

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078006.D
 Acq On : 26 Mar 2015 20:24
 Operator : TP/IZ
 Sample : PB82320BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Quant Time: Mar 27 00:25:31 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	38968	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	162526	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	81160	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	160472	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	171849	20.00	ng	-0.05
86) Perylene-d12	17.71	264	167096	20.00	ng	-0.18

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	165880	74.30	ng	0.00
7) Phenol-d6	6.67	99	209474	75.95	ng	-0.01
23) Nitrobenzene-d5	7.79	82	161035	64.95	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	50047	64.45	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	359652	65.12	ng	0.00
78) Terphenyl-d14	14.67	244	417957	59.41	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	32590	32.15	ng	# 100
3) Pyridine	2.62	79	94123	34.56	ng	93
4) n-Nitrosodimethylamine	2.57	42	35441	29.89	ng	100
6) Aniline	6.68	93	36706	9.30	ng	# 1
8) 2-Chlorophenol	6.83	128	101311	38.12	ng	89
9) Benzaldehyde	6.54	77	4101	3.63	ng	91
10) Phenol	6.69	94	119006	36.50	ng	# 69
11) bis(2-Chloroethyl)ether	6.78	93	91105	37.30	ng	90
12) 1,3-Dichlorobenzene	7.01	146	105559	35.72	ng	98
13) 1,4-Dichlorobenzene	7.12	146	106598	34.71	ng	99
14) 1,2-Dichlorobenzene	7.30	146	102036	36.24	ng	97
15) Benzyl Alcohol	7.29	79	75932	35.27	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	116096	35.28	ng	99
17) 2-Methylphenol	7.44	107	80175	37.06	ng	95
18) Hexachloroethane	7.71	117	36698	36.44	ng	93
19) n-Nitroso-di-n-propylamine	7.62	70	69369	36.36	ng	# 94
20) 3+4-Methylphenols	7.63	107	108057	38.07	ng	93
22) Acetophenone	7.61	105	138182	38.41	ng	# 92
24) Nitrobenzene	7.81	77	101073	37.84	ng	# 90
25) Isophorone	8.11	82	178743	35.70	ng	# 93
26) 2-Nitrophenol	8.20	139	46421	35.50	ng	# 80
27) 2,4-Dimethylphenol	8.28	122	93942	39.43	ng	98
28) bis(2-Chloroethoxy)methane	8.40	93	113676	37.40	ng	99
29) 2,4-Dichlorophenol	8.51	162	86307	38.01	ng	98
30) 1,2,4-Trichlorobenzene	8.60	180	88495	34.83	ng	96
31) Naphthalene	8.69	128	288680	34.58	ng	100
32) Benzoic acid	8.40	122	32256	25.80	ng	97
33) 4-Chloroaniline	8.78	127	30622	9.04	ng	97
34) Hexachlorobutadiene	8.85	225	49256	34.20	ng	96
35) Caprolactam	9.21	113	26051	39.25	ng	# 82
36) 4-Chloro-3-methylphenol	9.39	107	86170	37.71	ng	# 81
37) 2-Methylnaphthalene	9.55	142	197712	35.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	85784	35.44	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	76458	63.76	ng	97

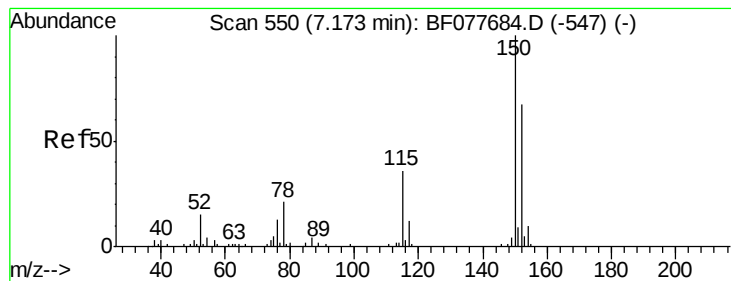
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078006.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	57377	34.22	ng	97
43) 2,4,5-Trichlorophenol	9.96	196	65024	35.89	ng #	94
45) 1,1'-Biphenyl	10.13	154	231931	35.75	ng	97
46) 2-Chloronaphthalene	10.16	162	192586	36.53	ng	96
47) 2-Nitroaniline	10.29	65	52130	39.81	ng	94
48) Acenaphthylene	10.66	152	296394	33.81	ng	99
49) Dimethylphthalate	10.53	163	224798	37.34	ng	98
50) 2,6-Dinitrotoluene	10.60	165	50502	40.47	ng #	84
51) Acenaphthene	10.88	154	172916	34.40	ng	99
52) 3-Nitroaniline	10.80	138	21300	14.70	ng #	72
53) 2,4-Dinitrophenol	10.95	184	24982	57.07	ng #	68
54) Dibenzofuran	11.09	168	273121	36.63	ng	96
55) 4-Nitrophenol	11.04	139	73174	68.17	ng	96
56) 2,4-Dinitrotoluene	11.09	165	63570	39.07	ng	97
57) Fluorene	11.52	166	223305	36.07	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.25	232	50379	36.12	ng #	100
59) Diethylphthalate	11.40	149	210752	35.93	ng	97
60) 4-Chlorophenyl-phenylether	11.53	204	101652	35.98	ng	93
61) 4-Nitroaniline	11.55	138	46575	32.25	ng	75
62) Azobenzene	11.72	77	203234	36.26	ng	96
64) 4,6-Dinitro-2-methylphenol	11.60	198	23394	32.41	ng	81
65) n-Nitrosodiphenylamine	11.68	169	186845	34.97	ng	98
66) 4-Bromophenyl-phenylether	12.13	248	60828	35.52	ng	94
67) Hexachlorobenzene	12.19	284	64450	34.25	ng	98
68) Atrazine	12.35	200	57169	38.18	ng	95
69) Pentachlorophenol	12.44	266	55158	56.89	ng	97
70) Phenanthrene	12.71	178	342291	37.16	ng	100
71) Anthracene	12.76	178	331070	36.38	ng	100
72) Carbazole	12.98	167	331830	38.33	ng	99
73) Di-n-butylphthalate	13.44	149	346620	35.71	ng	99
74) Fluoranthene	14.18	202	362938	35.72	ng	99
76) Benzidine	14.36	184	64111	14.77	ng	99
77) Pyrene	14.45	202	384604	35.59	ng	100
79) Butylbenzylphthalate	15.29	149	150420	35.30	ng	88
80) Benzo(a)anthracene	15.95	228	360374	35.38	ng	99
81) 3,3'-Dichlorobenzidine	15.93	252	52079	15.50	ng	99
82) Chrysene	15.99	228	356224	38.89	ng	99
83) Bis(2-ethylhexyl)phthalate	16.02	149	214739	33.27	ng #	98
84) Di-n-octyl phthalate	16.82	149	365719	33.14	ng	100
85) Indeno(1,2,3-cd)pyrene	19.08	276	393709	34.44	ng #	100
87) Benzo(b)fluoranthene	17.27	252	354026	32.45	ng #	96
88) Benzo(k)fluoranthene	17.27	252	354026	41.55	ng	98
89) Benzo(a)pyrene	17.65	252	345664	37.98	ng	99
90) Dibenzo(a,h)anthracene	19.11	278	324354	35.93	ng	99
91) Benzo(g,h,i)perylene	19.47	276	330484	35.96	ng	97

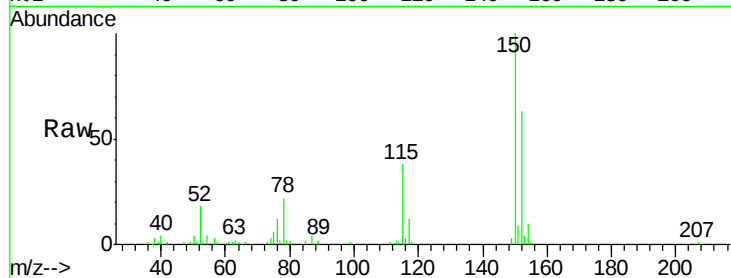
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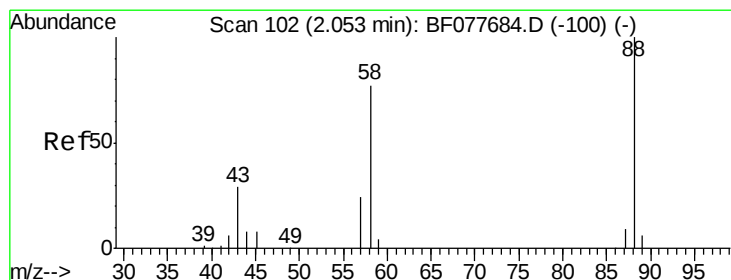
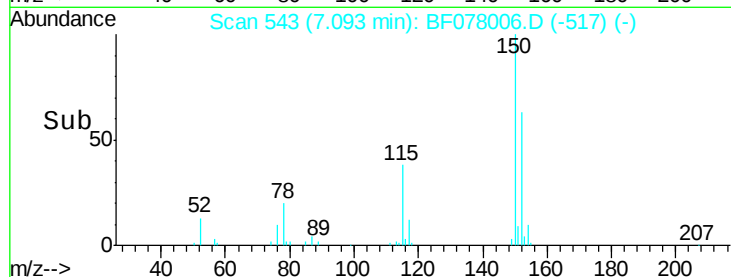
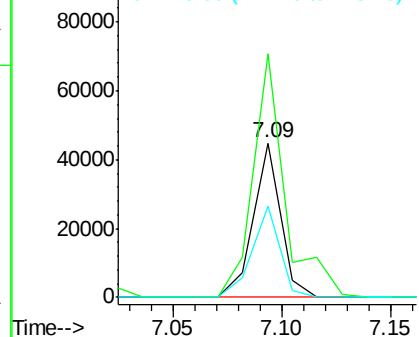
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tgt Ion:152 Resp: 38968
 Ion Ratio Lower Upper
 152 100
 150 157.9 119.5 179.3
 115 59.6 43.0 64.4

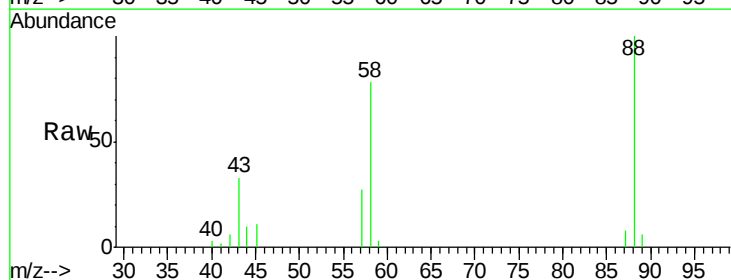


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

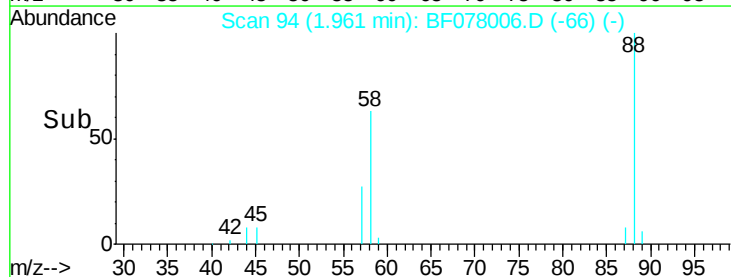
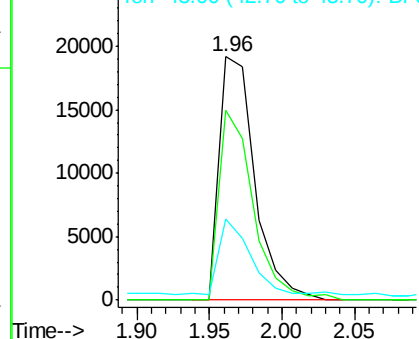


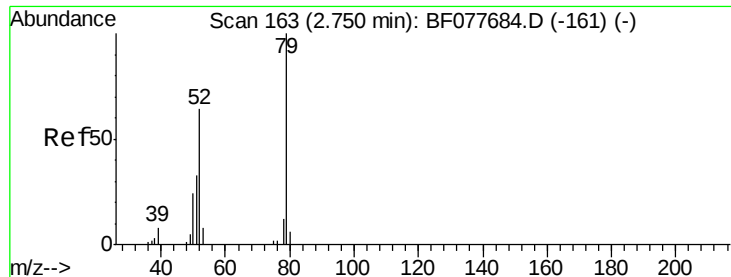
#2
 1,4-Dioxane
 Concen: 32.15 ng
 RT: 1.96 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion: 88 Resp: 32590
 Ion Ratio Lower Upper
 88 100
 58 74.8 0.0 0.0#
 43 28.8 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: 34.56 ng

RT: 2.62 min Scan# 152

Delta R.T. 0.02 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

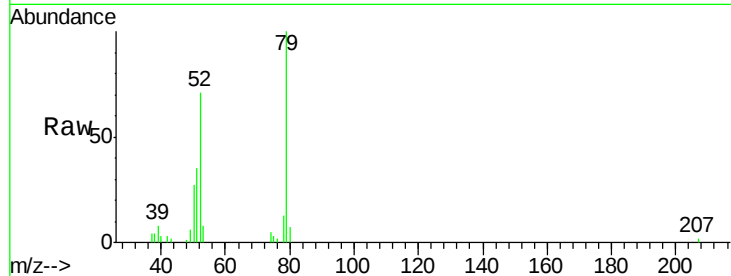
Tgt Ion: 79 Resp: 94123

Ion Ratio Lower Upper

79 100

52 71.0 51.1 76.7

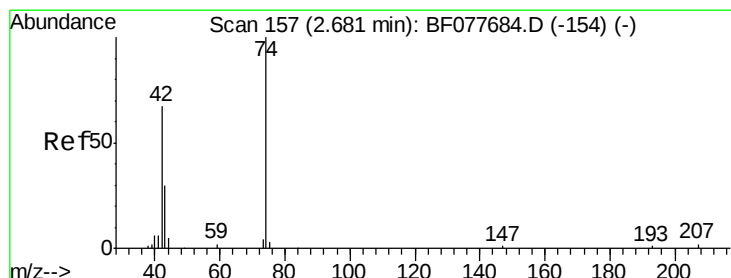
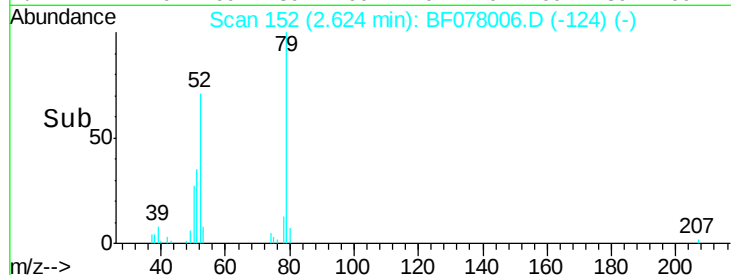
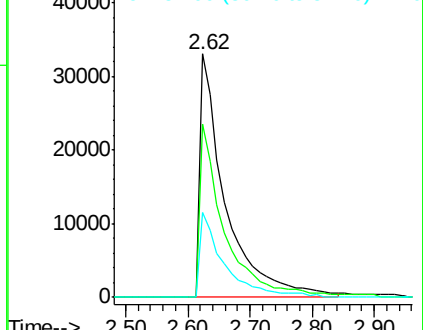
51 34.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 29.89 ng

RT: 2.57 min Scan# 147

Delta R.T. 0.02 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

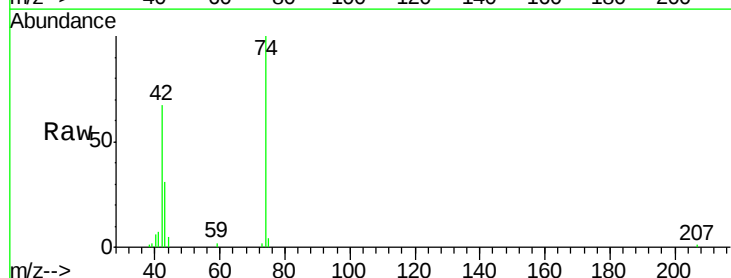
Tgt Ion: 42 Resp: 35441

Ion Ratio Lower Upper

42 100

74 149.1 119.3 178.9

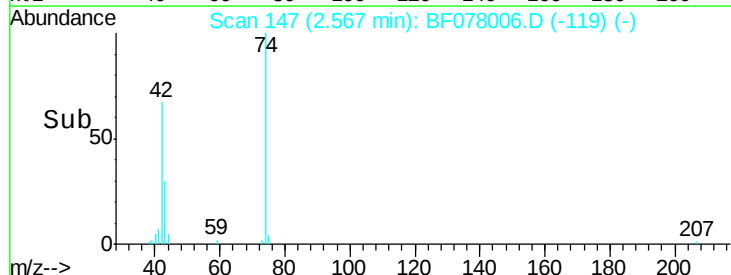
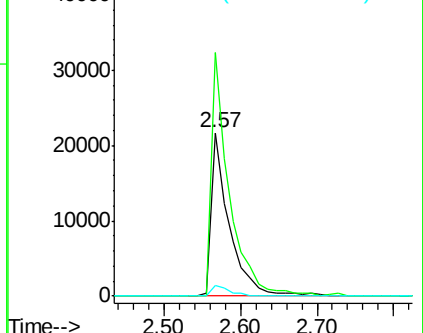
44 6.9 5.4 8.2

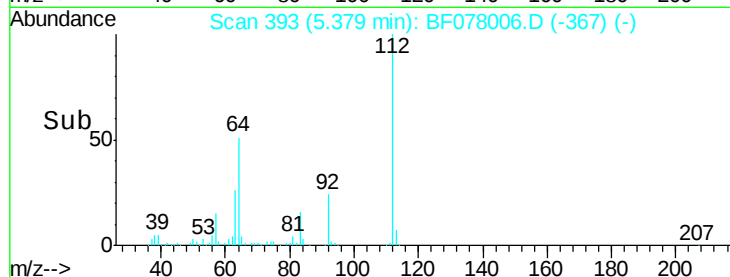
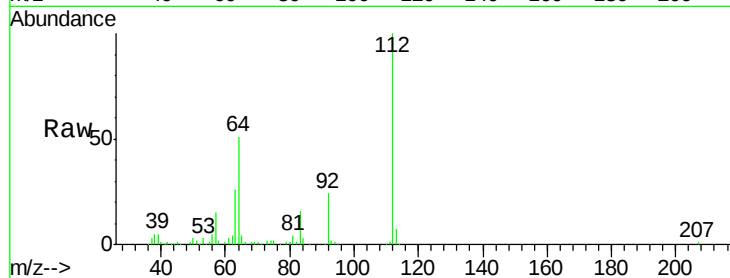
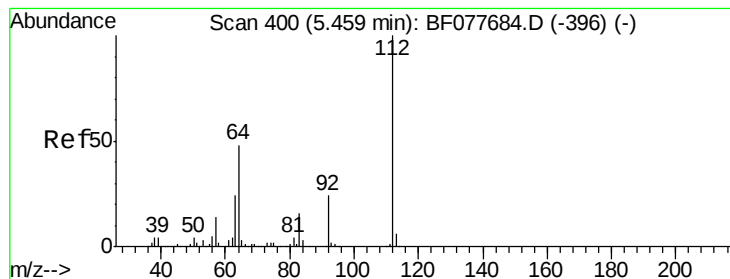


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 74.30 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

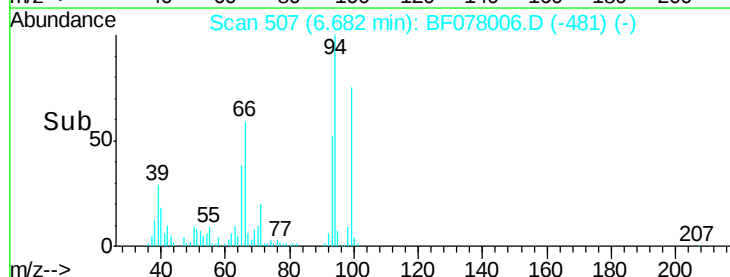
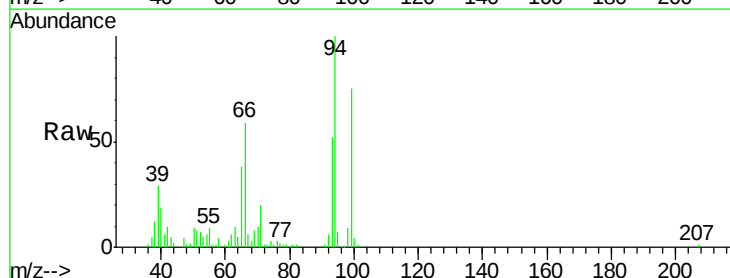
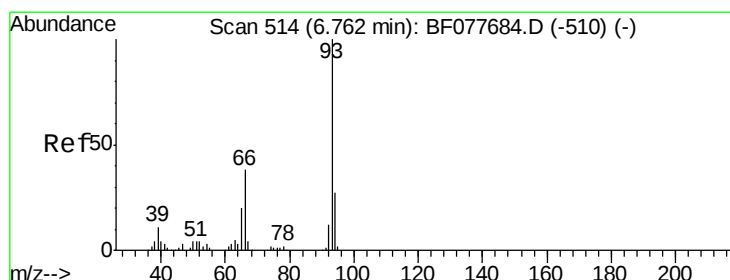
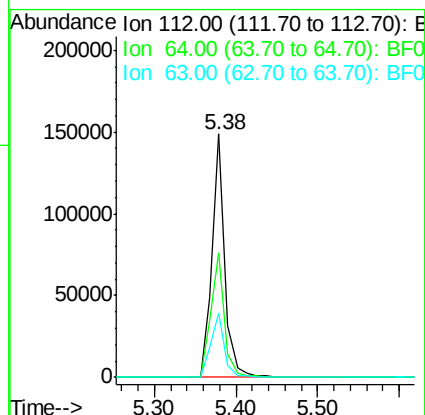
Tgt Ion: 112 Resp: 165880

Ion Ratio Lower Upper

112 100

64 51.4 38.6 57.8

63 26.3 19.3 28.9



#6

Aniline

Concen: 9.30 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

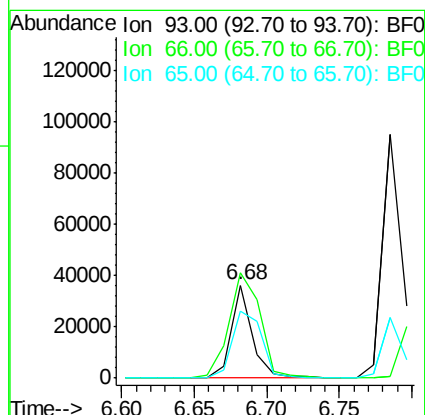
Tgt Ion: 93 Resp: 36706

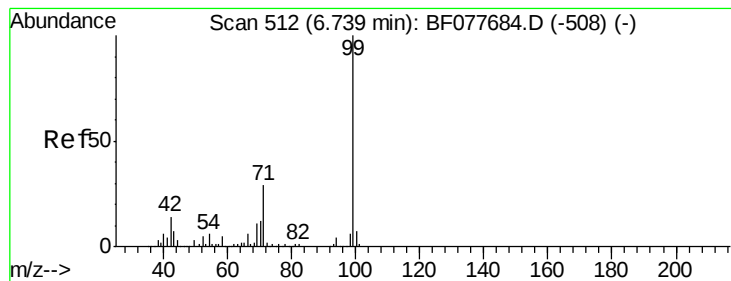
Ion Ratio Lower Upper

93 100

66 114.1 30.8 46.2#

65 72.2 16.0 24.0#





#7

Phenol-d6

Concen: 75.95 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

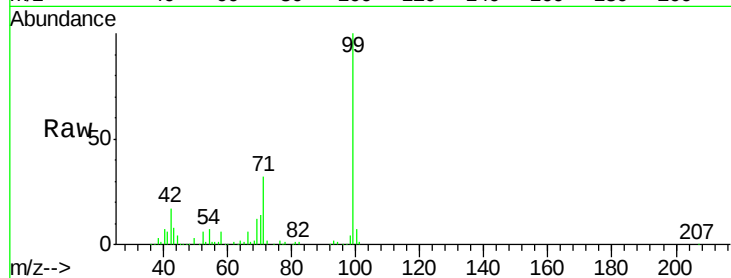
Tgt Ion: 99 Resp: 209474

Ion Ratio Lower Upper

99 100

42 16.6 11.0 16.4#

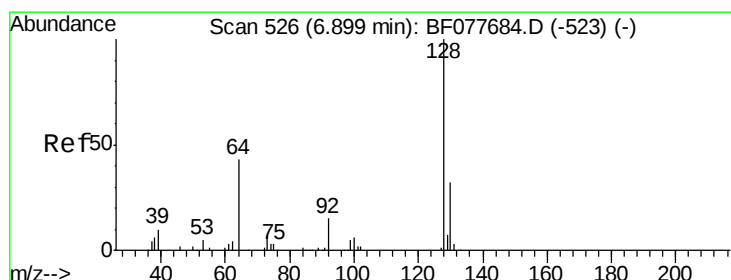
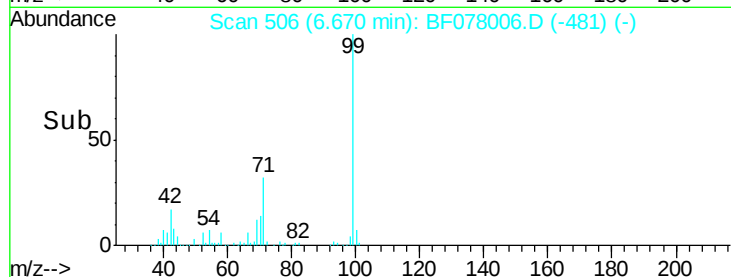
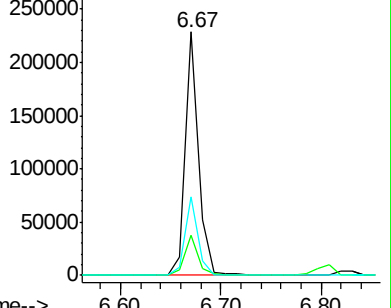
71 32.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)



#8

2-Chlorophenol

Concen: 38.12 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

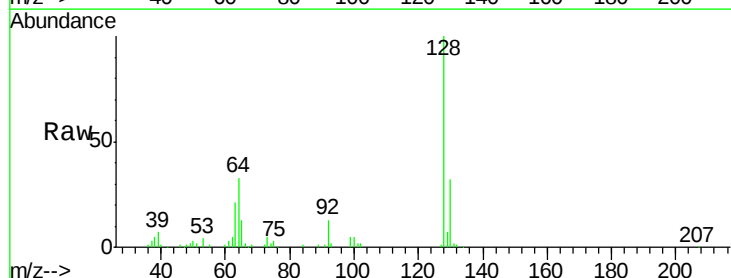
Tgt Ion: 128 Resp: 101311

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

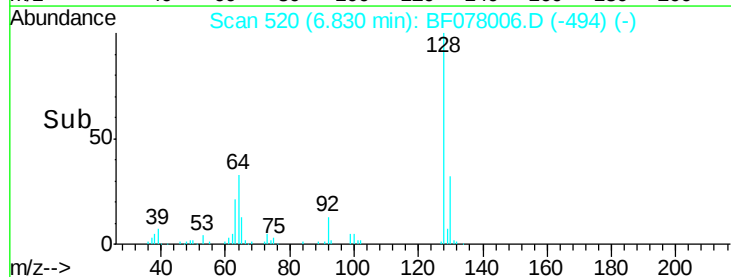
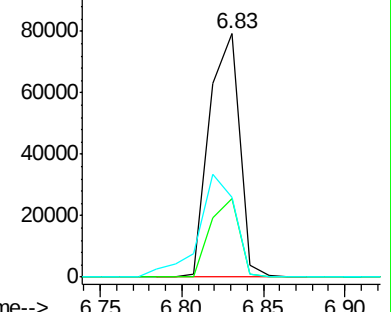
64 33.0 24.9 64.9

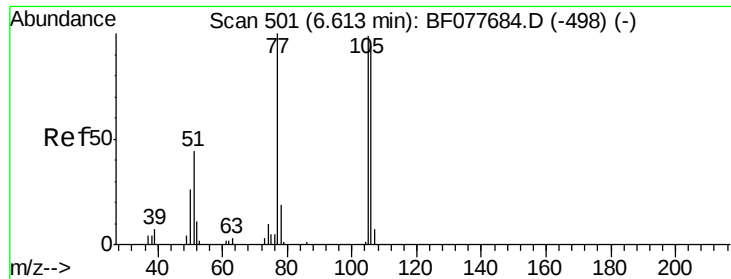


Abundance Ion 128.00 (127.70 to 128.70): BF077684.D (-523) (-)

Ion 130.00 (129.70 to 130.70): BF077684.D (-523) (-)

Ion 64.00 (63.70 to 64.70): BF077684.D (-523) (-)





#9

Benzaldehyde

Concen: 3.63 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

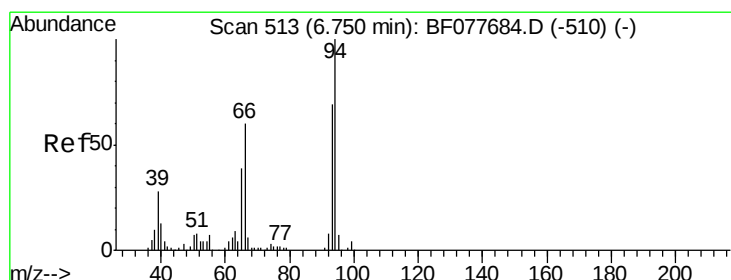
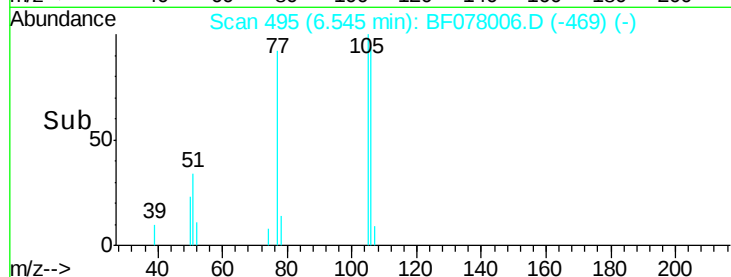
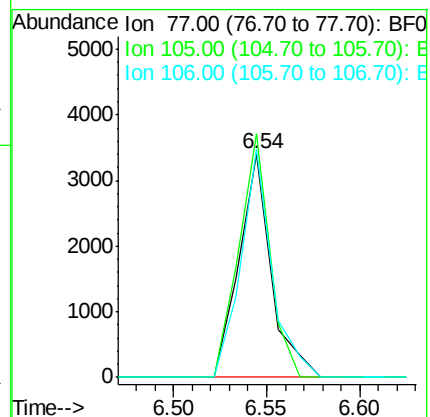
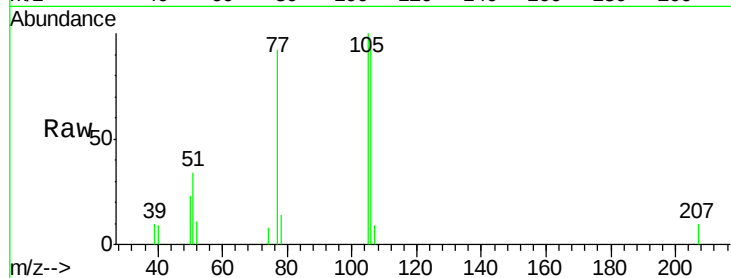
Tgt Ion: 77 Resp: 4101

Ion Ratio Lower Upper

77 100

105 109.0 78.8 118.8

106 102.1 73.7 113.7



#10

Phenol

Concen: 36.50 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

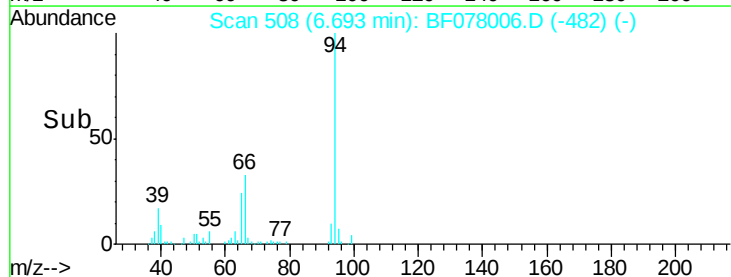
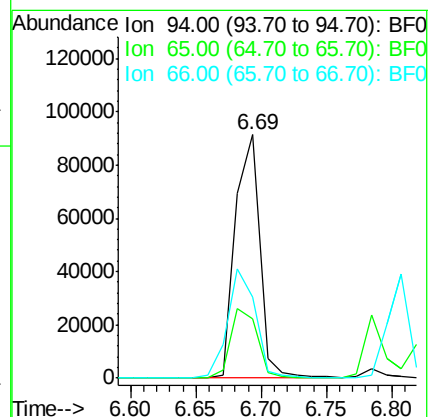
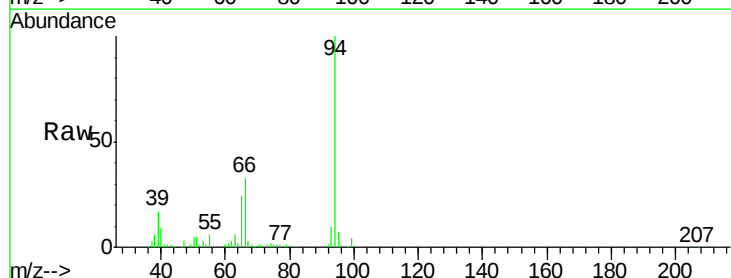
Tgt Ion: 94 Resp: 119006

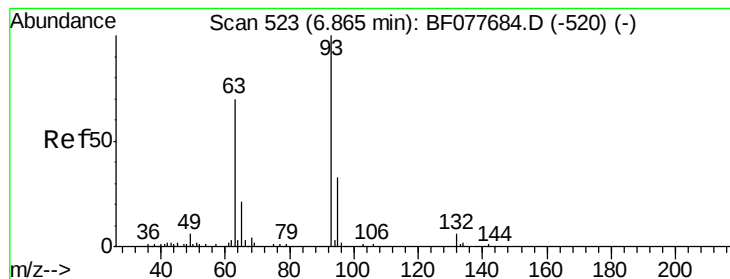
Ion Ratio Lower Upper

94 100

65 24.4 18.8 58.8

66 33.2 39.9 79.9#





#11

bis(2-Chloroethyl)ether

Concen: 37.30 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

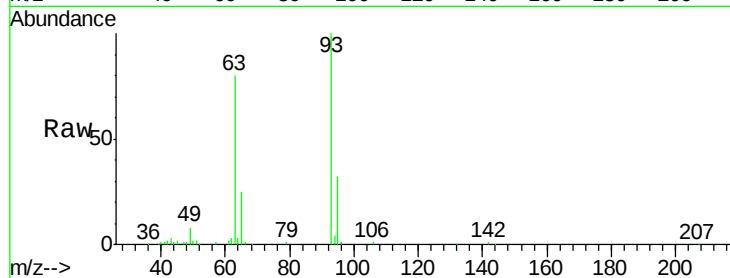
Tgt Ion: 93 Resp: 91105

Ion Ratio Lower Upper

93 100

63 80.4 49.5 89.5

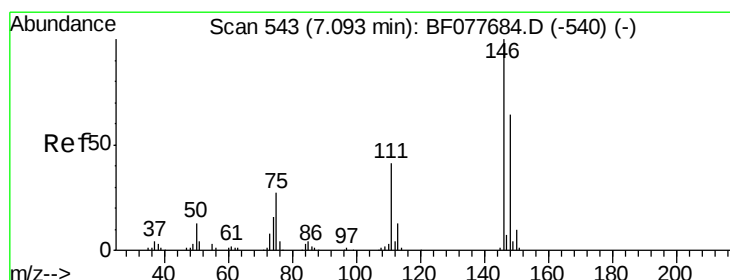
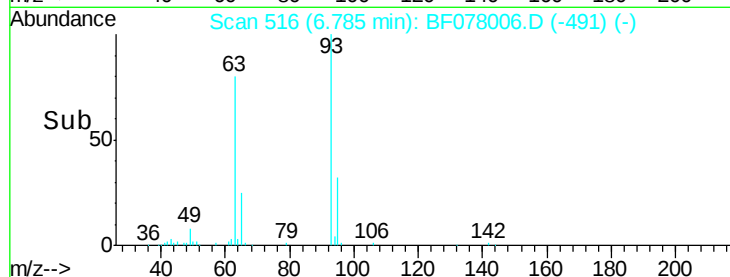
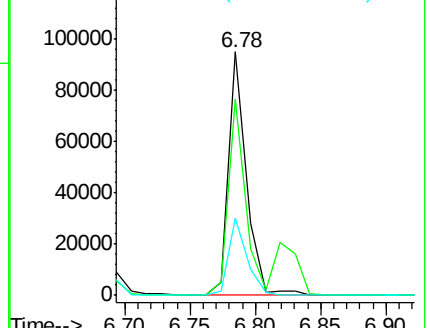
95 31.5 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.72 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

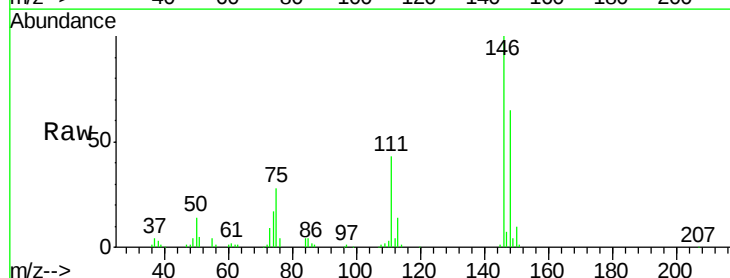
Tgt Ion: 146 Resp: 105559

Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

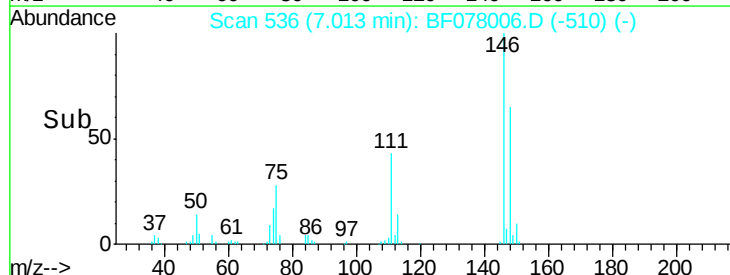
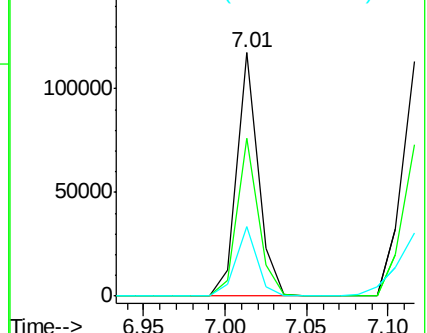
75 28.4 21.4 32.2

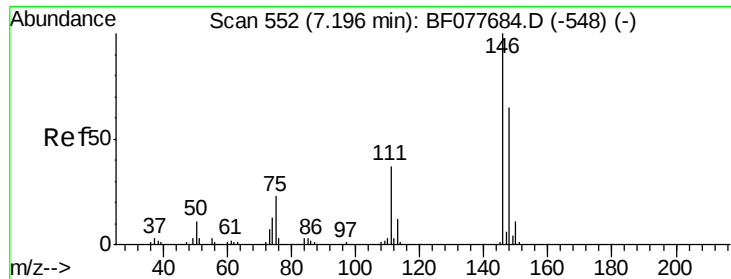


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 34.71 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

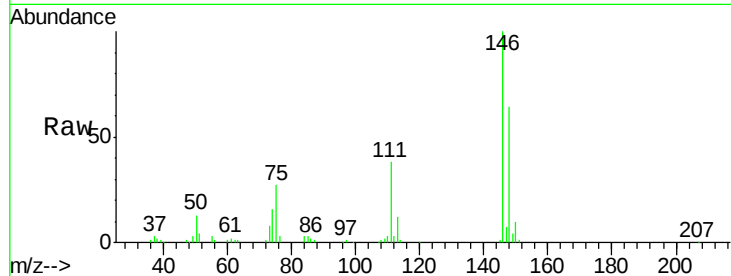
Tgt Ion:146 Resp: 106598

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

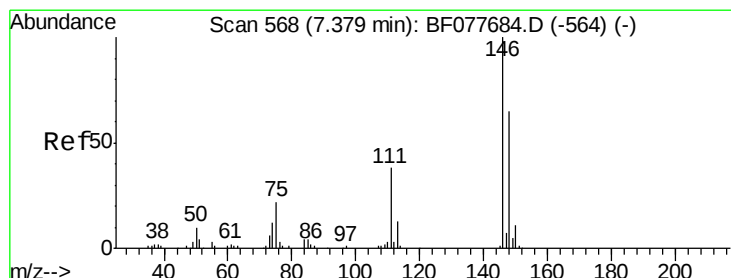
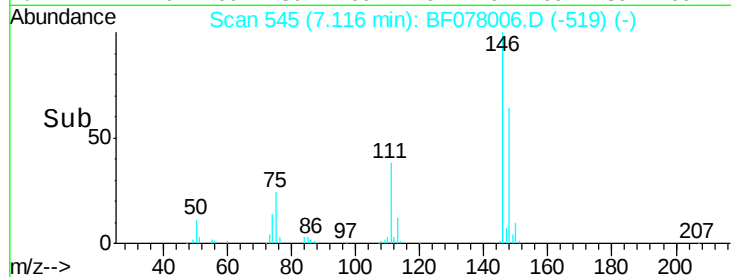
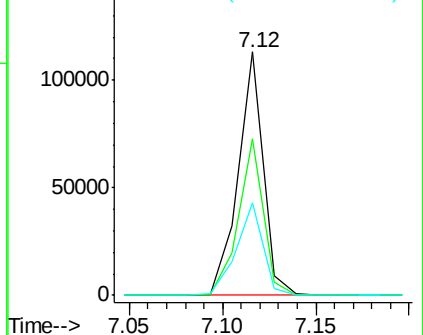
111 38.2 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.24 ng

RT: 7.30 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

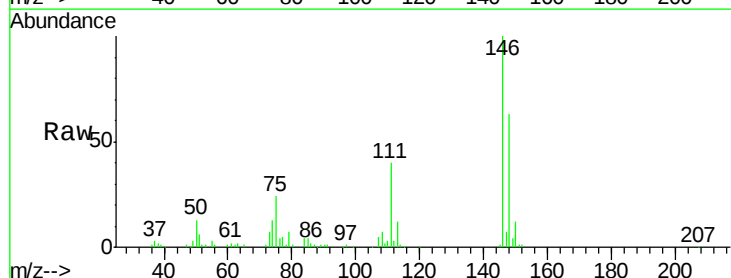
Tgt Ion:146 Resp: 102036

Ion Ratio Lower Upper

146 100

148 63.3 52.3 78.5

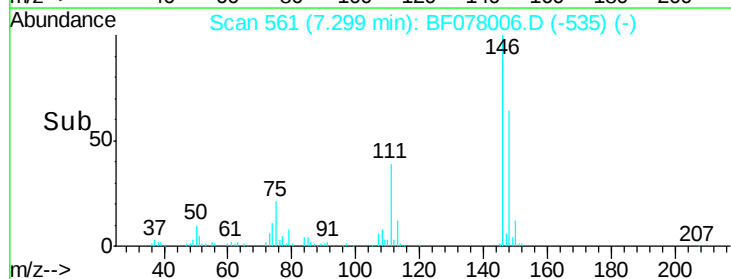
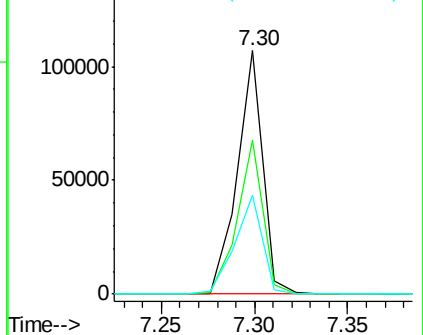
111 40.4 30.6 45.8

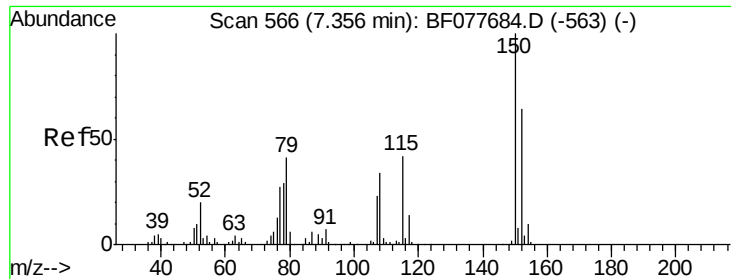


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.27 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

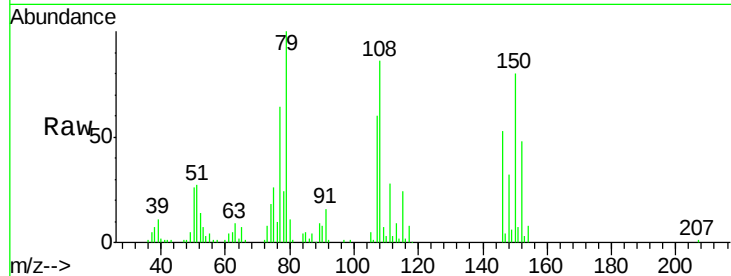
Tgt Ion: 79 Resp: 75932

Ion Ratio Lower Upper

79 100

108 85.5 65.0 97.4

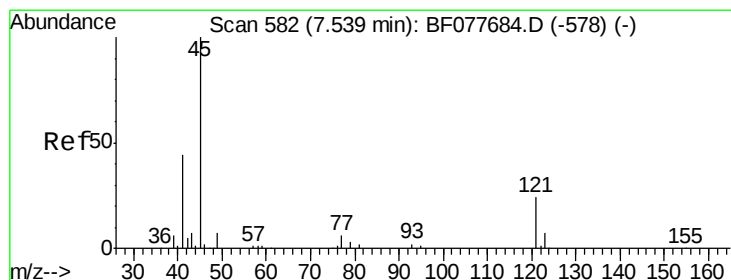
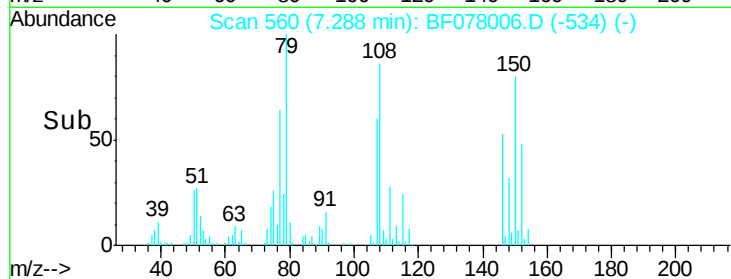
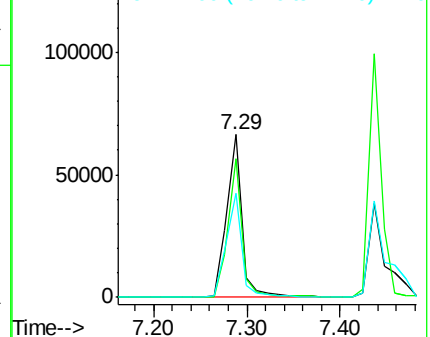
77 63.7 53.0 79.6



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: 35.28 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

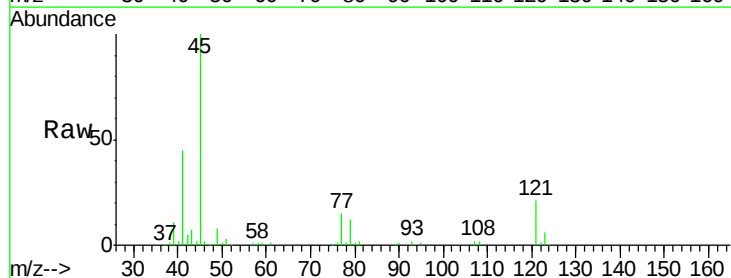
Tgt Ion: 45 Resp: 116096

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.2

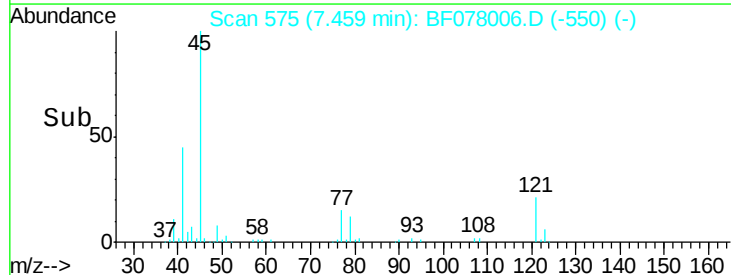
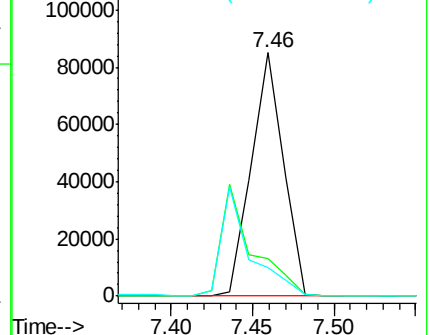
79 11.6 0.0 32.0

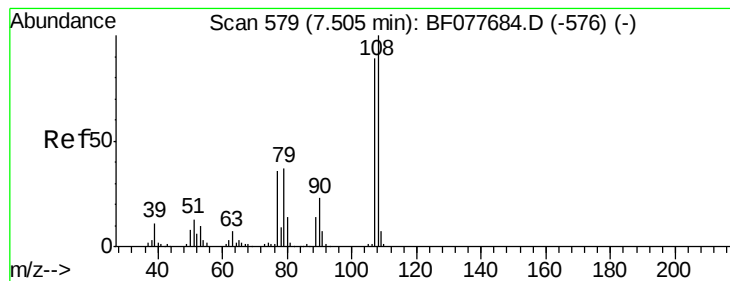


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.06 ng

RT: 7.44 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

Tgt Ion:107 Resp: 80175

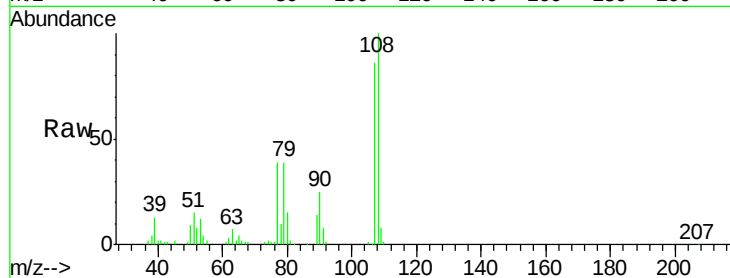
Ion Ratio Lower Upper

107 100

108 116.5 89.8 134.8

77 46.0 32.6 48.8

79 44.9 32.8 49.2



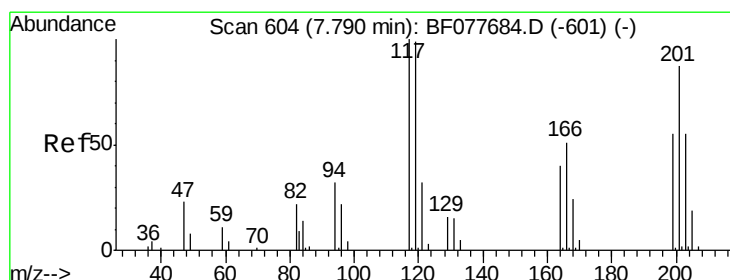
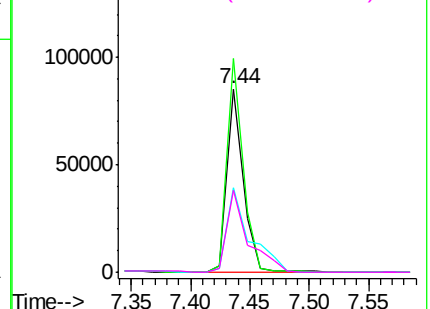
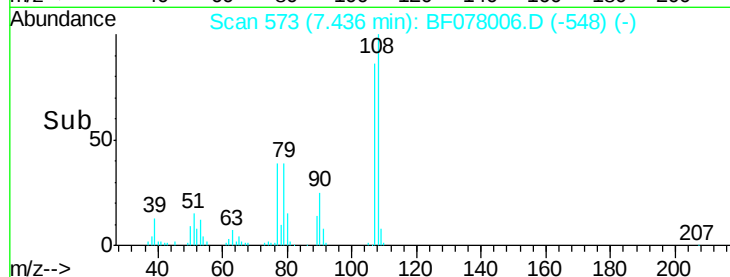
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.44 ng

RT: 7.71 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

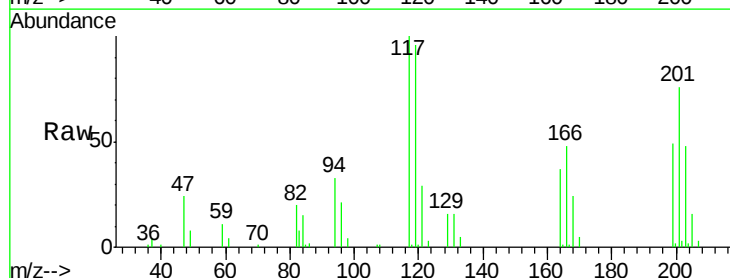
Tgt Ion:117 Resp: 36698

Ion Ratio Lower Upper

117 100

119 96.2 79.2 118.8

201 76.0 69.8 104.6

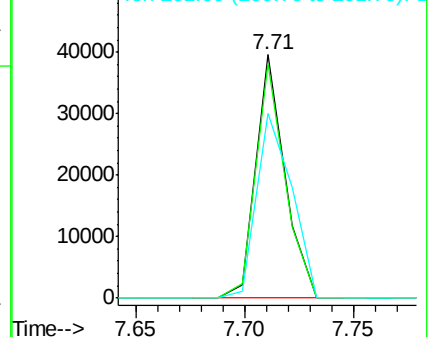
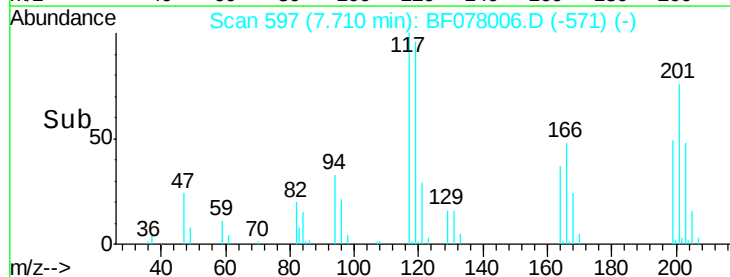


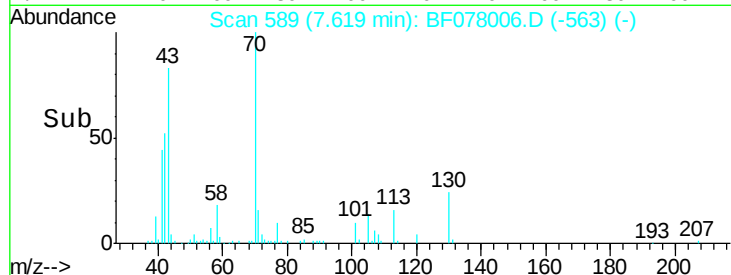
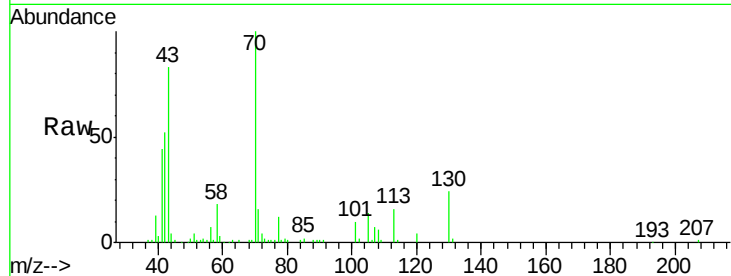
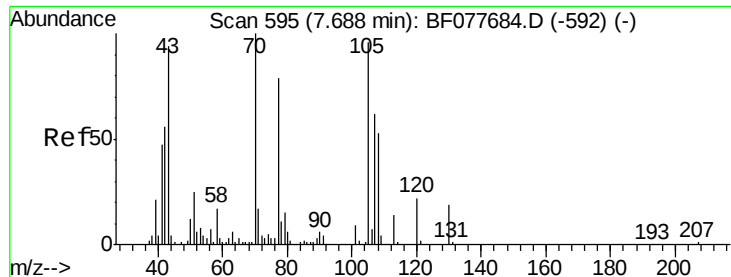
Abundance

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

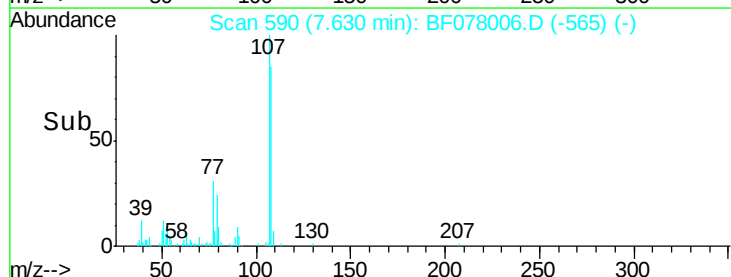
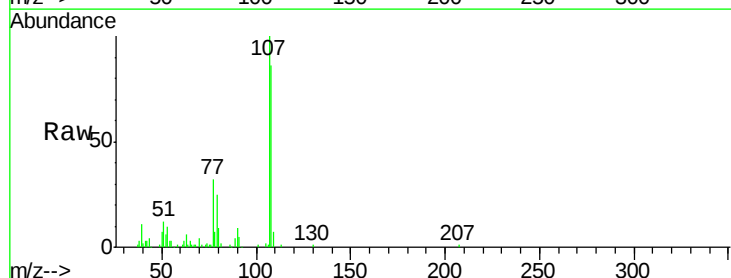
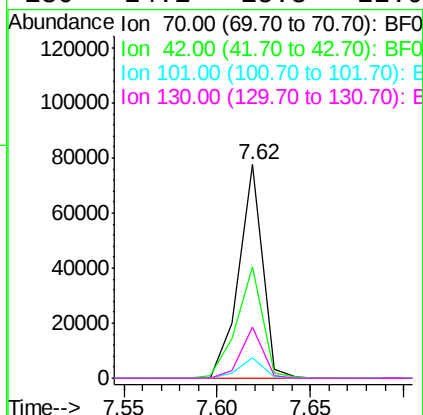




#19
n-Nitroso-di-n-propylamine
Concen: 36.36 ng
RT: 7.62 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

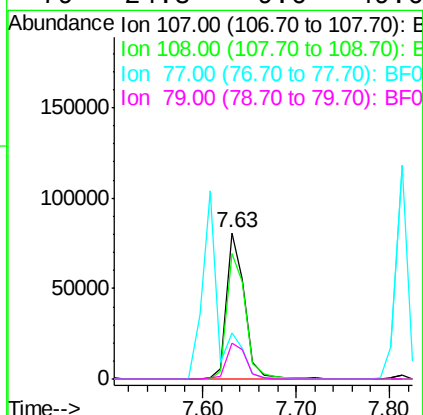
Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tgt Ion: 70 Resp: 69369
Ion Ratio Lower Upper
70 100
42 51.9 44.5 66.7
101 9.6 7.4 11.2
130 24.1 15.3 22.9#



#20
3+4-Methylphenols
Concen: 38.07 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion: 107 Resp: 108057
Ion Ratio Lower Upper
107 100
108 85.7 73.2 113.2
77 31.6 10.7 50.7
79 24.8 9.6 49.6

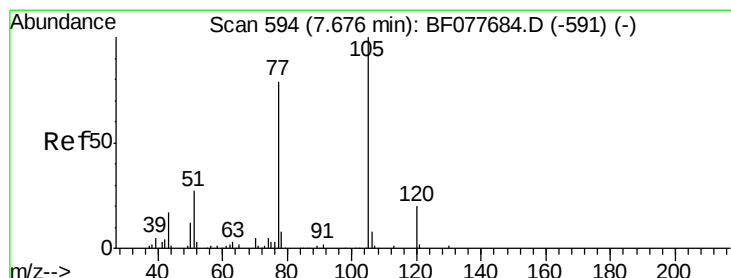
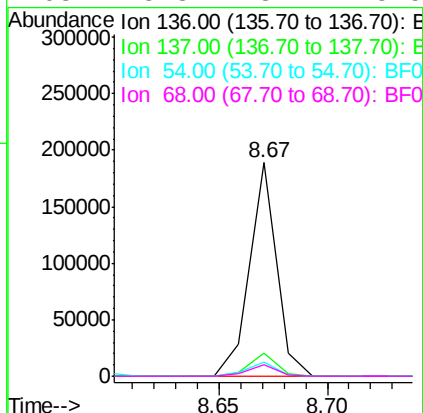
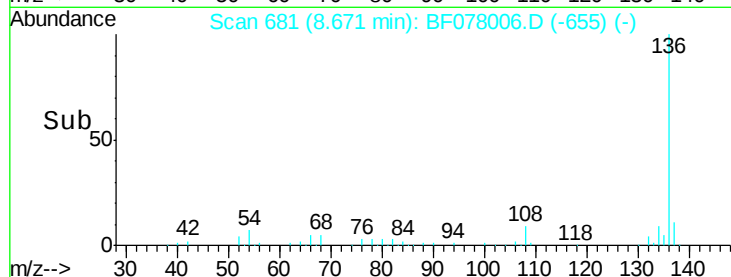
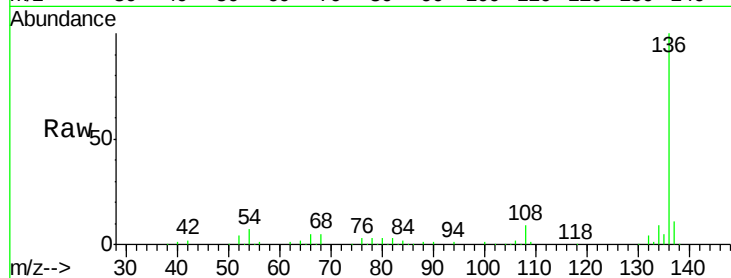




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

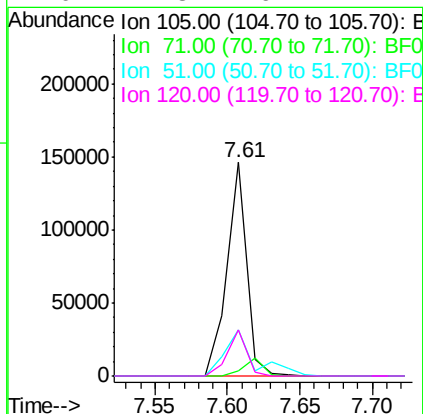
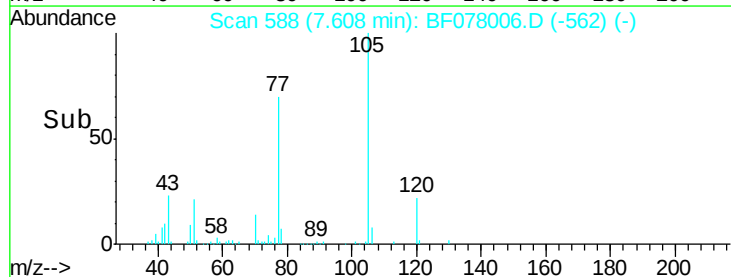
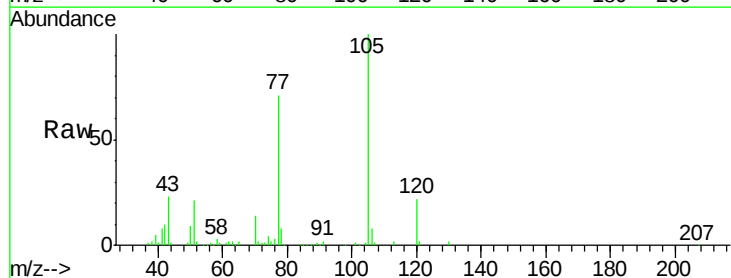
Instrument :
BNA_F
ClientSampleId :
PB82320BS

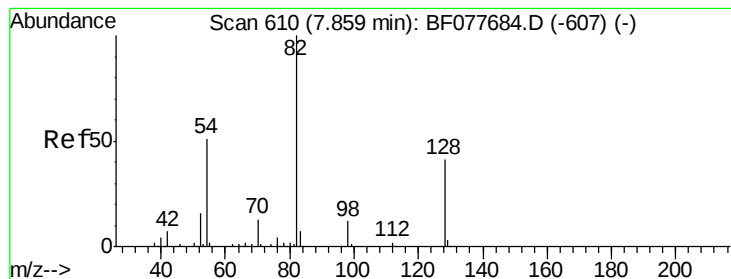
Tgt Ion:	136	Resp:	162526
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.6	4.6	6.8
68	5.3	3.7	5.5



#22
Acetophenone
Concen: 38.41 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:	105	Resp:	138182
Ion	Ratio	Lower	Upper
105	100		
71	2.5	0.6	1.0#
51	21.5	21.6	32.4#
120	21.8	16.1	24.1





#23

Nitrobenzene-d5

Concen: 64.95 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

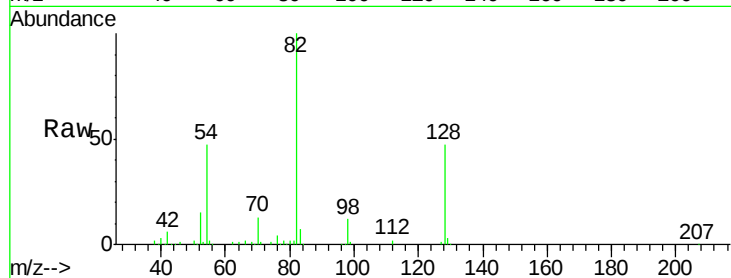
Tgt Ion: 82 Resp: 161035

Ion Ratio Lower Upper

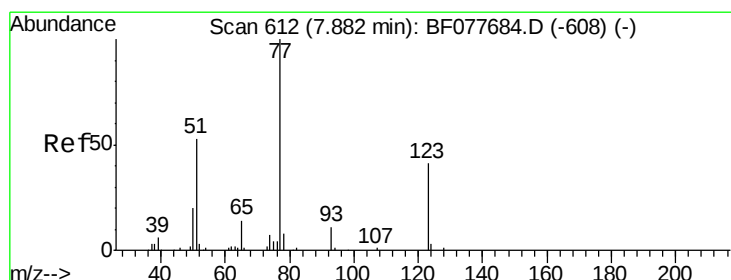
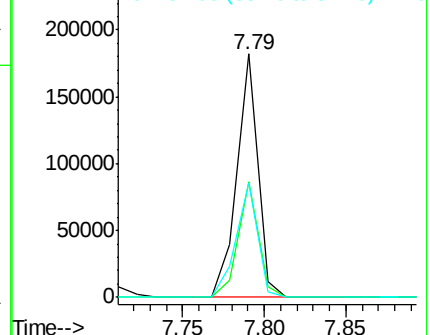
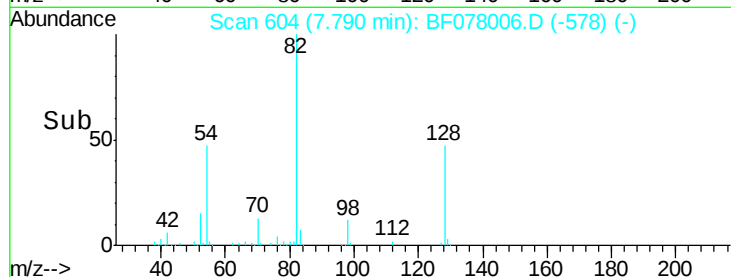
82 100

128 47.4 32.8 49.2

54 47.1 40.6 60.8



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



#24

Nitrobenzene

Concen: 37.84 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

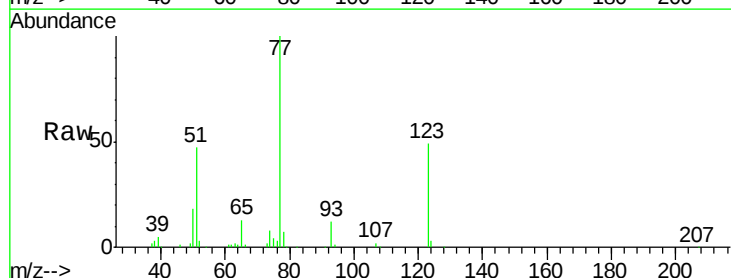
Tgt Ion: 77 Resp: 101073

Ion Ratio Lower Upper

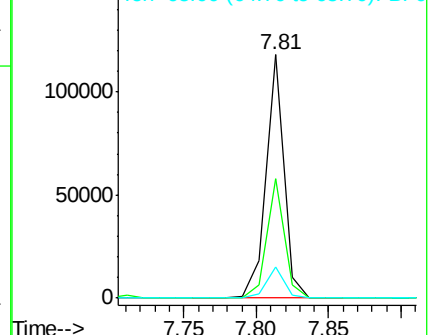
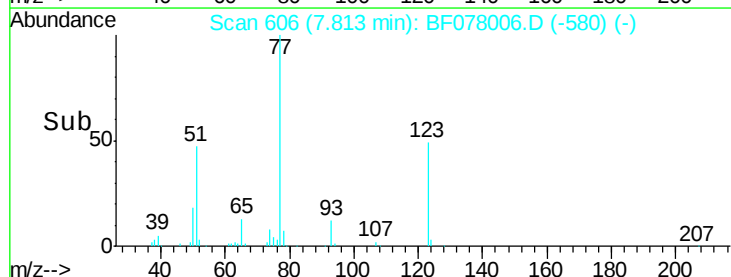
77 100

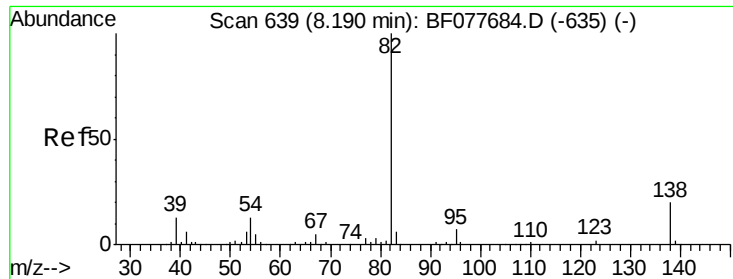
123 49.0 32.6 49.0#

65 12.8 10.9 16.3



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





#25

Isophorone

Concen: 35.70 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

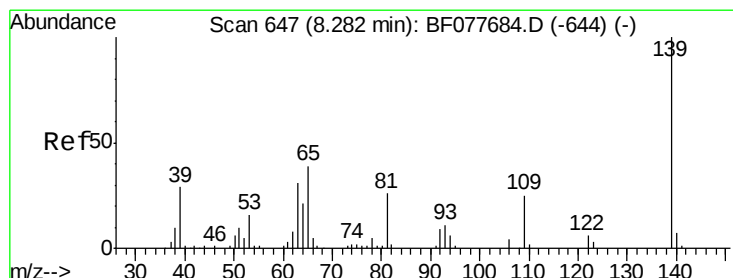
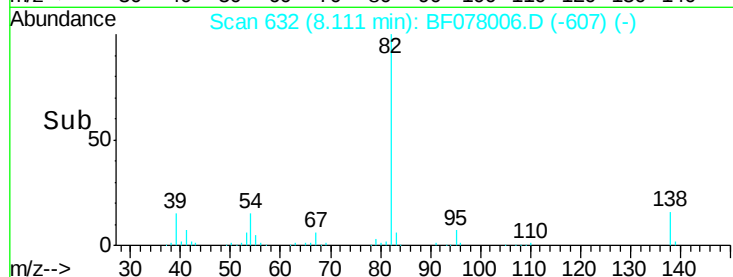
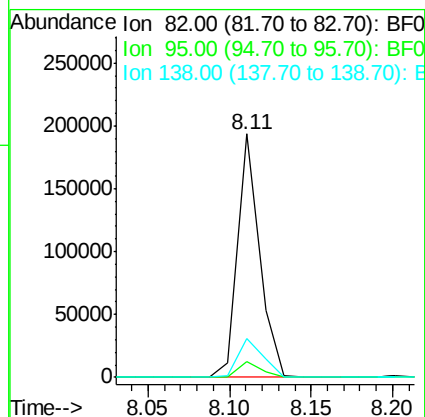
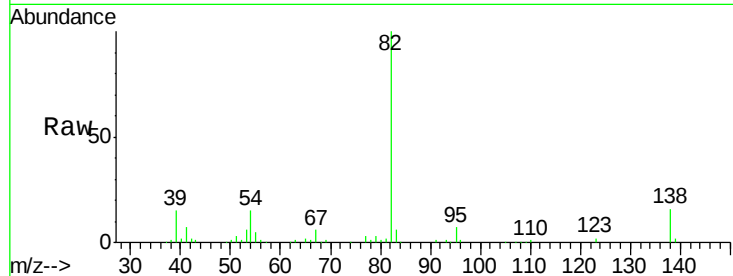
Tgt Ion: 82 Resp: 178743

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 16.1 16.3 24.5#



#26

2-Nitrophenol

Concen: 35.50 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

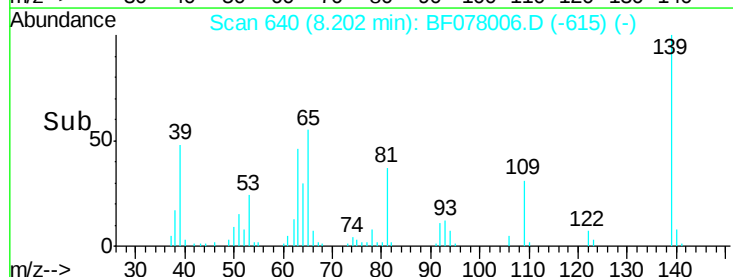
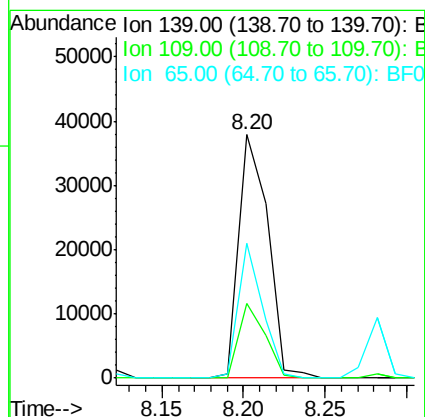
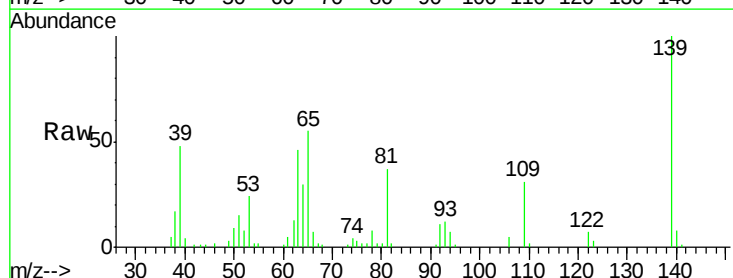
Tgt Ion: 139 Resp: 46421

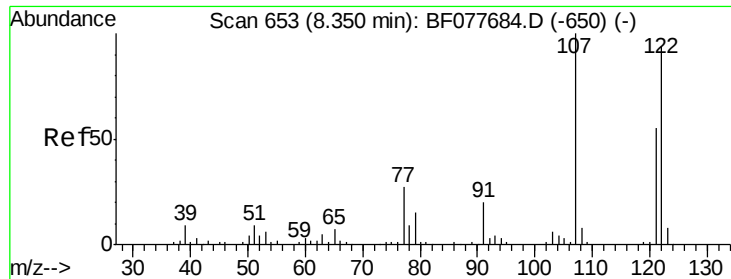
Ion Ratio Lower Upper

139 100

109 30.9 20.1 30.1#

65 55.2 31.5 47.3#

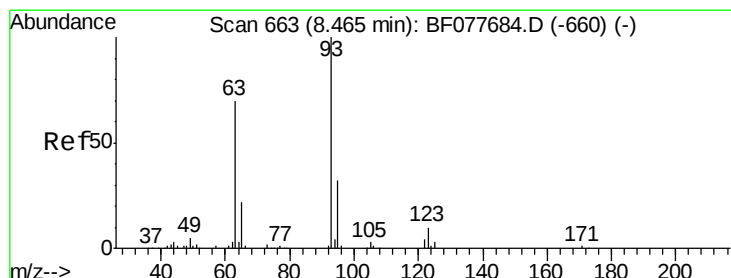
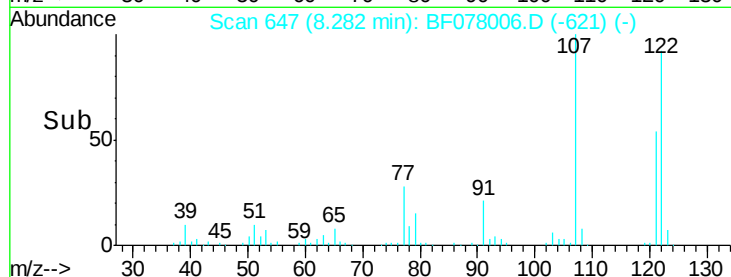
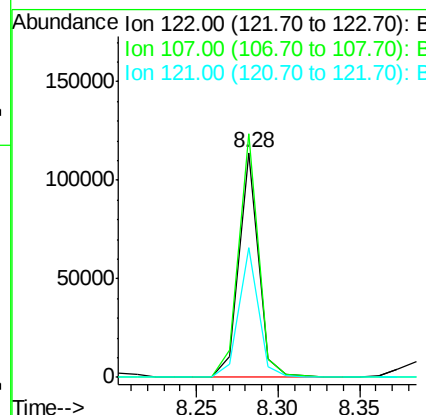
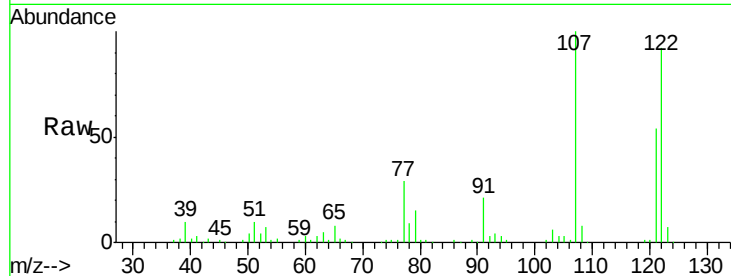




#27
2,4-Dimethylphenol
Concen: 39.43 ng
RT: 8.28 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

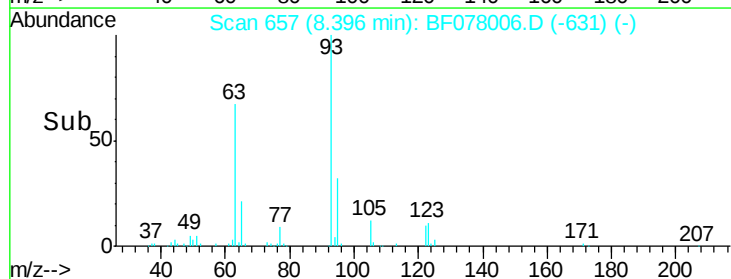
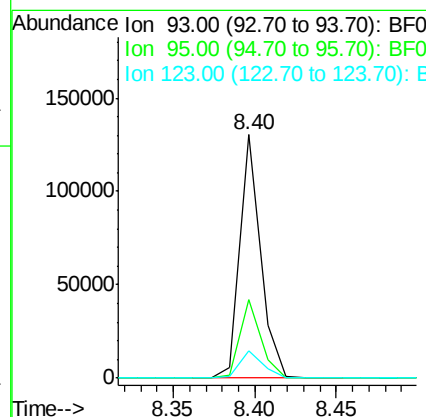
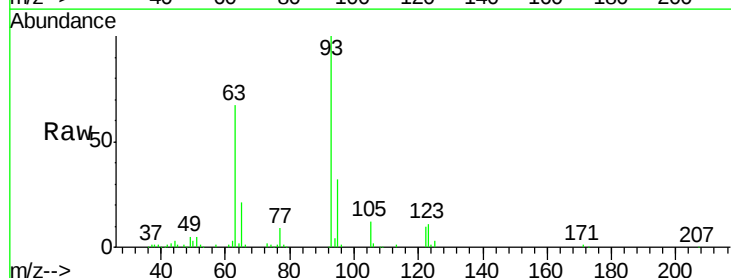
Instrument :
BNA_F
ClientSampleId :
PB82320BS

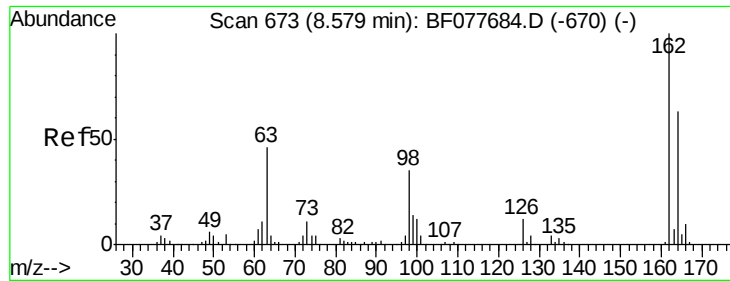
Tgt Ion: 122 Resp: 93942
Ion Ratio Lower Upper
122 100
107 108.4 84.7 127.1
121 58.0 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 37.40 ng
RT: 8.40 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion: 93 Resp: 113676
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.4 8.6 13.0

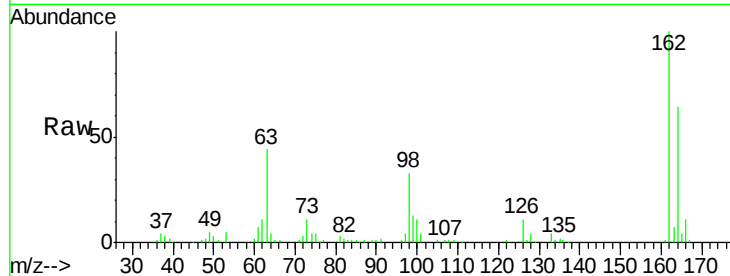




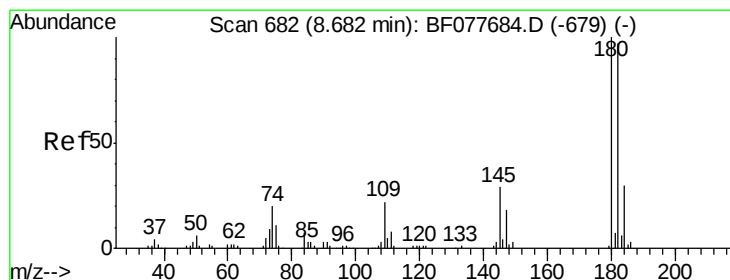
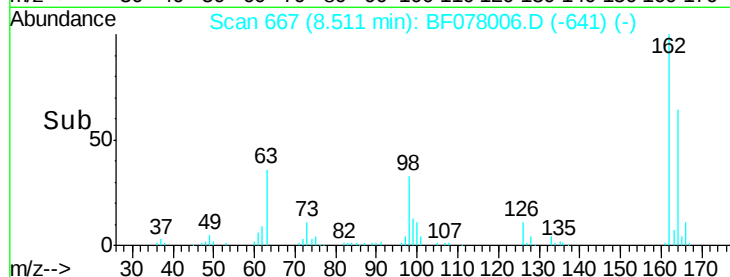
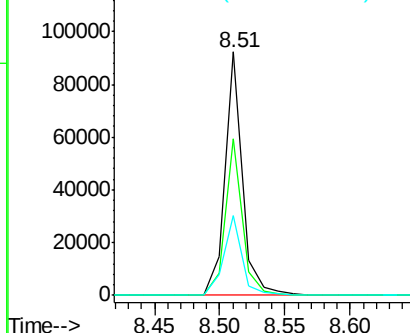
#29
2,4-Dichlorophenol
Concen: 38.01 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tgt Ion:162 Resp: 86307
Ion Ratio Lower Upper
162 100
164 64.5 42.8 82.8
98 32.7 14.5 54.5

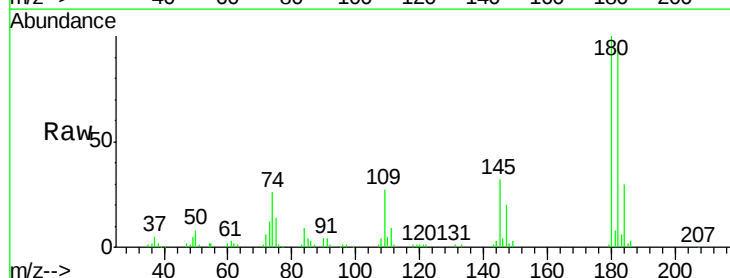


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

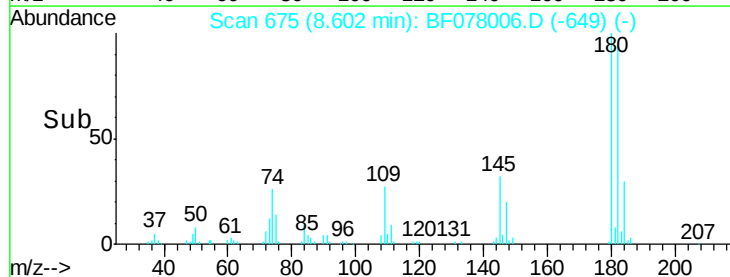
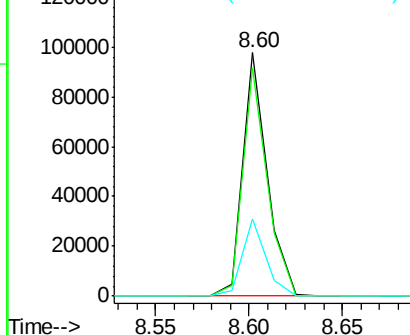


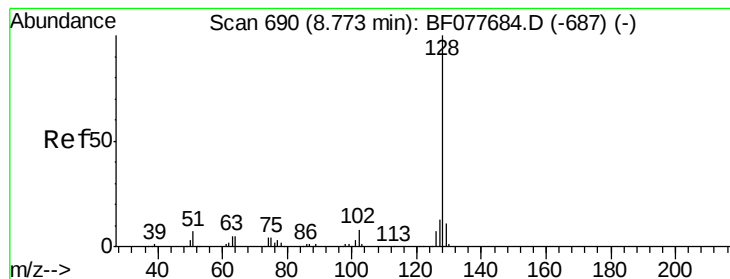
#30
1,2,4-Trichlorobenzene
Concen: 34.83 ng
RT: 8.60 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:180 Resp: 88495
Ion Ratio Lower Upper
180 100
182 93.5 77.6 116.4
145 31.8 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: 34.58 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

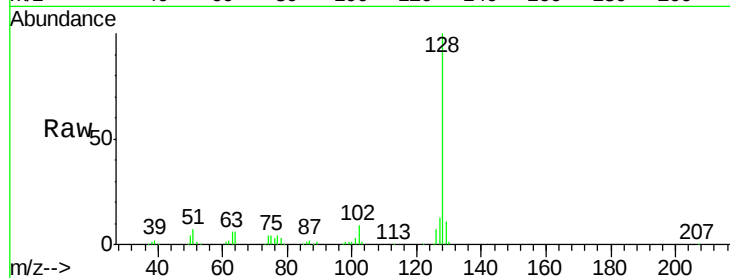
Tgt Ion:128 Resp: 288680

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

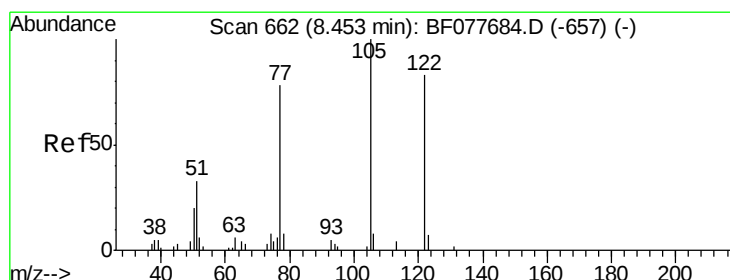
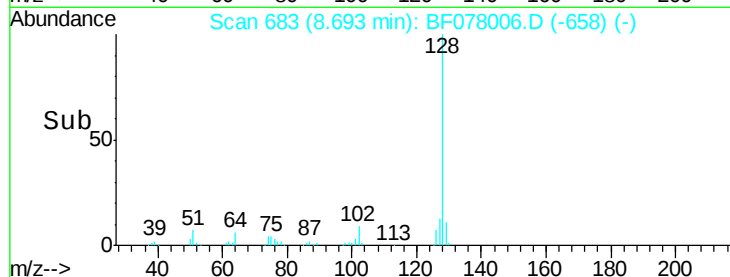
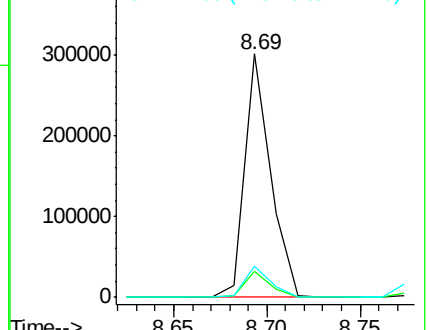
127 13.0 10.4 15.6



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: 25.80 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

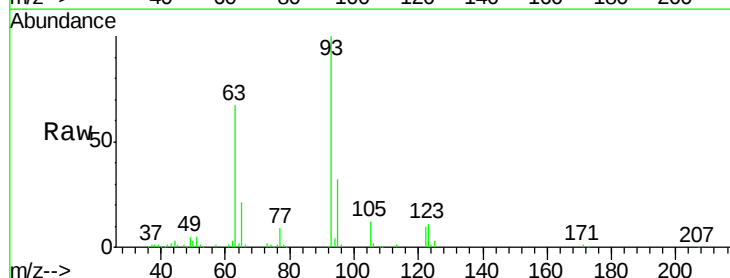
Tgt Ion:122 Resp: 32256

Ion Ratio Lower Upper

122 100

105 124.3 99.9 139.9

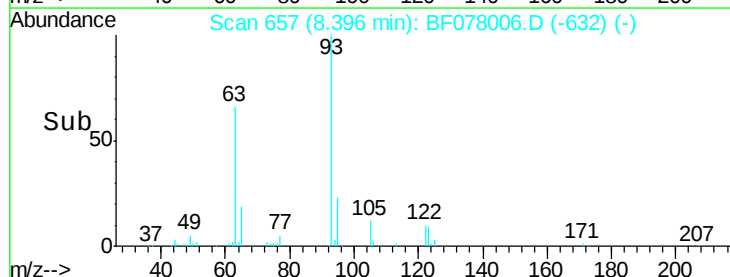
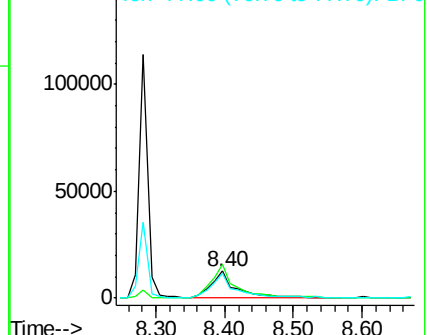
77 94.4 73.7 113.7

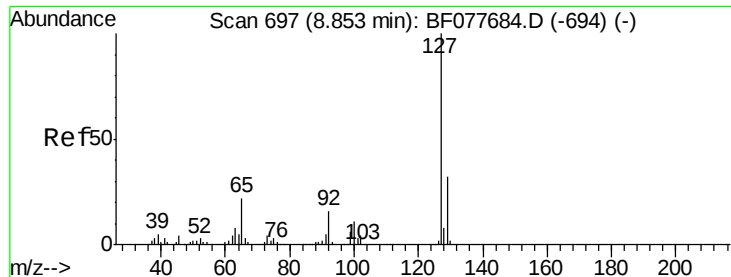


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

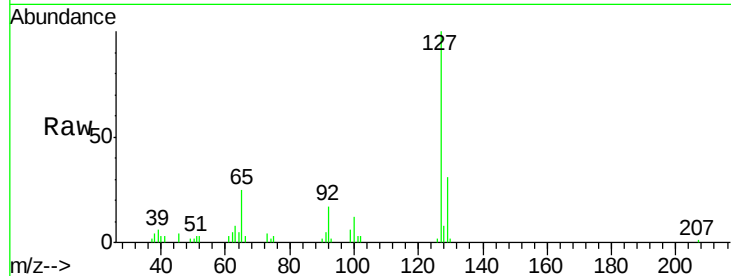




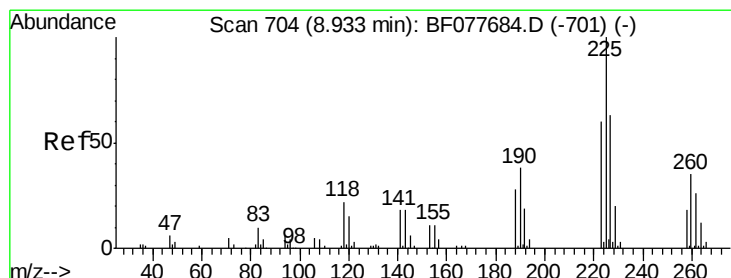
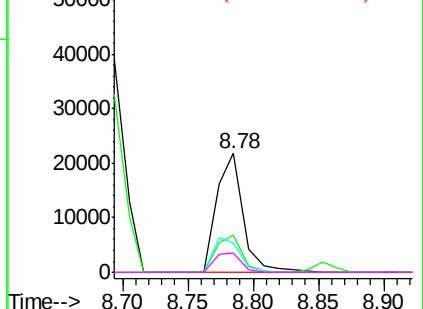
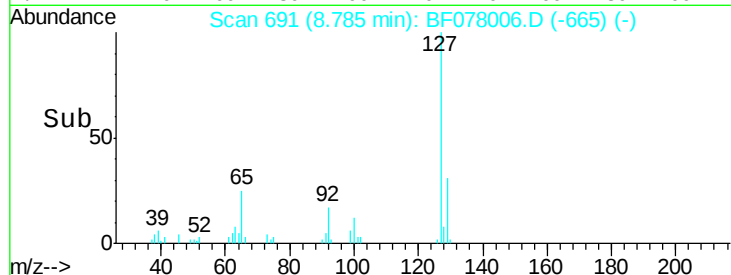
#33
4-Chloroaniline
Concen: 9.04 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tgt Ion:	127	Resp:	30622
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.3	37.9
65	24.8	17.6	26.4
92	16.6	13.1	19.7

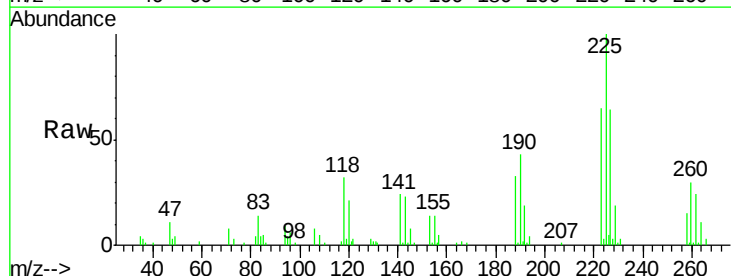


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

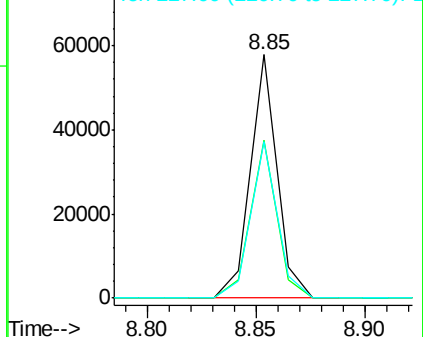
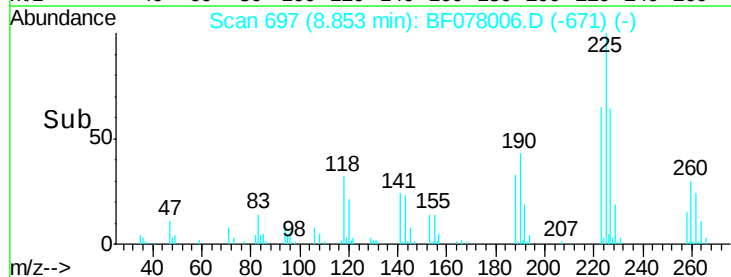


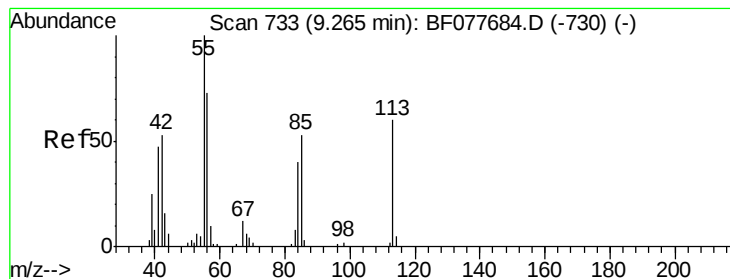
#34
Hexachlorobutadiene
Concen: 34.20 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:	225	Resp:	49256
Ion	Ratio	Lower	Upper
225	100		
223	64.7	47.9	71.9
227	64.2	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: 39.25 ng

RT: 9.21 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

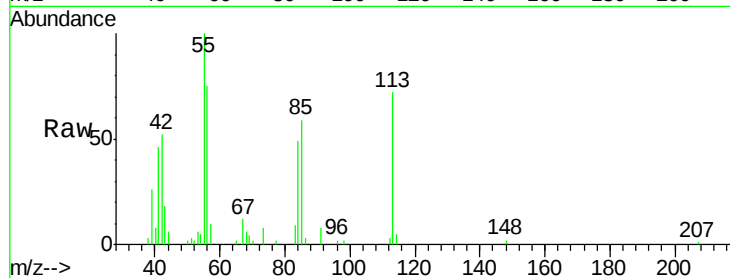
Tgt Ion:113 Resp: 26051

Ion Ratio Lower Upper

113 100

55 138.1 145.9 185.9#

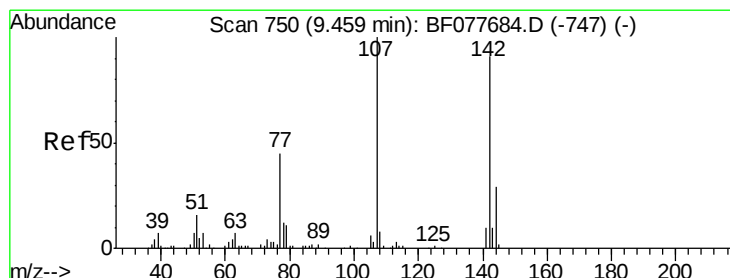
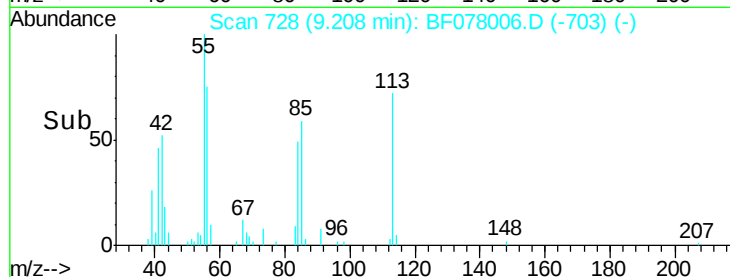
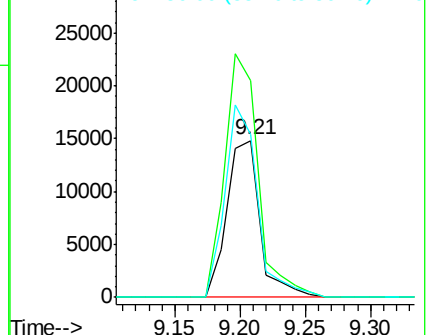
56 104.2 101.0 141.0



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: 37.71 ng

RT: 9.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

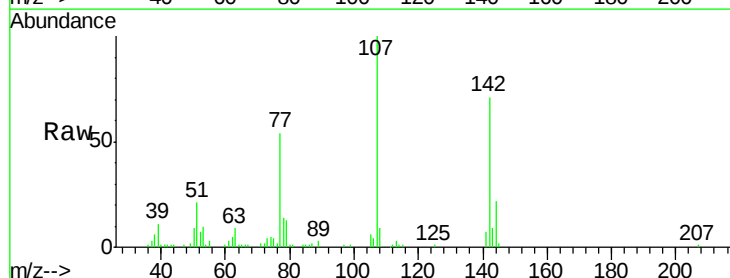
Tgt Ion:107 Resp: 86170

Ion Ratio Lower Upper

107 100

144 22.2 23.3 34.9#

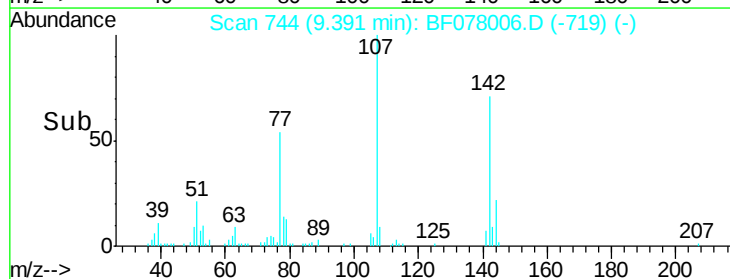
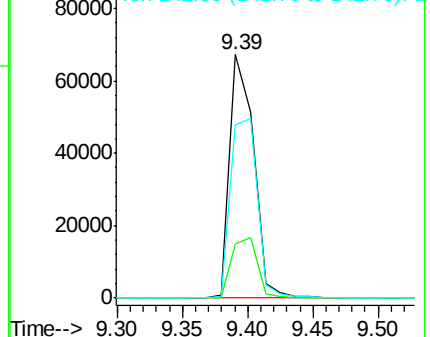
142 71.3 72.6 109.0#

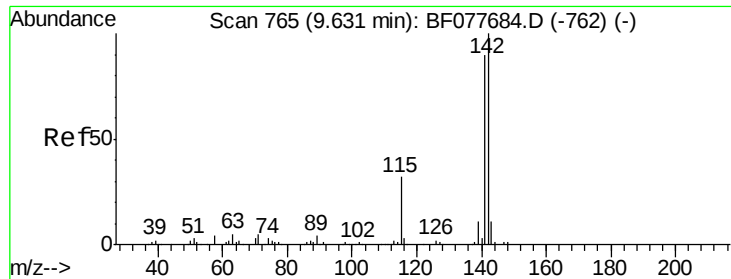


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

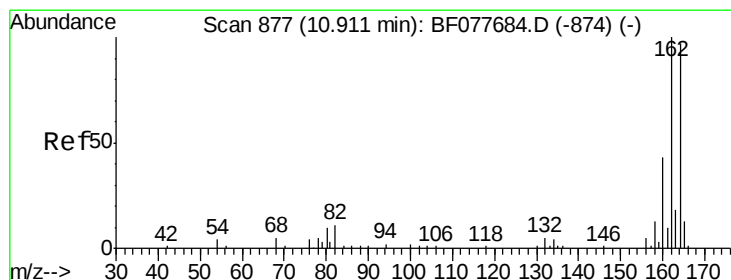
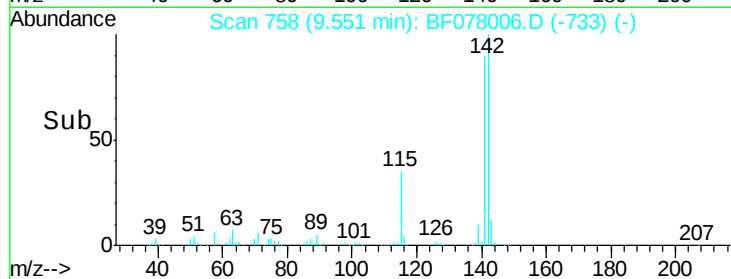
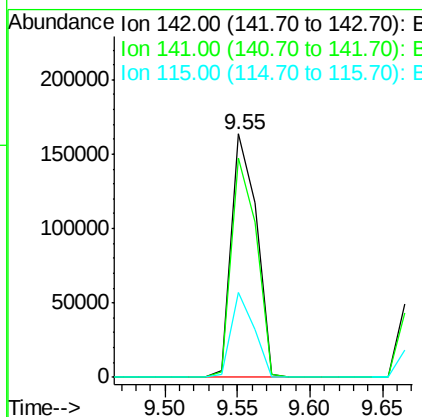
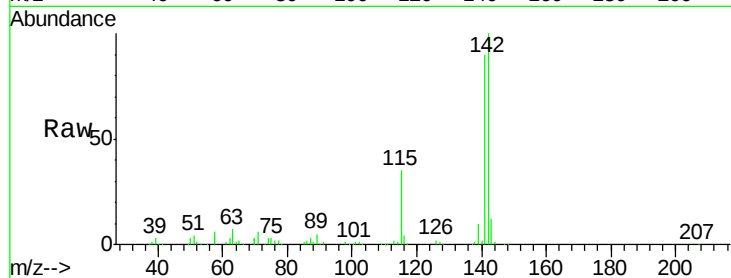




#37
 2-Methylnaphthalene
 Concen: 35.26 ng
 RT: 9.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

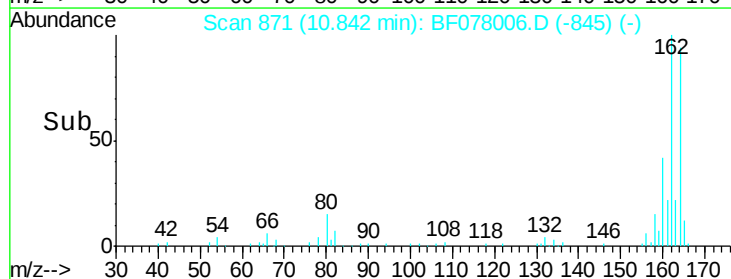
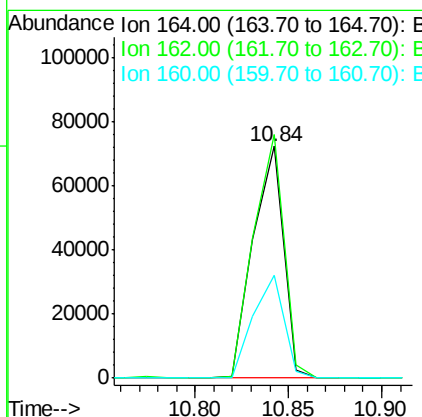
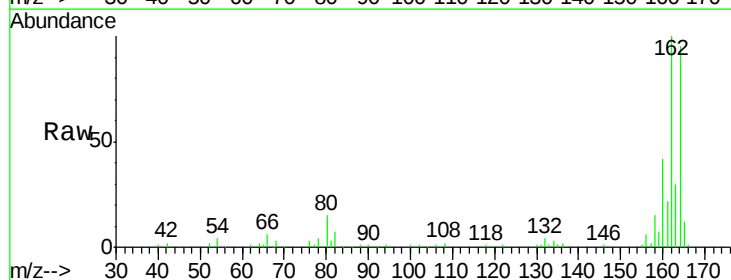
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

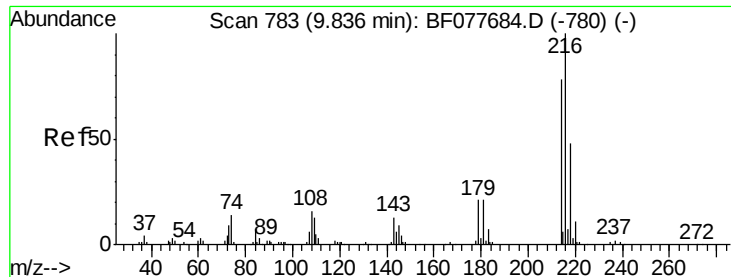
Tgt Ion:142 Resp: 197712
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.9 107.9
 115 35.1 25.4 38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:164 Resp: 81160
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.4 123.6
 160 44.6 35.8 53.6

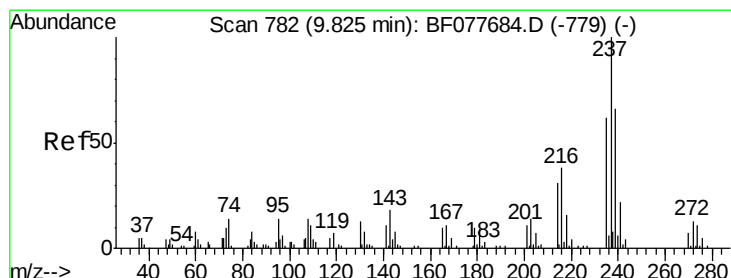
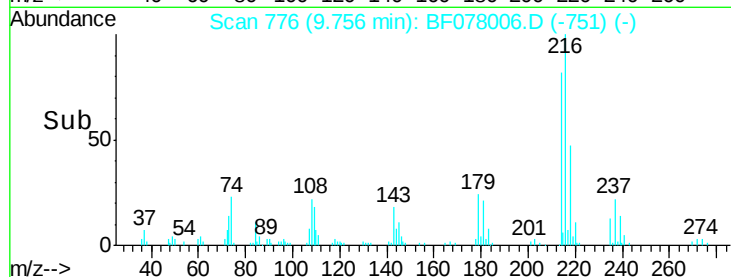
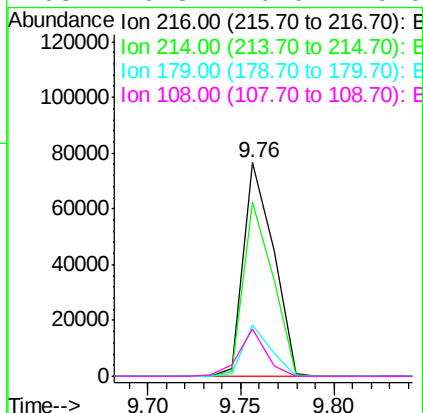
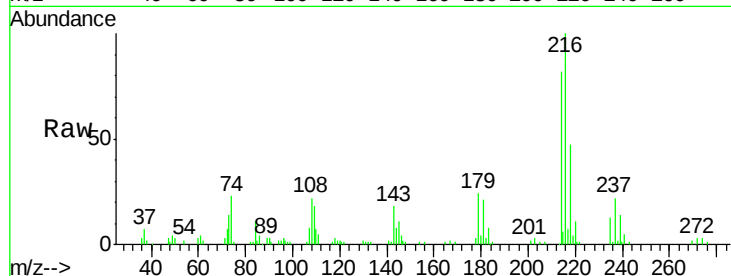




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.44 ng
 RT: 9.76 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

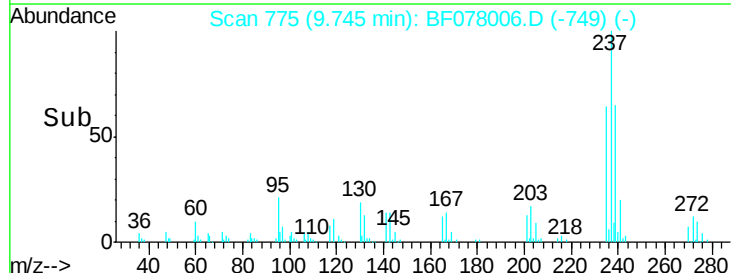
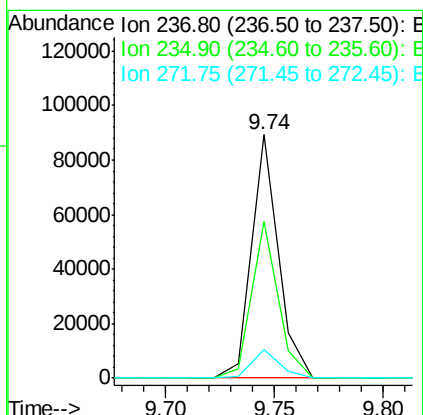
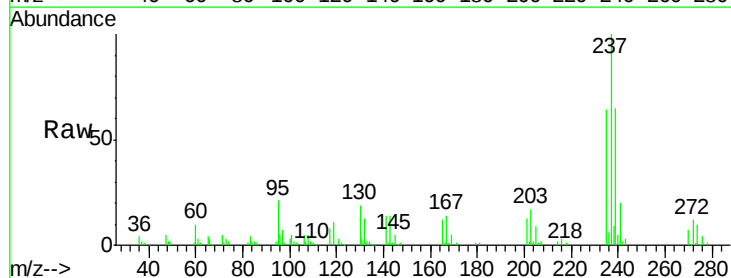
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tgt Ion:	216	Resp:	85784
Ion	Ratio	Lower	Upper
216	100		
214	79.5	0.0	0.0#
179	21.9	0.0	0.0#
108	20.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 63.76 ng
 RT: 9.74 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:	237	Resp:	76458
Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.0	82.0
272	11.6	0.0	33.4

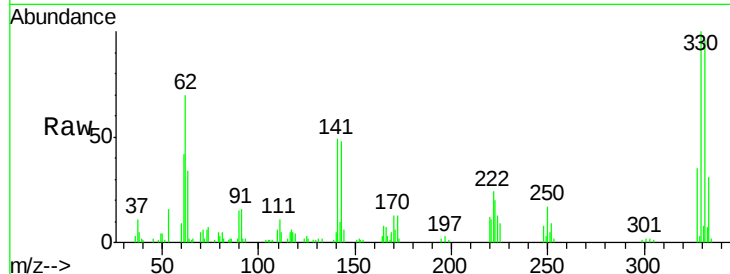




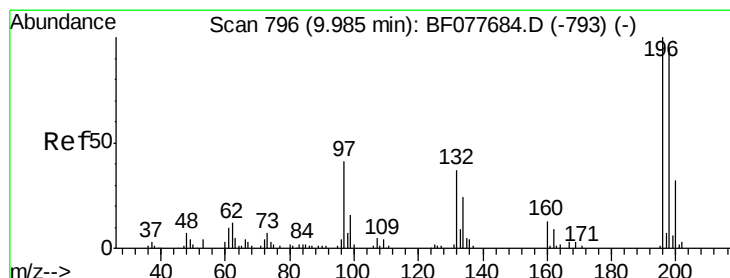
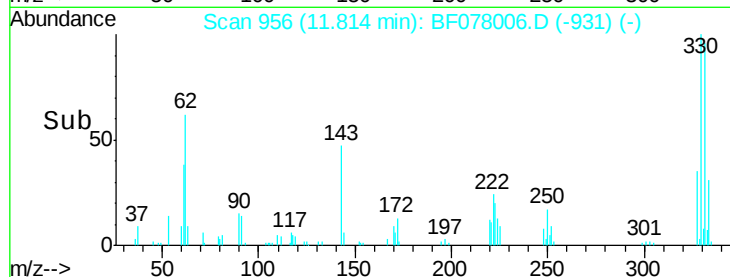
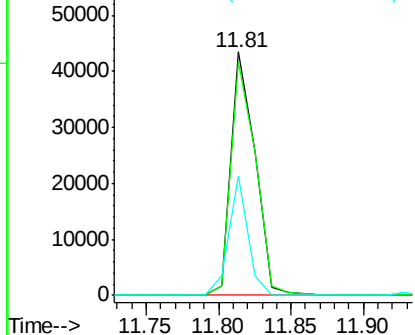
#41
 2,4,6-Tribromophenol
 Concen: 64.45 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tgt Ion:330 Resp: 50047
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 38.9 0.0 0.0#

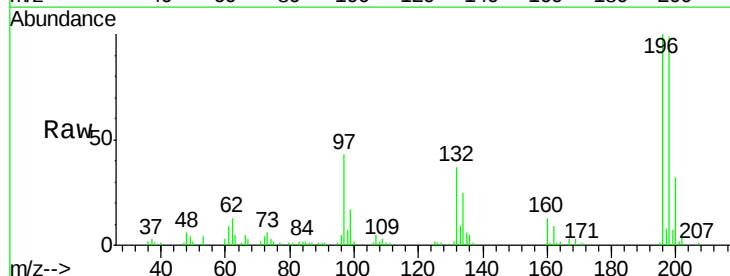


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

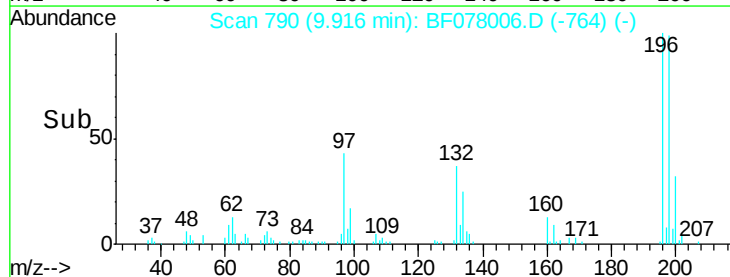
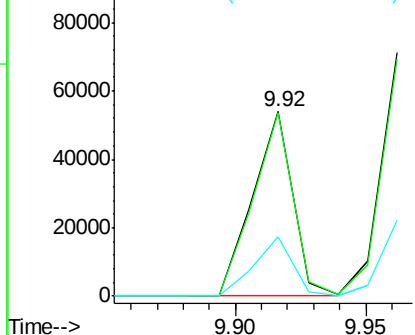


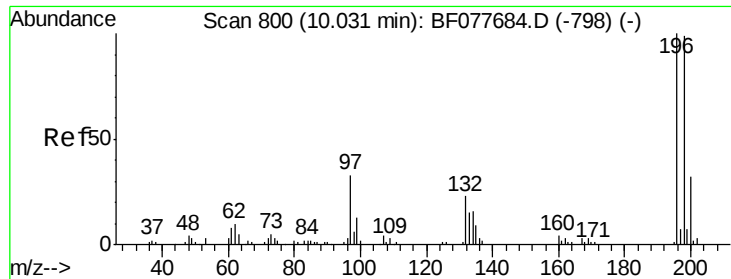
#42
 2,4,6-Trichlorophenol
 Concen: 34.22 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:196 Resp: 57377
 Ion Ratio Lower Upper
 196 100
 198 99.5 76.3 114.5
 200 31.8 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

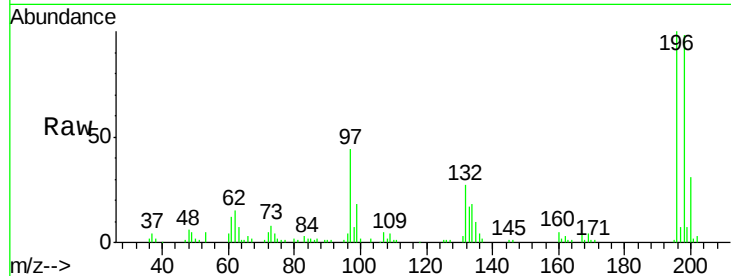




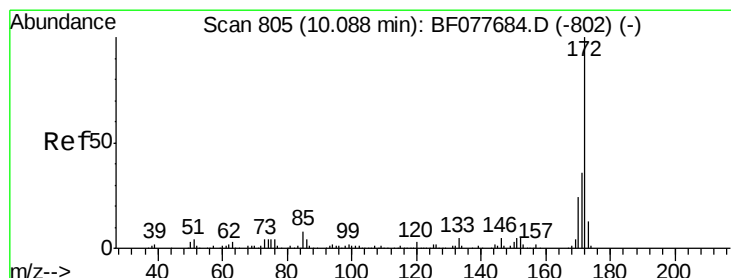
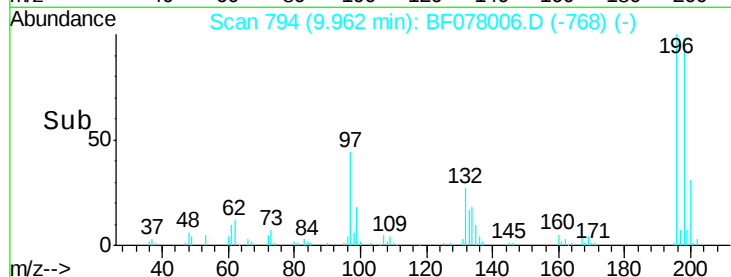
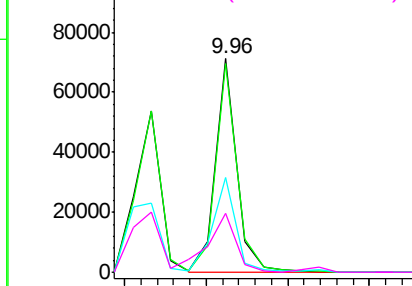
#43
 2,4,5-Trichlorophenol
 Concen: 35.89 ng
 RT: 9.96 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tgt Ion:196 Resp: 65024
 Ion Ratio Lower Upper
 196 100
 198 97.6 79.4 119.0
 97 44.1 26.8 40.2#
 132 27.4 18.6 28.0

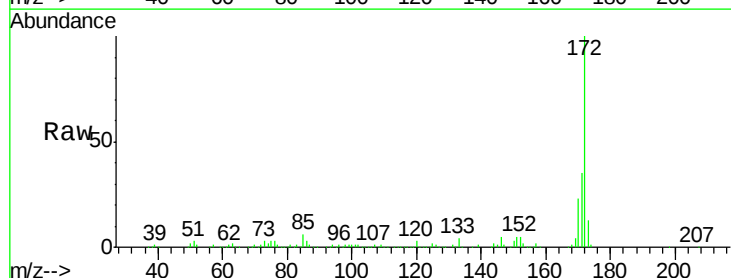


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

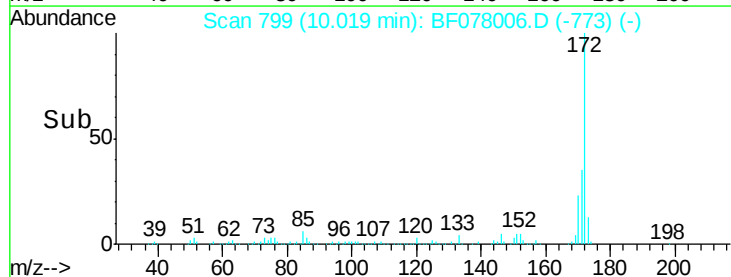
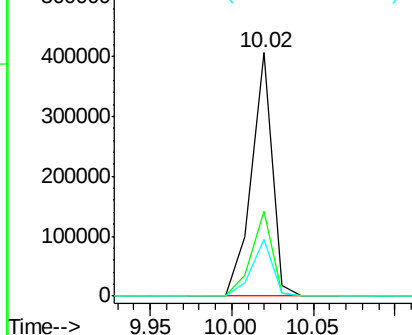


#44
 2-Fluorobiphenyl
 Concen: 65.12 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:172 Resp: 359652
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.3 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

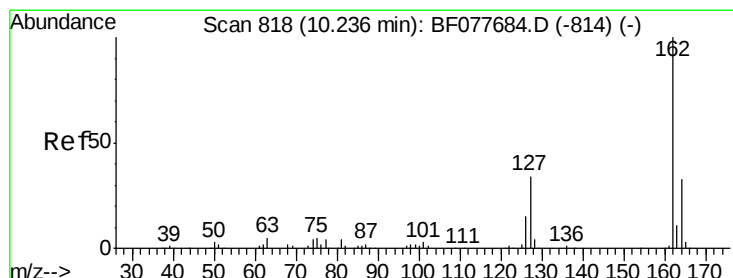
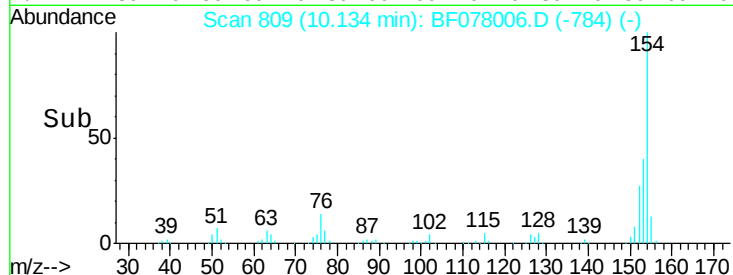
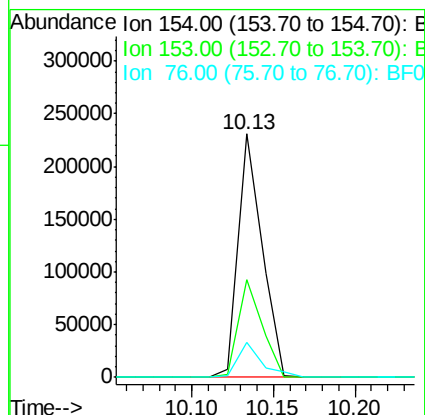
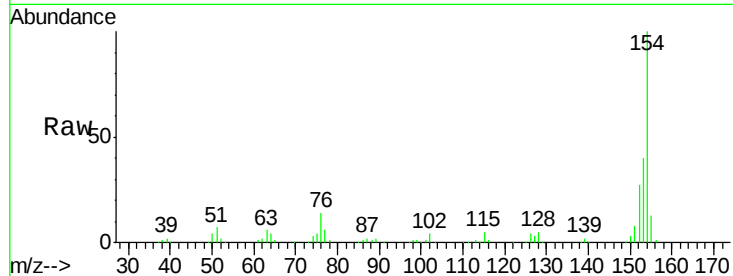




#45
 1,1'-Biphenyl
 Concen: 35.75 ng
 RT: 10.13 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

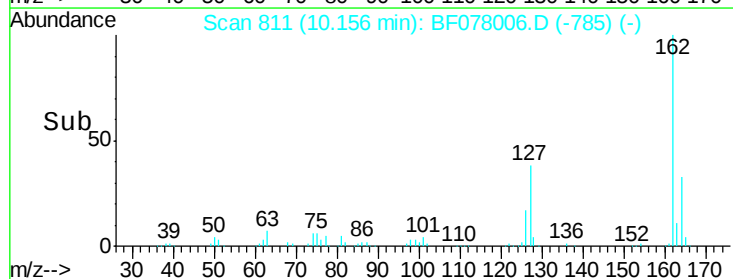
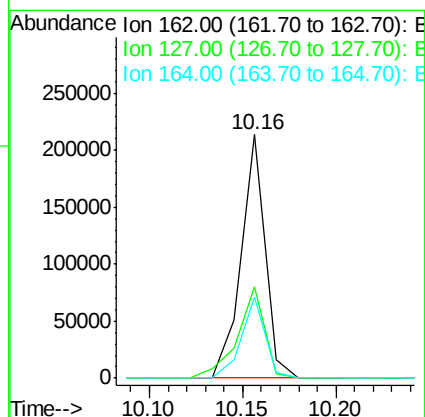
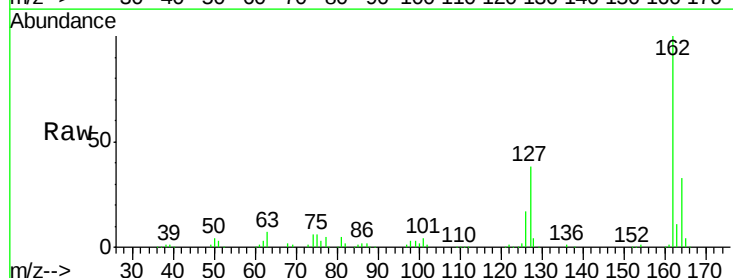
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tgt Ion:154 Resp: 231931
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.7 60.7
 76 14.1 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 36.53 ng
 RT: 10.16 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:162 Resp: 192586
 Ion Ratio Lower Upper
 162 100
 127 37.6 26.9 40.3
 164 33.2 26.8 40.2

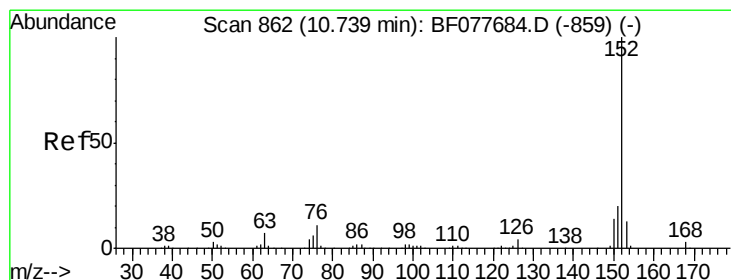
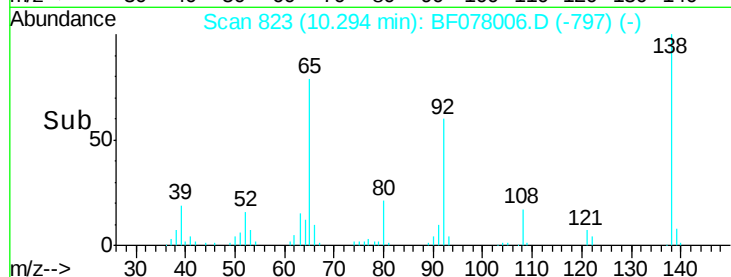
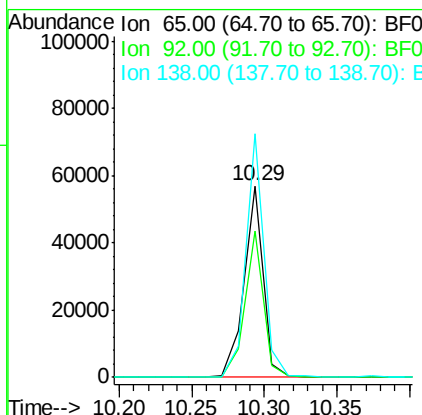
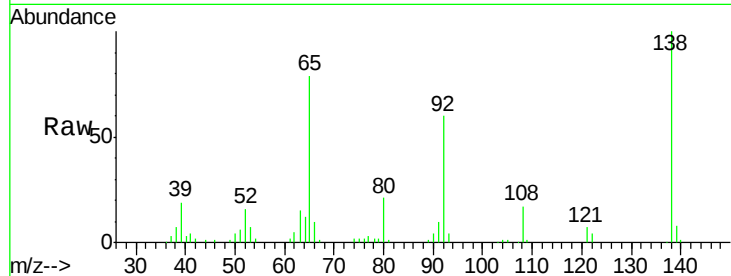




#47
 2-Nitroaniline
 Concen: 39.81 ng
 RT: 10.29 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

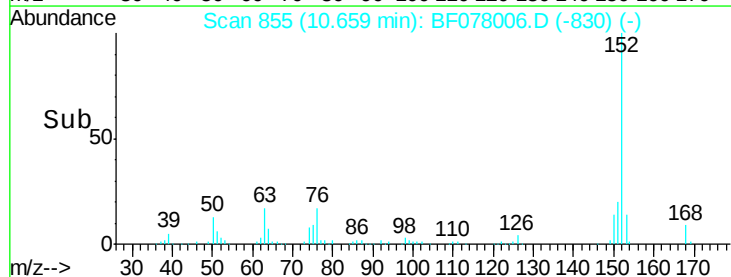
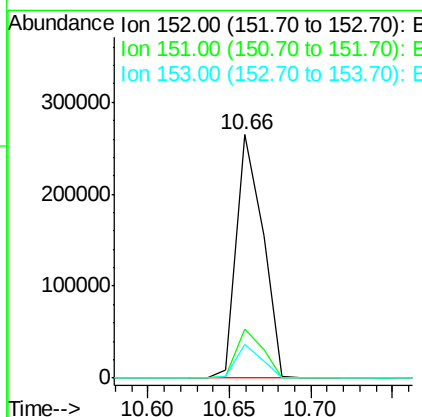
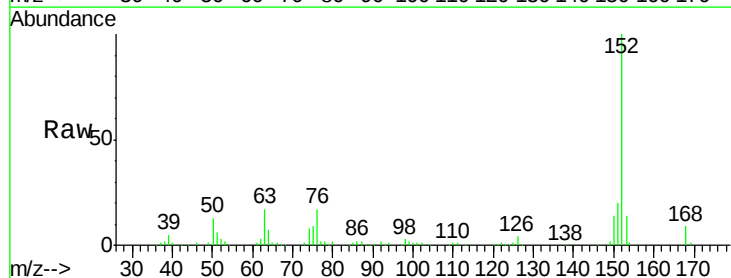
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

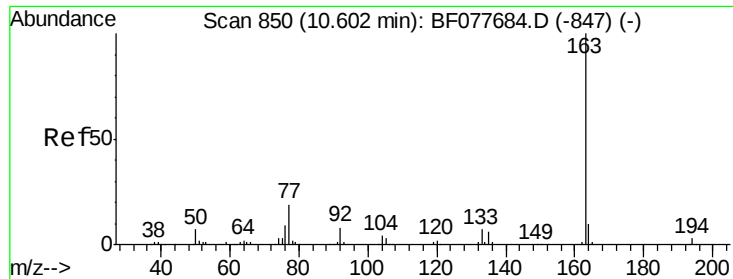
Tgt Ion:	65	Resp:	52130
Ion	Ratio	Lower	Upper
65	100		
92	76.1	59.1	88.7
138	127.1	93.9	140.9



#48
 Acenaphthylene
 Concen: 33.81 ng
 RT: 10.66 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:	152	Resp:	296394
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.7	10.6	16.0

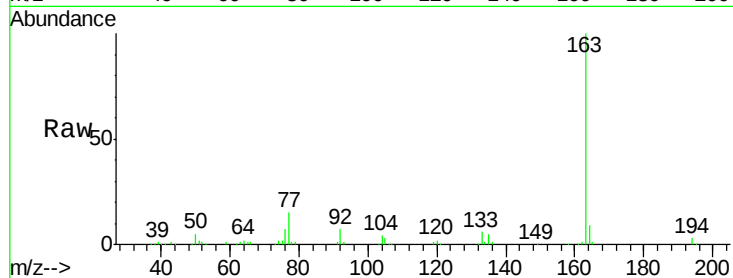




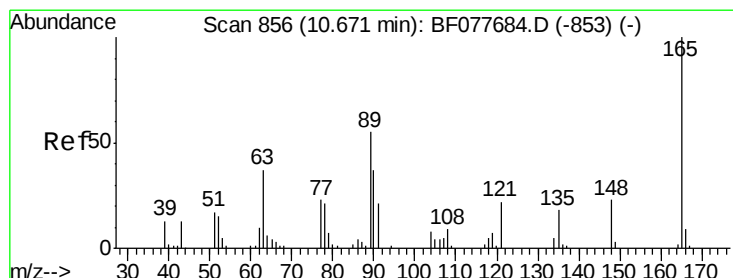
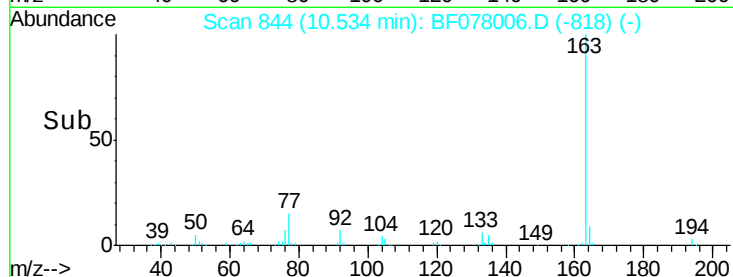
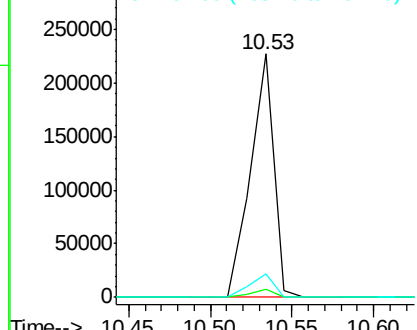
#49
Dimethylphthalate
Concen: 37.34 ng
RT: 10.53 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tgt Ion:163 Resp: 224798
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.4 8.2 12.2

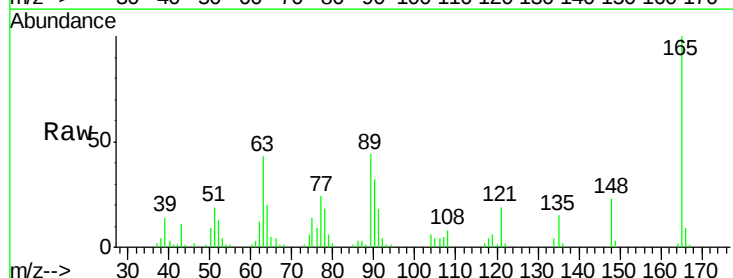


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

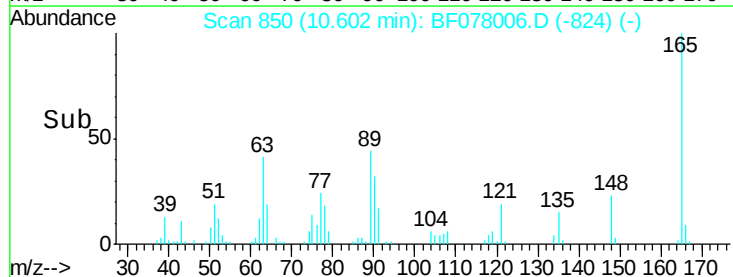
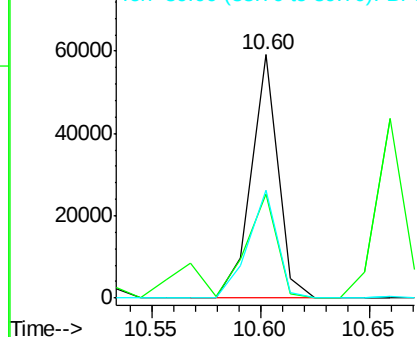


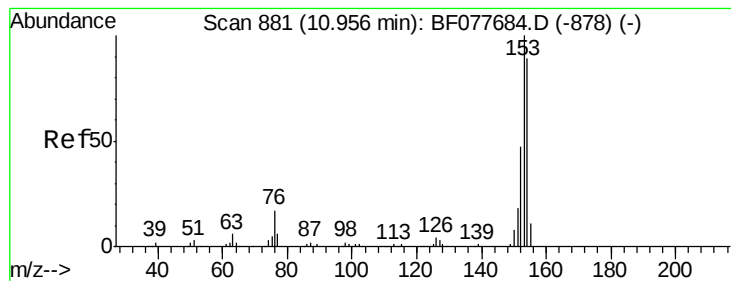
#50
2,6-Dinitrotoluene
Concen: 40.47 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:165 Resp: 50502
Ion Ratio Lower Upper
165 100
63 42.7 44.1 66.1#
89 44.5 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: 34.40 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

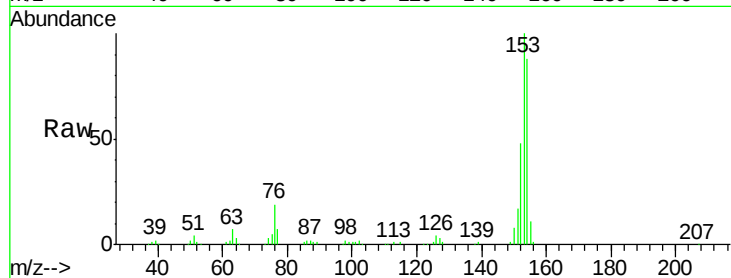
Tgt Ion:154 Resp: 172916

Ion Ratio Lower Upper

154 100

153 113.3 90.0 135.0

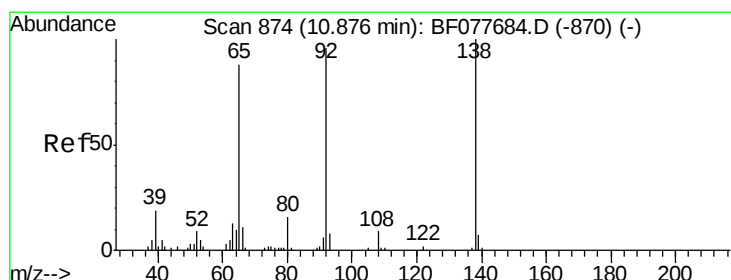
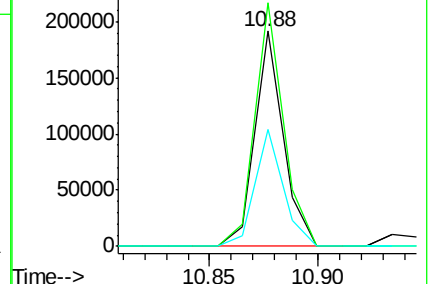
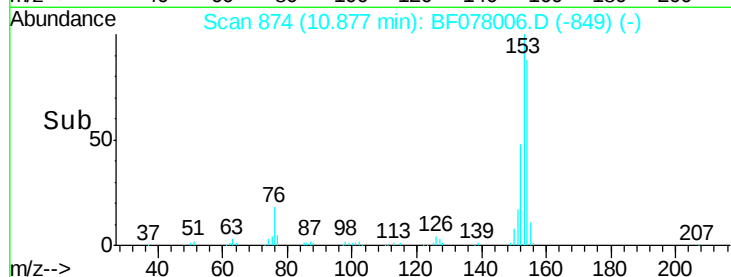
152 54.3 42.6 63.8



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: 14.70 ng

RT: 10.80 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

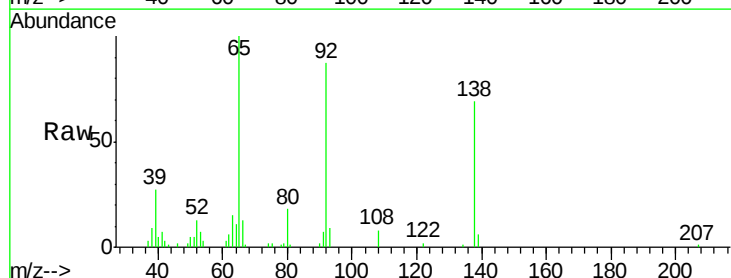
Tgt Ion:138 Resp: 21300

Ion Ratio Lower Upper

138 100

108 11.5 7.3 10.9#

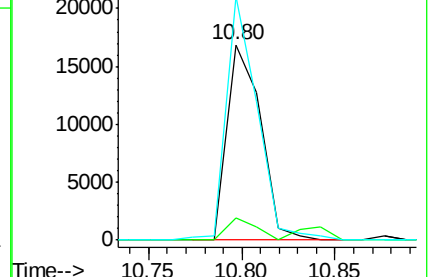
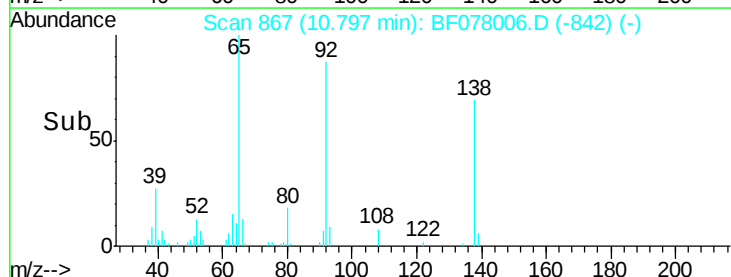
92 124.7 76.6 114.8#

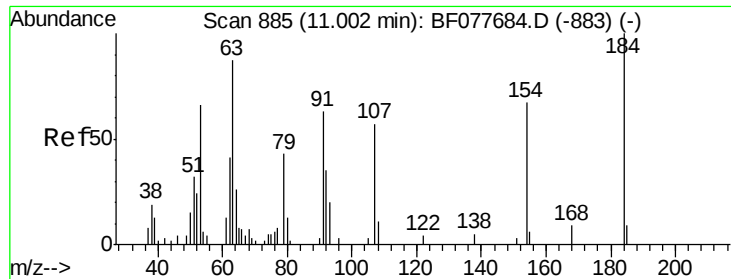


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

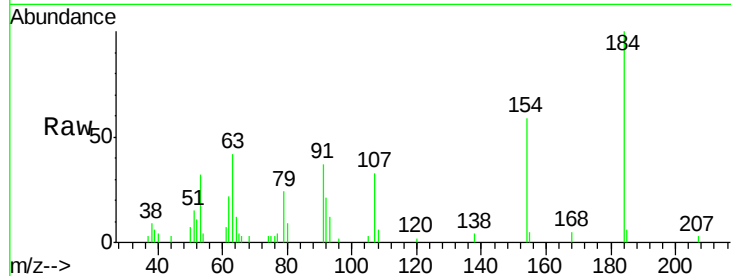




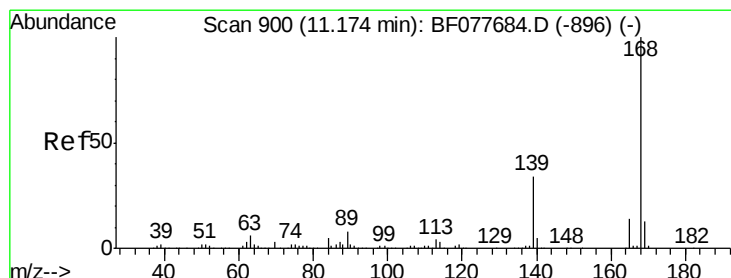
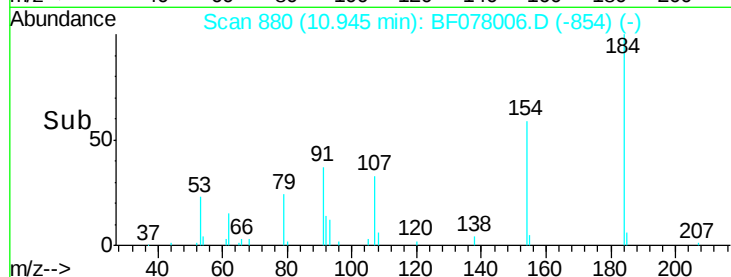
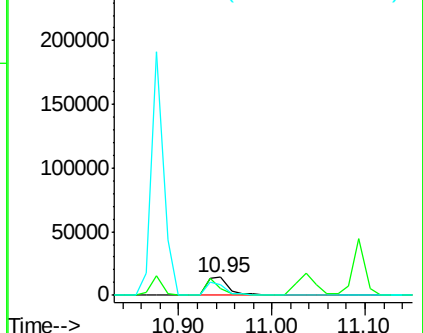
#53
2,4-Dinitrophenol
Concen: 57.07 ng
RT: 10.95 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tgt Ion:184 Resp: 24982
Ion Ratio Lower Upper
184 100
63 42.0 69.2 103.8#
154 58.5 53.3 79.9

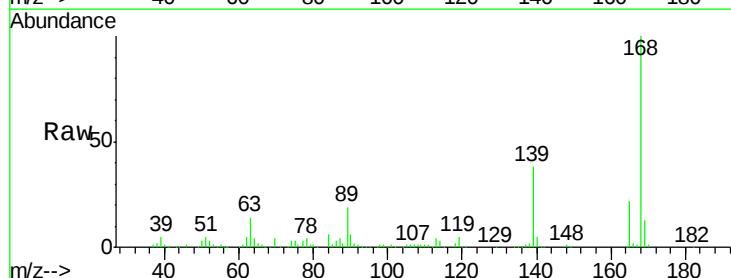


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

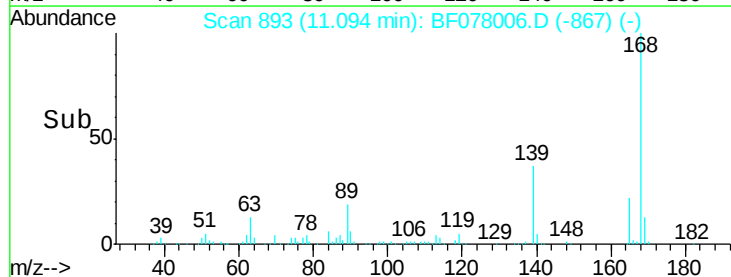
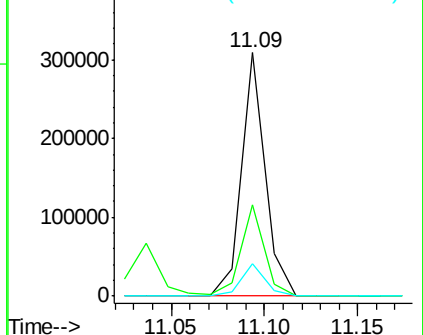


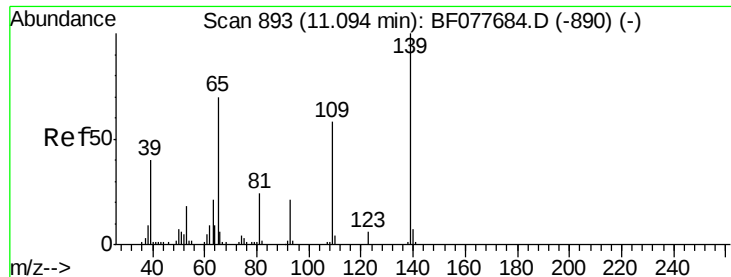
#54
Dibenzofuran
Concen: 36.63 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:168 Resp: 273121
Ion Ratio Lower Upper
168 100
139 37.5 27.3 40.9
169 13.3 10.6 16.0



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

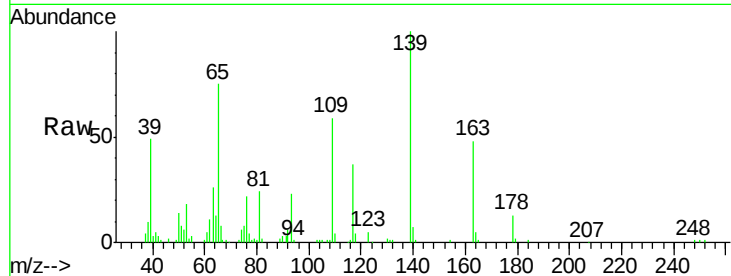




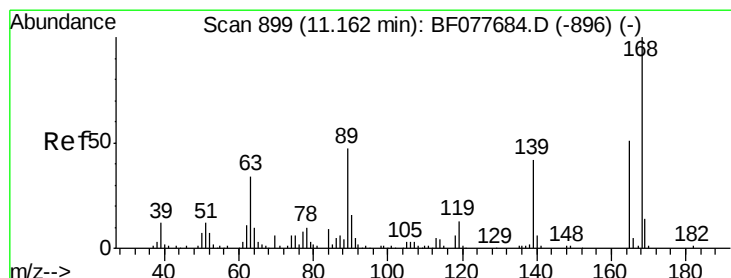
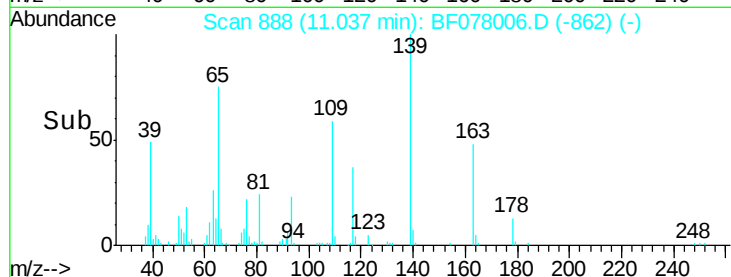
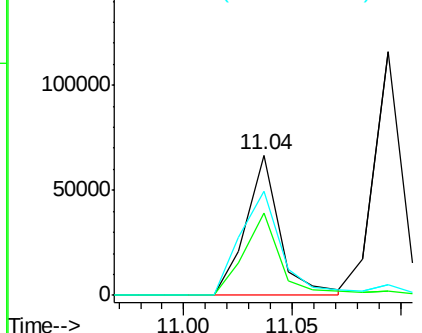
#55
4-Nitrophenol
Concen: 68.17 ng
RT: 11.04 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tgt Ion:139 Resp: 73174
Ion Ratio Lower Upper
139 100
109 59.1 37.7 77.7
65 74.6 49.9 89.9

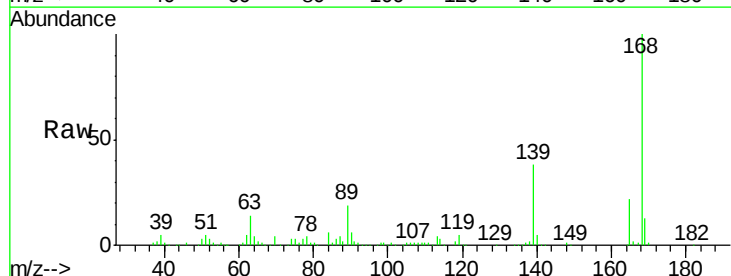


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

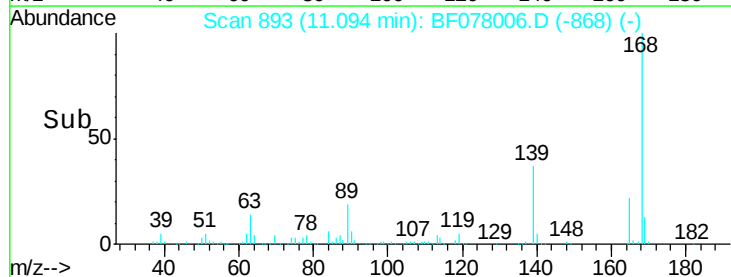
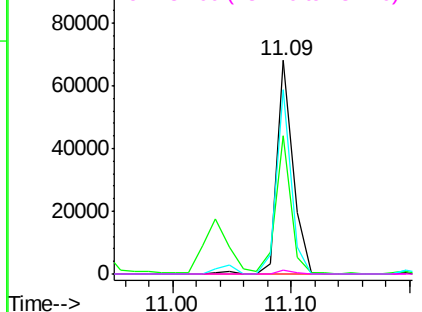


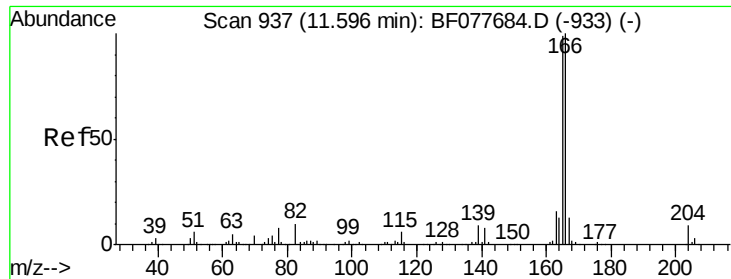
#56
2,4-Dinitrotoluene
Concen: 39.07 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:165 Resp: 63570
Ion Ratio Lower Upper
165 100
63 64.8 52.4 78.6
89 86.3 72.4 108.6
182 2.0 2.0 3.0



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

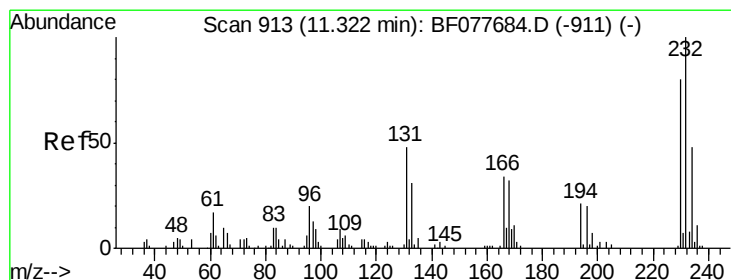
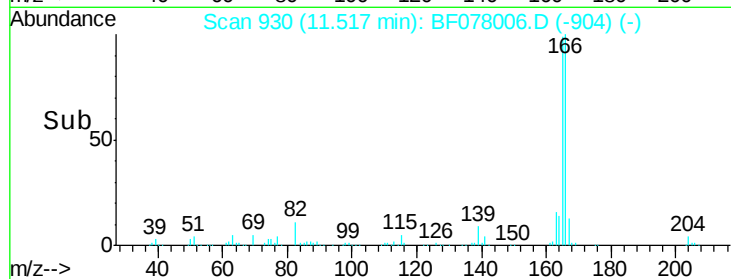
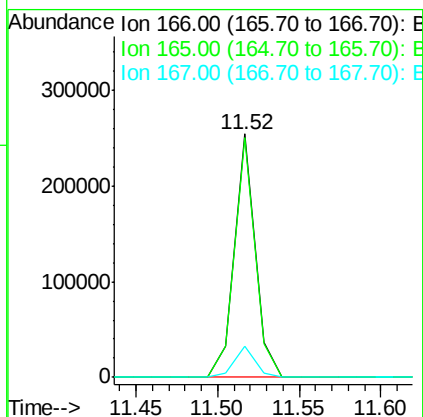
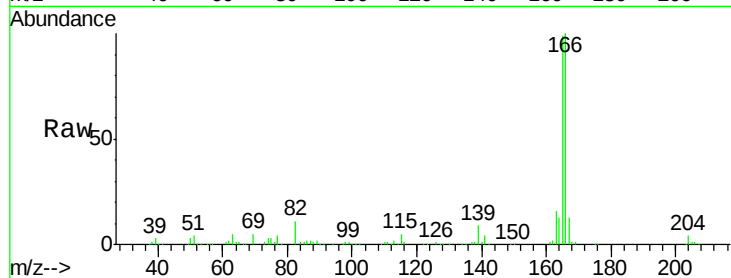




#57
 Fluorene
 Concen: 36.07 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

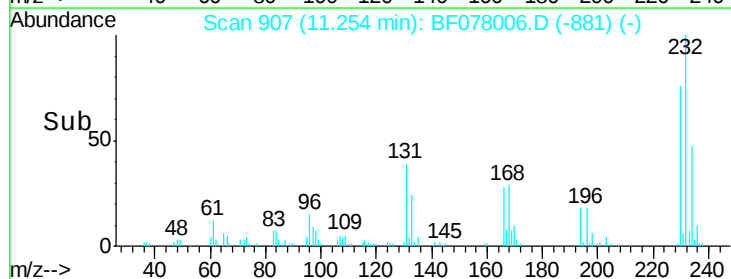
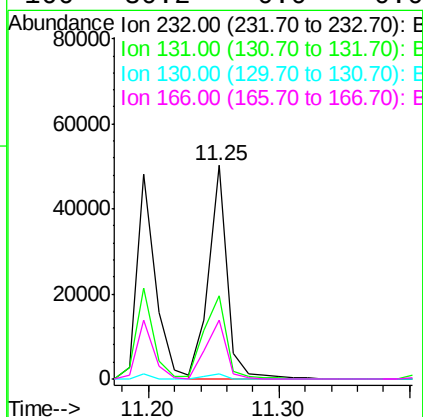
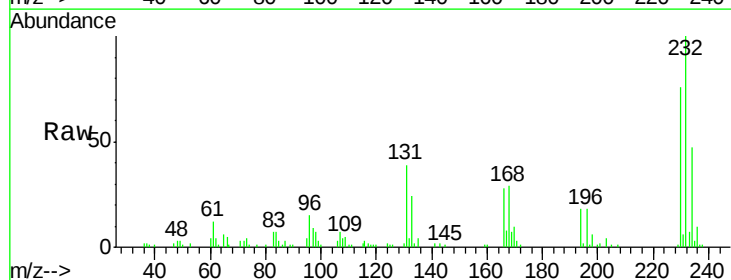
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

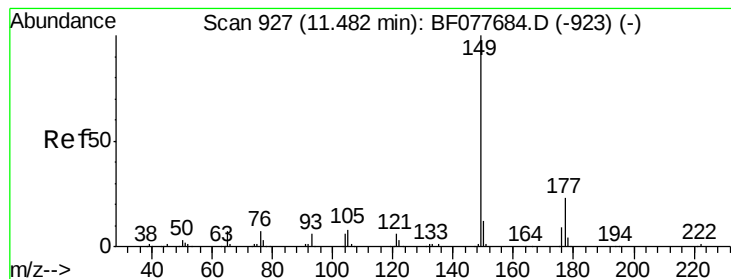
Tgt Ion:166 Resp: 223305
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.0 118.4
 167 12.7 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.12 ng
 RT: 11.25 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:232 Resp: 50379
 Ion Ratio Lower Upper
 232 100
 131 46.4 0.0 0.0#
 130 2.2 0.0 0.0#
 166 30.2 0.0 0.0#





#59

Diethylphthalate

Concen: 35.93 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

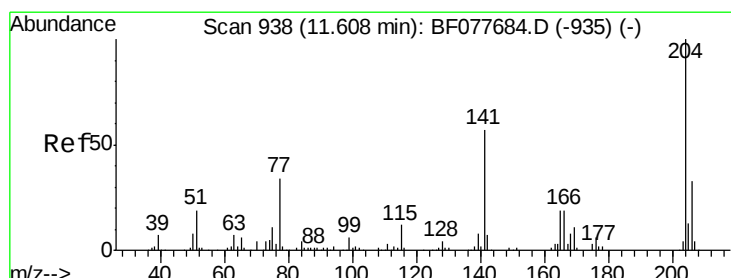
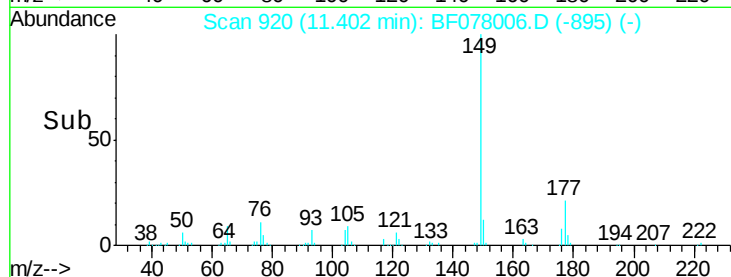
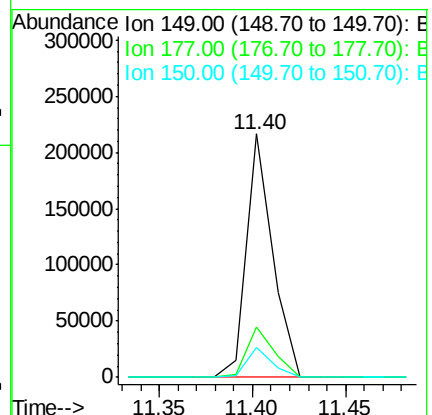
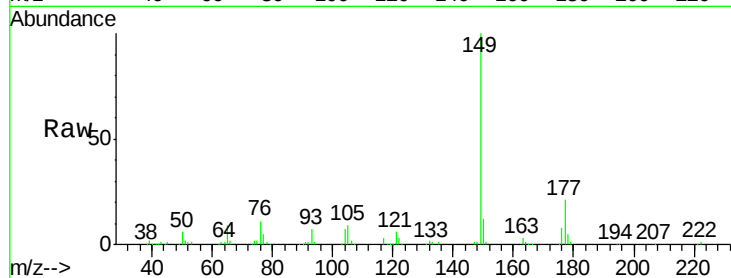
Tgt Ion:149 Resp: 210752

Ion Ratio Lower Upper

149 100

177 20.6 18.3 27.5

150 12.3 9.8 14.8



#60

4-Chlorophenyl-phenylether

Concen: 35.98 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

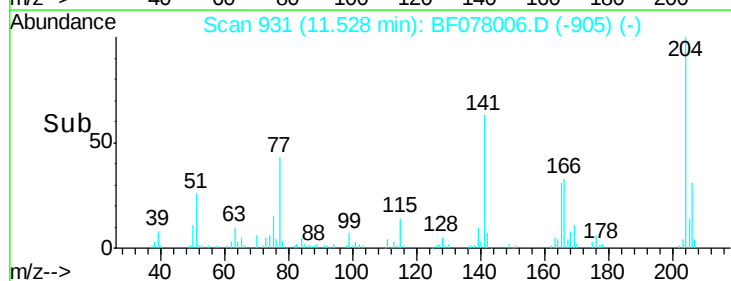
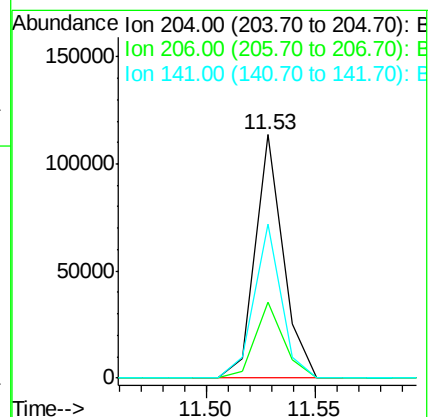
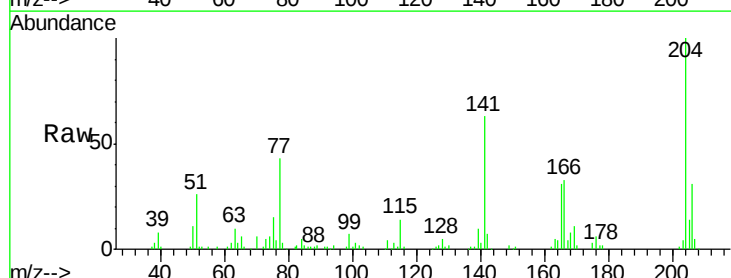
Tgt Ion:204 Resp: 101652

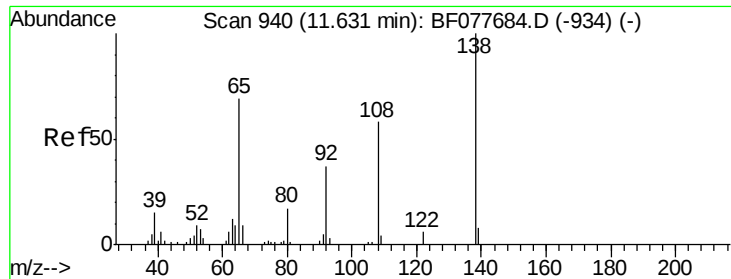
Ion Ratio Lower Upper

204 100

206 31.3 26.6 39.8

141 63.5 45.2 67.8

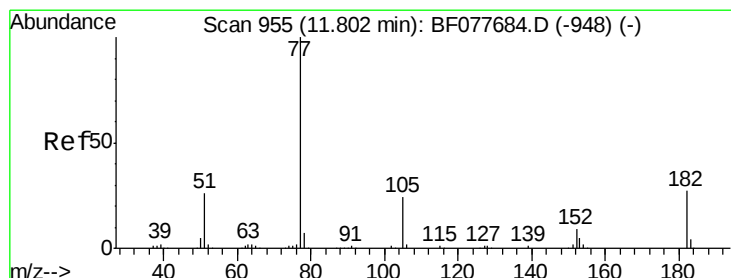
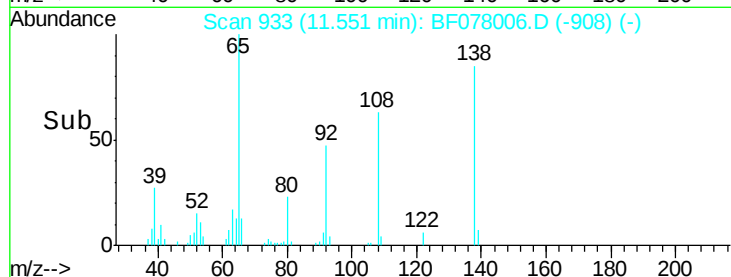
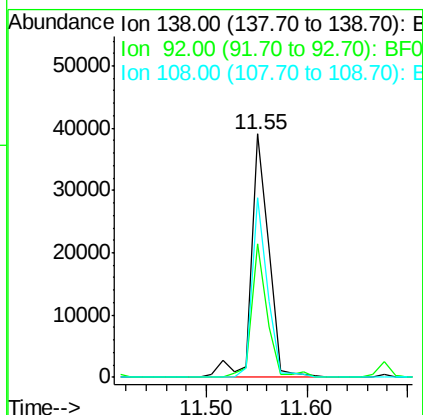
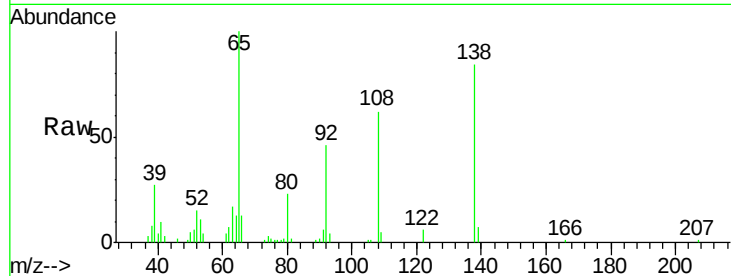




#61
4-Nitroaniline
Concen: 32.25 ng
RT: 11.55 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

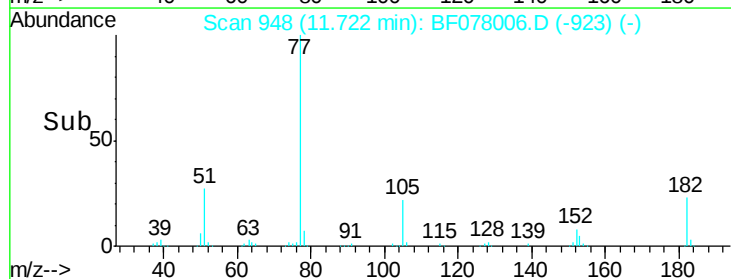
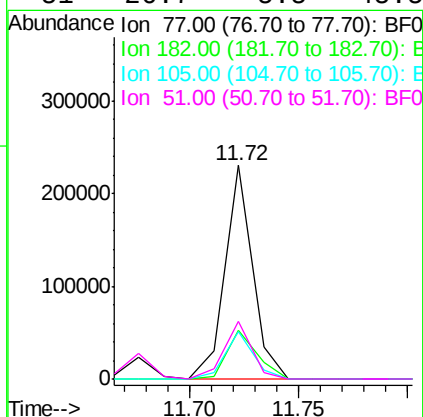
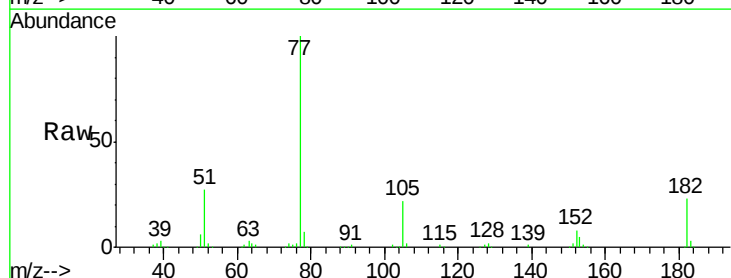
Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tgt Ion: 138 Resp: 46575
Ion Ratio Lower Upper
138 100
92 54.7 16.7 56.7
108 73.6 37.6 77.6



#62
Azobenzene
Concen: 36.26 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion: 77 Resp: 203234
Ion Ratio Lower Upper
77 100
182 22.7 6.5 46.5
105 22.3 3.8 43.8
51 26.7 5.5 45.5

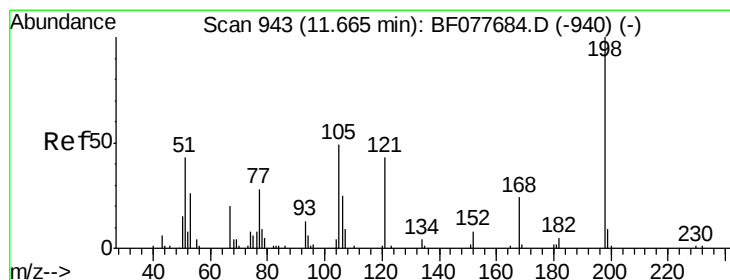
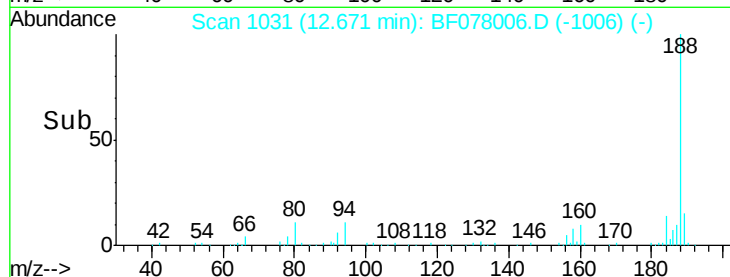
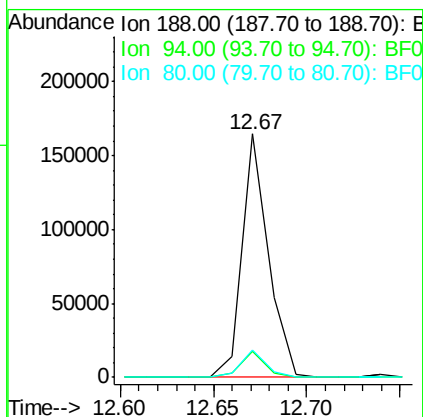
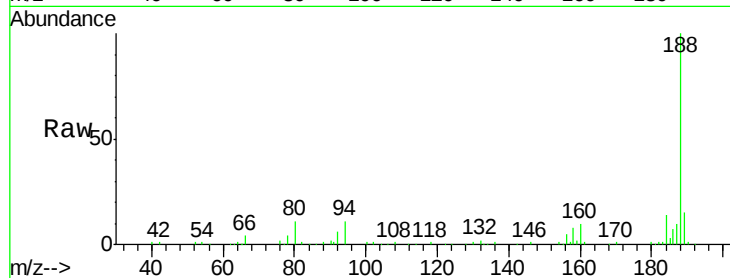




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

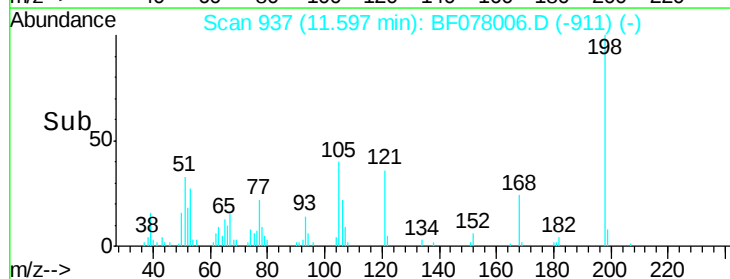
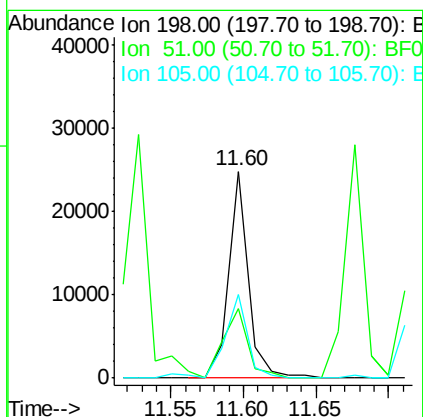
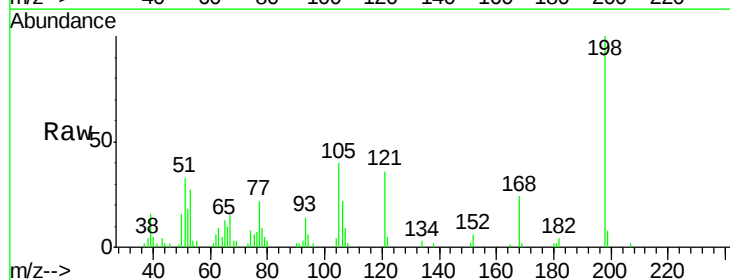
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

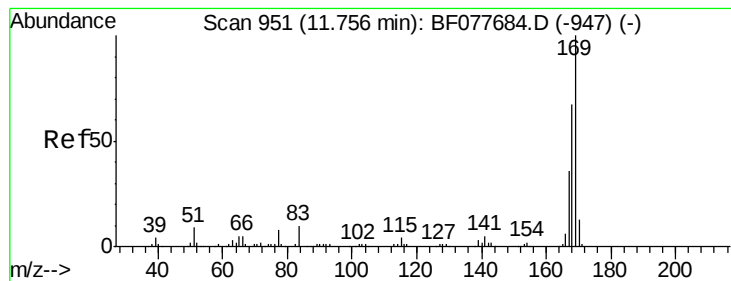
Tgt Ion:188 Resp: 160472
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.7 13.1
 80 11.2 9.3 13.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.41 ng
 RT: 11.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:198 Resp: 23394
 Ion Ratio Lower Upper
 198 100
 51 33.4 28.8 68.8
 105 40.4 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 34.97 ng

RT: 11.68 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

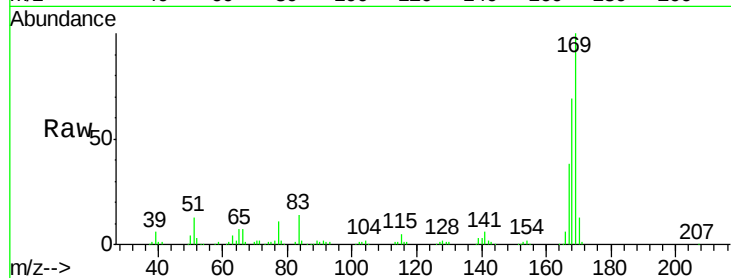
Tgt Ion:169 Resp: 186845

Ion Ratio Lower Upper

169 100

168 68.8 53.9 80.9

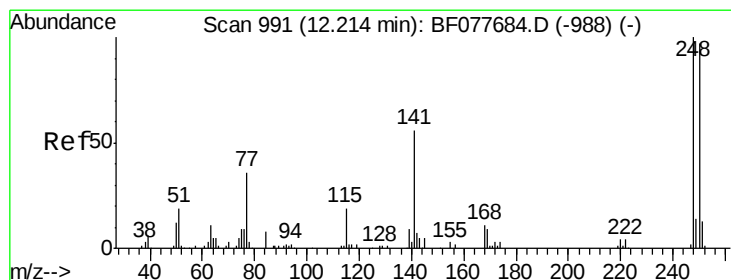
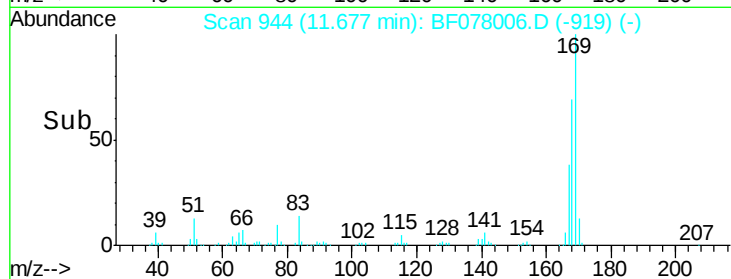
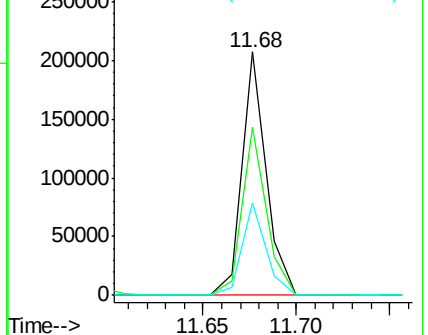
167 37.9 28.9 43.3



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: 35.52 ng

RT: 12.13 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

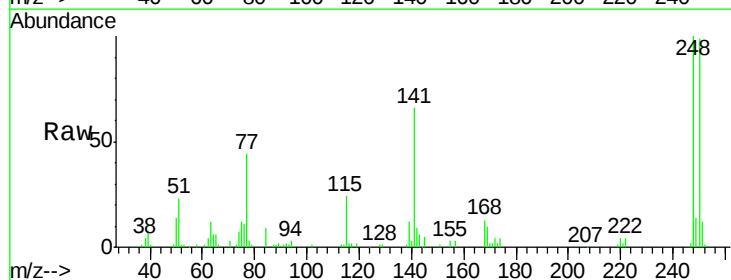
Tgt Ion:248 Resp: 60828

Ion Ratio Lower Upper

248 100

250 98.9 77.4 116.0

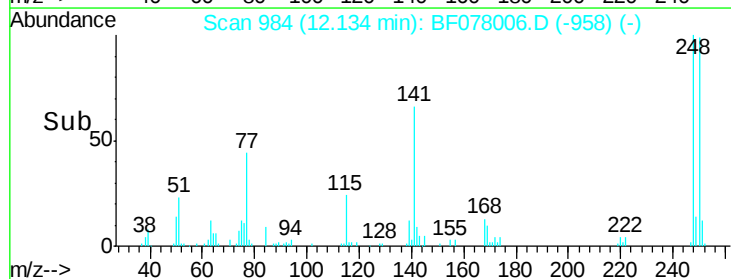
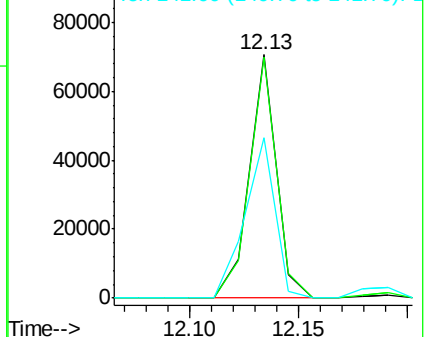
141 66.1 45.2 67.8

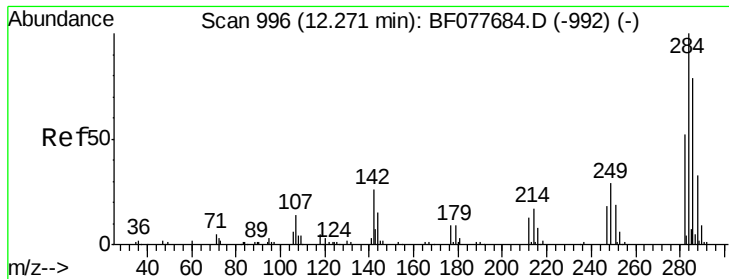


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

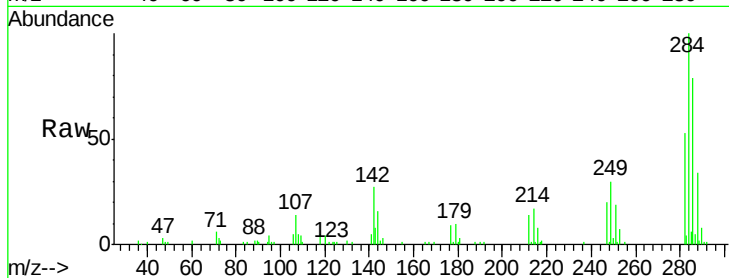




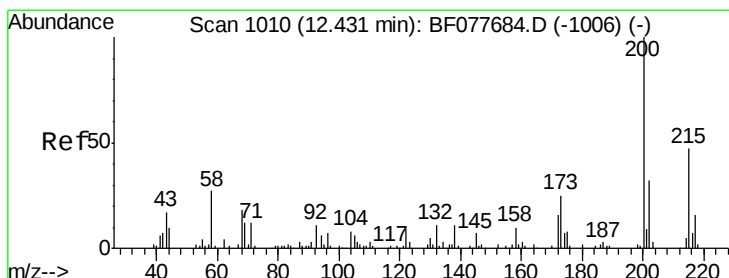
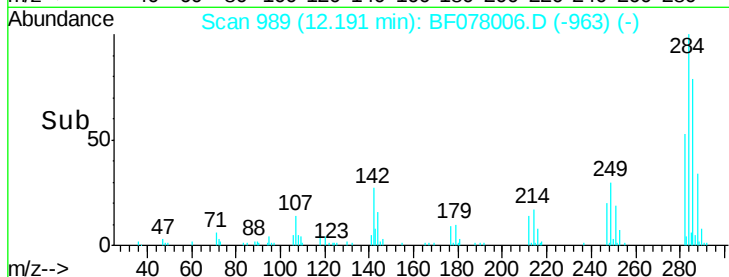
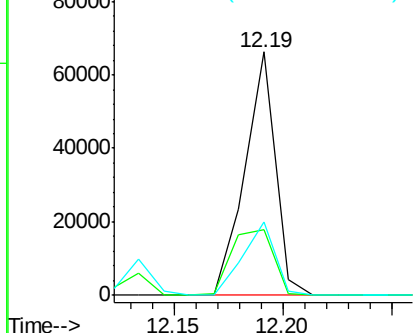
#67
Hexachlorobenzene
Concen: 34.25 ng
RT: 12.19 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tgt Ion:284 Resp: 64450
Ion Ratio Lower Upper
284 100
142 26.9 20.4 30.6
249 30.1 23.8 35.6

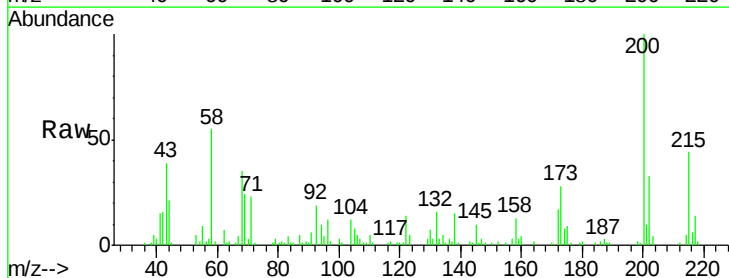


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

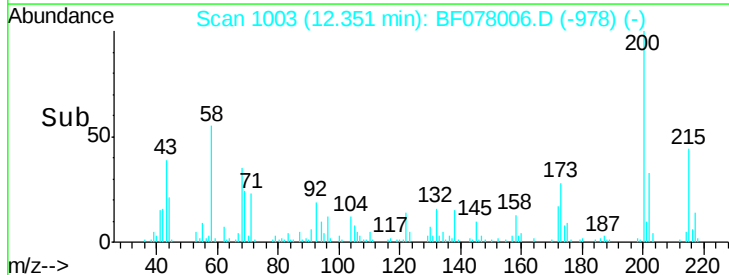
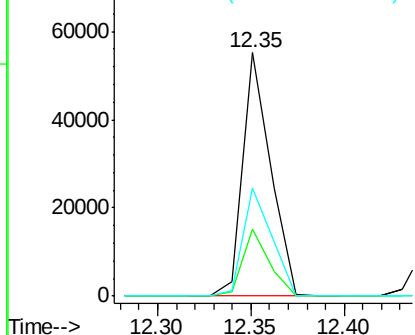


#68
Atrazine
Concen: 38.18 ng
RT: 12.35 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:200 Resp: 57169
Ion Ratio Lower Upper
200 100
173 27.7 4.8 44.8
215 44.1 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

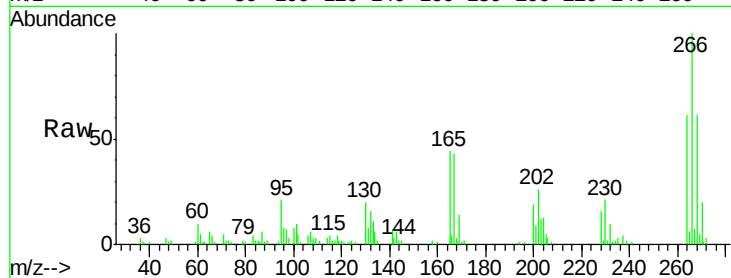




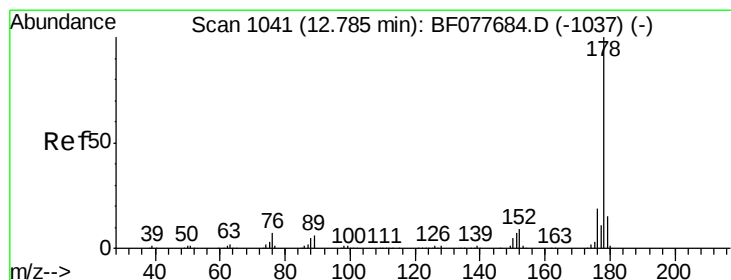
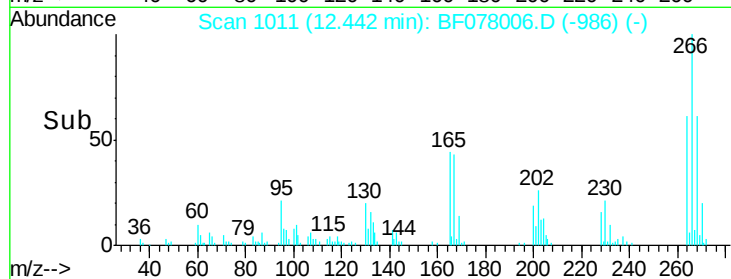
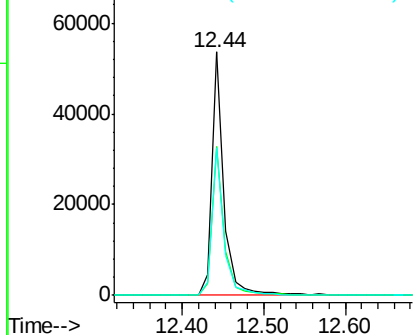
#69
 Pentachlorophenol
 Concen: 56.89 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tgt Ion:266 Resp: 55158
 Ion Ratio Lower Upper
 266 100
 268 60.9 52.0 78.0
 264 60.8 49.0 73.4

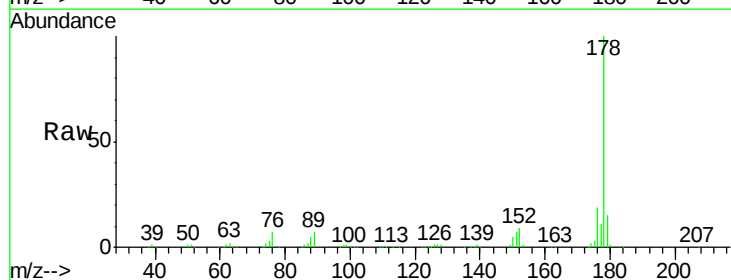


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

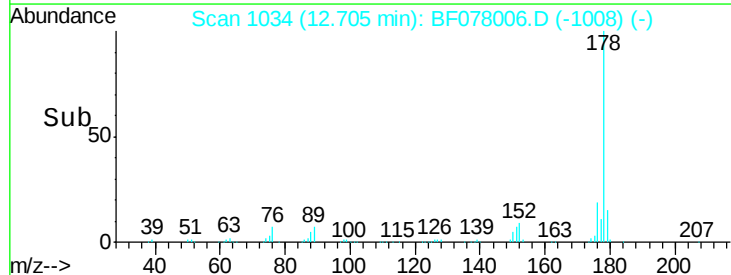
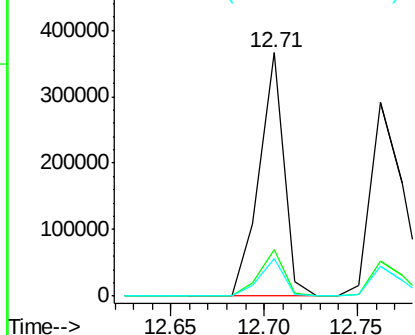


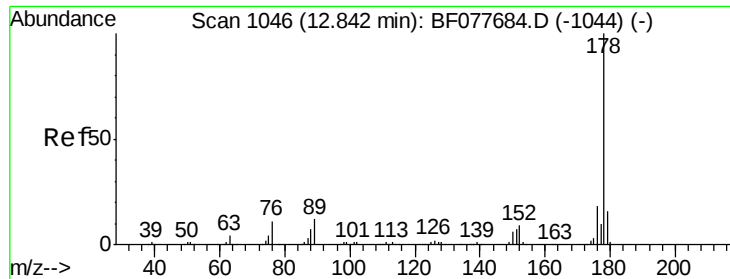
#70
 Phenanthrene
 Concen: 37.16 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:178 Resp: 342291
 Ion Ratio Lower Upper
 178 100
 176 19.1 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

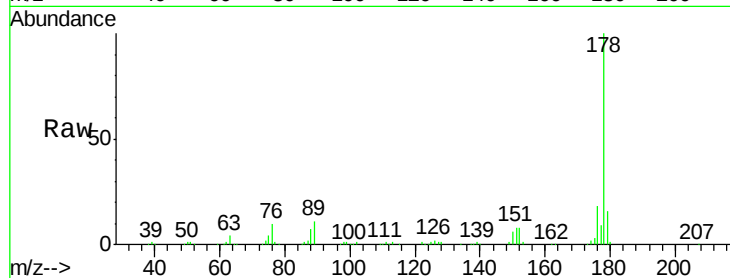




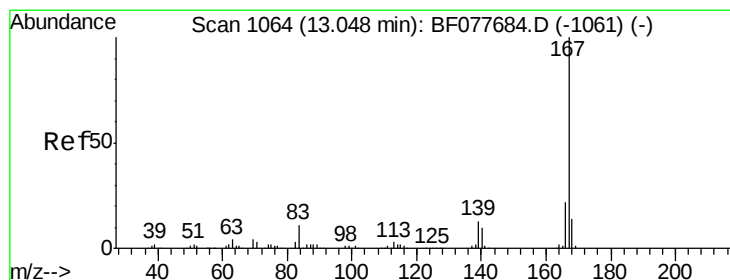
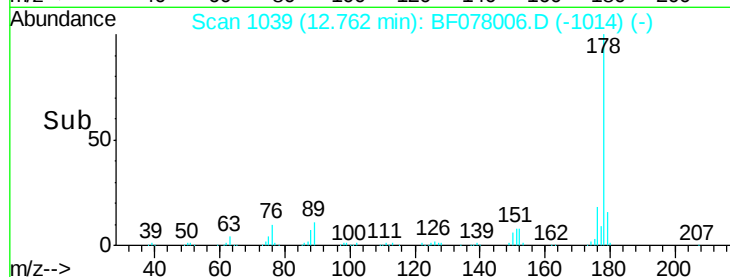
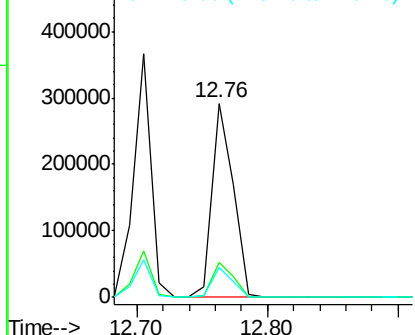
#71
 Anthracene
 Concen: 36.38 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tgt Ion:178 Resp: 331070
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.6 12.6 19.0

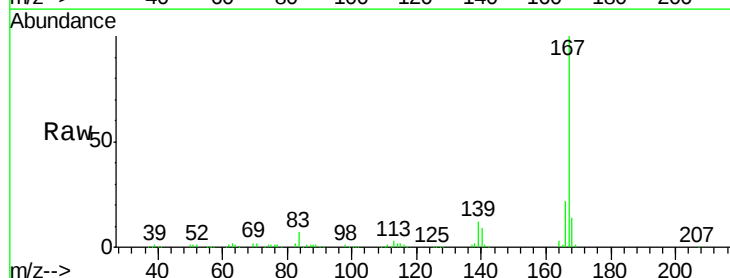


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

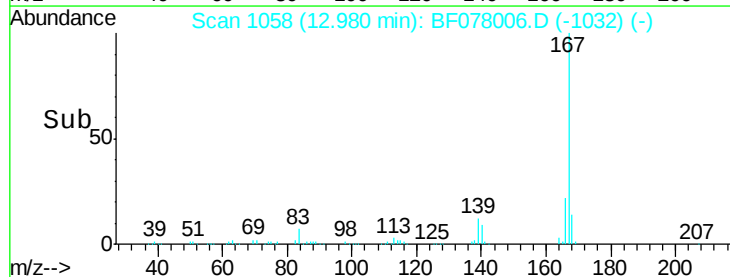
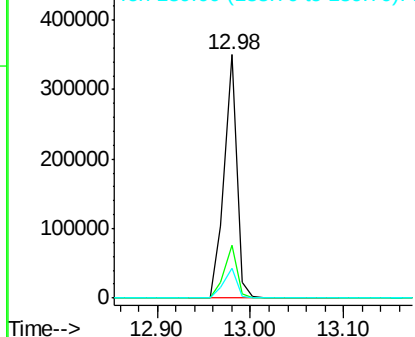


#72
 Carbazole
 Concen: 38.33 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:167 Resp: 331830
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.4 10.8 16.2



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

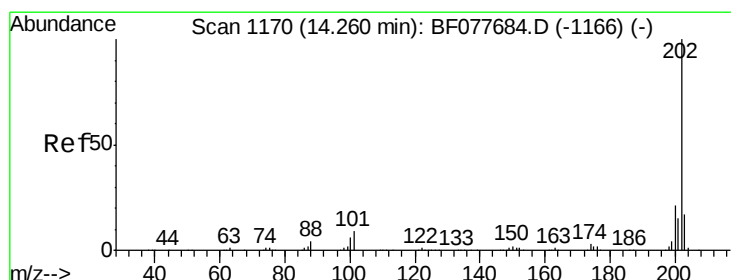
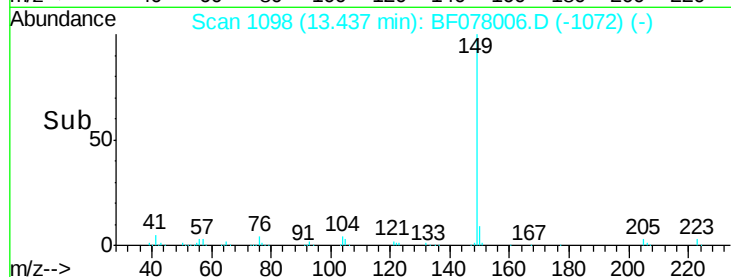
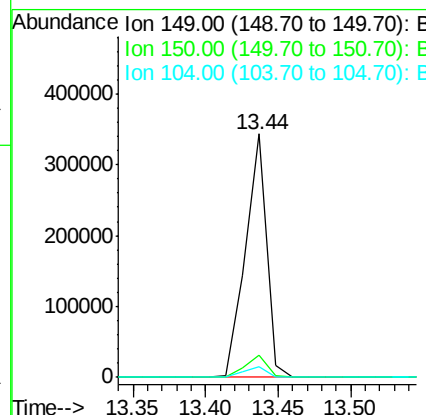
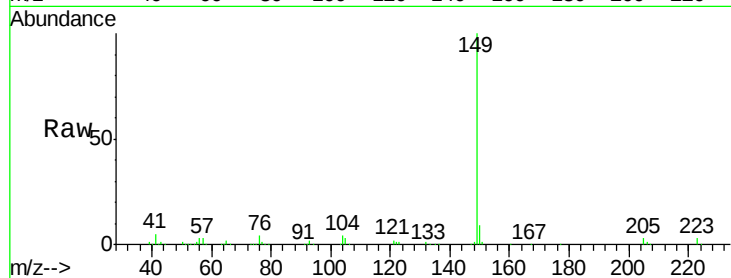




#73
Di-n-butylphthalate
Concen: 35.71 ng
RT: 13.44 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

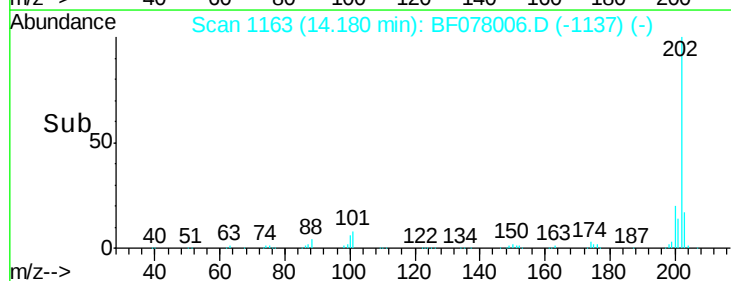
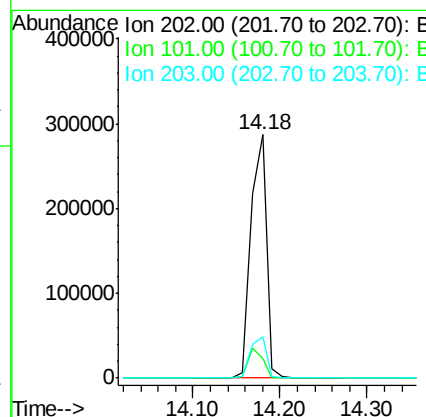
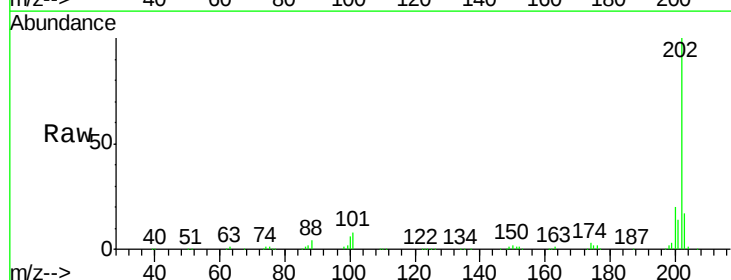
Instrument :
BNA_F
ClientSampleId :
PB82320BS

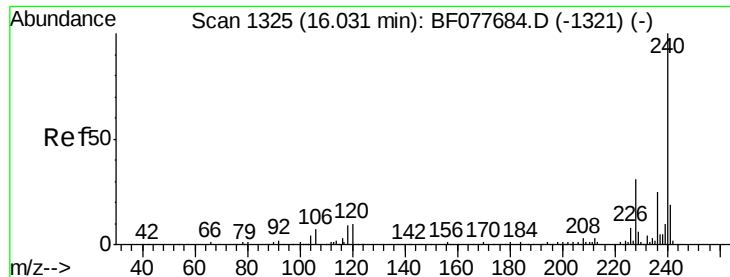
Tgt Ion:149 Resp: 346620
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 4.2 3.7 5.5



#74
Fluoranthene
Concen: 35.72 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:202 Resp: 362938
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 17.2 0.0 37.2

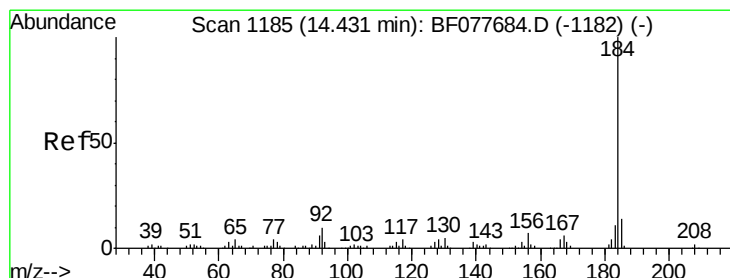
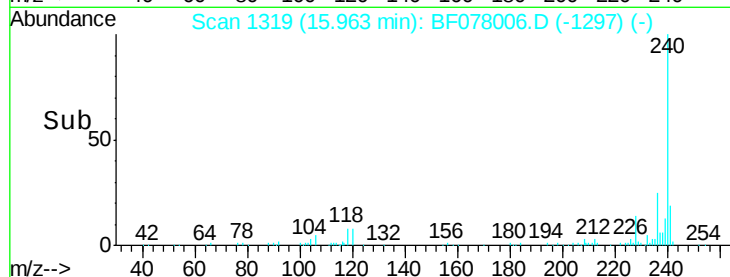
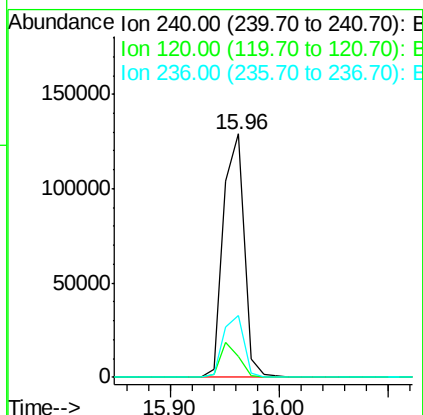
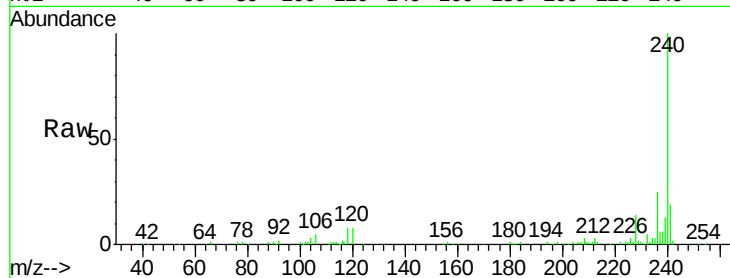




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

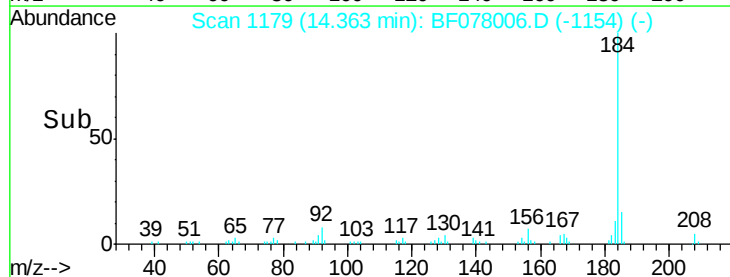
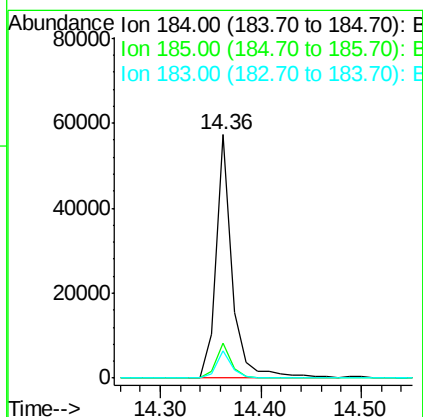
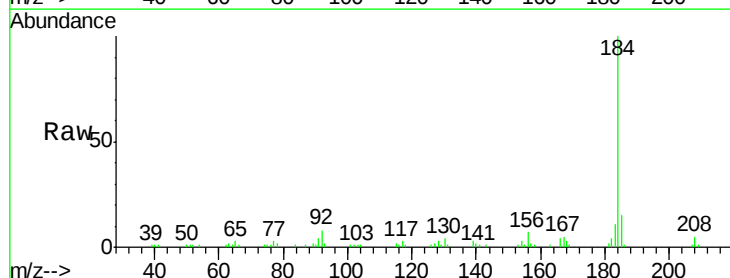
Instrument :
BNA_F
ClientSampleId :
PB82320BS

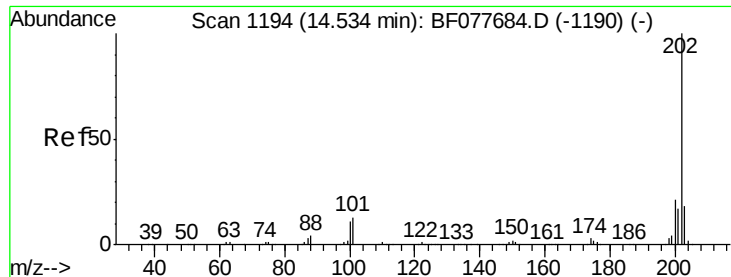
Tgt Ion:240 Resp: 171849
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.2
236 25.3 20.0 30.0



#76
Benzidine
Concen: 14.77 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:184 Resp: 64111
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 11.4 8.9 13.3

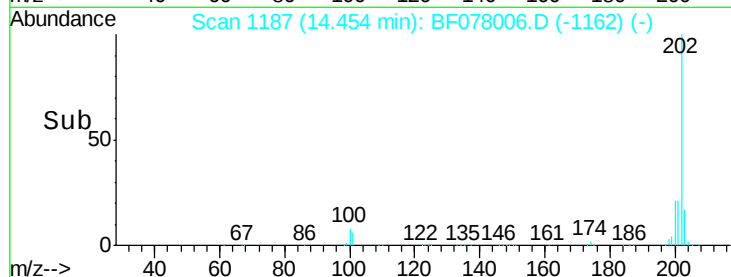
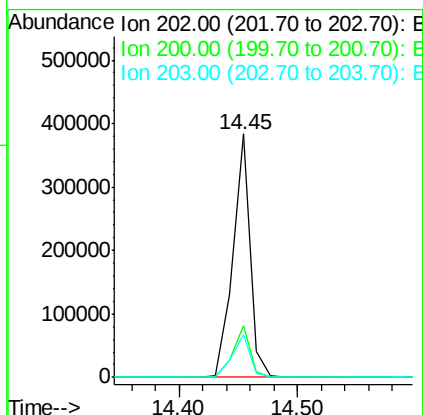
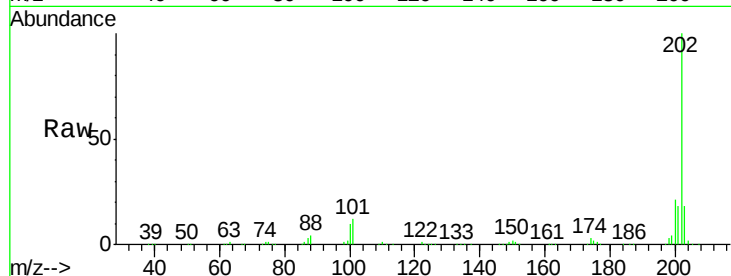




#77
 Pyrene
 Concen: 35.59 ng
 RT: 14.45 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

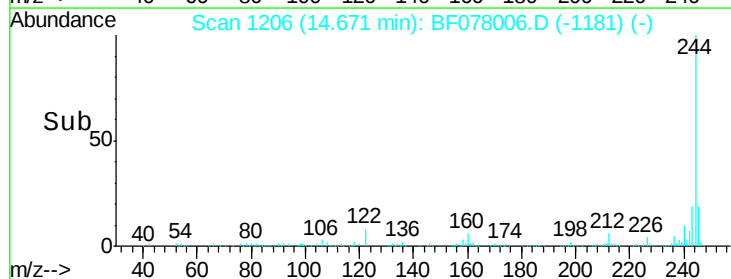
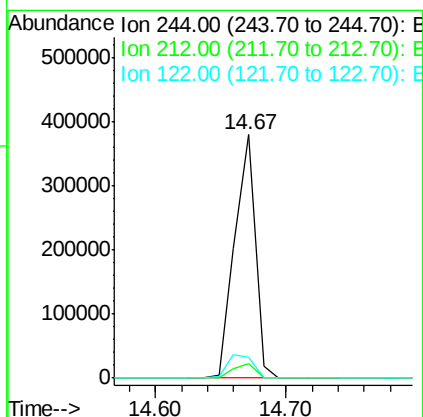
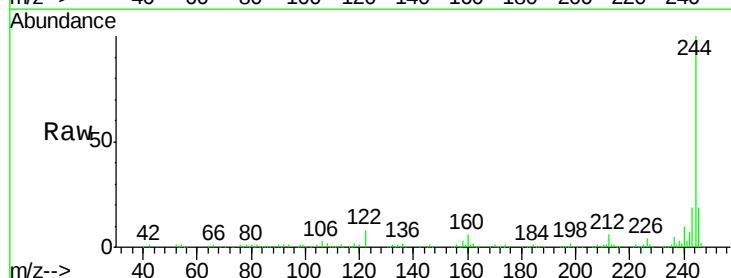
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.5	14.1	21.1



#78
 Terphenyl-d14
 Concen: 59.41 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	4.9	7.3
122	8.5	6.2	9.4

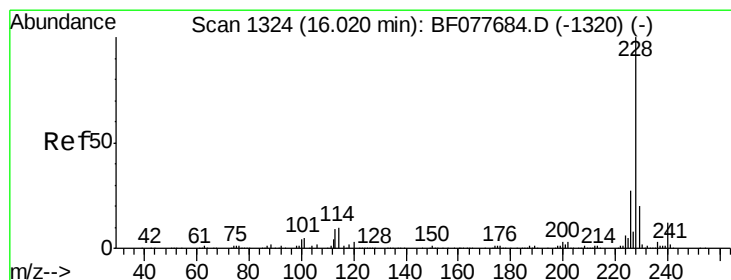
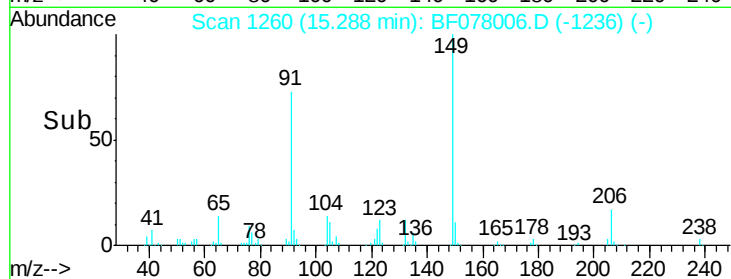
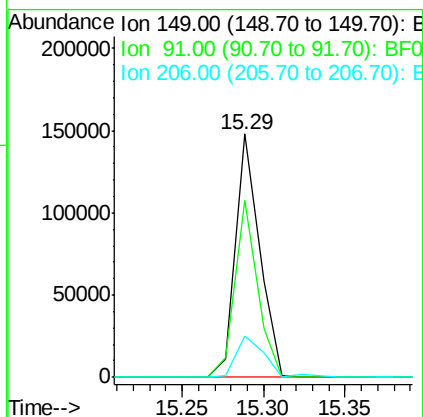
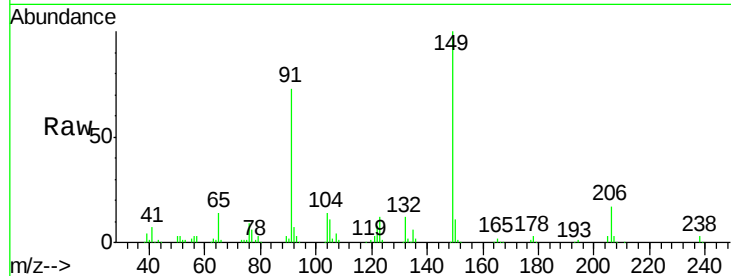




#79
Butylbenzylphthalate
Concen: 35.30 ng
RT: 15.29 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

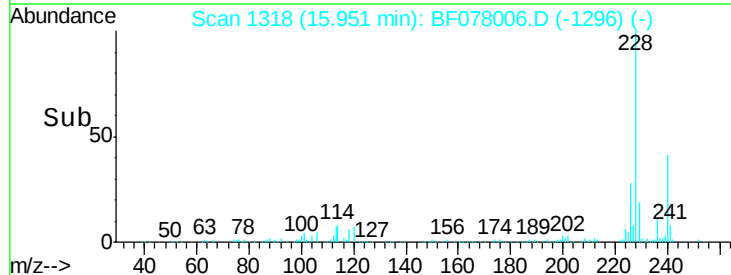
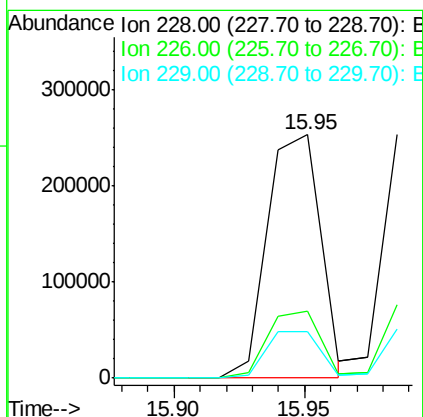
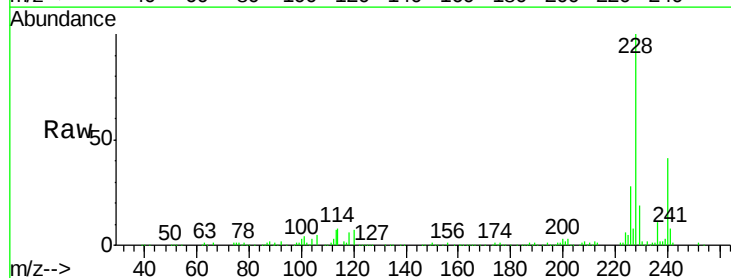
Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tgt Ion:149 Resp: 150420
Ion Ratio Lower Upper
149 100
91 72.9 50.1 75.1
206 16.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 35.38 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:228 Resp: 360374
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.4 16.0 24.0

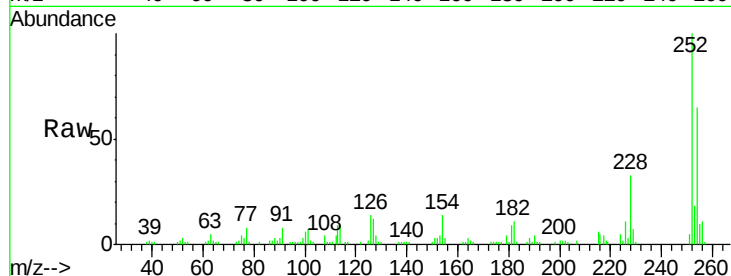




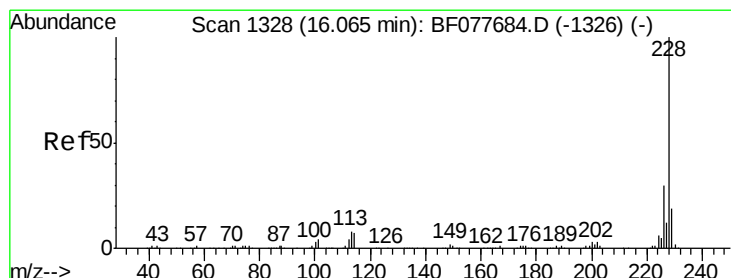
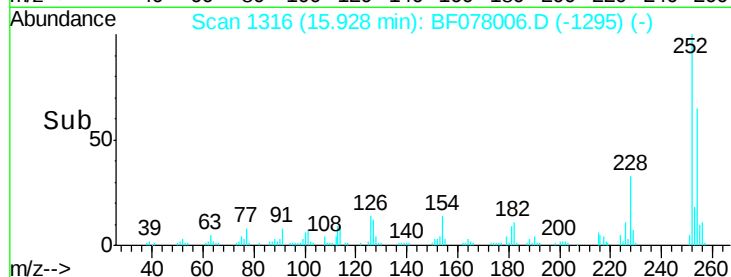
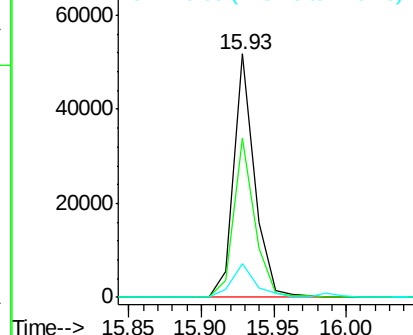
#81
 3,3'-Dichlorobenzidine
 Concen: 15.50 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.06 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	13.8	9.8	14.8

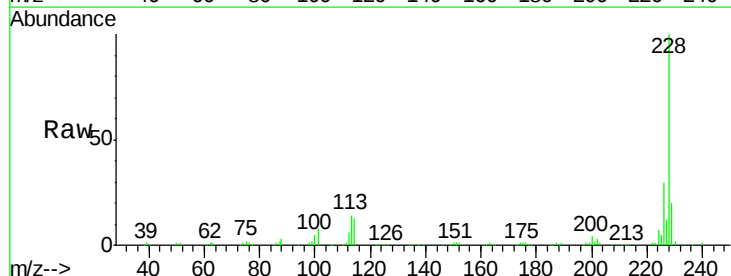


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

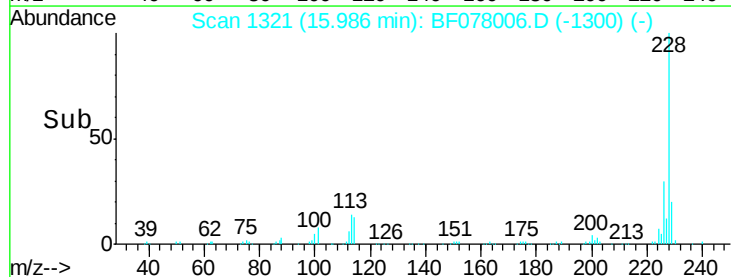
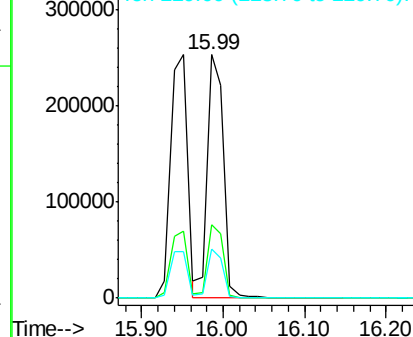


#82
 Chrysene
 Concen: 38.89 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	20.3	15.5	23.3



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

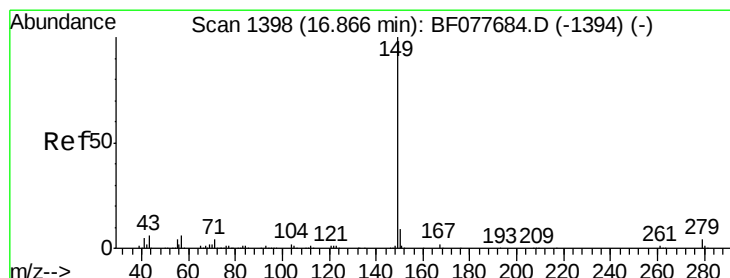
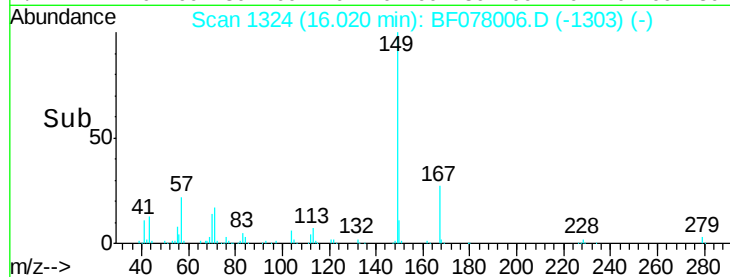
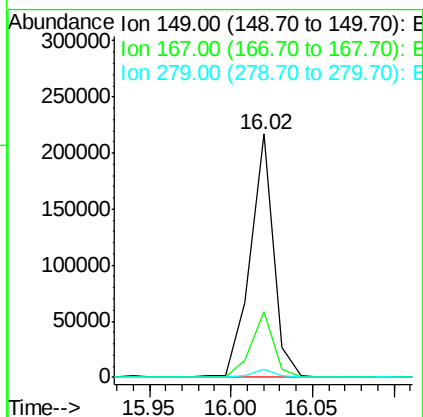
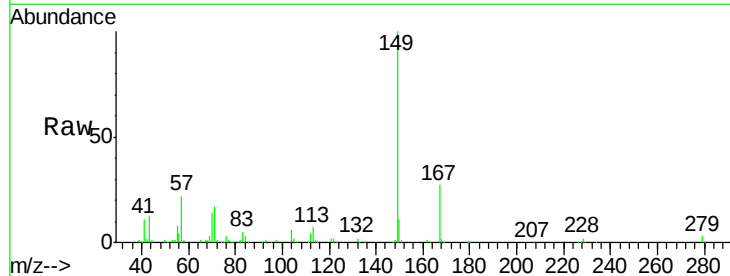




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.27 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.06 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

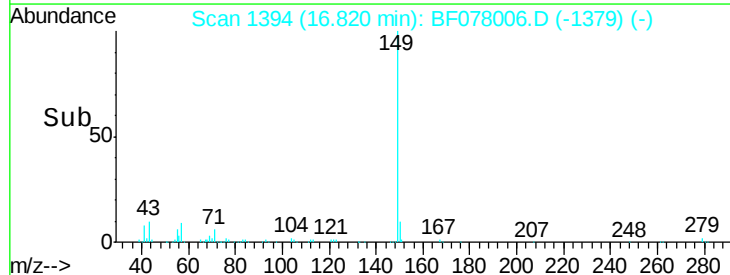
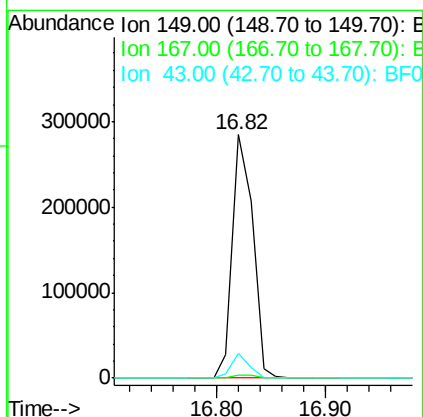
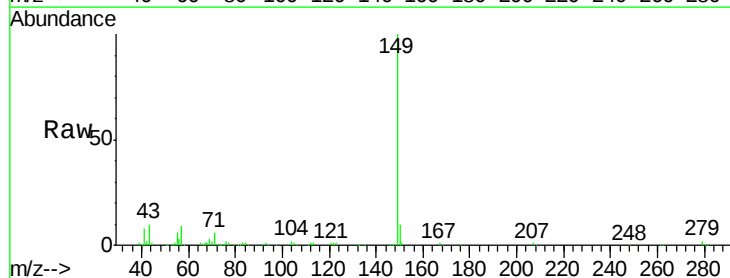
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tgt Ion:149 Resp: 214739
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.4 33.6
 279 3.3 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 33.14 ng
 RT: 16.82 min Scan# 1394
 Delta R.T. -0.13 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion:149 Resp: 365719
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.0 7.3 10.9

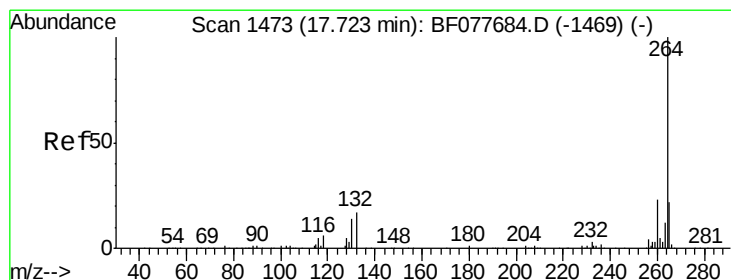
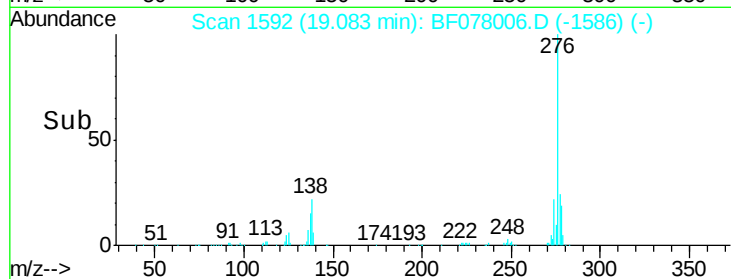
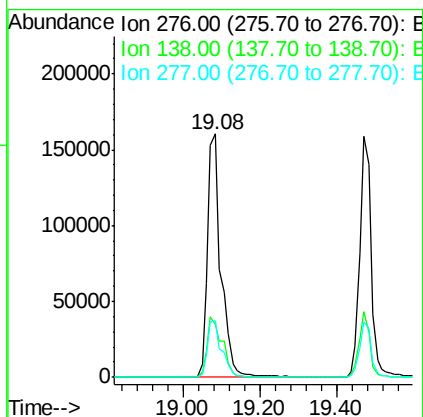
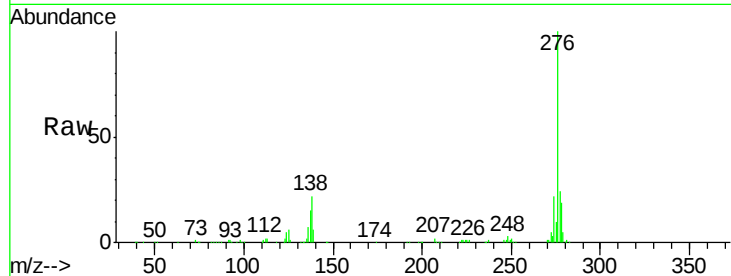




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.44 ng
 RT: 19.08 min Scan# 1592
 Delta R.T. -0.23 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

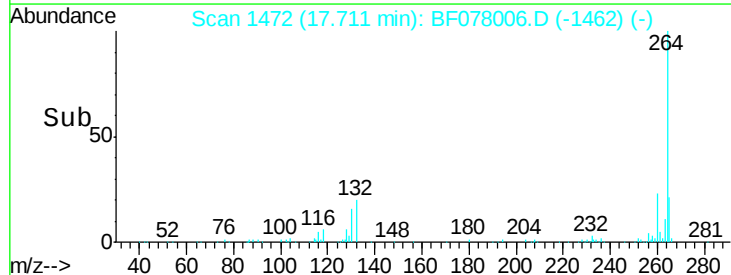
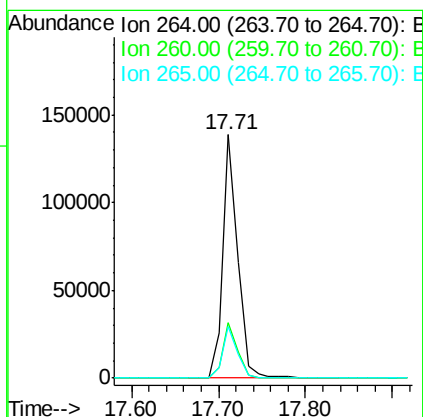
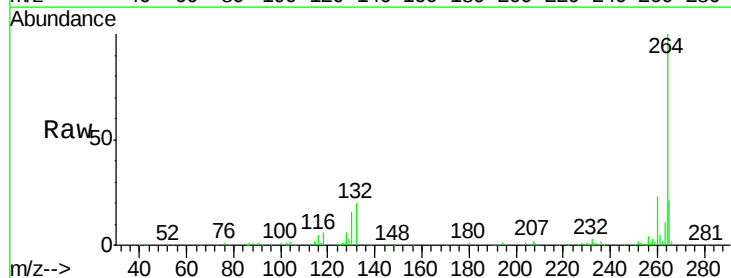
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

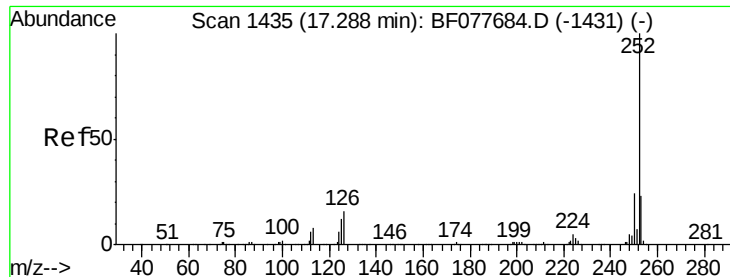
Tgt Ion: 276 Resp: 393709
 Ion Ratio Lower Upper
 276 100
 138 28.2 0.0 0.0#
 277 24.4 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1472
 Delta R.T. -0.18 min
 Lab File: BF078006.D
 Acq: 26 Mar 2015 20:24

Tgt Ion: 264 Resp: 167096
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.2 17.3 25.9

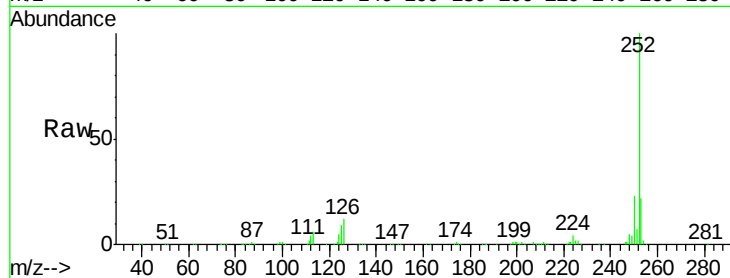




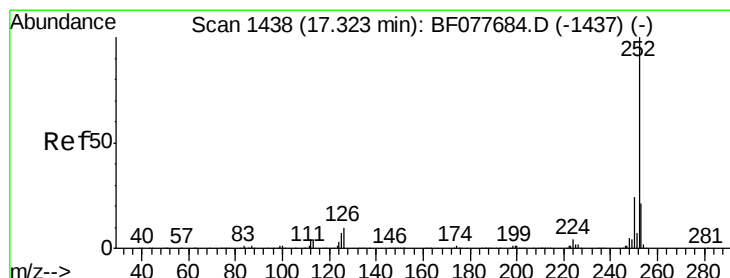
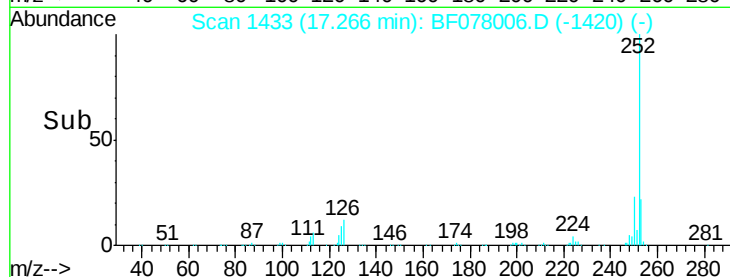
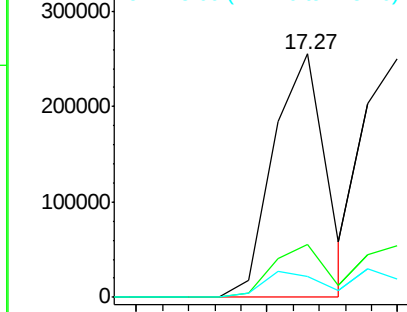
#87
Benzo(b)fluoranthene
Concen: 32.45 ng
RT: 17.27 min Scan# 1433
Delta R.T. -0.15 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tgt Ion:252 Resp: 354026
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.8 9.9 14.9#

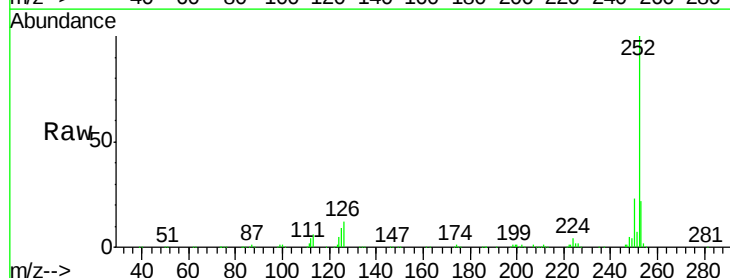


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

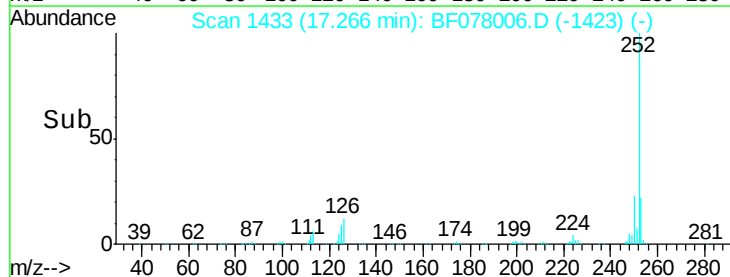
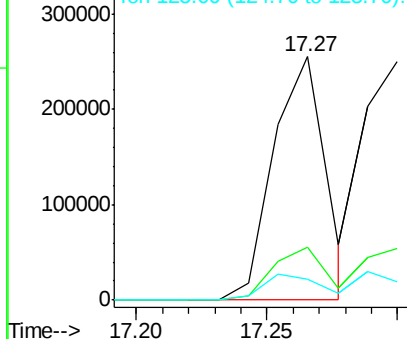


#88
Benzo(k)fluoranthene
Concen: 41.55 ng
RT: 17.27 min Scan# 1433
Delta R.T. -0.18 min
Lab File: BF078006.D
Acq: 26 Mar 2015 20:24

Tgt Ion:252 Resp: 354026
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.8 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.98 ng

RT: 17.65 min Scan# 1467

Delta R.T. -0.17 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS

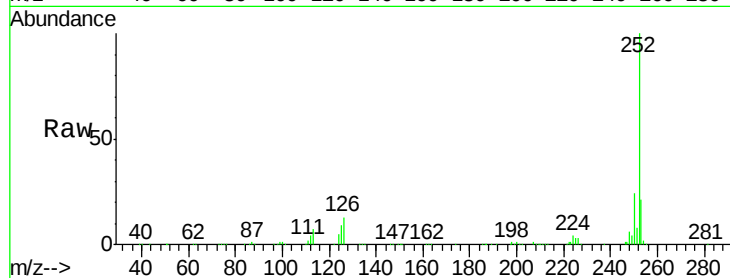
Tgt Ion:252 Resp: 345664

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

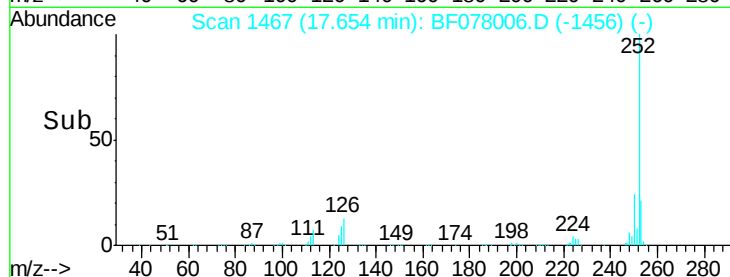
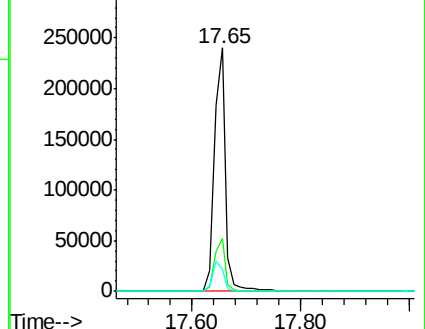
125 9.2 7.4 11.2



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: 35.93 ng

RT: 19.11 min Scan# 1594

Delta R.T. -0.24 min

Lab File: BF078006.D

Acq: 26 Mar 2015 20:24

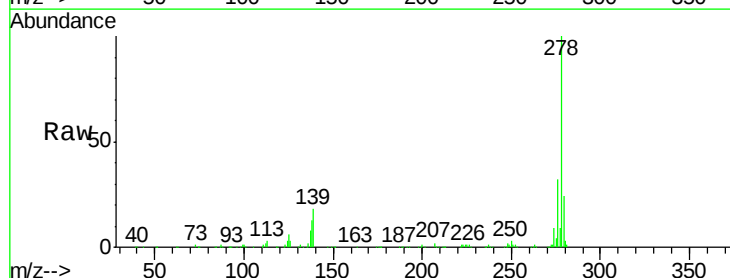
Tgt Ion:278 Resp: 324354

Ion Ratio Lower Upper

278 100

139 17.7 13.4 20.0

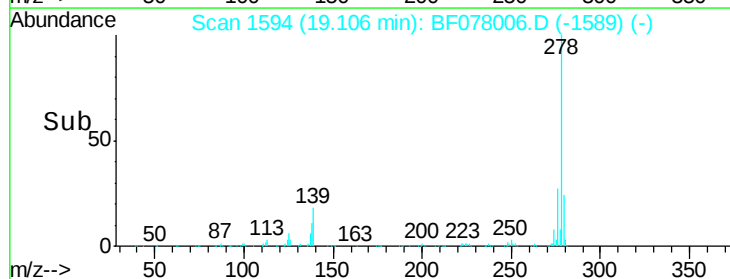
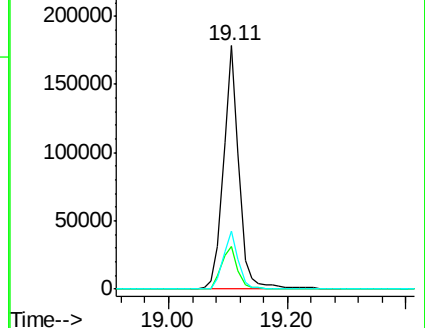
279 23.8 19.0 28.4

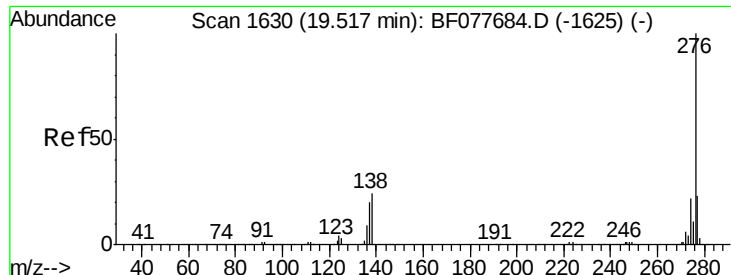


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.96 ng

RT: 19.47 min Scan# 1626

Delta R.T. -0.24 min

Lab File: BF078006.D

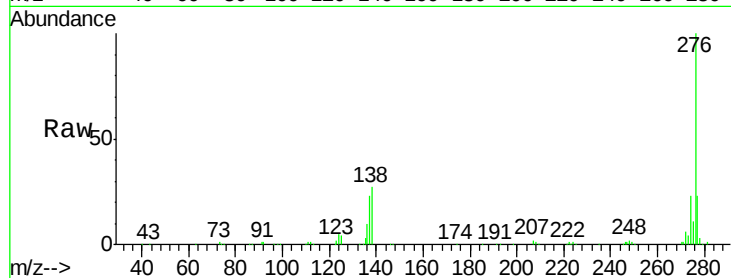
Acq: 26 Mar 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB82320BS



Tgt Ion:	276	Resp:	330484
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	27.1	19.0	28.6

