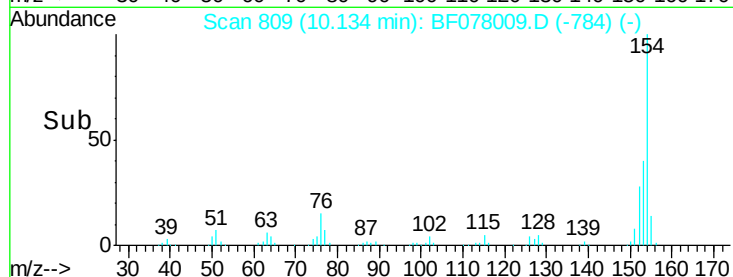
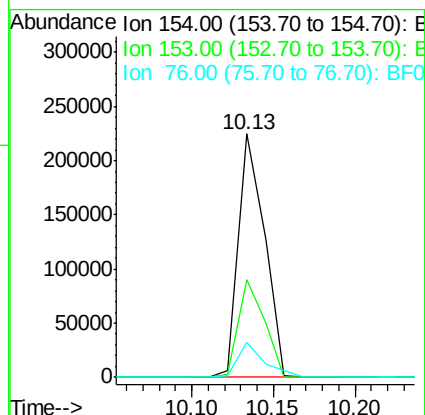
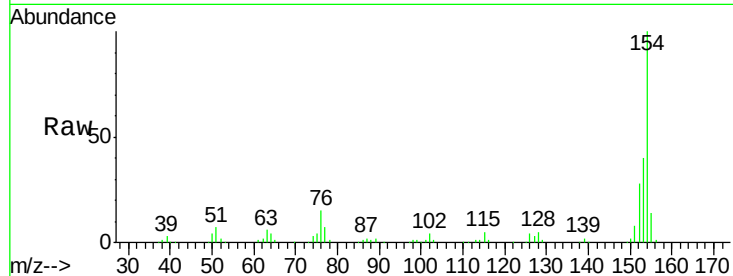




#45
1,1'-Biphenyl
Concen: 35.52 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

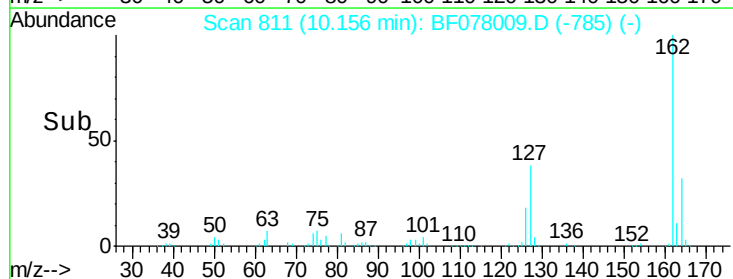
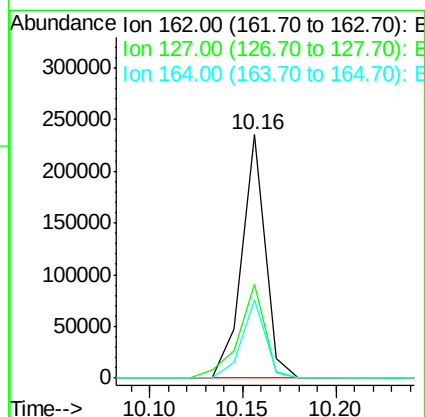
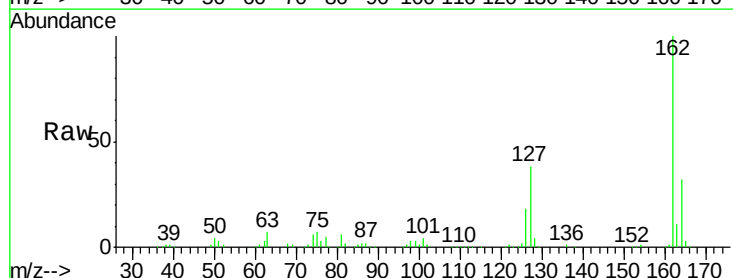
Instrument :
BNA_F
ClientSampleId :
PB82242BS

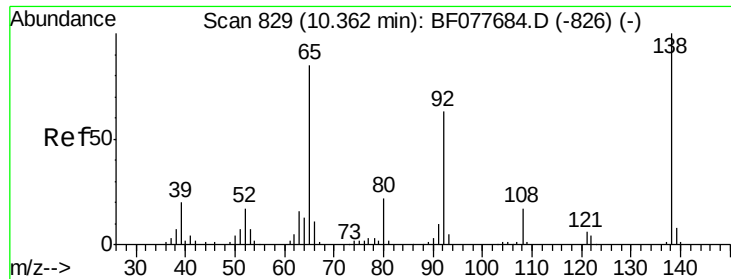
Tgt Ion:154 Resp: 246669
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 14.5 0.0 30.9



#46
2-Chloronaphthalene
Concen: 36.75 ng
RT: 10.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion:162 Resp: 207379
Ion Ratio Lower Upper
162 100
127 38.3 26.9 40.3
164 32.4 26.8 40.2

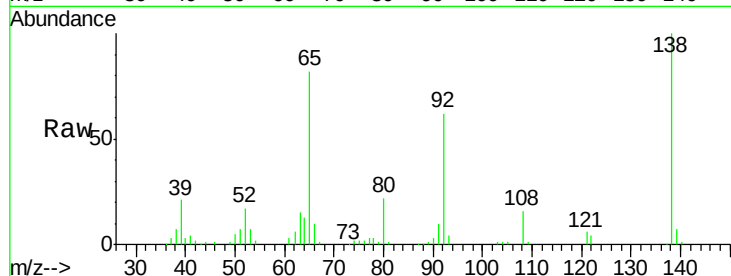




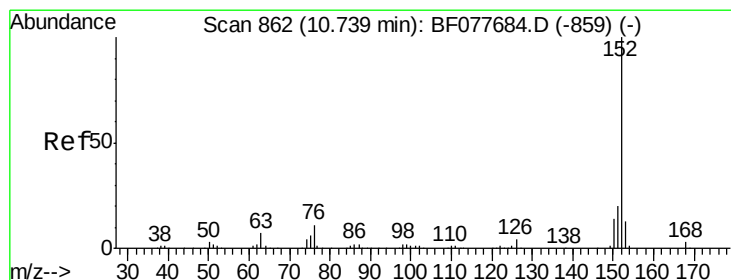
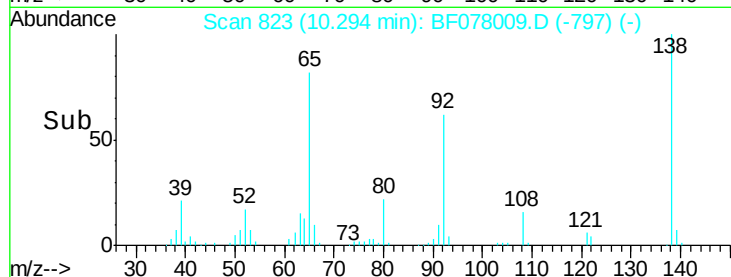
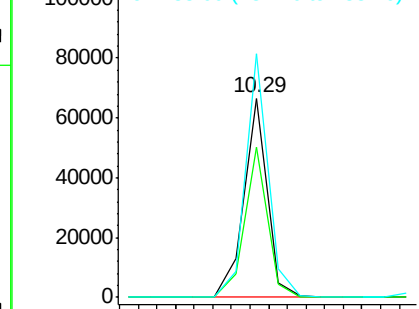
#47
2-Nitroaniline
Concen: 41.73 ng
RT: 10.29 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Instrument :
BNA_F
ClientSampleId :
PB82242BS

Tgt Ion: 65 Resp: 58482
Ion Ratio Lower Upper
65 100
92 75.5 59.1 88.7
138 122.2 93.9 140.9

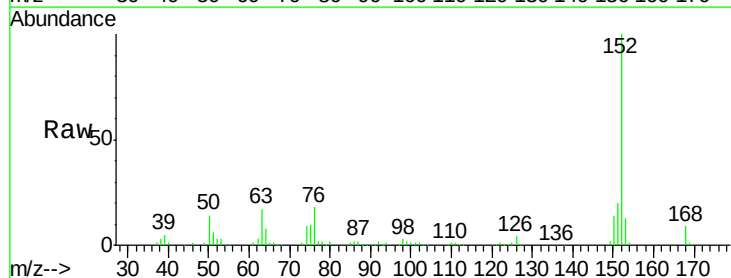


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

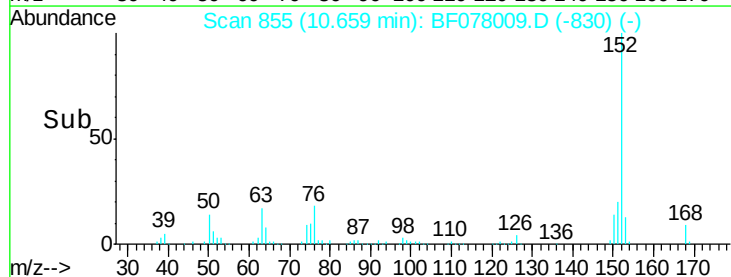
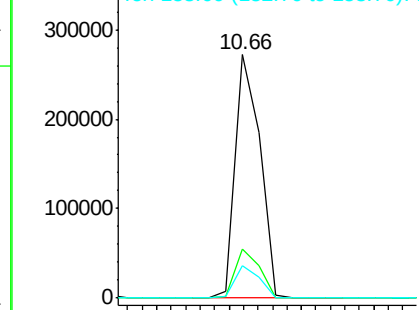


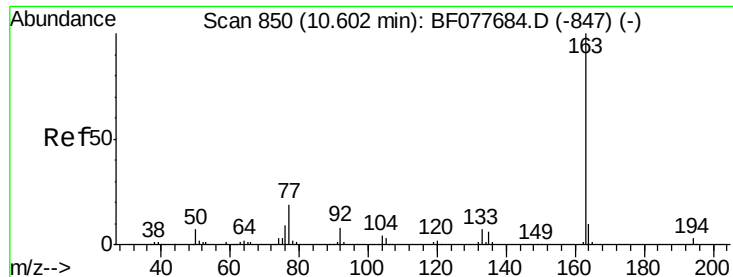
#48
Acenaphthylene
Concen: 34.31 ng
RT: 10.66 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion: 152 Resp: 322008
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.5 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

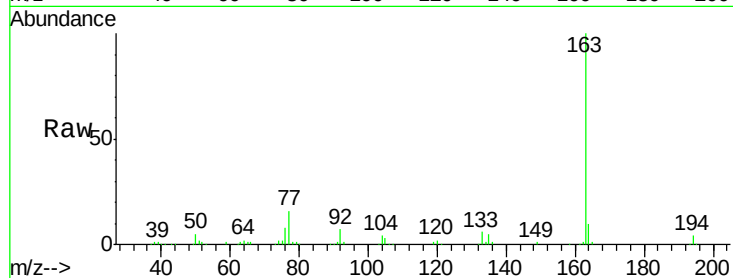




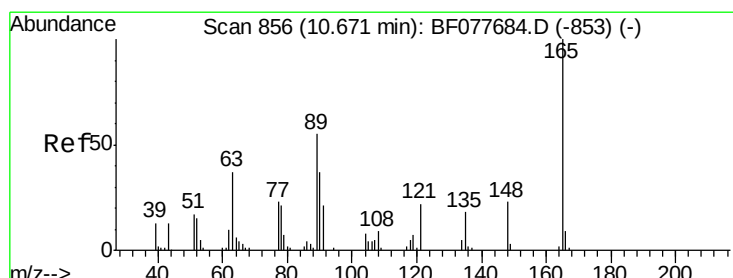
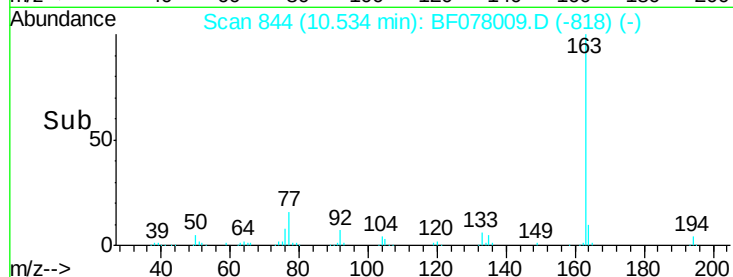
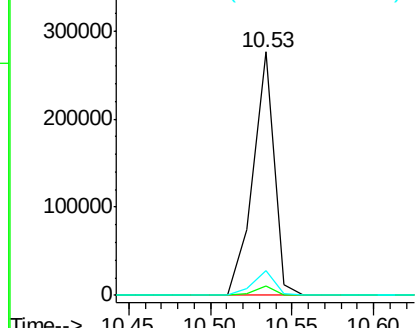
#49
Dimethylphthalate
Concen: 38.76 ng
RT: 10.53 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Instrument :
BNA_F
ClientSampleId :
PB82242BS

Tgt Ion:163 Resp: 249729
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.0 8.2 12.2

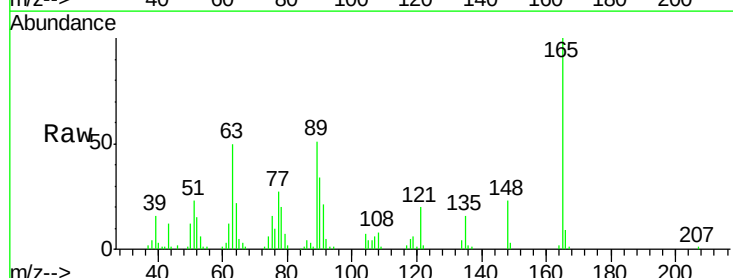


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

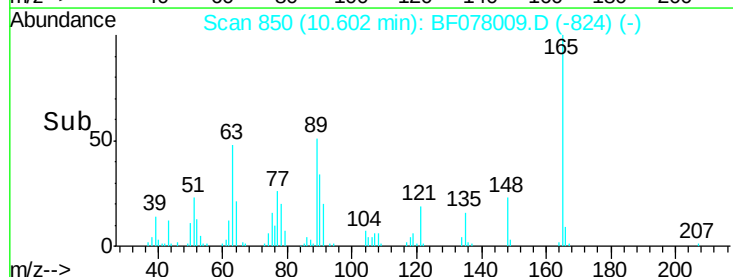
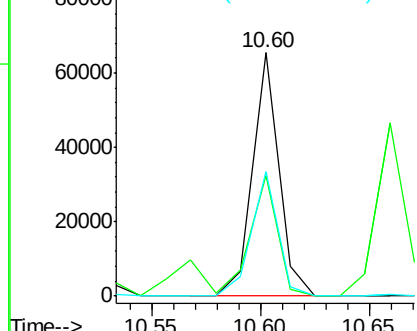


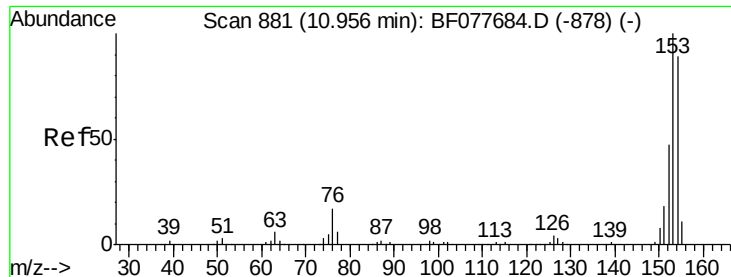
#50
2,6-Dinitrotoluene
Concen: 41.23 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion:165 Resp: 55065
Ion Ratio Lower Upper
165 100
63 49.5 44.1 66.1
89 51.1 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: 33.92 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

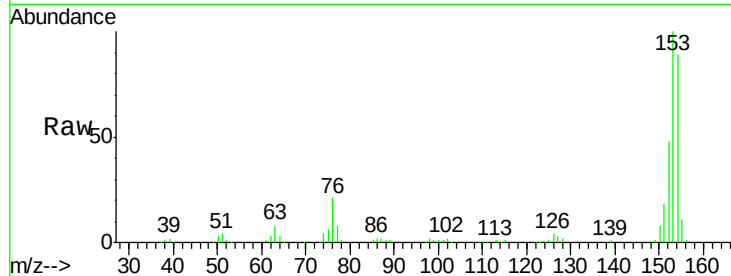
Tgt Ion:154 Resp: 182507

Ion Ratio Lower Upper

154 100

153 112.4 90.0 135.0

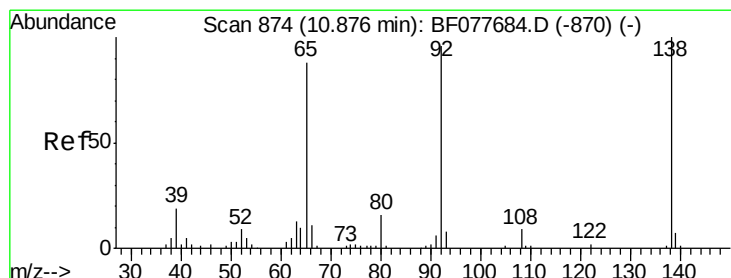
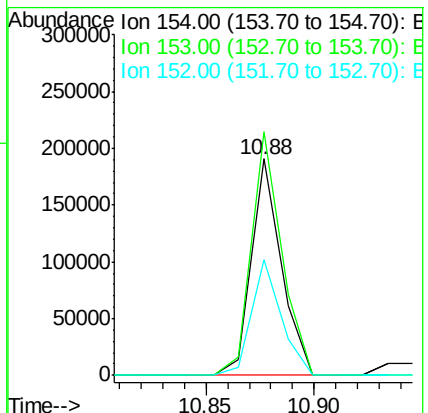
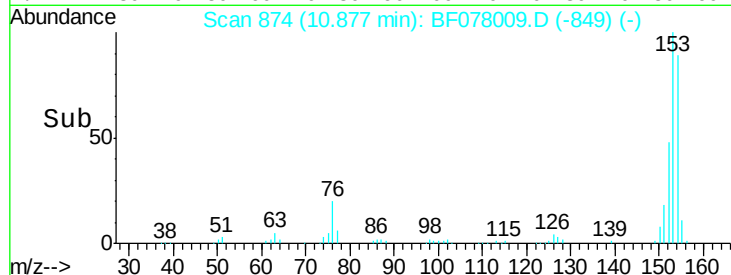
152 53.5 42.6 63.8



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: 27.58 ng

RT: 10.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

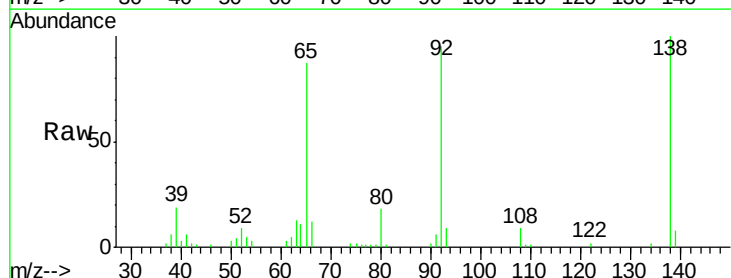
Tgt Ion:138 Resp: 42770

Ion Ratio Lower Upper

138 100

108 9.0 7.3 10.9

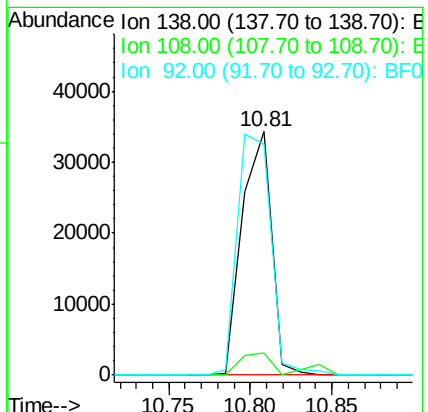
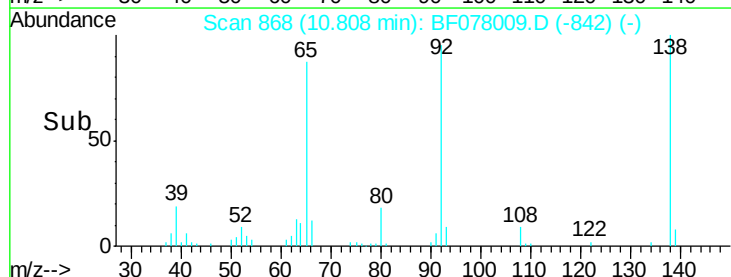
92 94.8 76.6 114.8

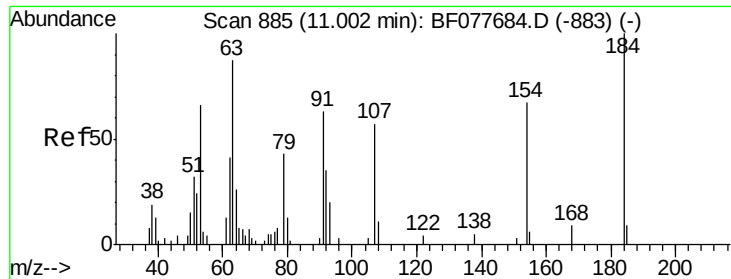


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

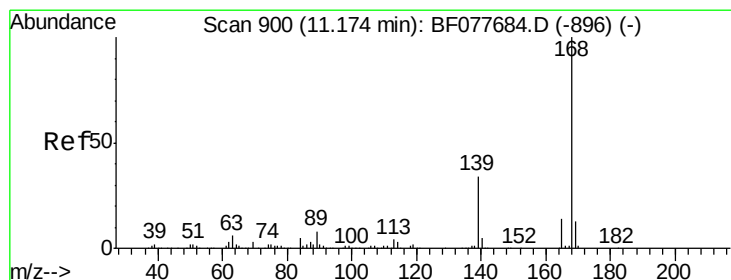
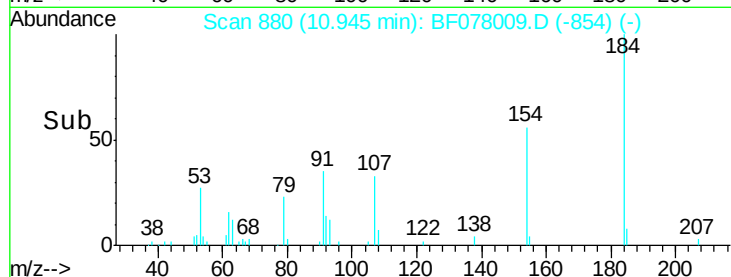
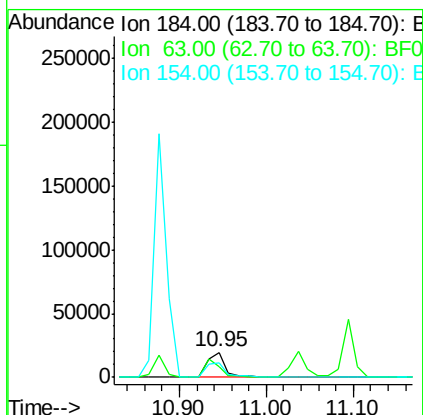
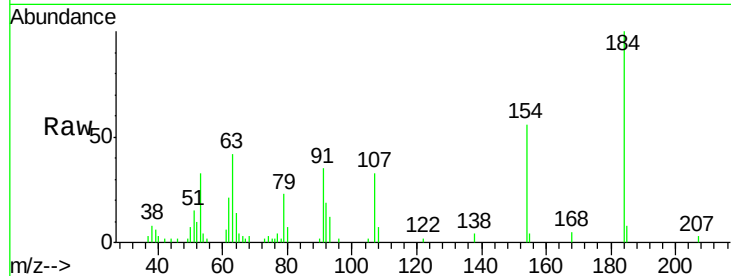




#53
2,4-Dinitrophenol
Concen: 62.95 ng
RT: 10.95 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

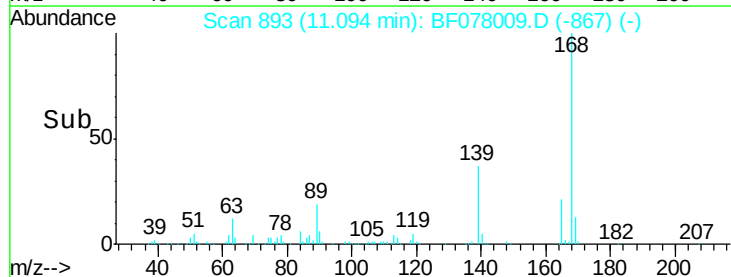
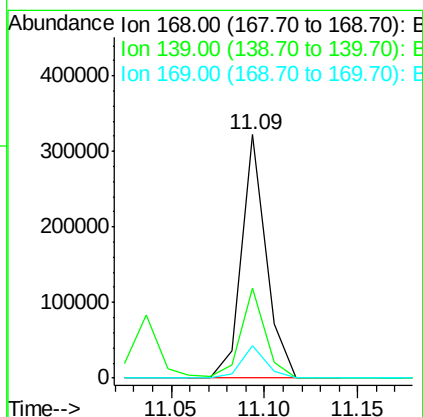
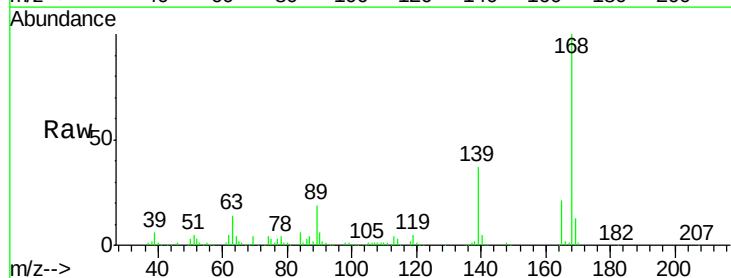
Instrument :
BNA_F
ClientSampleId :
PB82242BS

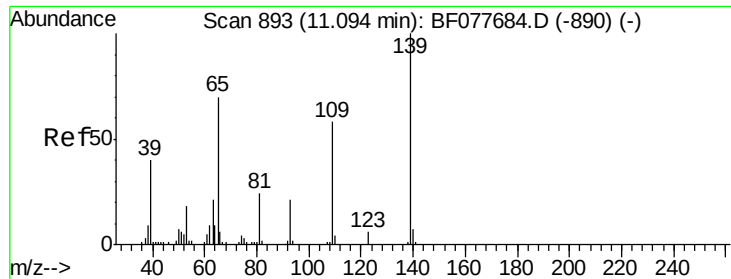
Tgt Ion:184 Resp: 29948
Ion Ratio Lower Upper
184 100
63 42.3 69.2 103.8#
154 56.0 53.3 79.9



#54
Dibenzofuran
Concen: 36.91 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion:168 Resp: 294579
Ion Ratio Lower Upper
168 100
139 37.2 27.3 40.9
169 13.4 10.6 16.0

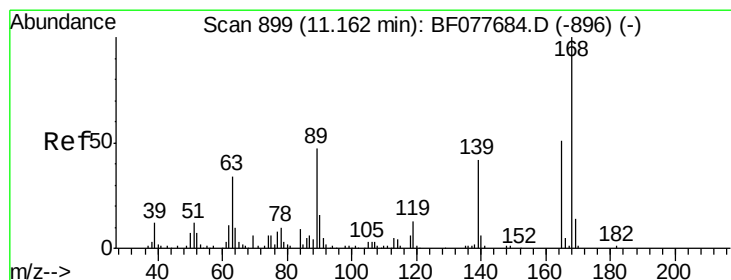
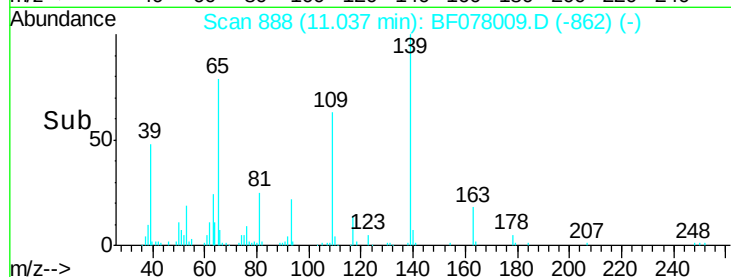
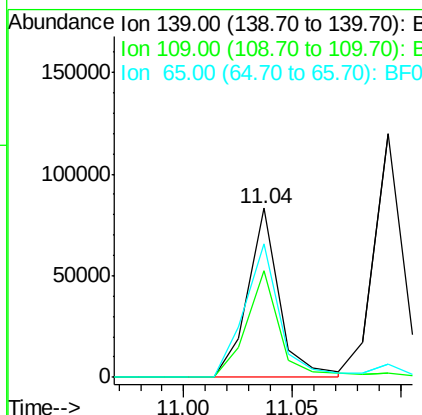
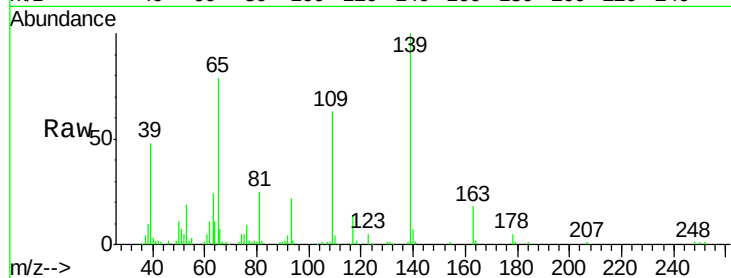




#55
4-Nitrophenol
Concen: 73.50 ng
RT: 11.04 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

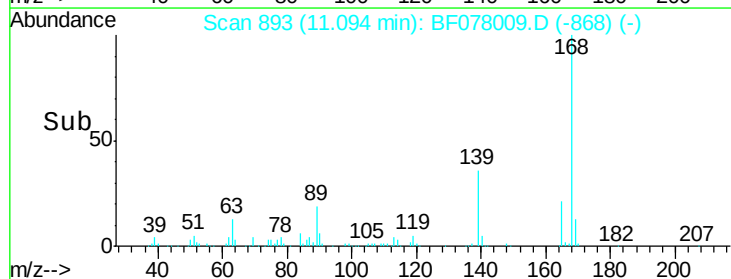
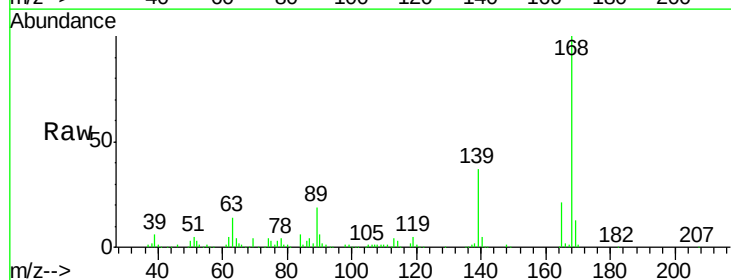
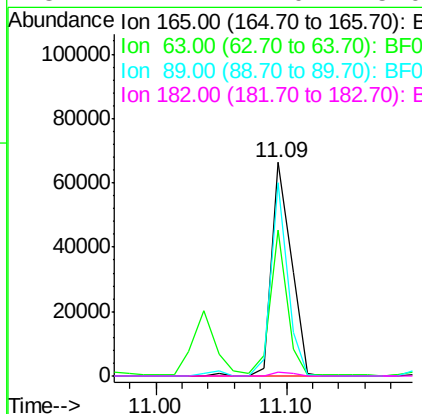
Instrument :
BNA_F
ClientSampleId :
PB82242BS

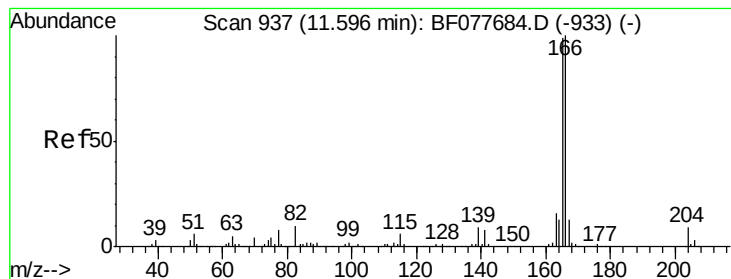
Tgt Ion:139 Resp: 84446
Ion Ratio Lower Upper
139 100
109 63.3 37.7 77.7
65 79.1 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 40.25 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion:165 Resp: 70098
Ion Ratio Lower Upper
165 100
63 68.6 52.4 78.6
89 90.6 72.4 108.6
182 2.1 2.0 3.0





#57

Fluorene

Concen: 36.67 ng

RT: 11.52 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

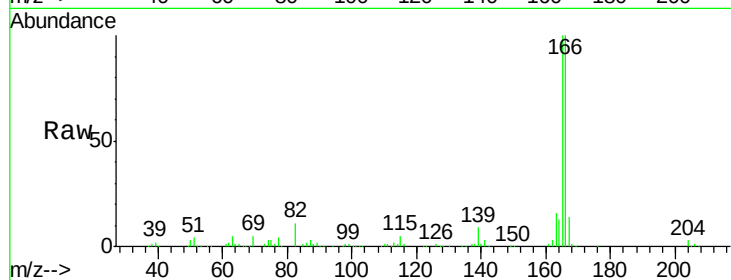
Tgt Ion:166 Resp: 242942

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.4

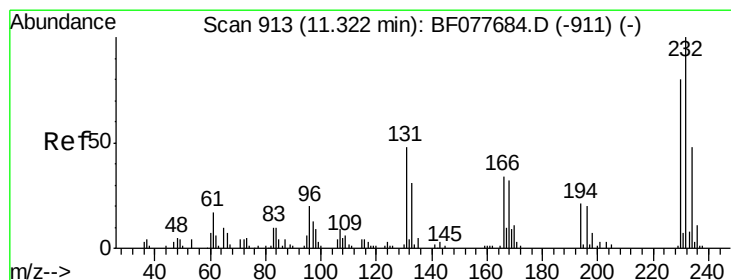
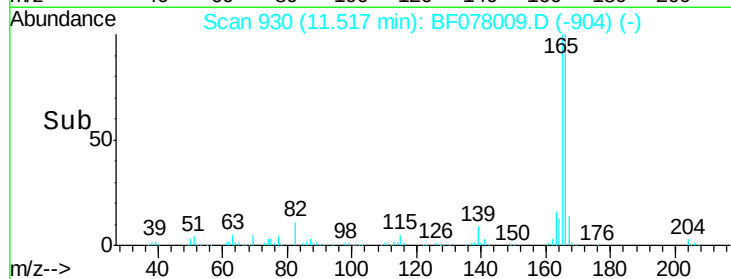
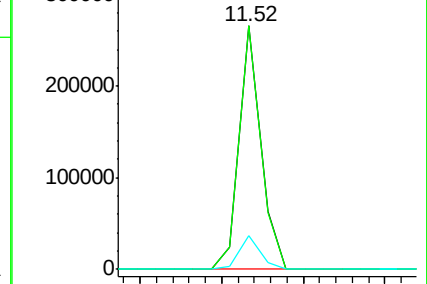
167 13.7 10.3 15.5



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: 38.77 ng

RT: 11.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Tgt Ion:232 Resp: 57877

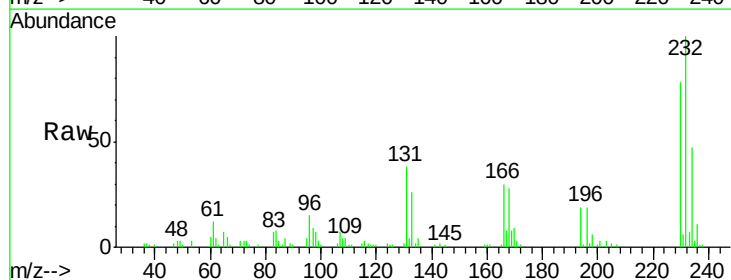
Ion Ratio Lower Upper

232 100

131 44.6 0.0 0.0#

130 2.1 0.0 0.0#

166 31.8 0.0 0.0#

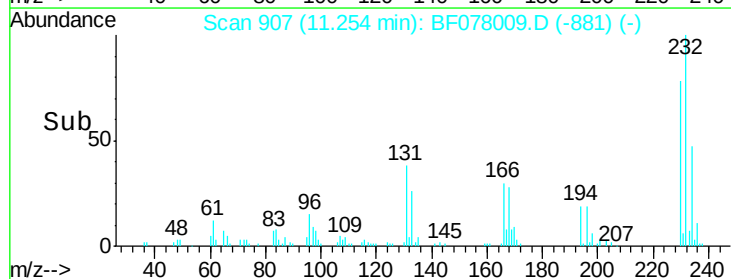
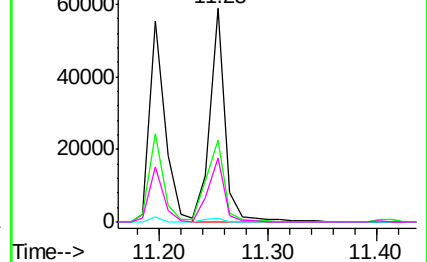


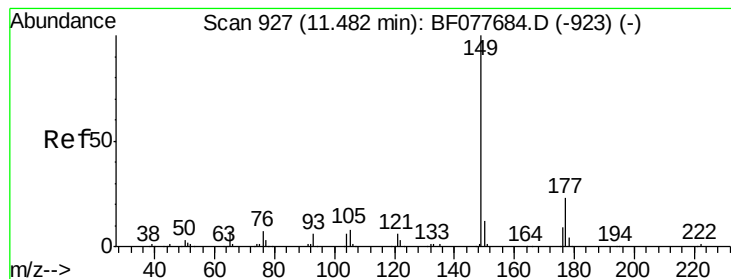
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.37 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

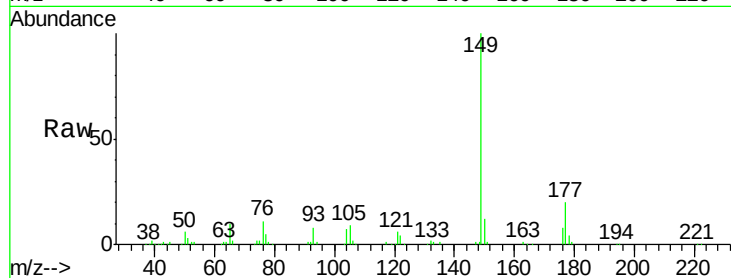
Tgt Ion:149 Resp: 240880

Ion Ratio Lower Upper

149 100

177 19.8 18.3 27.5

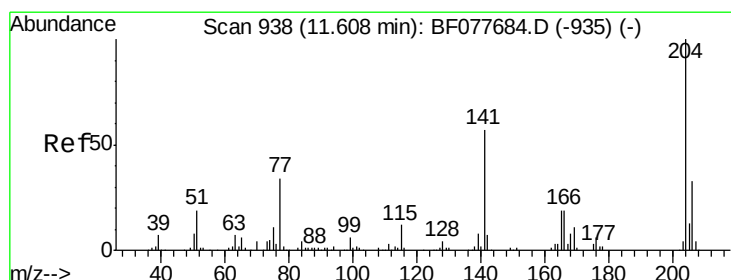
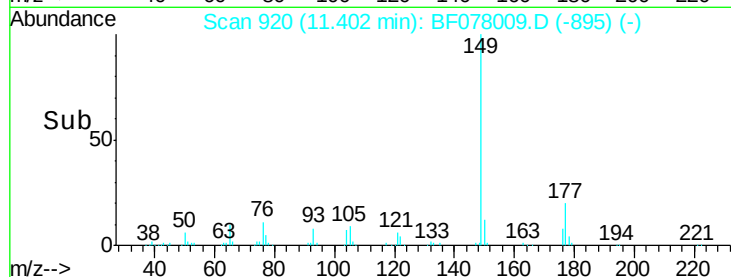
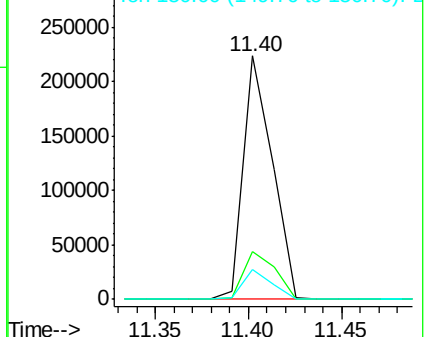
150 12.4 9.8 14.8



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: 35.17 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

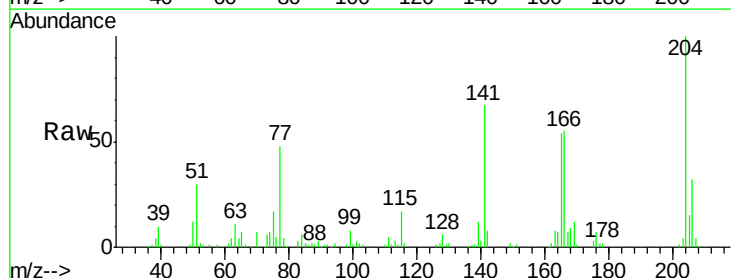
Tgt Ion:204 Resp: 106358

Ion Ratio Lower Upper

204 100

206 32.4 26.6 39.8

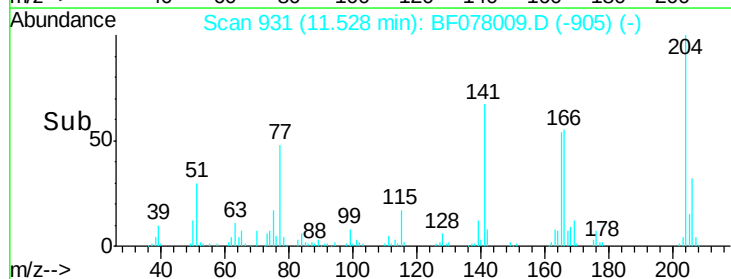
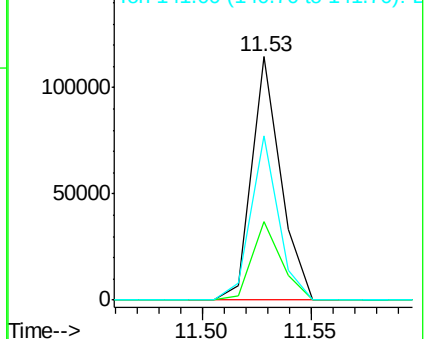
141 67.3 45.2 67.8

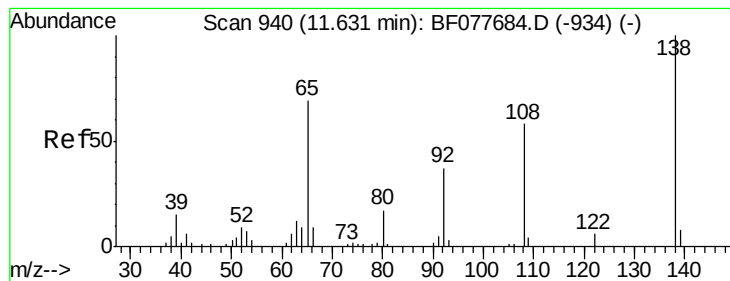


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.19 ng

RT: 11.56 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleID :

PB82242BS

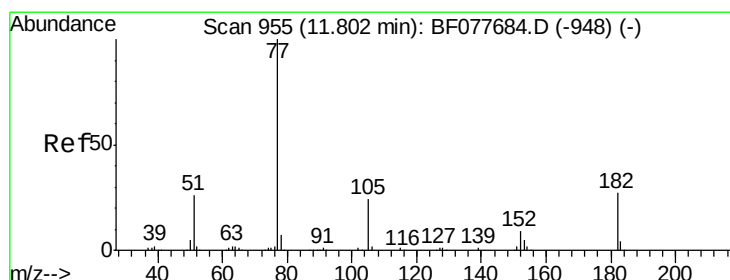
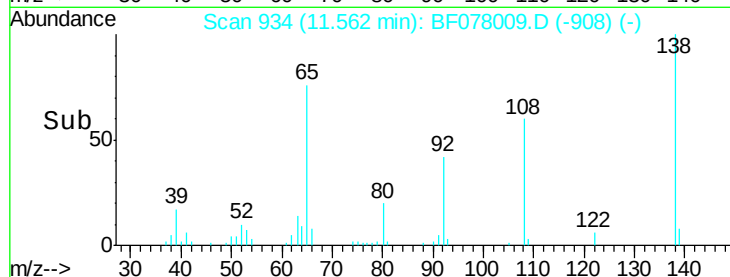
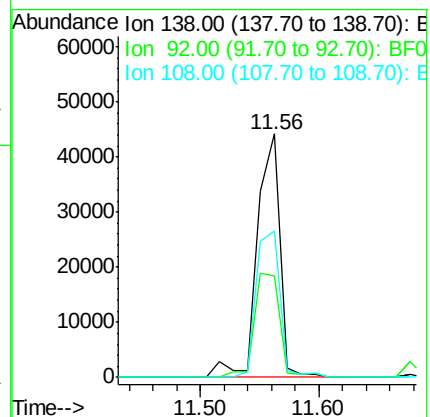
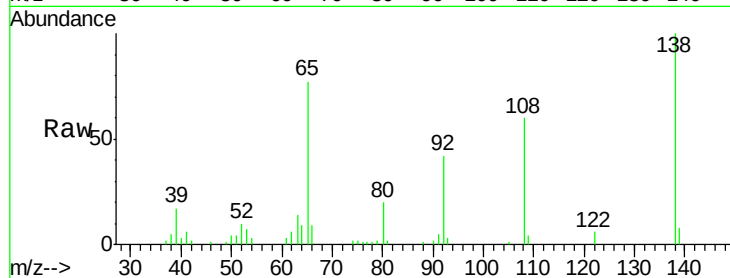
Tgt Ion:138 Resp: 59035

Ion Ratio Lower Upper

138 100

92 41.6 16.7 56.7

108 60.0 37.6 77.6



#62

Azobenzene

Concen: 37.47 ng

RT: 11.72 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Tgt Ion: 77 Resp: 224821

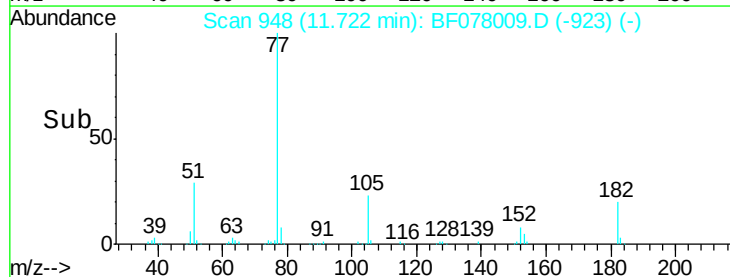
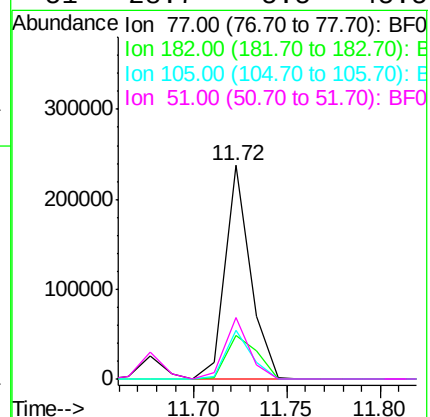
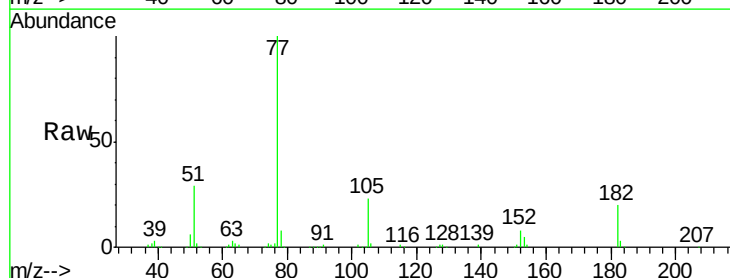
Ion Ratio Lower Upper

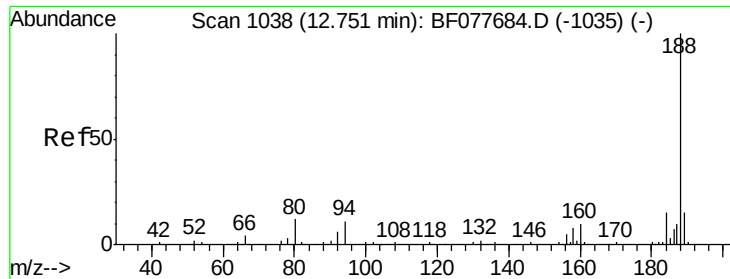
77 100

182 20.2 6.5 46.5

105 22.9 3.8 43.8

51 28.7 5.5 45.5

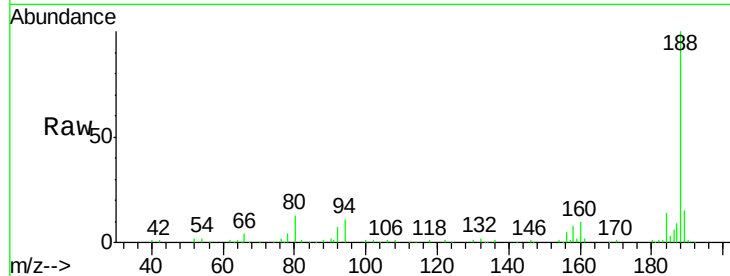




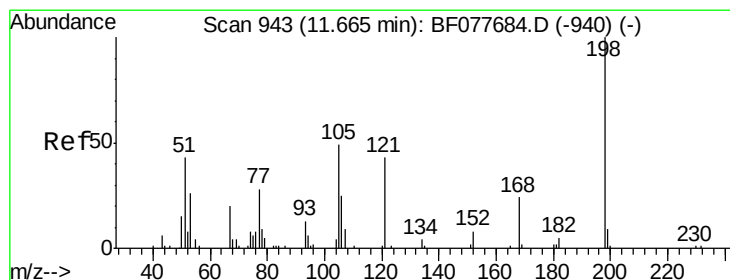
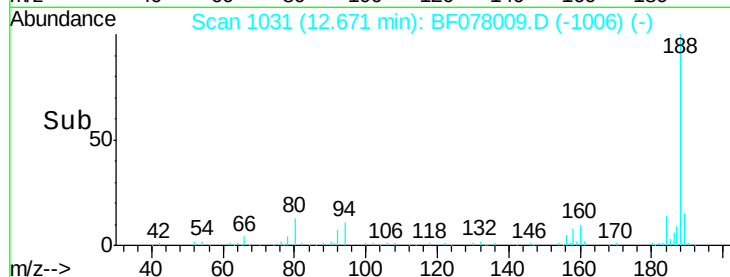
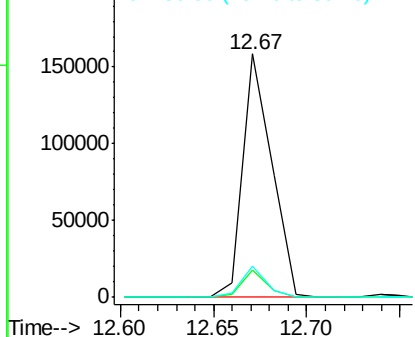
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Instrument :
BNA_F
ClientSampleId :
PB82242BS

Tgt Ion:188 Resp: 171091
Ion Ratio Lower Upper
188 100
94 11.2 8.7 13.1
80 12.6 9.3 13.9

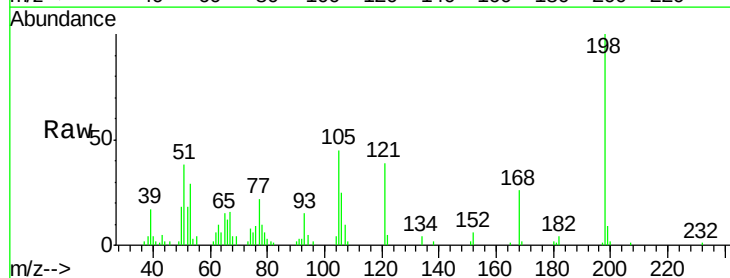


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

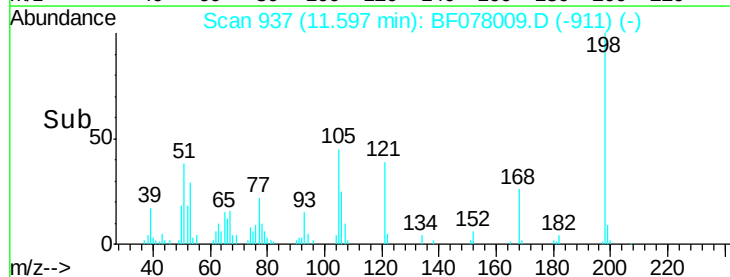
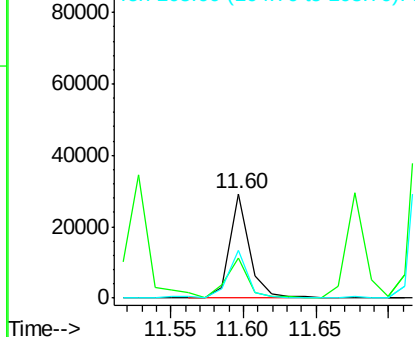


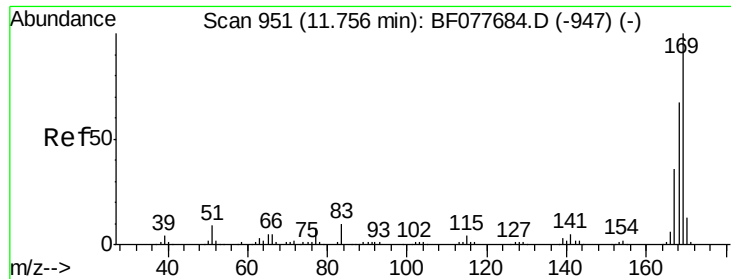
#64
4,6-Dinitro-2-methylphenol
Concen: 35.55 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion:198 Resp: 27733
Ion Ratio Lower Upper
198 100
51 38.3 28.8 68.8
105 45.4 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

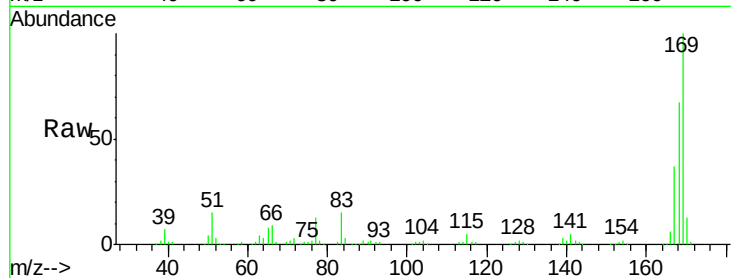




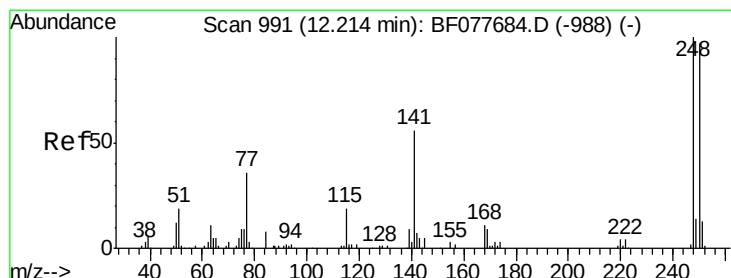
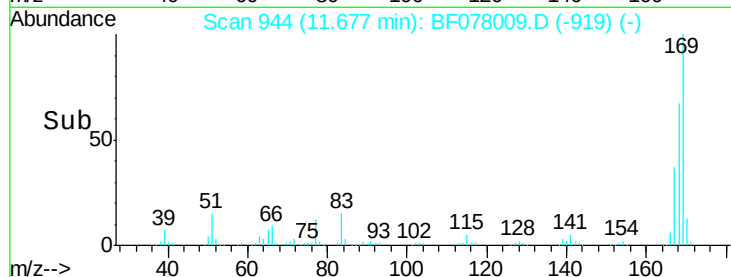
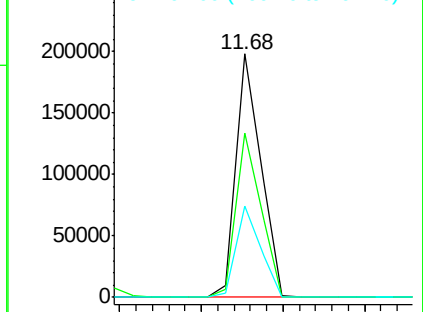
#65
 n-Nitrosodiphenylamine
 Concen: 36.33 ng
 RT: 11.68 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

Tgt Ion:169 Resp: 206998
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.9 80.9
 167 37.4 28.9 43.3

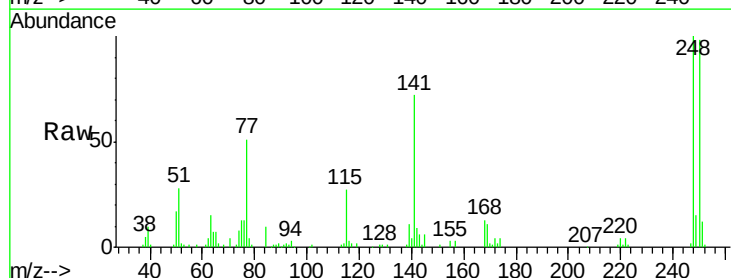


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

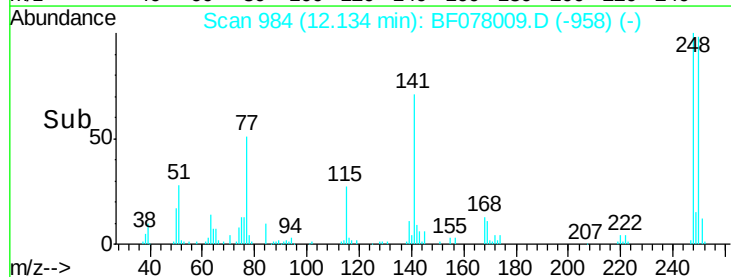
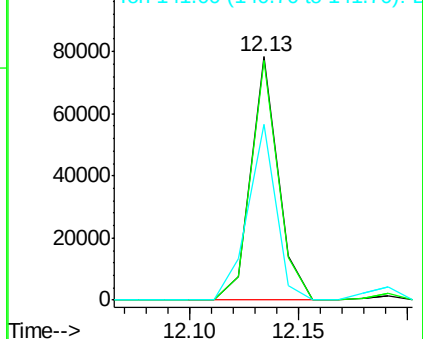


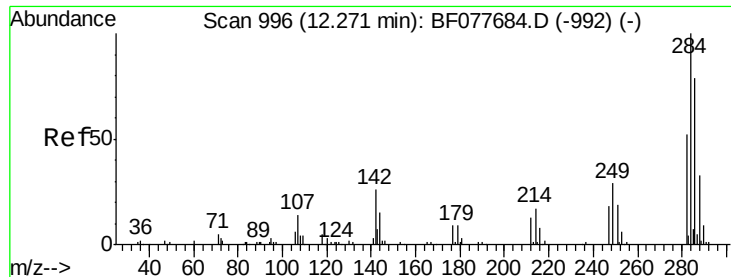
#66
 4-Bromophenyl-phenylether
 Concen: 37.63 ng
 RT: 12.13 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion:248 Resp: 68699
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.4 116.0
 141 72.1 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: 36.55 ng

RT: 12.19 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

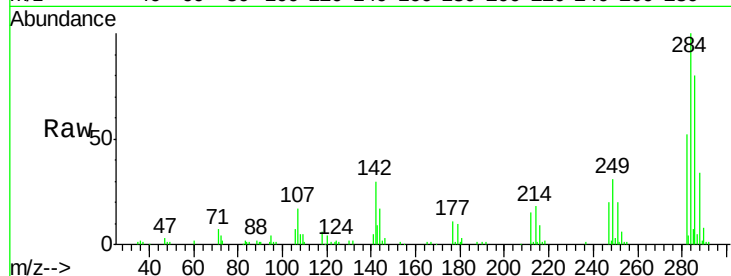
Tgt Ion:284 Resp: 73334

Ion Ratio Lower Upper

284 100

142 30.1 20.4 30.6

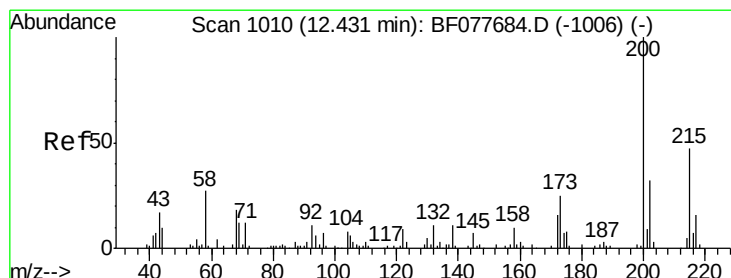
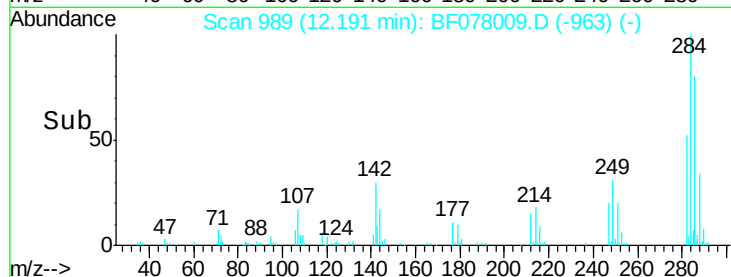
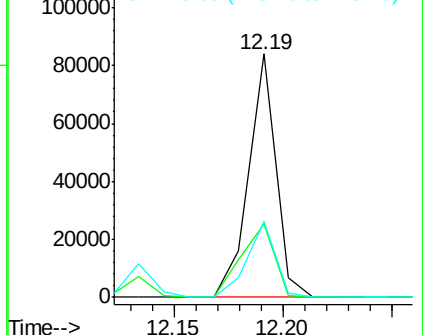
249 31.4 23.8 35.6



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: 43.11 ng

RT: 12.36 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

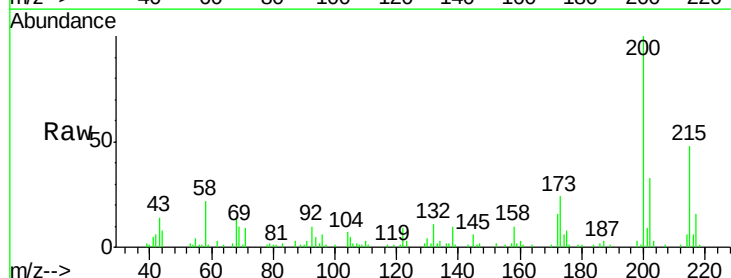
Tgt Ion:200 Resp: 68827

Ion Ratio Lower Upper

200 100

173 24.0 4.8 44.8

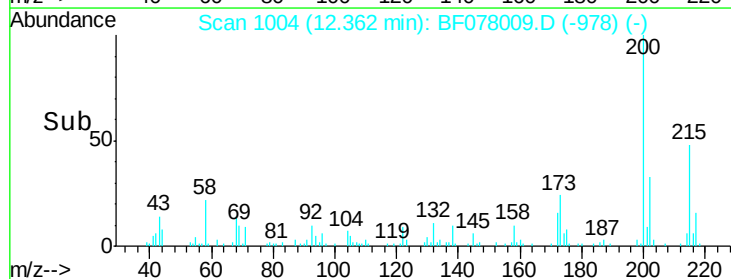
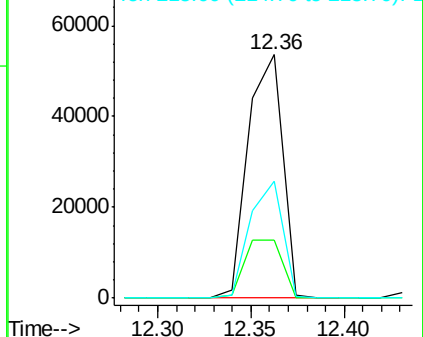
215 48.2 26.9 66.9

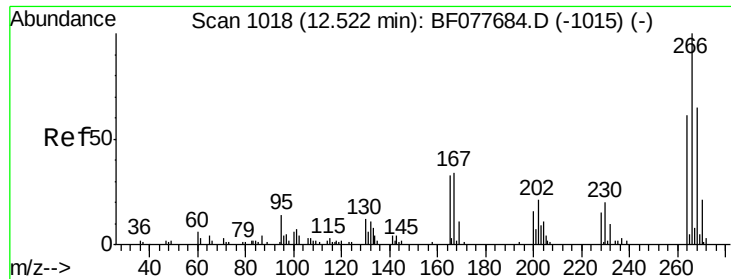


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

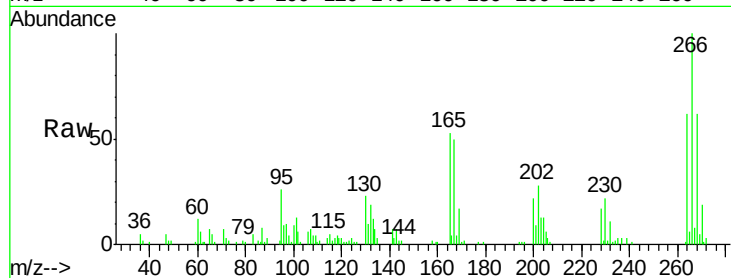




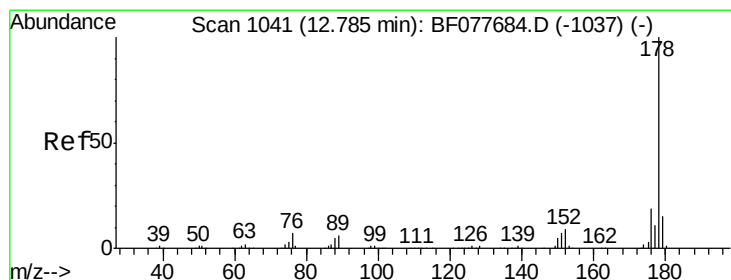
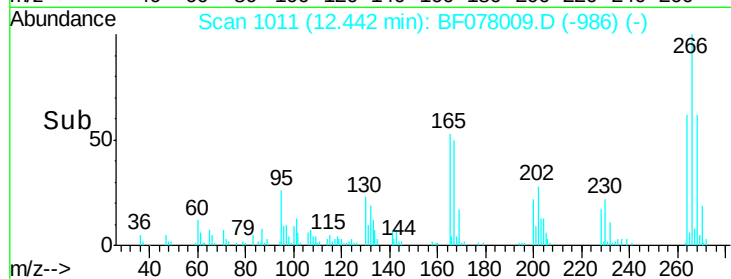
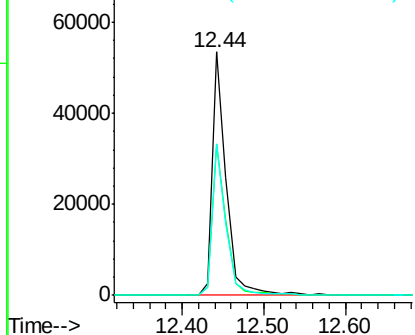
#69
 Pentachlorophenol
 Concen: 61.17 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

Tgt Ion: 266 Resp: 63483
 Ion Ratio Lower Upper
 266 100
 268 62.4 52.0 78.0
 264 62.3 49.0 73.4

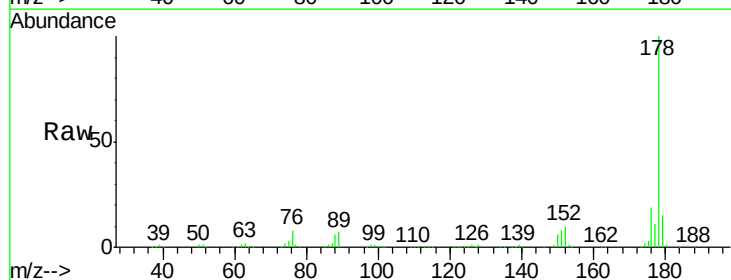


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

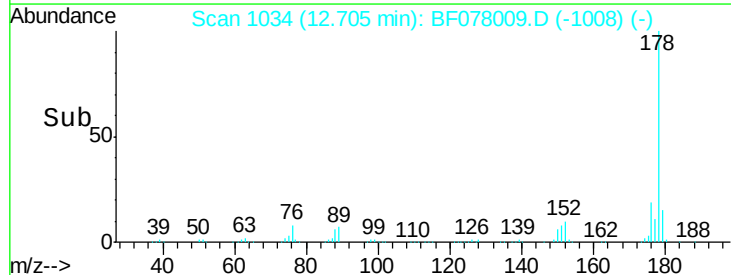
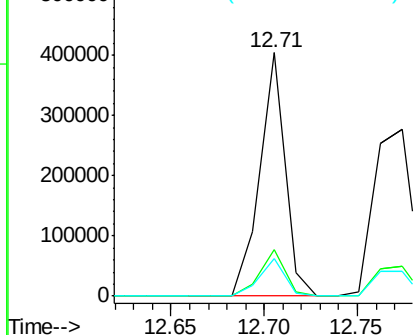


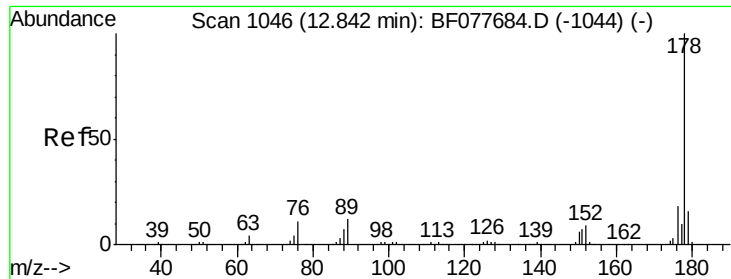
#70
 Phenanthrene
 Concen: 38.61 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion: 178 Resp: 379260
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.3 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

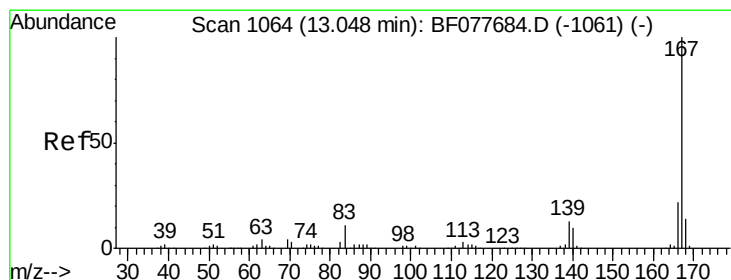
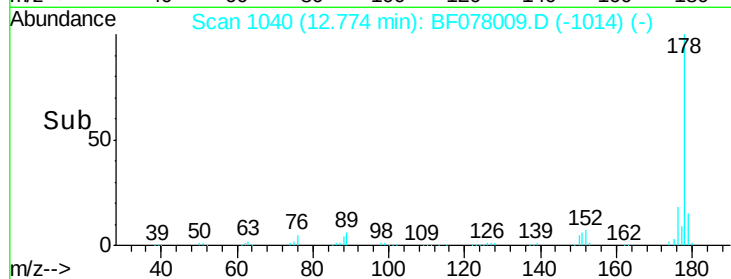
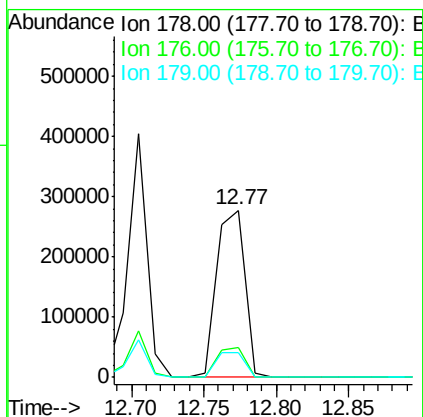
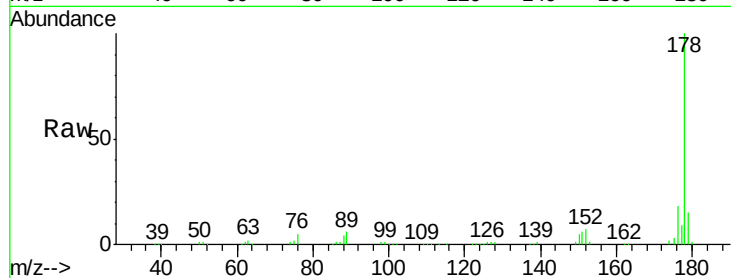




#71
 Anthracene
 Concen: 38.79 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

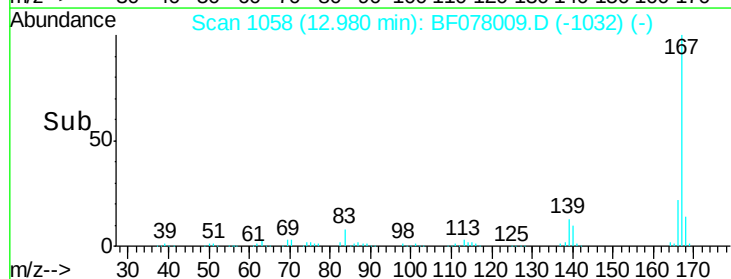
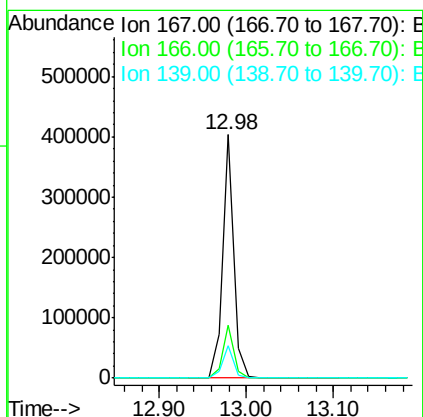
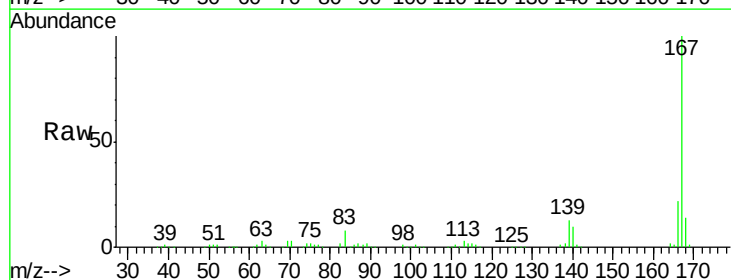
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

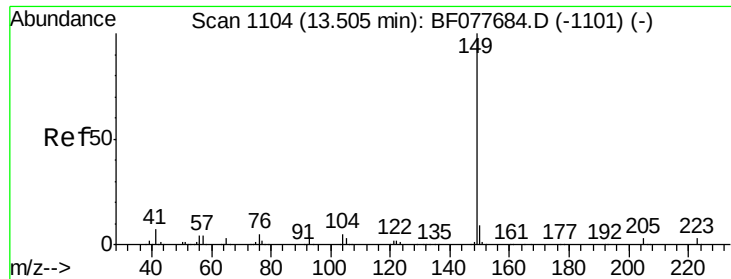
Tgt Ion:178 Resp: 376454
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 39.64 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion:167 Resp: 365903
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.3 10.8 16.2

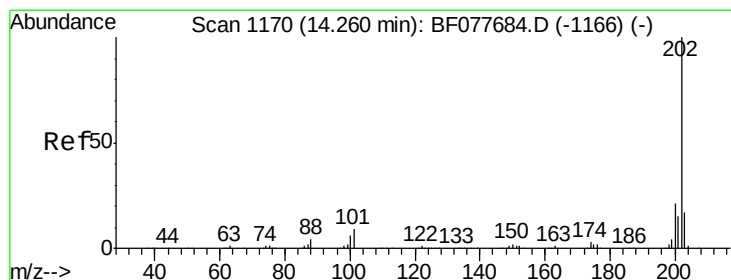
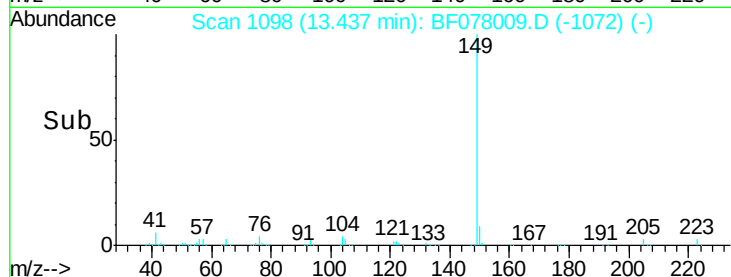
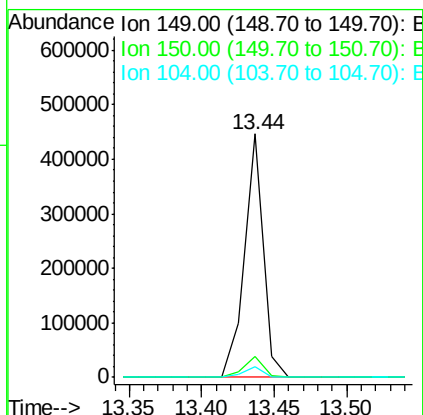
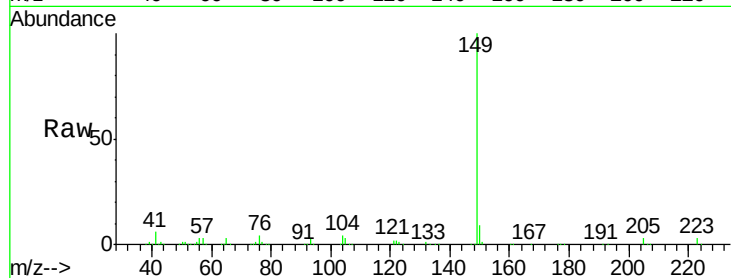




#73
Di-n-butylphthalate
Concen: 38.72 ng
RT: 13.44 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

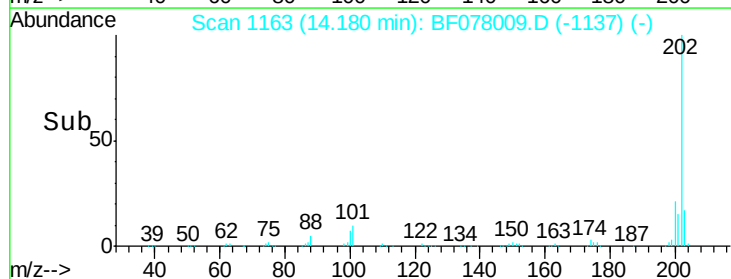
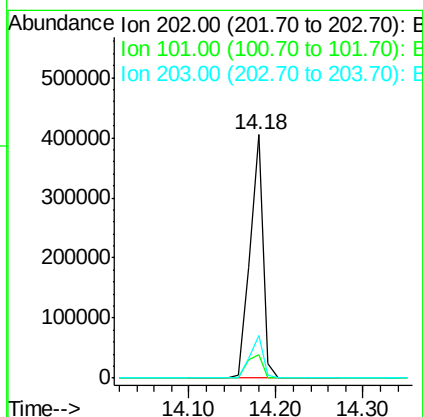
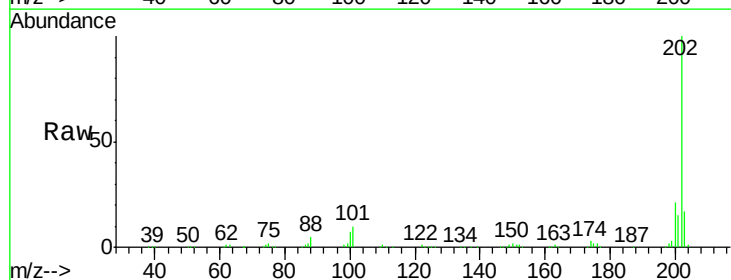
Instrument :
BNA_F
ClientSampleId :
PB82242BS

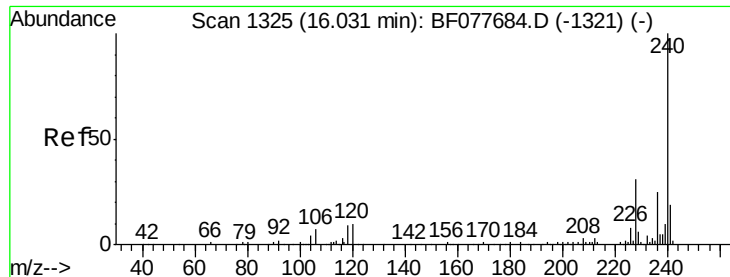
Tgt Ion:149 Resp: 400762
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 4.5 3.7 5.5



#74
Fluoranthene
Concen: 39.36 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion:202 Resp: 426361
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.7
203 17.3 0.0 37.2

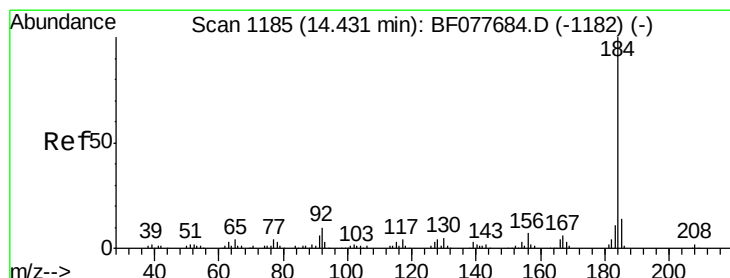
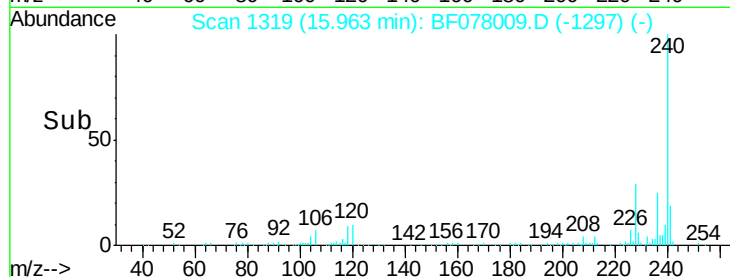
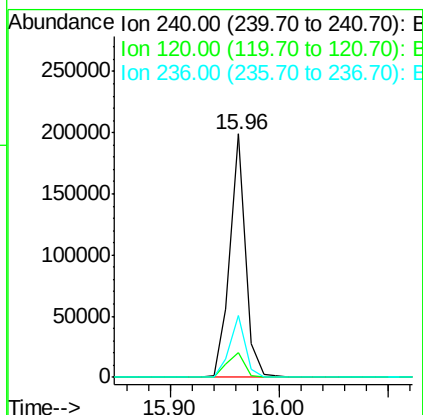
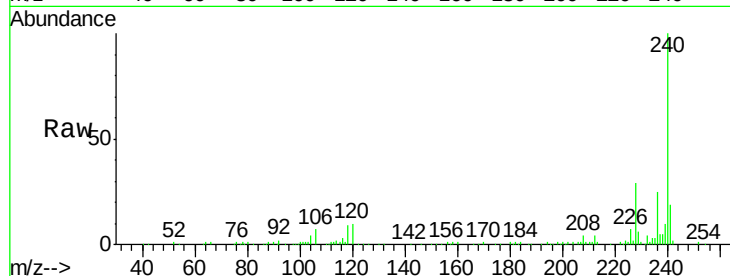




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

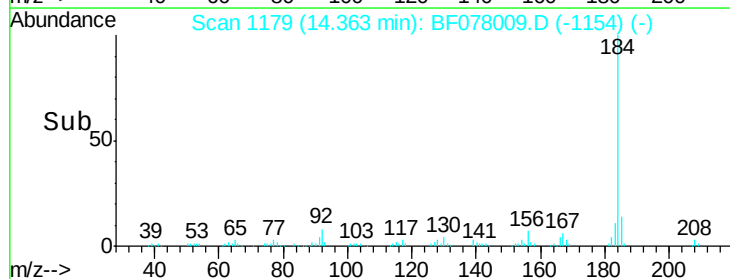
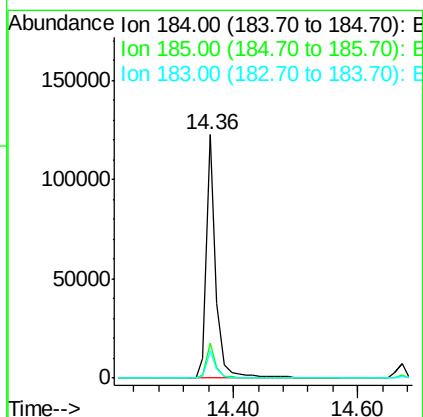
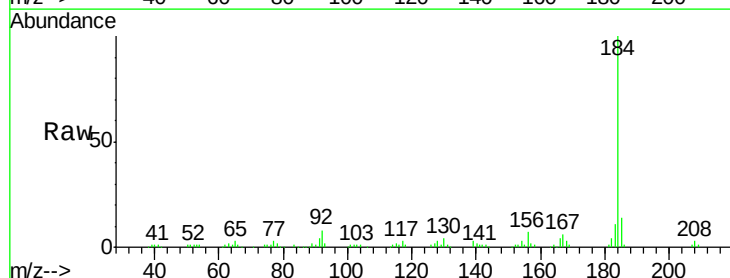
Instrument :
BNA_F
ClientSampleId :
PB82242BS

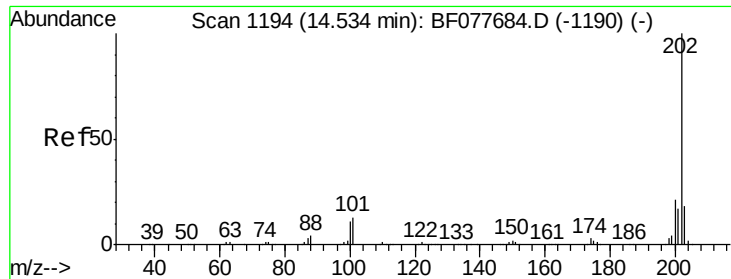
Tgt Ion:240 Resp: 198756
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 25.1 20.0 30.0



#76
Benzidine
Concen: 26.42 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion:184 Resp: 130727
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.0 8.9 13.3

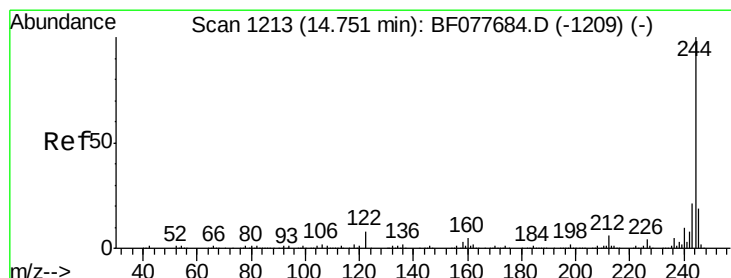
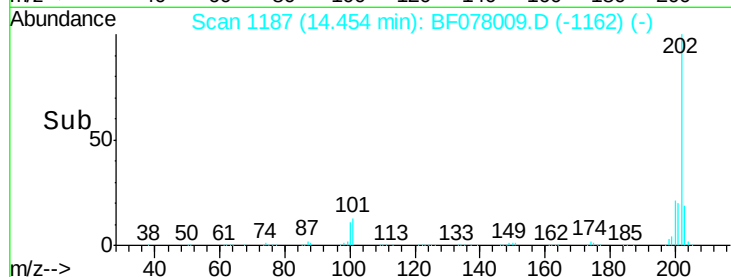
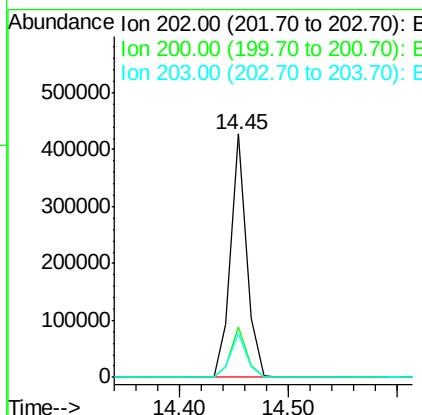
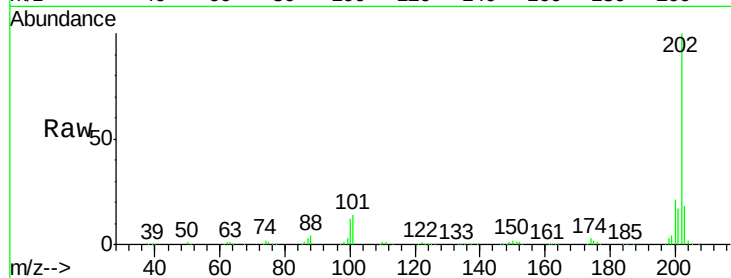




#77
 Pyrene
 Concen: 34.63 ng
 RT: 14.45 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

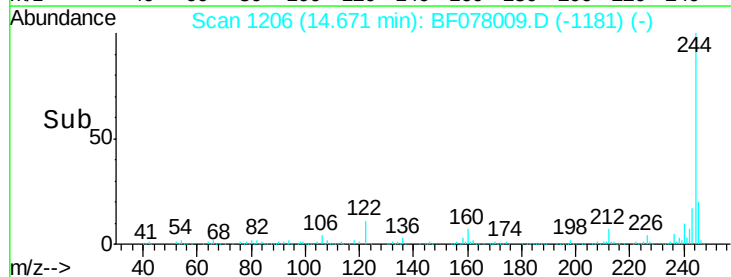
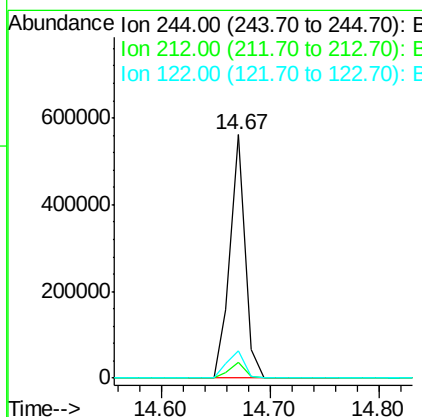
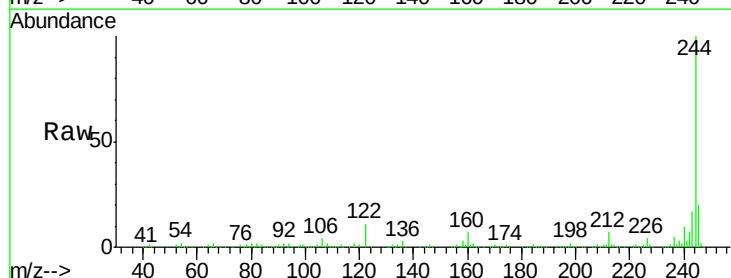
Instrument :
 BNA_F
 ClientSampled :
 PB82242BS

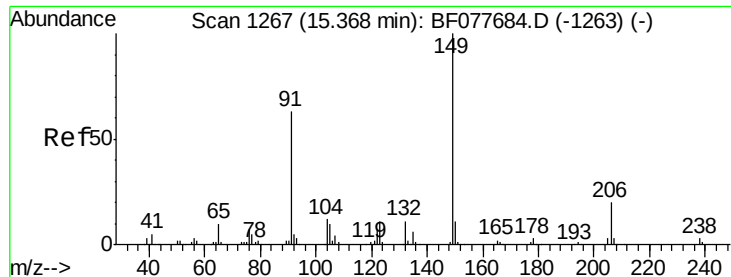
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	18.0	14.1	21.1



#78
 Terphenyl-d14
 Concen: 66.77 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.9	7.3
122	11.3	6.2	9.4

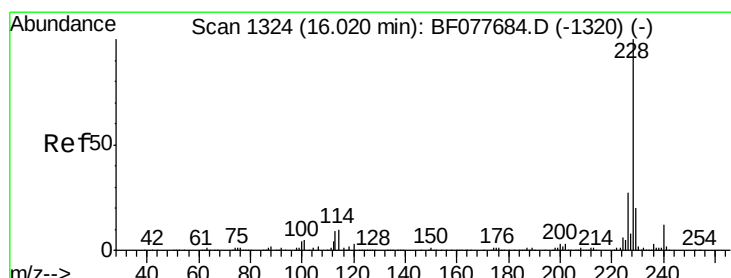
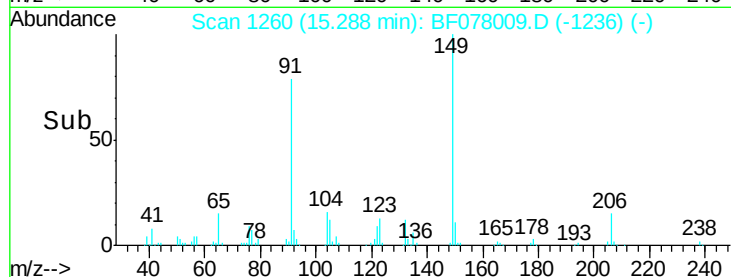
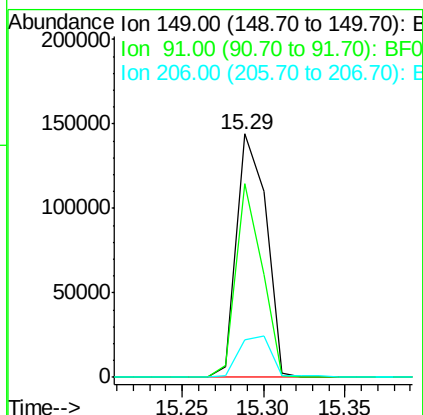
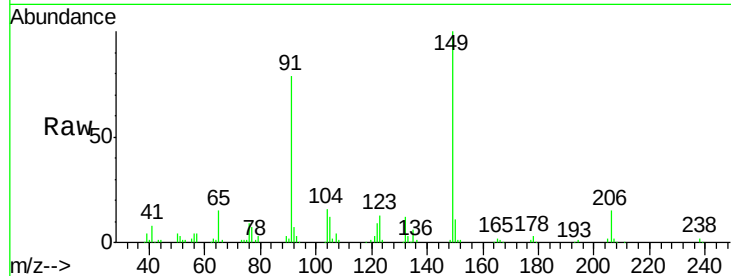




#79
Butylbenzylphthalate
Concen: 36.67 ng
RT: 15.29 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

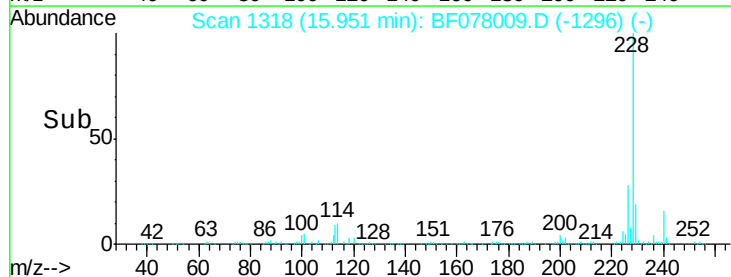
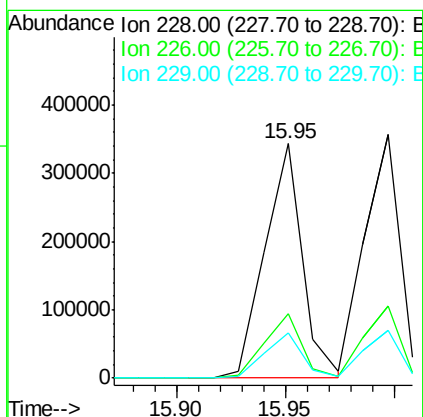
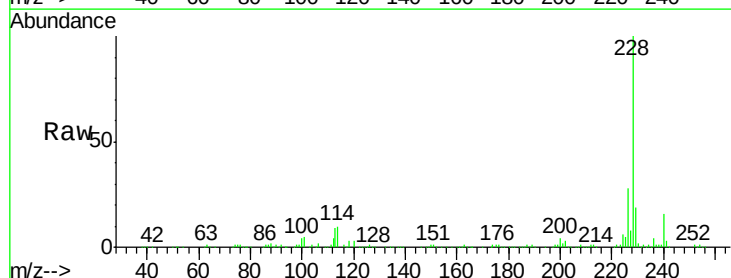
Instrument :
BNA_F
ClientSampleId :
PB82242BS

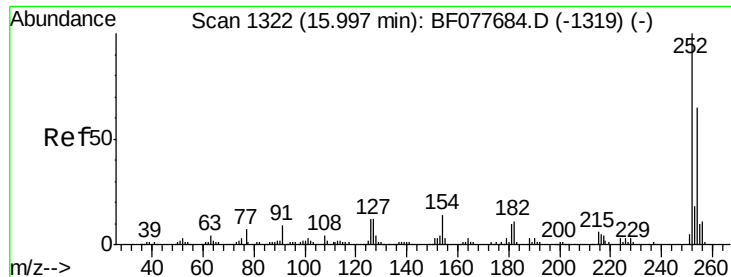
Tgt Ion:149 Resp: 180716
Ion Ratio Lower Upper
149 100
91 79.5 50.1 75.1#
206 15.5 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 35.20 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion:228 Resp: 414743
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.3 16.0 24.0

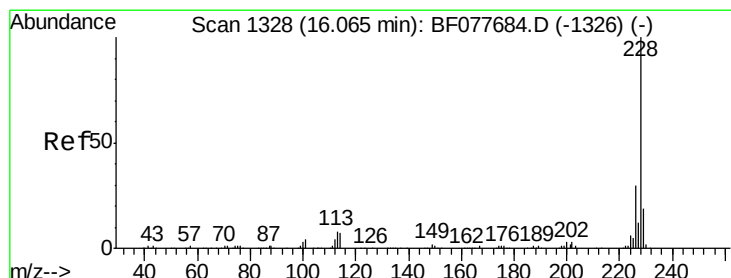
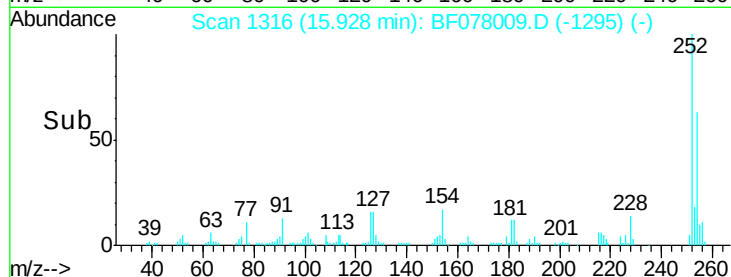
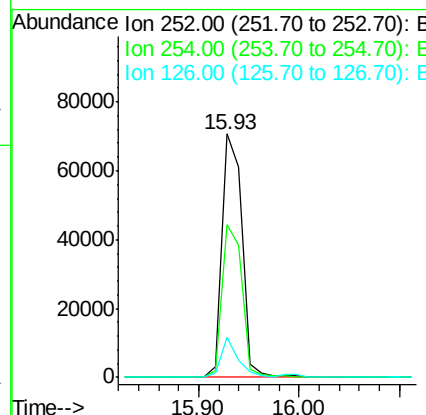
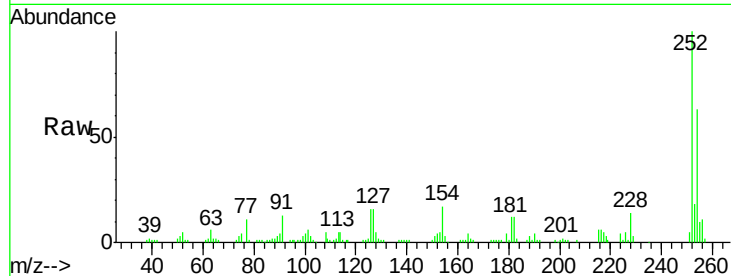




#81
 3,3'-Dichlorobenzidine
 Concen: 25.08 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.06 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

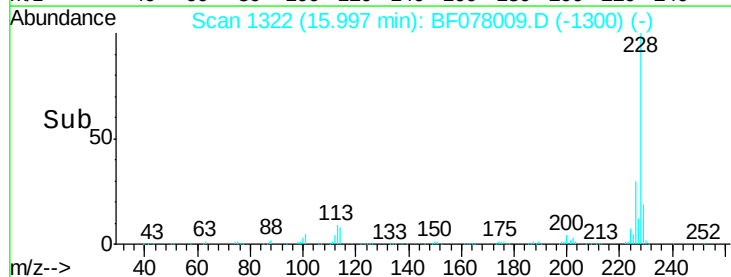
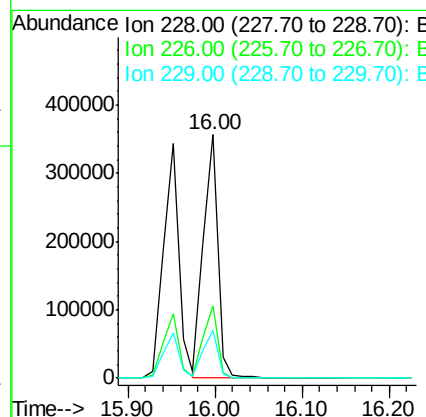
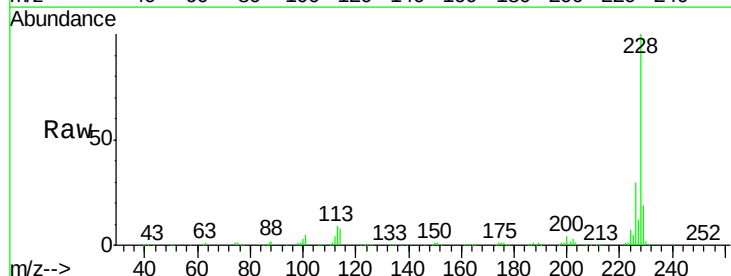
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

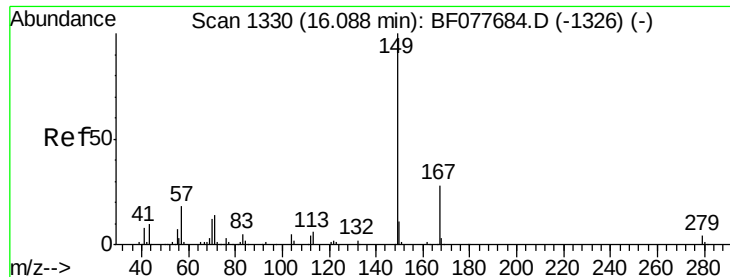
Tgt Ion: 252 Resp: 97466
 Ion Ratio Lower Upper
 252 100
 254 62.6 51.9 77.9
 126 16.2 9.8 14.8#



#82
 Chrysene
 Concen: 38.46 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion: 228 Resp: 407481
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 19.4 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.44 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.06 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

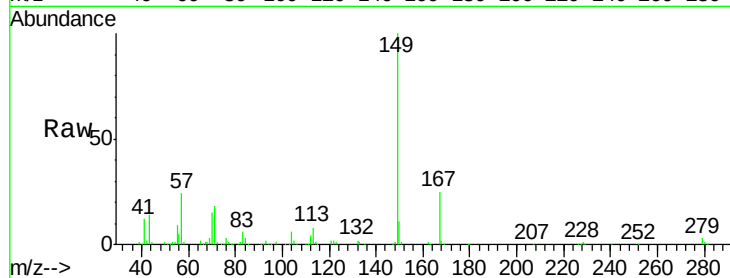
Tgt Ion:149 Resp: 264548

Ion Ratio Lower Upper

149 100

167 25.3 22.4 33.6

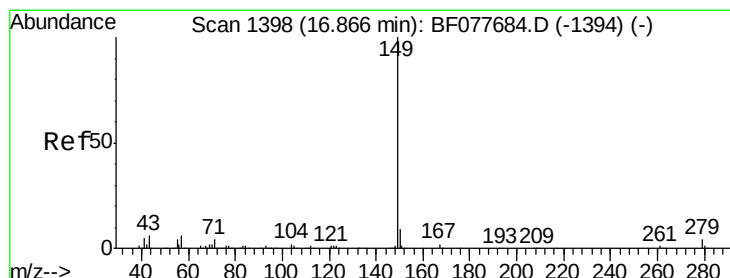
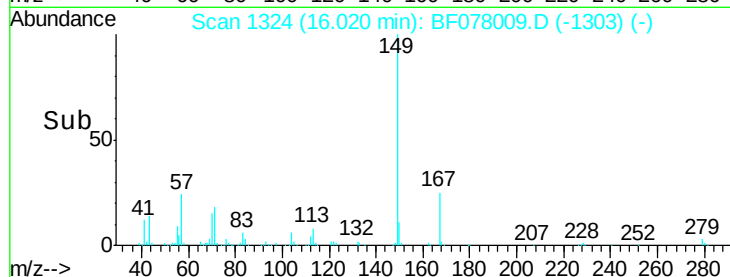
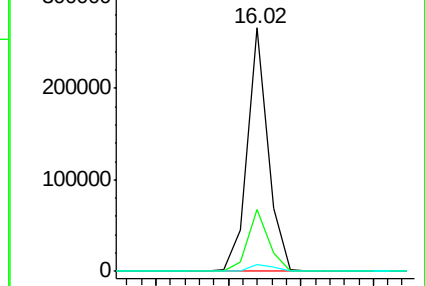
279 2.8 3.4 5.0#



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: 35.84 ng

RT: 16.83 min Scan# 1395

Delta R.T. -0.11 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

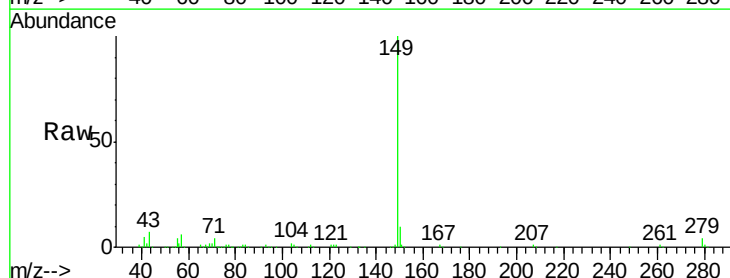
Tgt Ion:149 Resp: 457463

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

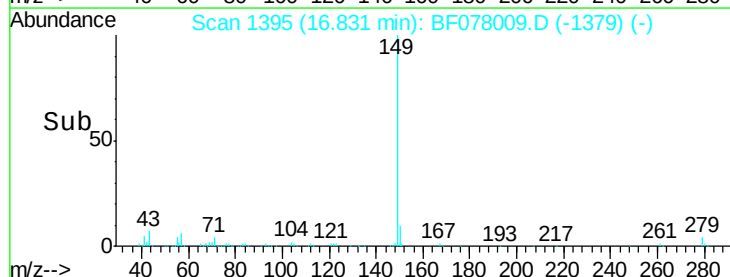
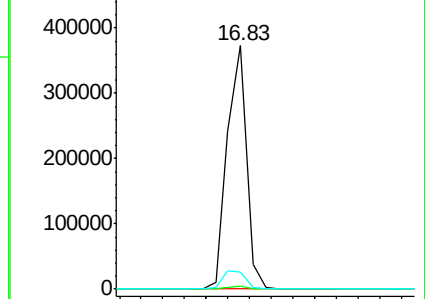
43 8.9 7.3 10.9

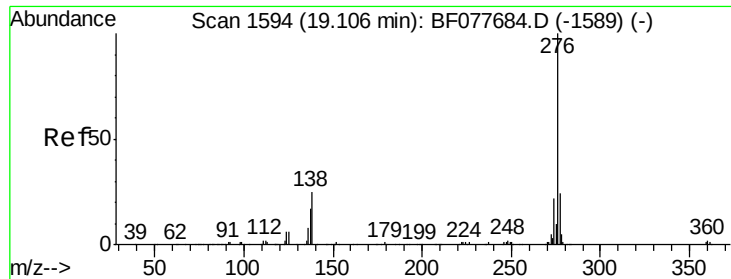


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

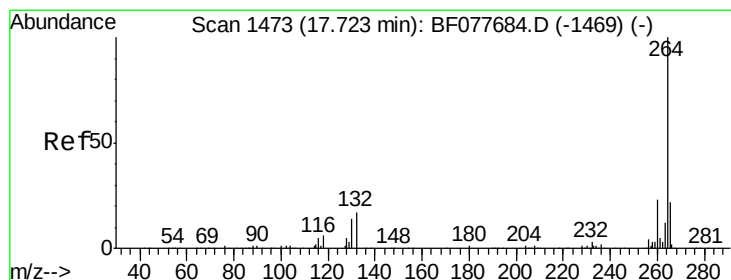
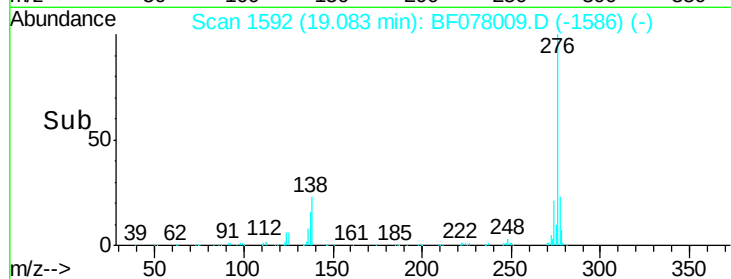
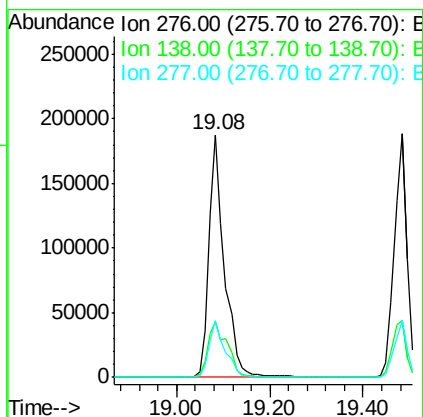
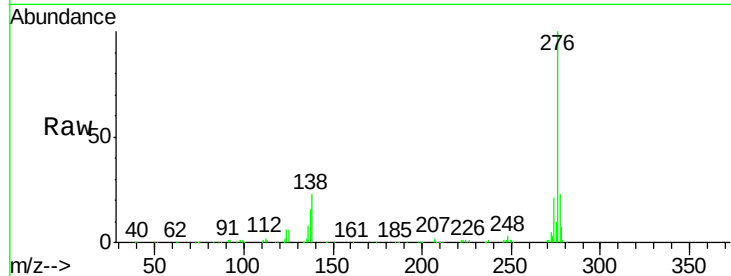




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.98 ng
 RT: 19.08 min Scan# 1592
 Delta R.T. -0.23 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

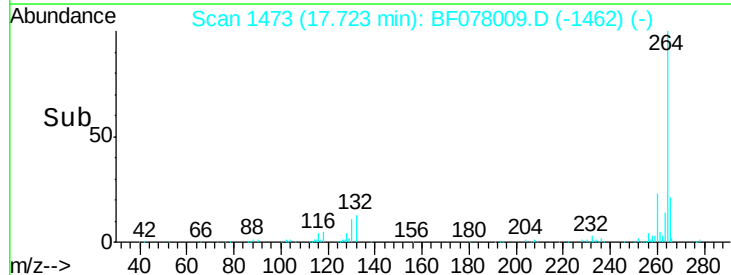
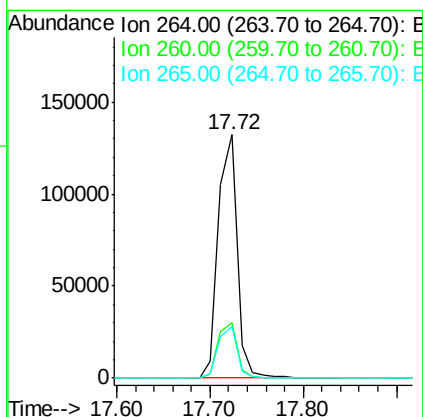
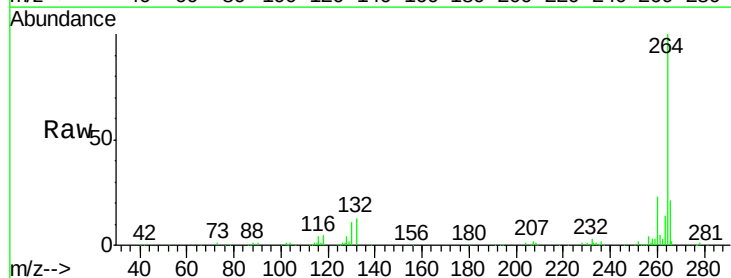
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BS

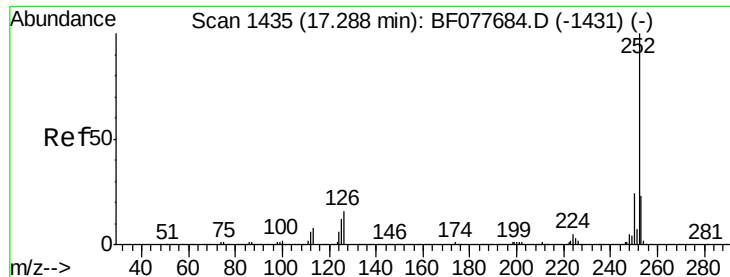
Tgt Ion: 276 Resp: 436069
 Ion Ratio Lower Upper
 276 100
 138 28.6 0.0 0.0#
 277 24.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.72 min Scan# 1473
 Delta R.T. -0.17 min
 Lab File: BF078009.D
 Acq: 26 Mar 2015 21:50

Tgt Ion: 264 Resp: 186731
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.2 17.3 25.9

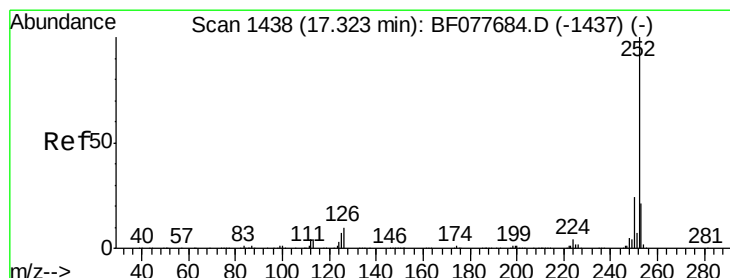
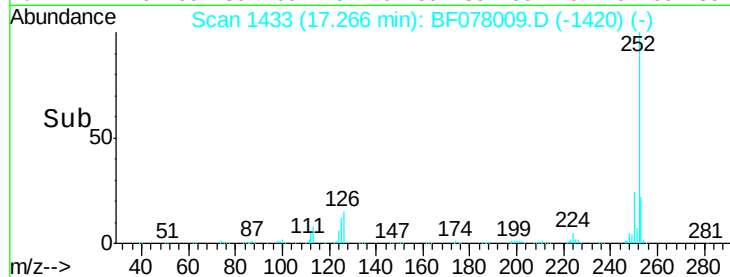
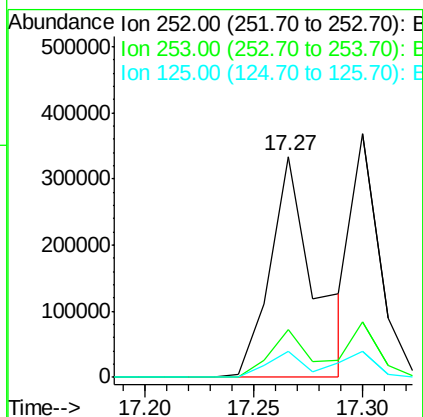
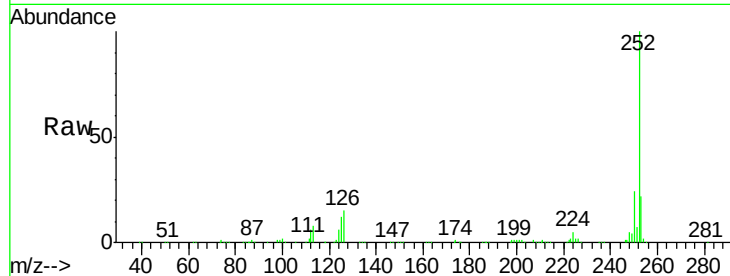




#87
Benzo(b)fluoranthene
Concen: 39.08 ng
RT: 17.27 min Scan# 1433
Delta R.T. -0.15 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

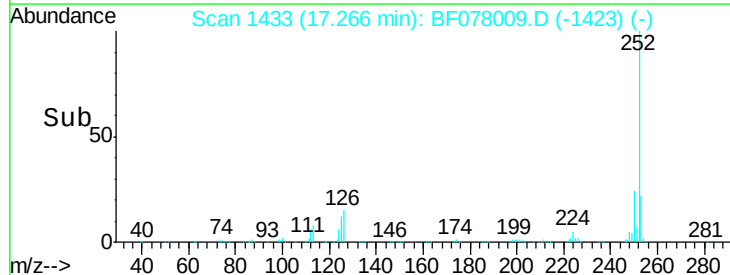
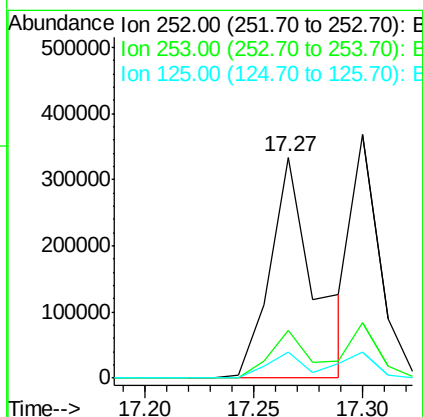
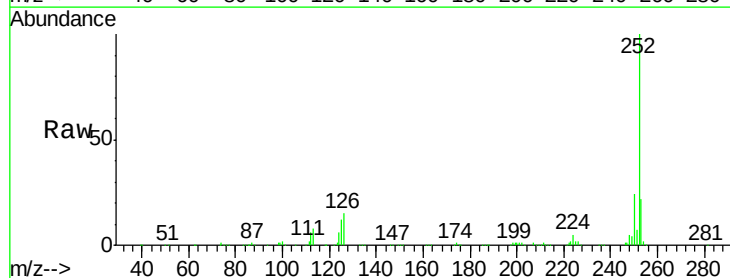
Instrument :
BNA_F
ClientSampleId :
PB82242BS

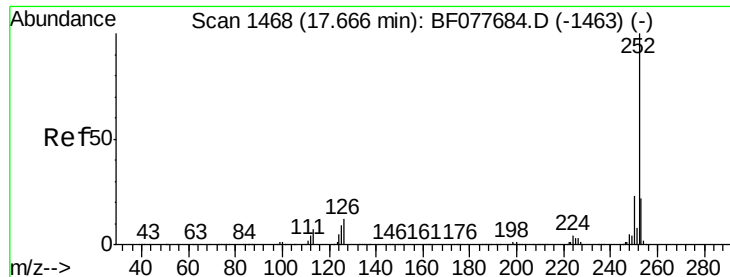
Tgt Ion: 252 Resp: 476409
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 11.6 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 50.03 ng
RT: 17.27 min Scan# 1433
Delta R.T. -0.18 min
Lab File: BF078009.D
Acq: 26 Mar 2015 21:50

Tgt Ion: 252 Resp: 476409
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 11.6 8.1 12.1





#89

Benzo(a)pyrene

Concen: 39.49 ng

RT: 17.65 min Scan# 1467

Delta R.T. -0.17 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS

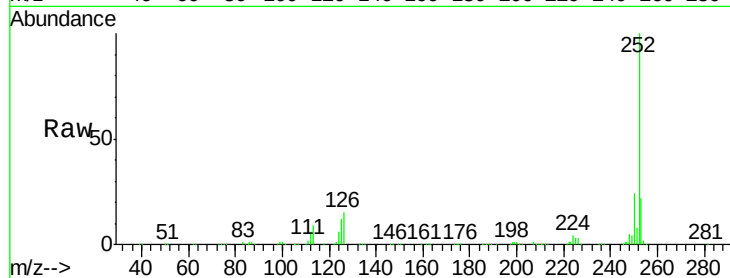
Tgt Ion:252 Resp: 401679

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

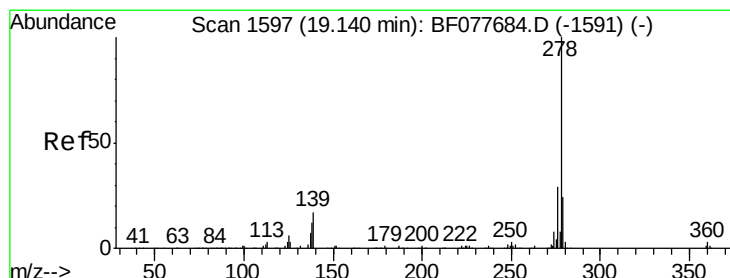
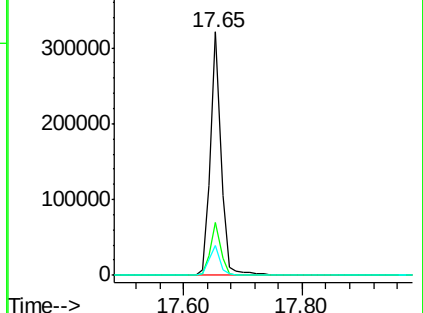
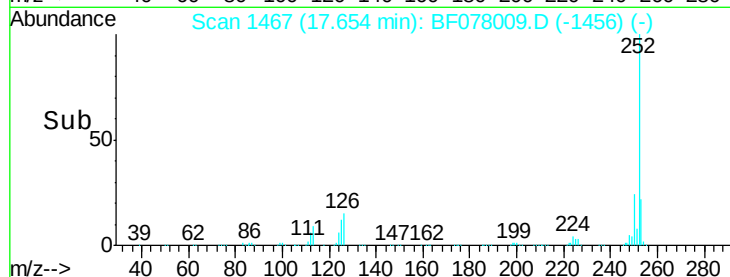
125 12.3 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.07 ng

RT: 19.11 min Scan# 1594

Delta R.T. -0.24 min

Lab File: BF078009.D

Acq: 26 Mar 2015 21:50

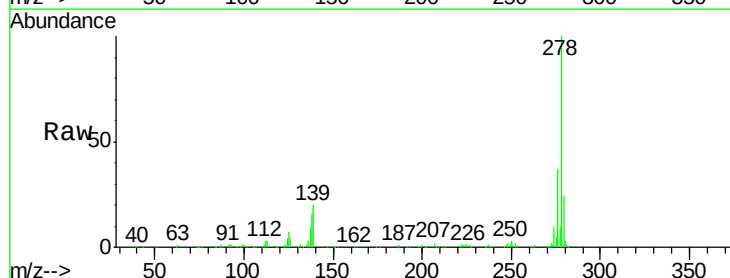
Tgt Ion:278 Resp: 363924

Ion Ratio Lower Upper

278 100

139 19.9 13.4 20.0

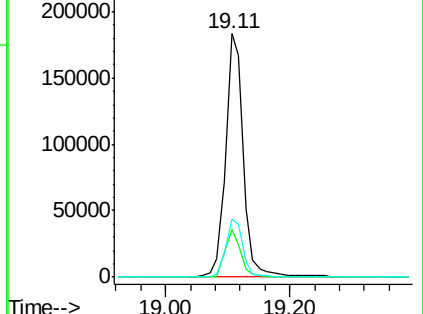
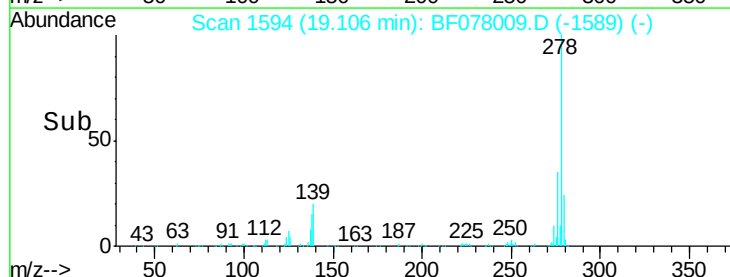
279 23.9 19.0 28.4

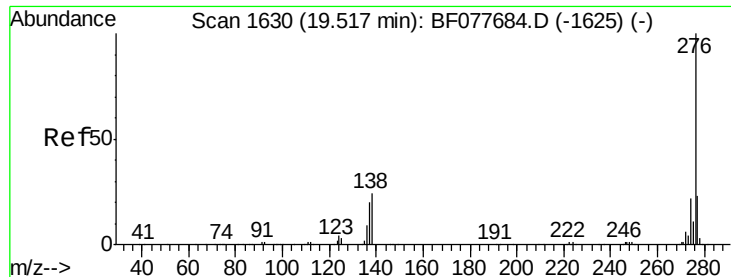


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.07 ng

RT: 19.48 min Scan# 1627

Delta R.T. -0.23 min

Lab File: BF078009.D

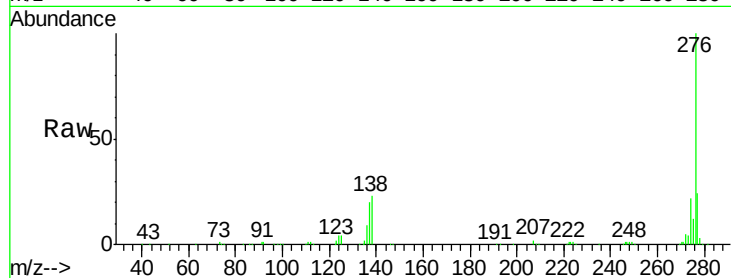
Acq: 26 Mar 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB82242BS



Tgt Ion:	276	Resp:	370485
Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	23.1	19.0	28.6

