

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078007.D
 Acq On : 26 Mar 2015 20:53
 Operator : TP/IZ
 Sample : PB82320BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Quant Time: Mar 27 00:26:36 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	40039	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	167141	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	82539	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	165135	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	178045	20.00	ng	-0.05
86) Perylene-d12	17.71	264	170196	20.00	ng	-0.18

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	163268	71.18	ng	0.00
7) Phenol-d6	6.67	99	208919	73.72	ng	-0.01
23) Nitrobenzene-d5	7.79	82	156883	61.53	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	49325	62.46	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	358886	63.90	ng	0.00
78) Terphenyl-d14	14.67	244	423441	58.09	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	31282	30.04	ng	# 100
3) Pyridine	2.62	79	87639	31.32	ng	89
4) n-Nitrosodimethylamine	2.57	42	33921	27.84	ng	98
6) Aniline	6.68	93	26365	6.50	ng	# 1
8) 2-Chlorophenol	6.83	128	94822	34.73	ng	90
9) Benzaldehyde	6.54	77	3353	2.89	ng	90
10) Phenol	6.69	94	110074	32.86	ng	# 68
11) bis(2-Chloroethyl)ether	6.78	93	86404	34.43	ng	93
12) 1,3-Dichlorobenzene	7.01	146	99278	32.69	ng	99
13) 1,4-Dichlorobenzene	7.12	146	101089	32.04	ng	99
14) 1,2-Dichlorobenzene	7.30	146	95405	32.98	ng	99
15) Benzyl Alcohol	7.29	79	72764	32.89	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.46	45	112288	33.21	ng	98
17) 2-Methylphenol	7.44	107	76055	34.22	ng	97
18) Hexachloroethane	7.71	117	34642	33.47	ng	92
19) n-Nitroso-di-n-propylamine	7.62	70	65582	33.45	ng	# 93
20) 3+4-Methylphenols	7.63	107	103548	35.50	ng	92
22) Acetophenone	7.61	105	129845	35.09	ng	# 93
24) Nitrobenzene	7.81	77	95901	34.91	ng	90
25) Isophorone	8.11	82	166249	32.29	ng	94
26) 2-Nitrophenol	8.20	139	42796	31.82	ng	# 77
27) 2,4-Dimethylphenol	8.28	122	88022	35.93	ng	96
28) bis(2-Chloroethoxy)methane	8.40	93	107730	34.47	ng	99
29) 2,4-Dichlorophenol	8.51	162	82411	35.29	ng	98
30) 1,2,4-Trichlorobenzene	8.60	180	82988	31.76	ng	98
31) Naphthalene	8.69	128	275074	32.04	ng	100
32) Benzoic acid	8.40	122	31404	24.59	ng	92
33) 4-Chloroaniline	8.78	127	22592	6.48	ng	98
34) Hexachlorobutadiene	8.85	225	45925	31.01	ng	97
35) Caprolactam	9.20	113	24035	35.22	ng	91
36) 4-Chloro-3-methylphenol	9.39	107	79383	33.78	ng	# 83
37) 2-Methylnaphthalene	9.55	142	187051	32.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	80244	32.60	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	72365	59.56	ng	97

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 ALS Vial : 17 Sample Multiplier: 1

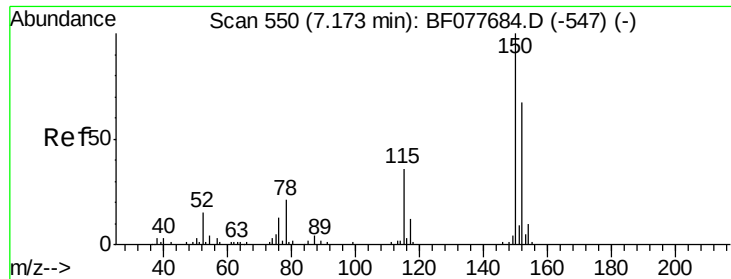
Instrument :
 BNA_F
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Quant Time: Mar 27 00:26:36 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	54992	32.25	ng	98
43) 2,4,5-Trichlorophenol	9.96	196	61361	33.31	ng	# 93
45) 1,1'-Biphenyl	10.13	154	218320	33.09	ng	97
46) 2-Chloronaphthalene	10.16	162	182697	34.07	ng	97
47) 2-Nitroaniline	10.29	65	49602	37.25	ng	95
48) Acenaphthylene	10.66	152	285934	32.07	ng	100
49) Dimethylphthalate	10.53	163	209525	34.23	ng	99
50) 2,6-Dinitrotoluene	10.60	165	47340	37.31	ng	89
51) Acenaphthene	10.88	154	163638	32.01	ng	98
52) 3-Nitroaniline	10.80	138	16641	11.29	ng	# 68
53) 2,4-Dinitrophenol	10.93	184	23487	53.36	ng	90
54) Dibenzofuran	11.09	168	258531	34.10	ng	96
55) 4-Nitrophenol	11.04	139	69934	64.06	ng	94
56) 2,4-Dinitrotoluene	11.09	165	62093	37.53	ng	95
57) Fluorene	11.52	166	210244	33.39	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.25	232	49161	34.66	ng	# 100
59) Diethylphthalate	11.40	149	204684	34.32	ng	97
60) 4-Chlorophenyl-phenylether	11.53	204	93936	32.69	ng	93
61) 4-Nitroaniline	11.55	138	44785	30.49	ng	79
62) Azobenzene	11.72	77	197151	34.58	ng	95
64) 4,6-Dinitro-2-methylphenol	11.60	198	22023	30.01	ng	83
65) n-Nitrosodiphenylamine	11.68	169	181757	33.05	ng	99
66) 4-Bromophenyl-phenylether	12.13	248	56937	32.31	ng	92
67) Hexachlorobenzene	12.19	284	62820	32.44	ng	99
68) Atrazine	12.35	200	54133	35.13	ng	92
69) Pentachlorophenol	12.44	266	50568	51.02	ng	96
70) Phenanthrene	12.71	178	325851	34.37	ng	99
71) Anthracene	12.76	178	319188	34.08	ng	100
72) Carbazole	12.98	167	317674	35.66	ng	97
73) Di-n-butylphthalate	13.44	149	330790	33.11	ng	98
74) Fluoranthene	14.18	202	355431	33.99	ng	99
76) Benzidine	14.36	184	52005	11.46	ng	98
77) Pyrene	14.45	202	371736	33.20	ng	99
79) Butylbenzylphthalate	15.29	149	147462	33.41	ng	89
80) Benzo(a)anthracene	15.94	228	343798	32.57	ng	99
81) 3,3'-Dichlorobenzidine	15.93	252	42085	12.09	ng	99
82) Chrysene	15.99	228	340613	35.89	ng	99
83) Bis(2-ethylhexyl)phthalate	16.02	149	213820	31.98	ng	# 98
84) Di-n-octyl phthalate	16.82	149	362137	31.67	ng	100
85) Indeno(1,2,3-cd)pyrene	19.07	276	363174	30.66	ng	# 100
87) Benzo(b)fluoranthene	17.25	252	364722	32.83	ng	100
88) Benzo(k)fluoranthene	17.25	252	364722	42.02	ng	# 97
89) Benzo(a)pyrene	17.64	252	327298	35.30	ng	# 96
90) Dibenzo(a,h)anthracene	19.09	278	308030	33.50	ng	97
91) Benzo(g,h,i)perylene	19.47	276	307930	32.90	ng	98

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

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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

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PB82320BSD

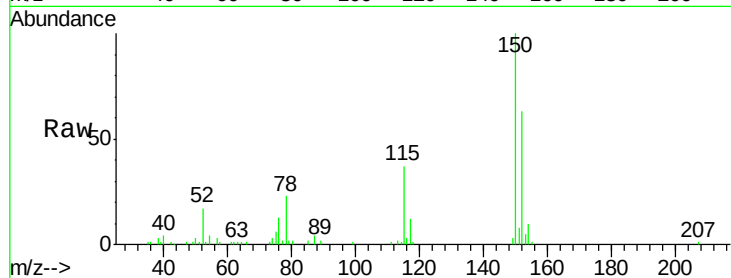
Tgt Ion:152 Resp: 40039

Ion Ratio Lower Upper

152 100

150 157.6 119.5 179.3

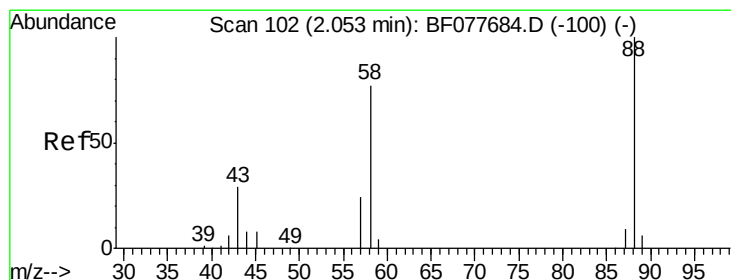
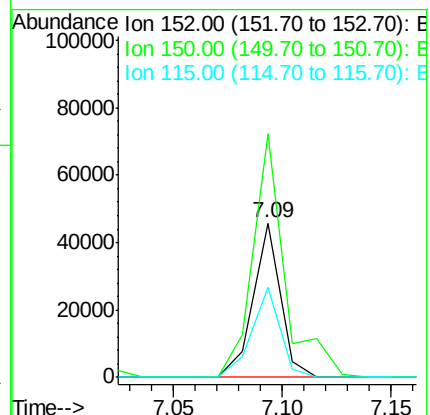
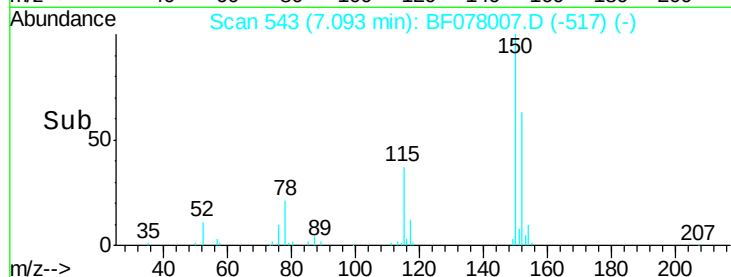
115 58.0 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.04 ng

RT: 1.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

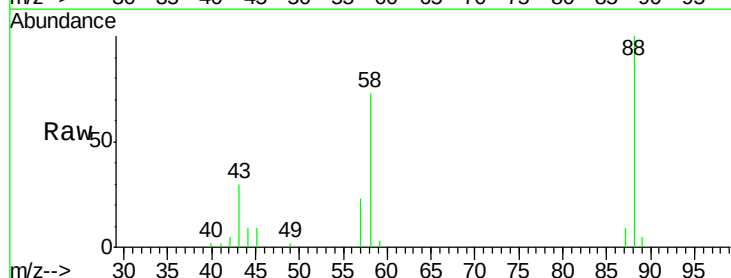
Tgt Ion: 88 Resp: 31282

Ion Ratio Lower Upper

88 100

58 71.6 0.0 0.0#

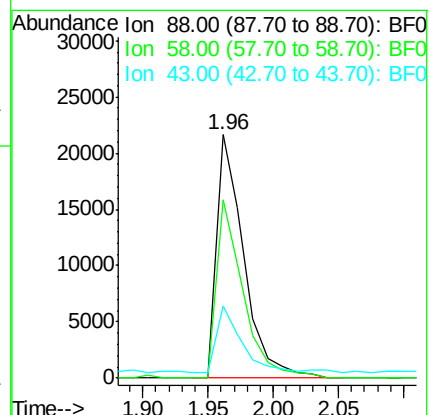
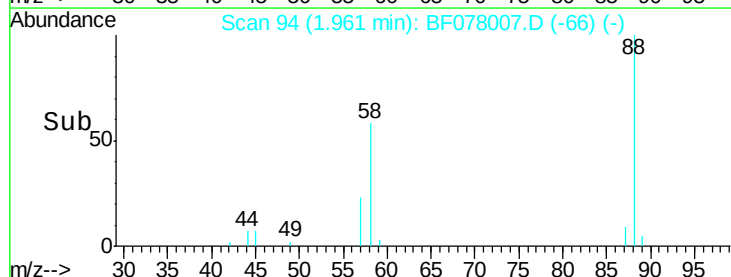
43 25.7 0.0 0.0#

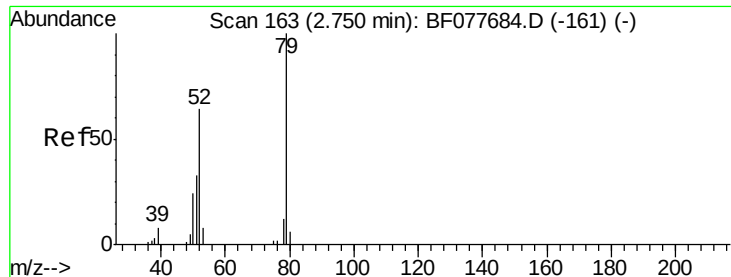


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.32 ng

RT: 2.62 min Scan# 152

Delta R.T. 0.02 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

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ClientSampleId :

PB82320BSD

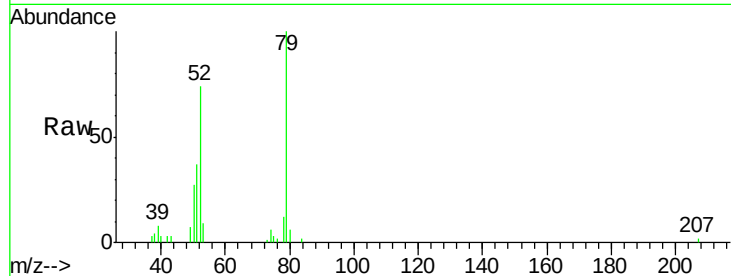
Tgt Ion: 79 Resp: 87639

Ion Ratio Lower Upper

79 100

52 74.3 51.1 76.7

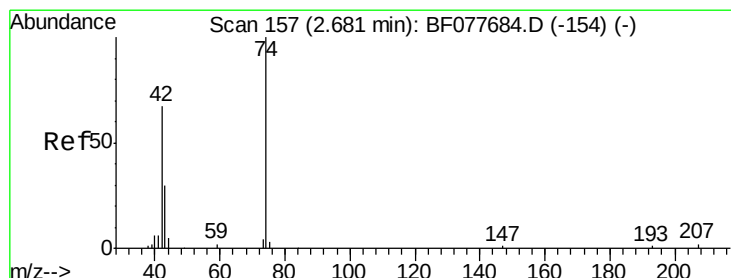
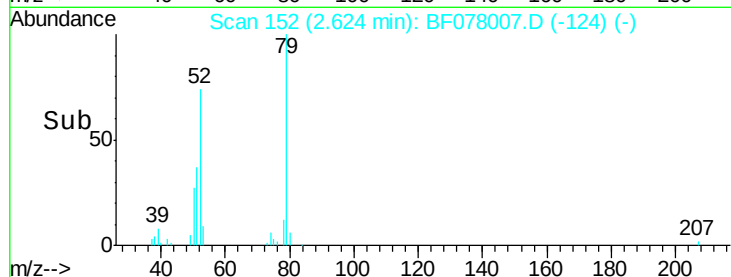
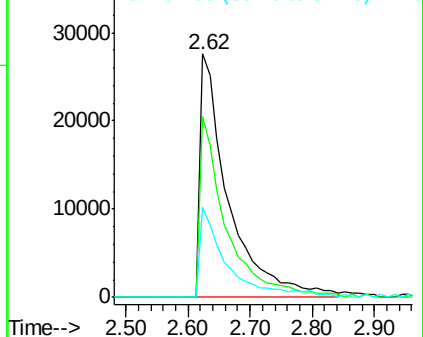
51 37.0 26.1 39.1



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: 27.84 ng

RT: 2.57 min Scan# 147

Delta R.T. 0.02 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

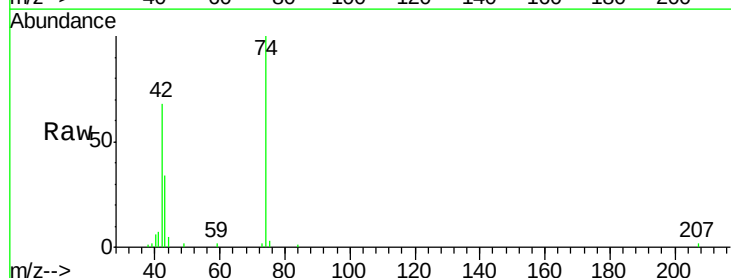
Tgt Ion: 42 Resp: 33921

Ion Ratio Lower Upper

42 100

74 146.2 119.3 178.9

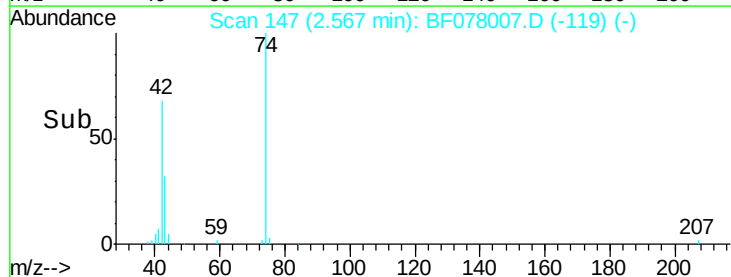
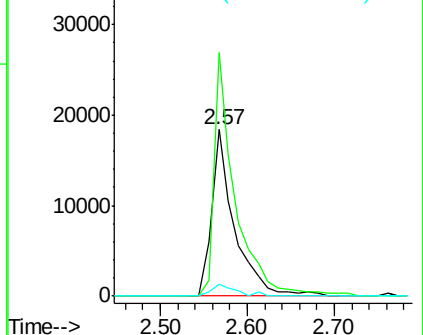
44 7.5 5.4 8.2

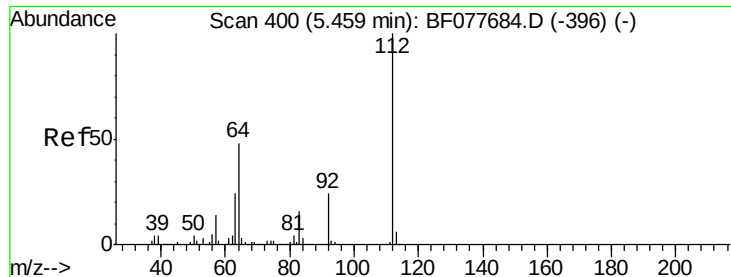


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 71.18 ng

RT: 5.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

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PB82320BSD

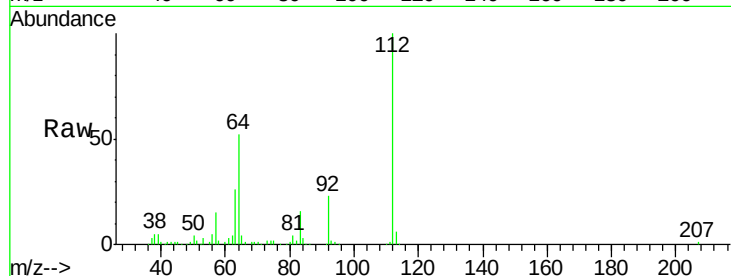
Tgt Ion: 112 Resp: 163268

Ion Ratio Lower Upper

112 100

64 51.7 38.6 57.8

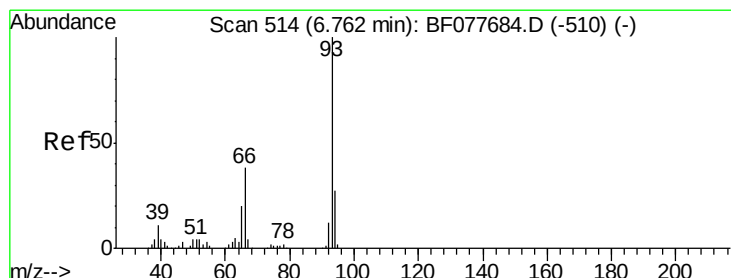
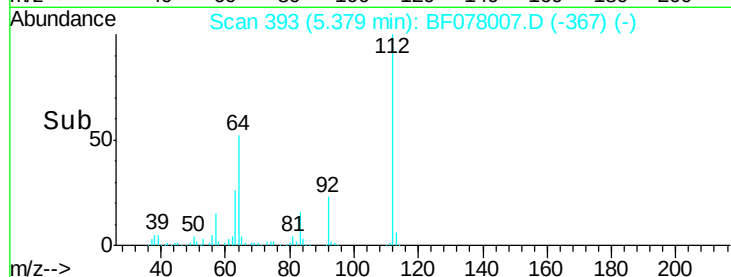
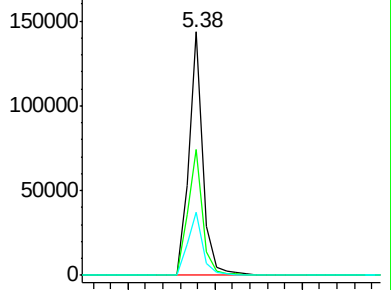
63 26.1 19.3 28.9



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

Ion 64.00 (63.70 to 64.70): BF077684.D (-396) (-)

Ion 63.00 (62.70 to 63.70): BF077684.D (-396) (-)



#6

Aniline

Concen: 6.50 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

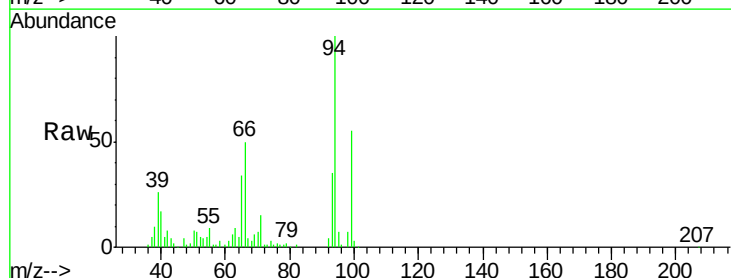
Tgt Ion: 93 Resp: 26365

Ion Ratio Lower Upper

93 100

66 143.6 30.8 46.2#

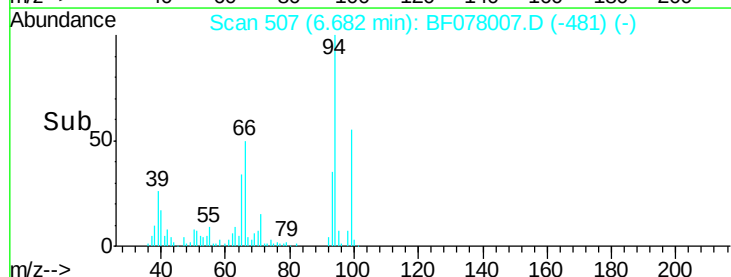
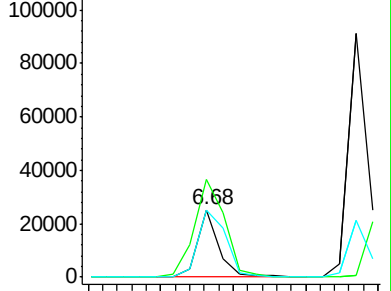
65 98.6 16.0 24.0#

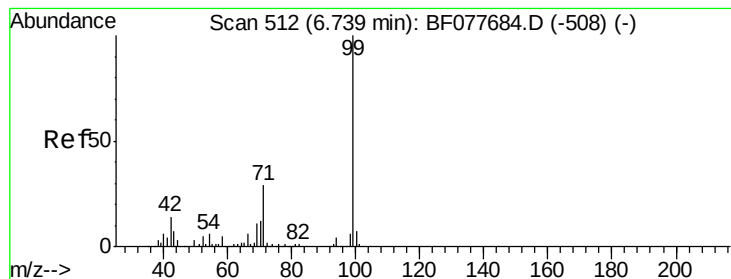


Abundance Ion 93.00 (92.70 to 93.70): BF077684.D (-510) (-)

Ion 66.00 (65.70 to 66.70): BF077684.D (-510) (-)

Ion 65.00 (64.70 to 65.70): BF077684.D (-510) (-)





#7

Phenol-d6

Concen: 73.72 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF078007.D

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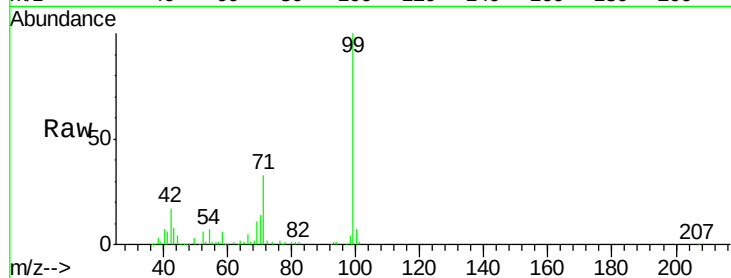
Tgt Ion: 99 Resp: 208919

Ion Ratio Lower Upper

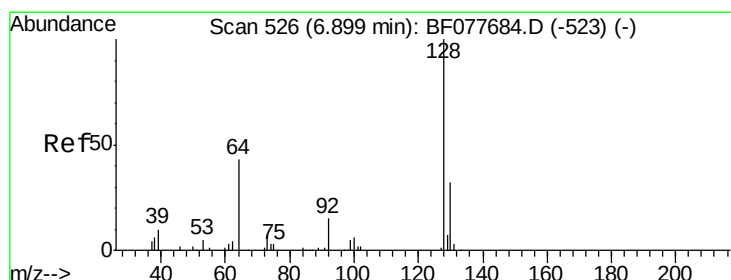
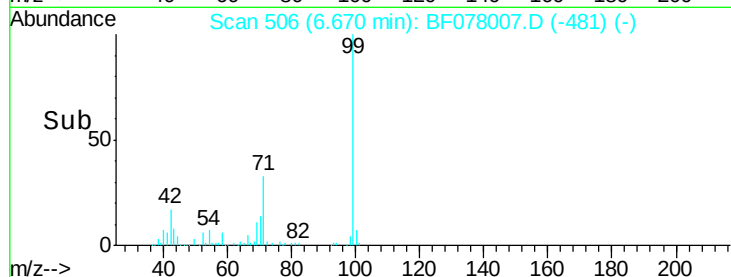
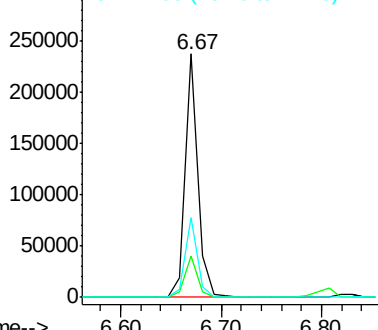
99 100

42 17.0 11.0 16.4#

71 32.6 23.4 35.2



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



#8

2-Chlorophenol

Concen: 34.73 ng

RT: 6.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

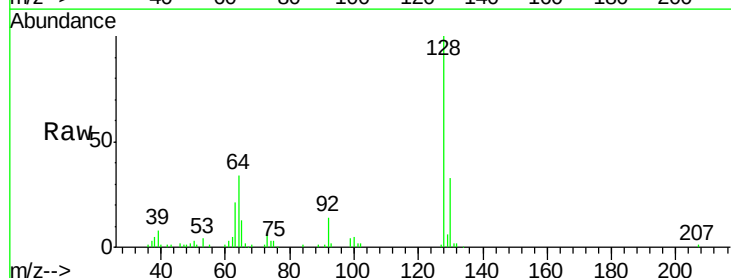
Tgt Ion: 128 Resp: 94822

Ion Ratio Lower Upper

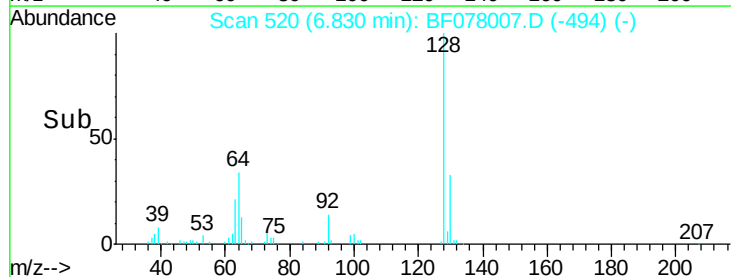
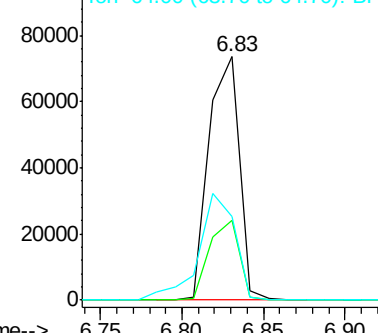
128 100

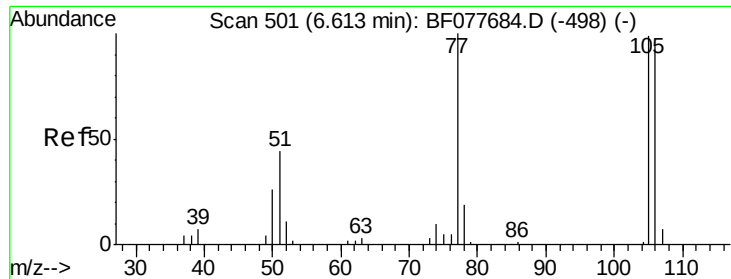
130 33.0 12.0 52.0

64 34.2 24.9 64.9



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





#9

Benzaldehyde

Concen: 2.89 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078007.D

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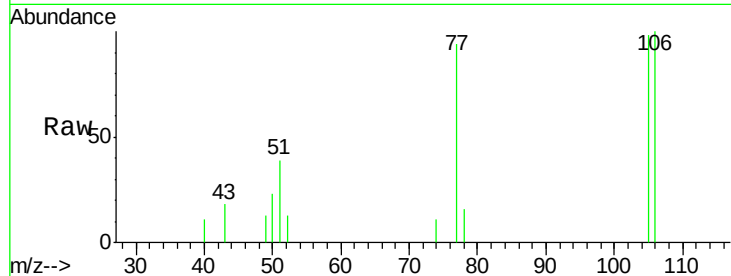
Tgt Ion: 77 Resp: 3353

Ion Ratio Lower Upper

77 100

105 104.8 78.8 118.8

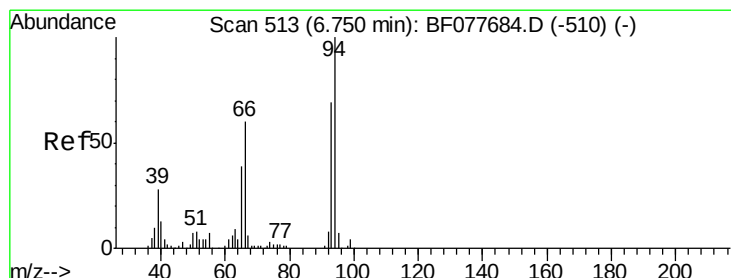
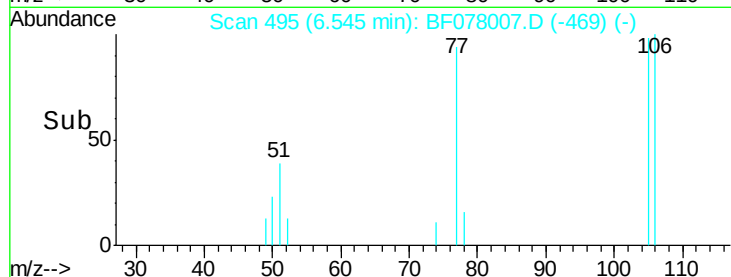
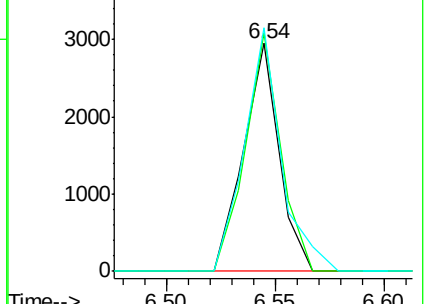
106 106.9 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.86 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

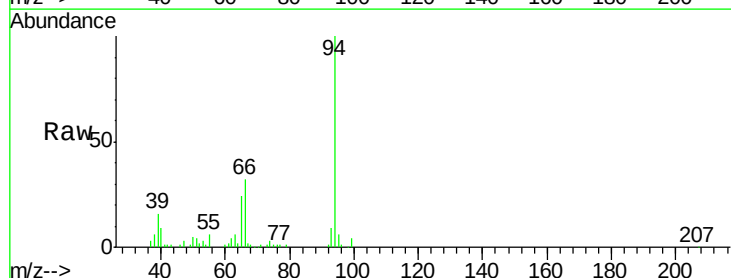
Tgt Ion: 94 Resp: 110074

Ion Ratio Lower Upper

94 100

65 24.0 18.8 58.8

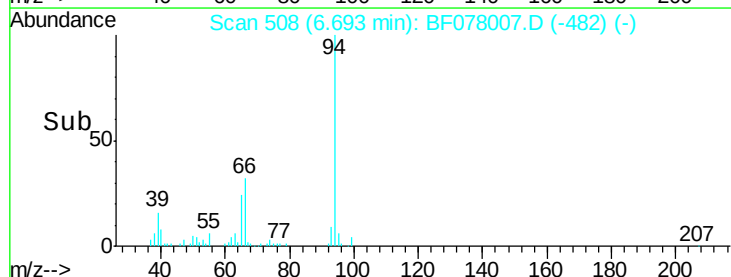
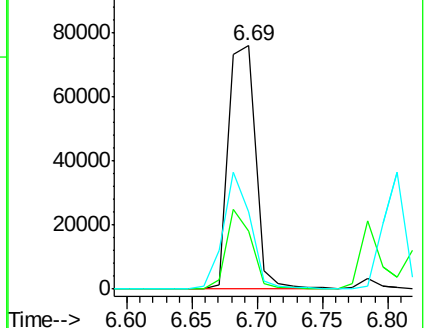
66 31.5 39.9 79.9#

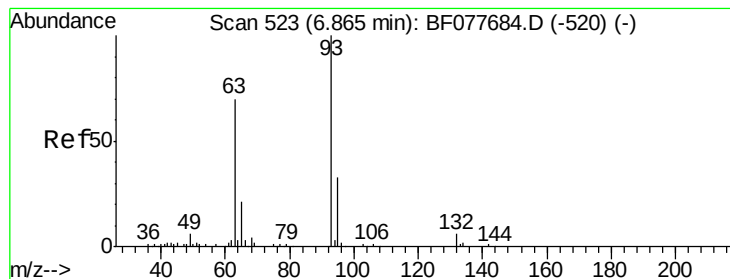


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.43 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

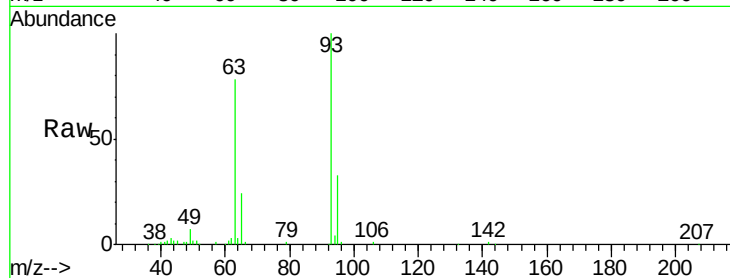
Tgt Ion: 93 Resp: 86404

Ion Ratio Lower Upper

93 100

63 77.8 49.5 89.5

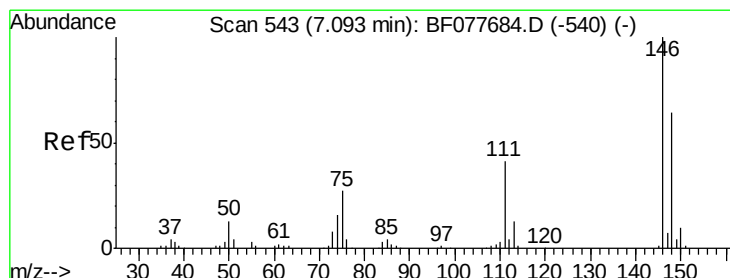
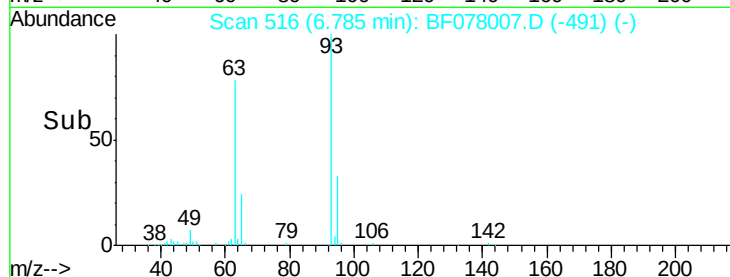
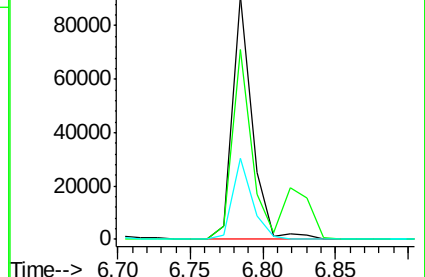
95 33.3 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF077684.D (-520) (-)

Ion 63.00 (62.70 to 63.70): BF077684.D (-520) (-)

Ion 95.00 (94.70 to 95.70): BF077684.D (-520) (-)



#12

1,3-Dichlorobenzene

Concen: 32.69 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

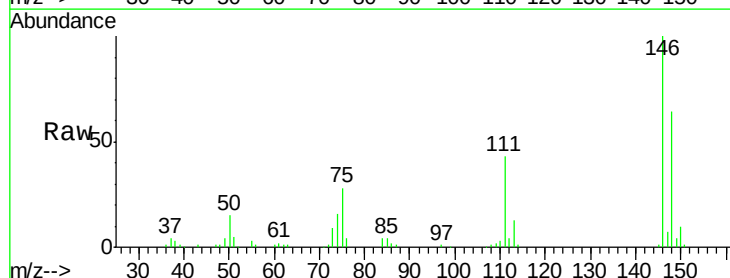
Tgt Ion: 146 Resp: 99278

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

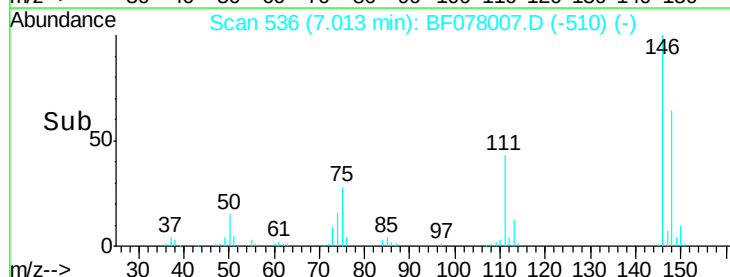
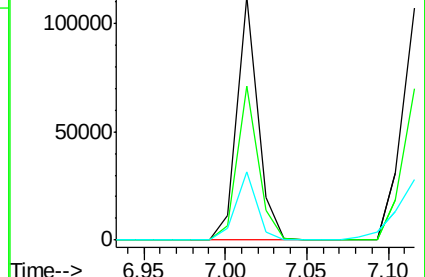
75 28.1 21.4 32.2

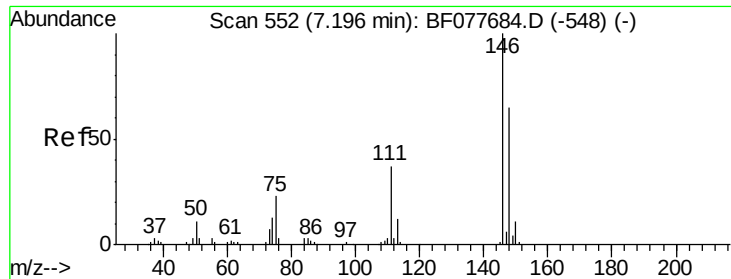


Abundance Ion 146.00 (145.70 to 146.70): BF077684.D (-540) (-)

Ion 148.00 (147.70 to 148.70): BF077684.D (-540) (-)

Ion 75.00 (74.70 to 75.70): BF077684.D (-540) (-)

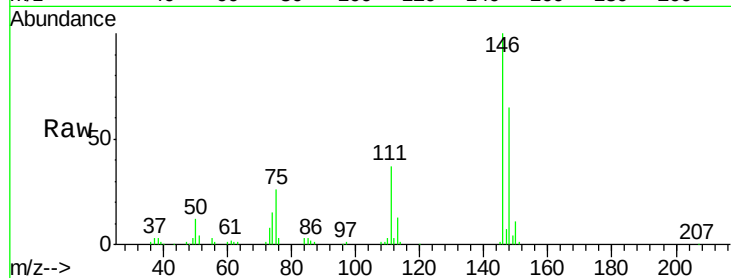




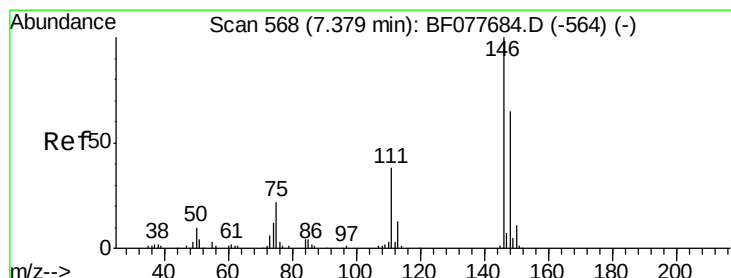
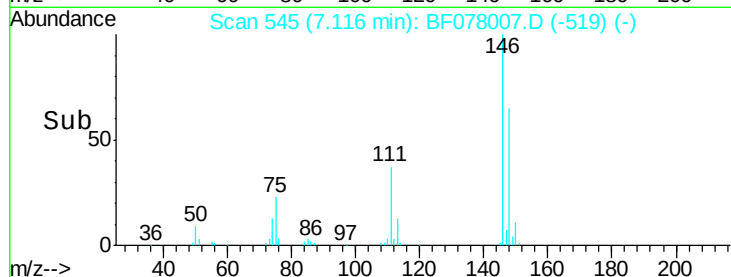
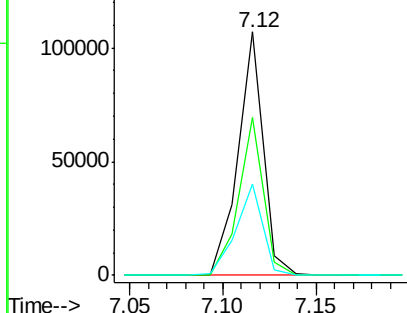
#13
 1,4-Dichlorobenzene
 Concen: 32.04 ng
 RT: 7.12 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion:146 Resp: 101089
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 37.2 29.2 43.8

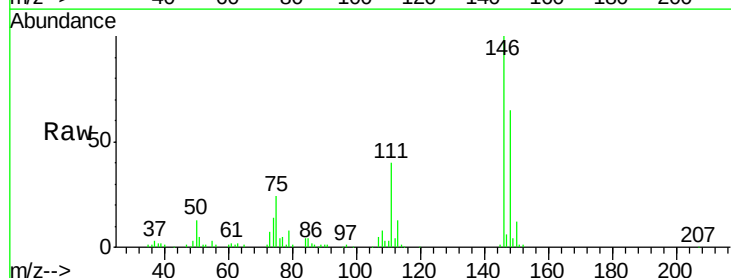


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

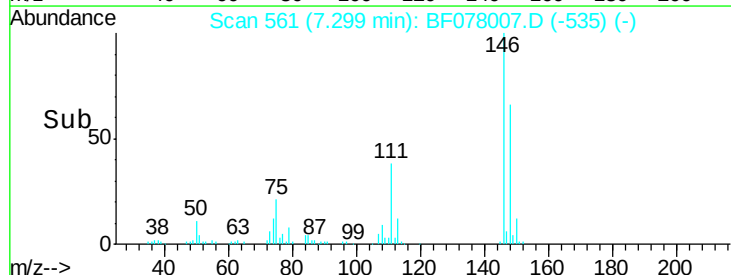
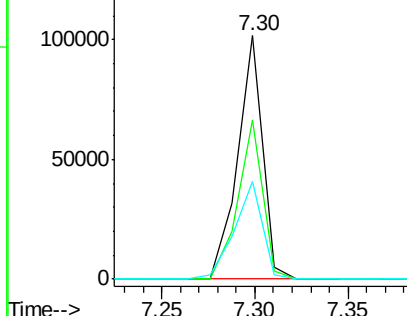


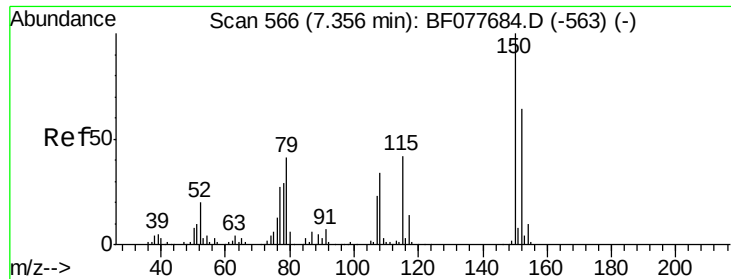
#14
 1,2-Dichlorobenzene
 Concen: 32.98 ng
 RT: 7.30 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:146 Resp: 95405
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 39.9 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: 32.89 ng

RT: 7.29 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

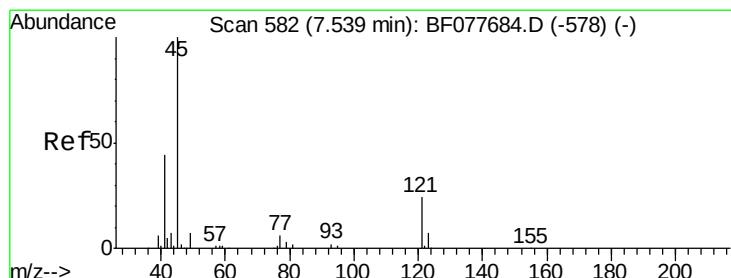
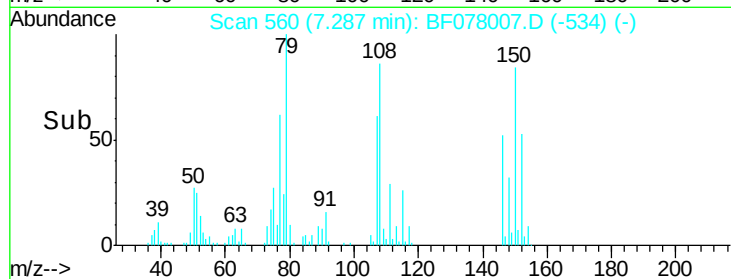
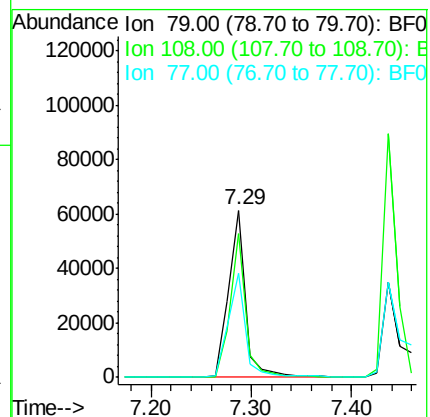
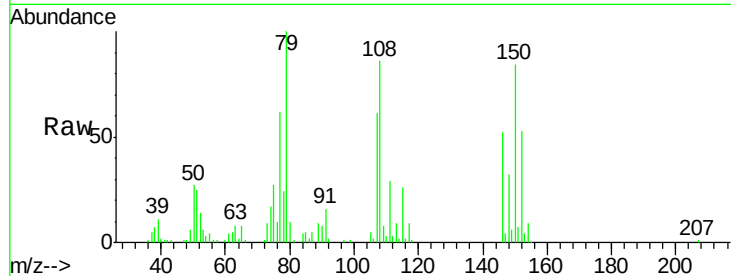
Tgt Ion: 79 Resp: 72764

Ion Ratio Lower Upper

79 100

108 85.9 65.0 97.4

77 62.3 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.21 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

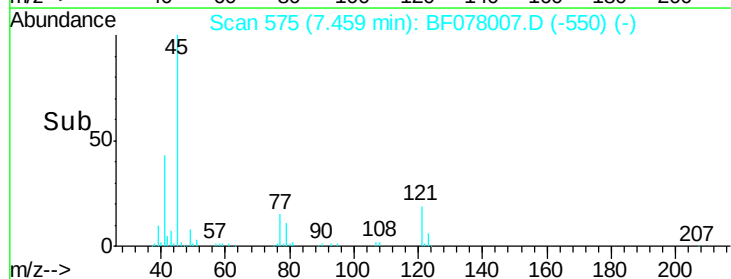
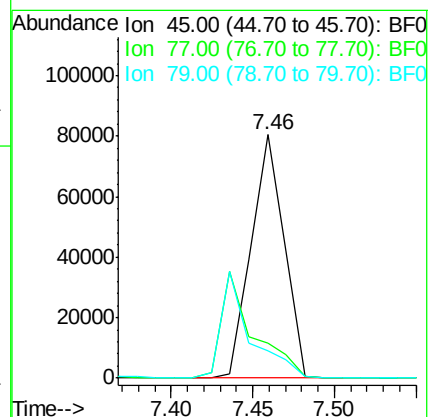
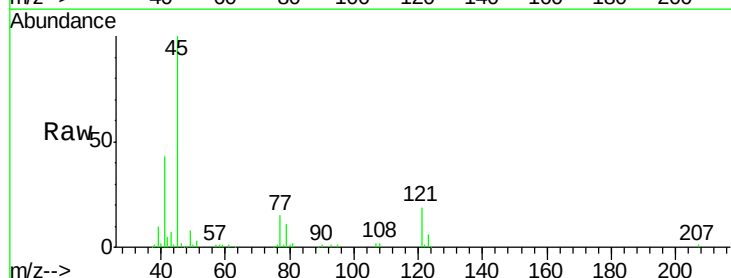
Tgt Ion: 45 Resp: 112288

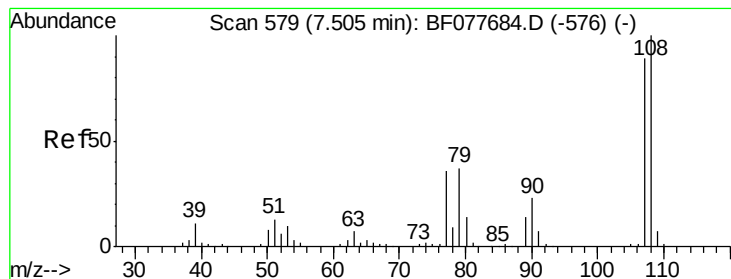
Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.2

79 11.3 0.0 32.0





#17

2-Methylphenol

Concen: 34.22 ng

RT: 7.44 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

Tgt Ion:107 Resp: 76055

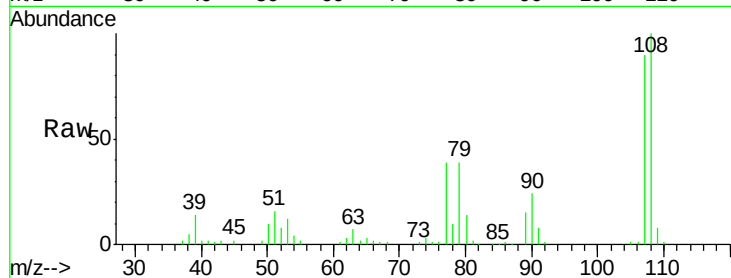
Ion Ratio Lower Upper

107 100

108 110.9 89.8 134.8

77 43.5 32.6 48.8

79 43.4 32.8 49.2

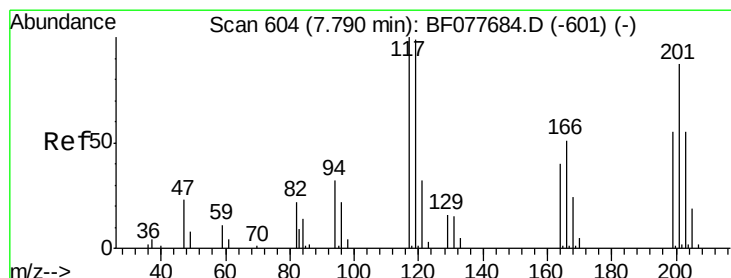
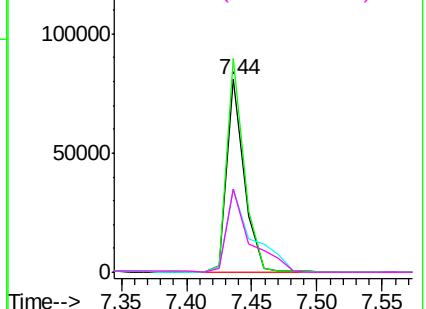
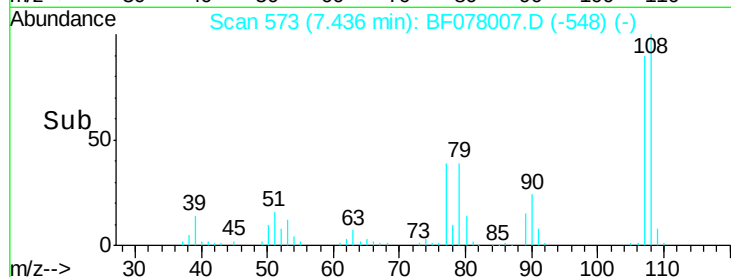


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.47 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

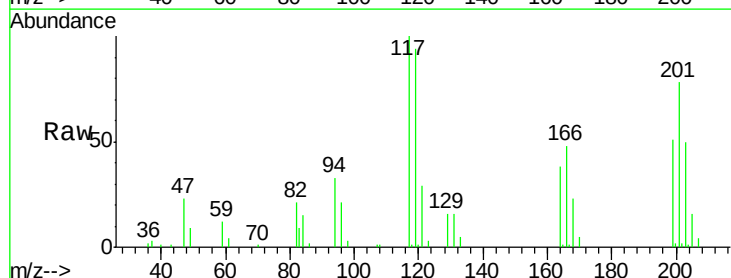
Tgt Ion:117 Resp: 34642

Ion Ratio Lower Upper

117 100

119 93.6 79.2 118.8

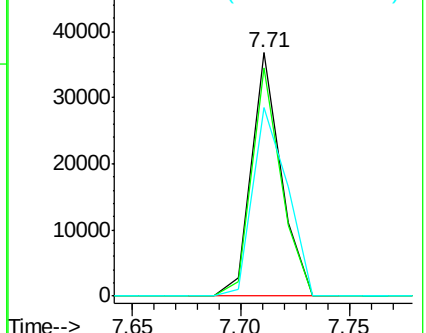
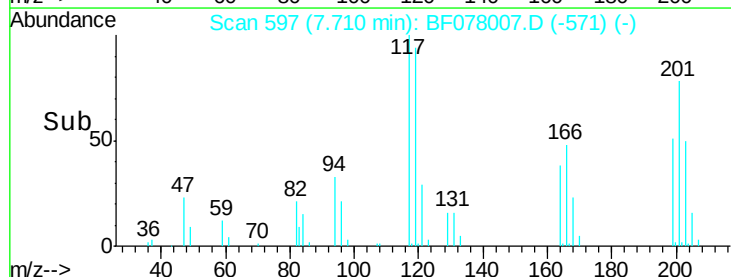
201 77.7 69.8 104.6

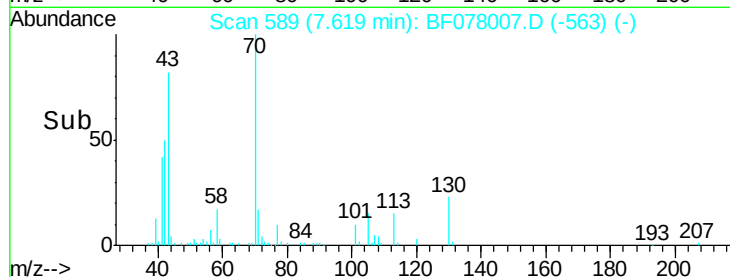
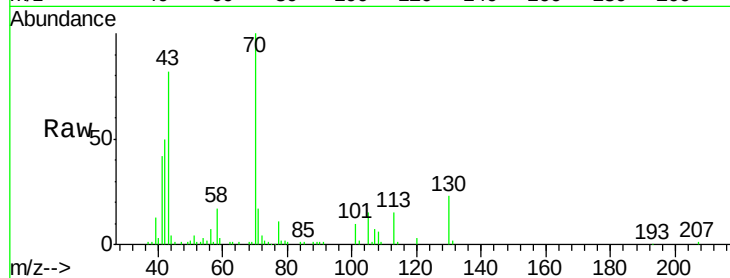
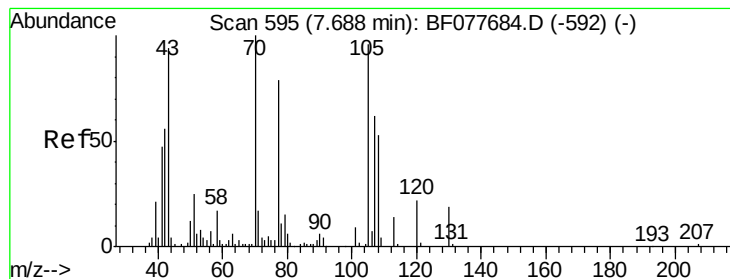


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.45 ng

RT: 7.62 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

Tgt Ion: 70 Resp: 65582

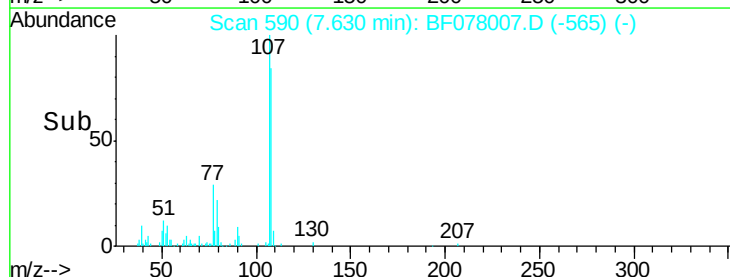
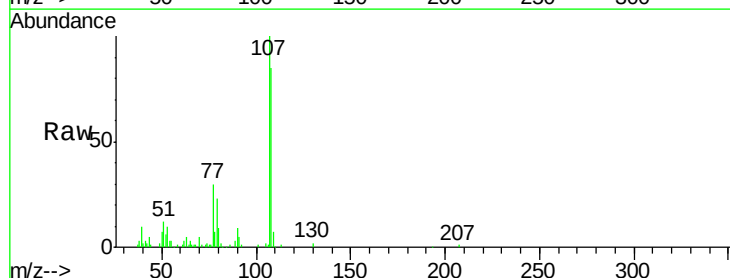
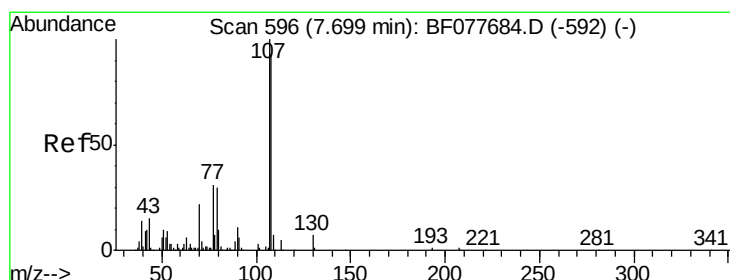
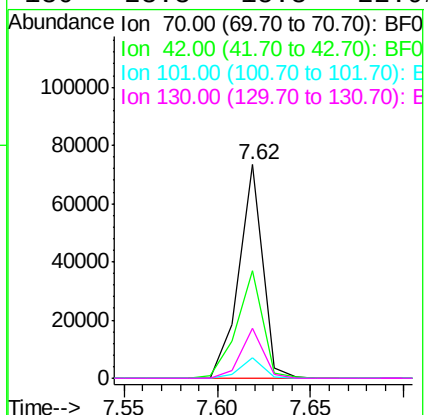
Ion Ratio Lower Upper

70 100

42 50.2 44.5 66.7

101 9.8 7.4 11.2

130 23.3 15.3 22.9#



#20

3+4-Methylphenols

Concen: 35.50 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Tgt Ion: 107 Resp: 103548

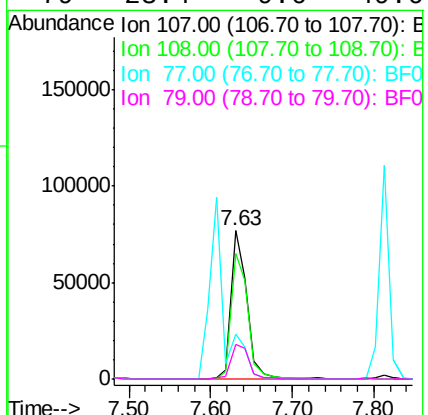
Ion Ratio Lower Upper

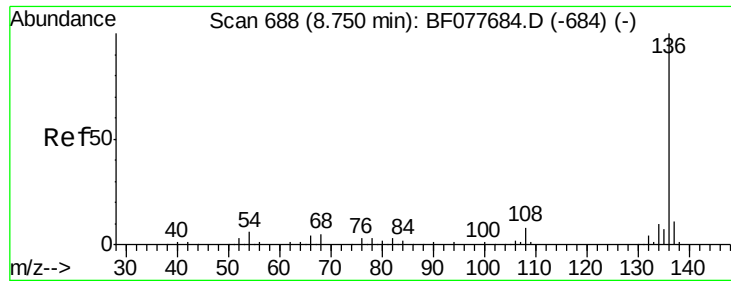
107 100

108 84.5 73.2 113.2

77 30.0 10.7 50.7

79 23.4 9.6 49.6

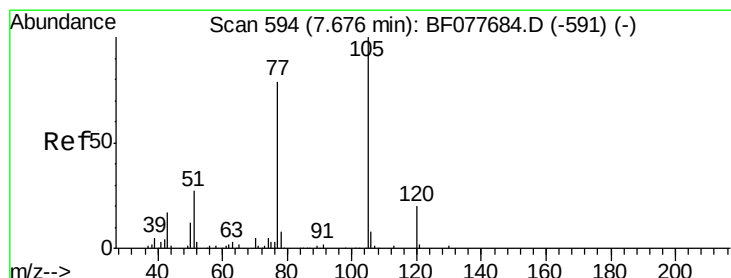
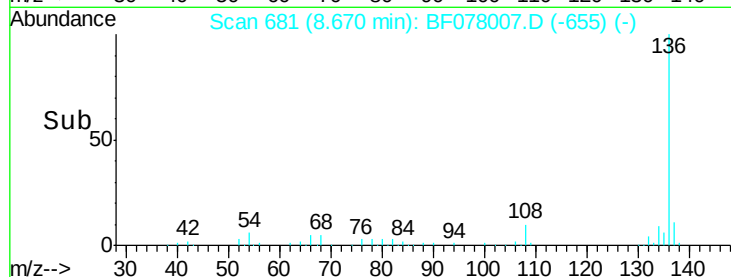
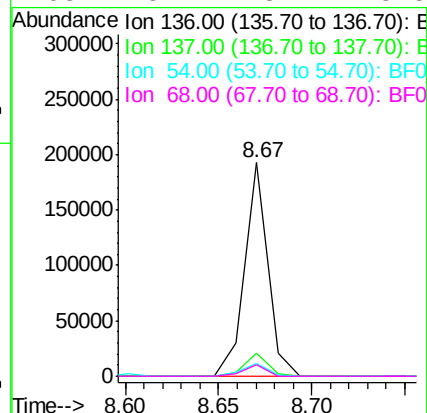
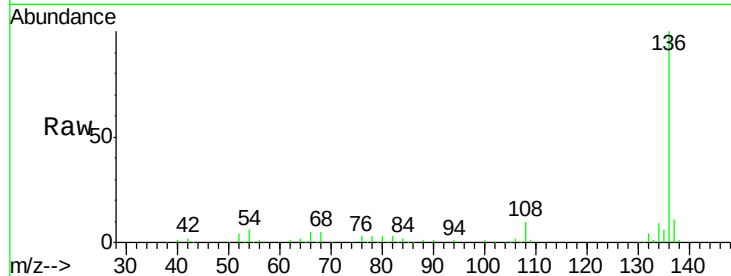




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

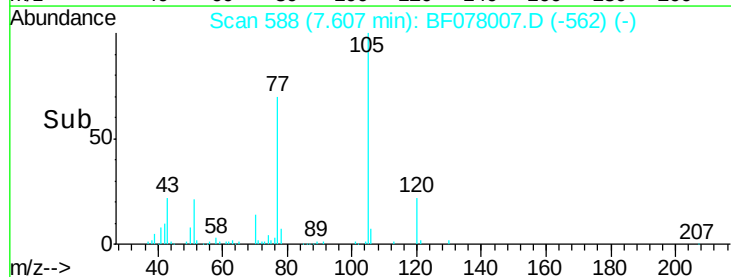
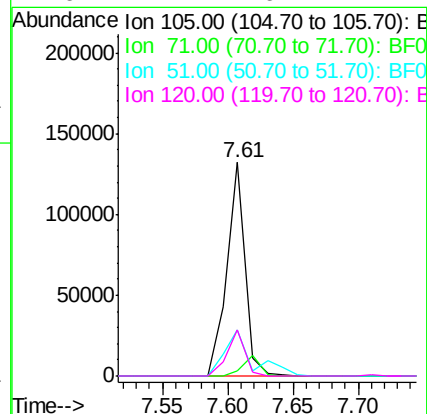
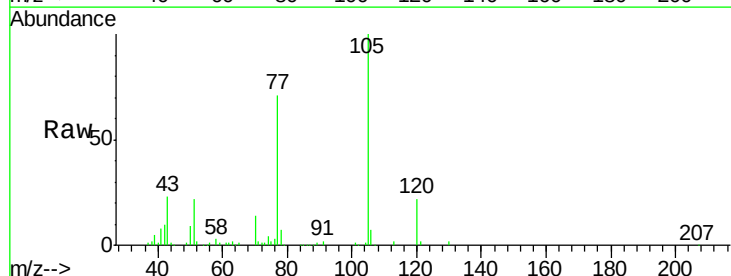
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

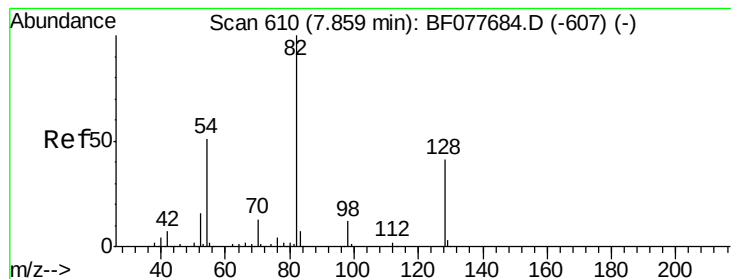
Tgt Ion:	136	Resp:	167141
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.2	4.6	6.8
68	5.2	3.7	5.5



#22
Acetophenone
Concen: 35.09 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:	105	Resp:	129845
Ion	Ratio	Lower	Upper
105	100		
71	2.4	0.6	1.0#
51	21.7	21.6	32.4
120	21.7	16.1	24.1





#23

Nitrobenzene-d5

Concen: 61.53 ng

RT: 7.79 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

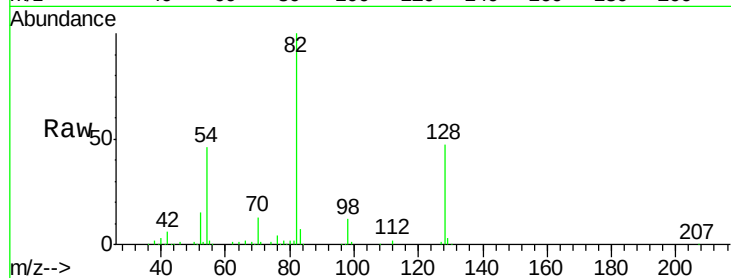
Tgt Ion: 82 Resp: 156883

Ion Ratio Lower Upper

82 100

128 47.1 32.8 49.2

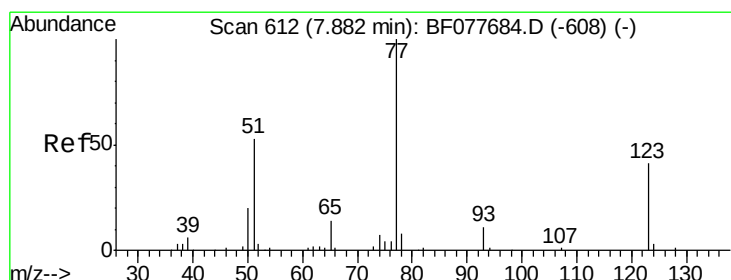
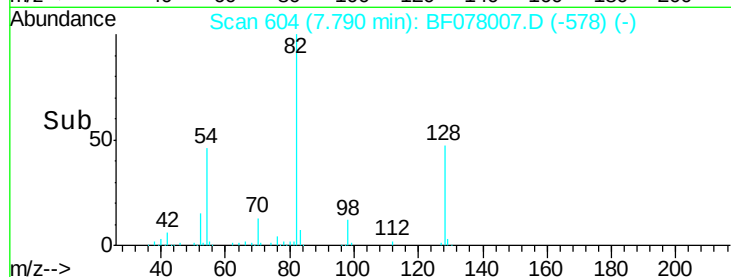
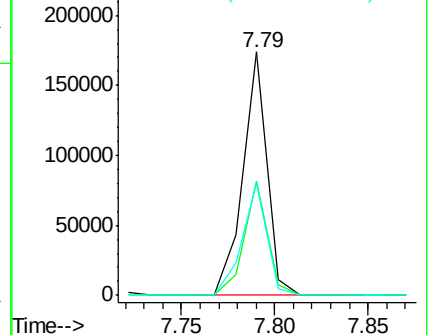
54 46.1 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 34.91 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

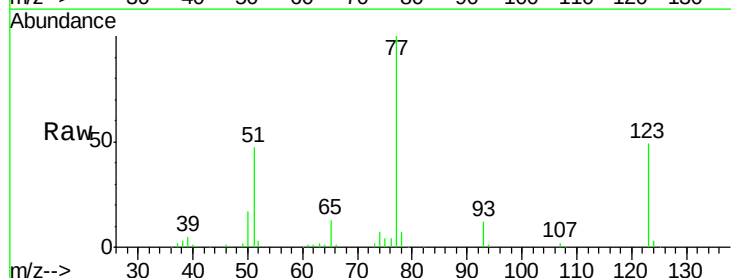
Tgt Ion: 77 Resp: 95901

Ion Ratio Lower Upper

77 100

123 48.9 32.6 49.0

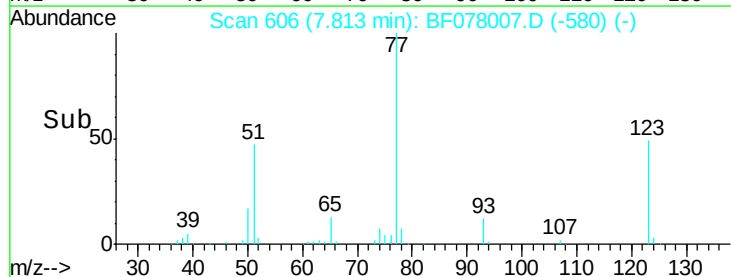
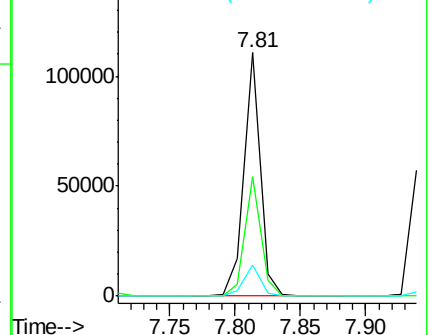
65 12.7 10.9 16.3

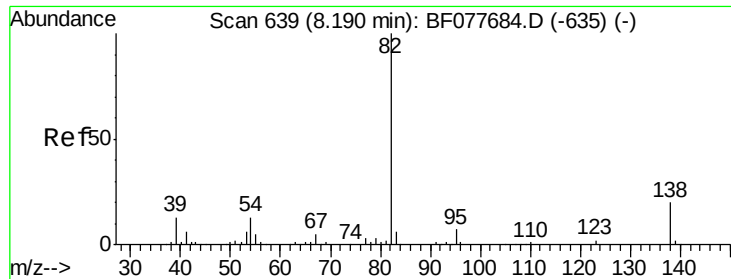


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 32.29 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

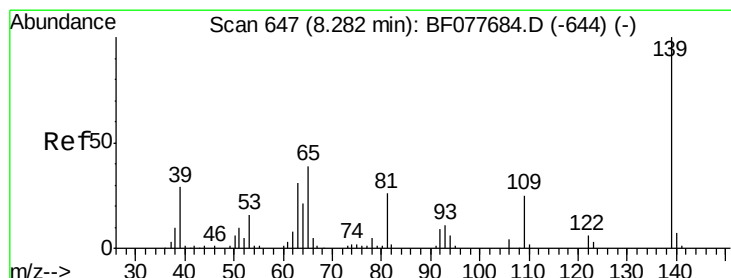
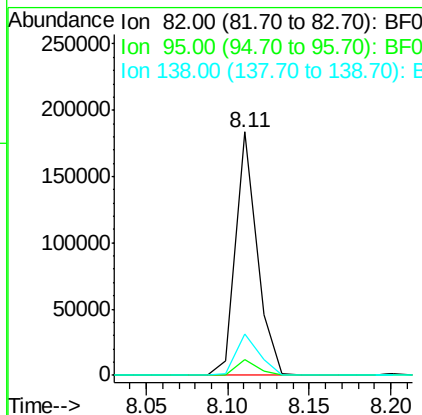
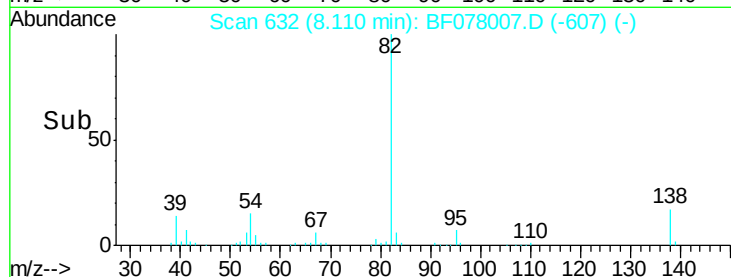
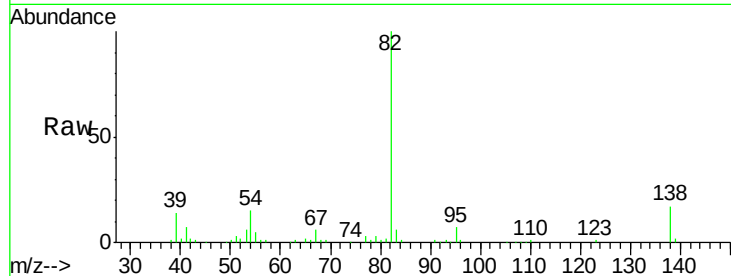
Tgt Ion: 82 Resp: 166249

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 17.0 16.3 24.5



#26

2-Nitrophenol

Concen: 31.82 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

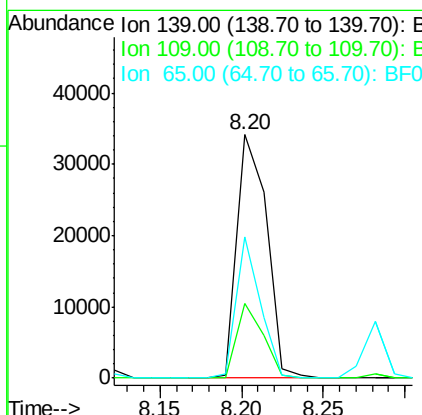
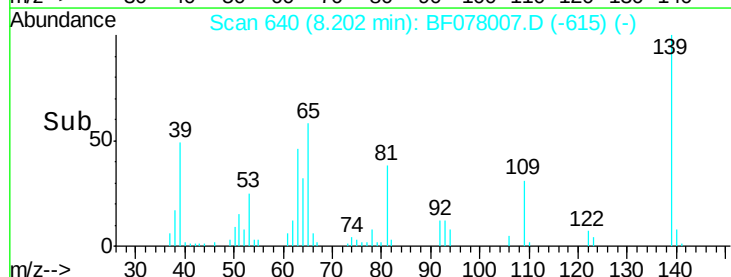
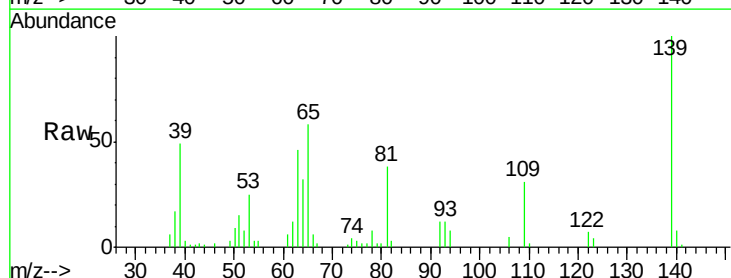
Tgt Ion: 139 Resp: 42796

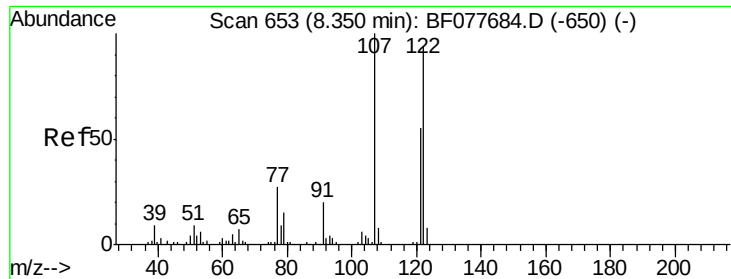
Ion Ratio Lower Upper

139 100

109 30.7 20.1 30.1#

65 58.0 31.5 47.3#

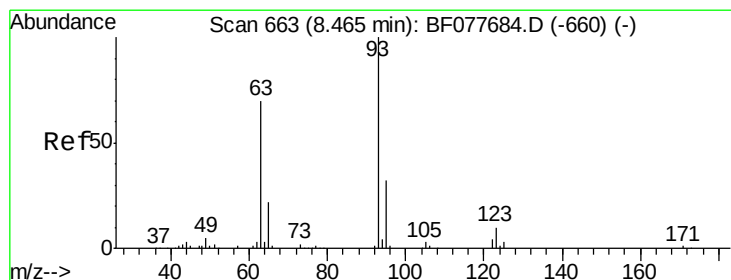
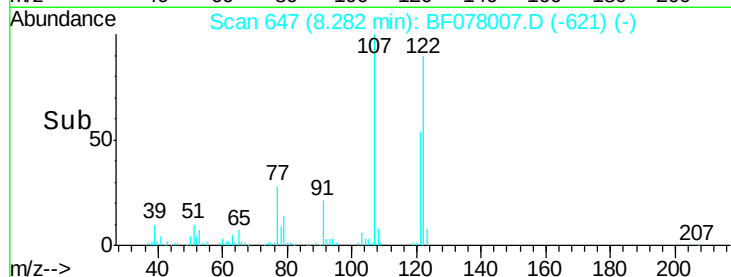
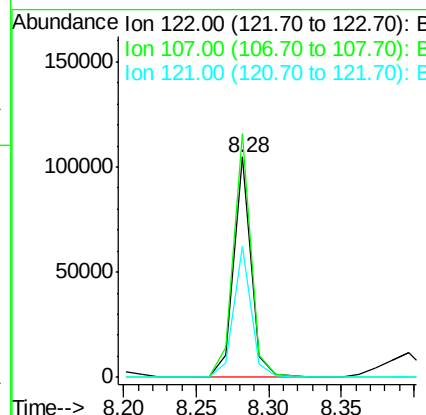
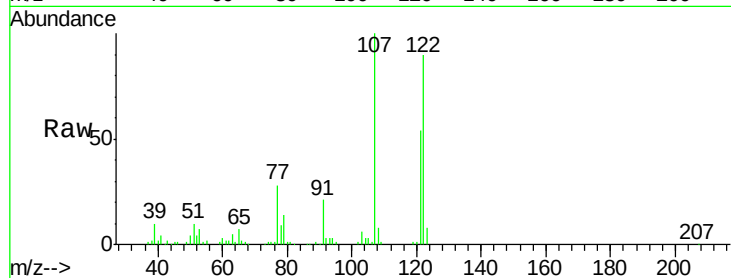




#27
 2,4-Dimethylphenol
 Concen: 35.93 ng
 RT: 8.28 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

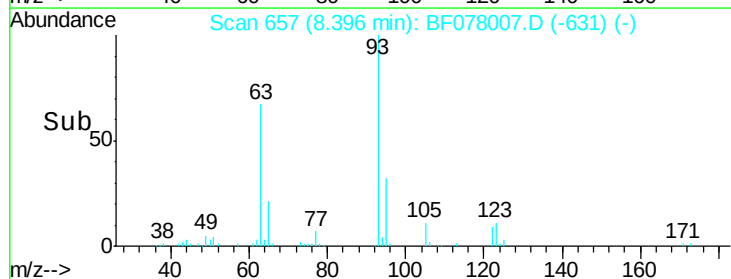
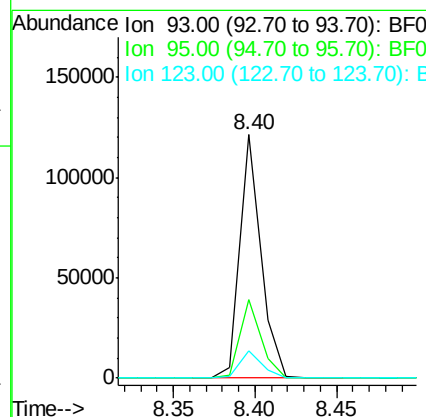
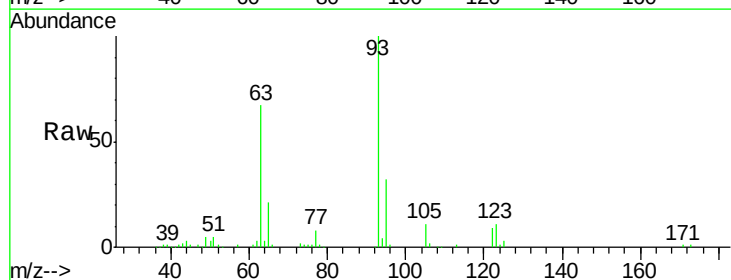
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

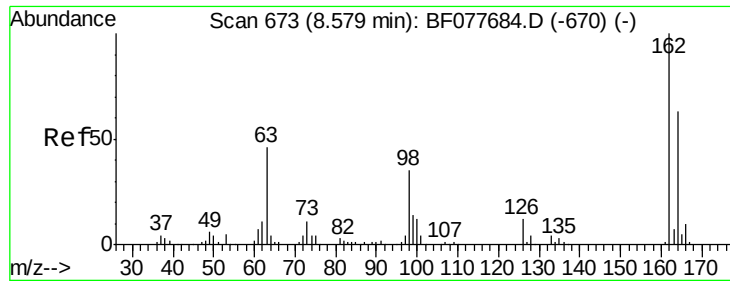
Tgt Ion:122 Resp: 88022
 Ion Ratio Lower Upper
 122 100
 107 110.6 84.7 127.1
 121 59.4 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.47 ng
 RT: 8.40 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion: 93 Resp: 107730
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.5 38.3
 123 11.5 8.6 13.0

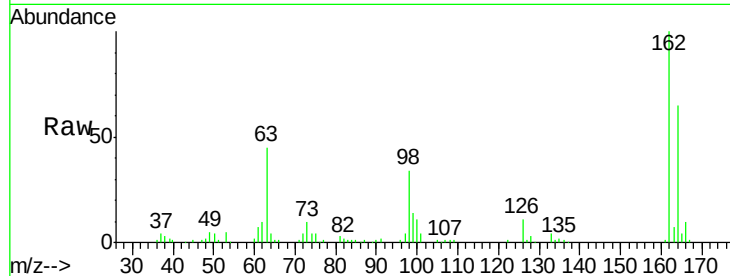




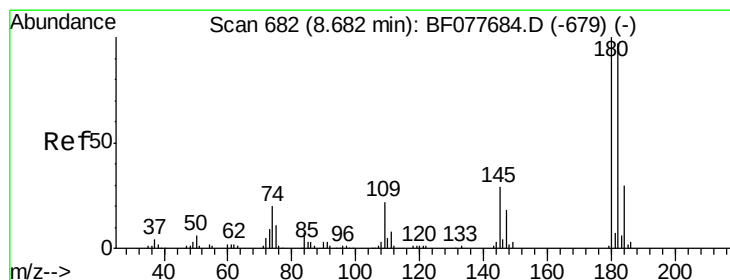
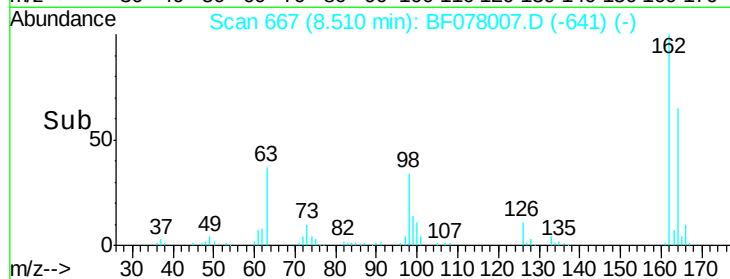
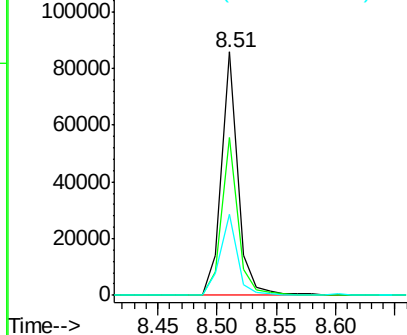
#29
2,4-Dichlorophenol
Concen: 35.29 ng
RT: 8.51 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:162 Resp: 82411
Ion Ratio Lower Upper
162 100
164 64.6 42.8 82.8
98 33.6 14.5 54.5

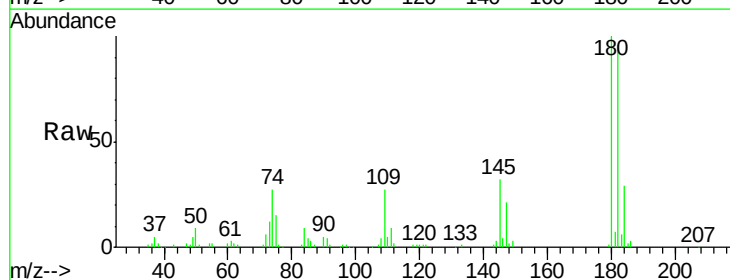


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

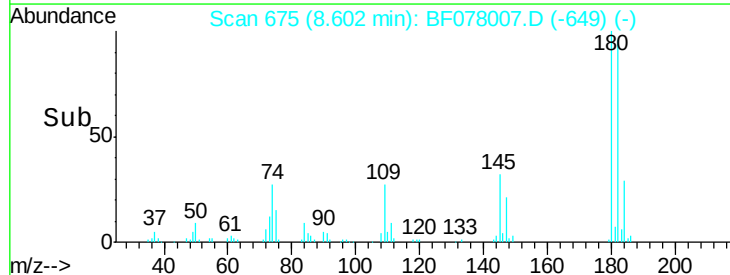
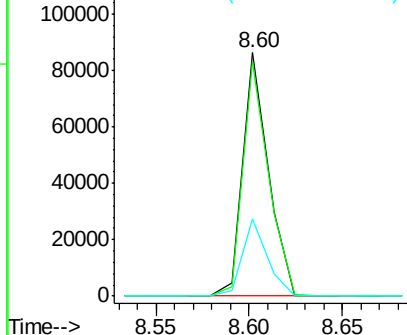


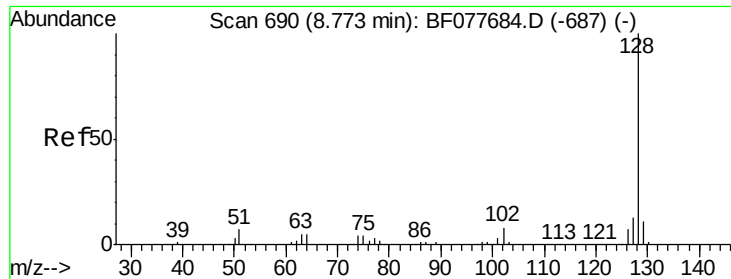
#30
1,2,4-Trichlorobenzene
Concen: 31.76 ng
RT: 8.60 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:180 Resp: 82988
Ion Ratio Lower Upper
180 100
182 96.4 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

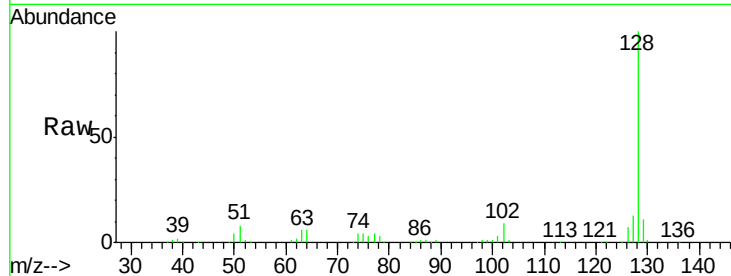




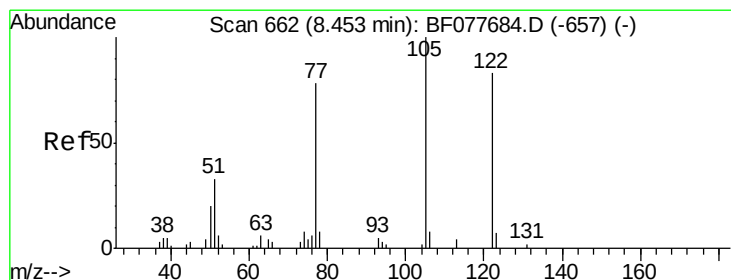
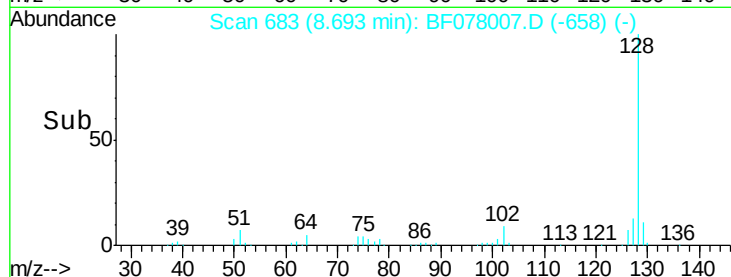
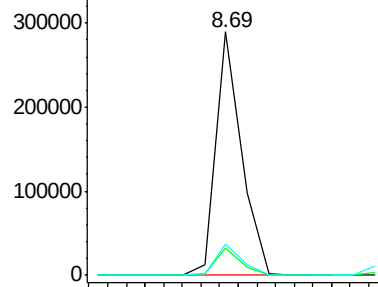
#31
Naphthalene
Concen: 32.04 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:128 Resp: 275074
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.4 15.6

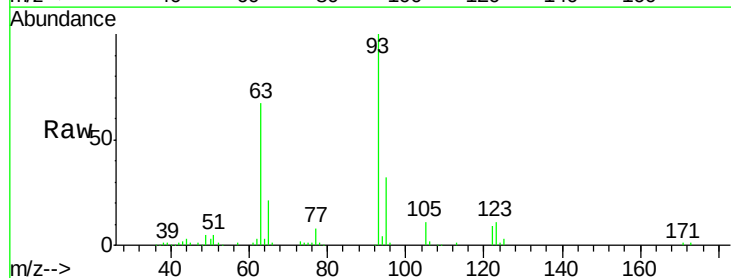


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

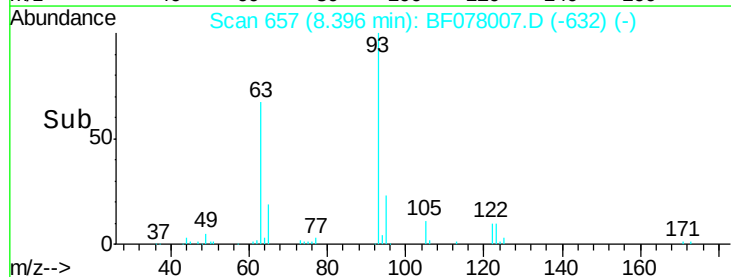
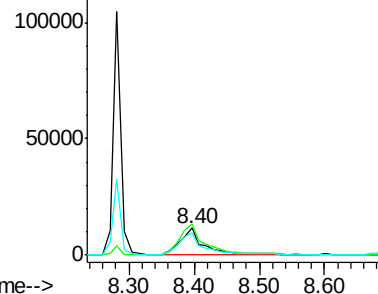


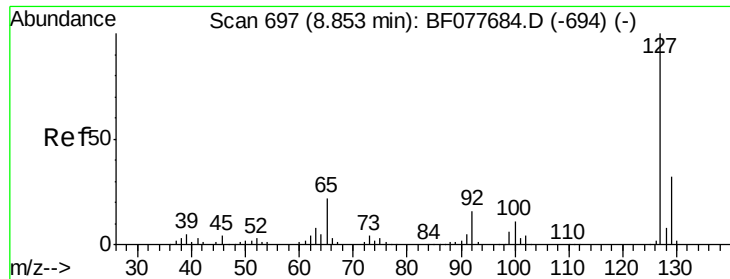
#32
Benzoic acid
Concen: 24.59 ng
RT: 8.40 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:122 Resp: 31404
Ion Ratio Lower Upper
122 100
105 115.5 99.9 139.9
77 80.8 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

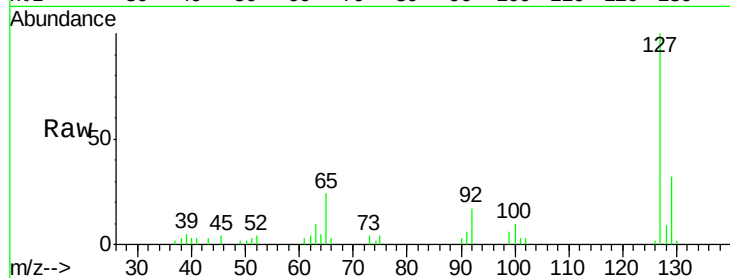




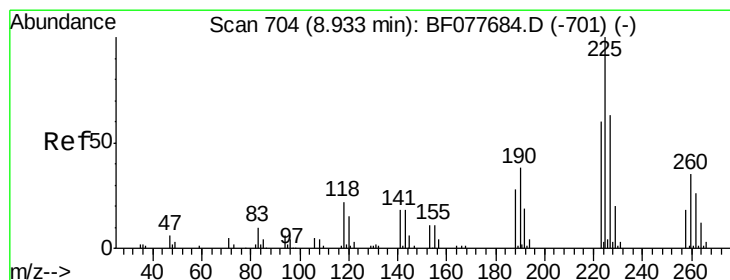
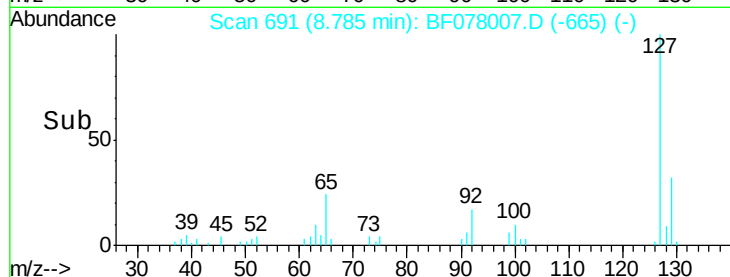
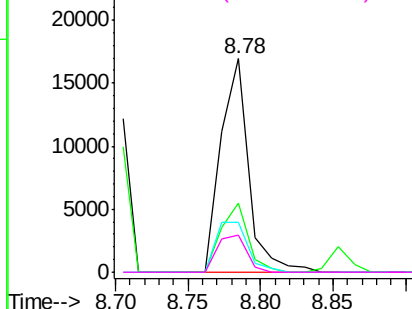
#33
4-Chloroaniline
Concen: 6.48 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:	127	Resp:	22592
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	23.7	17.6	26.4
92	17.3	13.1	19.7

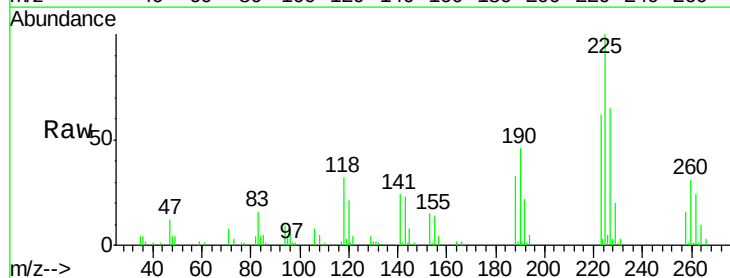


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

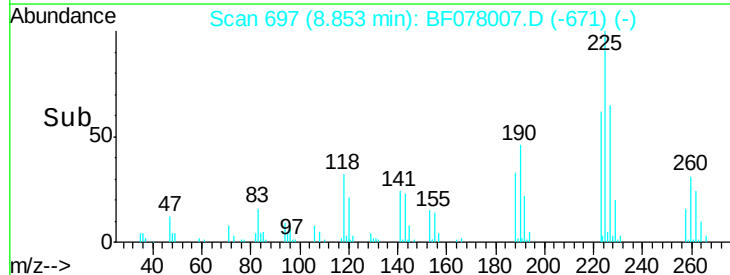
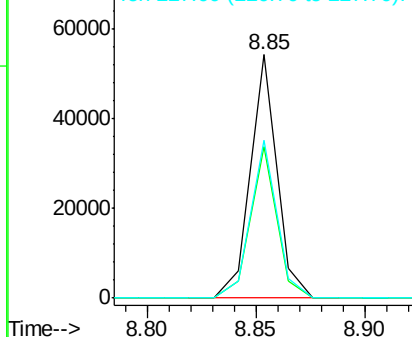


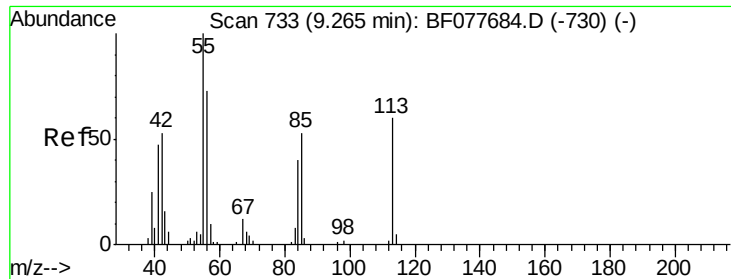
#34
Hexachlorobutadiene
Concen: 31.01 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:	225	Resp:	45925
Ion	Ratio	Lower	Upper
225	100		
223	62.4	47.9	71.9
227	64.8	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

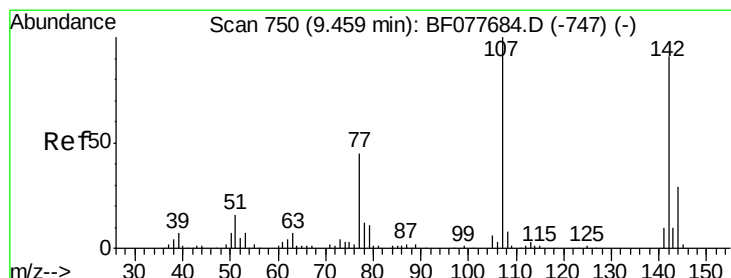
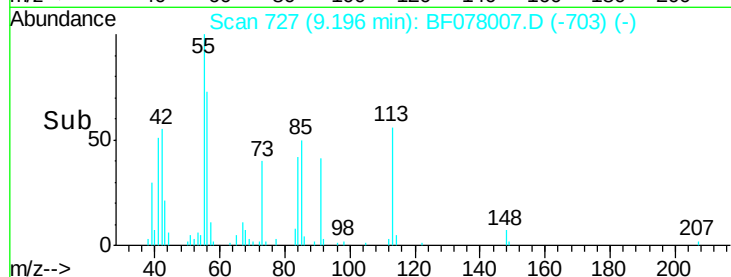
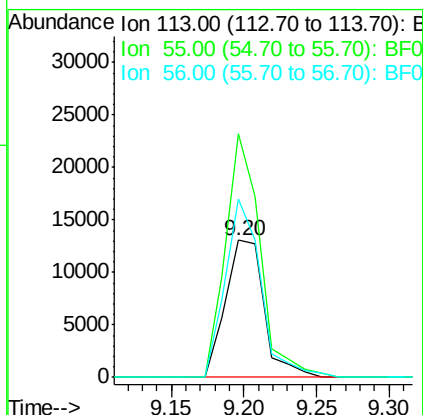
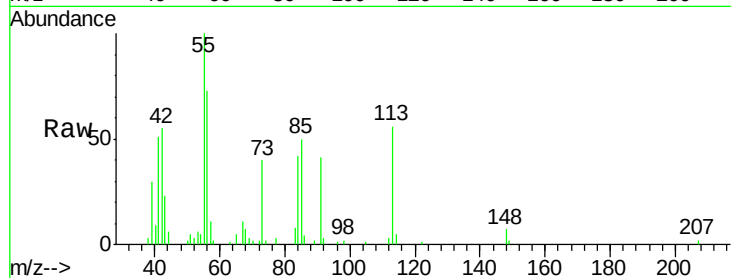




#35
 Caprolactam
 Concen: 35.22 ng
 RT: 9.20 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

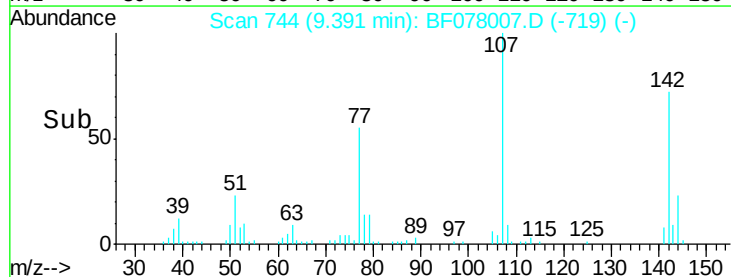
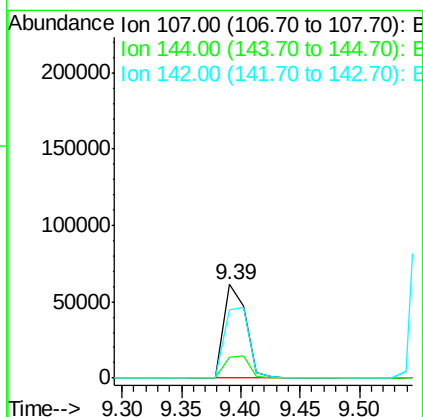
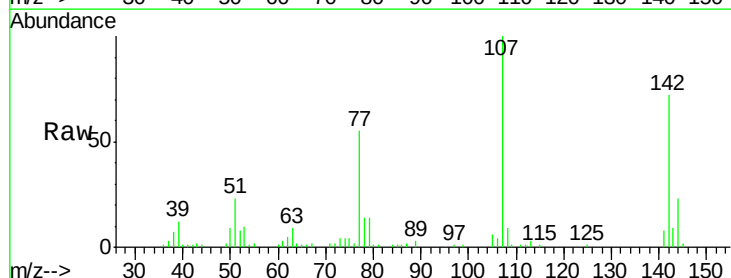
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

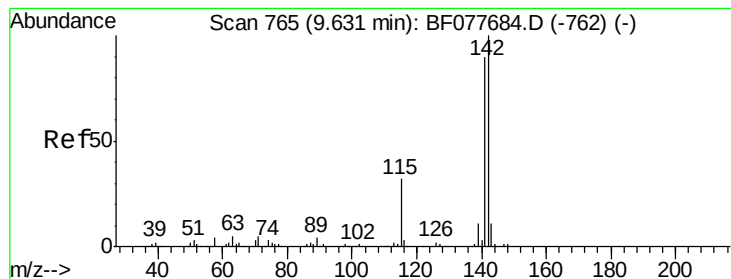
Tgt Ion:113 Resp: 24035
 Ion Ratio Lower Upper
 113 100
 55 177.9 145.9 185.9
 56 130.7 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 33.78 ng
 RT: 9.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:107 Resp: 79383
 Ion Ratio Lower Upper
 107 100
 144 23.0 23.3 34.9#
 142 72.5 72.6 109.0#

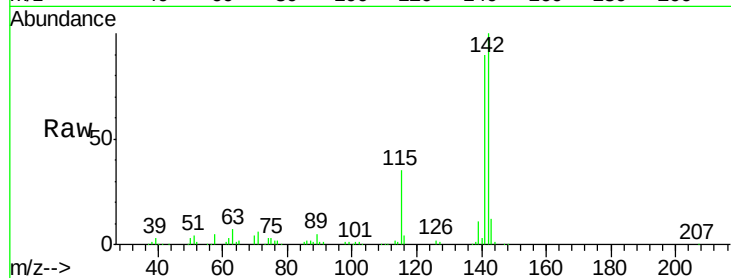




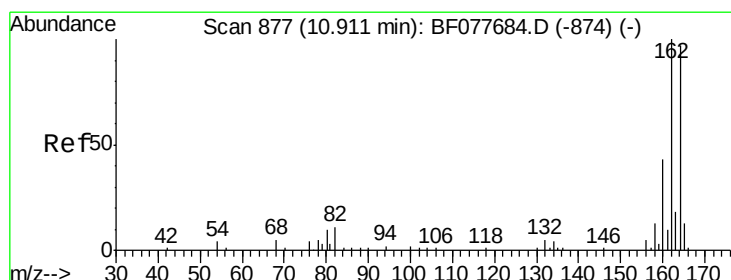
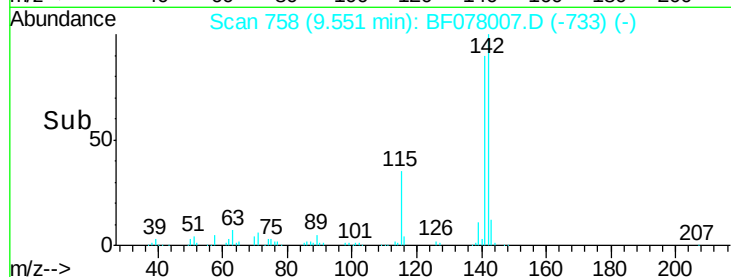
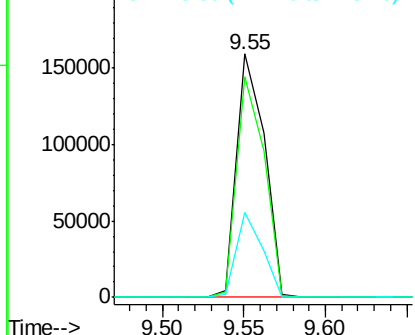
#37
 2-Methylnaphthalene
 Concen: 32.43 ng
 RT: 9.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion:142 Resp: 187051
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.9 107.9
 115 34.6 25.4 38.0

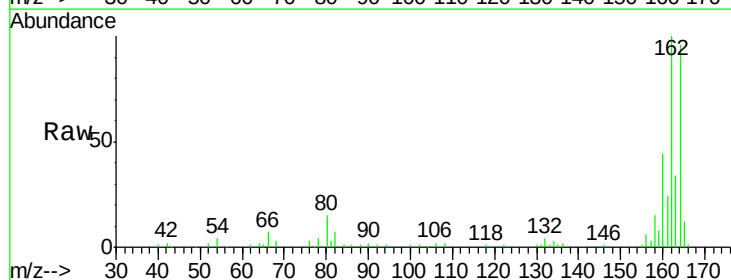


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

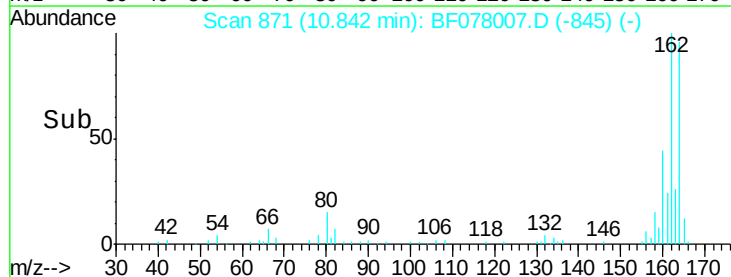
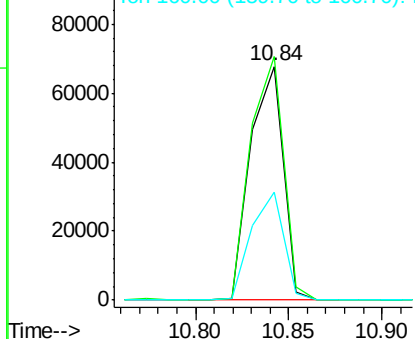


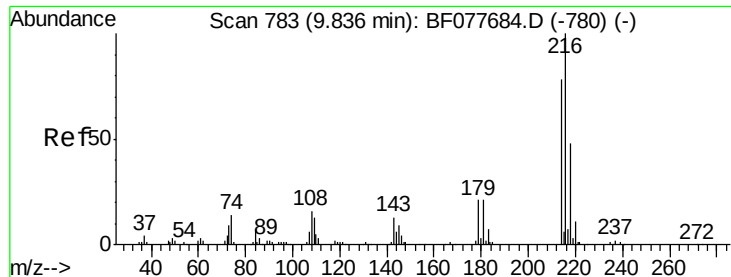
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:164 Resp: 82539
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.4 123.6
 160 46.0 35.8 53.6



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

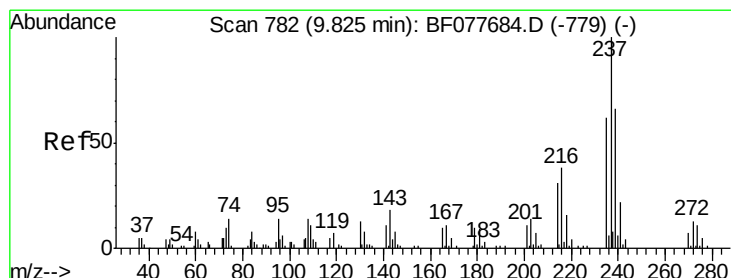
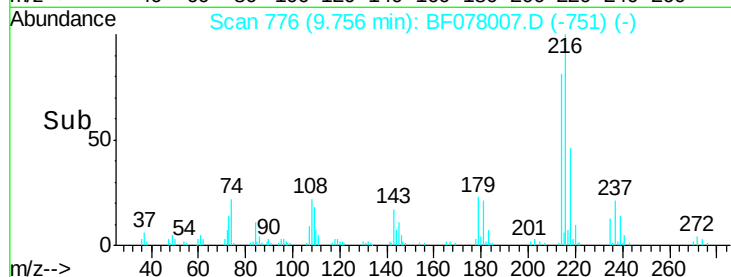
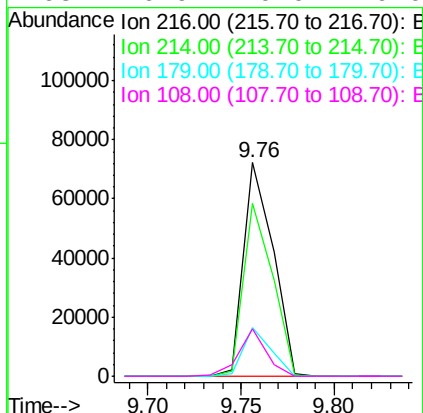
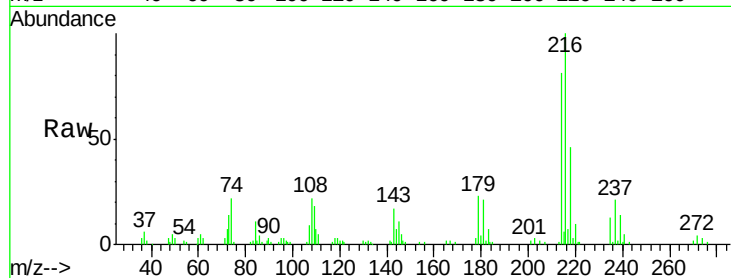




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.60 ng
 RT: 9.76 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

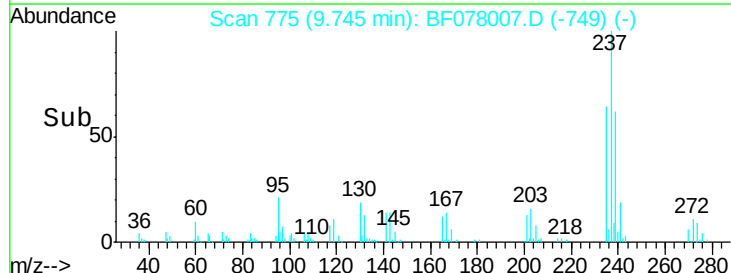
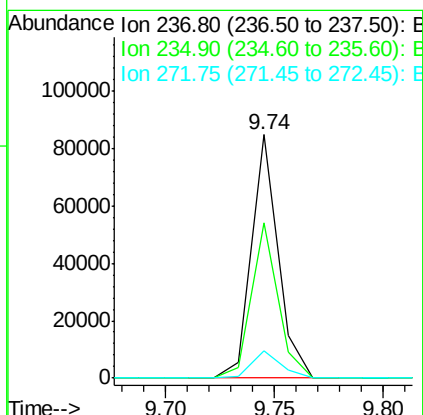
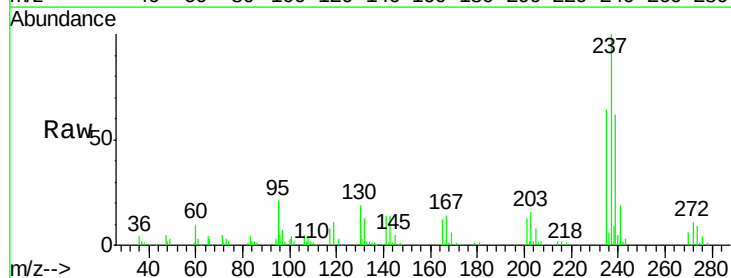
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

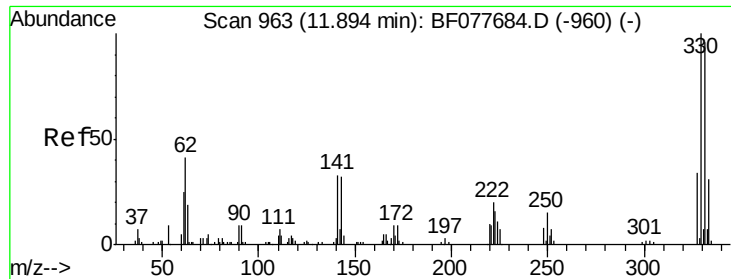
Tgt Ion:	216	Resp:	80244
Ion	Ratio	Lower	Upper
216	100		
214	79.6	0.0	0.0#
179	21.3	0.0	0.0#
108	20.9	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 59.56 ng
 RT: 9.74 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:	237	Resp:	72365
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.0	82.0
272	11.4	0.0	33.4

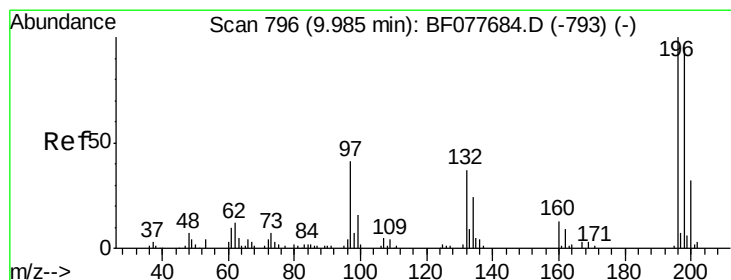
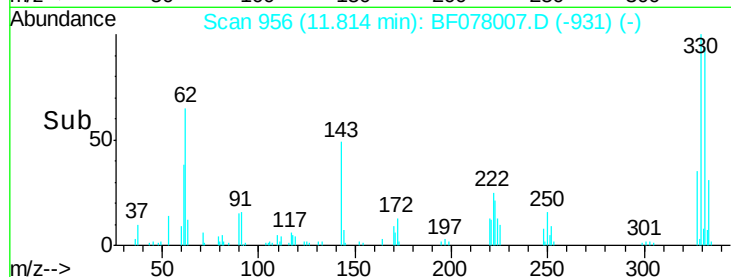
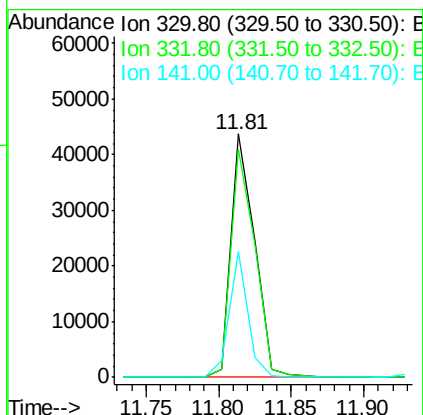
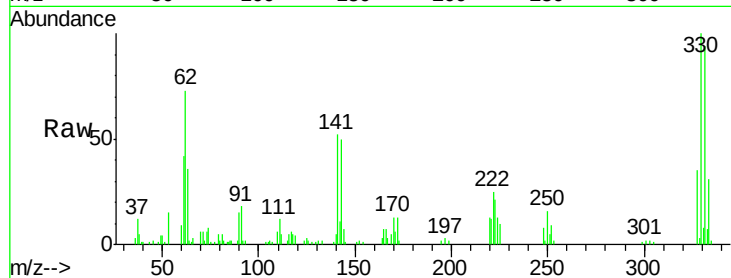




#41
 2,4,6-Tribromophenol
 Concen: 62.46 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

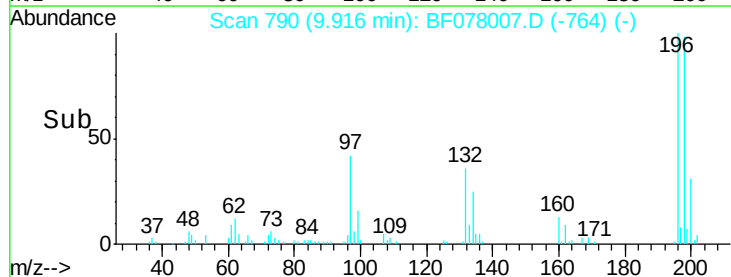
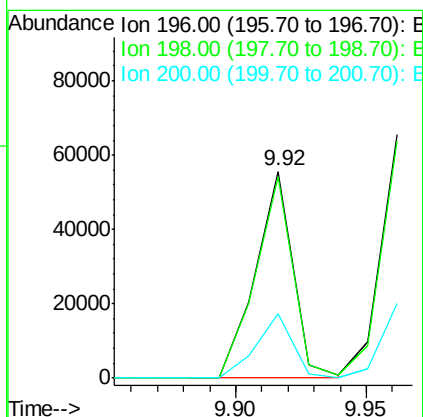
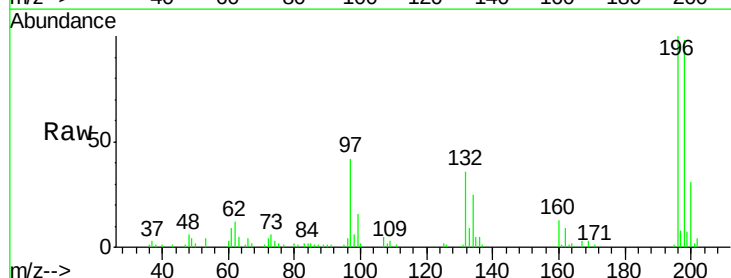
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

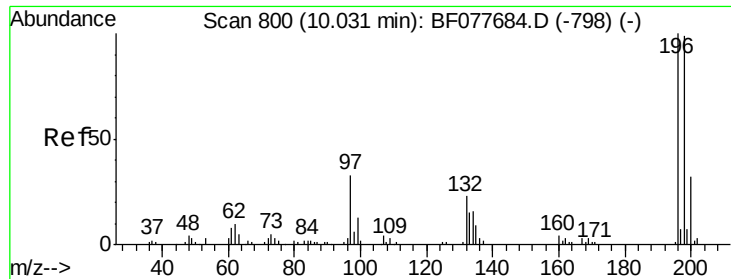
Tgt Ion:330 Resp: 49325
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 41.3 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 32.25 ng
 RT: 9.92 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:196 Resp: 54992
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.3 114.5
 200 31.3 25.6 38.4

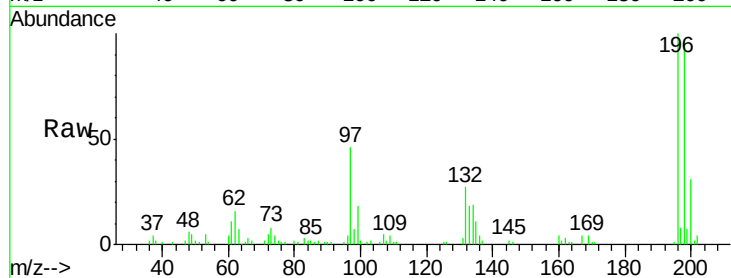




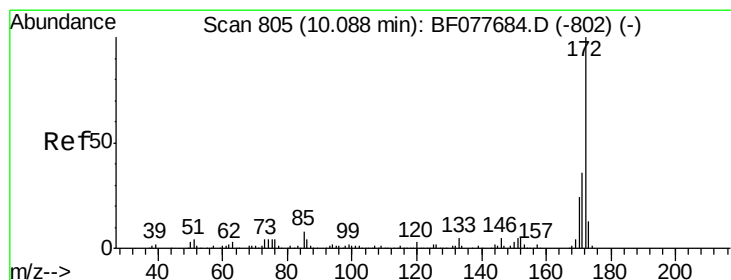
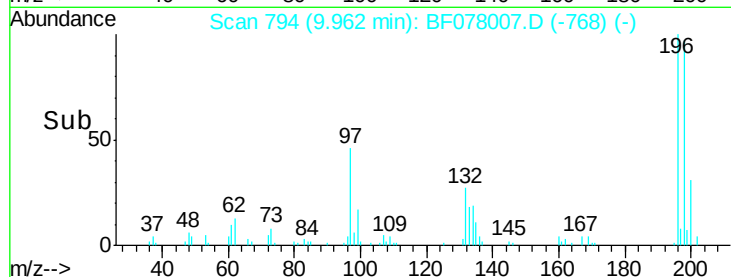
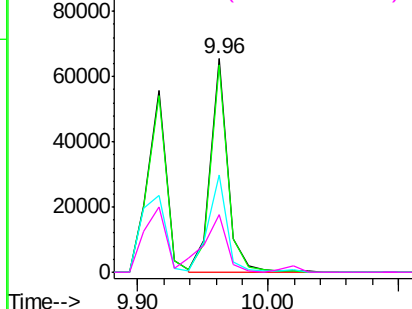
#43
 2,4,5-Trichlorophenol
 Concen: 33.31 ng
 RT: 9.96 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion:196 Resp: 61361
 Ion Ratio Lower Upper
 196 100
 198 97.4 79.4 119.0
 97 45.8 26.8 40.2#
 132 27.2 18.6 28.0

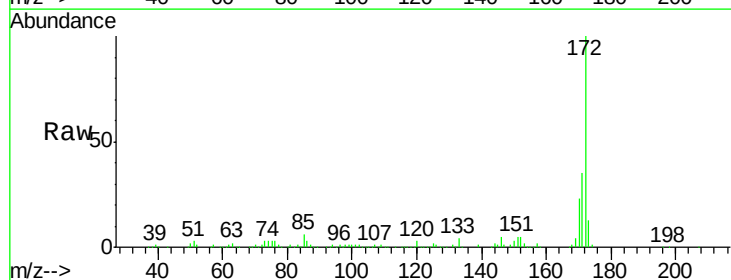


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

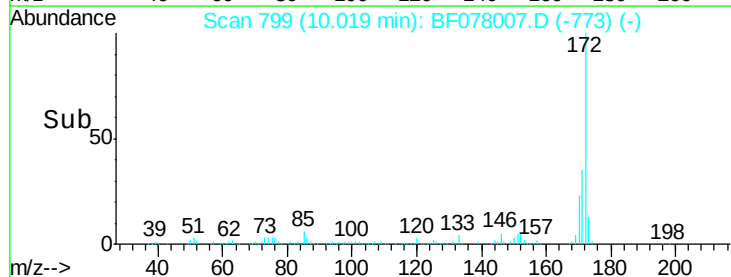
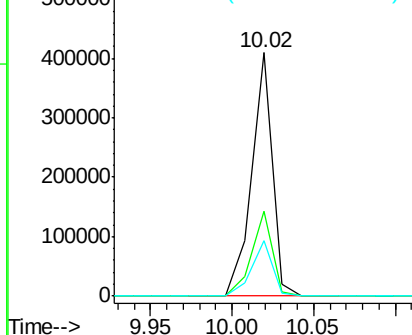


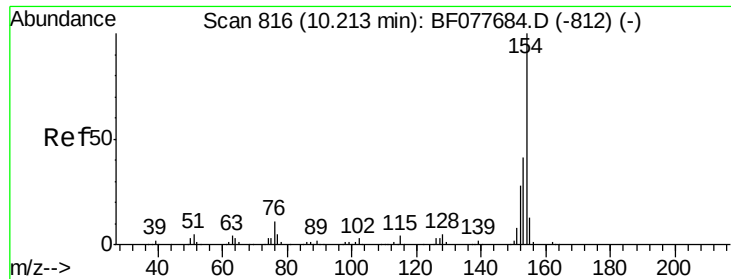
#44
 2-Fluorobiphenyl
 Concen: 63.90 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:172 Resp: 358886
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 22.8 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

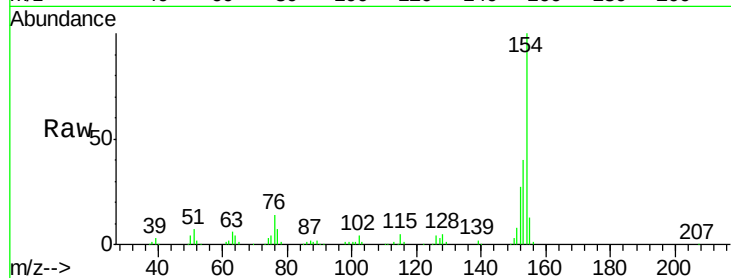




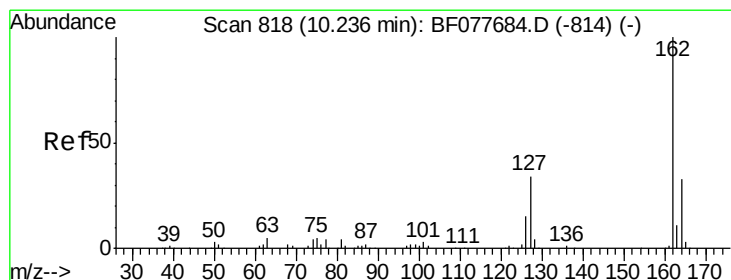
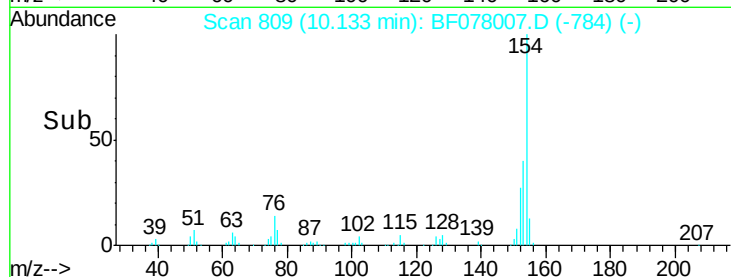
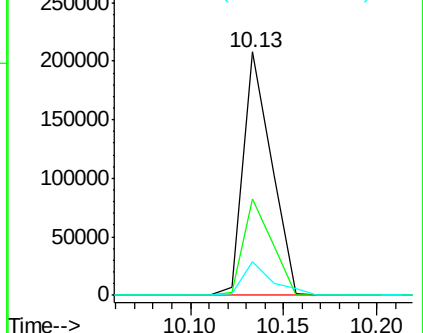
#45
 1,1'-Biphenyl
 Concen: 33.09 ng
 RT: 10.13 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion:154 Resp: 218320
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.7 60.7
 76 13.8 0.0 30.9

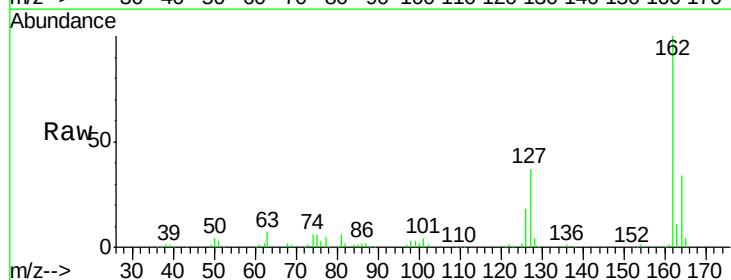


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

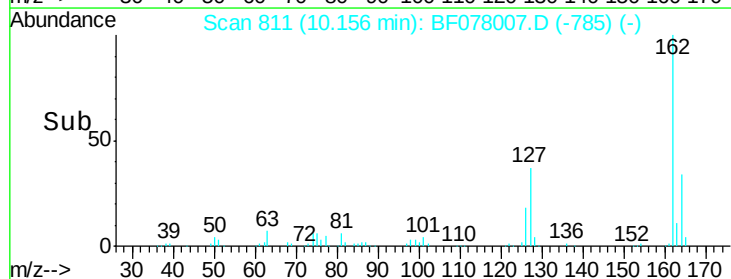
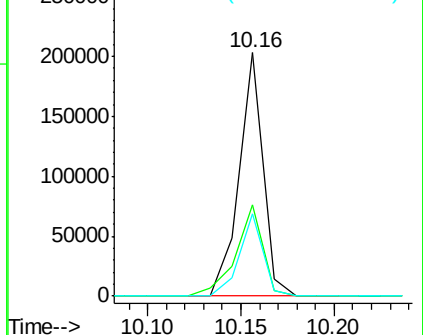


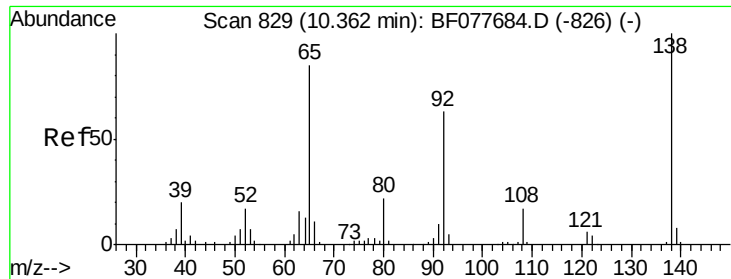
#46
 2-Chloronaphthalene
 Concen: 34.07 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:162 Resp: 182697
 Ion Ratio Lower Upper
 162 100
 127 37.4 26.9 40.3
 164 33.6 26.8 40.2



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

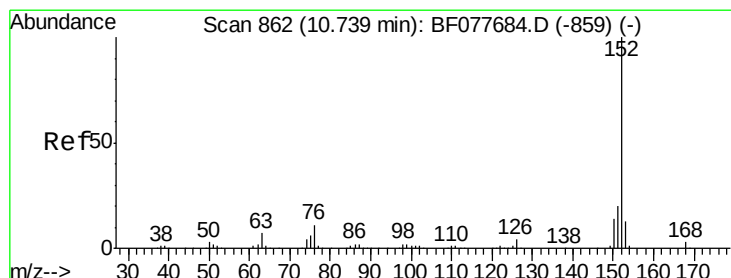
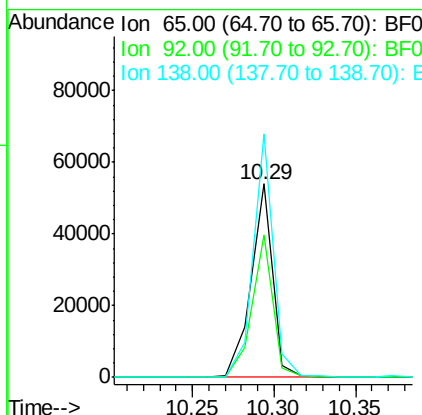
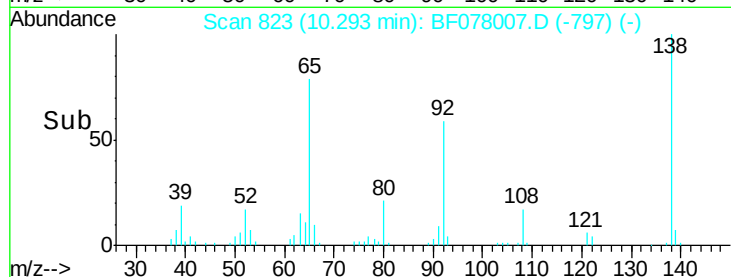
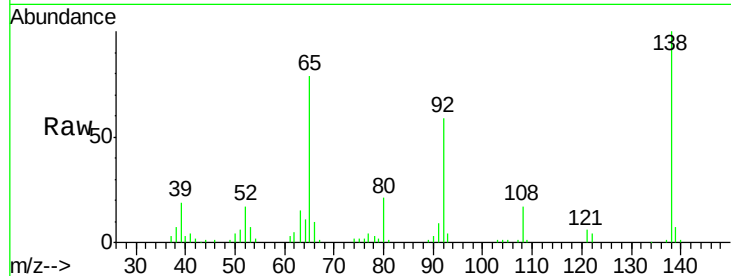




#47
 2-Nitroaniline
 Concen: 37.25 ng
 RT: 10.29 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

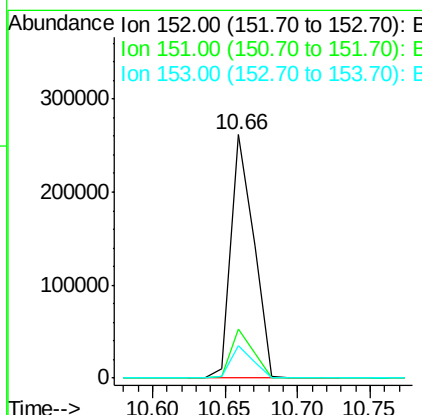
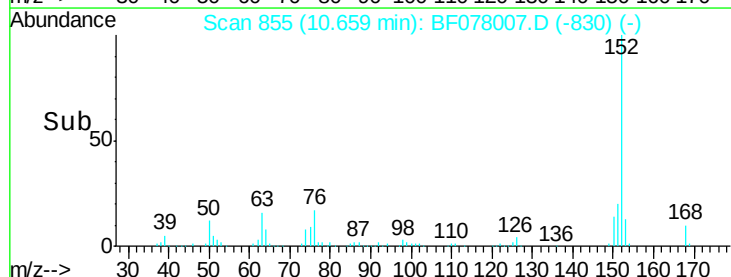
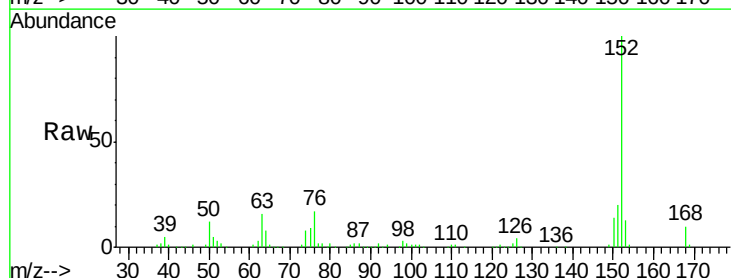
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

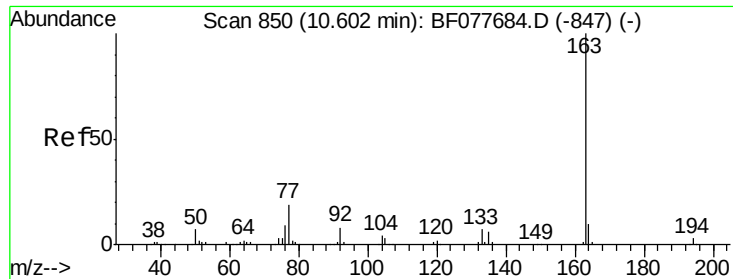
Tgt Ion: 65 Resp: 49602
 Ion Ratio Lower Upper
 65 100
 92 73.9 59.1 88.7
 138 125.8 93.9 140.9



#48
 Acenaphthylene
 Concen: 32.07 ng
 RT: 10.66 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion: 152 Resp: 285934
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.9 23.9
 153 13.1 10.6 16.0

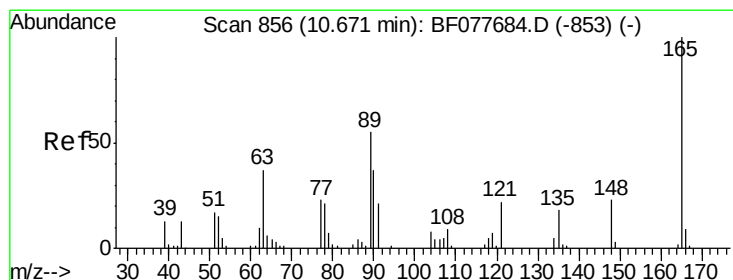
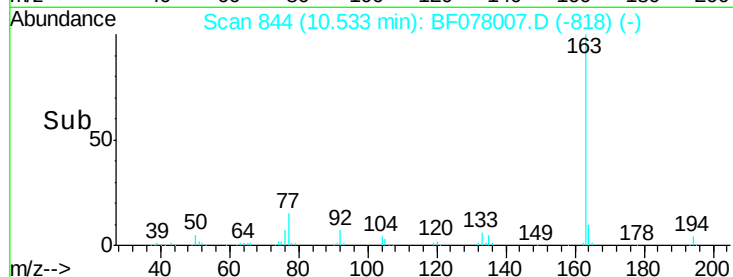
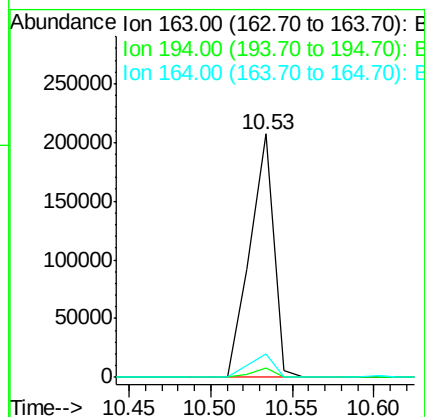
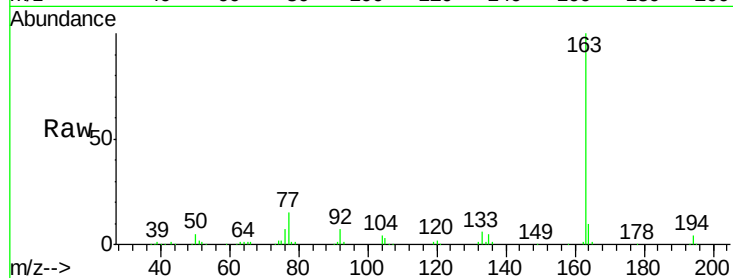




#49
Dimethylphthalate
Concen: 34.23 ng
RT: 10.53 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

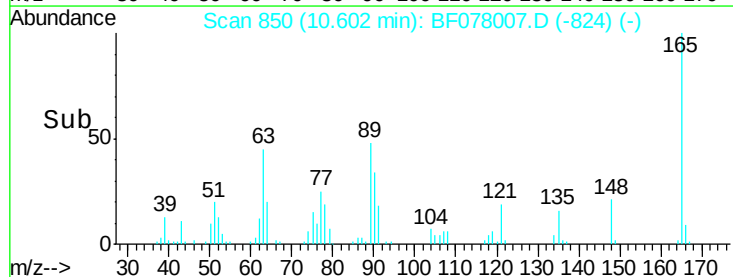
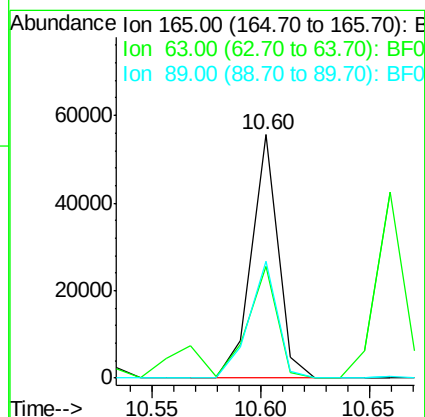
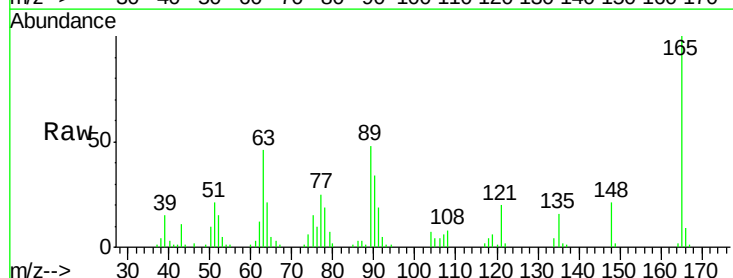
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

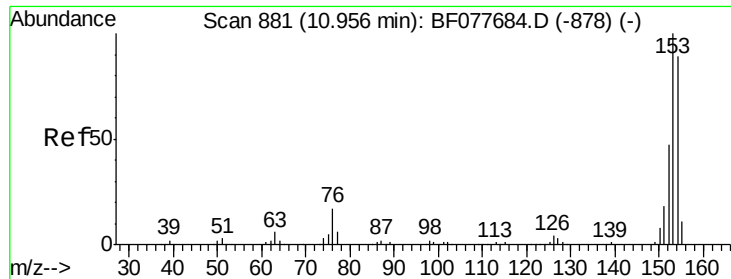
Tgt Ion:163 Resp: 209525
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 37.31 ng
RT: 10.60 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:165 Resp: 47340
Ion Ratio Lower Upper
165 100
63 46.1 44.1 66.1
89 48.0 44.3 66.5

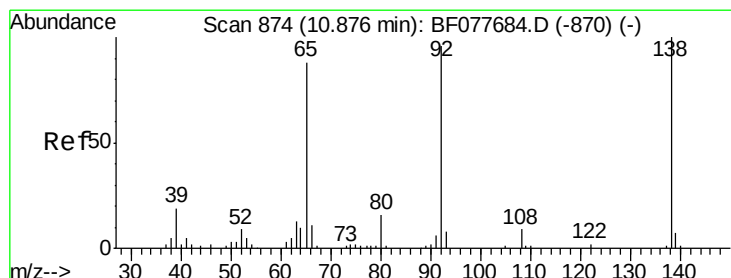
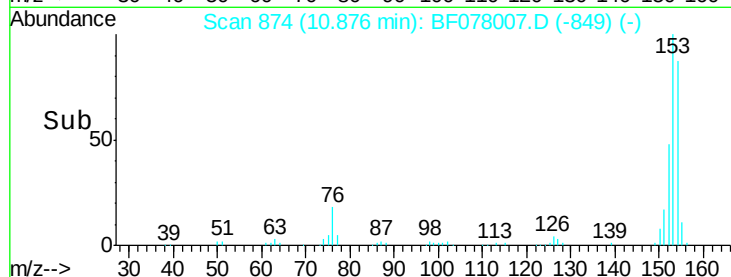
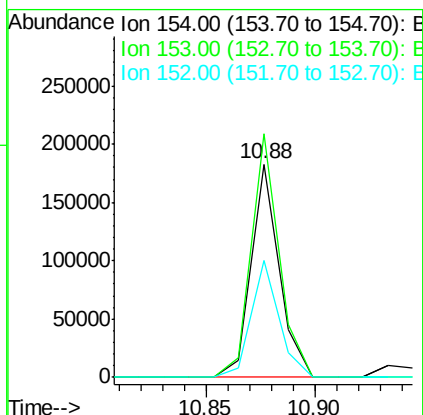
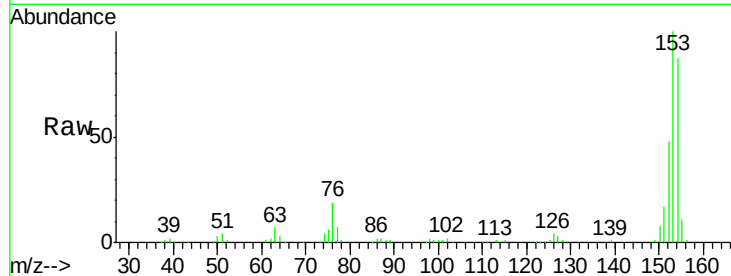




#51
Acenaphthene
Concen: 32.01 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

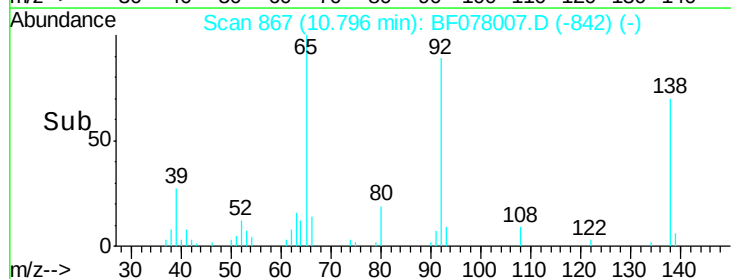
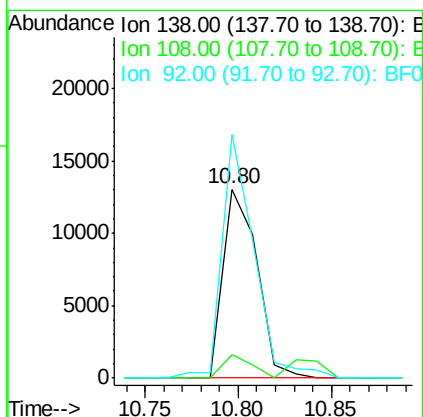
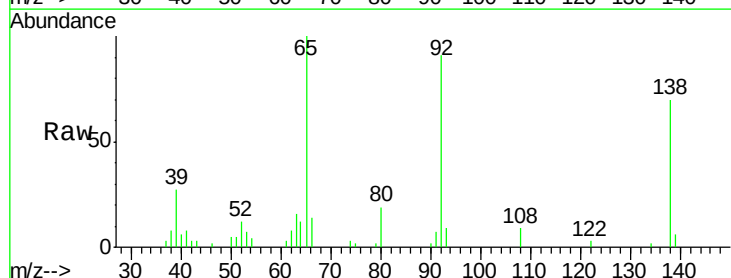
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

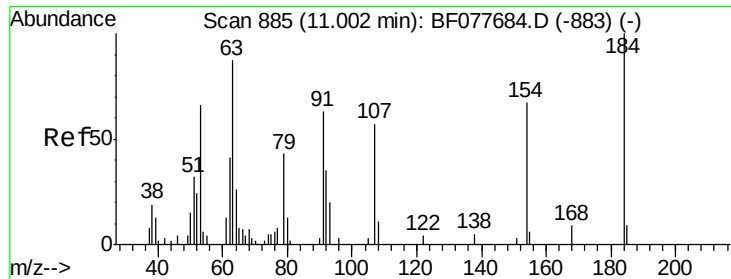
Tgt Ion:154 Resp: 163638
Ion Ratio Lower Upper
154 100
153 114.4 90.0 135.0
152 54.7 42.6 63.8



#52
3-Nitroaniline
Concen: 11.29 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:138 Resp: 16641
Ion Ratio Lower Upper
138 100
108 12.6 7.3 10.9#
92 128.8 76.6 114.8#

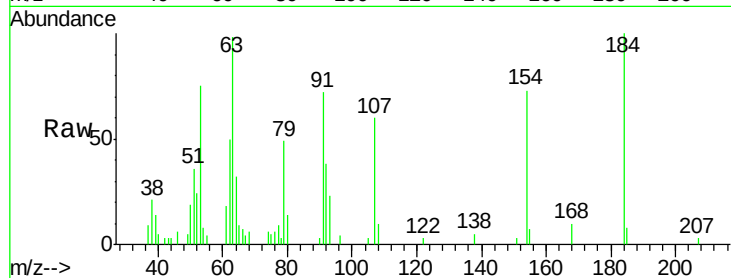




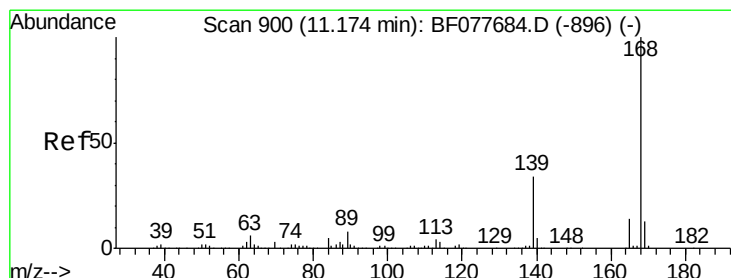
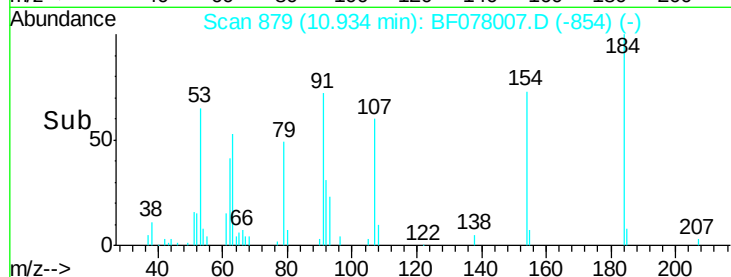
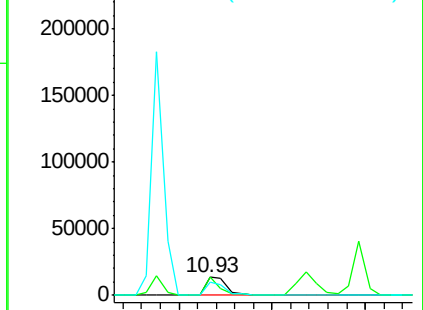
#53
2,4-Dinitrophenol
Concen: 53.36 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:184 Resp: 23487
Ion Ratio Lower Upper
184 100
63 97.9 69.2 103.8
154 73.1 53.3 79.9

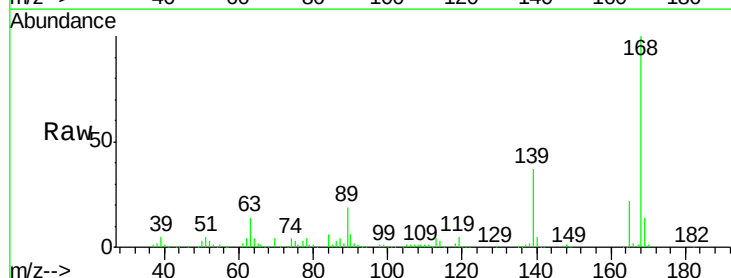


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

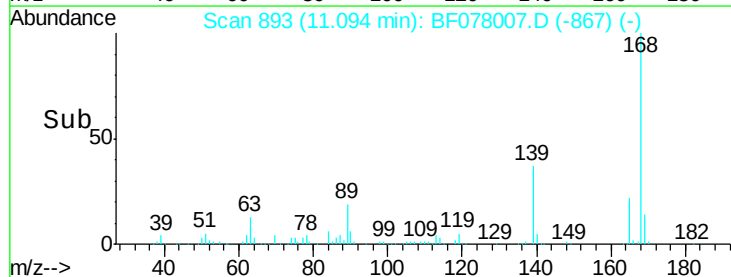
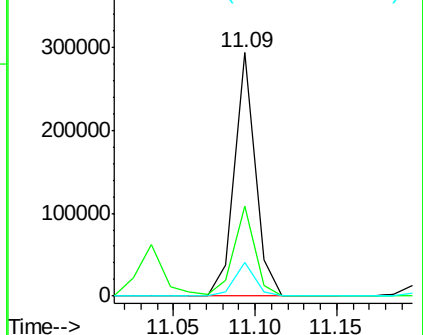


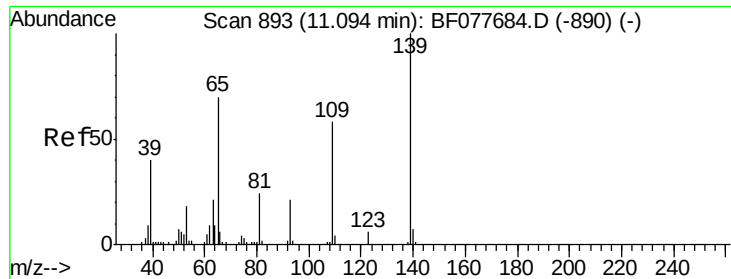
#54
Dibenzofuran
Concen: 34.10 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:168 Resp: 258531
Ion Ratio Lower Upper
168 100
139 37.2 27.3 40.9
169 13.6 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

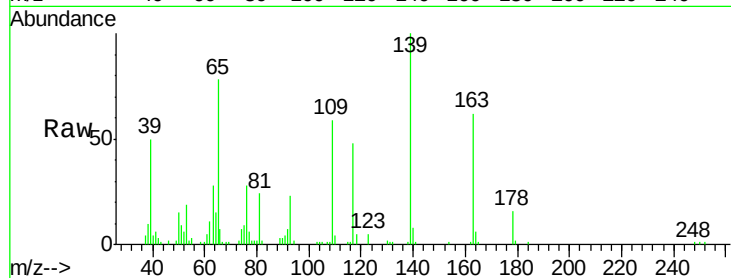




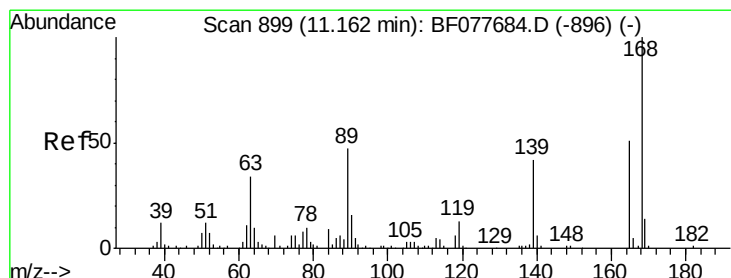
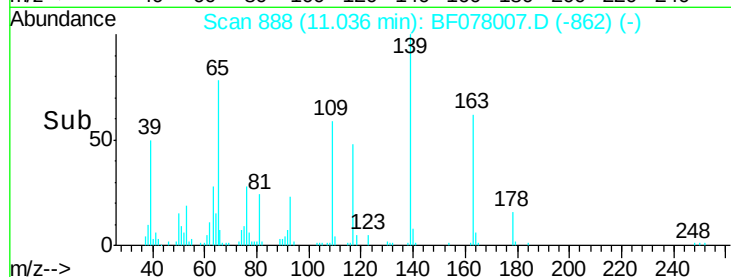
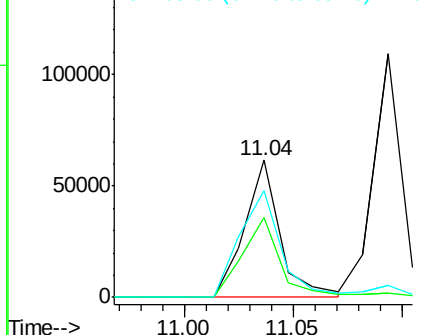
#55
4-Nitrophenol
Concen: 64.06 ng
RT: 11.04 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:139 Resp: 69934
Ion Ratio Lower Upper
139 100
109 58.6 37.7 77.7
65 77.6 49.9 89.9

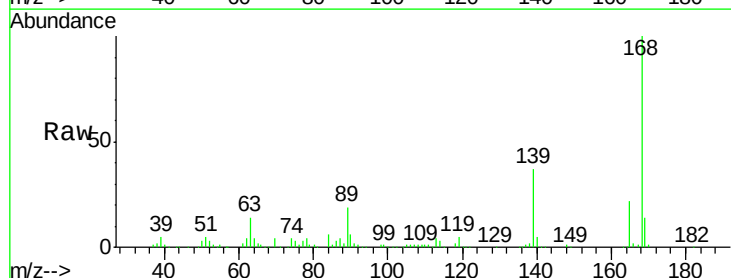


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

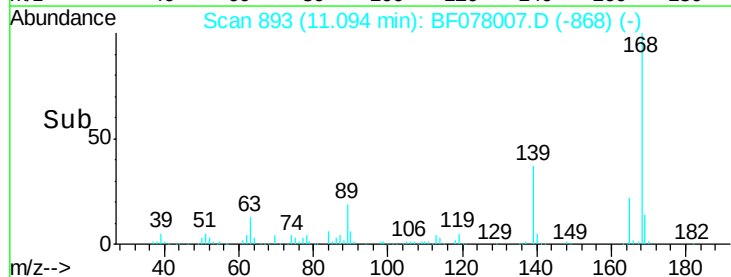
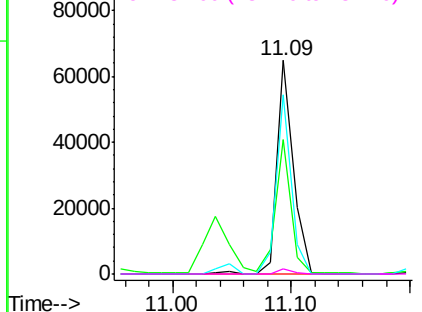


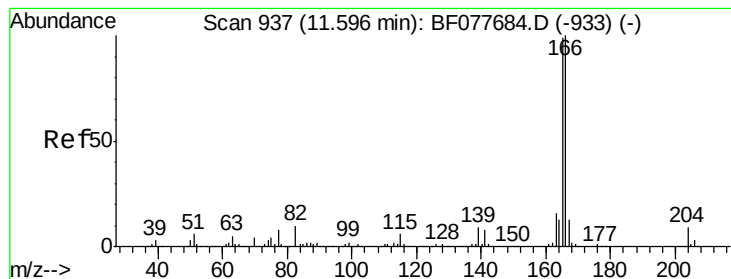
#56
2,4-Dinitrotoluene
Concen: 37.53 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:165 Resp: 62093
Ion Ratio Lower Upper
165 100
63 62.7 52.4 78.6
89 84.0 72.4 108.6
182 2.2 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: 33.39 ng

RT: 11.52 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

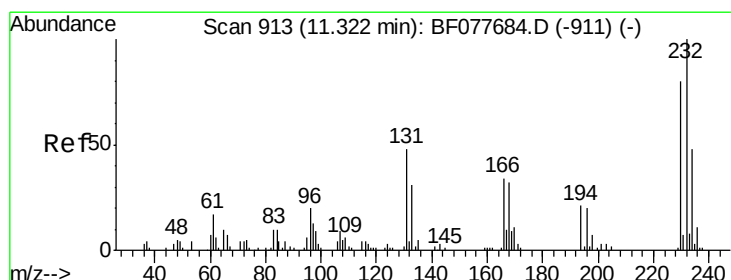
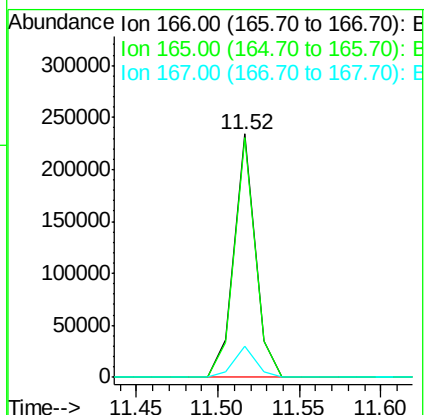
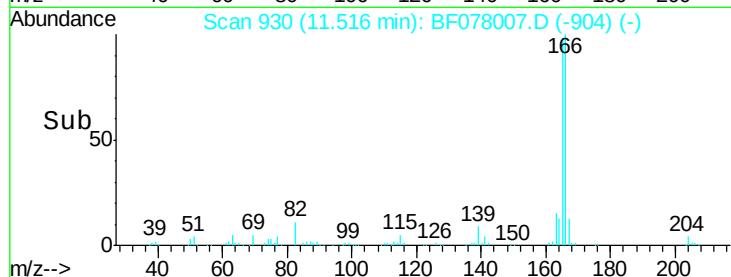
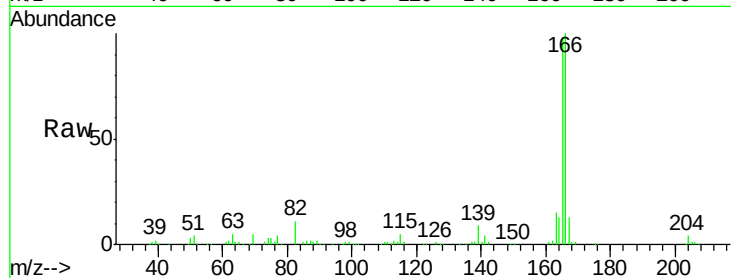
Tgt Ion:166 Resp: 210244

Ion Ratio Lower Upper

166 100

165 98.2 79.0 118.4

167 12.7 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.66 ng

RT: 11.25 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Tgt Ion:232 Resp: 49161

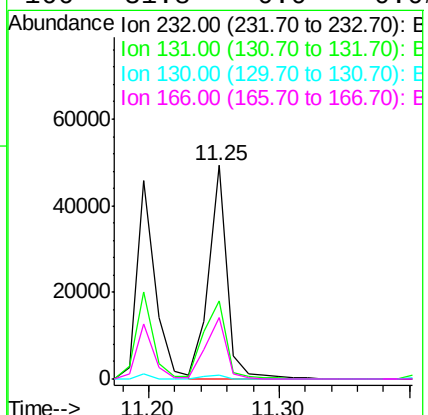
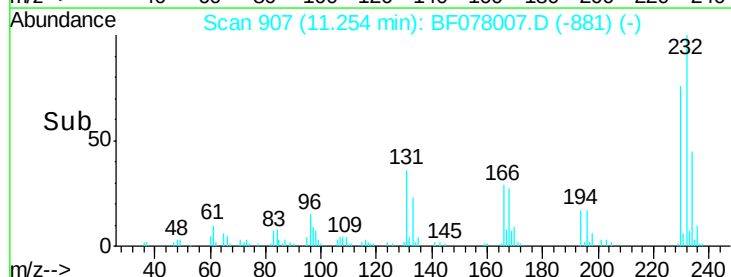
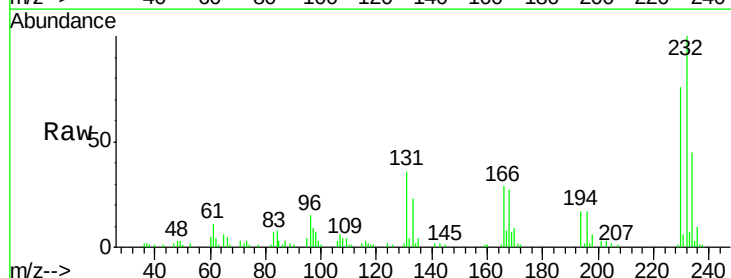
Ion Ratio Lower Upper

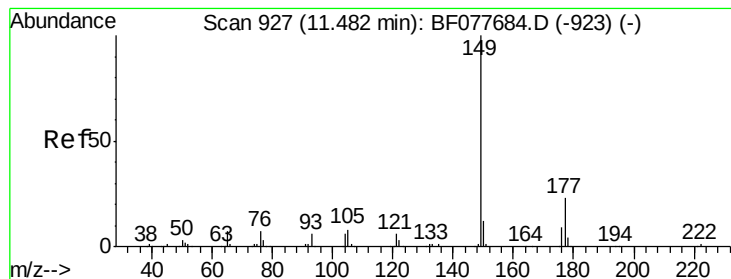
232 100

131 44.4 0.0 0.0#

130 2.1 0.0 0.0#

166 31.8 0.0 0.0#





#59

Diethylphthalate

Concen: 34.32 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

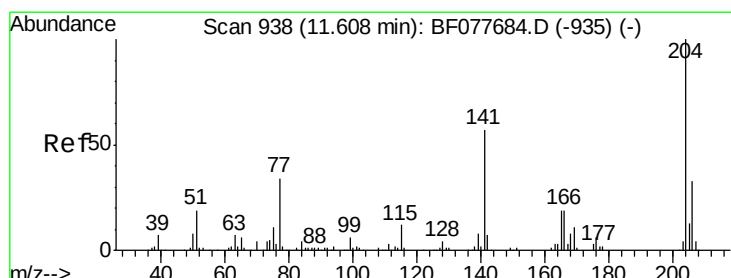
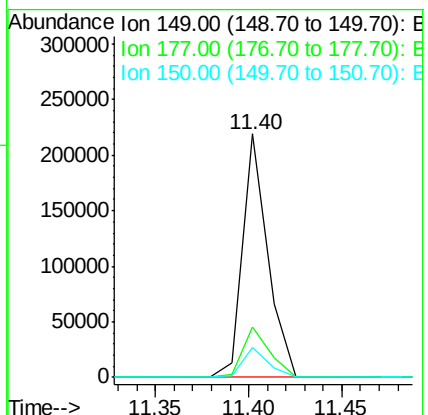
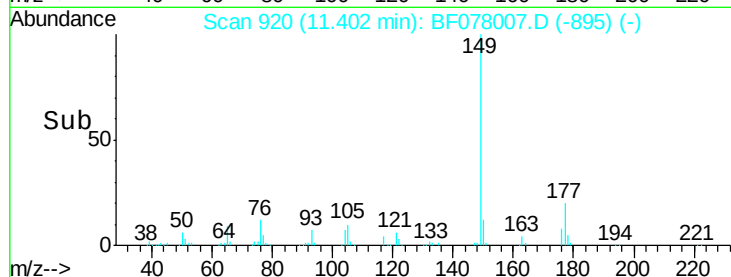
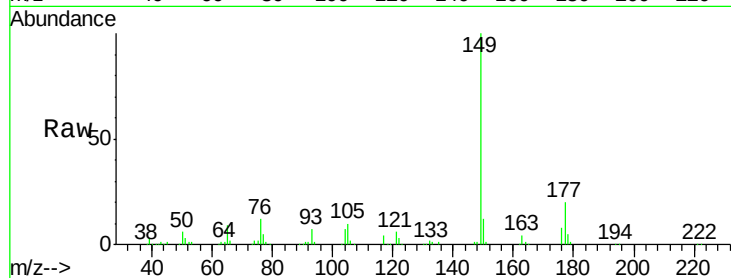
Tgt Ion:149 Resp: 204684

Ion Ratio Lower Upper

149 100

177 20.4 18.3 27.5

150 12.5 9.8 14.8



#60

4-Chlorophenyl-phenylether

Concen: 32.69 ng

RT: 11.53 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

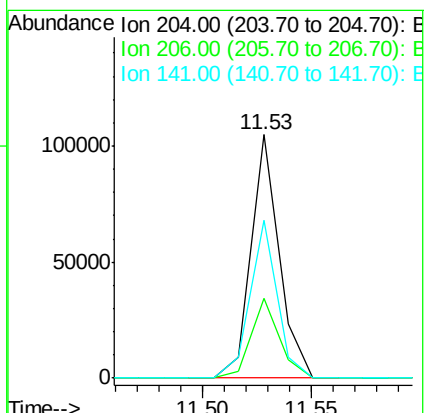
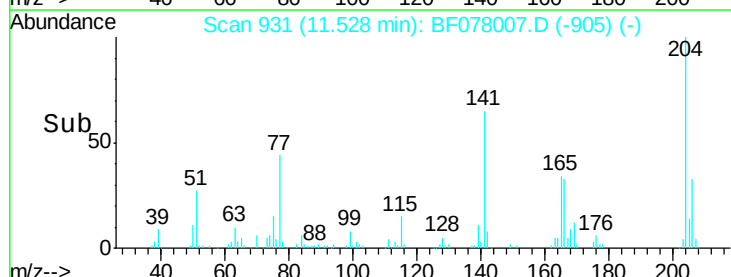
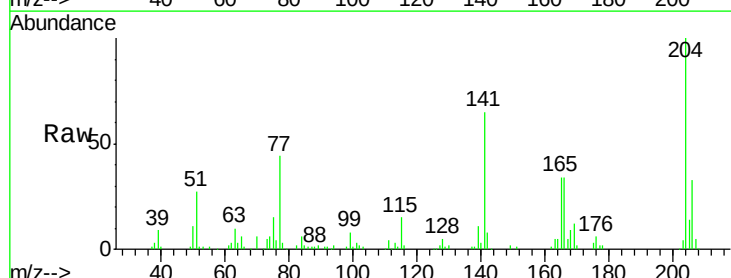
Tgt Ion:204 Resp: 93936

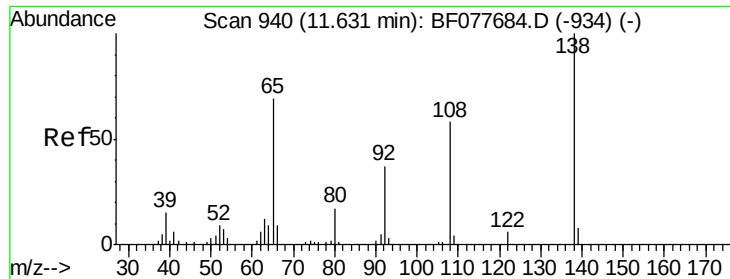
Ion Ratio Lower Upper

204 100

206 32.8 26.6 39.8

141 64.8 45.2 67.8

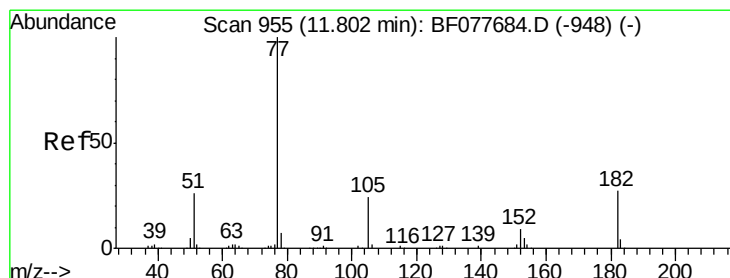
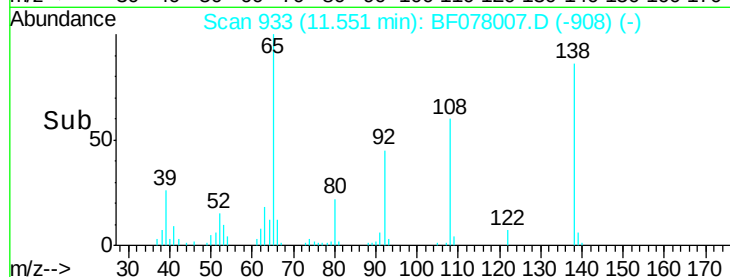
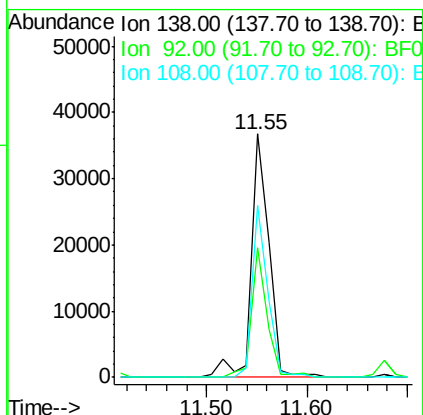
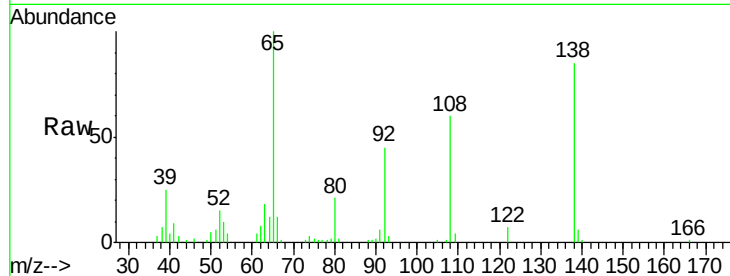




#61
4-Nitroaniline
Concen: 30.49 ng
RT: 11.55 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

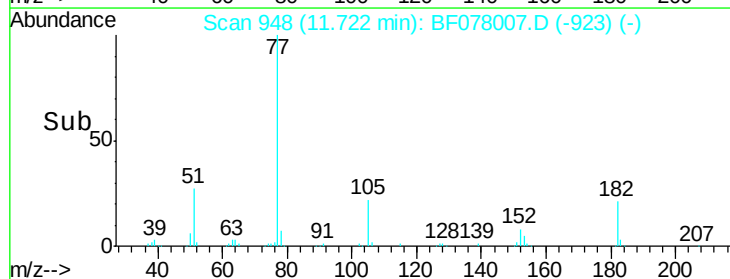
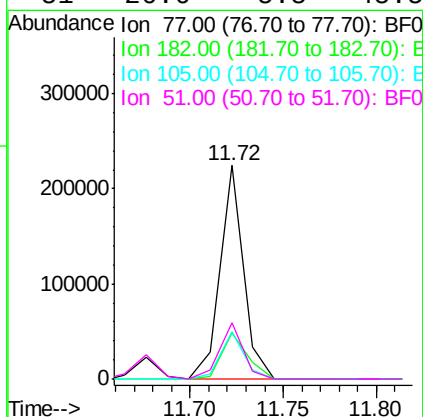
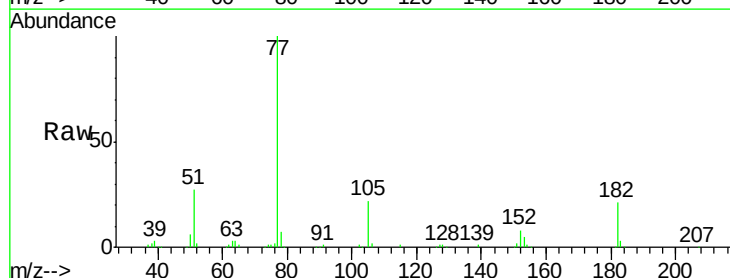
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

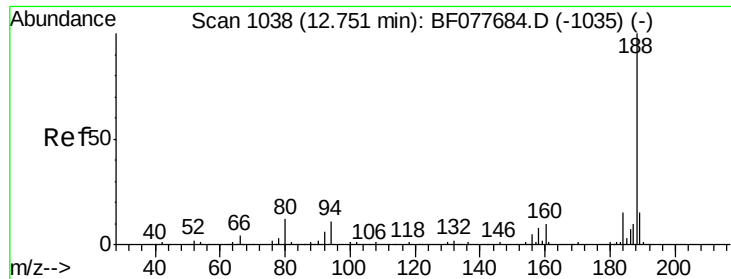
Tgt Ion:138 Resp: 44785
Ion Ratio Lower Upper
138 100
92 53.0 16.7 56.7
108 70.5 37.6 77.6



#62
Azobenzene
Concen: 34.58 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion: 77 Resp: 197151
Ion Ratio Lower Upper
77 100
182 21.4 6.5 46.5
105 22.0 3.8 43.8
51 26.6 5.5 45.5

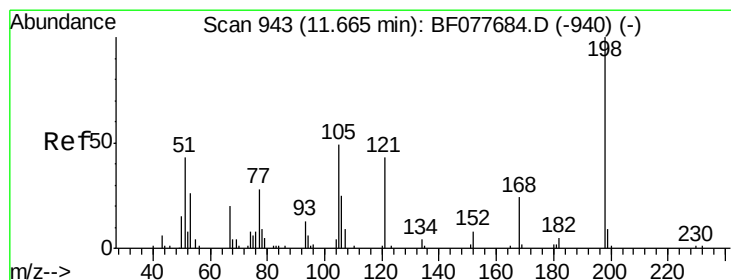
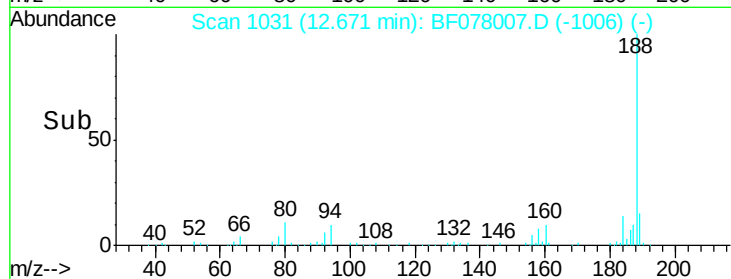
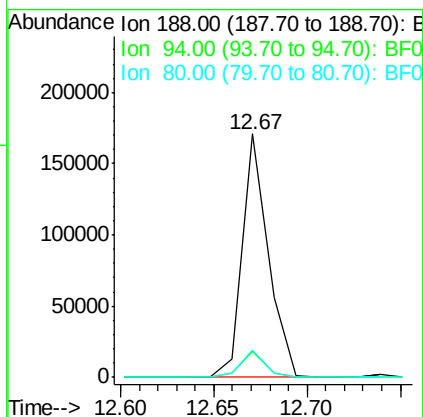
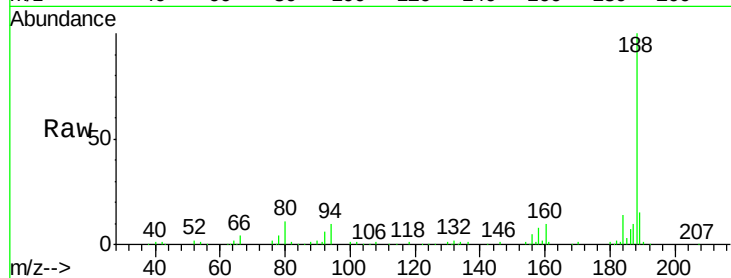




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

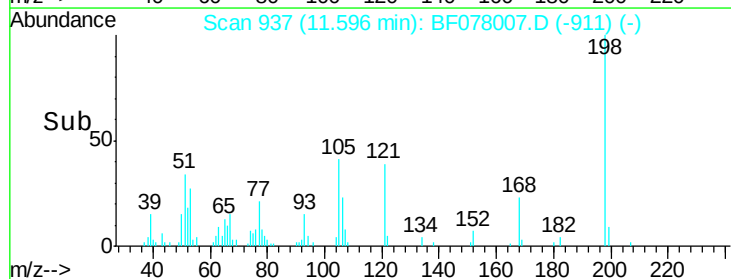
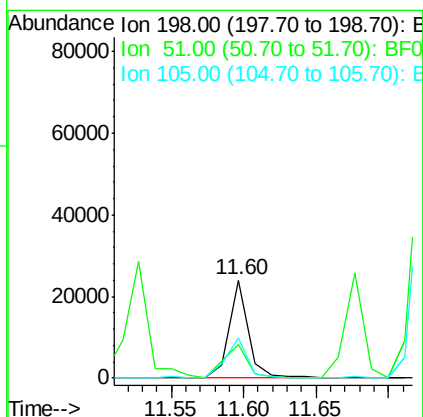
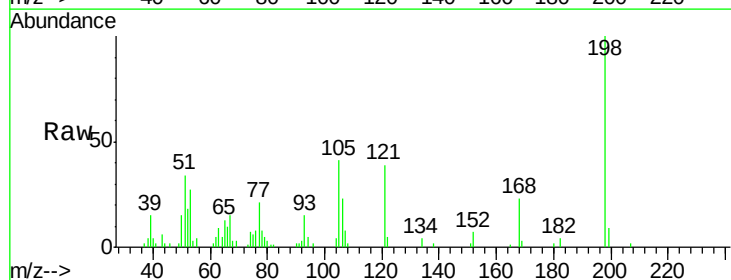
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

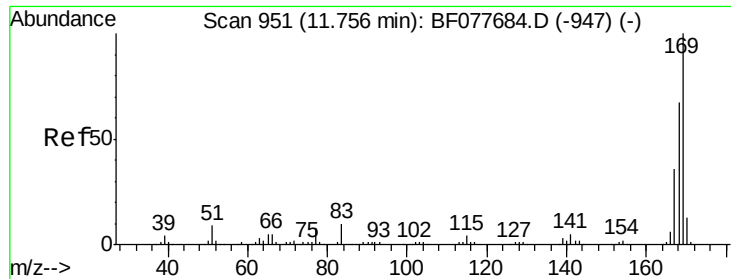
Tgt Ion:188 Resp: 165135
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.1 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 30.01 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:198 Resp: 22023
Ion Ratio Lower Upper
198 100
51 34.0 28.8 68.8
105 41.3 30.5 70.5

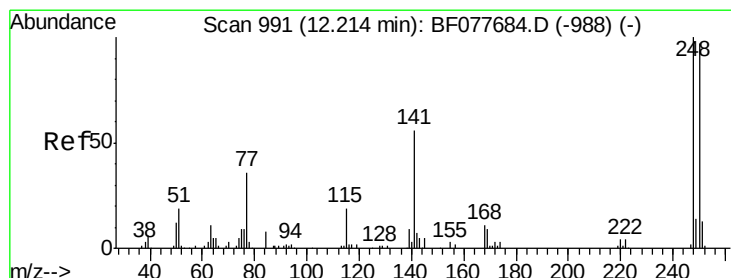
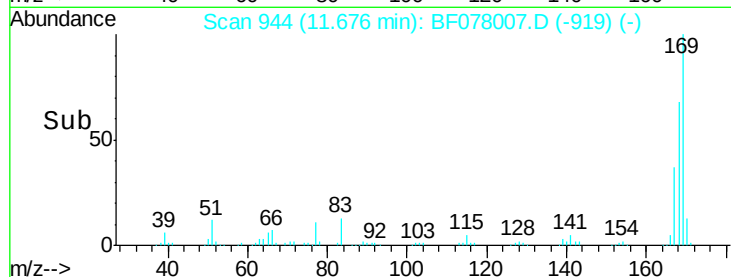
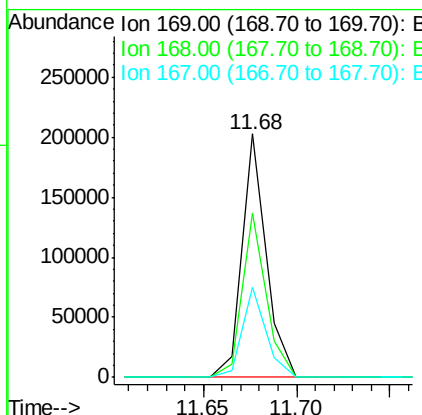
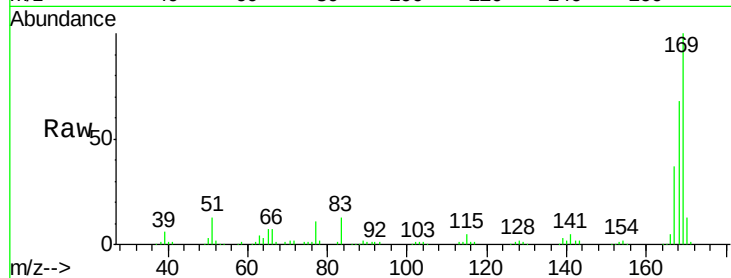




#65
 n-Nitrosodiphenylamine
 Concen: 33.05 ng
 RT: 11.68 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

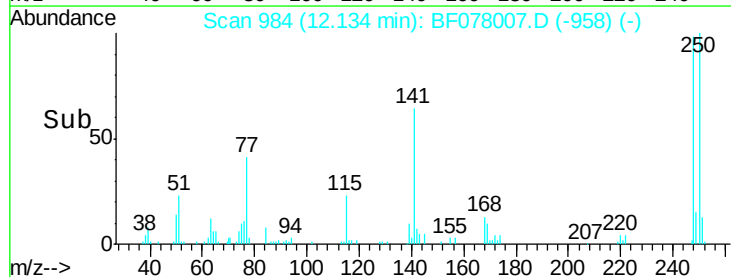
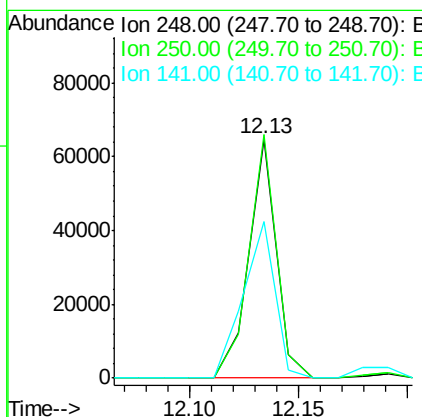
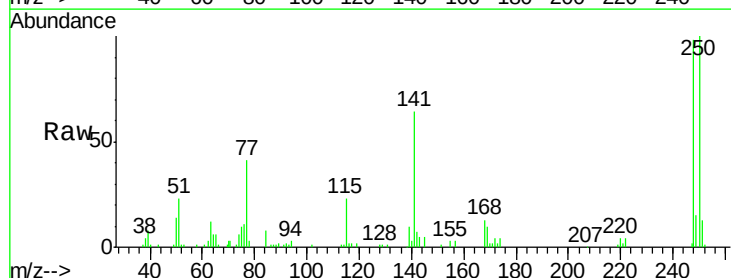
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

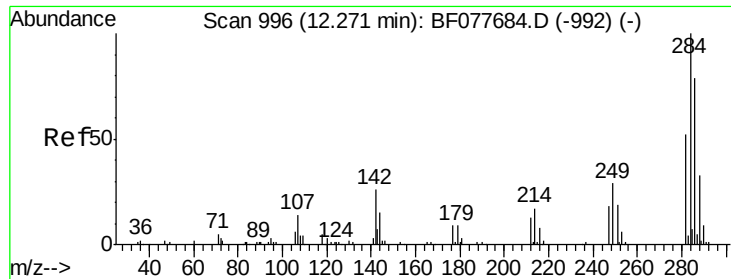
Tgt Ion:169 Resp: 181757
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.9 80.9
 167 36.9 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 32.31 ng
 RT: 12.13 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:248 Resp: 56937
 Ion Ratio Lower Upper
 248 100
 250 102.0 77.4 116.0
 141 65.7 45.2 67.8

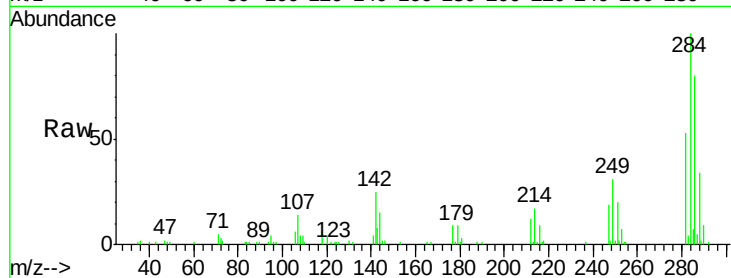




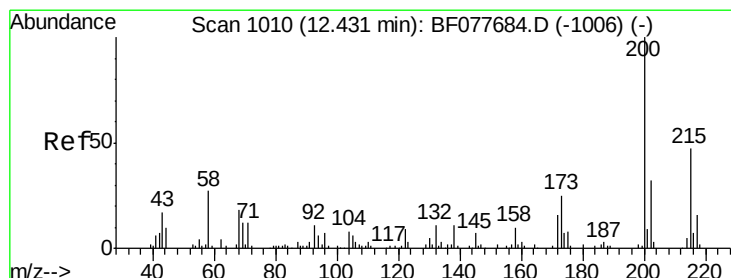
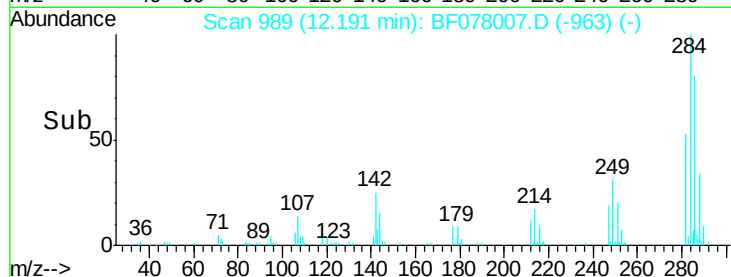
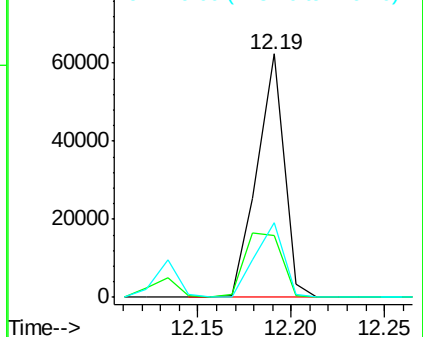
#67
Hexachlorobenzene
Concen: 32.44 ng
RT: 12.19 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:284 Resp: 62820
Ion Ratio Lower Upper
284 100
142 25.4 20.4 30.6
249 30.6 23.8 35.6

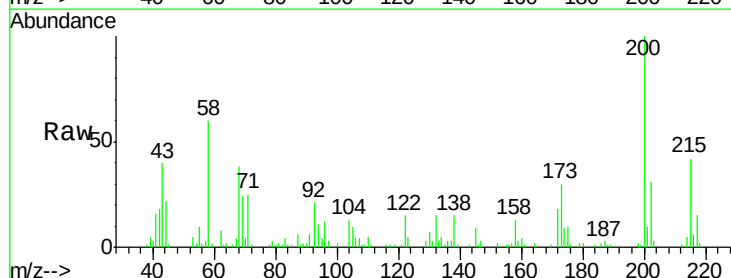


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

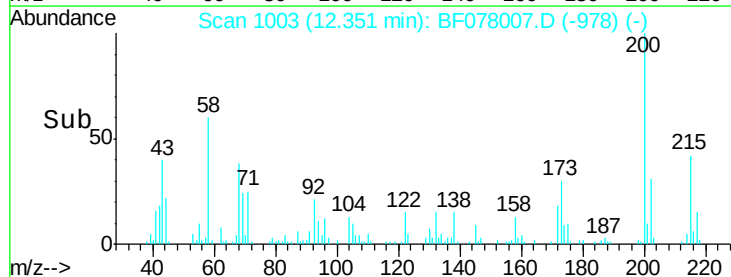
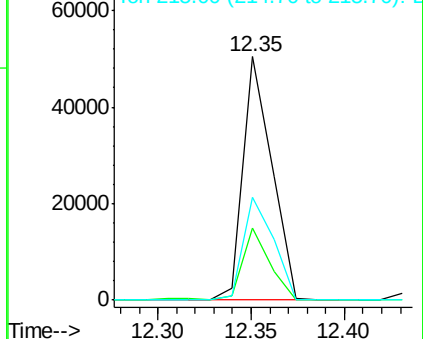


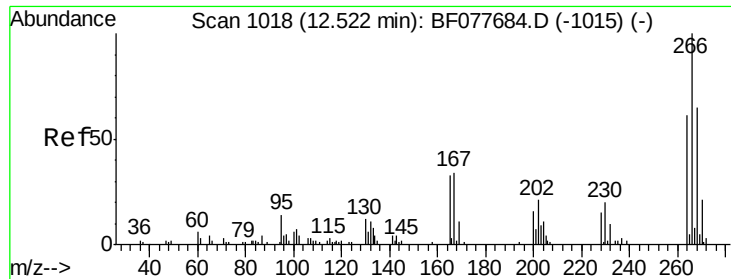
#68
Atrazine
Concen: 35.13 ng
RT: 12.35 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:200 Resp: 54133
Ion Ratio Lower Upper
200 100
173 29.6 4.8 44.8
215 42.0 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

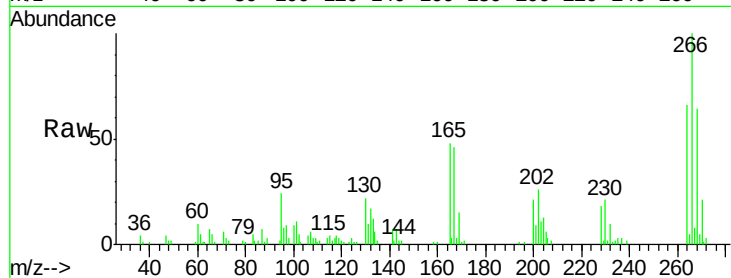




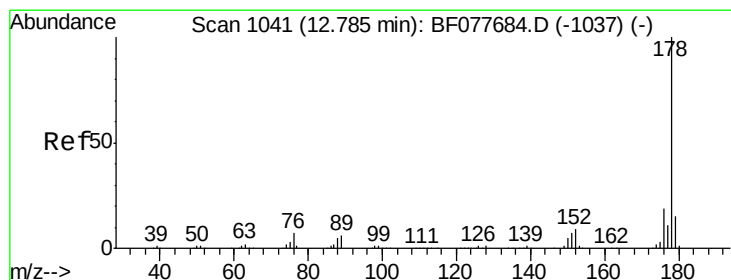
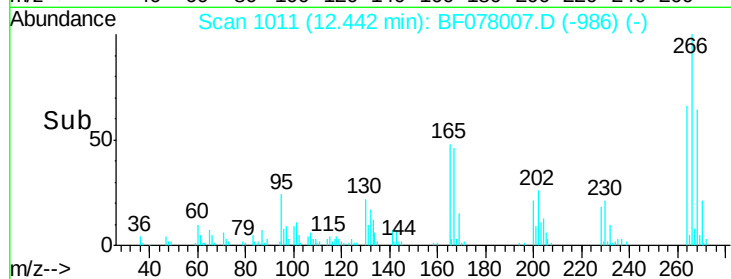
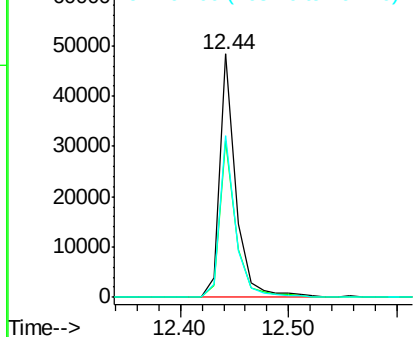
#69
 Pentachlorophenol
 Concen: 51.02 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion:266 Resp: 50568
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.0 78.0
 264 66.2 49.0 73.4

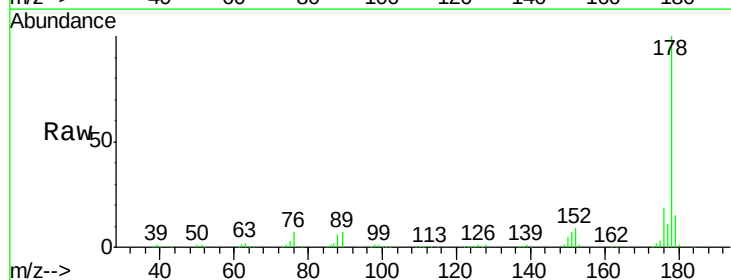


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

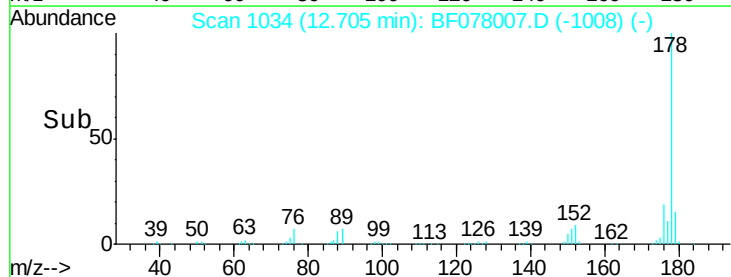
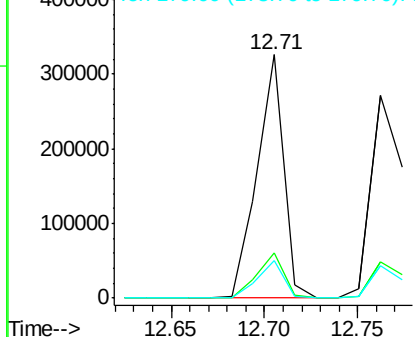


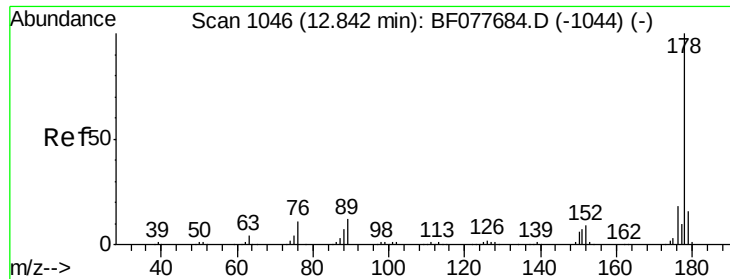
#70
 Phenanthrene
 Concen: 34.37 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:178 Resp: 325851
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.5 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

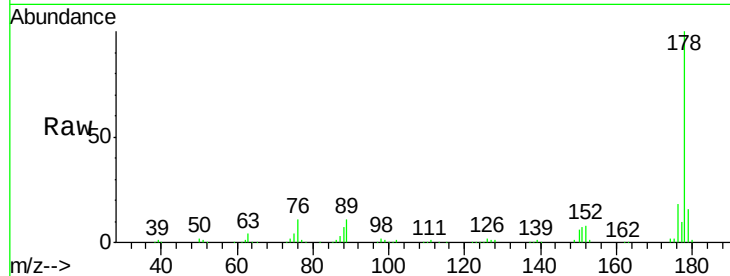




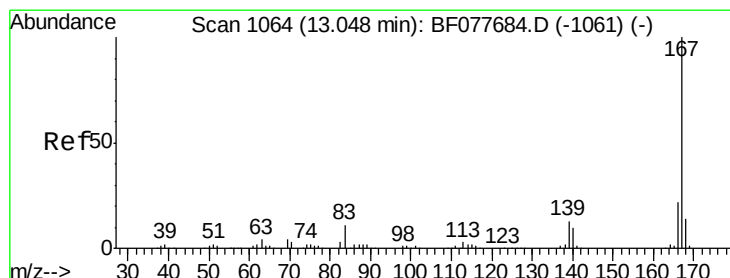
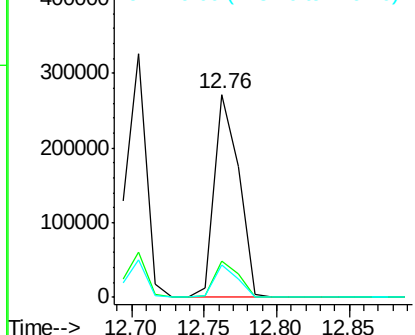
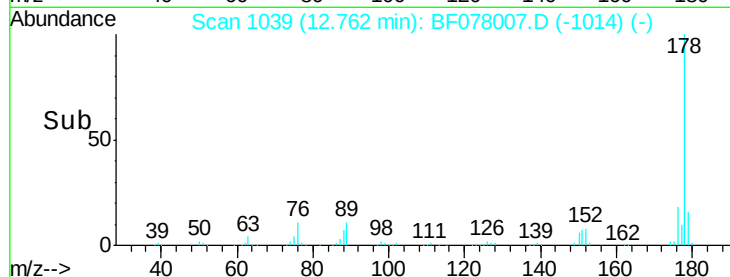
#71
 Anthracene
 Concen: 34.08 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion:178 Resp: 319188
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.6 22.0
 179 15.8 12.6 19.0

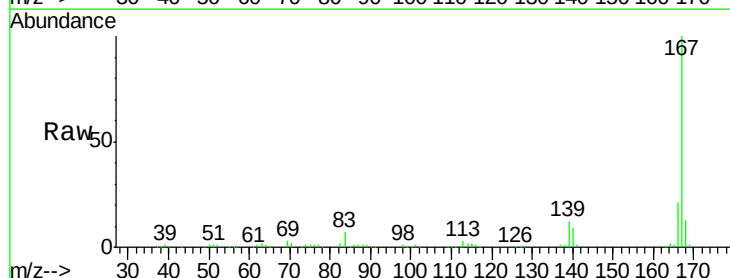


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

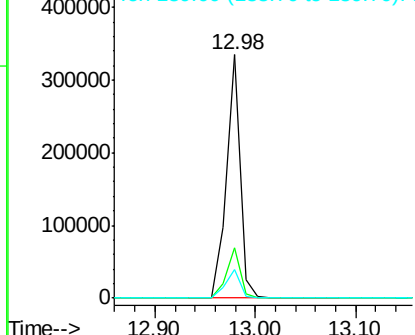
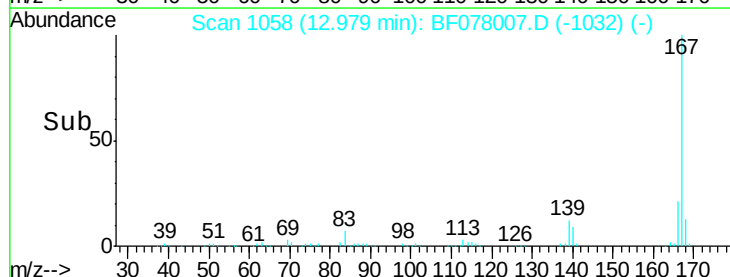


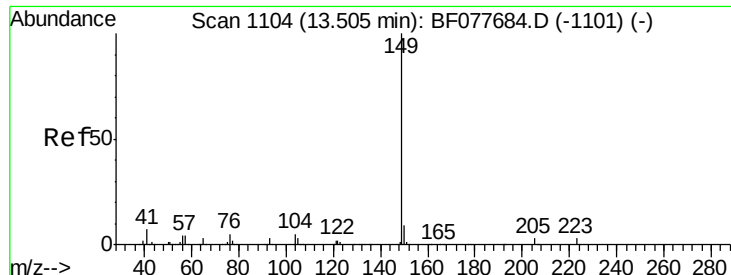
#72
 Carbazole
 Concen: 35.66 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:167 Resp: 317674
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 11.6 10.8 16.2



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





#73

Di-n-butylphthalate

Concen: 33.11 ng

RT: 13.44 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

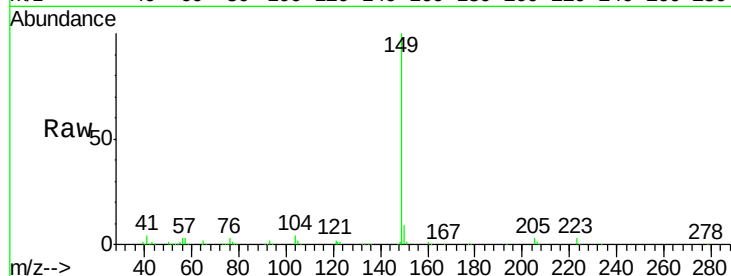
Tgt Ion:149 Resp: 330790

Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

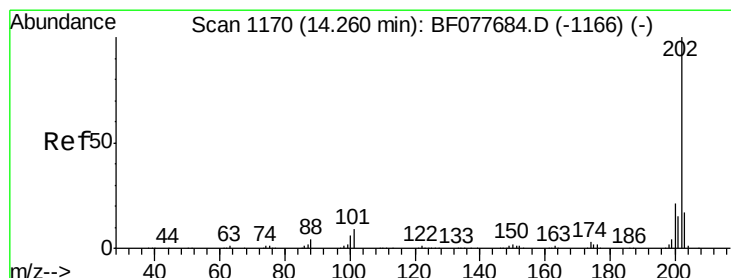
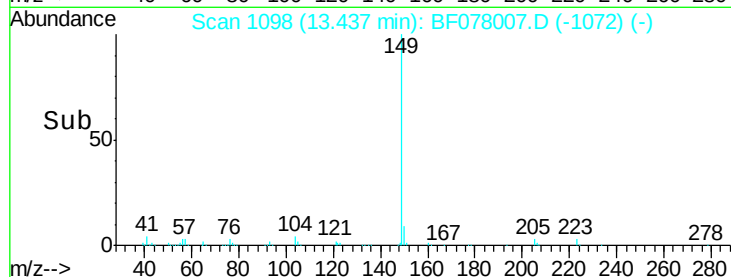
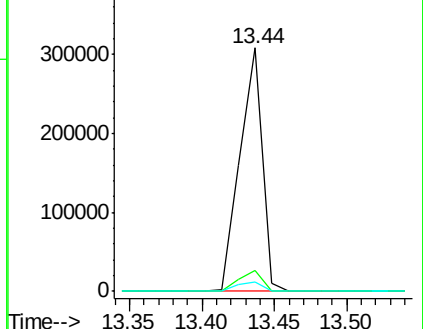
104 4.0 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.99 ng

RT: 14.18 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

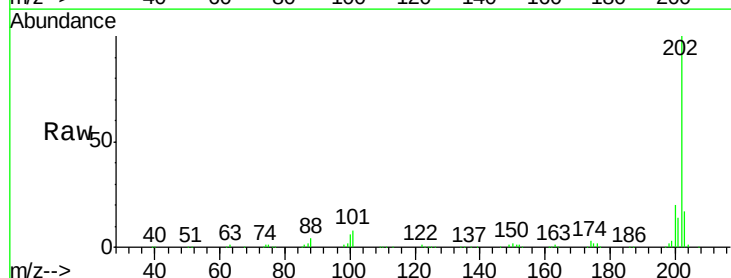
Tgt Ion:202 Resp: 355431

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.7

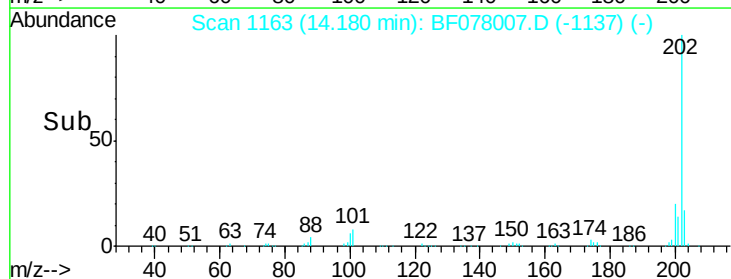
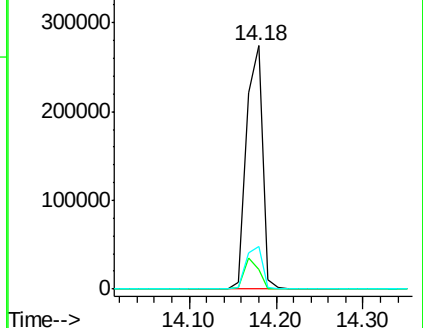
203 17.3 0.0 37.2

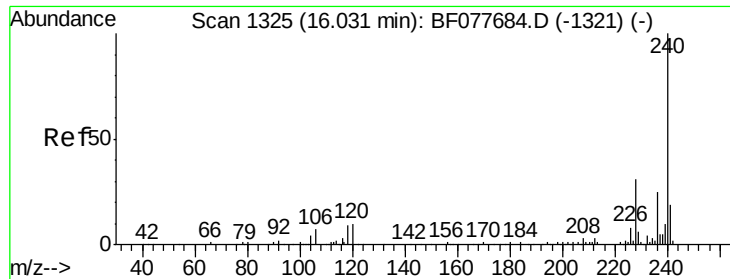


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

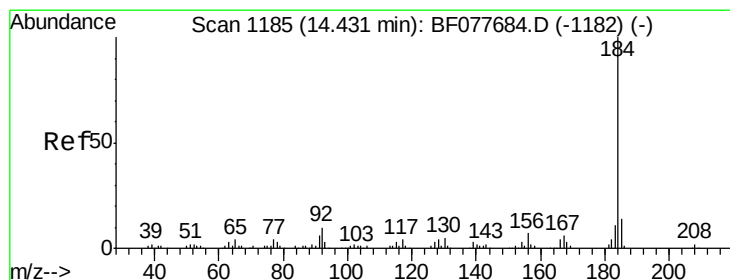
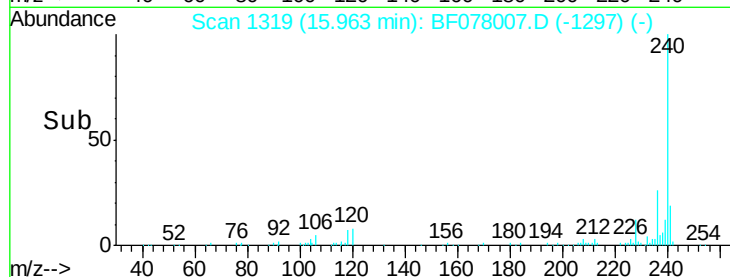
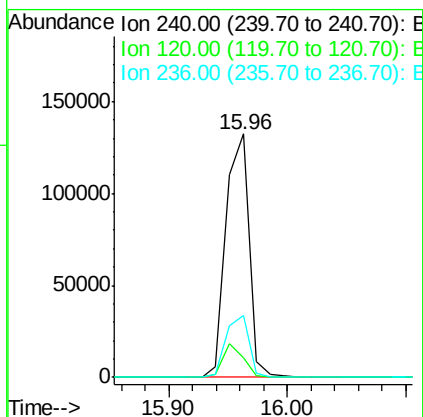
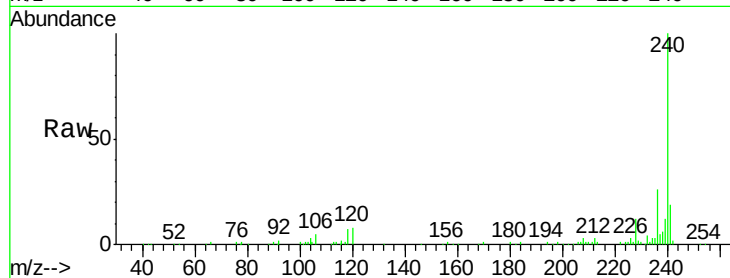




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

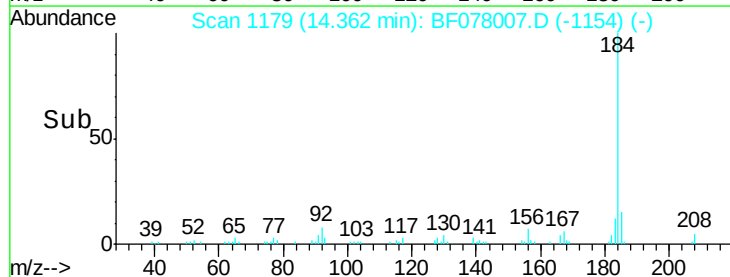
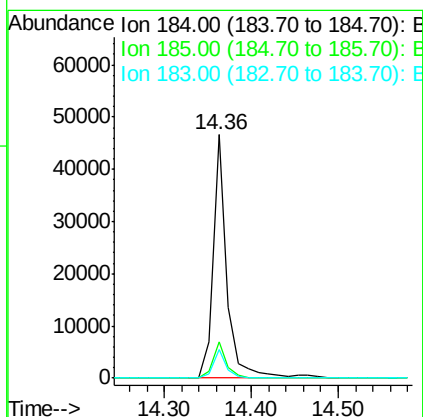
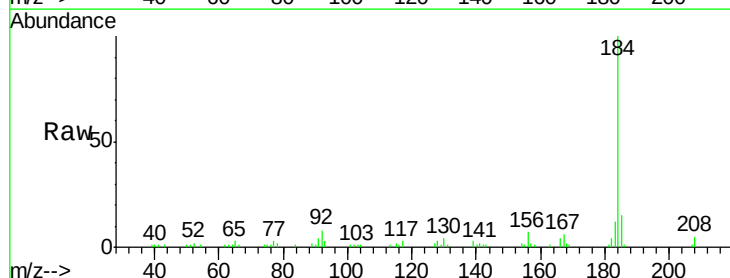
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

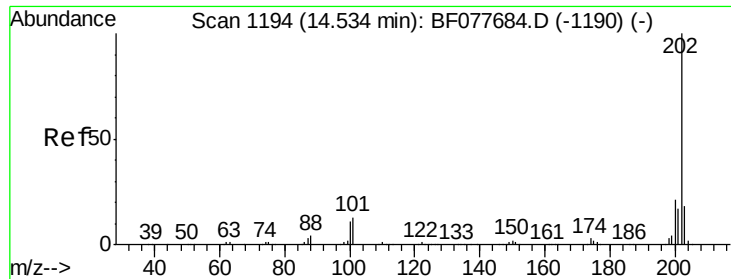
Tgt Ion:240 Resp: 178045
Ion Ratio Lower Upper
240 100
120 7.9 8.2 12.2#
236 25.5 20.0 30.0



#76
Benzidine
Concen: 11.46 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:184 Resp: 52005
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 11.6 8.9 13.3

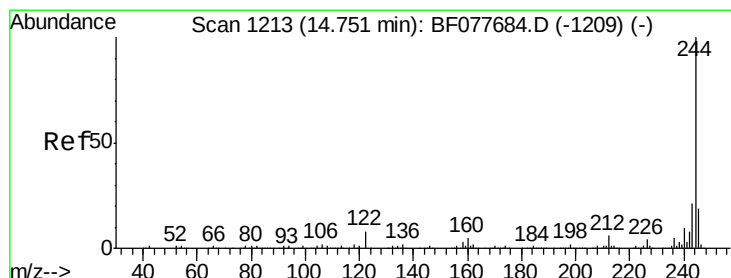
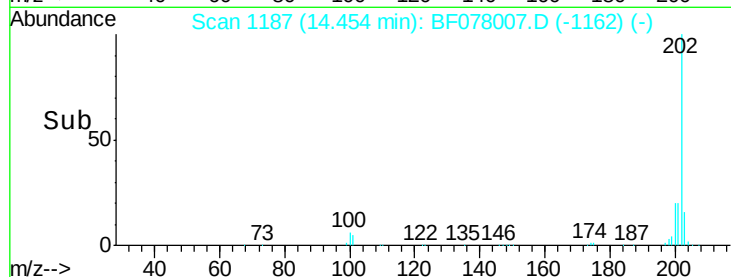
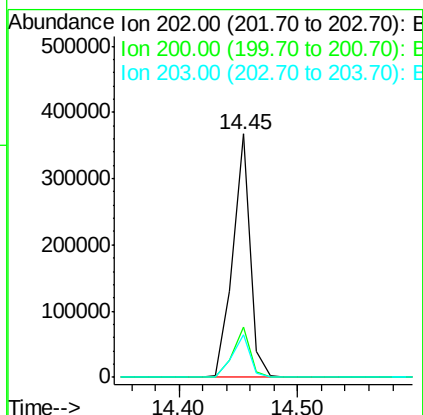
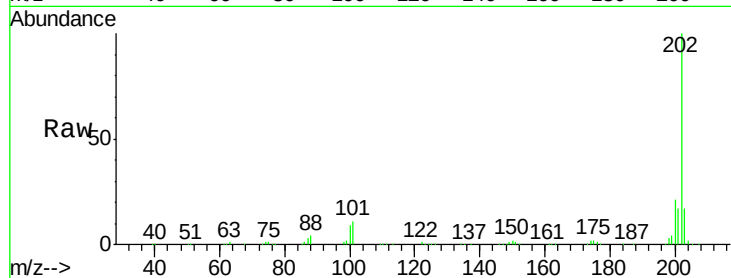




#77
 Pyrene
 Concen: 33.20 ng
 RT: 14.45 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

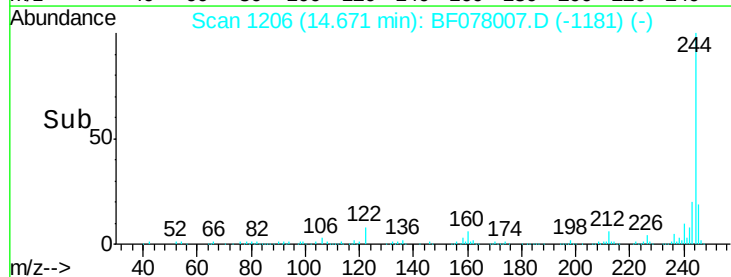
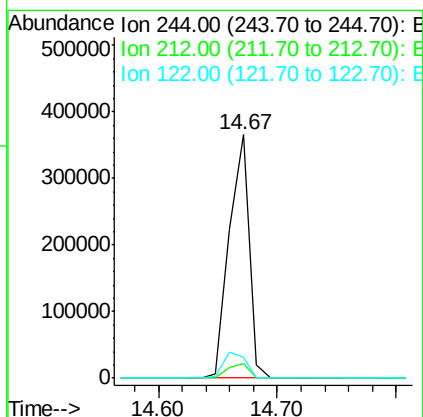
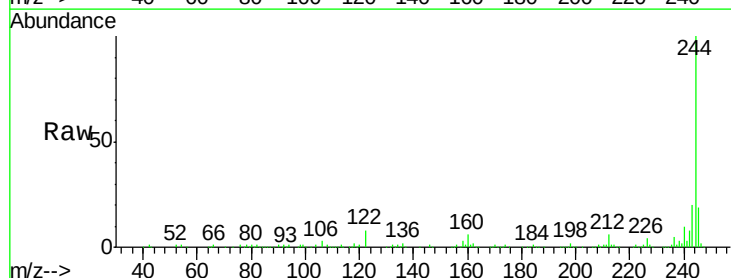
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

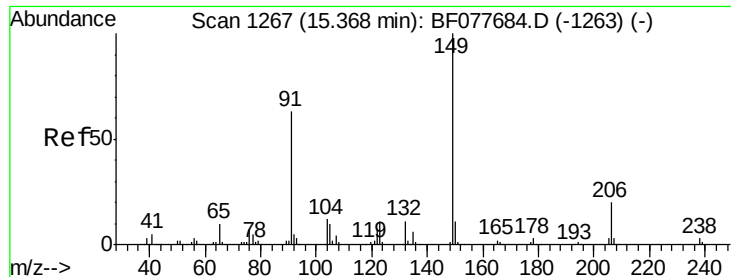
Tgt Ion:	202	Resp:	371736
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.4	14.1	21.1



#78
 Terphenyl-d14
 Concen: 58.09 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:	244	Resp:	423441
Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.9	7.3
122	8.4	6.2	9.4

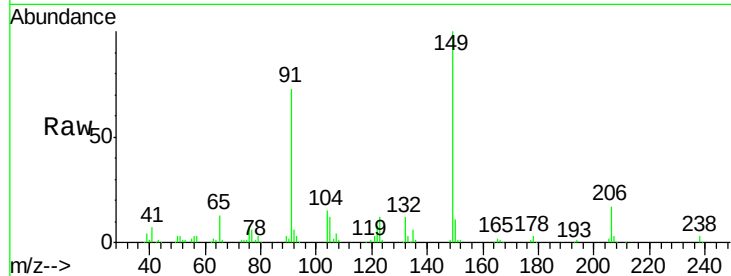




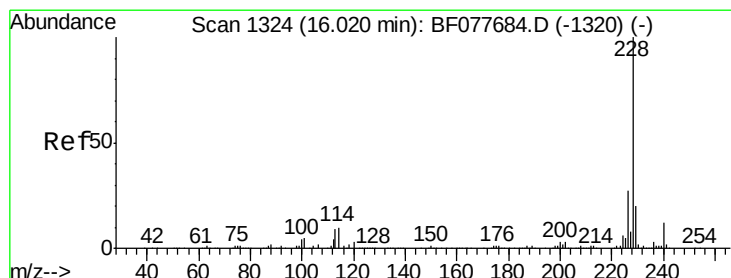
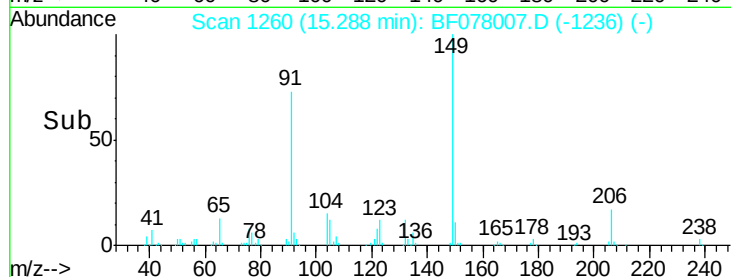
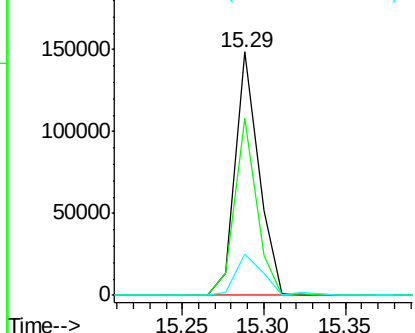
#79
Butylbenzylphthalate
Concen: 33.41 ng
RT: 15.29 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:149 Resp: 147462
Ion Ratio Lower Upper
149 100
91 72.7 50.1 75.1
206 17.1 16.2 24.2

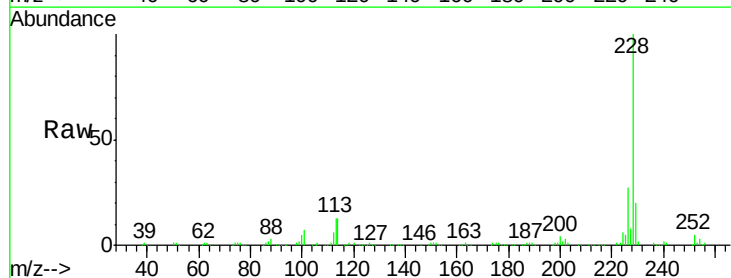


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

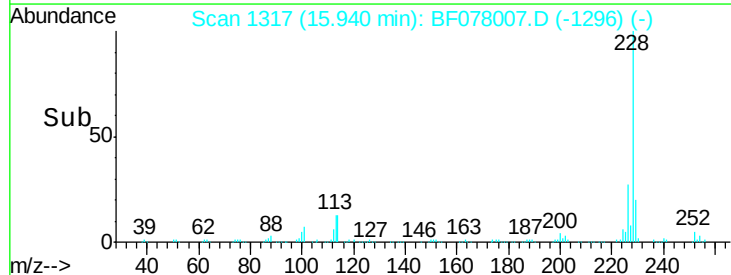
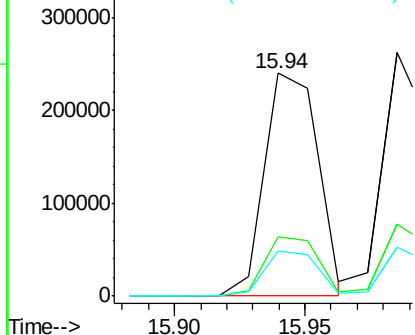


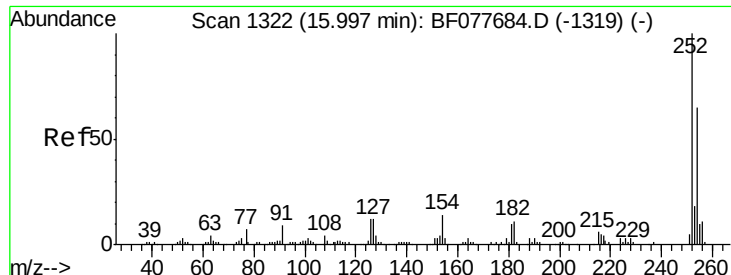
#80
Benzo(a)anthracene
Concen: 32.57 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.06 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion:228 Resp: 343798
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 20.1 16.0 24.0



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

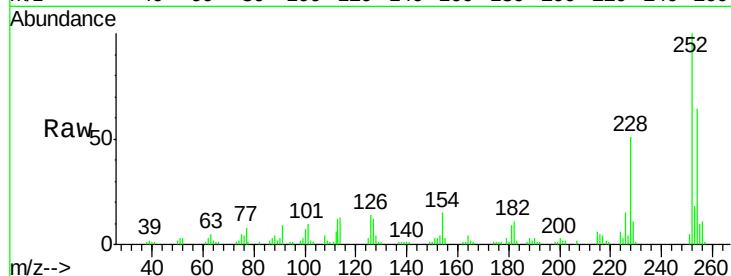




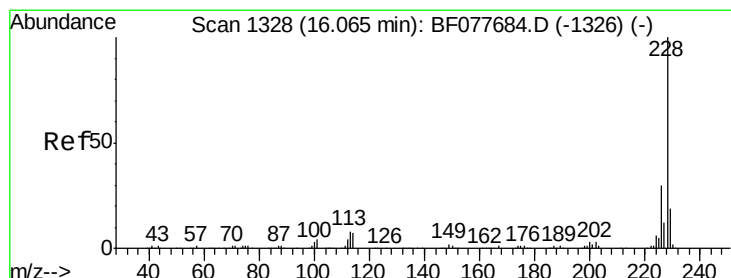
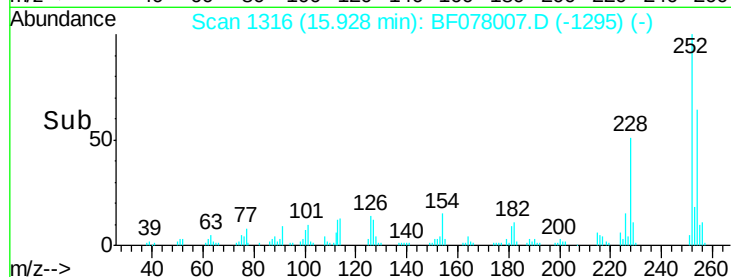
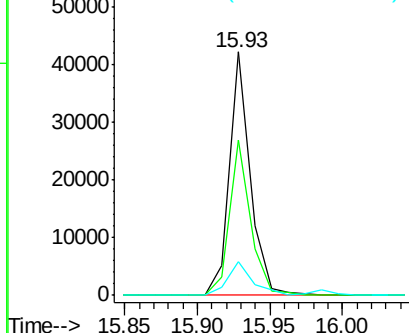
#81
 3,3'-Dichlorobenzidine
 Concen: 12.09 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.06 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion:	252	Resp:	42085
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	13.7	9.8	14.8

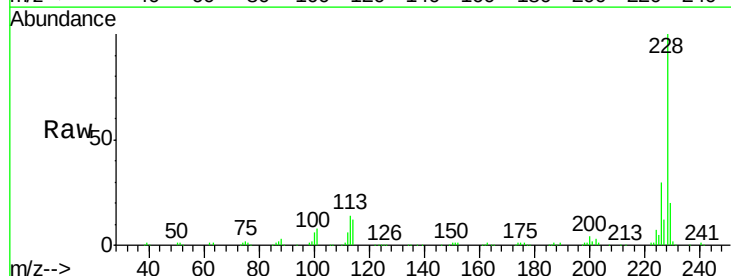


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

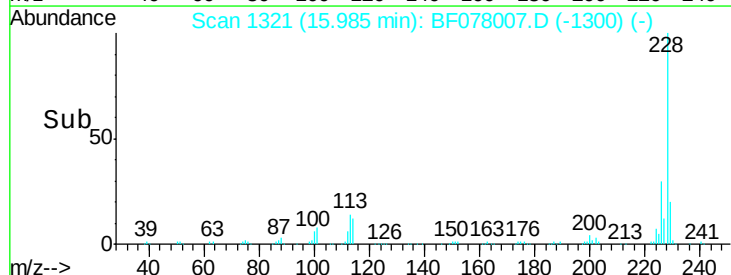
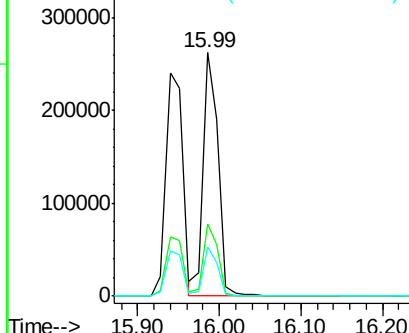


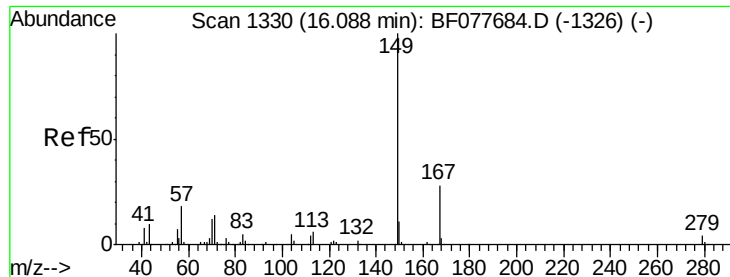
#82
 Chrysene
 Concen: 35.89 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: BF078007.D
 Acq: 26 Mar 2015 20:53

Tgt Ion:	228	Resp:	340613
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	20.0	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: 31.98 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.06 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

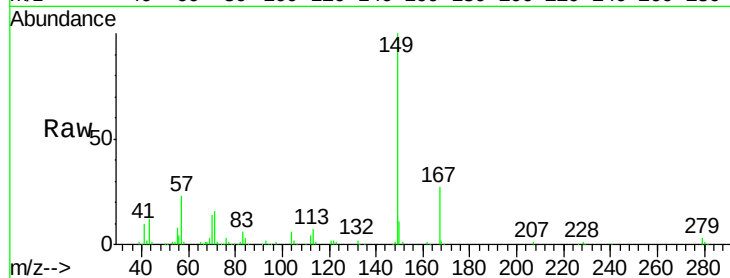
Tgt Ion:149 Resp: 213820

Ion Ratio Lower Upper

149 100

167 26.9 22.4 33.6

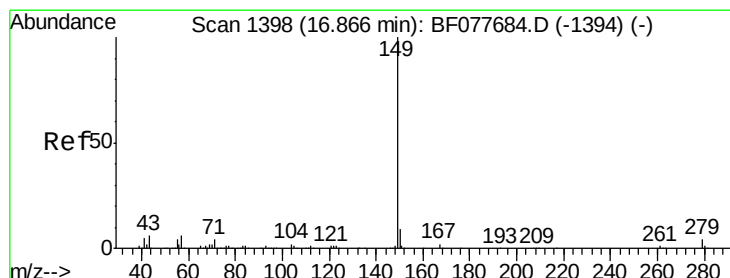
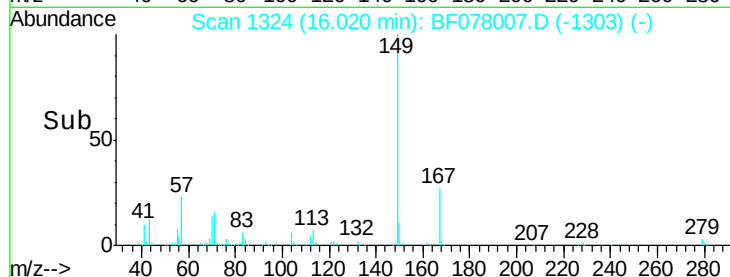
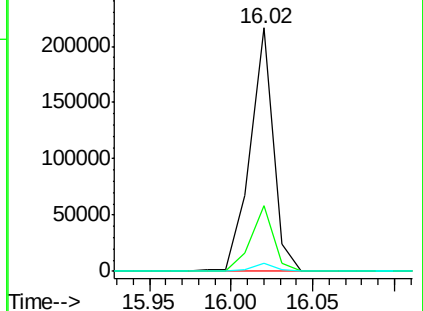
279 3.2 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.67 ng

RT: 16.82 min Scan# 1394

Delta R.T. -0.13 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

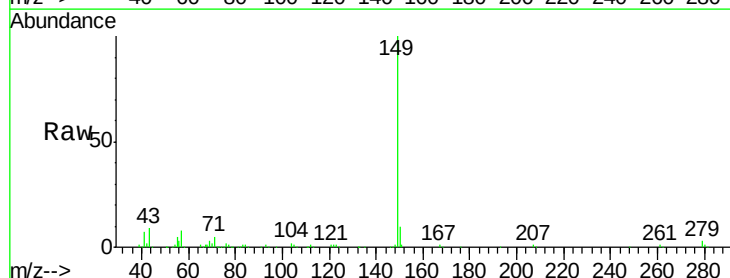
Tgt Ion:149 Resp: 362137

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

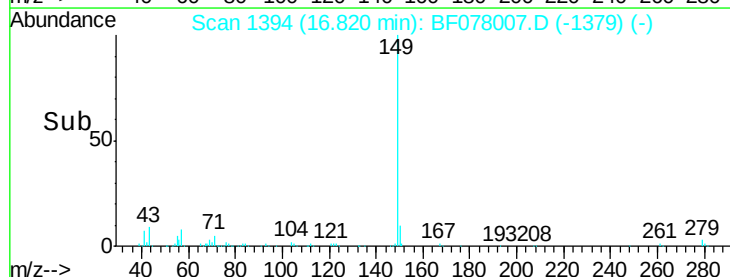
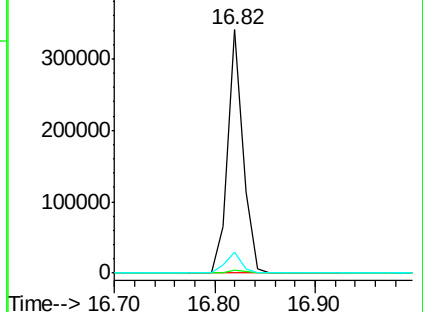
43 9.3 7.3 10.9

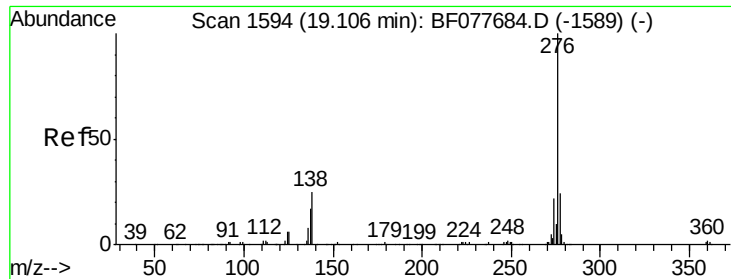


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.66 ng

RT: 19.07 min Scan# 1591

Delta R.T. -0.24 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

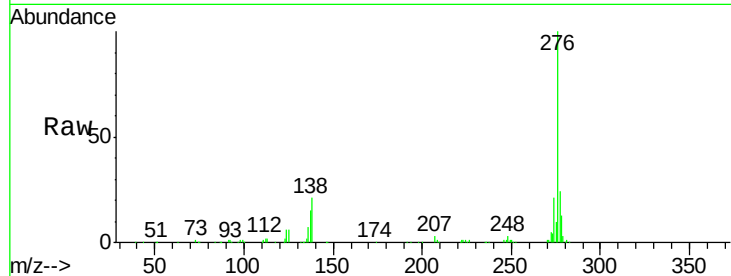
Tgt Ion:276 Resp: 363174

Ion Ratio Lower Upper

276 100

138 28.4 0.0 0.0#

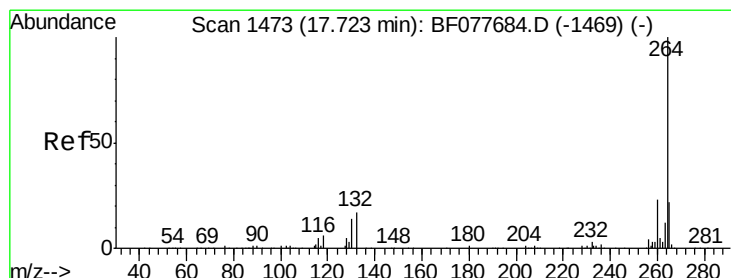
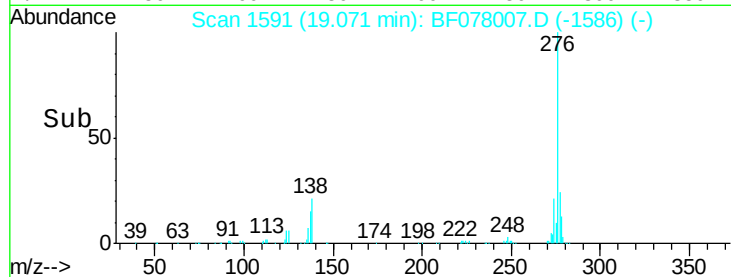
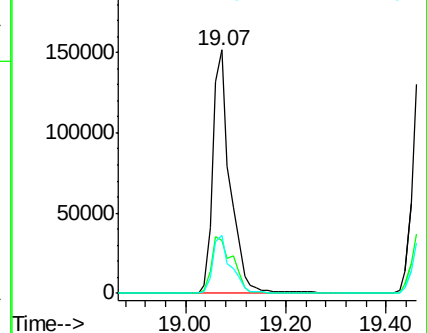
277 24.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.71 min Scan# 1472

Delta R.T. -0.18 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

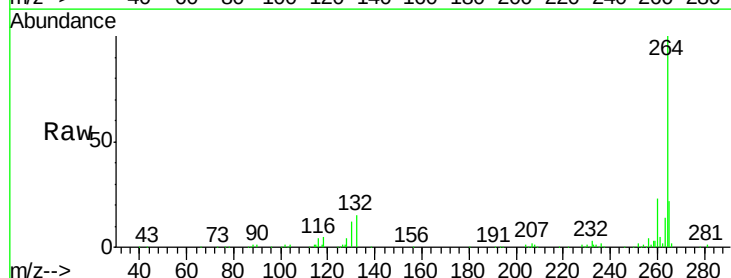
Tgt Ion:264 Resp: 170196

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

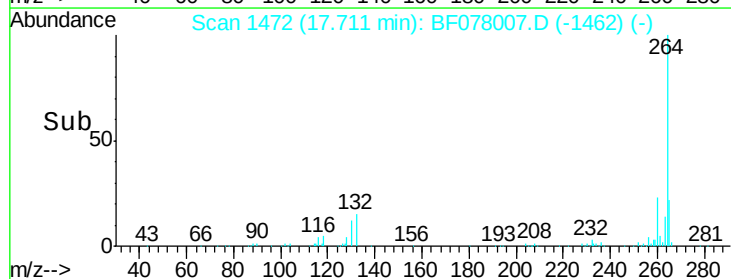
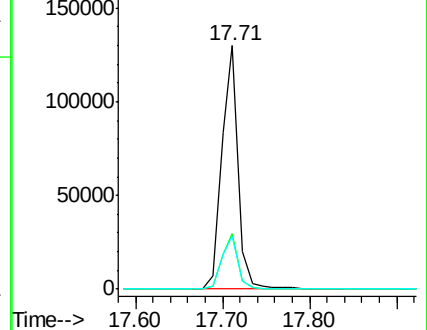
265 21.9 17.3 25.9

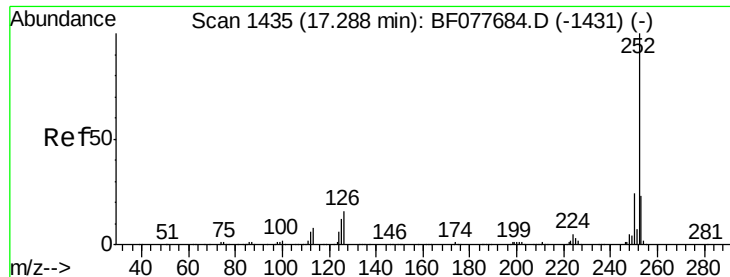


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

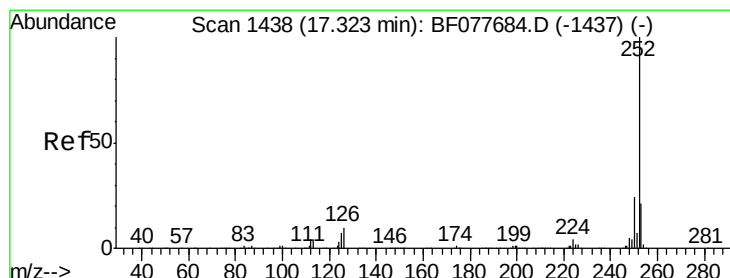
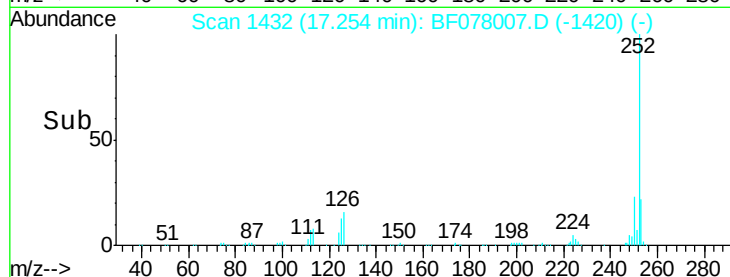
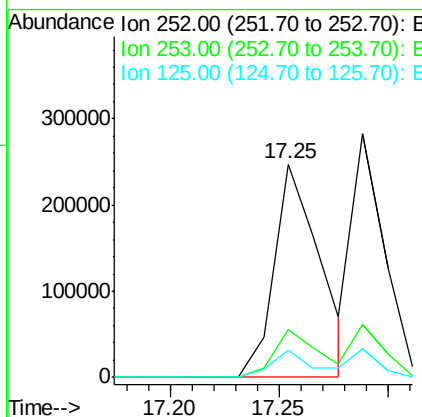
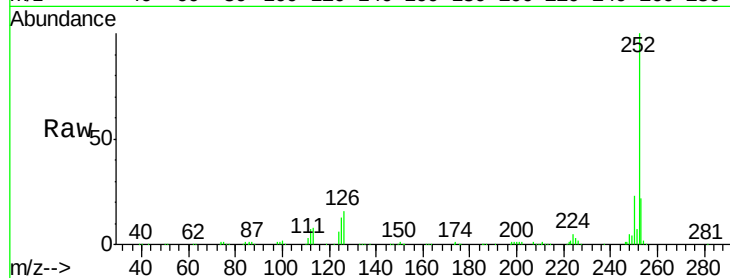




#87
Benzo(b)fluoranthene
Concen: 32.83 ng
RT: 17.25 min Scan# 1432
Delta R.T. -0.16 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

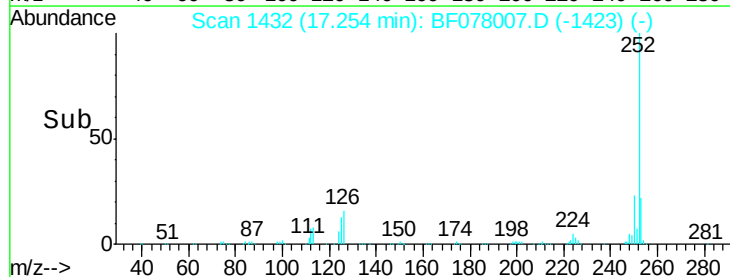
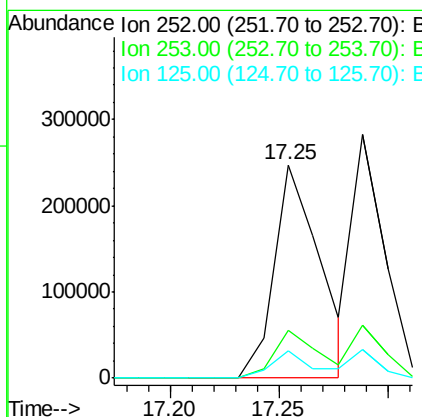
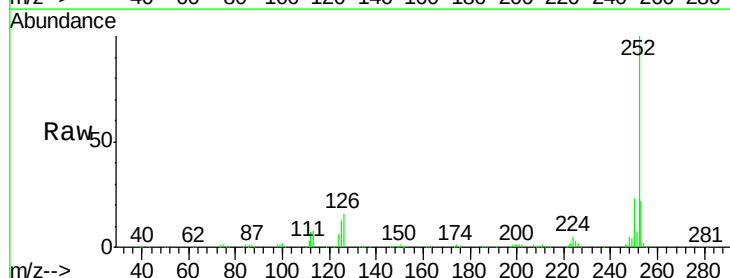
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

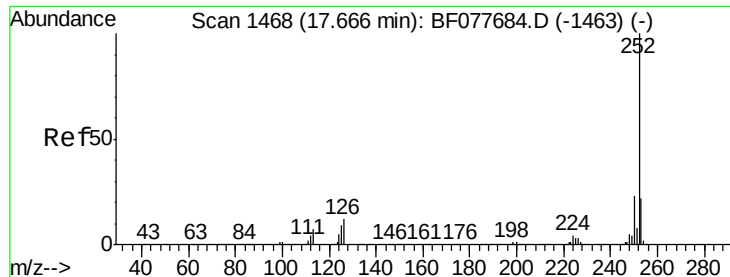
Tgt Ion: 252 Resp: 364722
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 12.5 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 42.02 ng
RT: 17.25 min Scan# 1432
Delta R.T. -0.19 min
Lab File: BF078007.D
Acq: 26 Mar 2015 20:53

Tgt Ion: 252 Resp: 364722
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.5 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 35.30 ng

RT: 17.64 min Scan# 1466

Delta R.T. -0.18 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

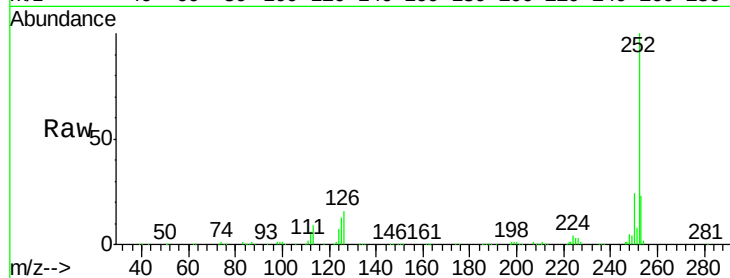
Tgt Ion:252 Resp: 327298

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

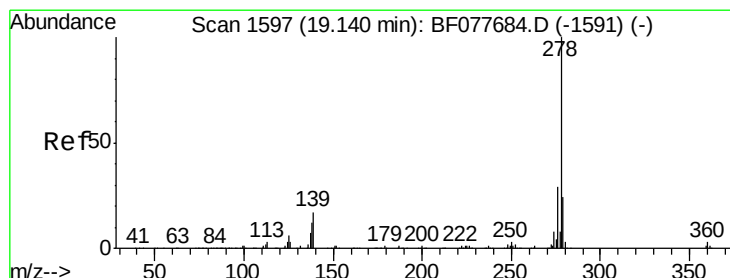
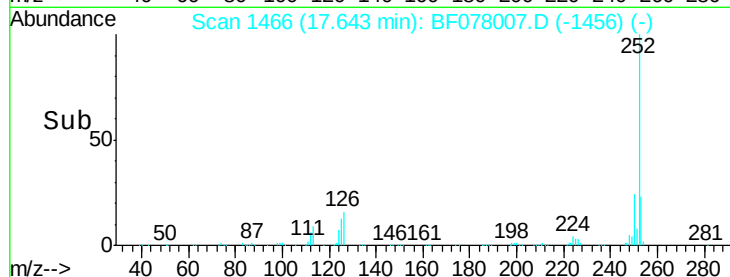
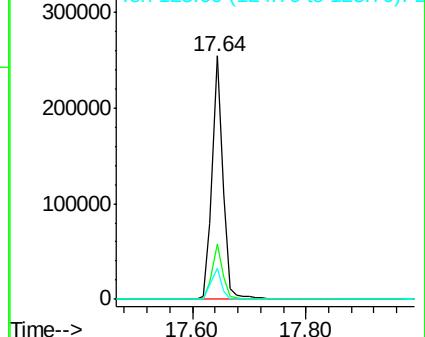
125 12.6 7.4 11.2#



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: 33.50 ng

RT: 19.09 min Scan# 1593

Delta R.T. -0.25 min

Lab File: BF078007.D

Acq: 26 Mar 2015 20:53

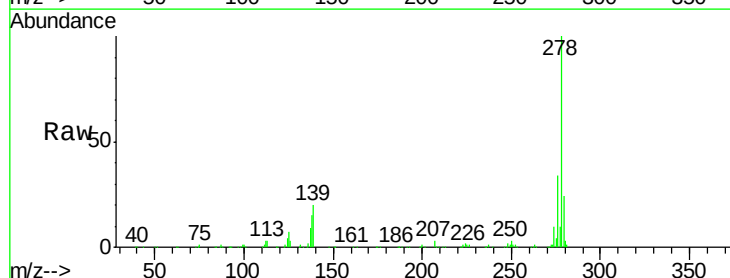
Tgt Ion:278 Resp: 308030

Ion Ratio Lower Upper

278 100

139 19.5 13.4 20.0

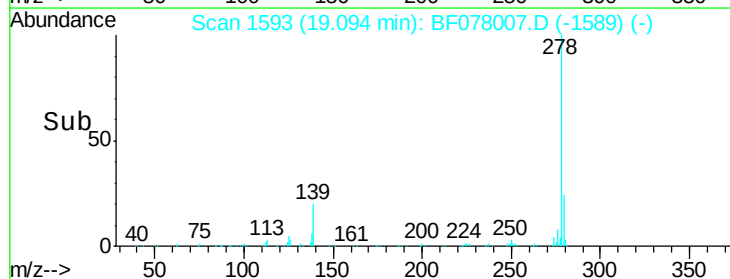
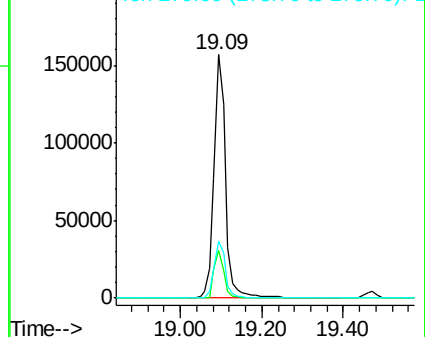
279 23.6 19.0 28.4

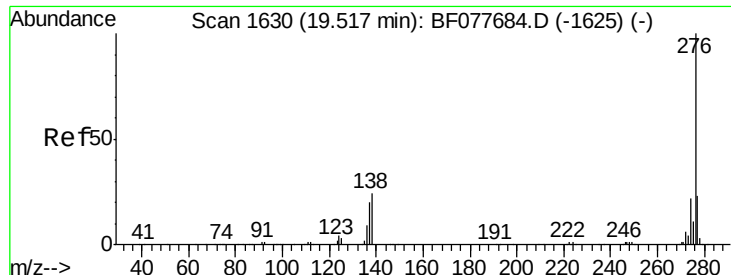


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.90 ng

RT: 19.47 min Scan# 1626

Delta R.T. -0.24 min

Lab File: BF078007.D

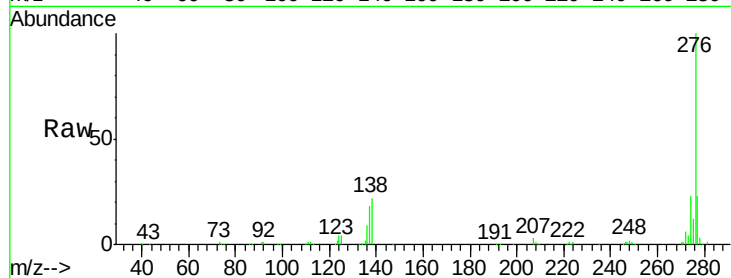
Acq: 26 Mar 2015 20:53

Instrument :

BNA_F

ClientSampleId :

PB82320BSD



Tgt Ion:	276	Resp:	307930
Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	21.5	19.0	28.6

