

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033115\
 Data File : BF078134.D
 Acq On : 1 Apr 2015 2:38
 Operator : TP/IZ
 Sample : PB82420BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Quant Time: Apr 01 02:21:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	43266	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	179549	20.00	ng	0.00
38) Acenaphthene-d10	10.79	164	91908	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	179086	20.00	ng	0.00
75) Chrysene-d12	15.89	240	178186	20.00	ng	0.00
86) Perylene-d12	17.56	264	162474	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	313539	126.49	ng	0.00
7) Phenol-d6	6.64	99	395018	128.99	ng	0.00
23) Nitrobenzene-d5	7.74	82	230790	84.26	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	96817	110.10	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	519480	83.06	ng	0.00
78) Terphenyl-d14	14.61	244	575573	78.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	37026	32.90	ng	# 100
3) Pyridine	2.56	79	117543	38.87	ng	97
4) n-Nitrosodimethylamine	2.50	42	42745	32.47	ng	96
6) Aniline	6.64	93	91637	20.92	ng	# 77
8) 2-Chlorophenol	6.78	128	124990	42.36	ng	90
9) Benzaldehyde	6.50	77	3644	2.90	ng	# 82
10) Phenol	6.65	94	155153	42.86	ng	77
11) bis(2-Chloroethyl)ether	6.74	93	111314	41.05	ng	90
12) 1,3-Dichlorobenzene	6.97	146	130819	39.87	ng	98
13) 1,4-Dichlorobenzene	7.07	146	132603	38.89	ng	99
14) 1,2-Dichlorobenzene	7.25	146	122805	39.29	ng	99
15) Benzyl Alcohol	7.24	79	98709	41.29	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.41	45	149449	40.90	ng	99
17) 2-Methylphenol	7.39	107	96469	40.16	ng	96
18) Hexachloroethane	7.66	117	44884	40.14	ng	# 90
19) n-Nitroso-di-n-propylamine	7.57	70	86714	40.93	ng	93
20) 3+4-Methylphenols	7.60	107	139405	44.23	ng	97
22) Acetophenone	7.56	105	174333	43.86	ng	# 90
24) Nitrobenzene	7.77	77	126091	42.73	ng	# 86
25) Isophorone	8.06	82	226226	40.90	ng	96
26) 2-Nitrophenol	8.16	139	59406	41.12	ng	# 90
27) 2,4-Dimethylphenol	8.24	122	115792	44.00	ng	97
28) bis(2-Chloroethoxy)methane	8.35	93	146436	43.61	ng	100
29) 2,4-Dichlorophenol	8.46	162	111314	44.37	ng	97
30) 1,2,4-Trichlorobenzene	8.56	180	111001	39.55	ng	98
31) Naphthalene	8.65	128	371335	40.27	ng	100
32) Benzoic acid	8.37	122	51233	35.74	ng	94
33) 4-Chloroaniline	8.73	127	89587	23.94	ng	# 92
34) Hexachlorobutadiene	8.81	225	59681	37.51	ng	96
35) Caprolactam	9.16	113	32614	44.48	ng	# 83
36) 4-Chloro-3-methylphenol	9.36	107	108580	43.02	ng	100
37) 2-Methylnaphthalene	9.50	142	254269	41.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	108493	39.58	ng	# 100
40) Hexachlorocyclopentadiene	9.70	237	106937	78.01	ng	99

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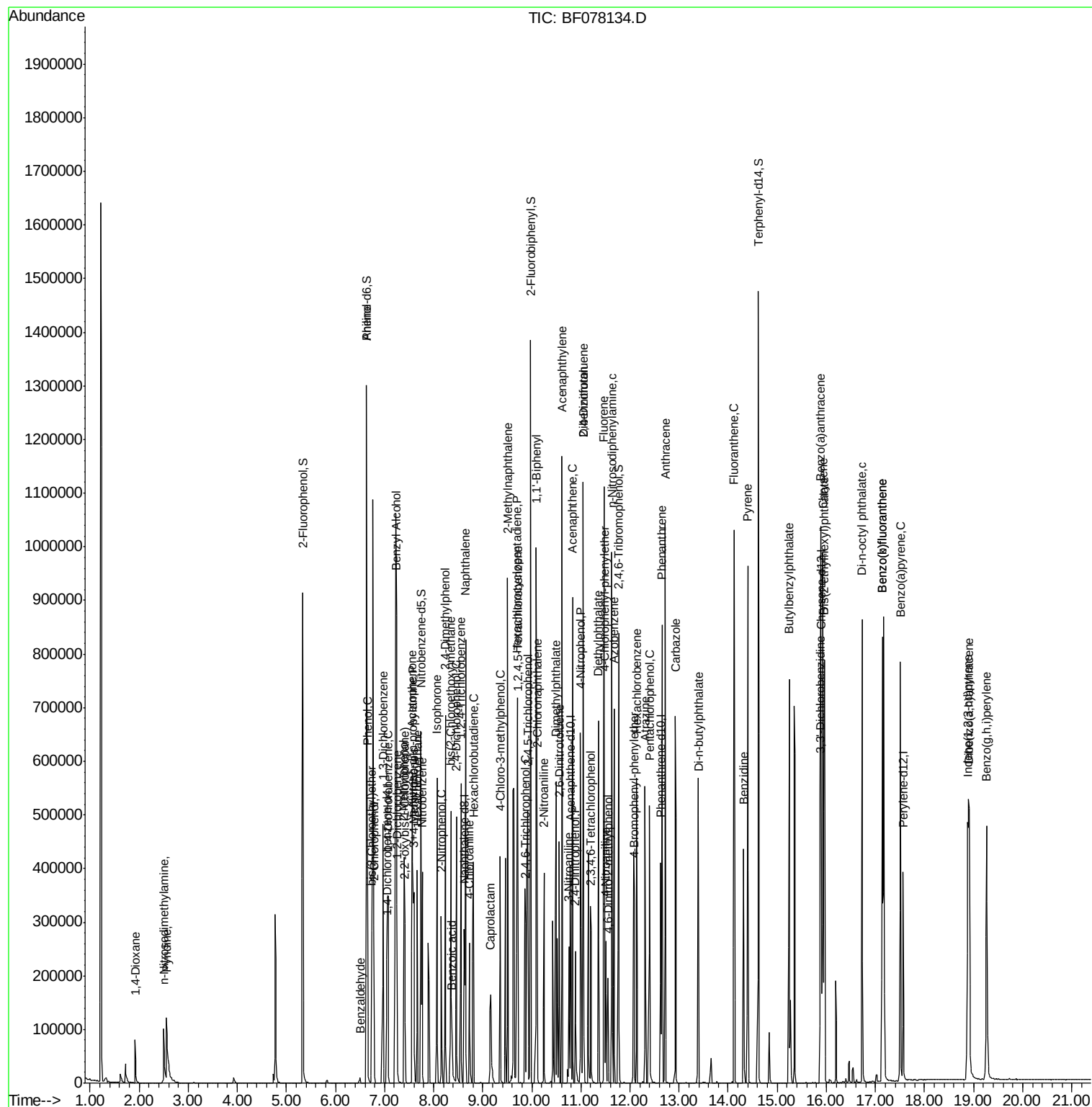
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	73396	38.65	ng	97
43) 2,4,5-Trichlorophenol	9.92	196	82352	40.14	ng	# 93
45) 1,1'-Biphenyl	10.09	154	308185	41.95	ng	98
46) 2-Chloronaphthalene	10.11	162	242250	40.57	ng	99
47) 2-Nitroaniline	10.25	65	67536	45.54	ng	89
48) Acenaphthylene	10.61	152	386350	38.91	ng	100
49) Dimethylphthalate	10.49	163	298799	43.83	ng	98
50) 2,6-Dinitrotoluene	10.56	165	65354	46.25	ng	87
51) Acenaphthene	10.83	154	222876	39.15	ng	98
52) 3-Nitroaniline	10.75	138	47909	29.19	ng	# 71
53) 2,4-Dinitrophenol	10.89	184	39477	76.45	ng	98
54) Dibenzofuran	11.05	168	350977	41.57	ng	99
55) 4-Nitrophenol	10.99	139	91184	75.01	ng	# 74
56) 2,4-Dinitrotoluene	11.05	165	81826	44.41	ng	87
57) Fluorene	11.47	166	289424	41.28	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	60841	38.52	ng	# 100
59) Diethylphthalate	11.36	149	278637	41.95	ng	96
60) 4-Chlorophenyl-phenylether	11.48	204	132055	41.27	ng	98
61) 4-Nitroaniline	11.51	138	64033	39.15	ng	75
62) Azobenzene	11.68	77	296483	46.71	ng	99
64) 4,6-Dinitro-2-methylphenol	11.55	198	32809	39.63	ng	80
65) n-Nitrosodiphenylamine	11.63	169	247236	41.46	ng	99
66) 4-Bromophenyl-phenylether	12.09	248	79002	41.34	ng	96
67) Hexachlorobenzene	12.13	284	83406	39.72	ng	# 82
68) Atrazine	12.31	200	74329	44.48	ng	93
69) Pentachlorophenol	12.40	266	75487	69.07	ng	98
70) Phenanthrene	12.65	178	409227	39.81	ng	99
71) Anthracene	12.72	178	429667	42.30	ng	100
72) Carbazole	12.92	167	388477	40.21	ng	100
73) Di-n-butylphthalate	13.39	149	451424	41.67	ng	98
74) Fluoranthene	14.12	202	450716	39.75	ng	97
76) Benzidine	14.32	184	245438	55.88	ng	100
77) Pyrene	14.40	202	462008	41.23	ng	99
79) Butylbenzylphthalate	15.24	149	197843	44.78	ng	95
80) Benzo(a)anthracene	15.88	228	412987	39.10	ng	99
81) 3,3'-Dichlorobenzidine	15.87	252	79785	22.90	ng	97
82) Chrysene	15.93	228	396584	41.76	ng	99
83) Bis(2-ethylhexyl)phthalate	15.96	149	300564	44.91	ng	99
84) Di-n-octyl phthalate	16.73	149	486897	42.55	ng	99
85) Indeno(1,2,3-cd)pyrene	18.88	276	421662	35.57	ng	# 100
87) Benzo(b)fluoranthene	17.14	252	463155	43.67	ng	99
88) Benzo(k)fluoranthene	17.14	252	463155	55.90	ng	# 98
89) Benzo(a)pyrene	17.51	252	366299	41.39	ng	# 97
90) Dibenzo(a,h)anthracene	18.91	278	344292	39.22	ng	99
91) Benzo(g,h,i)perylene	19.27	276	347971	38.94	ng	97

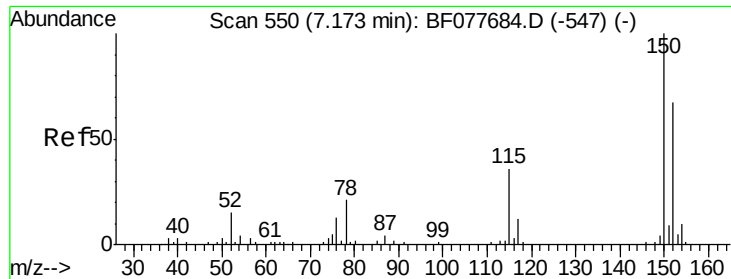
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

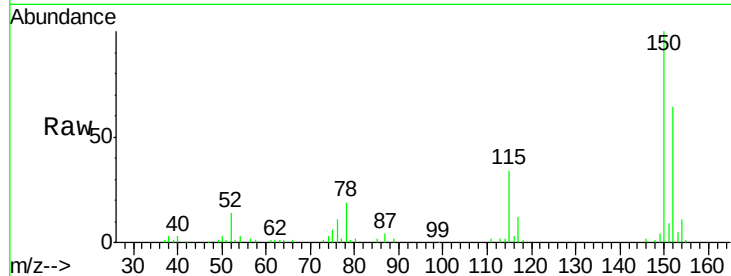
Tgt Ion:152 Resp: 43266

Ion Ratio Lower Upper

152 100

150 155.9 119.5 179.3

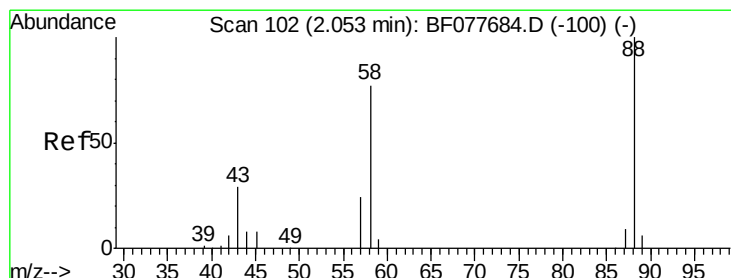
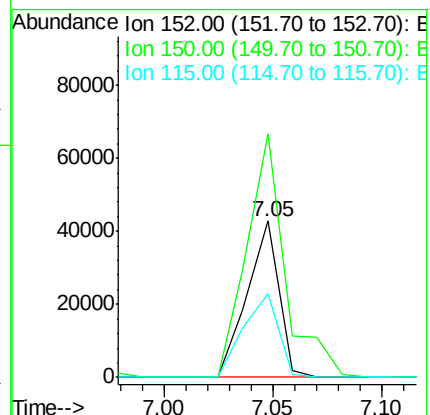
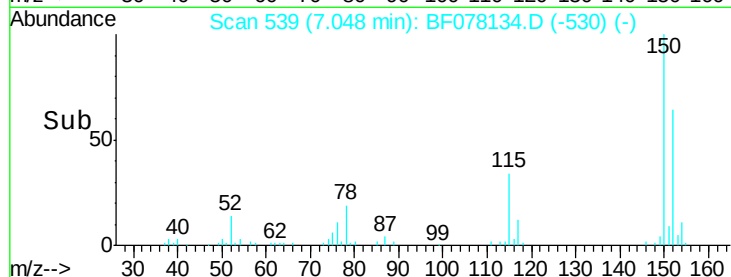
115 53.7 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.90 ng

RT: 1.92 min Scan# 90

Delta R.T. 0.02 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

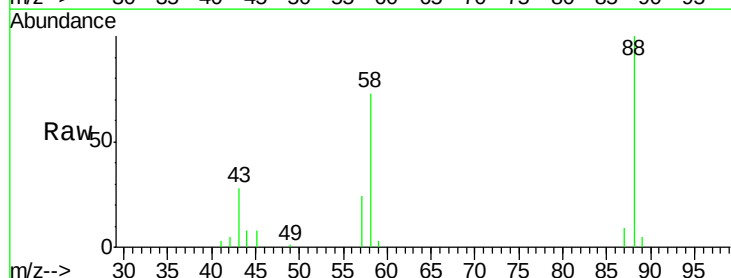
Tgt Ion: 88 Resp: 37026

Ion Ratio Lower Upper

88 100

58 71.3 0.0 0.0#

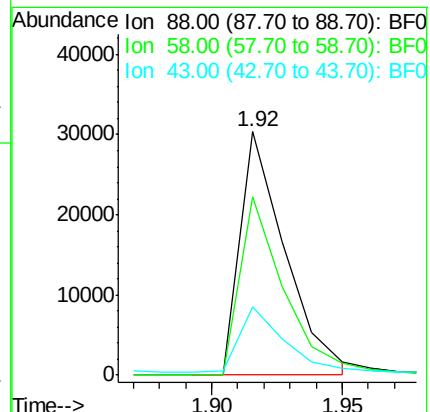
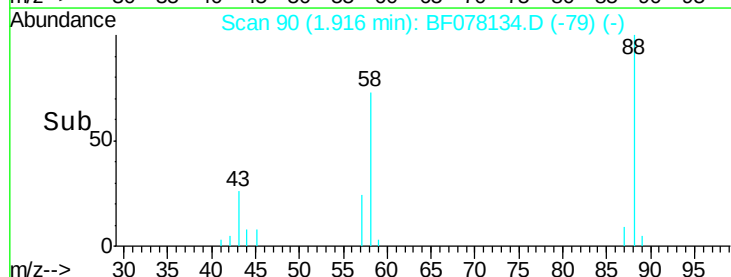
43 26.4 0.0 0.0#

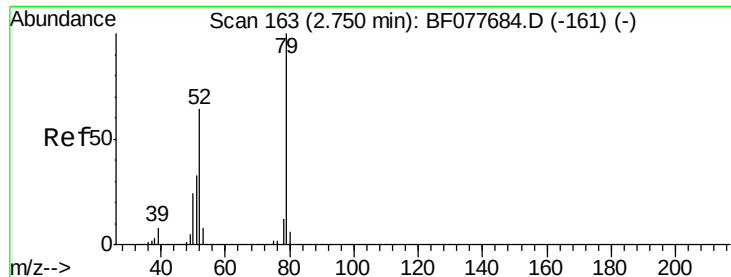


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.87 ng

RT: 2.56 min Scan# 146

Delta R.T. 0.02 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

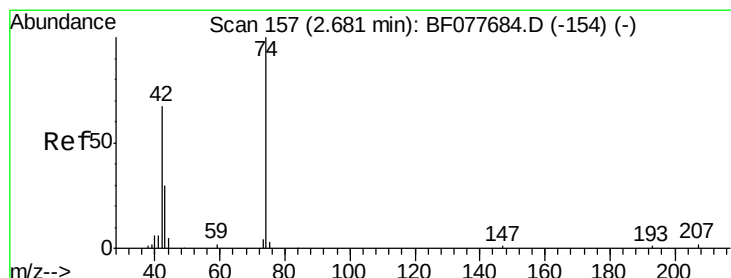
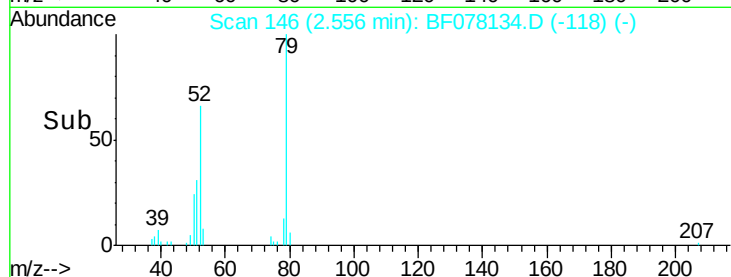
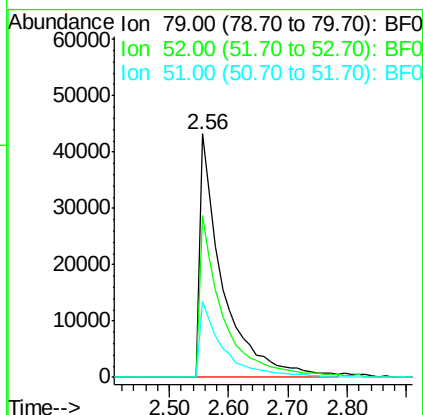
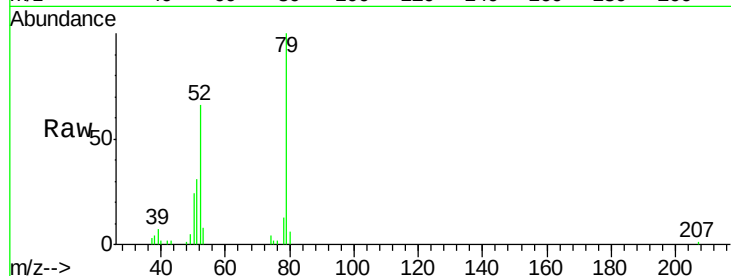
Tgt Ion: 79 Resp: 117543

Ion Ratio Lower Upper

79 100

52 66.3 51.1 76.7

51 31.1 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 32.47 ng

RT: 2.50 min Scan# 141

Delta R.T. 0.02 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

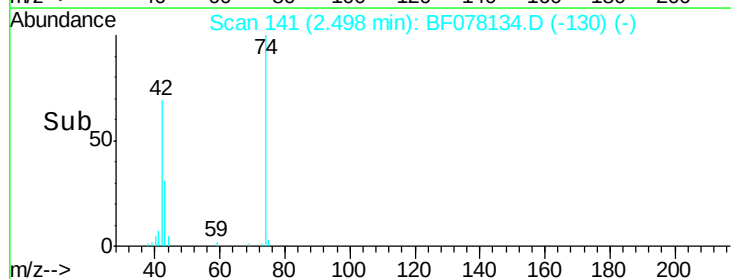
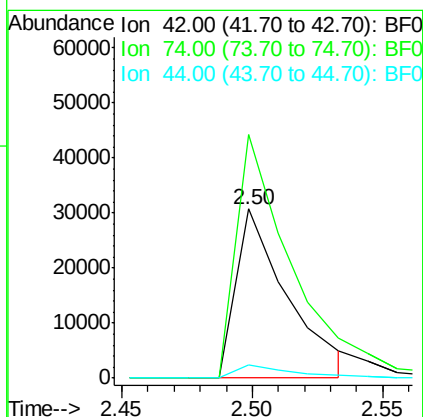
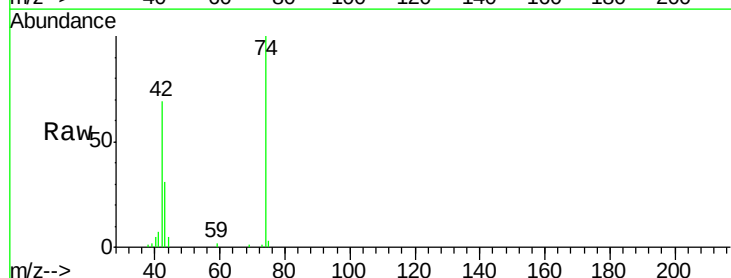
Tgt Ion: 42 Resp: 42745

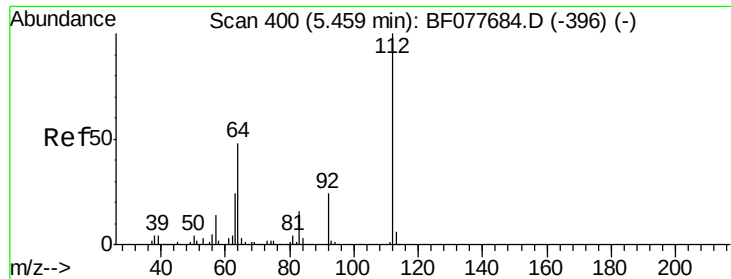
Ion Ratio Lower Upper

42 100

74 144.0 119.3 178.9

44 7.8 5.4 8.2





#5

2-Fluorophenol

Concen: 126.49 ng

RT: 5.33 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

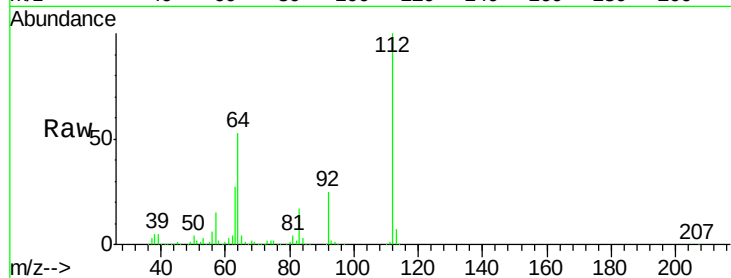
Tgt Ion: 112 Resp: 313539

Ion Ratio Lower Upper

112 100

64 52.9 38.6 57.8

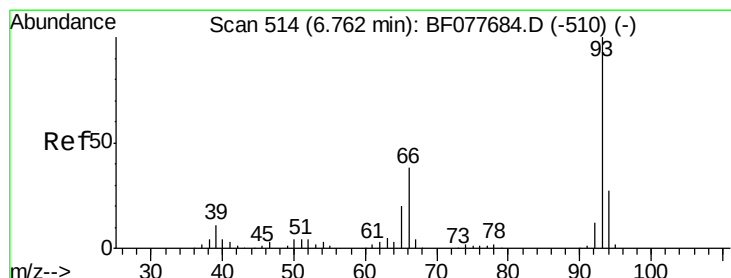
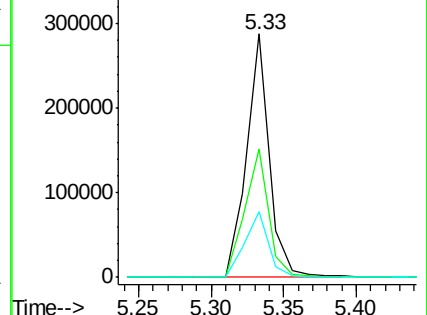
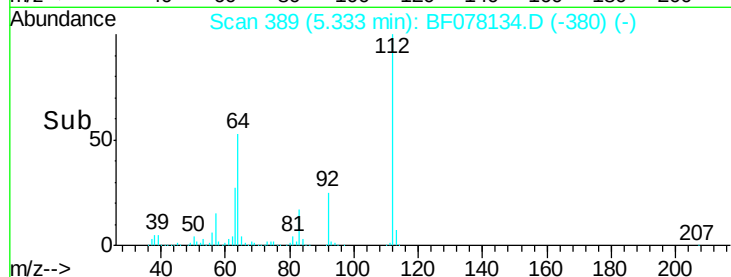
63 27.0 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.92 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

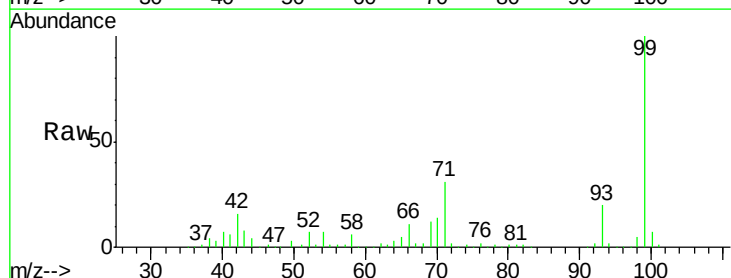
Tgt Ion: 93 Resp: 91637

Ion Ratio Lower Upper

93 100

66 57.8 30.8 46.2#

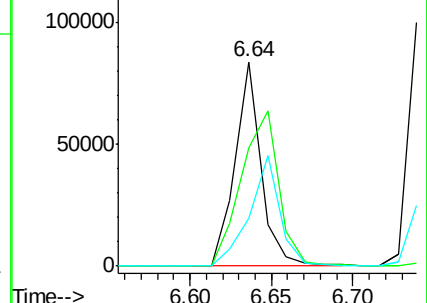
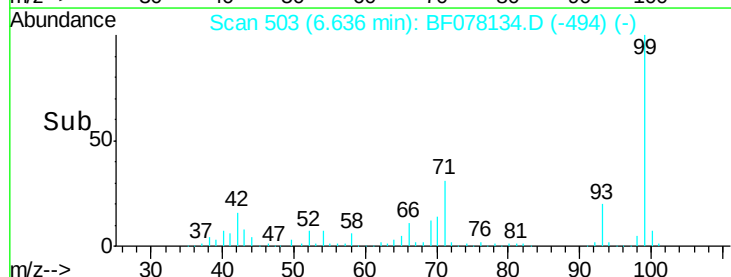
65 23.4 16.0 24.0

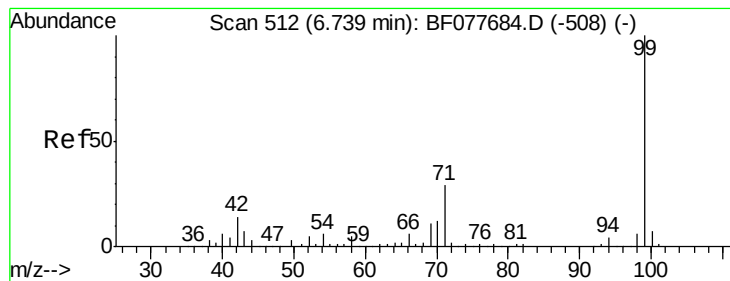


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.99 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampled :

PB82420BS

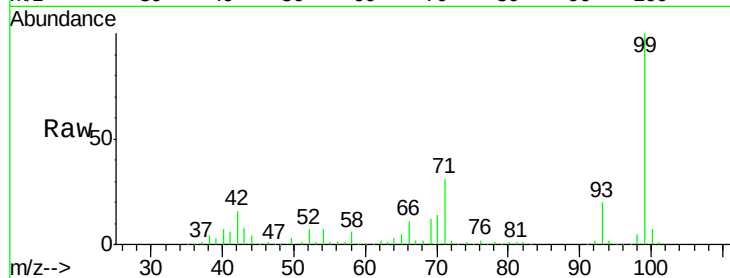
Tgt Ion: 99 Resp: 395018

Ion Ratio Lower Upper

99 100

42 16.1 11.0 16.4

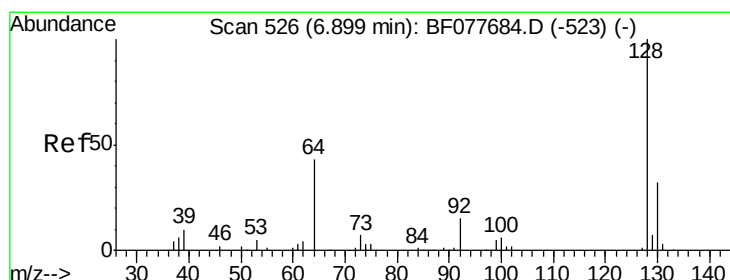
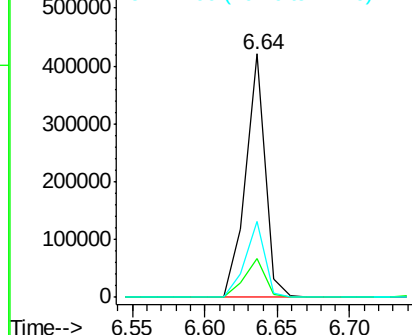
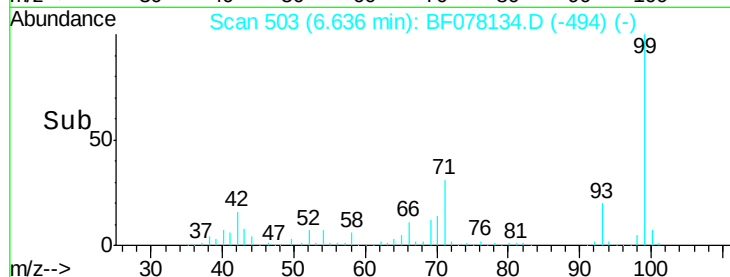
71 31.4 23.4 35.2



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: 42.36 ng

RT: 6.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

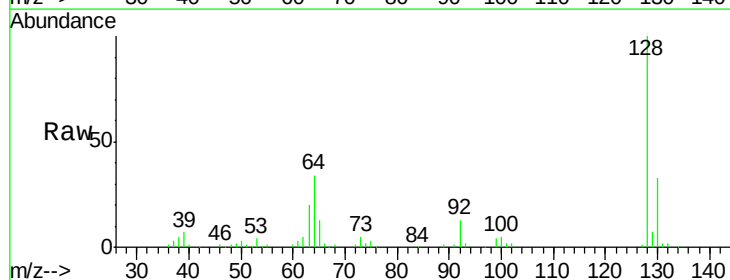
Tgt Ion: 128 Resp: 124990

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

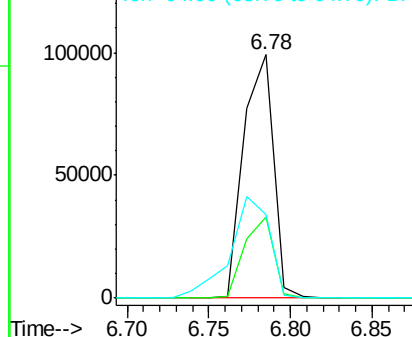
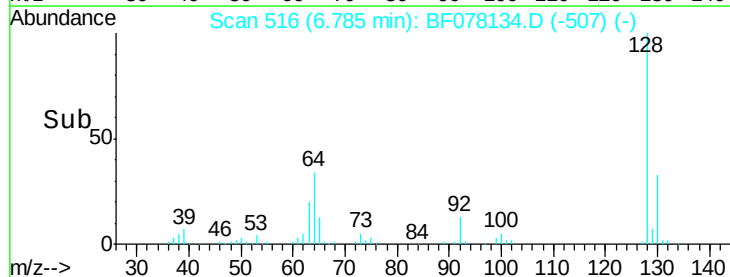
64 34.3 24.9 64.9

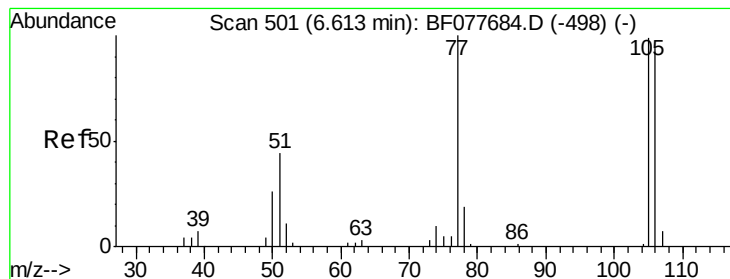


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.90 ng

RT: 6.50 min Scan# 491

Delta R.T. 0.01 min

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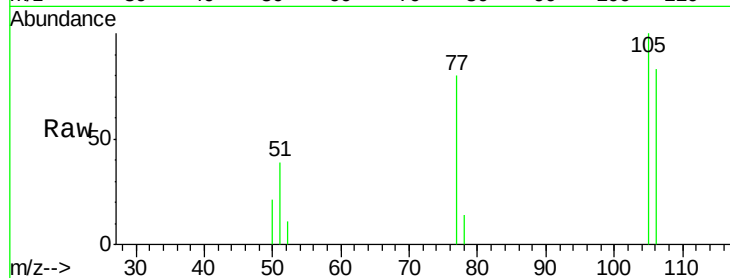
Tgt Ion: 77 Resp: 3644

Ion Ratio Lower Upper

77 100

105 124.3 78.8 118.8#

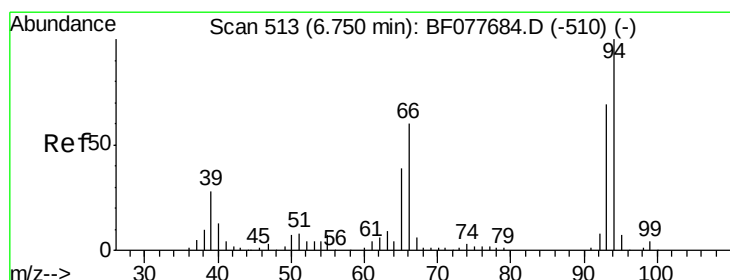
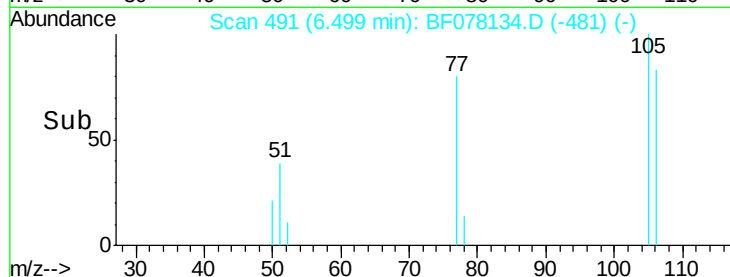
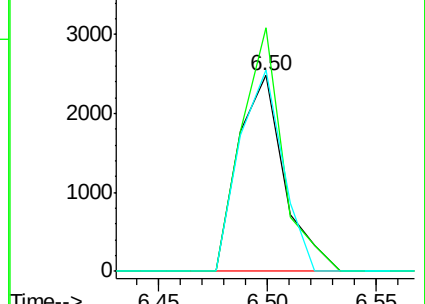
106 103.1 73.7 113.7



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: 42.86 ng

RT: 6.65 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

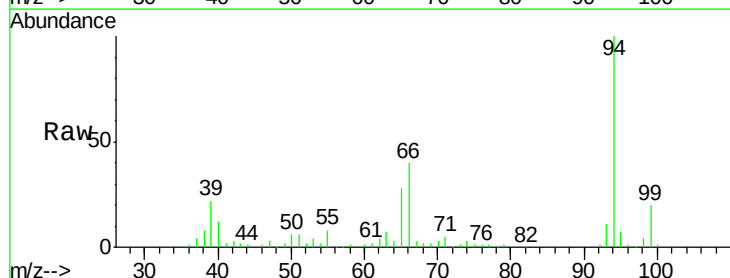
Tgt Ion: 94 Resp: 155153

Ion Ratio Lower Upper

94 100

65 28.4 18.8 58.8

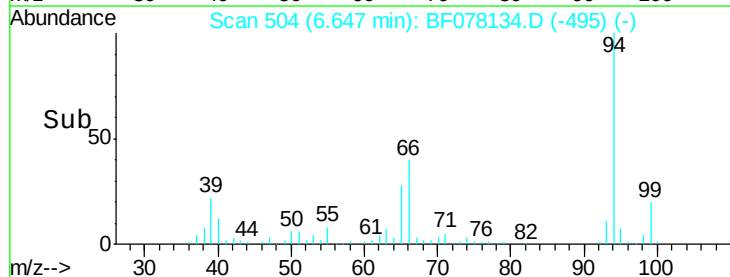
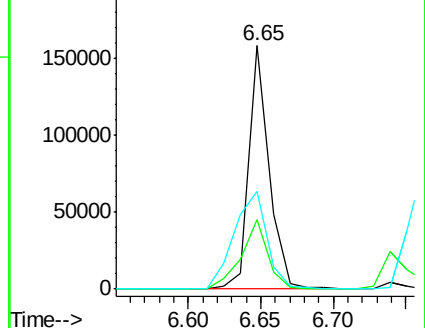
66 40.0 39.9 79.9

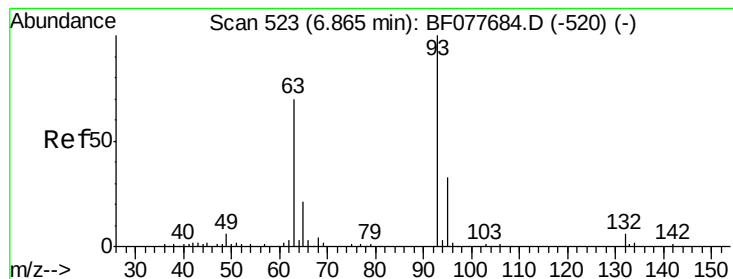


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.05 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

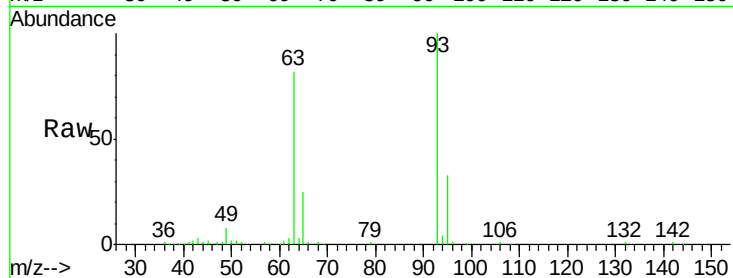
Tgt Ion: 93 Resp: 111314

Ion Ratio Lower Upper

93 100

63 81.7 49.5 89.5

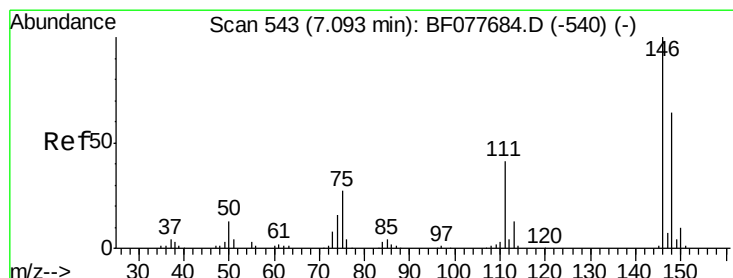
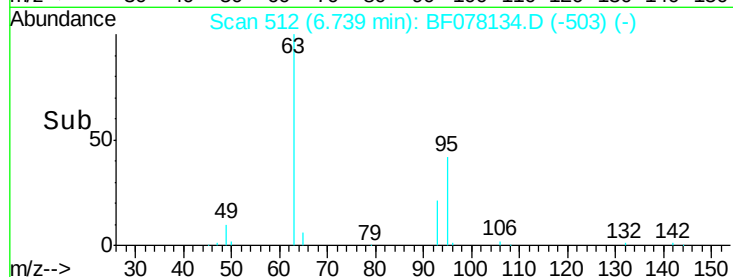
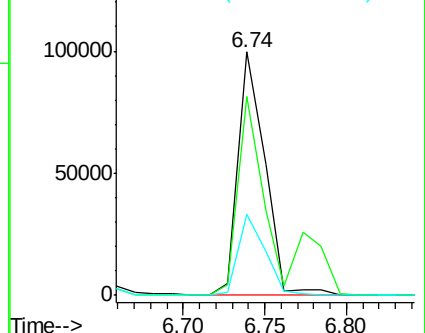
95 33.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.87 ng

RT: 6.97 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

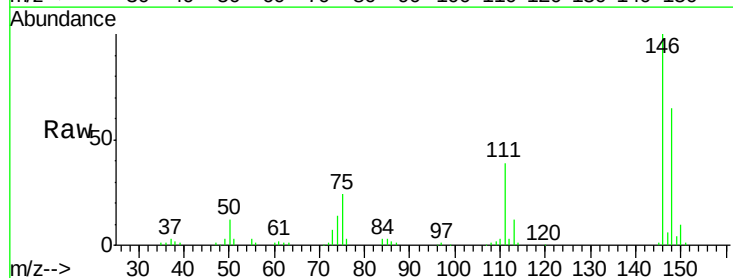
Tgt Ion: 146 Resp: 130819

Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

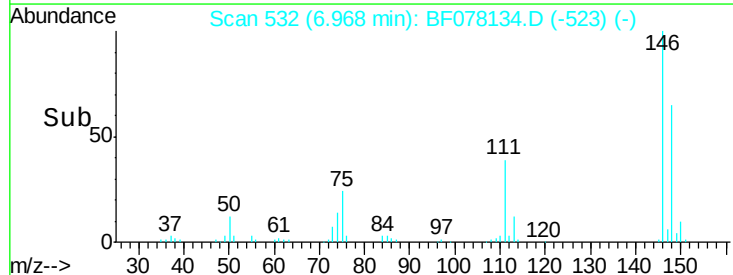
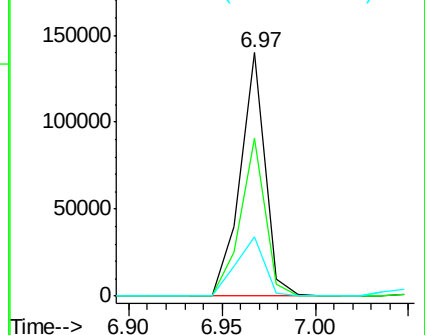
75 24.3 21.4 32.2

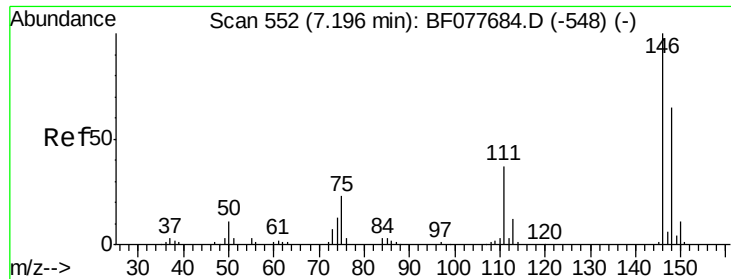


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

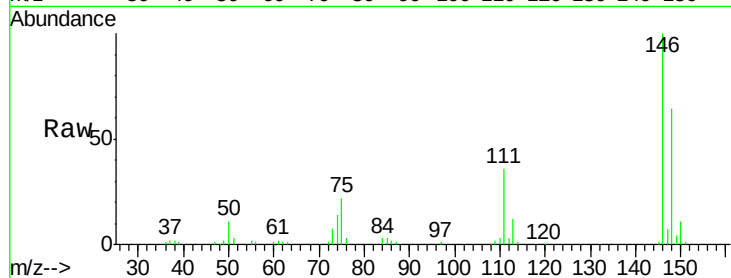




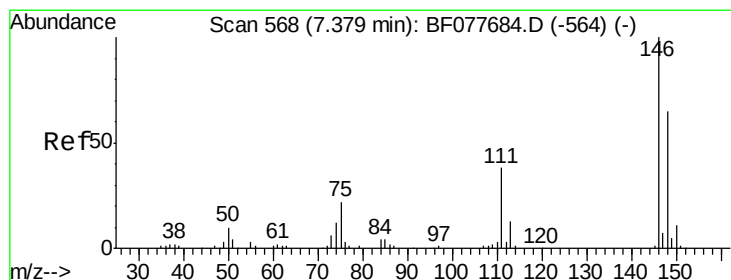
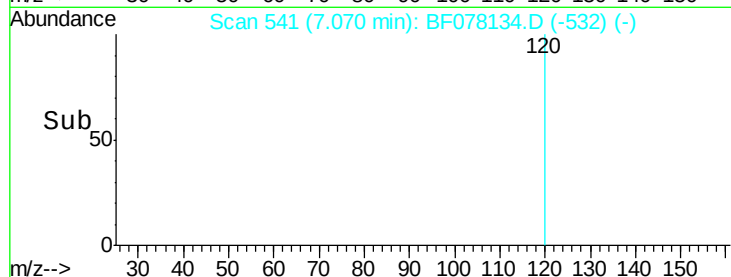
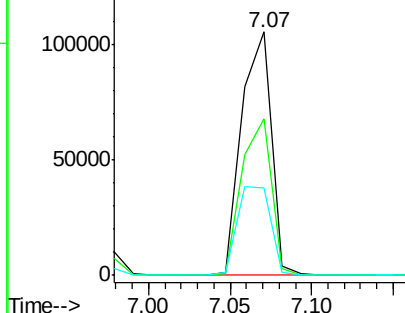
#13
 1,4-Dichlorobenzene
 Concen: 38.89 ng
 RT: 7.07 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampled :
 PB82420BS

Tgt Ion:146 Resp: 132603
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 35.9 29.2 43.8

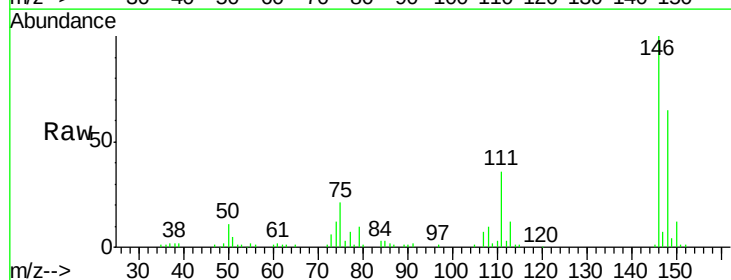


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

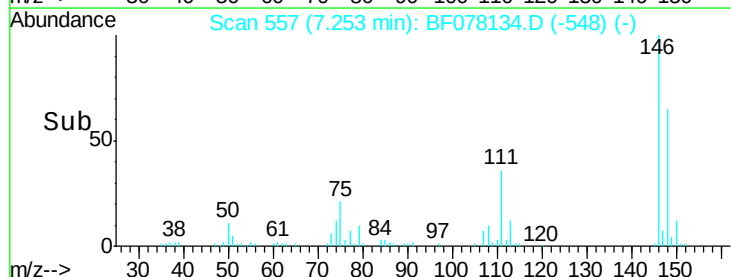
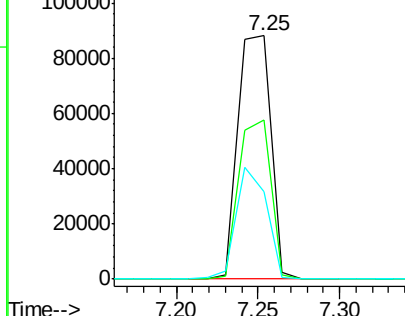


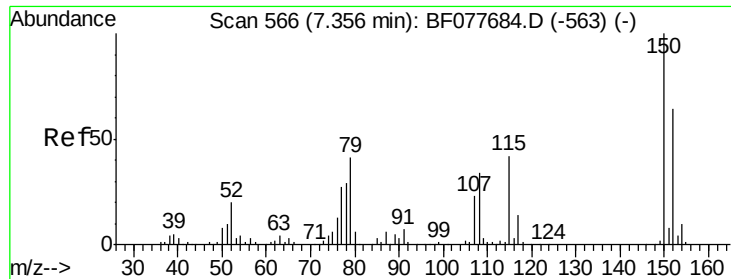
#14
 1,2-Dichlorobenzene
 Concen: 39.29 ng
 RT: 7.25 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:146 Resp: 122805
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 36.2 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

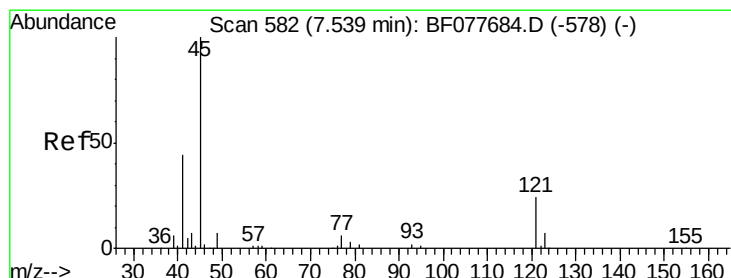
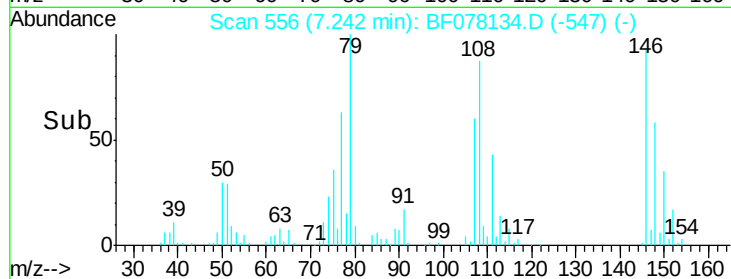
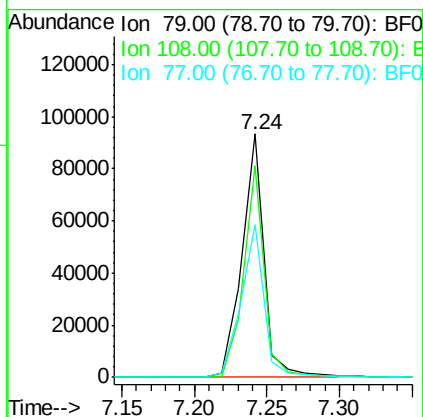
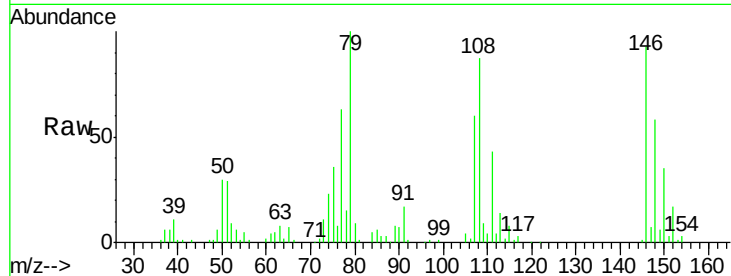




#15
Benzyl Alcohol
Concen: 41.29 ng
RT: 7.24 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

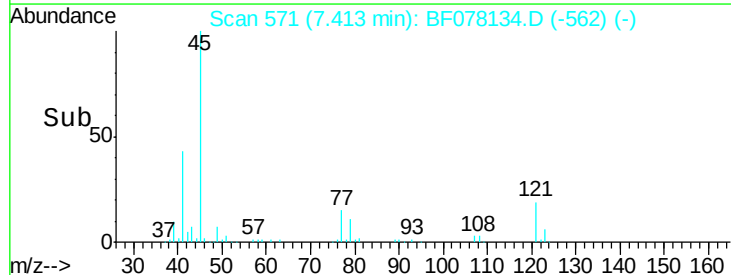
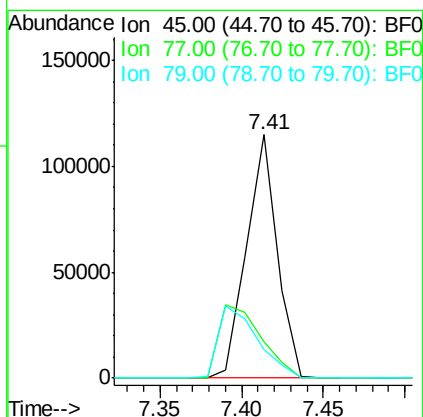
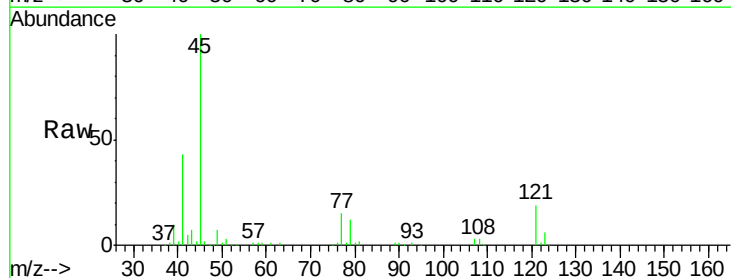
Instrument :
BNA_F
ClientSampleId :
PB82420BS

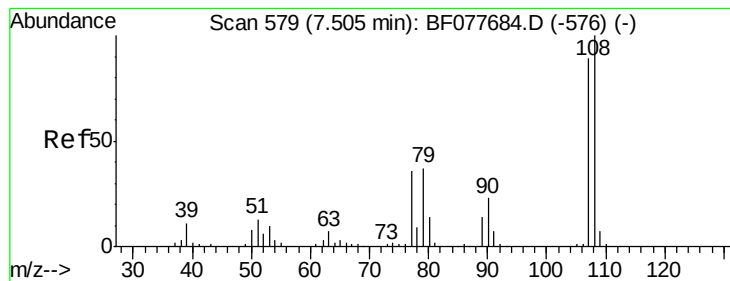
Tgt Ion: 79 Resp: 98709
Ion Ratio Lower Upper
79 100
108 87.0 65.0 97.4
77 62.8 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.90 ng
RT: 7.41 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion: 45 Resp: 149449
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.2
79 11.9 0.0 32.0





#17

2-Methylphenol

Concen: 40.16 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

Tgt Ion:107 Resp: 96469

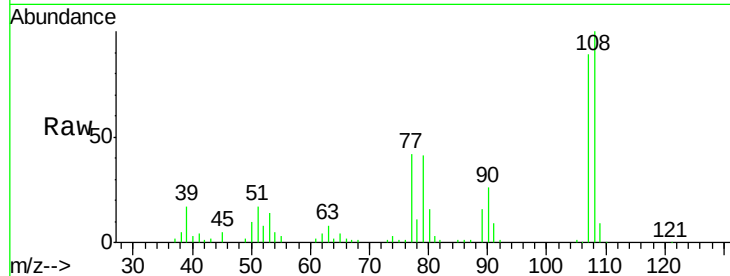
Ion Ratio Lower Upper

107 100

108 111.9 89.8 134.8

77 47.5 32.6 48.8

79 46.3 32.8 49.2

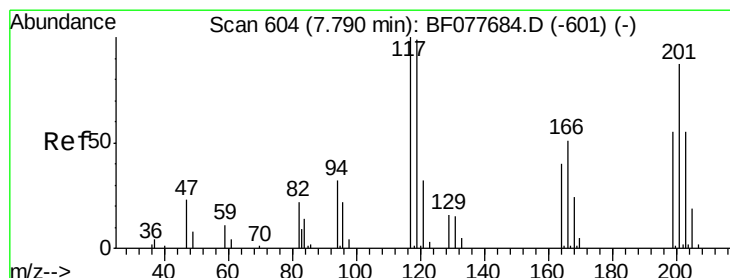
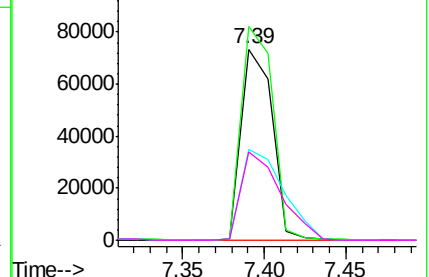
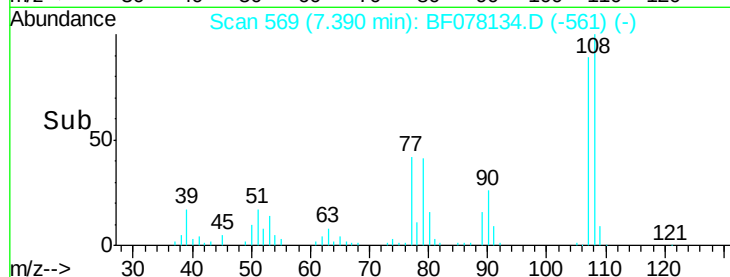


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.14 ng

RT: 7.66 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

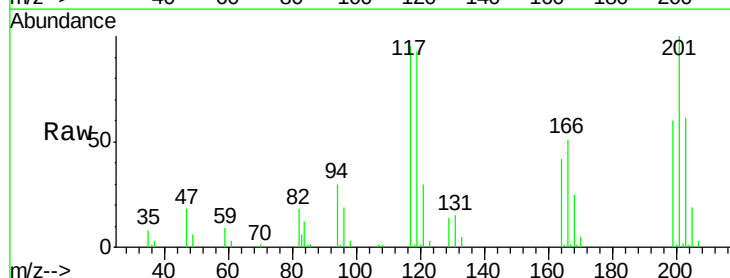
Tgt Ion:117 Resp: 44884

Ion Ratio Lower Upper

117 100

119 98.0 79.2 118.8

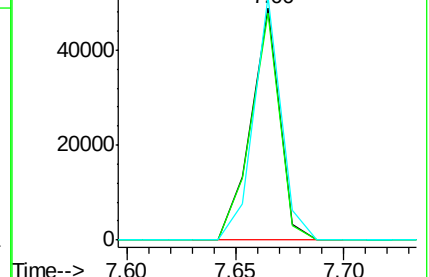
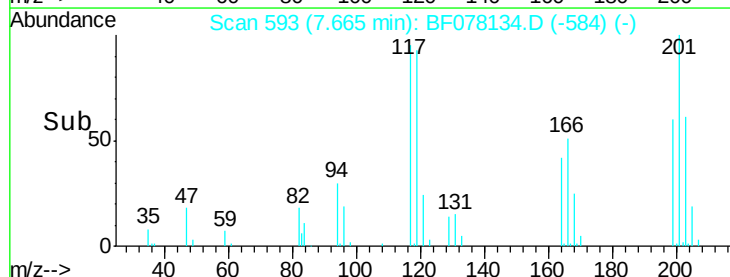
201 105.0 69.8 104.6#

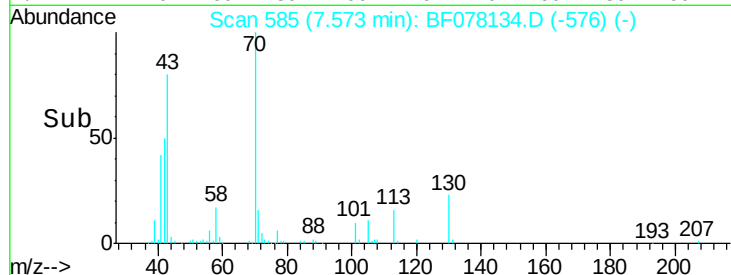
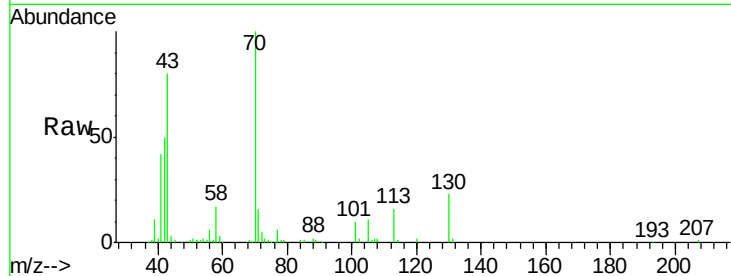
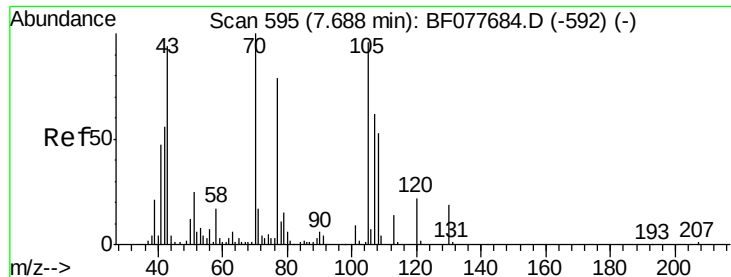


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

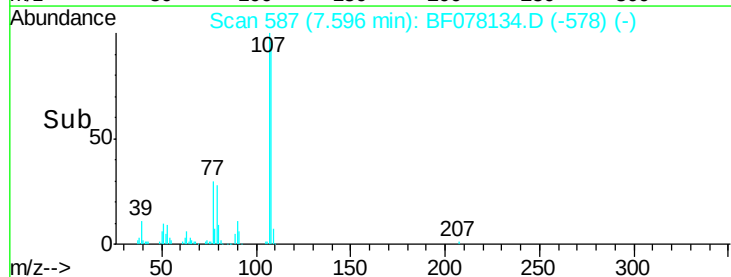
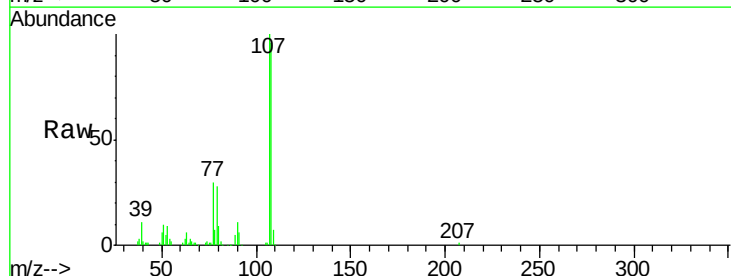
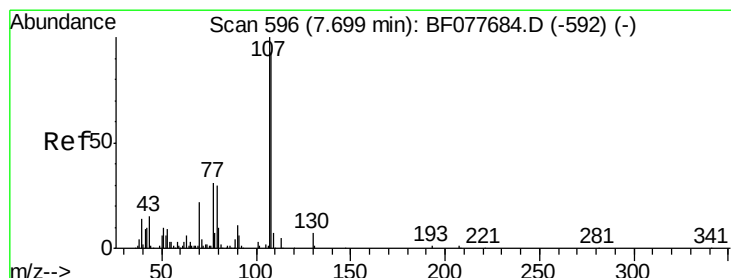
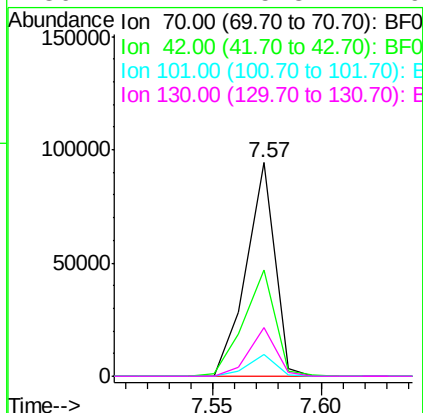




#19
n-Nitroso-di-n-propylamine
Concen: 40.93 ng
RT: 7.57 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

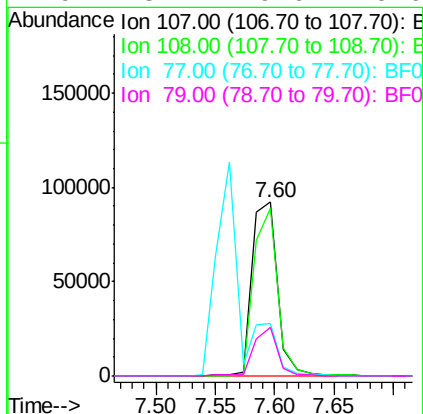
Instrument :
BNA_F
ClientSampled :
PB82420BS

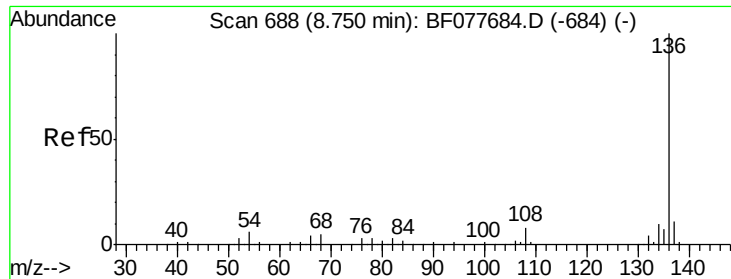
Tgt Ion:	70	Resp:	86714
Ion	Ratio	Lower	Upper
70	100		
42	49.7	44.5	66.7
101	10.2	7.4	11.2
130	22.7	15.3	22.9



#20
3+4-Methylphenols
Concen: 44.23 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:	107	Resp:	139405
Ion	Ratio	Lower	Upper
107	100		
108	96.5	73.2	113.2
77	30.0	10.7	50.7
79	28.1	9.6	49.6

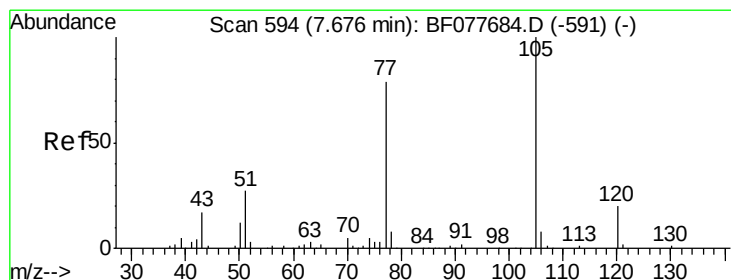
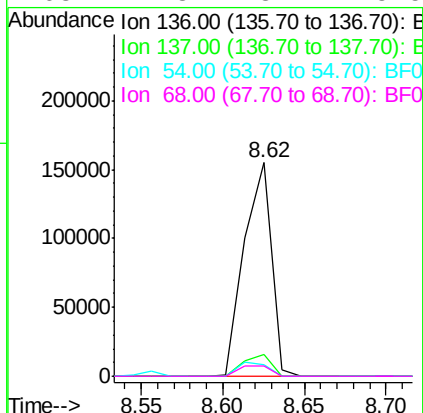
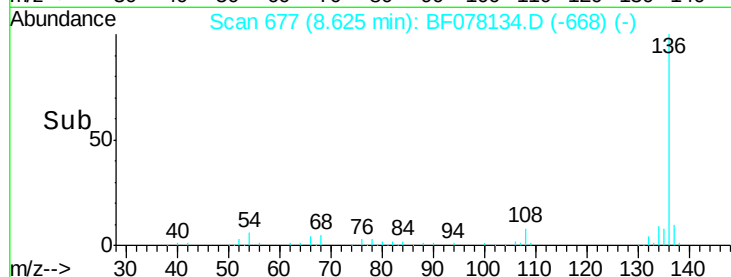
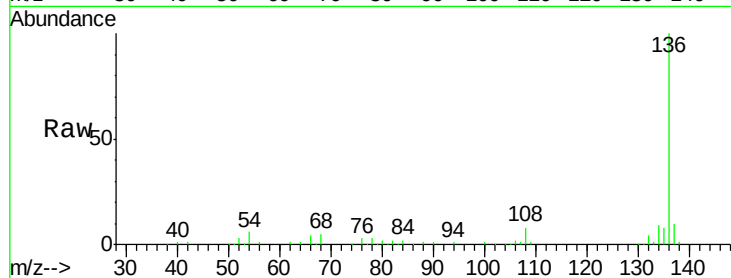




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

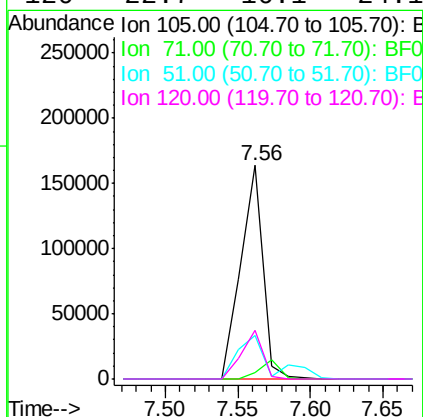
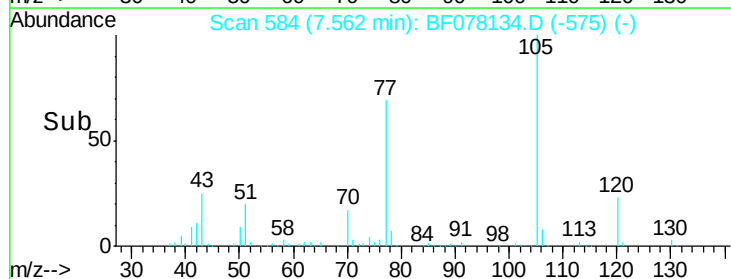
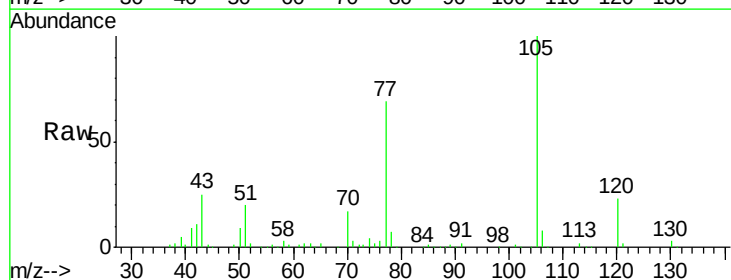
Instrument :
BNA_F
ClientSampleId :
PB82420BS

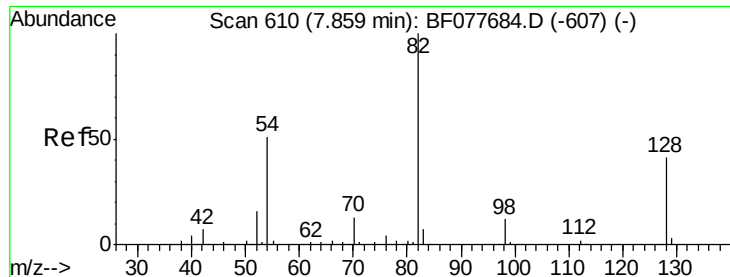
Tgt Ion:	136	Resp:	179549
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	5.6	4.6	6.8
68	4.8	3.7	5.5



#22
Acetophenone
Concen: 43.86 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:	105	Resp:	174333
Ion	Ratio	Lower	Upper
105	100		
71	3.1	0.6	1.0#
51	20.5	21.6	32.4#
120	22.7	16.1	24.1

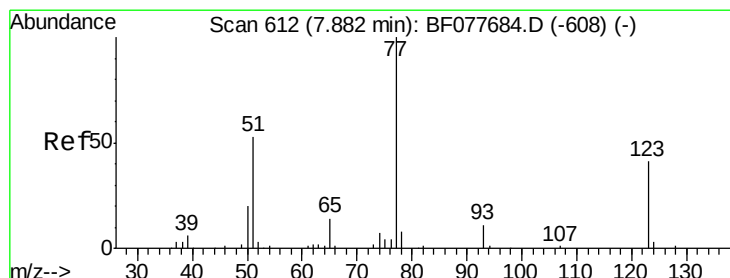
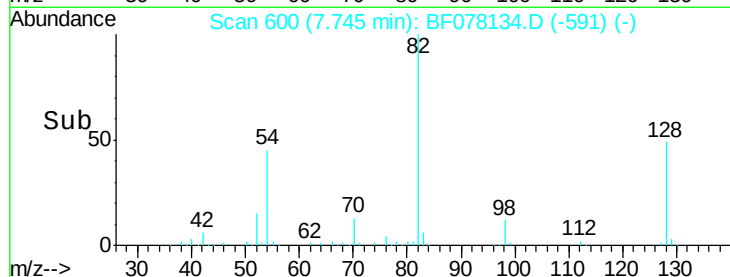
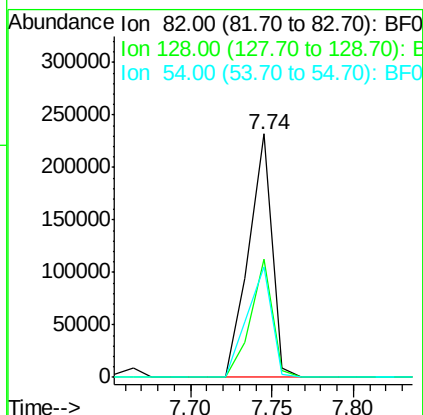
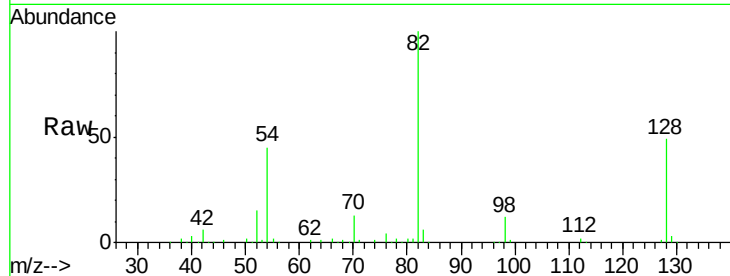




#23
 Nitrobenzene-d5
 Concen: 84.26 ng
 RT: 7.74 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

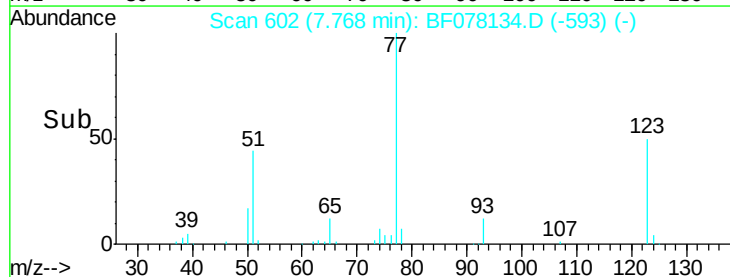
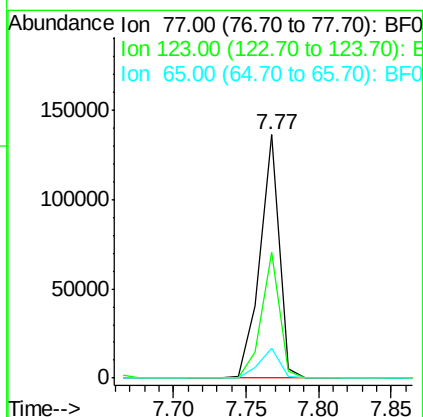
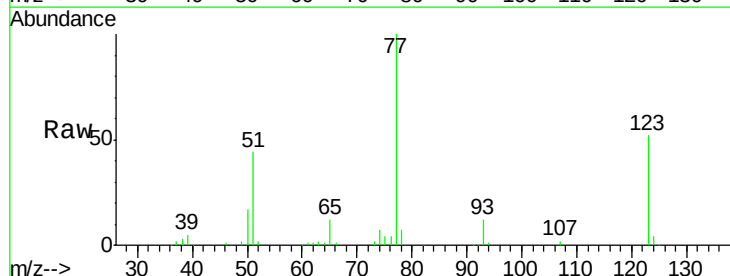
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

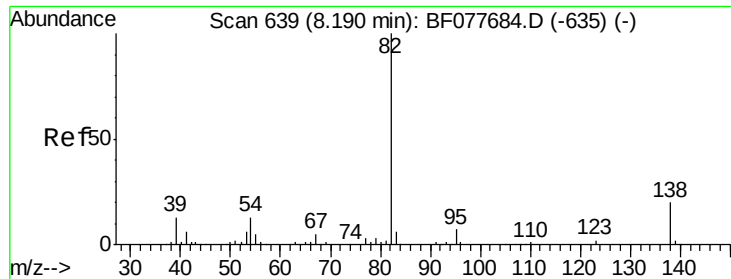
Tgt Ion: 82 Resp: 230790
 Ion Ratio Lower Upper
 82 100
 128 48.7 32.8 49.2
 54 45.2 40.6 60.8



#24
 Nitrobenzene
 Concen: 42.73 ng
 RT: 7.77 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion: 77 Resp: 126091
 Ion Ratio Lower Upper
 77 100
 123 51.6 32.6 49.0#
 65 12.1 10.9 16.3





#25

Isophorone

Concen: 40.90 ng

RT: 8.06 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

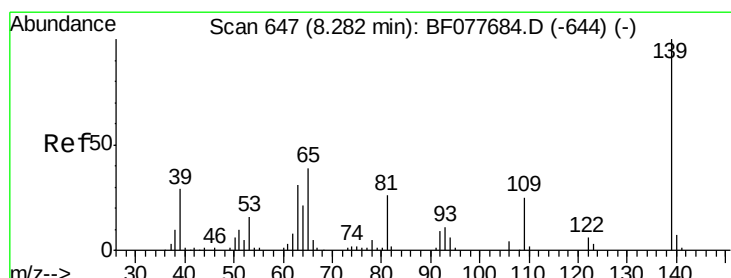
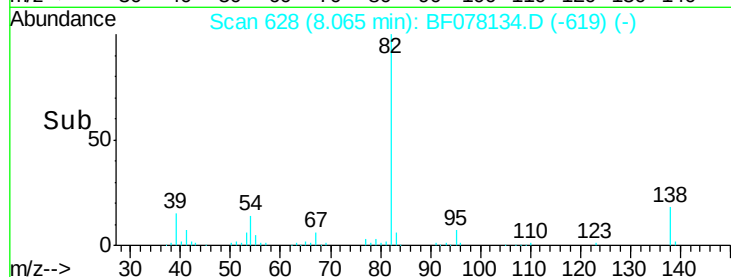
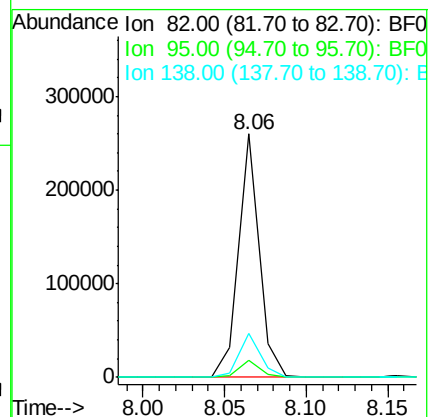
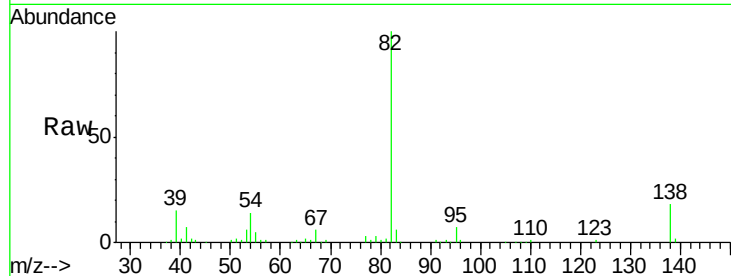
Tgt Ion: 82 Resp: 226226

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 17.8 16.3 24.5



#26

2-Nitrophenol

Concen: 41.12 ng

RT: 8.16 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

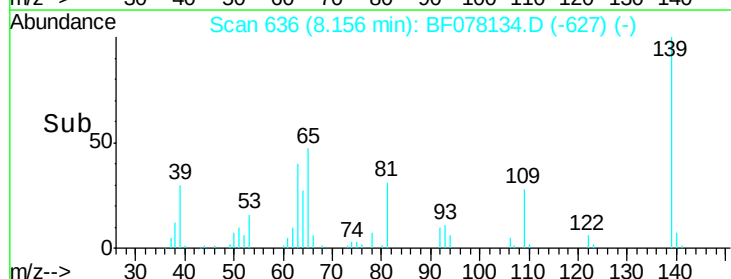
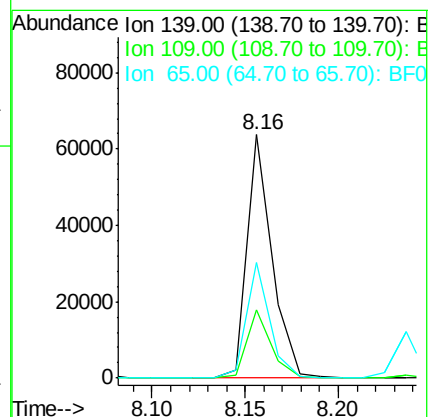
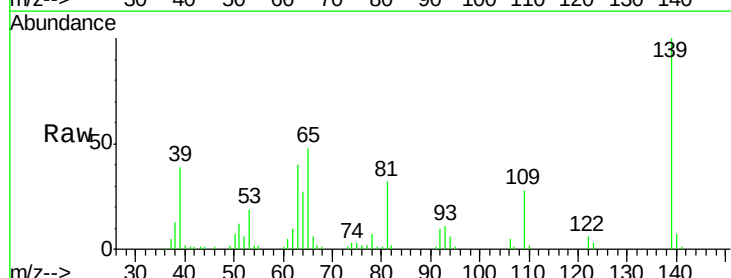
Tgt Ion: 139 Resp: 59406

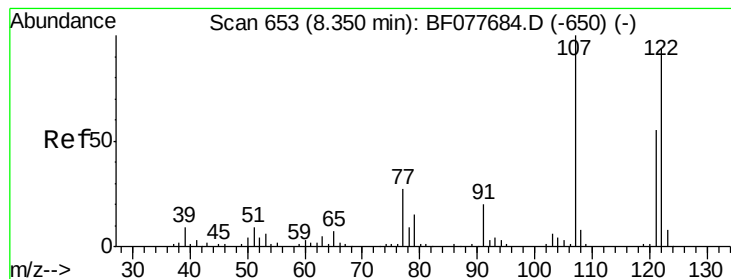
Ion Ratio Lower Upper

139 100

109 27.9 20.1 30.1

65 47.5 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 44.00 ng

RT: 8.24 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

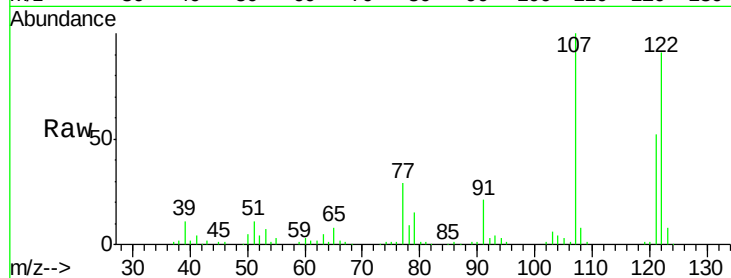
Tgt Ion:122 Resp: 115792

Ion Ratio Lower Upper

122 100

107 109.8 84.7 127.1

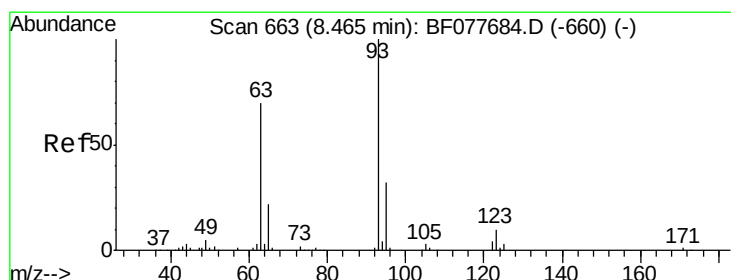
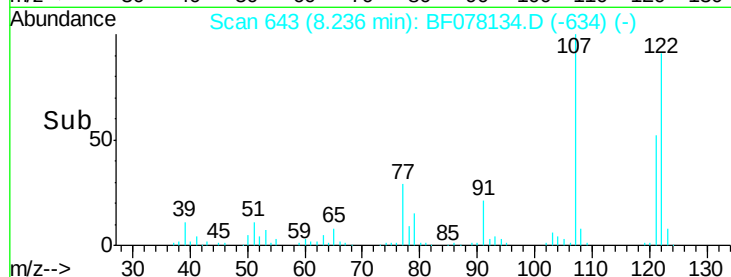
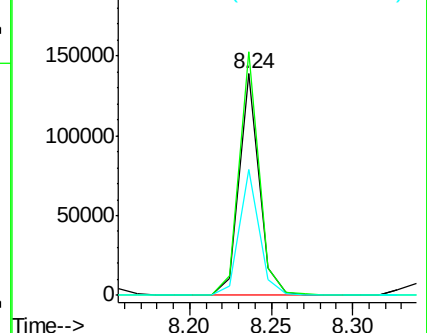
121 57.0 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.61 ng

RT: 8.35 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

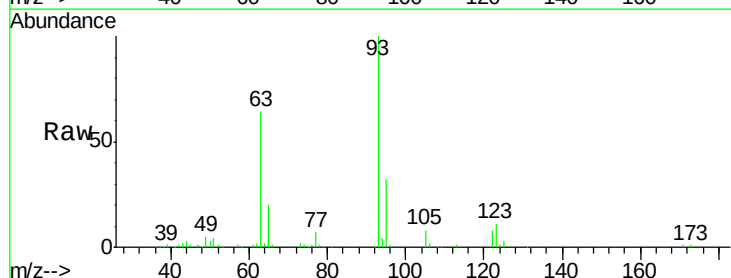
Tgt Ion: 93 Resp: 146436

Ion Ratio Lower Upper

93 100

95 32.0 25.5 38.3

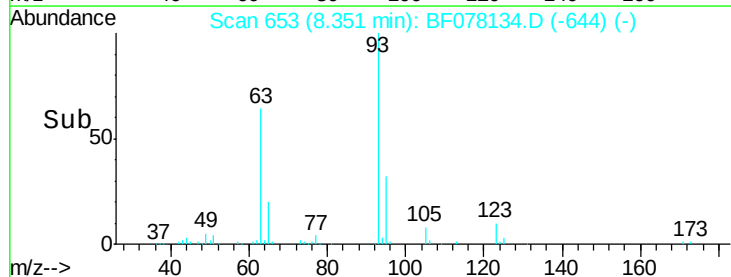
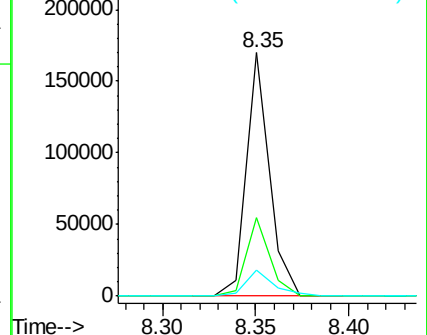
123 10.6 8.6 13.0

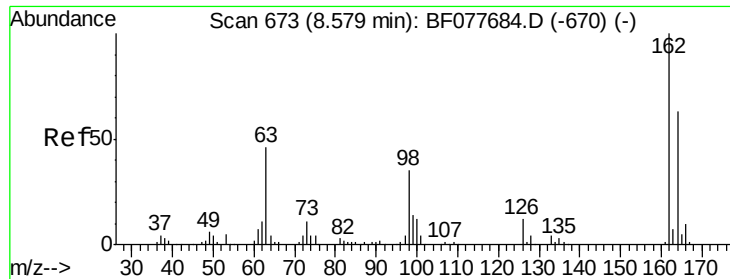


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

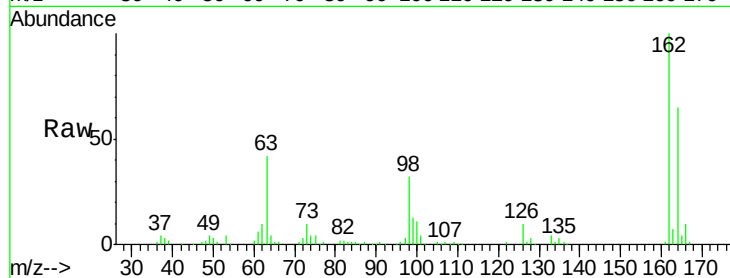




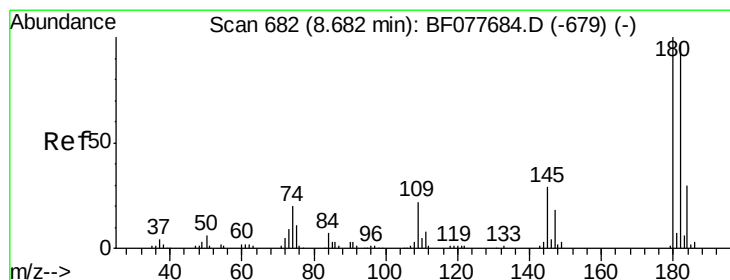
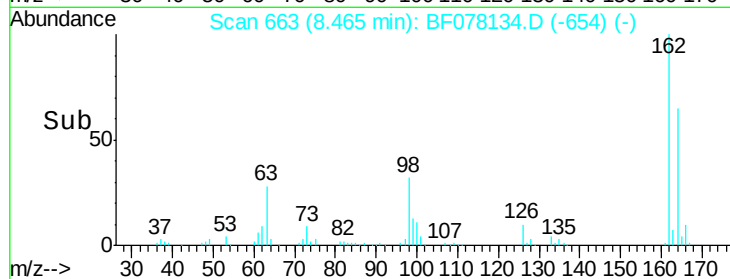
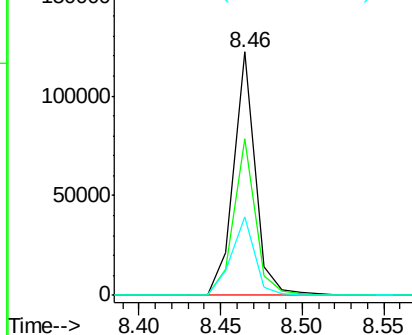
#29
2,4-Dichlorophenol
Concen: 44.37 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.8	82.8
98	32.2	14.5	54.5

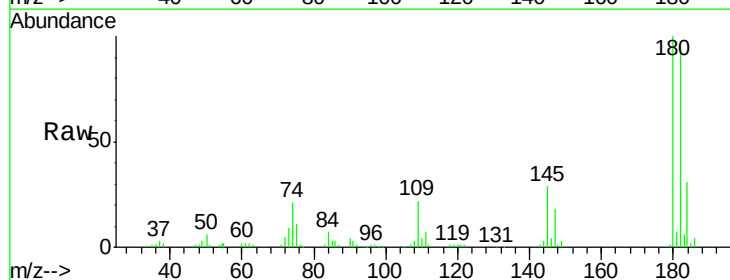


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

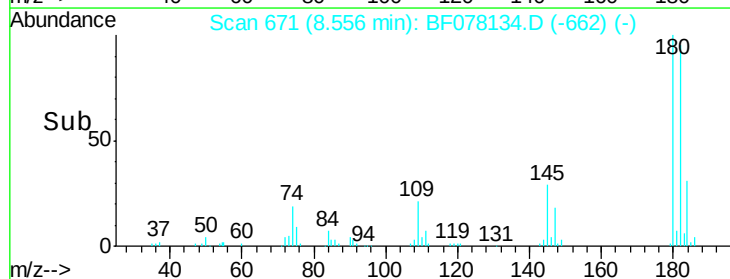
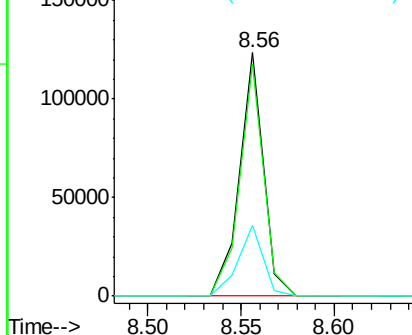


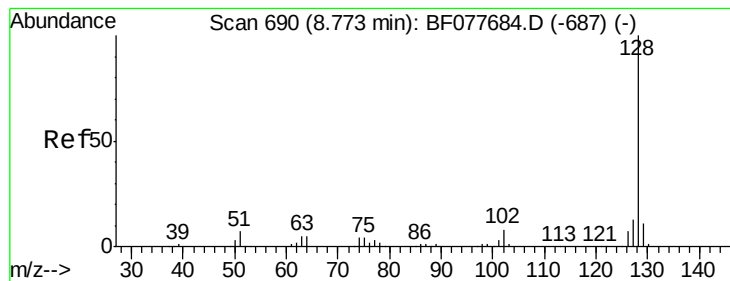
#30
1,2,4-Trichlorobenzene
Concen: 39.55 ng
RT: 8.56 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.6	116.4
145	29.0	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.27 ng

RT: 8.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

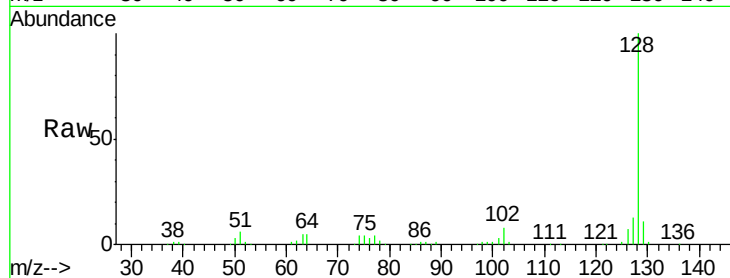
Tgt Ion:128 Resp: 371335

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

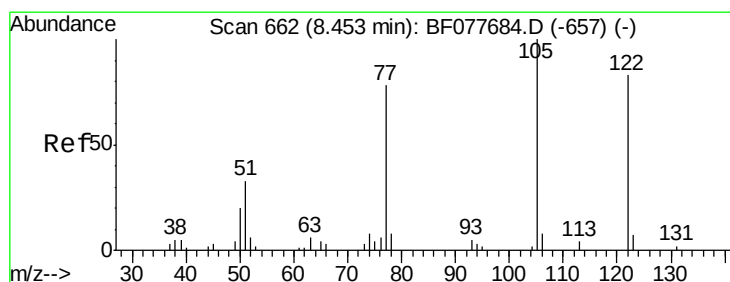
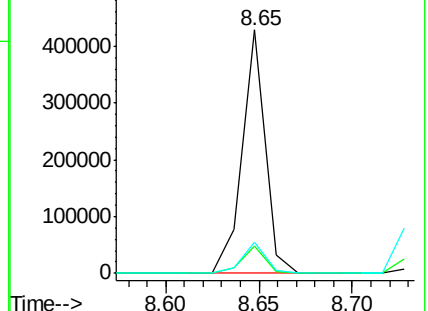
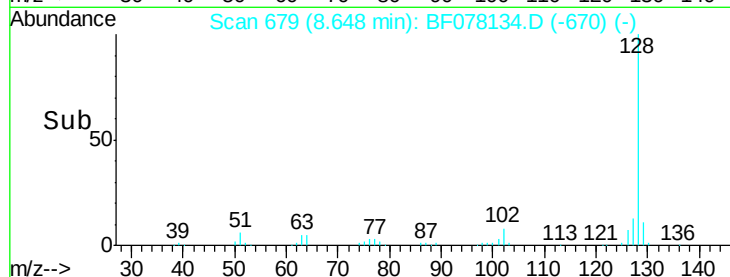
127 12.9 10.4 15.6



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: 35.74 ng

RT: 8.37 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

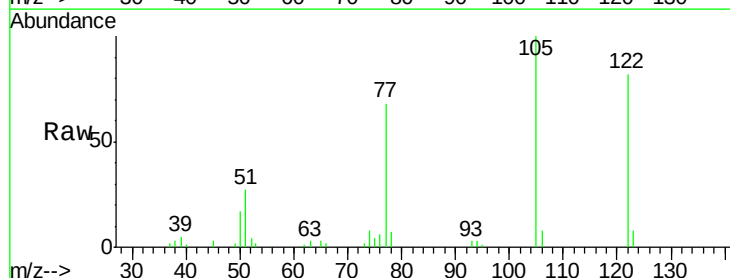
Tgt Ion:122 Resp: 51233

Ion Ratio Lower Upper

122 100

105 121.6 99.9 139.9

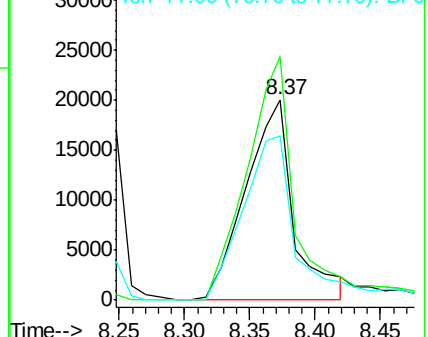
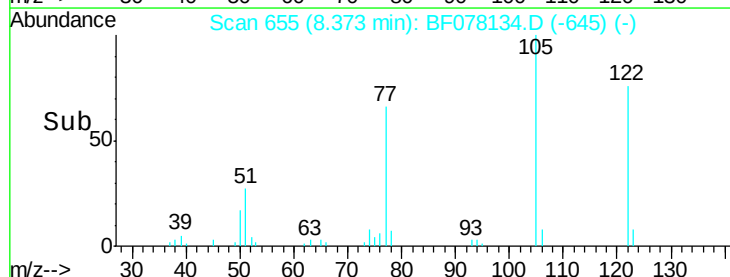
77 82.2 73.7 113.7

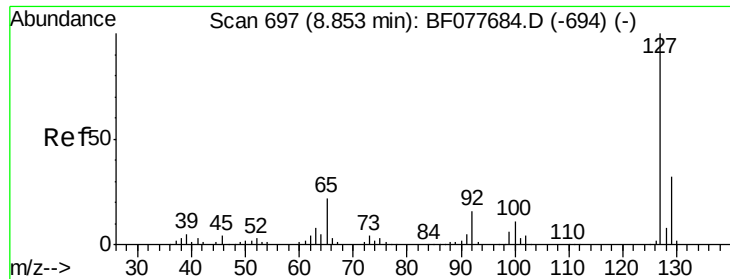


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

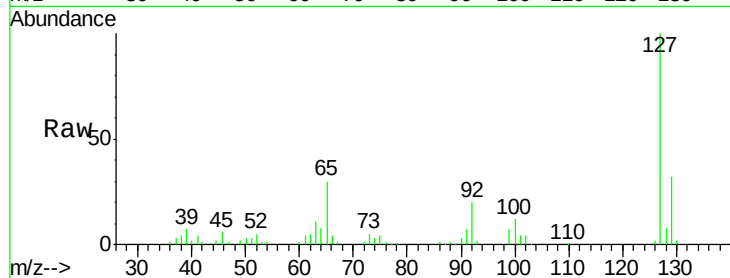




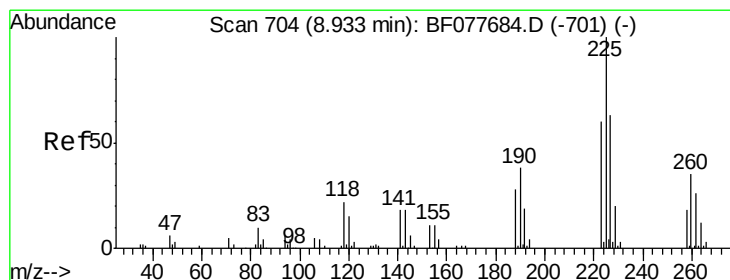
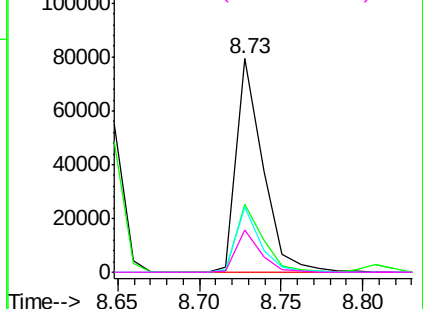
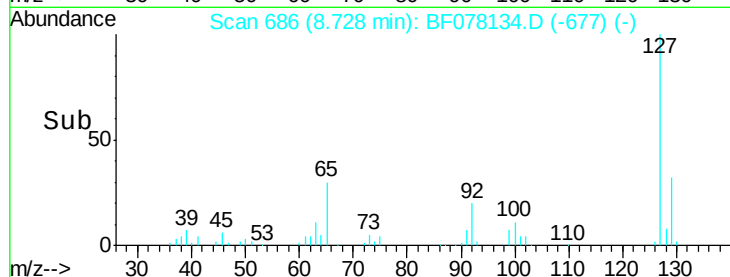
#33
4-Chloroaniline
Concen: 23.94 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tgt Ion:127 Resp: 89587
Ion Ratio Lower Upper
127 100
129 31.5 25.3 37.9
65 30.5 17.6 26.4#
92 19.9 13.1 19.7#

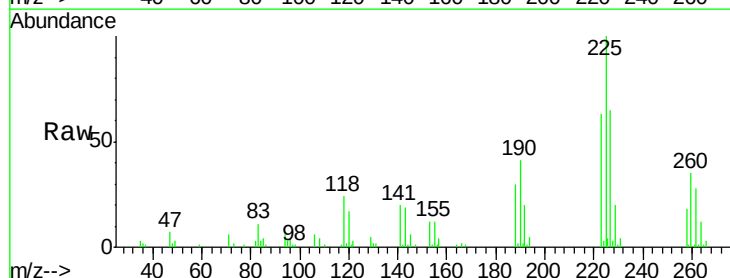


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

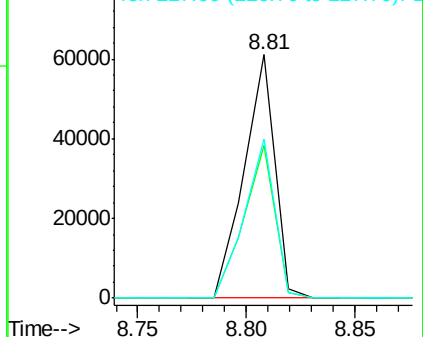
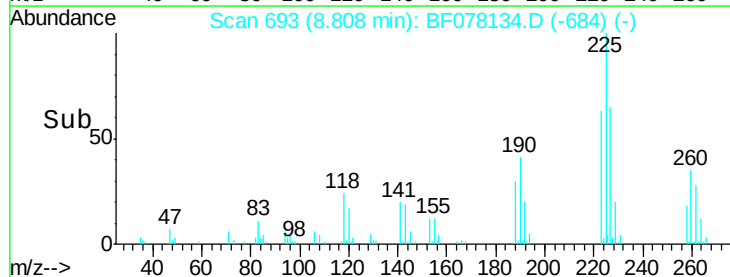


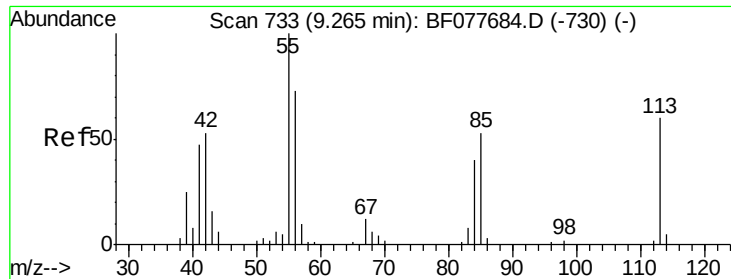
#34
Hexachlorobutadiene
Concen: 37.51 ng
RT: 8.81 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:225 Resp: 59681
Ion Ratio Lower Upper
225 100
223 62.9 47.9 71.9
227 65.5 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

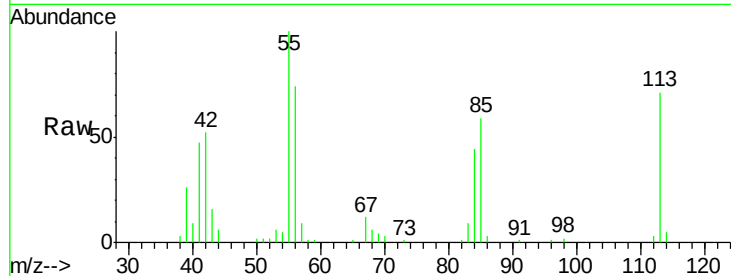




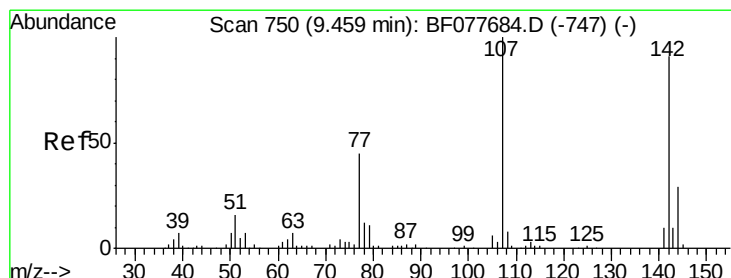
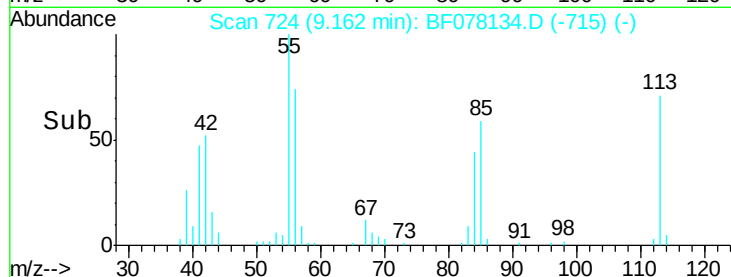
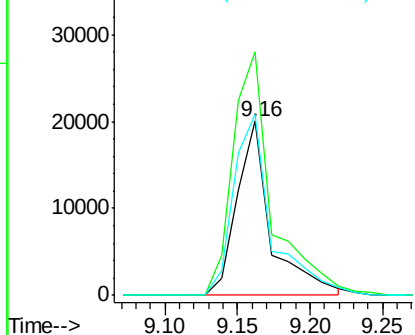
#35
 Caprolactam
 Concen: 44.48 ng
 RT: 9.16 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tgt Ion:113 Resp: 32614
 Ion Ratio Lower Upper
 113 100
 55 140.0 145.9 185.9#
 56 104.1 101.0 141.0

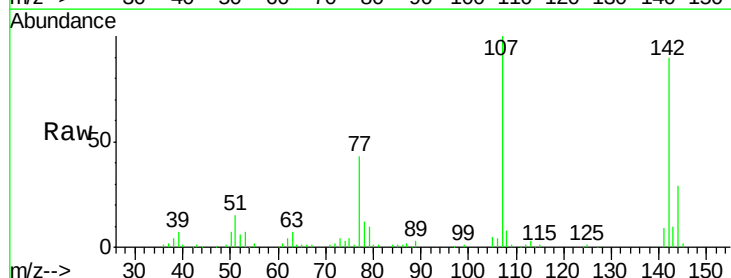


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

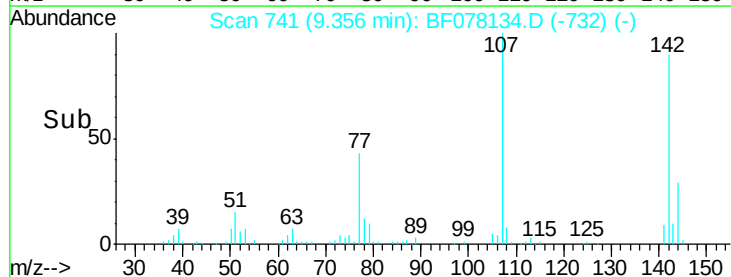
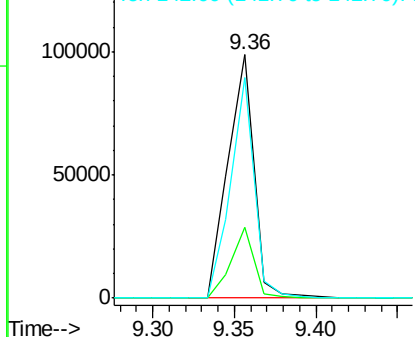


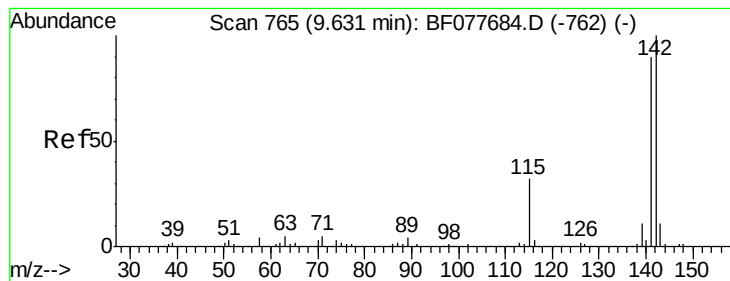
#36
 4-Chloro-3-methylphenol
 Concen: 43.02 ng
 RT: 9.36 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:107 Resp: 108580
 Ion Ratio Lower Upper
 107 100
 144 29.1 23.3 34.9
 142 90.4 72.6 109.0



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

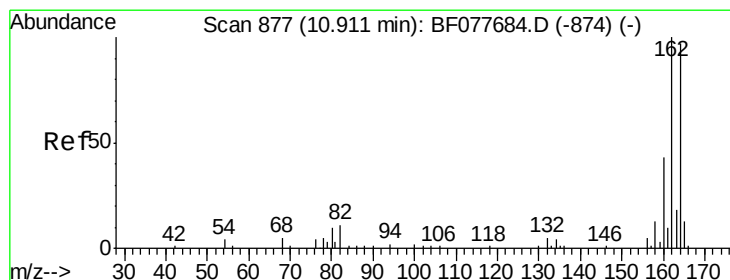
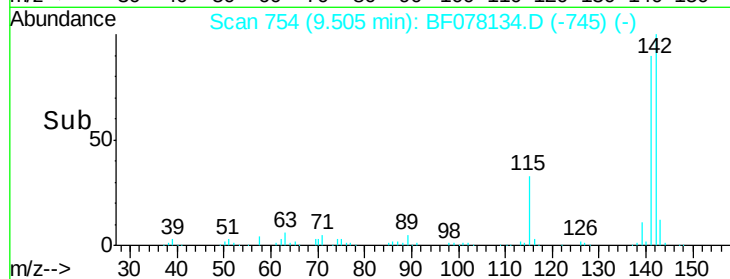
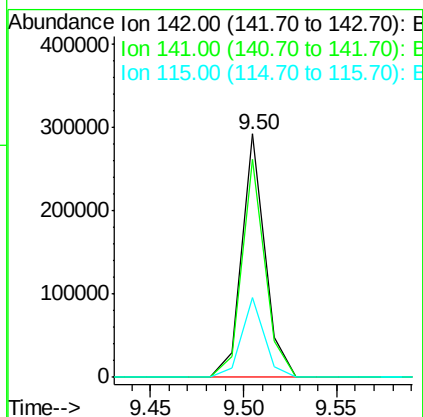
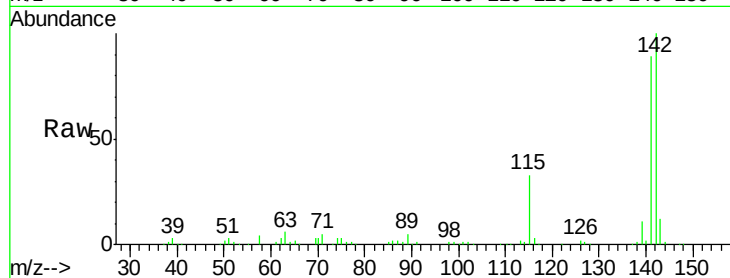




#37
 2-Methylnaphthalene
 Concen: 41.04 ng
 RT: 9.50 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

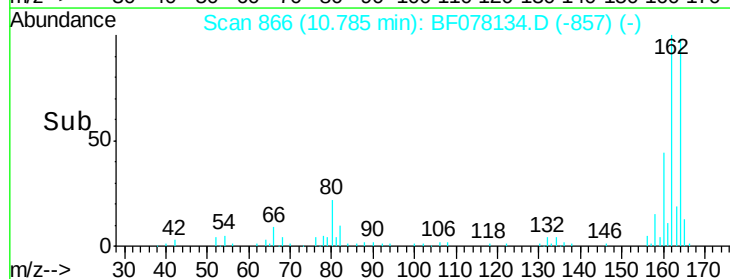
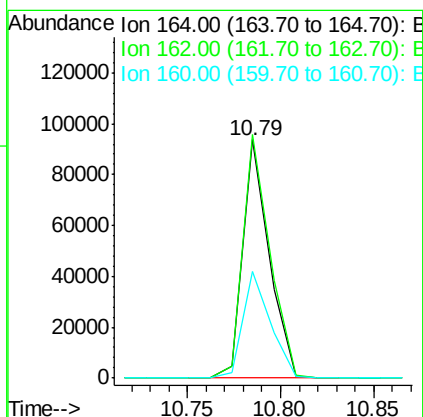
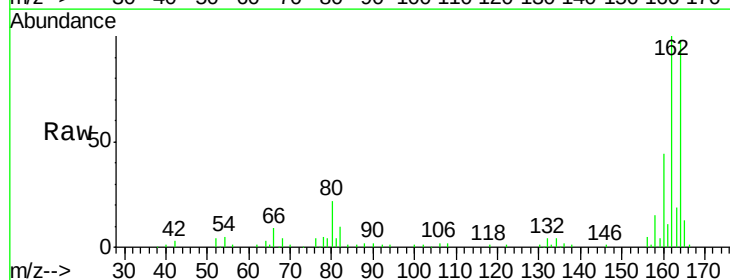
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

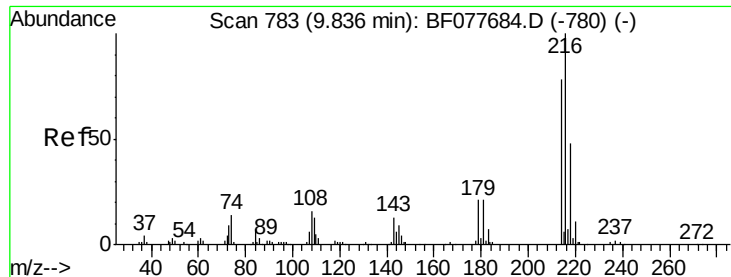
Tgt Ion:142 Resp: 254269
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.9 107.9
 115 32.8 25.4 38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.79 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:164 Resp: 91908
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.4 123.6
 160 44.6 35.8 53.6

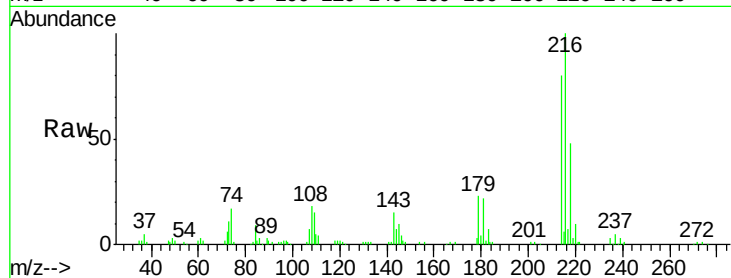




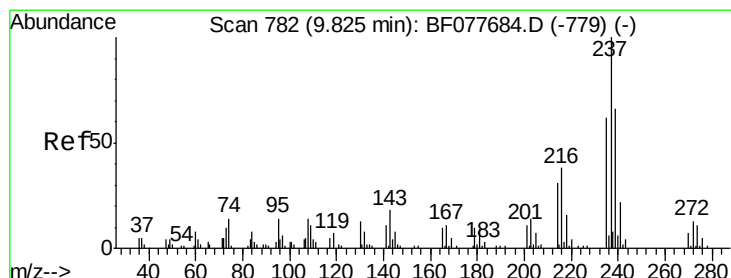
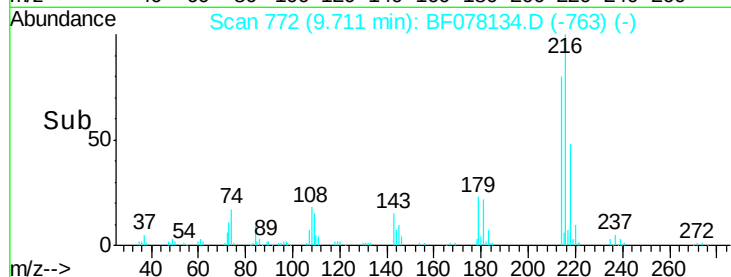
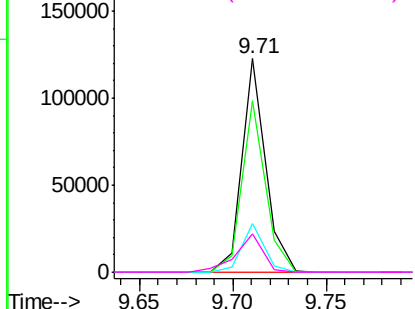
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.58 ng
 RT: 9.71 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tgt Ion:	216	Resp:	108493
Ion Ratio	Lower	Upper	
216	100		
214	79.7	0.0	0.0#
179	21.9	0.0	0.0#
108	20.5	0.0	0.0#

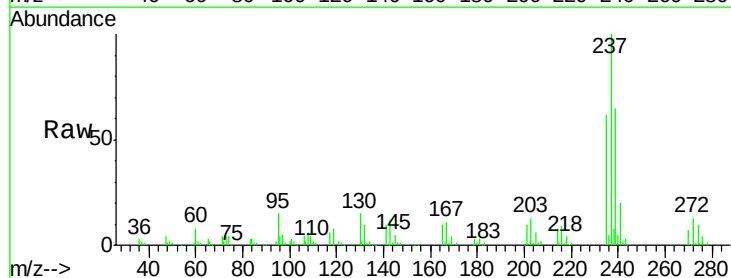


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

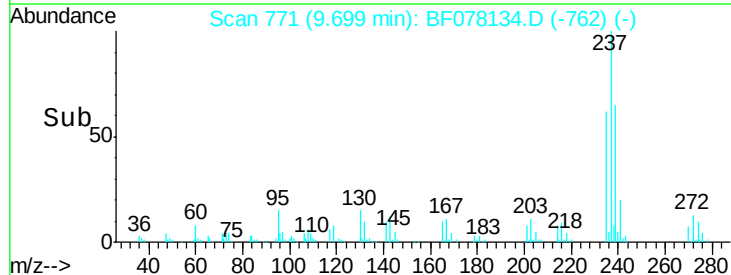
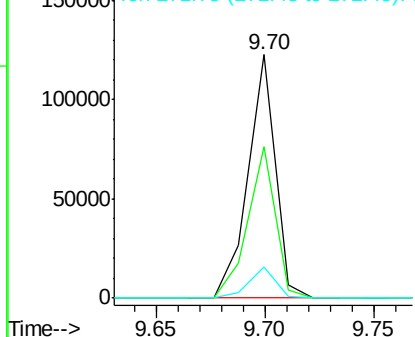


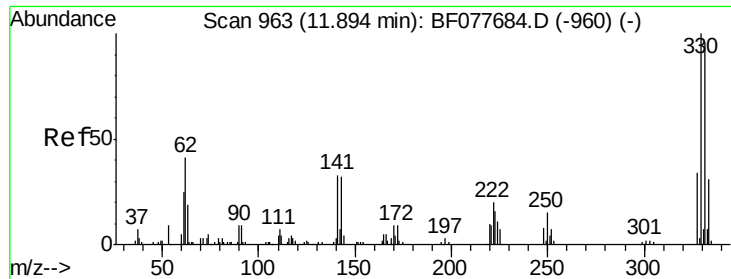
#40
 Hexachlorocyclopentadiene
 Concen: 78.01 ng
 RT: 9.70 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:	237	Resp:	106937
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.0	82.0
272	12.7	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

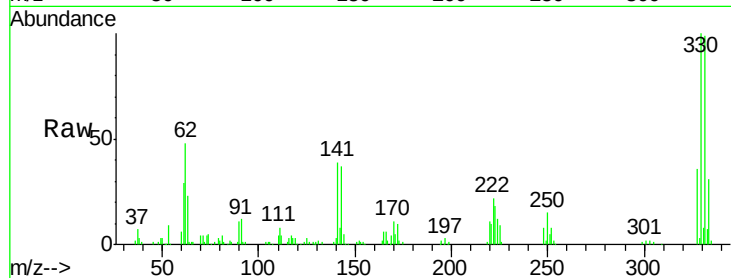




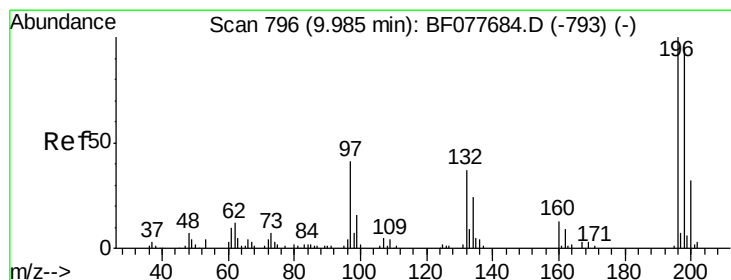
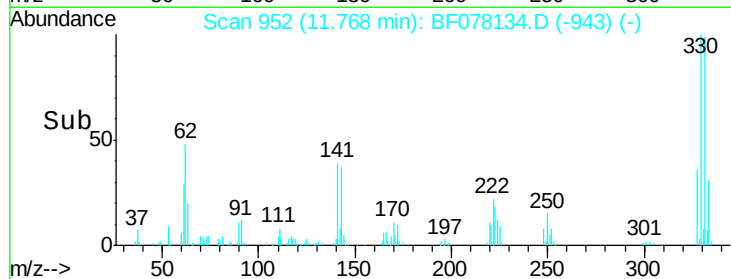
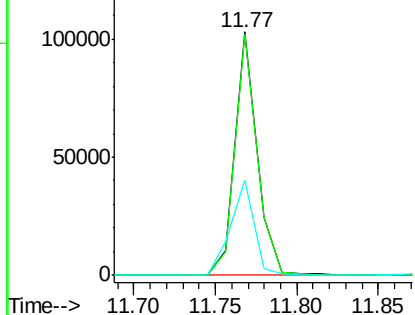
#41
 2,4,6-Tribromophenol
 Concen: 110.10 ng
 RT: 11.77 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tgt Ion:330 Resp: 96817
 Ion Ratio Lower Upper
 330 100
 332 98.5 0.0 0.0#
 141 40.7 0.0 0.0#

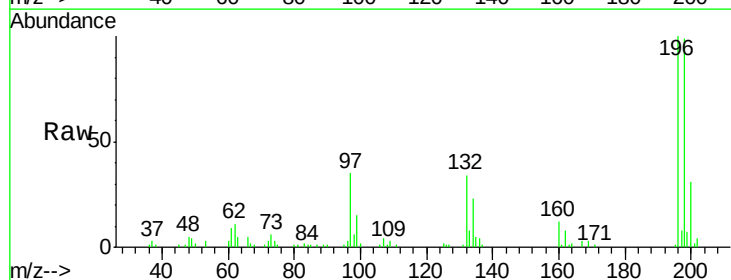


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

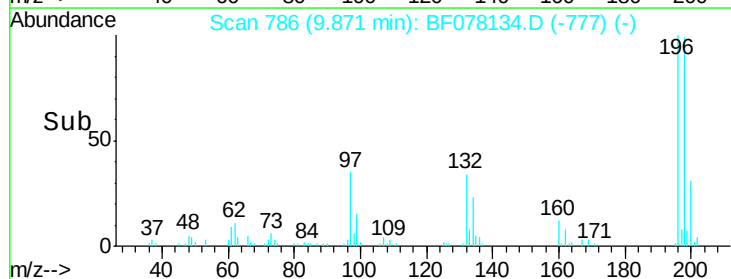
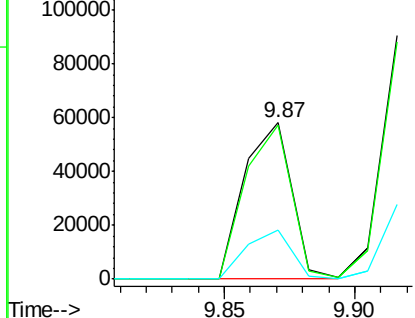


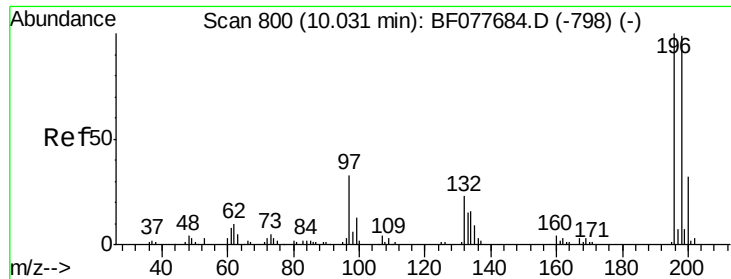
#42
 2,4,6-Trichlorophenol
 Concen: 38.65 ng
 RT: 9.87 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:196 Resp: 73396
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.3 114.5
 200 31.5 25.6 38.4



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

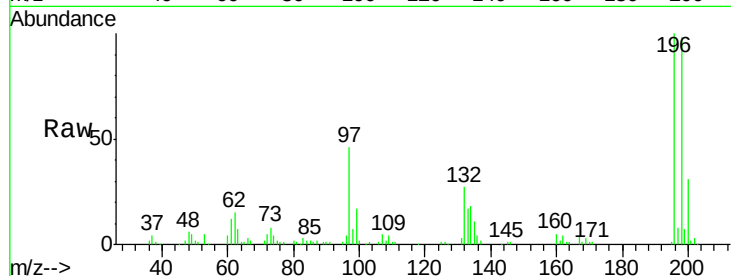




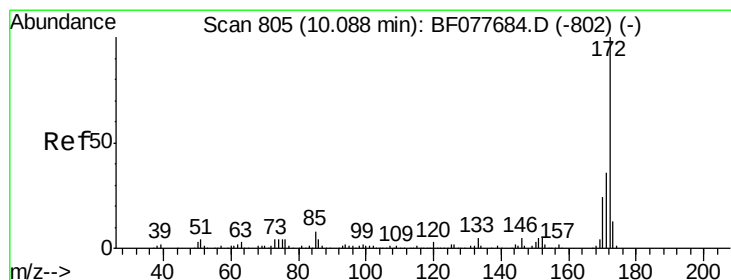
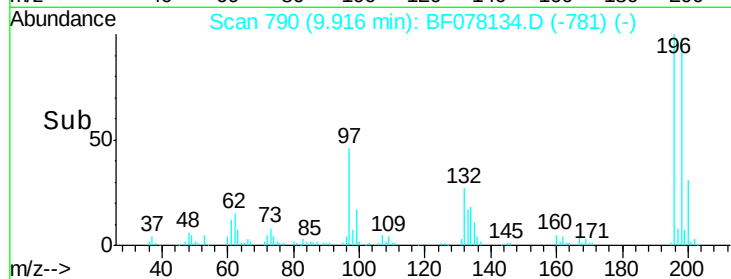
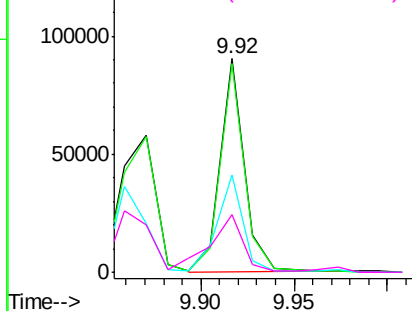
#43
 2,4,5-Trichlorophenol
 Concen: 40.14 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tgt Ion:	196	Resp:	82352
Ion	Ratio	Lower	Upper
196	100		
198	97.6	79.4	119.0
97	45.5	26.8	40.2#
132	27.3	18.6	28.0

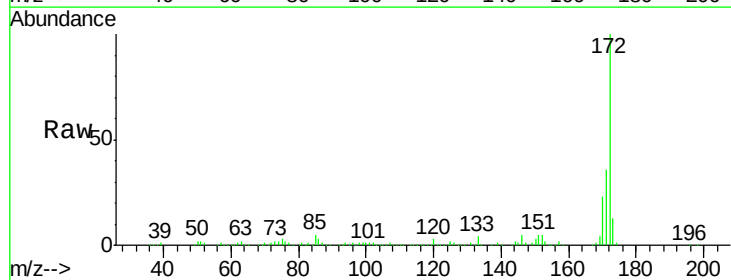


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

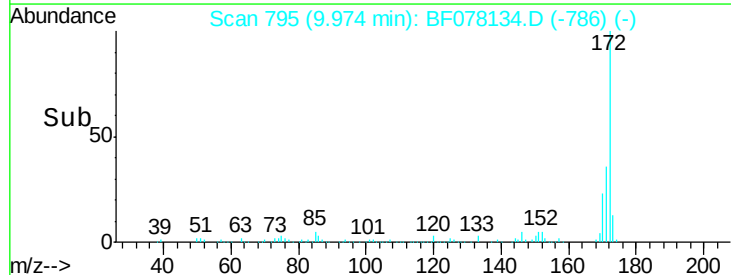
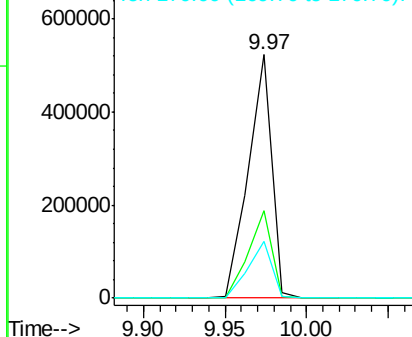


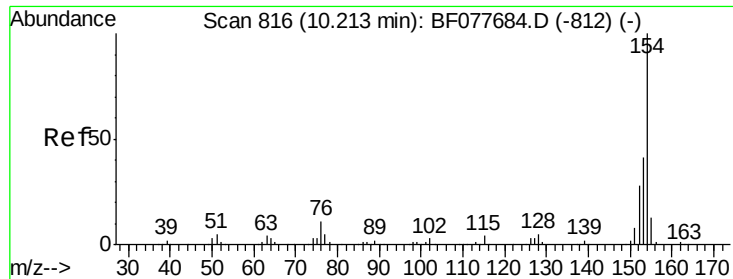
#44
 2-Fluorobiphenyl
 Concen: 83.06 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:	172	Resp:	519480
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.3	18.8	28.2



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

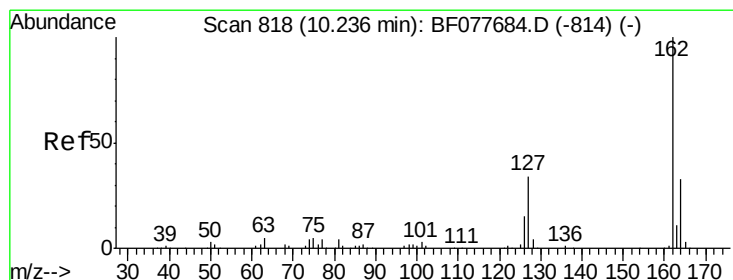
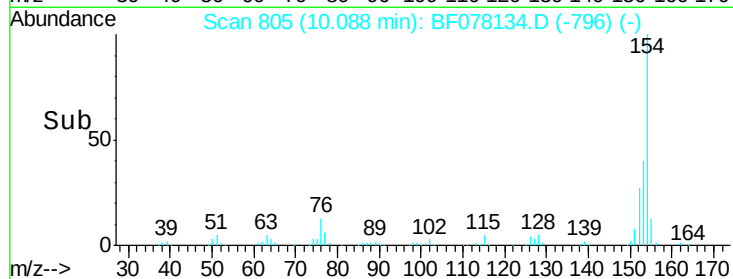
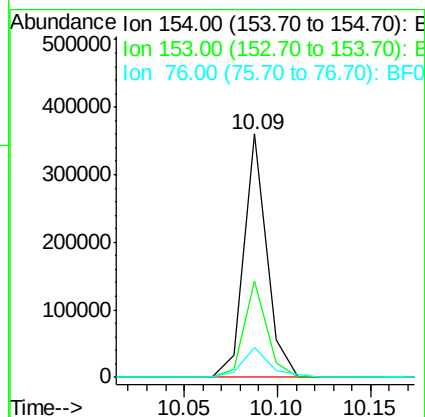
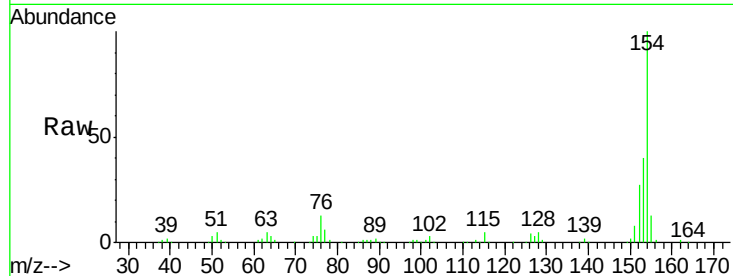




#45
1,1'-Biphenyl
Concen: 41.95 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

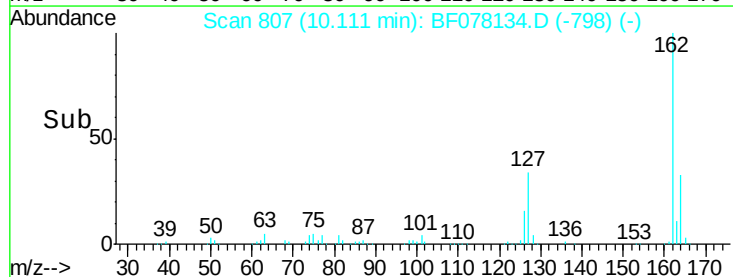
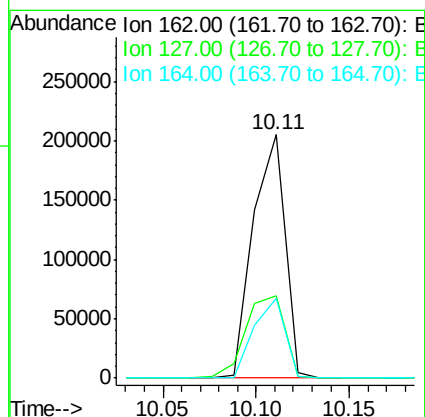
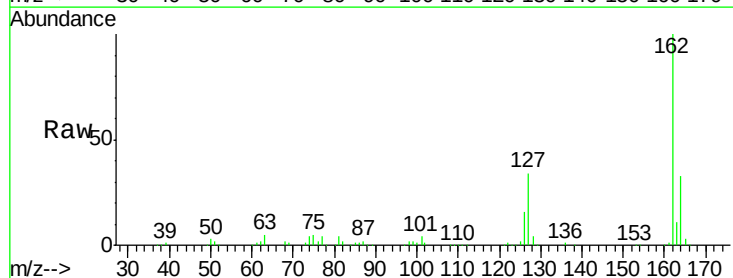
Instrument :
BNA_F
ClientSampleId :
PB82420BS

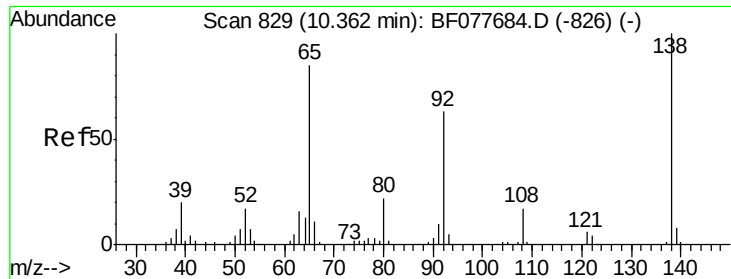
Tgt Ion:154 Resp: 308185
Ion Ratio Lower Upper
154 100
153 39.6 20.7 60.7
76 12.5 0.0 30.9



#46
2-Chloronaphthalene
Concen: 40.57 ng
RT: 10.11 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:162 Resp: 242250
Ion Ratio Lower Upper
162 100
127 33.8 26.9 40.3
164 32.8 26.8 40.2

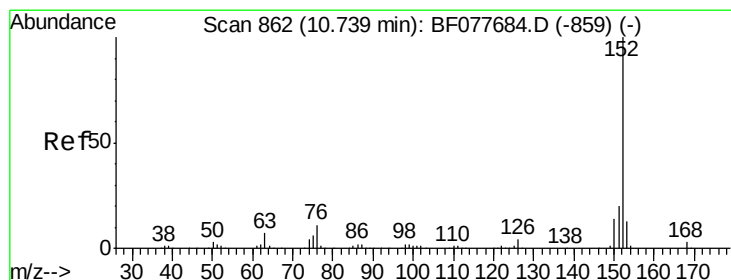
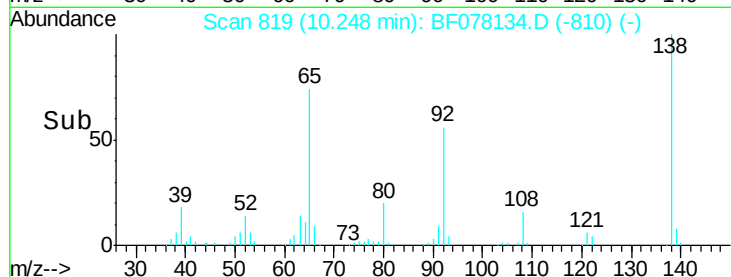
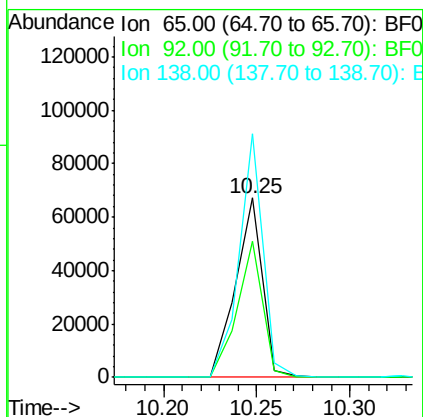
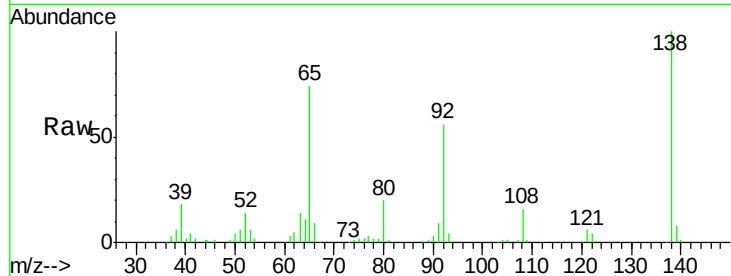




#47
2-Nitroaniline
Concen: 45.54 ng
RT: 10.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

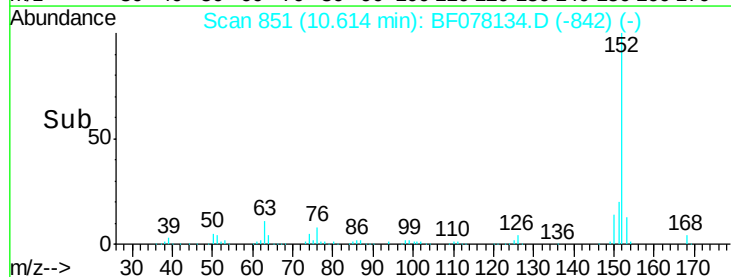
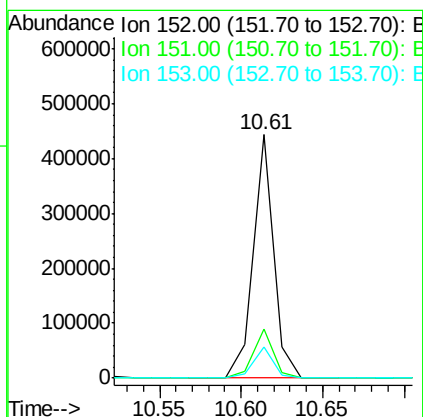
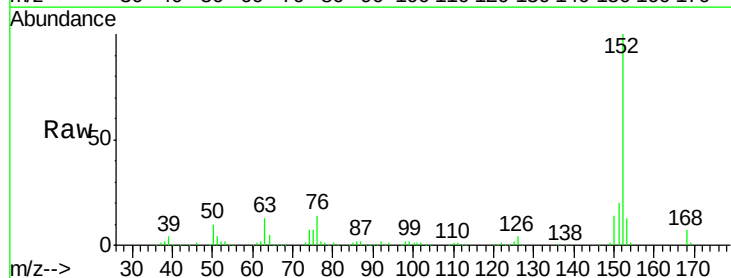
Instrument :
BNA_F
ClientSampleId :
PB82420BS

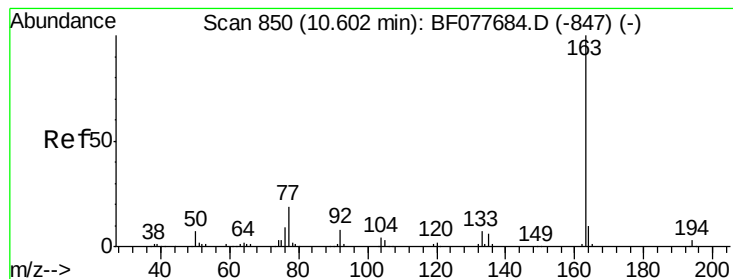
Tgt Ion: 65 Resp: 67536
Ion Ratio Lower Upper
65 100
92 76.0 59.1 88.7
138 135.6 93.9 140.9



#48
Acenaphthylene
Concen: 38.91 ng
RT: 10.61 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion: 152 Resp: 386350
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 43.83 ng

RT: 10.49 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

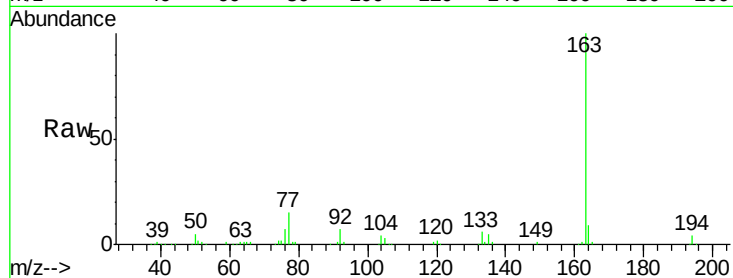
Tgt Ion:163 Resp: 298799

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

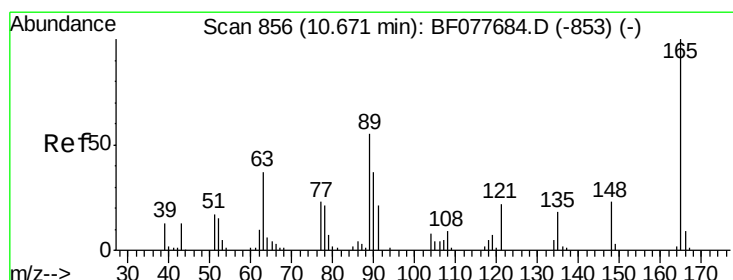
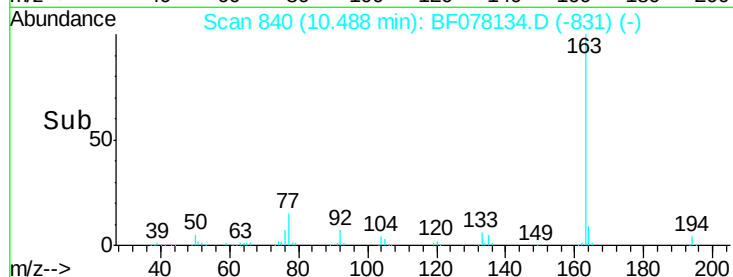
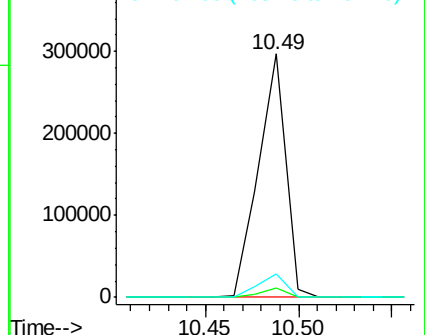
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.25 ng

RT: 10.56 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

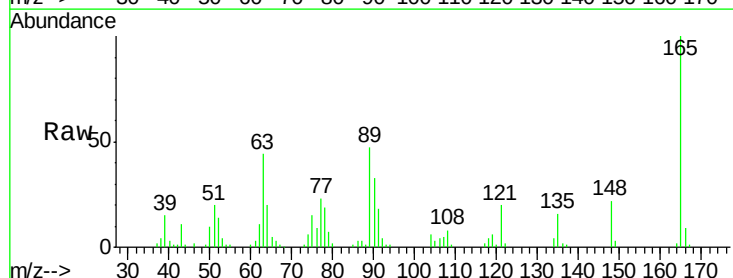
Tgt Ion:165 Resp: 65354

Ion Ratio Lower Upper

165 100

63 44.2 44.1 66.1

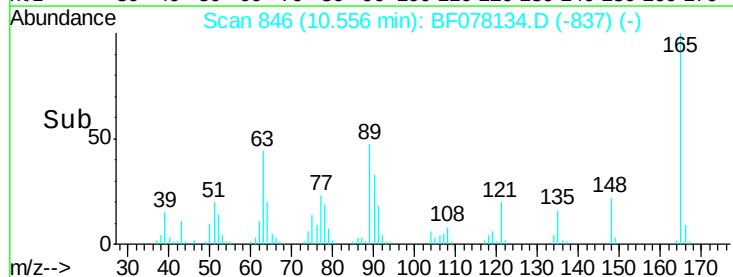
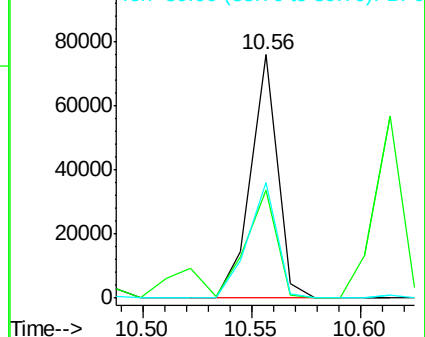
89 47.3 44.3 66.5

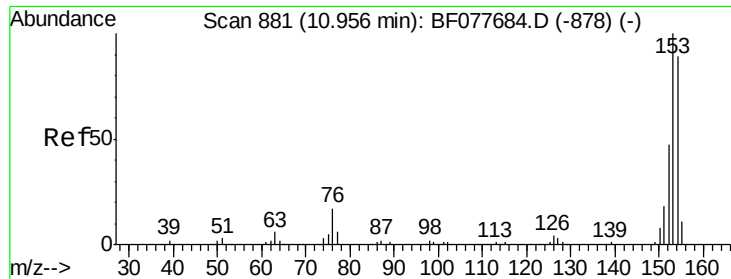


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

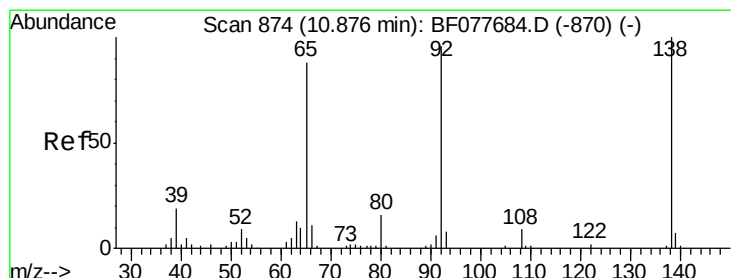
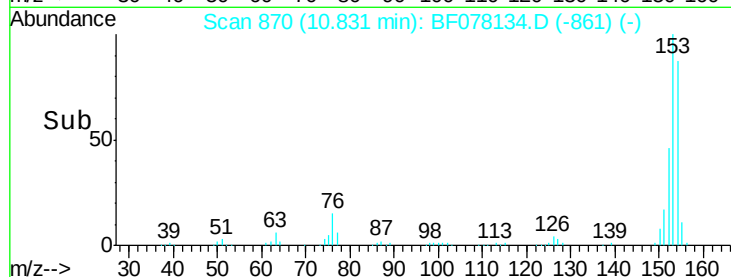
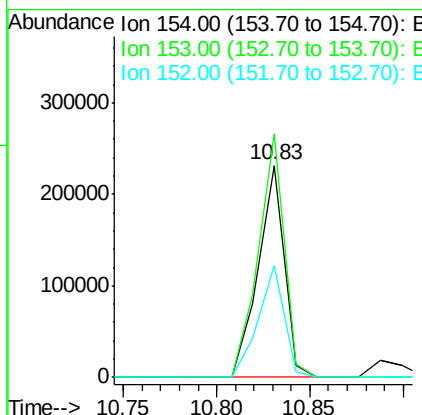
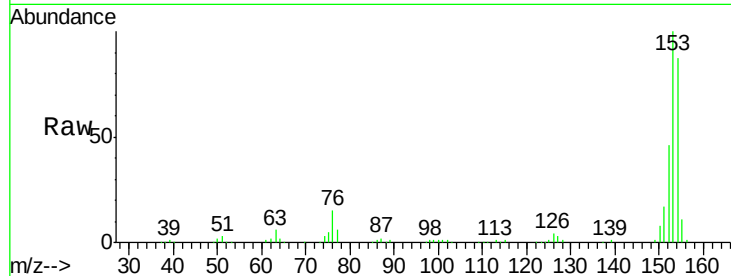




#51
Acenaphthene
Concen: 39.15 ng
RT: 10.83 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

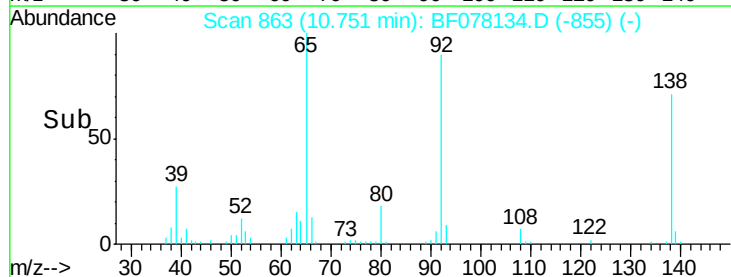
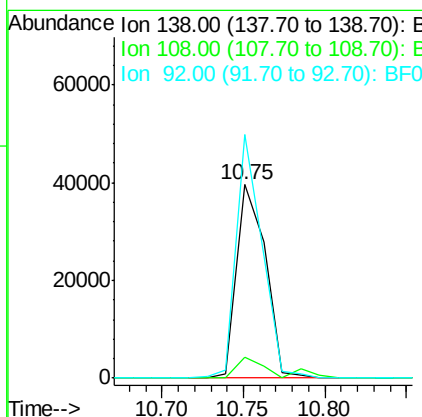
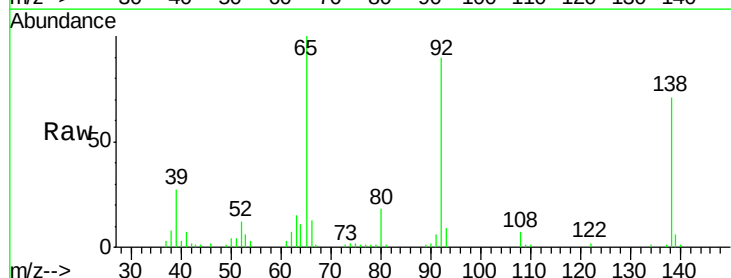
Instrument :
BNA_F
ClientSampleId :
PB82420BS

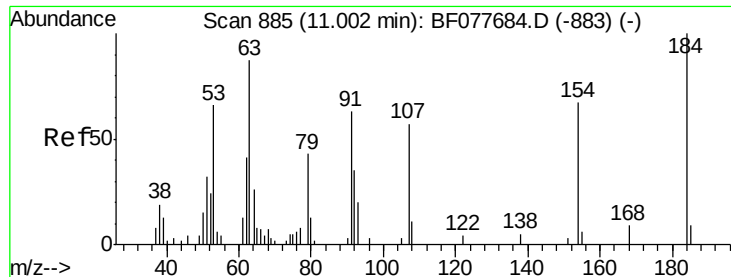
Tgt Ion:154 Resp: 222876
Ion Ratio Lower Upper
154 100
153 114.9 90.0 135.0
152 53.0 42.6 63.8



#52
3-Nitroaniline
Concen: 29.19 ng
RT: 10.75 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:138 Resp: 47909
Ion Ratio Lower Upper
138 100
108 10.5 7.3 10.9
92 125.8 76.6 114.8#

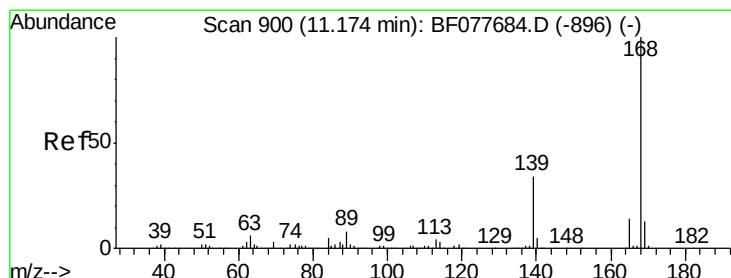
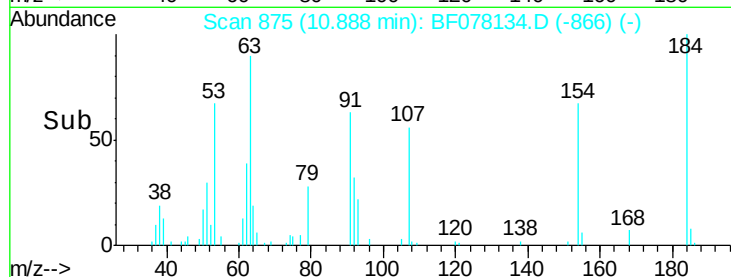
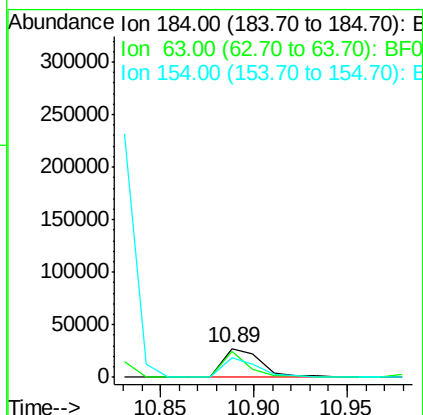
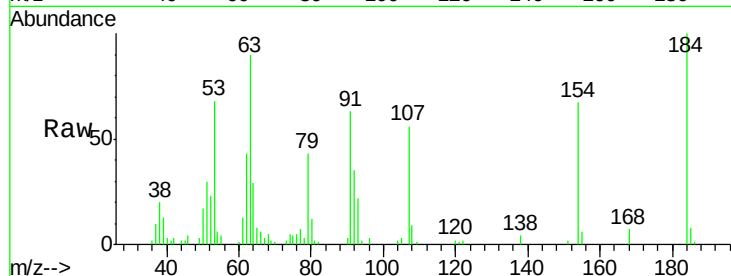




#53
 2,4-Dinitrophenol
 Concen: 76.45 ng
 RT: 10.89 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

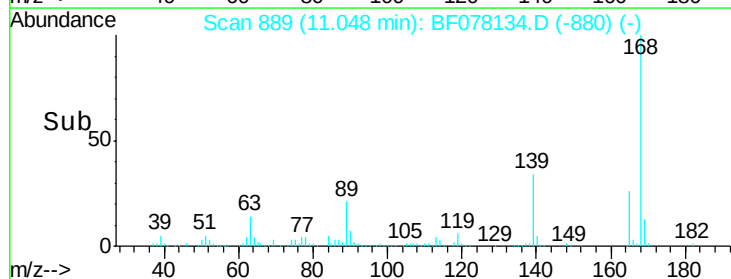
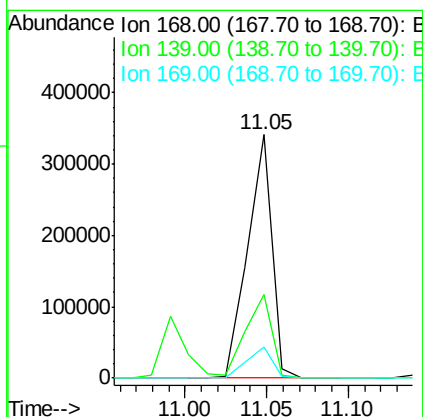
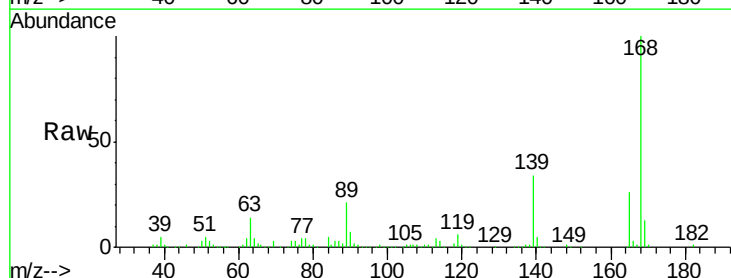
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

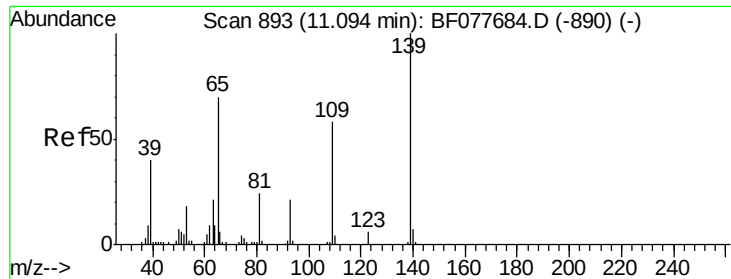
Tgt Ion:184 Resp: 39477
 Ion Ratio Lower Upper
 184 100
 63 89.9 69.2 103.8
 154 66.5 53.3 79.9



#54
 Dibenzofuran
 Concen: 41.57 ng
 RT: 11.05 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:168 Resp: 350977
 Ion Ratio Lower Upper
 168 100
 139 34.3 27.3 40.9
 169 12.6 10.6 16.0

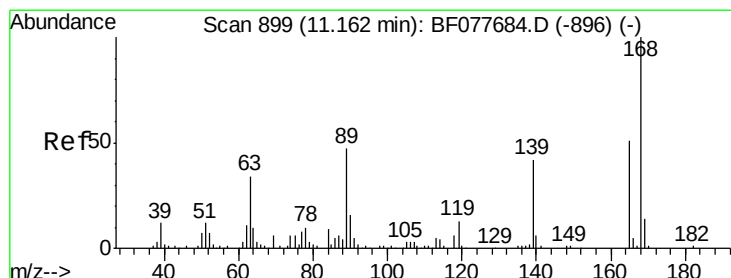
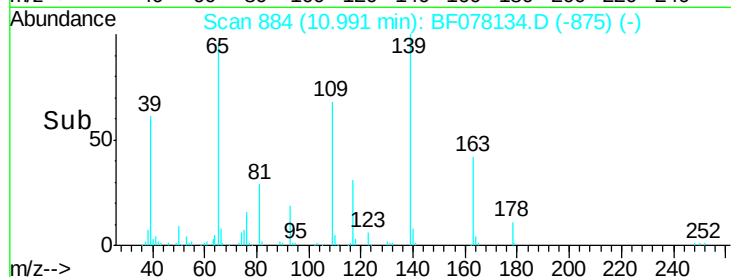
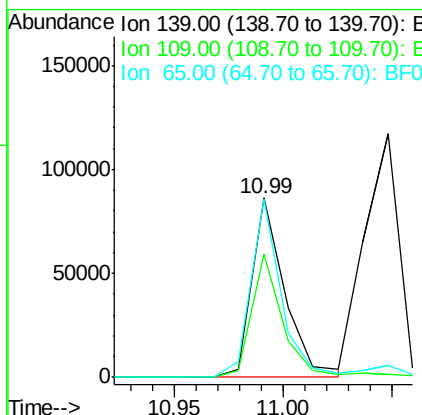
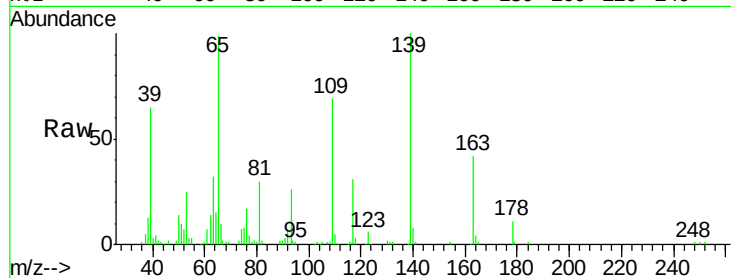




#55
4-Nitrophenol
Concen: 75.01 ng
RT: 10.99 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

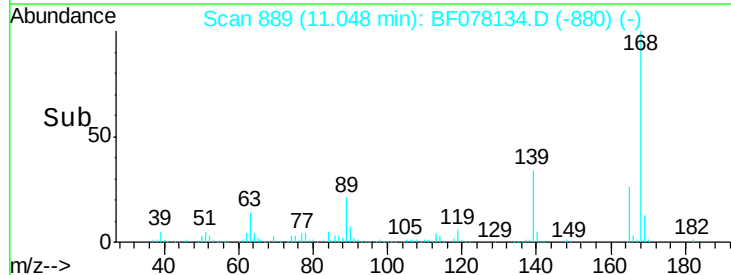
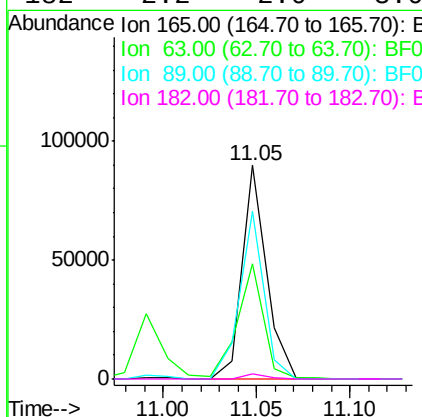
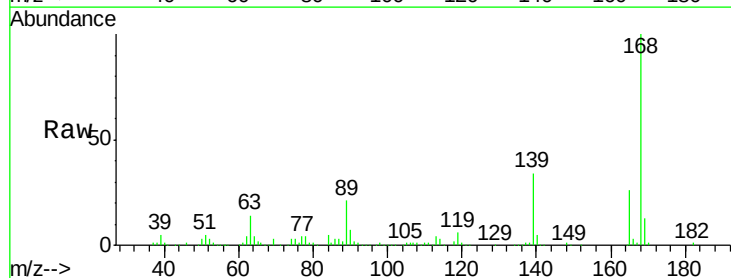
Instrument :
BNA_F
ClientSampleId :
PB82420BS

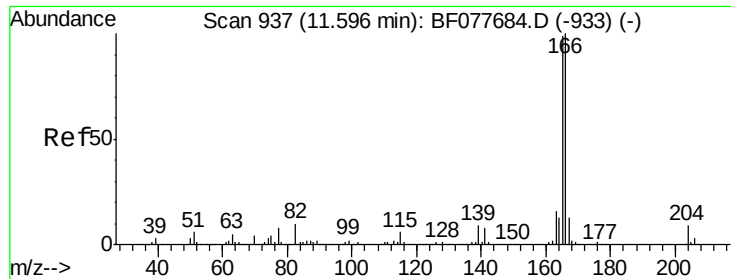
Tgt Ion:139 Resp: 91184
Ion Ratio Lower Upper
139 100
109 68.8 37.7 77.7
65 99.1 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 44.41 ng
RT: 11.05 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:165 Resp: 81826
Ion Ratio Lower Upper
165 100
63 54.1 52.4 78.6
89 78.4 72.4 108.6
182 2.2 2.0 3.0

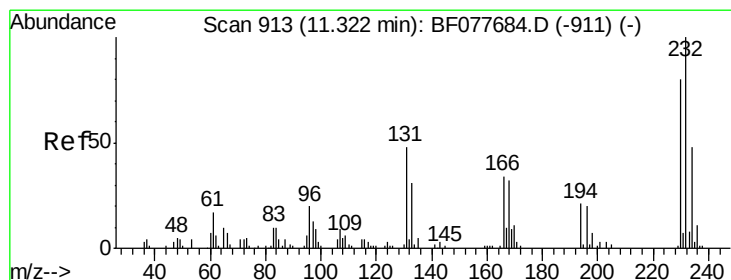
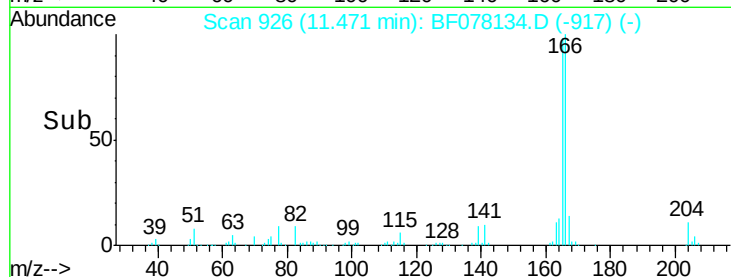
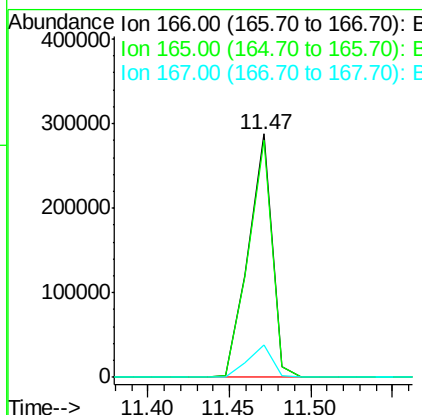
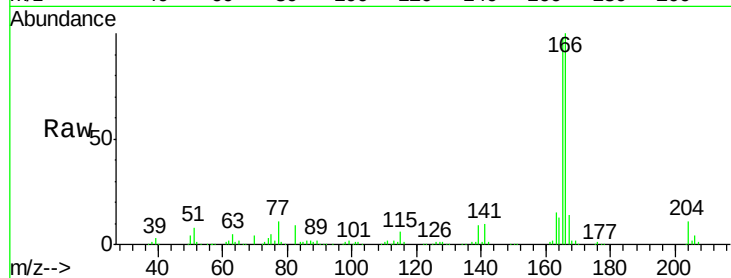




#57
 Fluorene
 Concen: 41.28 ng
 RT: 11.47 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

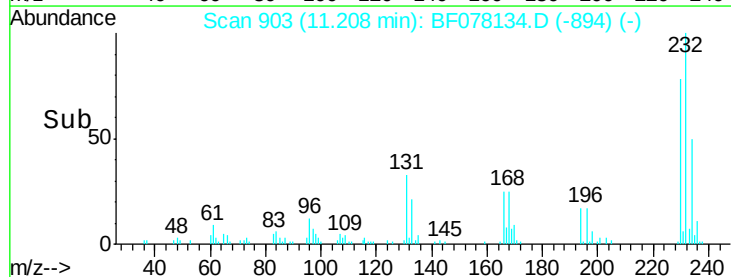
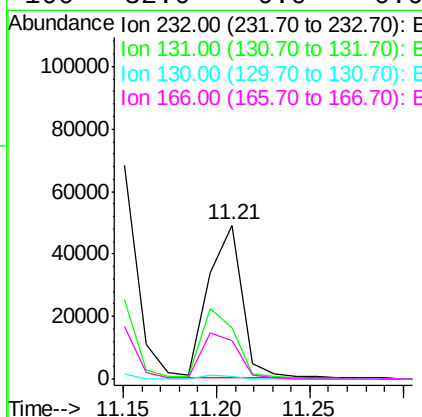
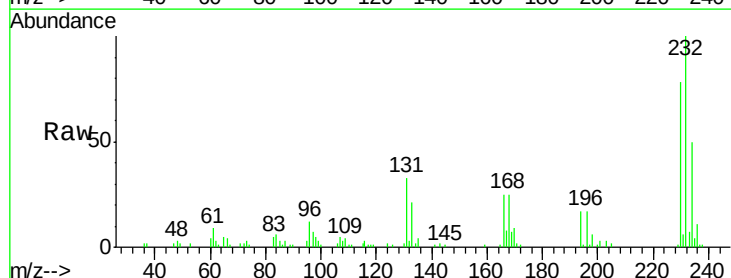
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

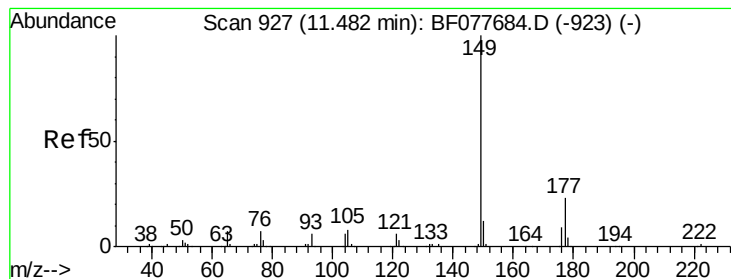
Tgt Ion:166 Resp: 289424
 Ion Ratio Lower Upper
 166 100
 165 97.6 79.0 118.4
 167 13.5 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.52 ng
 RT: 11.21 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:232 Resp: 60841
 Ion Ratio Lower Upper
 232 100
 131 48.3 0.0 0.0#
 130 2.2 0.0 0.0#
 166 32.0 0.0 0.0#





#59

Diethylphthalate

Concen: 41.95 ng

RT: 11.36 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

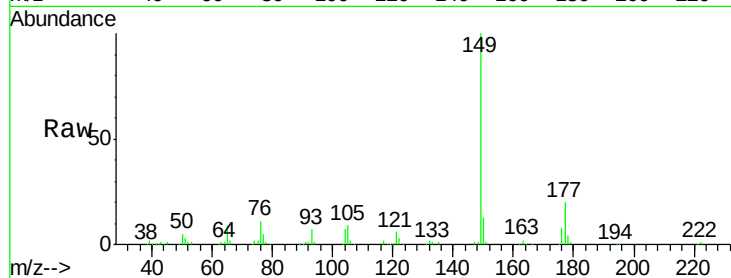
Tgt Ion:149 Resp: 278637

Ion Ratio Lower Upper

149 100

177 20.4 18.3 27.5

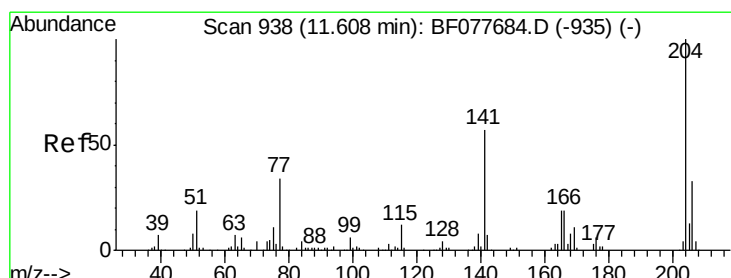
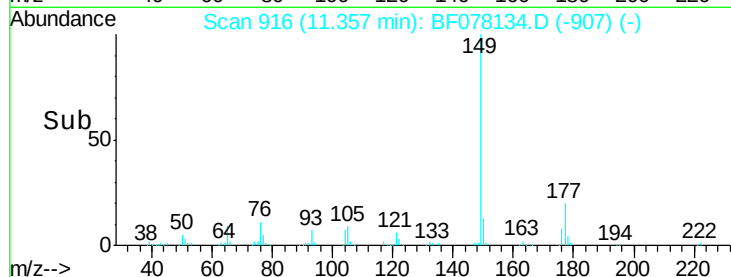
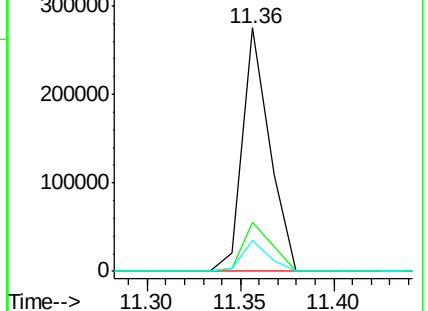
150 12.7 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.27 ng

RT: 11.48 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

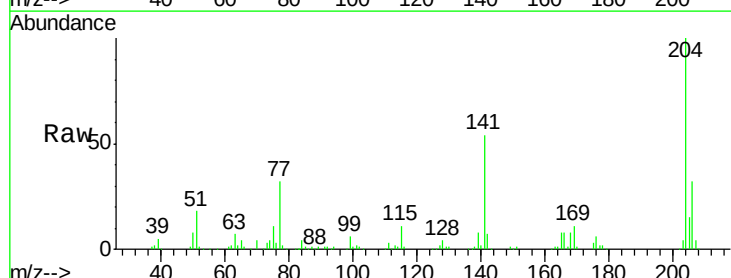
Tgt Ion:204 Resp: 132055

Ion Ratio Lower Upper

204 100

206 32.4 26.6 39.8

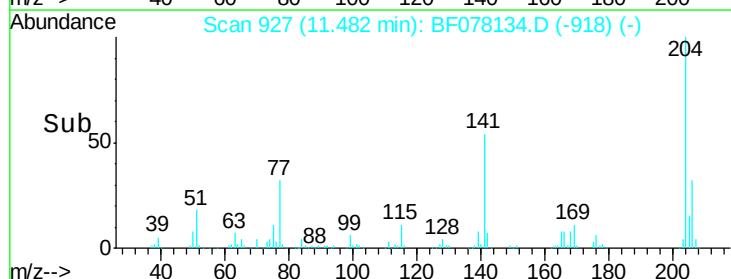
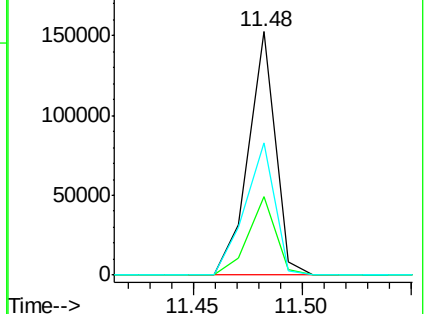
141 54.5 45.2 67.8

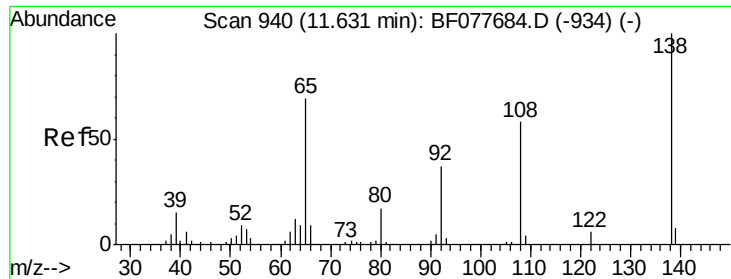


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

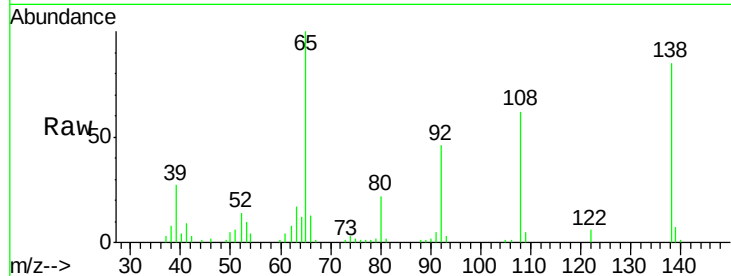




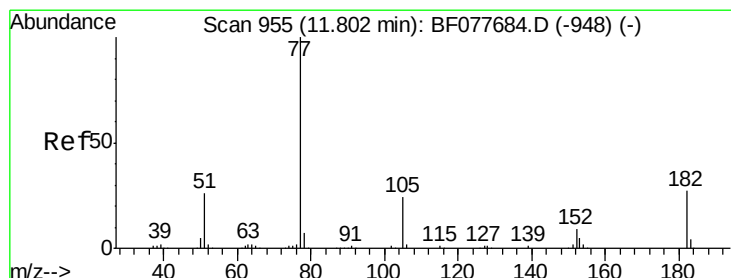
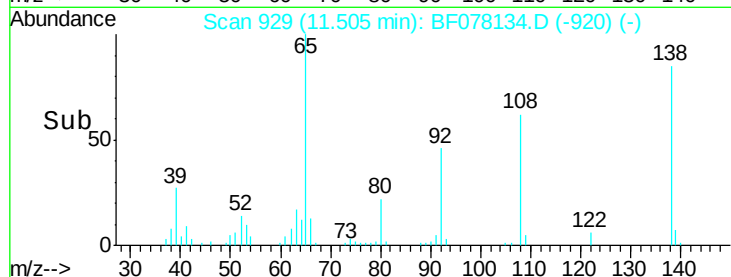
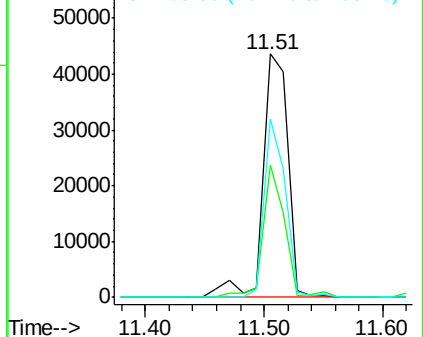
#61
4-Nitroaniline
Concen: 39.15 ng
RT: 11.51 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tgt Ion: 138 Resp: 64033
Ion Ratio Lower Upper
138 100
92 54.5 16.7 56.7
108 73.3 37.6 77.6

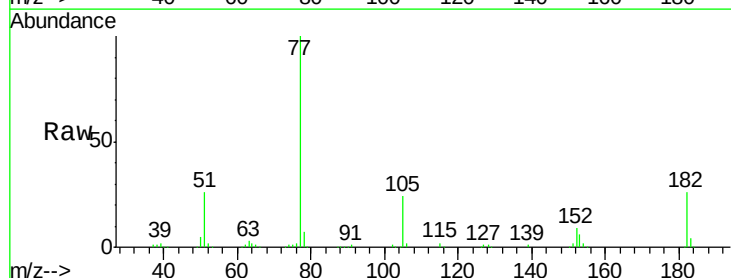


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

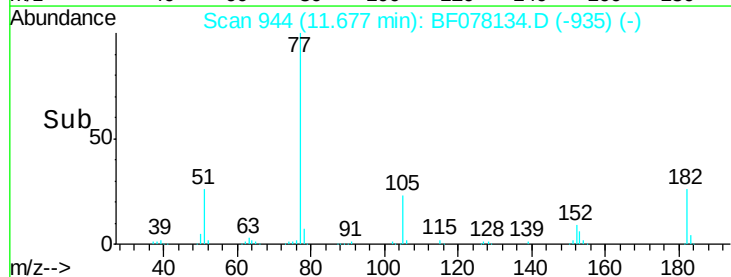
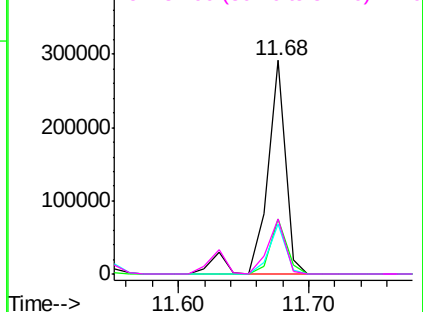


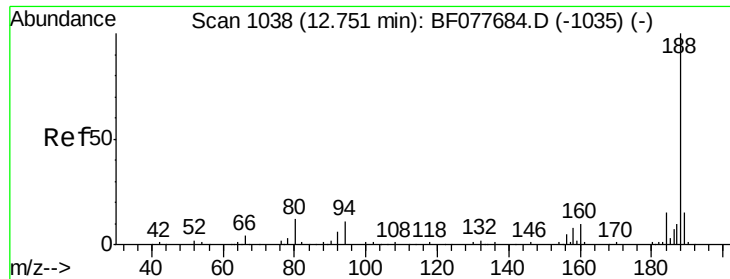
#62
Azobenzene
Concen: 46.71 ng
RT: 11.68 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion: 77 Resp: 296483
Ion Ratio Lower Upper
77 100
182 25.7 6.5 46.5
105 23.6 3.8 43.8
51 25.8 5.5 45.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

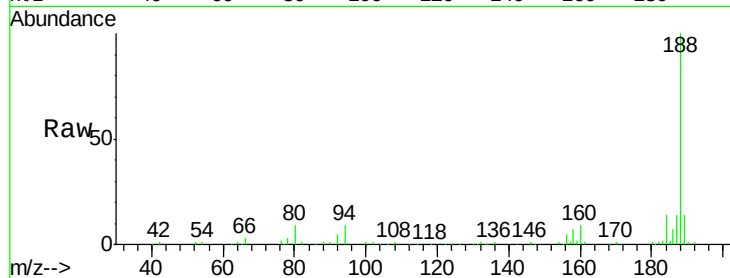




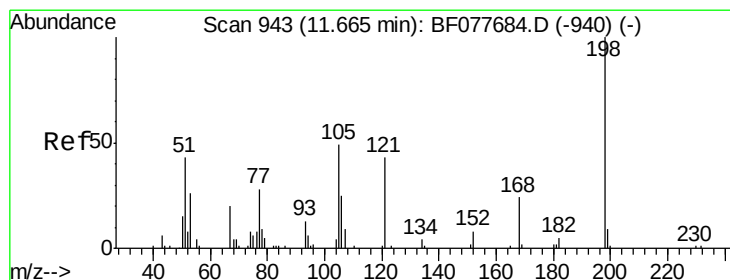
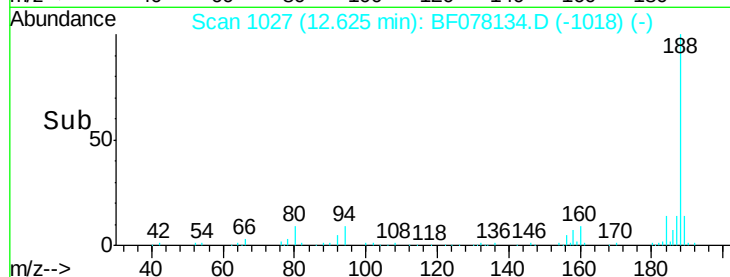
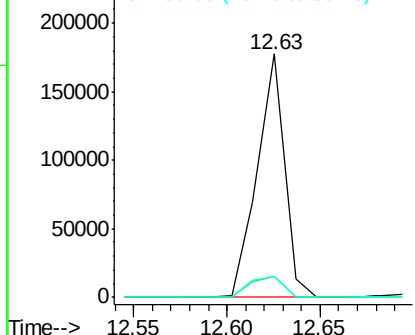
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tgt Ion:188 Resp: 179086
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.7 13.1
 80 8.5 9.3 13.9#

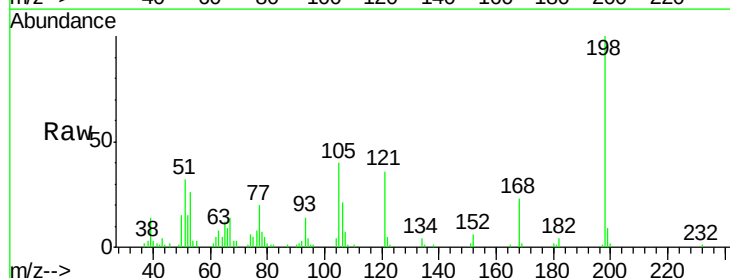


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

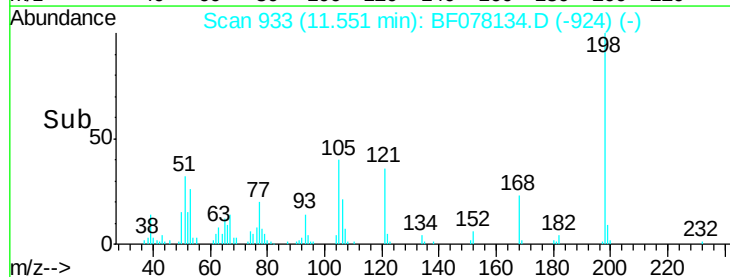
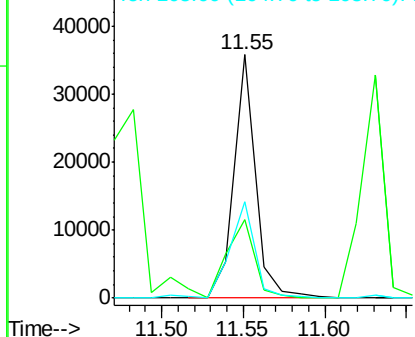


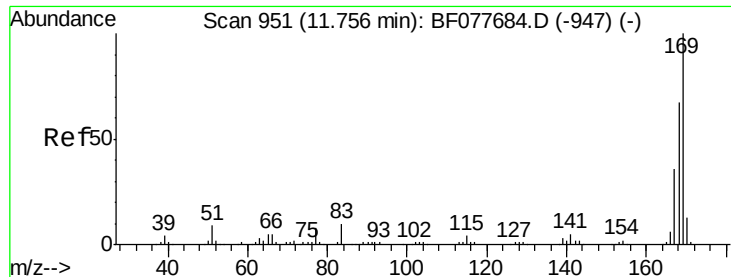
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.63 ng
 RT: 11.55 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:198 Resp: 32809
 Ion Ratio Lower Upper
 198 100
 51 32.2 28.8 68.8
 105 39.9 30.5 70.5



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

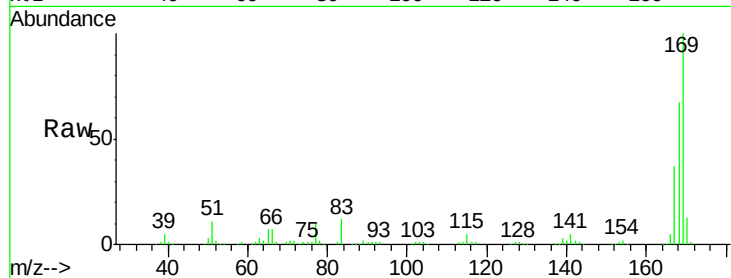




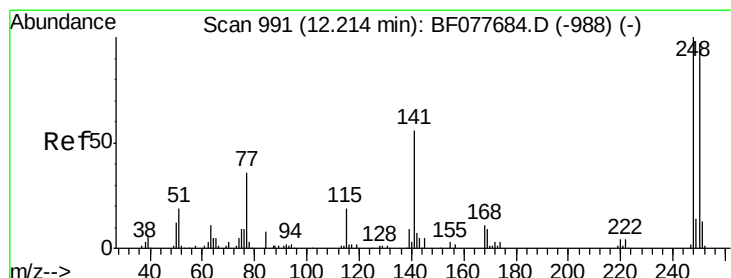
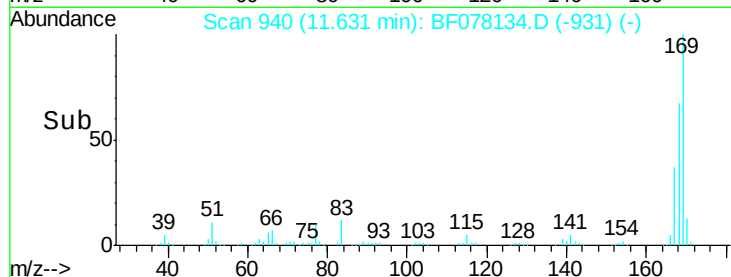
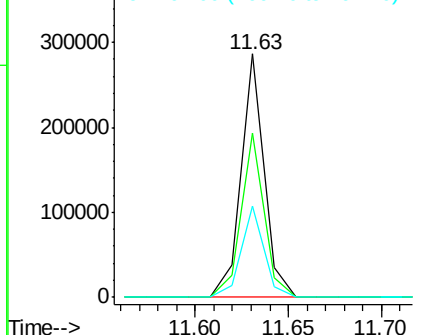
#65
 n-Nitrosodiphenylamine
 Concen: 41.46 ng
 RT: 11.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tgt Ion:169 Resp: 247236
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.9 80.9
 167 37.3 28.9 43.3

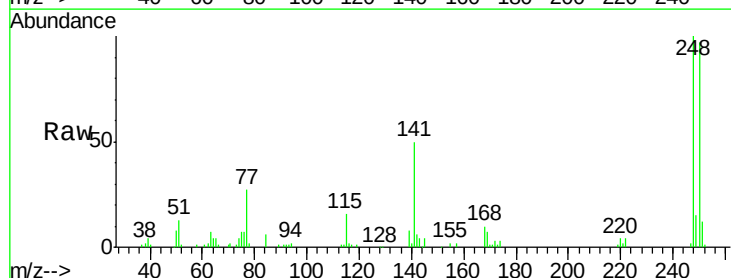


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

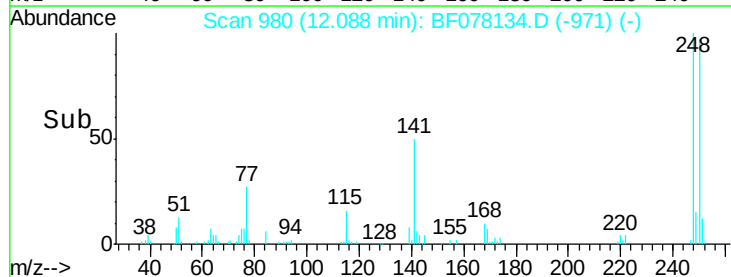
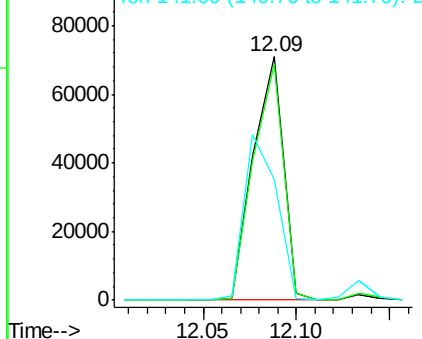


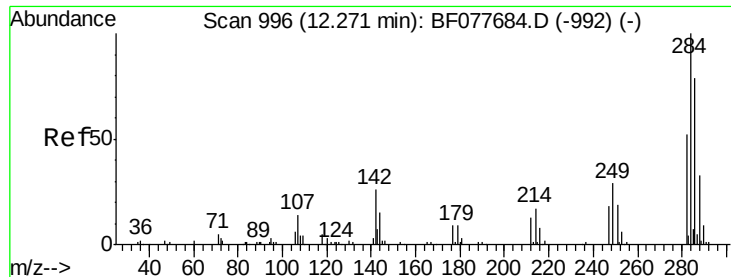
#66
 4-Bromophenyl-phenylether
 Concen: 41.34 ng
 RT: 12.09 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:248 Resp: 79002
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.4 116.0
 141 49.8 45.2 67.8



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

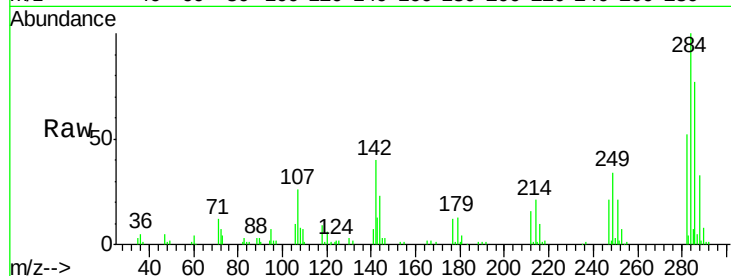




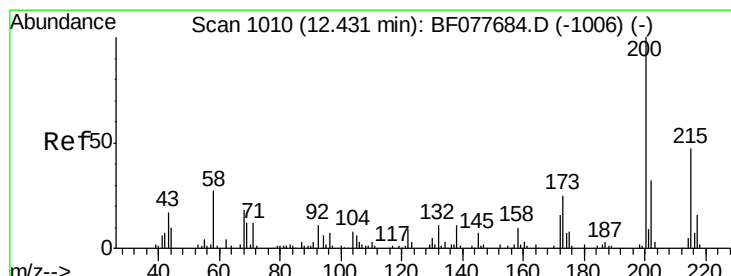
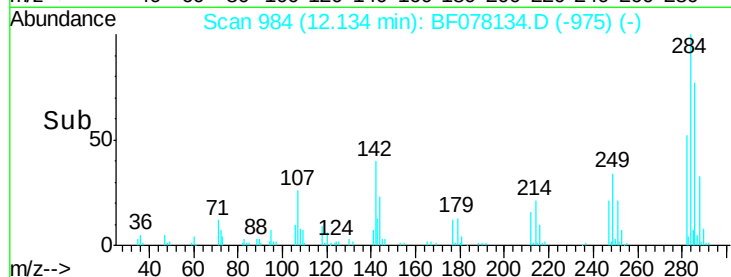
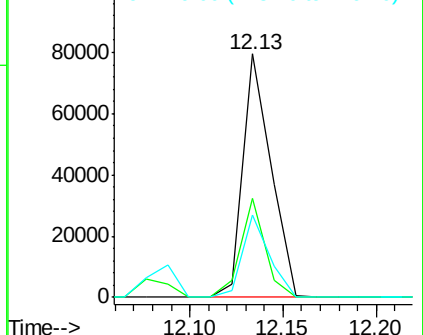
#67
Hexachlorobenzene
Concen: 39.72 ng
RT: 12.13 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tgt Ion:284 Resp: 83406
Ion Ratio Lower Upper
284 100
142 40.5 20.4 30.6#
249 34.0 23.8 35.6

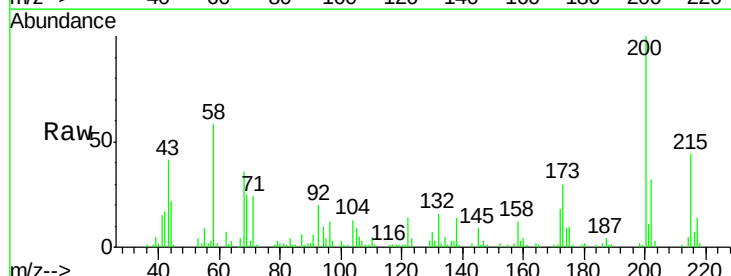


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

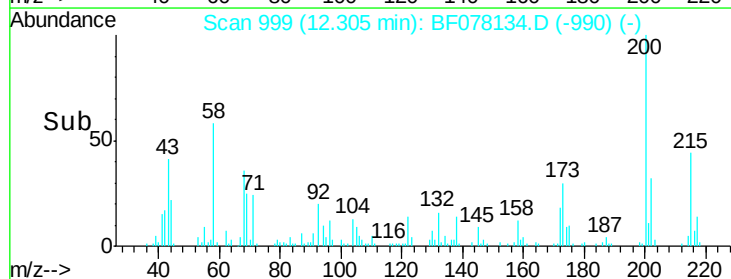
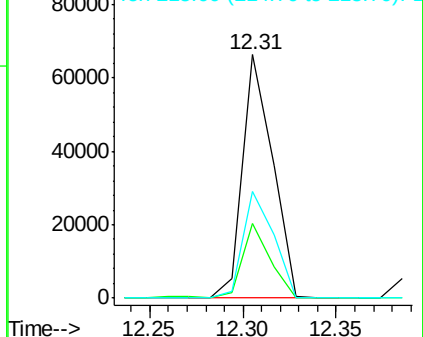


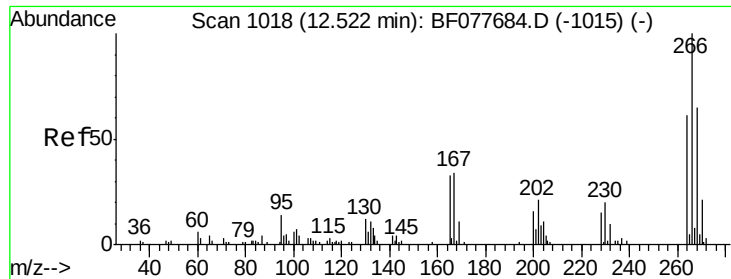
#68
Atrazine
Concen: 44.48 ng
RT: 12.31 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:200 Resp: 74329
Ion Ratio Lower Upper
200 100
173 30.4 4.8 44.8
215 43.8 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

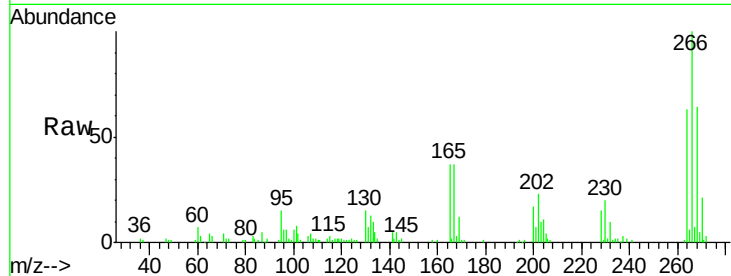




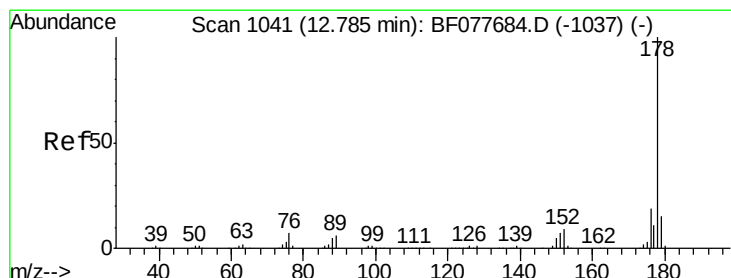
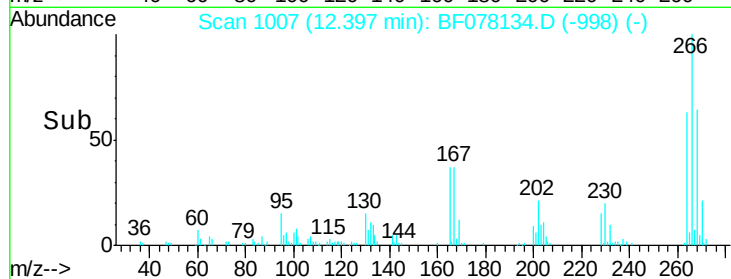
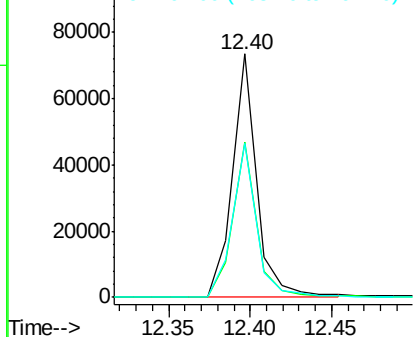
#69
 Pentachlorophenol
 Concen: 69.07 ng
 RT: 12.40 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tgt Ion: 266 Resp: 75487
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.0 78.0
 264 63.2 49.0 73.4

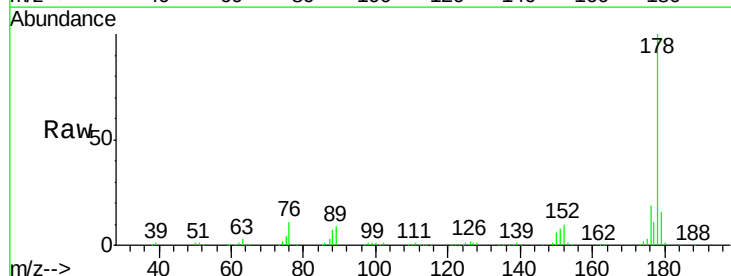


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

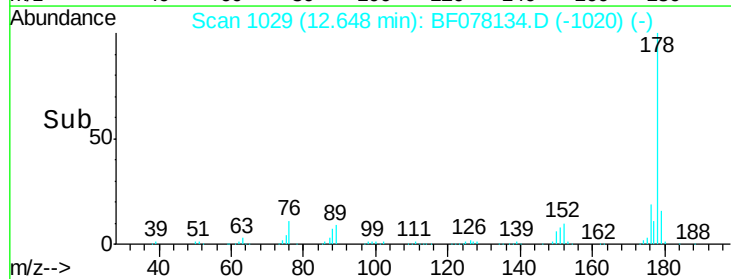
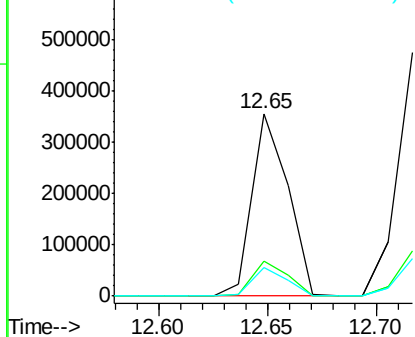


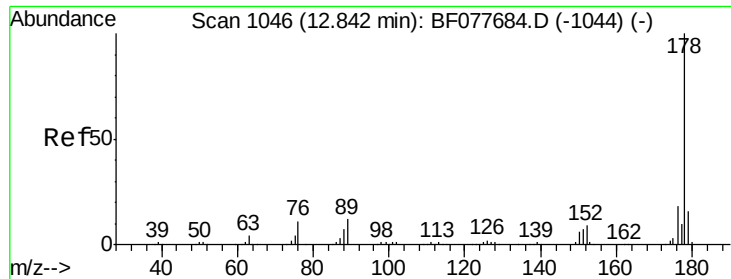
#70
 Phenanthrene
 Concen: 39.81 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion: 178 Resp: 409227
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.7 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

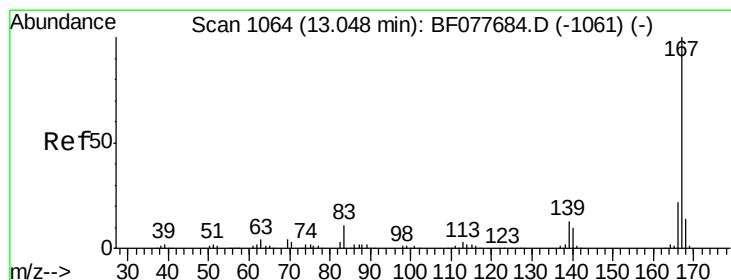
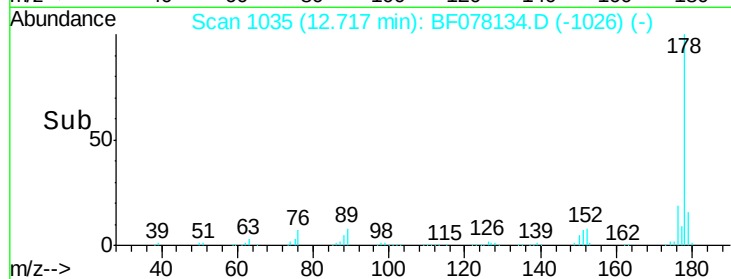
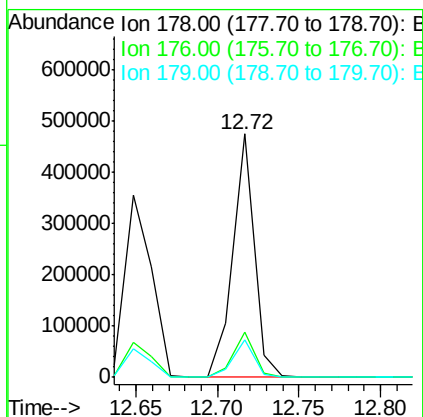
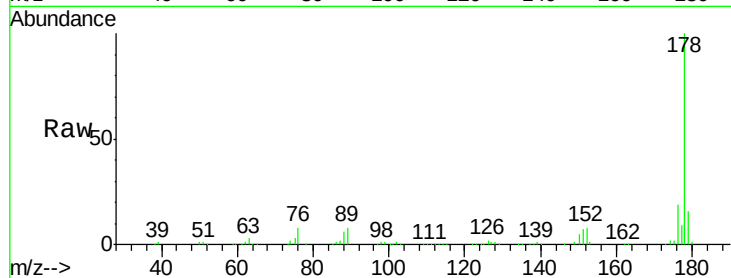




#71
 Anthracene
 Concen: 42.30 ng
 RT: 12.72 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

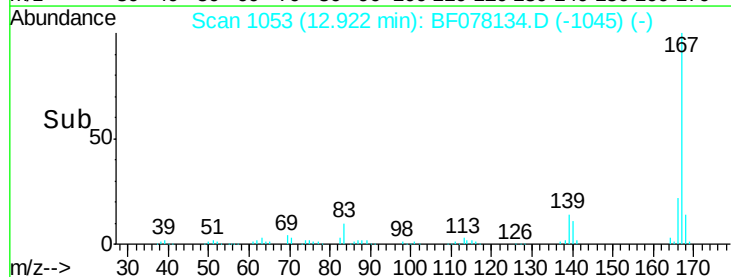
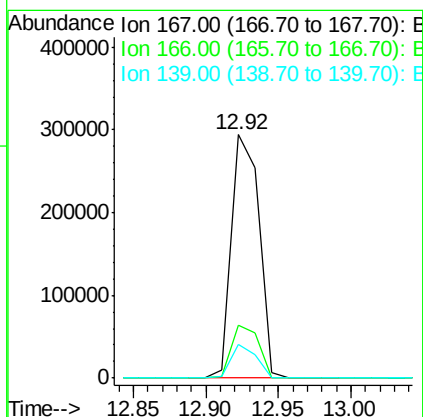
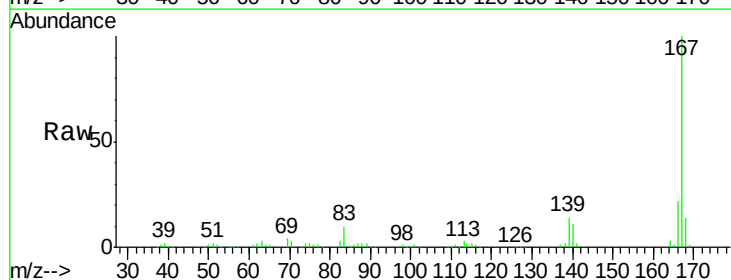
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

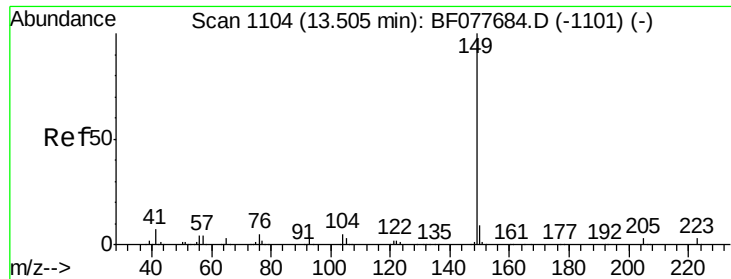
Tgt Ion:178 Resp: 429667
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 40.21 ng
 RT: 12.92 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:167 Resp: 388477
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.6 10.8 16.2

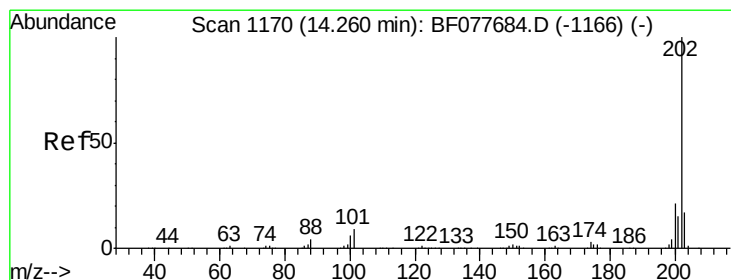
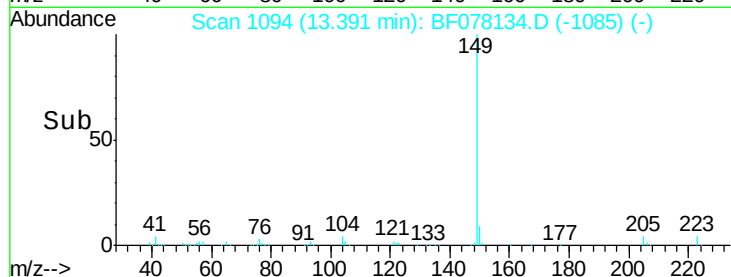
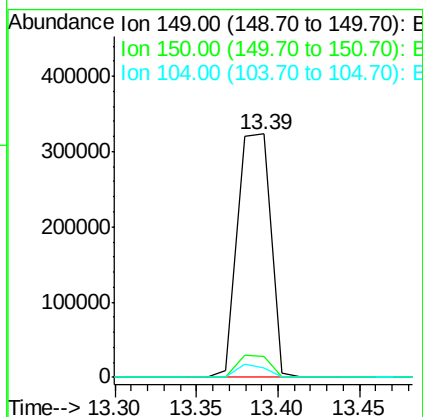
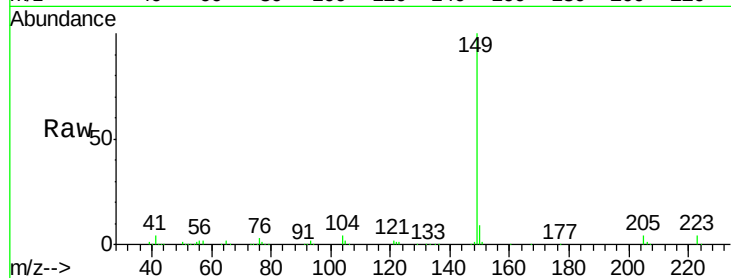




#73
Di-n-butylphthalate
Concen: 41.67 ng
RT: 13.39 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

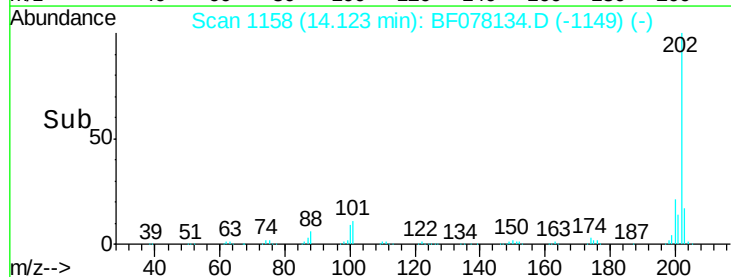
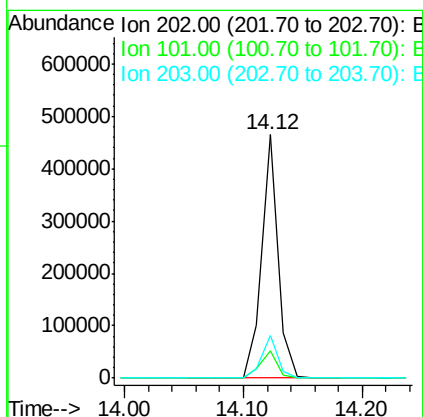
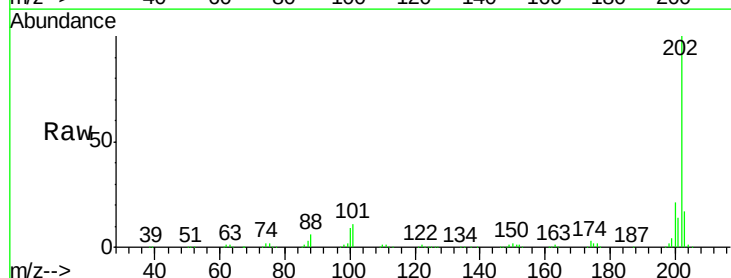
Instrument :
BNA_F
ClientSampleId :
PB82420BS

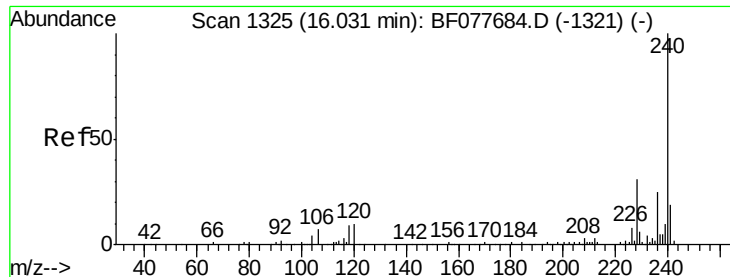
Tgt Ion:149 Resp: 451424
Ion Ratio Lower Upper
149 100
150 8.7 7.5 11.3
104 3.9 3.7 5.5



#74
Fluoranthene
Concen: 39.75 ng
RT: 14.12 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:202 Resp: 450716
Ion Ratio Lower Upper
202 100
101 11.4 0.0 28.7
203 17.5 0.0 37.2

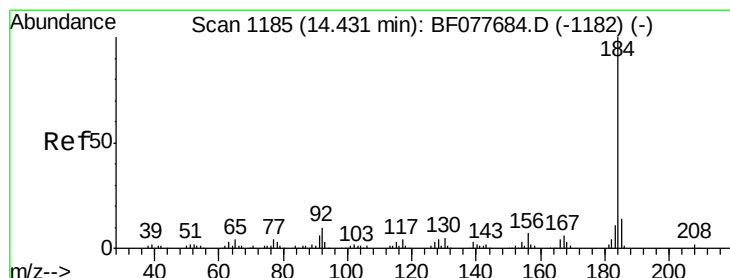
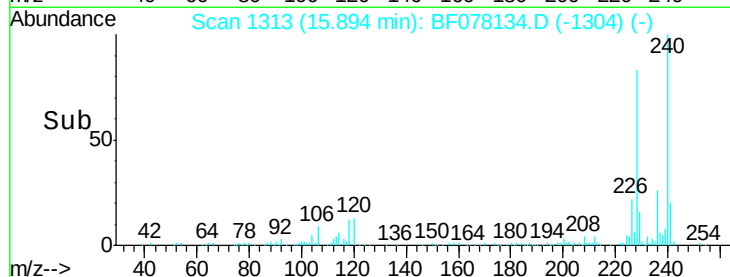
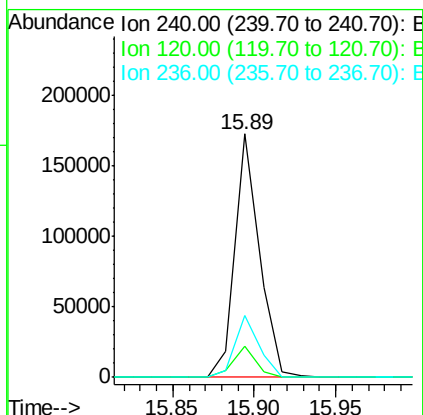
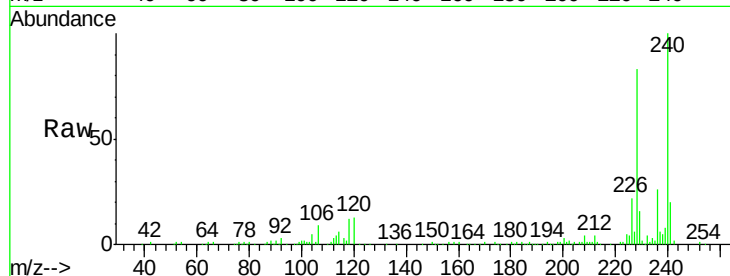




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.89 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

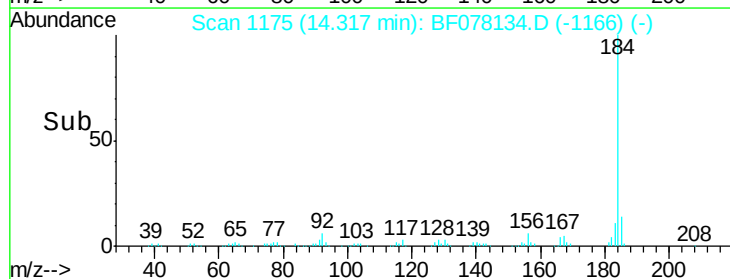
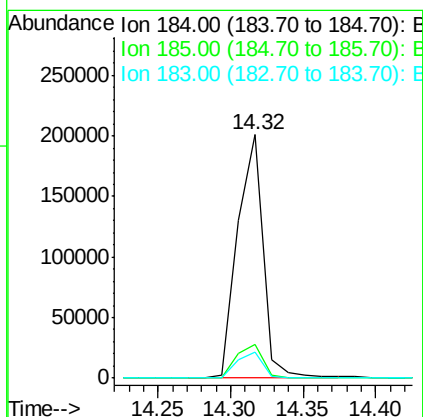
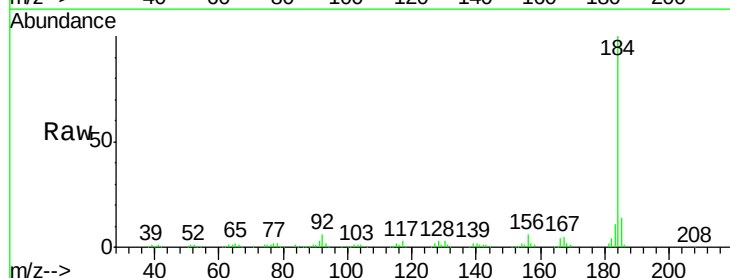
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

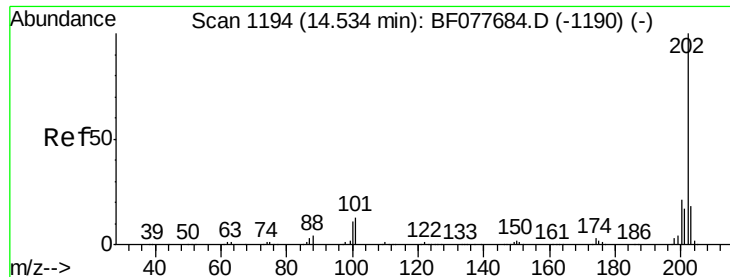
Tgt Ion:240 Resp: 178186
 Ion Ratio Lower Upper
 240 100
 120 13.0 8.2 12.2#
 236 25.5 20.0 30.0



#76
 Benzidine
 Concen: 55.88 ng
 RT: 14.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:184 Resp: 245438
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.3 16.9
 183 10.9 8.9 13.3

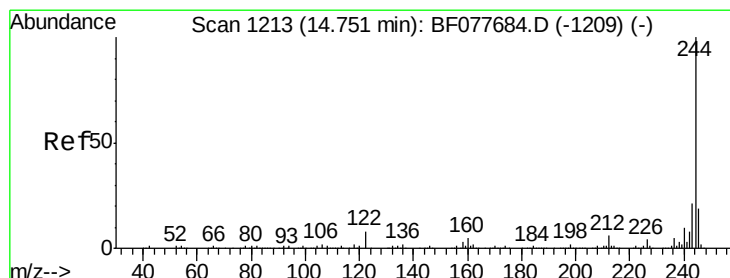
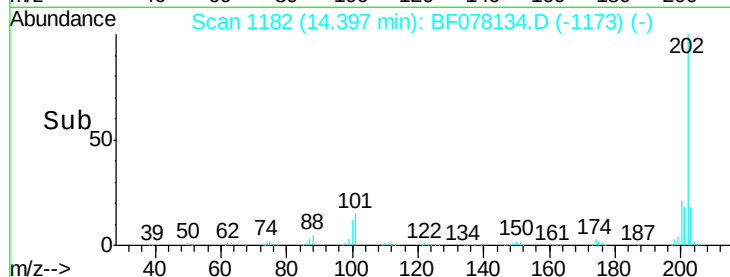
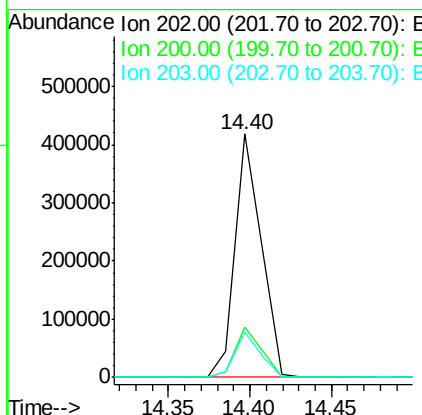
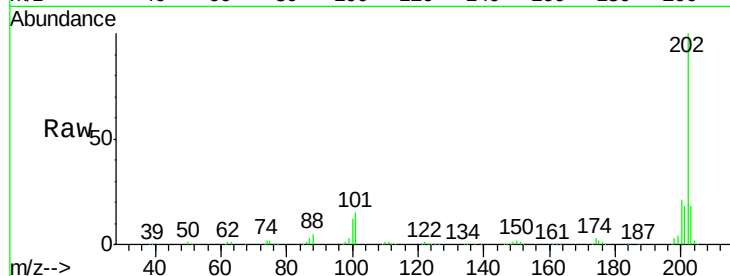




#77
 Pyrene
 Concen: 41.23 ng
 RT: 14.40 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

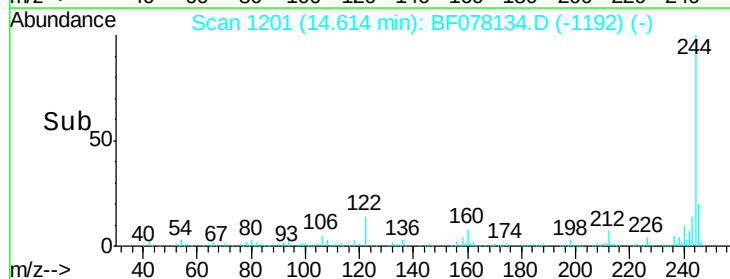
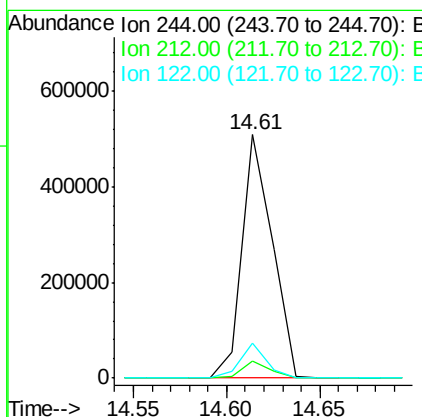
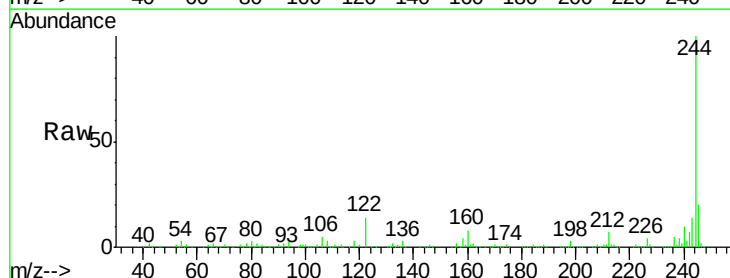
Instrument :
 BNA_F
 ClientSampled :
 PB82420BS

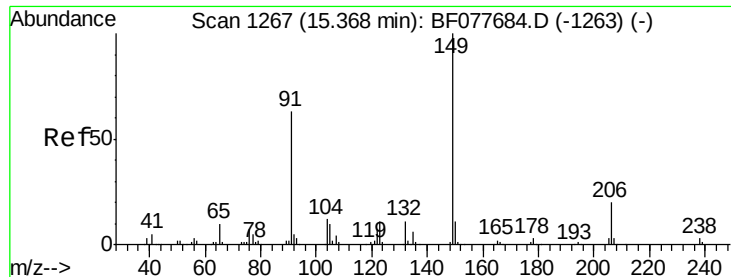
Tgt Ion: 202 Resp: 462008
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.9 25.3
 203 18.5 14.1 21.1



#78
 Terphenyl-d14
 Concen: 78.90 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion: 244 Resp: 575573
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 14.3 6.2 9.4#

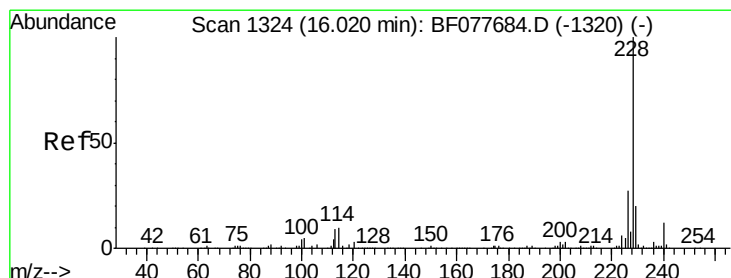
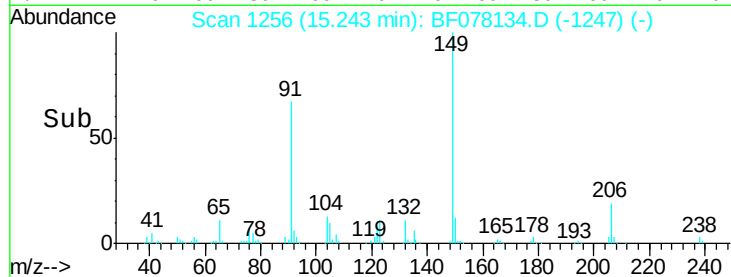
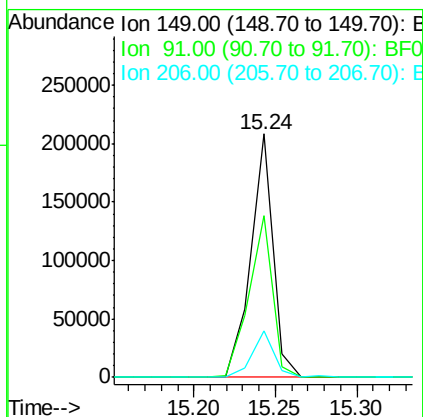
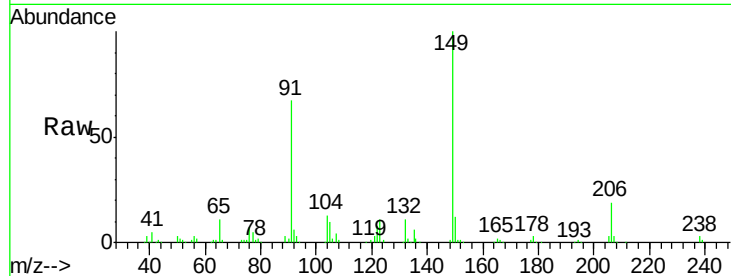




#79
Butylbenzylphthalate
Concen: 44.78 ng
RT: 15.24 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

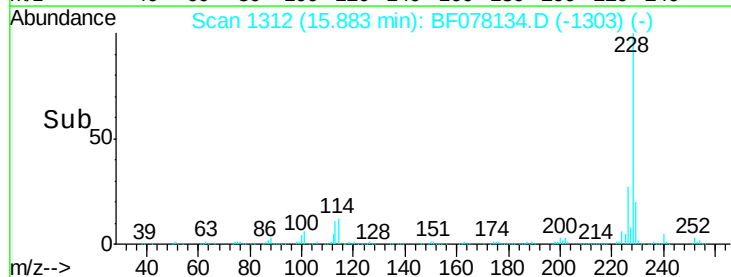
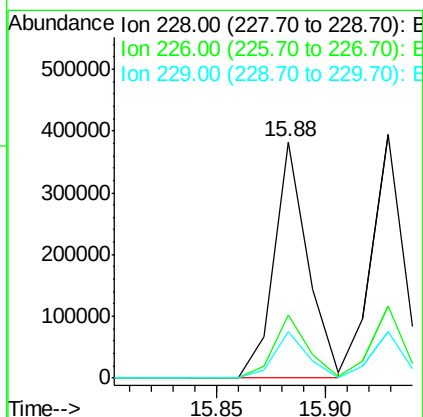
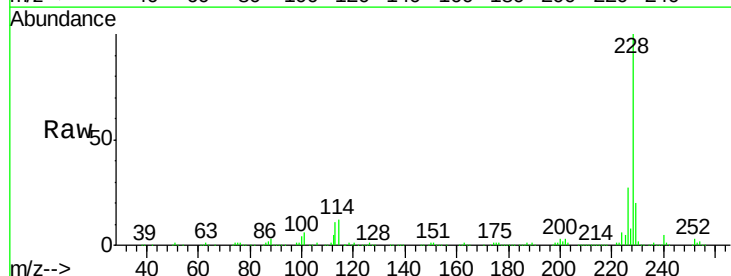
Instrument :
BNA_F
ClientSampleId :
PB82420BS

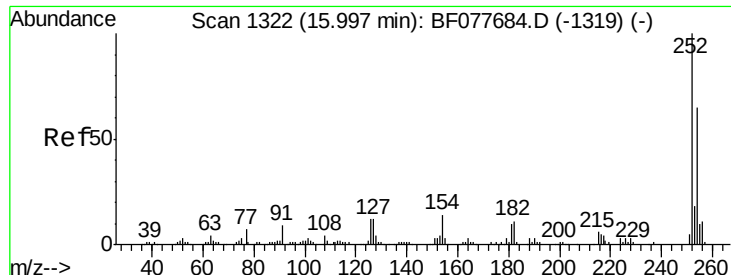
Tgt Ion:149 Resp: 197843
Ion Ratio Lower Upper
149 100
91 66.6 50.1 75.1
206 19.1 16.2 24.2



#80
Benzo(a)anthracene
Concen: 39.10 ng
RT: 15.88 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:228 Resp: 412987
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.7 16.0 24.0

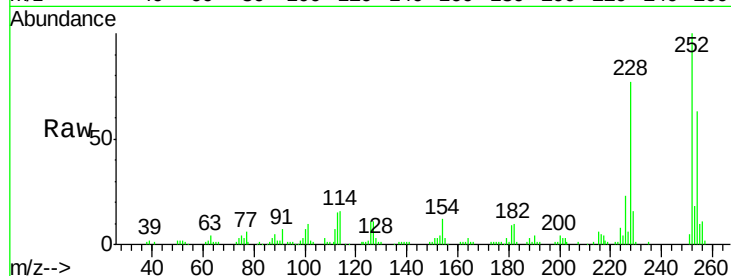




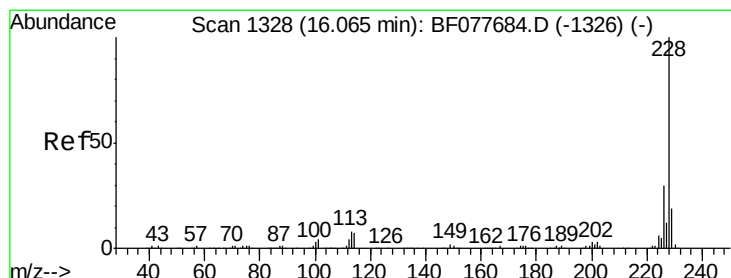
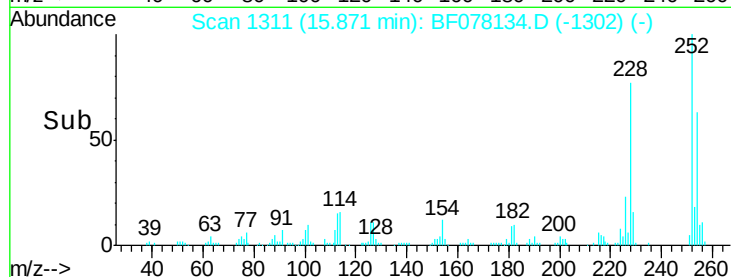
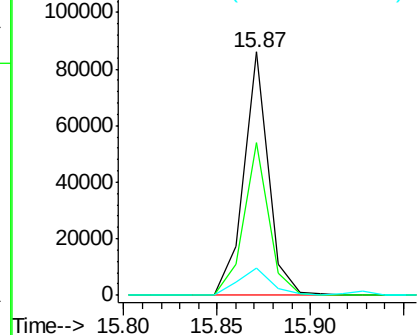
#81
 3,3'-Dichlorobenzidine
 Concen: 22.90 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tgt Ion: 252 Resp: 79785
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.9 77.9
 126 11.2 9.8 14.8

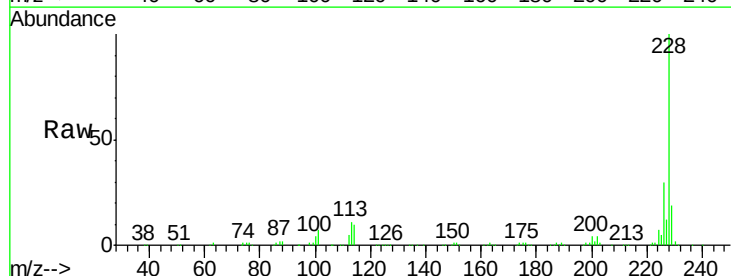


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

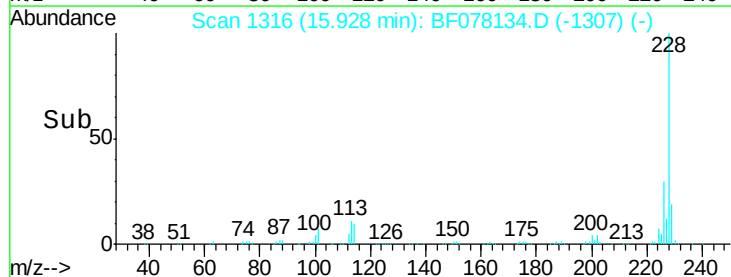
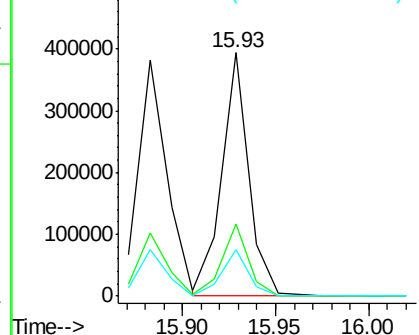


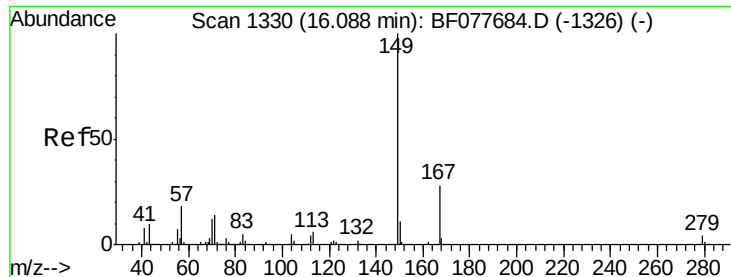
#82
 Chrysene
 Concen: 41.76 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion: 228 Resp: 396584
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.1 36.1
 229 19.1 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

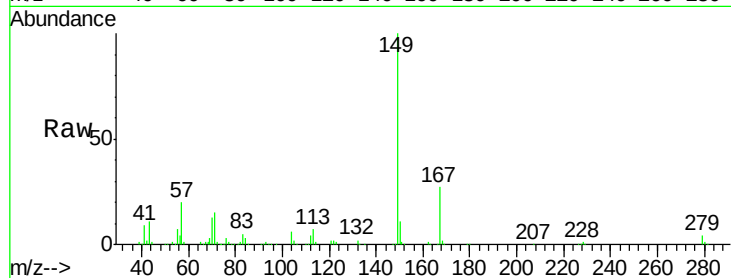




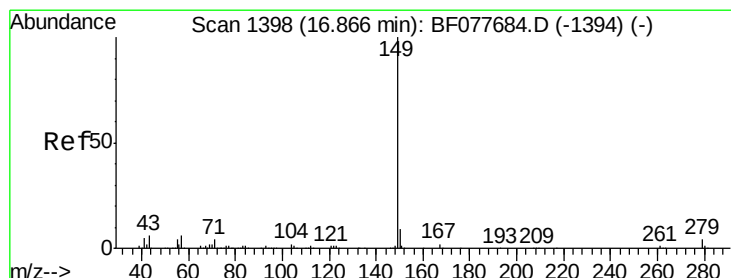
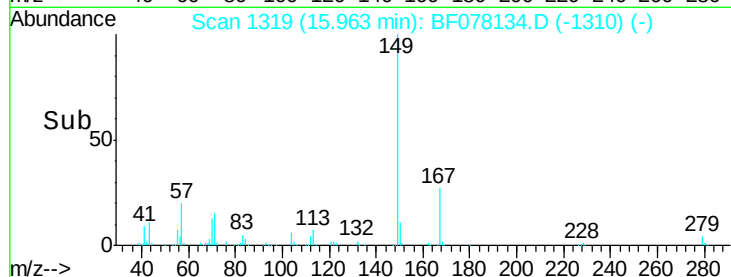
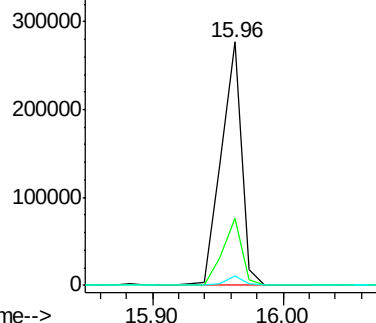
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.91 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tgt Ion:149 Resp: 300564
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.4 33.6
 279 3.8 3.4 5.0

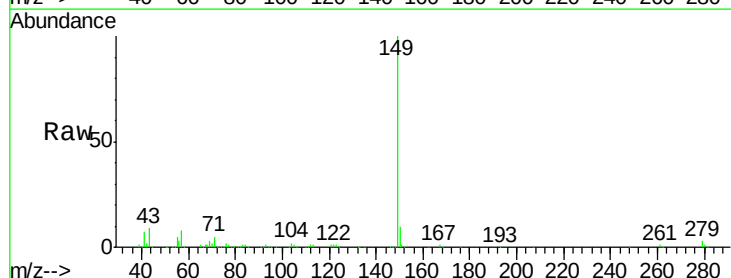


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

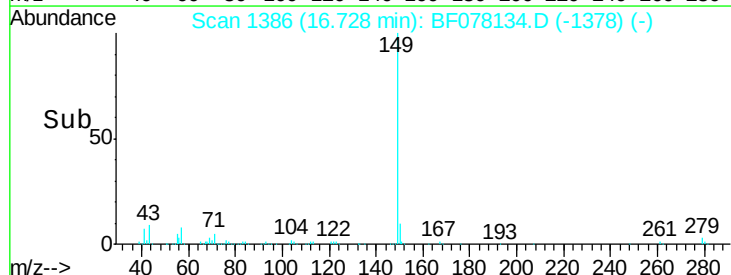
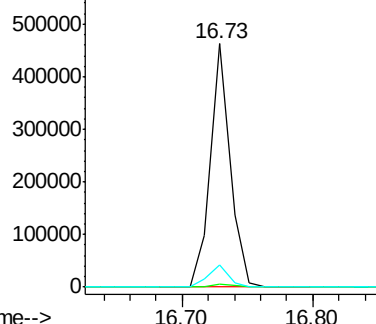


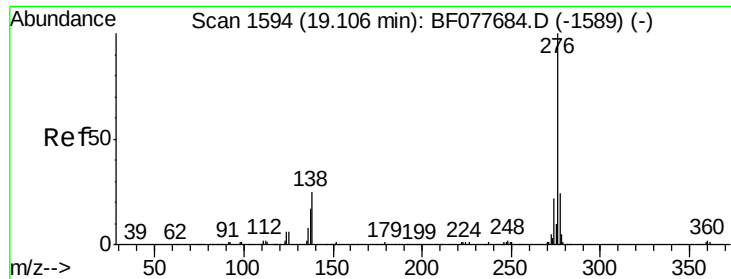
#84
 Di-n-octyl phthalate
 Concen: 42.55 ng
 RT: 16.73 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion:149 Resp: 486897
 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

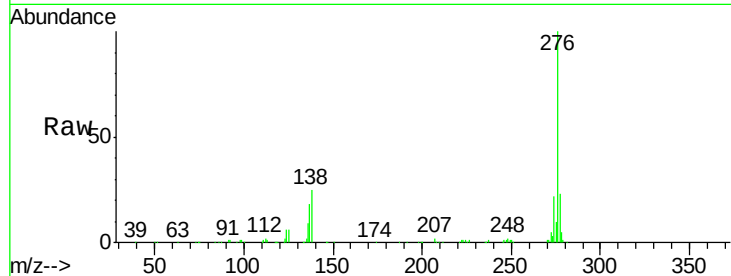




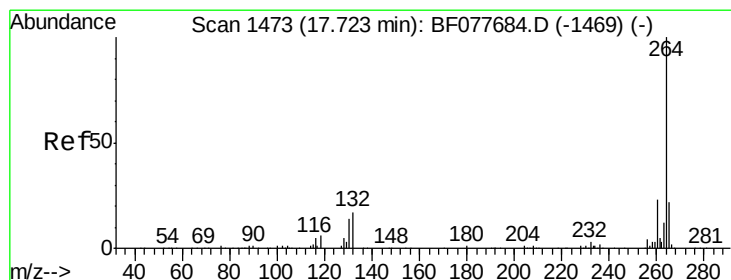
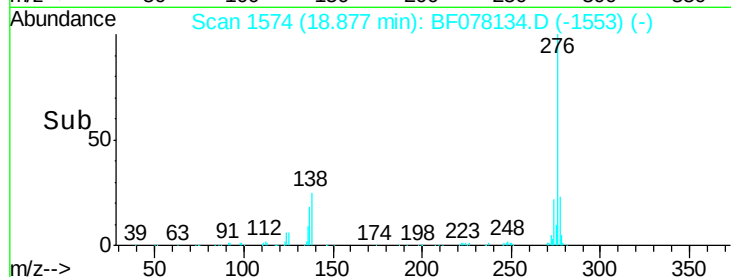
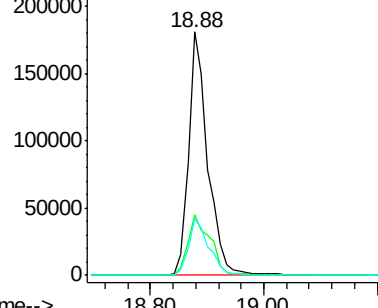
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.57 ng
 RT: 18.88 min Scan# 1574
 Delta R.T. -0.06 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tgt Ion: 276 Resp: 421662
 Ion Ratio Lower Upper
 276 100
 138 29.3 0.0 0.0#
 277 24.9 0.0 0.0#

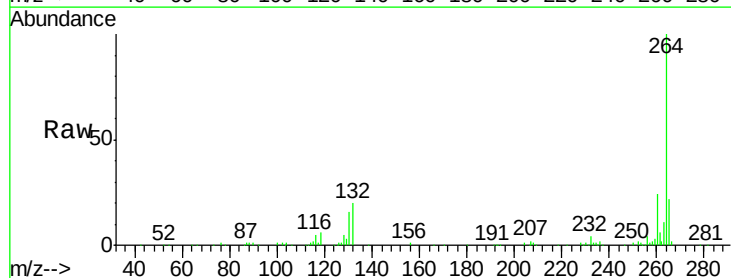


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

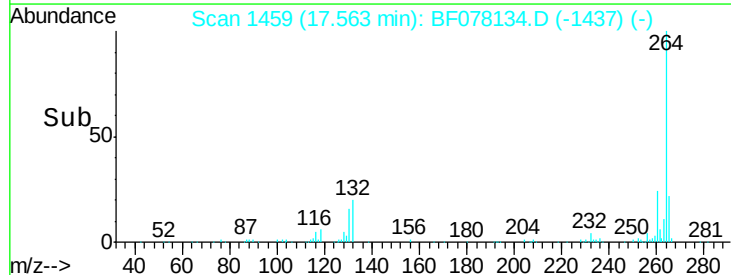
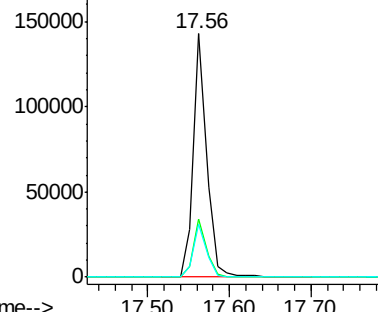


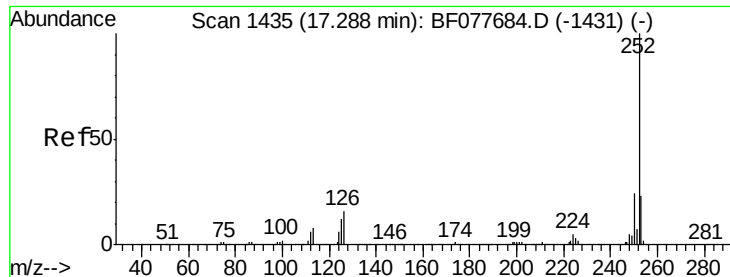
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. -0.05 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion: 264 Resp: 162474
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 21.6 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

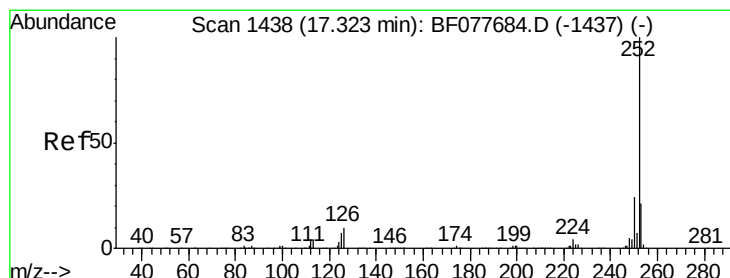
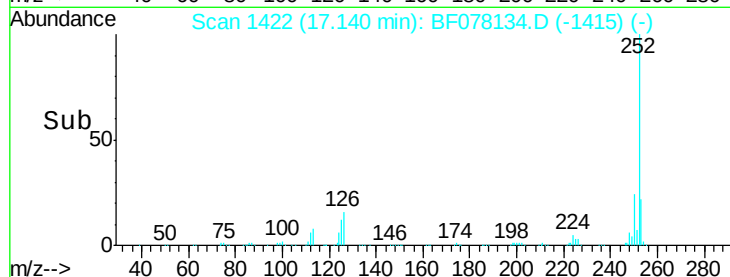
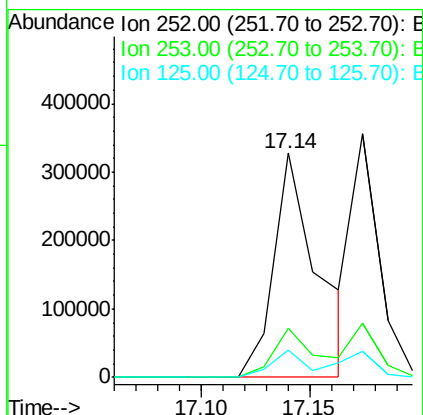
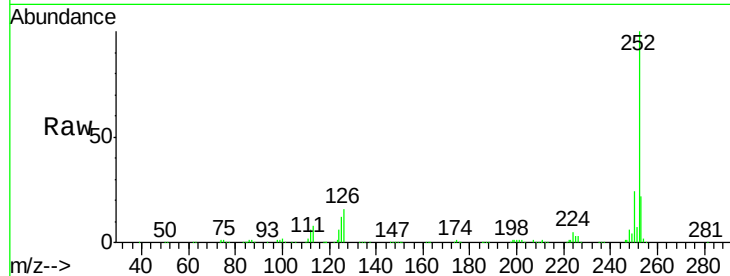




#87
Benzo(b)fluoranthene
Concen: 43.67 ng
RT: 17.14 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

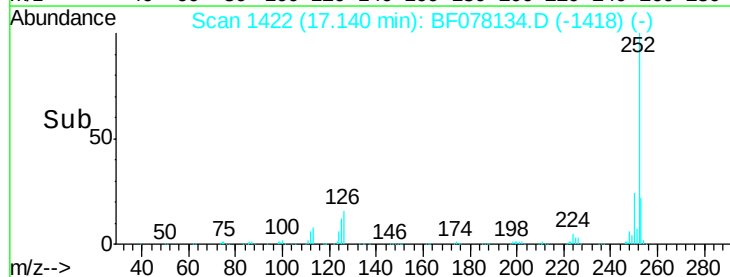
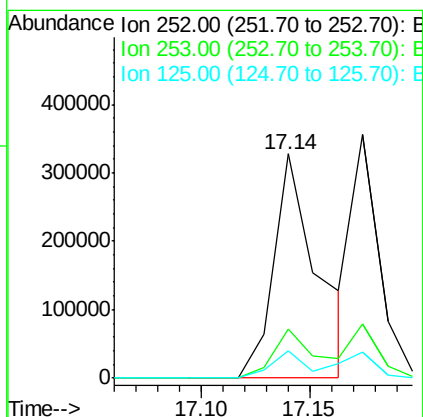
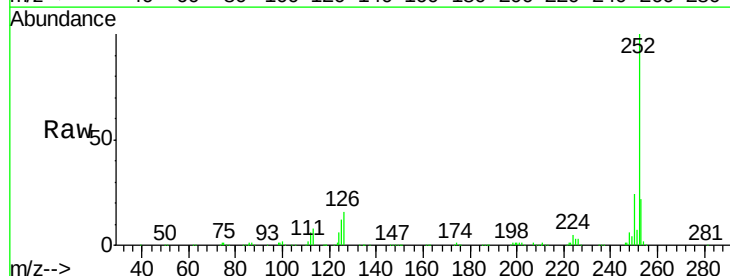
Instrument :
BNA_F
ClientSampleId :
PB82420BS

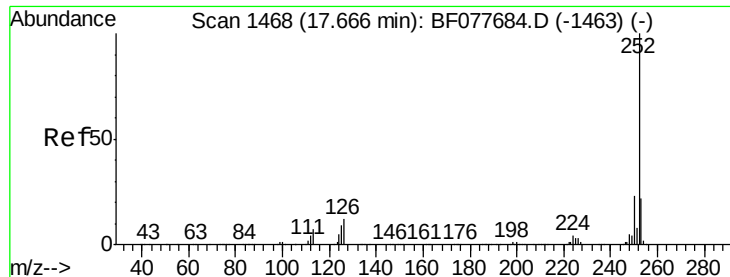
Tgt Ion:252 Resp: 463155
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 12.1 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 55.90 ng
RT: 17.14 min Scan# 1422
Delta R.T. -0.06 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:252 Resp: 463155
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 12.1 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 41.39 ng

RT: 17.51 min Scan# 1454

Delta R.T. -0.03 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

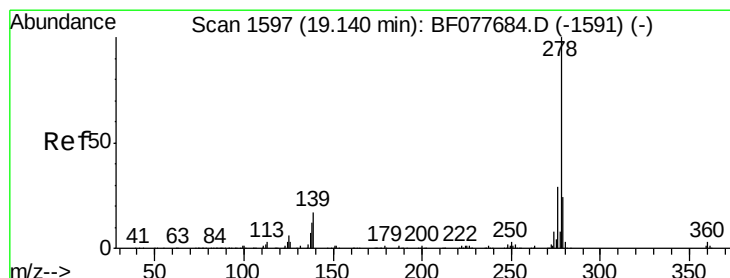
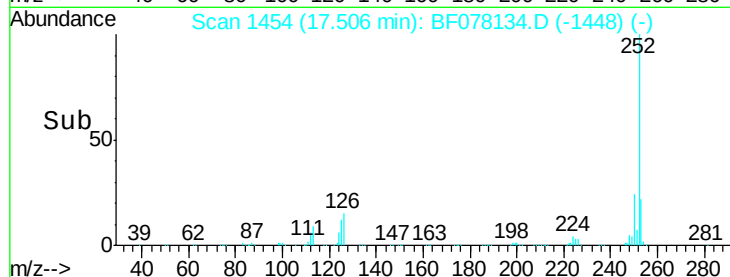
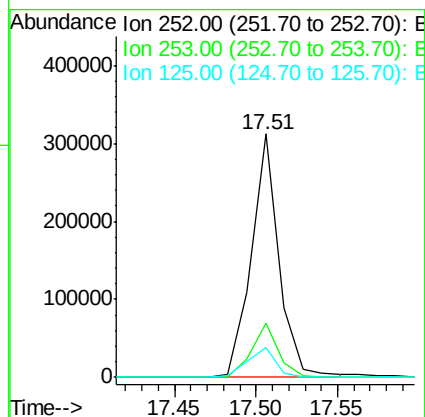
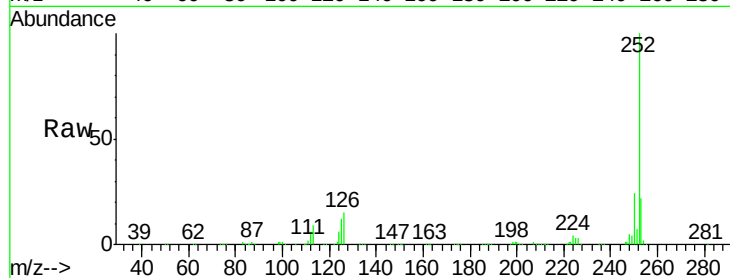
Instrument :

BNA_F

ClientSampleId :

PB82420BS

Tgt Ion:	252	Resp:	366299
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.2	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 39.22 ng

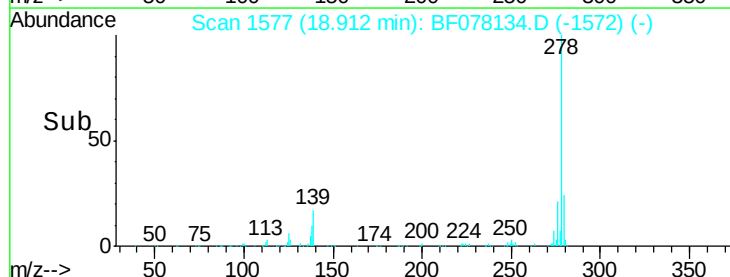
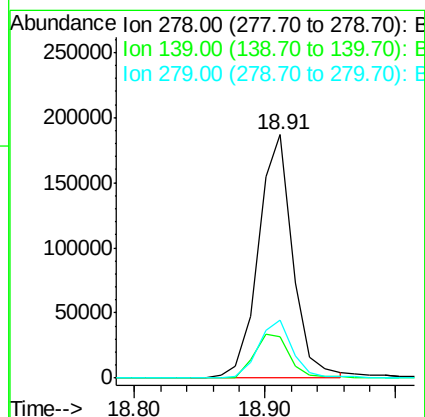
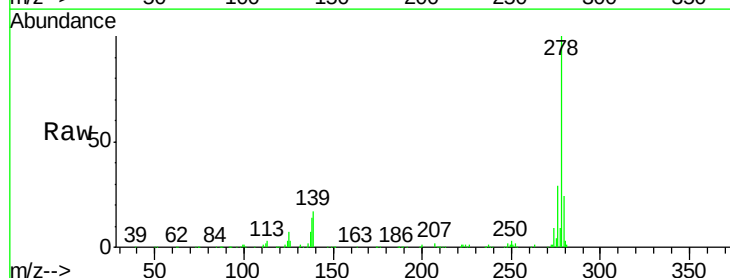
RT: 18.91 min Scan# 1577

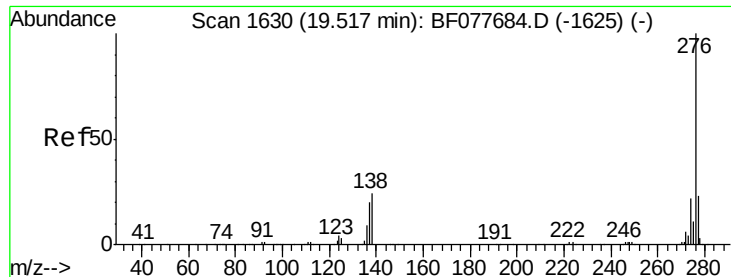
Delta R.T. -0.05 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Tgt Ion:	278	Resp:	344292
Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.4	20.0
279	24.1	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 38.94 ng

RT: 19.27 min Scan# 1608

Delta R.T. -0.06 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82420BS

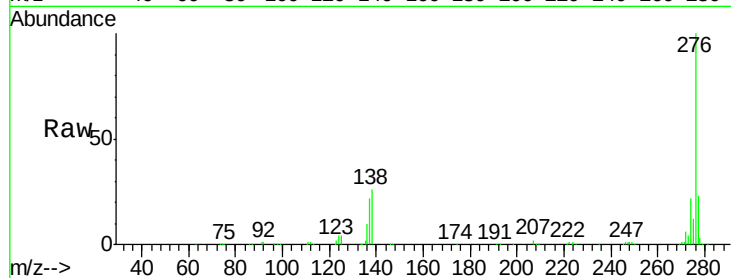
Tgt Ion: 276 Resp: 347971

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 26.2 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

