

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 03:30:57 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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	47033m	35.72	ng	
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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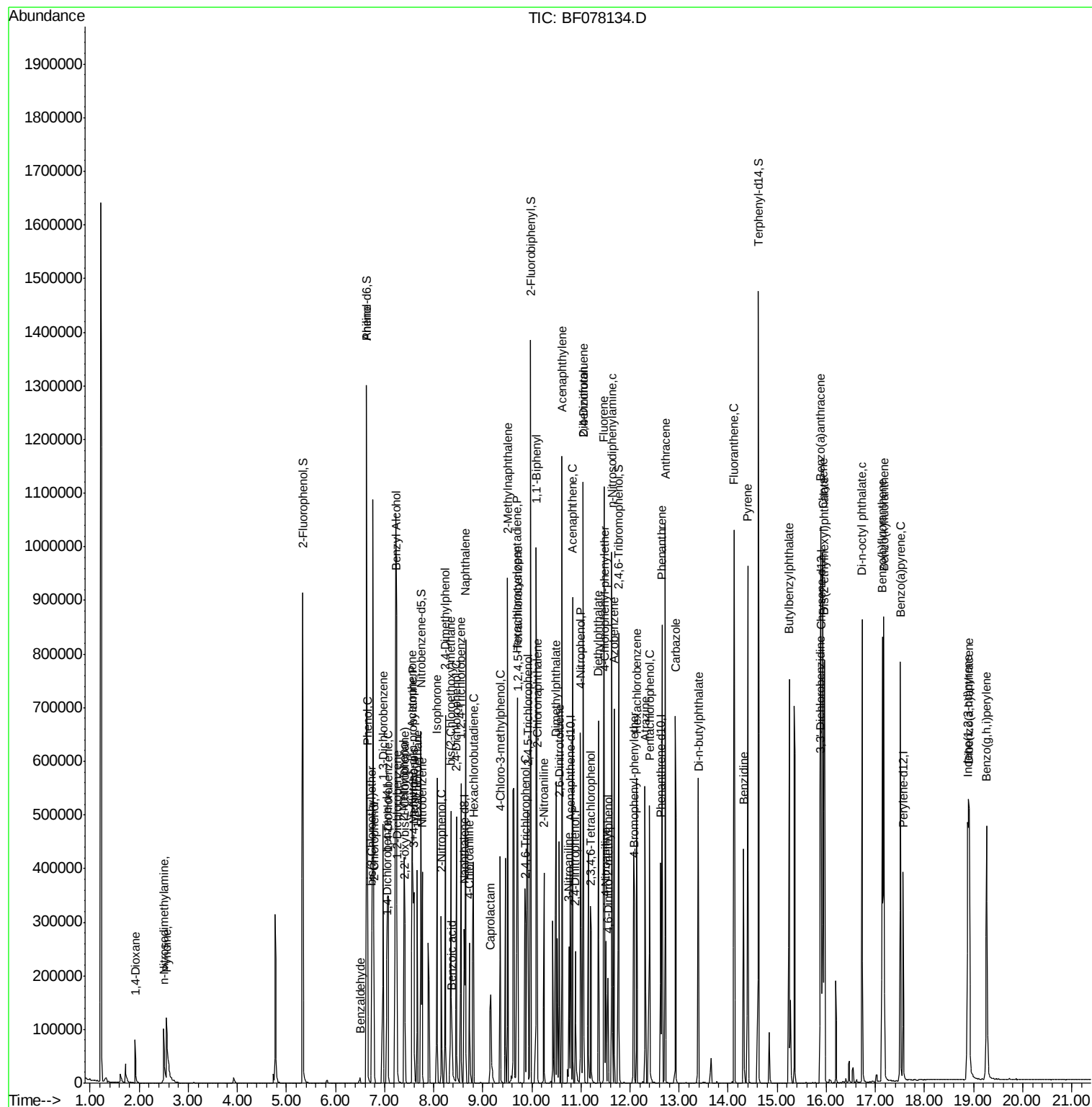
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	73396	38.65	nq	97
43) 2,4,5-Trichlorophenol	9.92	196	82352	40.14	nq	# 93
45) 1,1'-Biphenyl	10.09	154	308185	41.95	nq	98
46) 2-Chloronaphthalene	10.11	162	242250	40.57	nq	99
47) 2-Nitroaniline	10.25	65	67536	45.54	nq	89
48) Acenaphthylene	10.61	152	386350	38.91	nq	100
49) Dimethylphthalate	10.49	163	298799	43.83	nq	98
50) 2,6-Dinitrotoluene	10.56	165	65354	46.25	nq	87
51) Acenaphthene	10.83	154	222876	39.15	nq	98
52) 3-Nitroaniline	10.75	138	47909	29.19	nq	# 71
53) 2,4-Dinitrophenol	10.89	184	39477	76.45	nq	98
54) Dibenzofuran	11.05	168	350977	41.57	nq	99
55) 4-Nitrophenol	10.99	139	91184	75.01	nq	# 74
56) 2,4-Dinitrotoluene	11.05	165	81826	44.41	nq	87
57) Fluorene	11.47	166	289424	41.28	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	60841	38.52	nq	# 100
59) Diethylphthalate	11.36	149	278637	41.95	nq	96
60) 4-Chlorophenyl-phenylether	11.48	204	132055	41.27	nq	98
61) 4-Nitroaniline	11.51	138	64033	39.15	nq	75
62) Azobenzene	11.68	77	296483	46.71	nq	99
64) 4,6-Dinitro-2-methylphenol	11.55	198	32809	39.63	nq	80
65) n-Nitrosodiphenylamine	11.63	169	247236	41.46	nq	99
66) 4-Bromophenyl-phenylether	12.09	248	79002	41.34	nq	96
67) Hexachlorobenzene	12.13	284	83406	39.72	nq	# 82
68) Atrazine	12.31	200	74329	44.48	nq	93
69) Pentachlorophenol	12.40	266	75487	69.07	nq	98
70) Phenanthrene	12.65	178	409227	39.81	nq	99
71) Anthracene	12.72	178	429667	42.30	nq	100
72) Carbazole	12.92	167	388477	40.21	nq	100
73) Di-n-butylphthalate	13.39	149	451424	41.67	nq	98
74) Fluoranthene	14.12	202	450716	39.75	nq	97
76) Benzidine	14.32	184	245438	55.88	nq	100
77) Pyrene	14.40	202	462008	41.23	nq	99
79) Butylbenzylphthalate	15.24	149	197843	44.78	nq	95
80) Benzo(a)anthracene	15.88	228	412987	39.10	nq	99
81) 3,3'-Dichlorobenzidine	15.87	252	79785	22.90	nq	97
82) Chrysene	15.93	228	396584	41.76	nq	99
83) Bis(2-ethylhexyl)phthalate	15.96	149	300564	44.91	nq	99
84) Di-n-octyl phthalate	16.73	149	486897	42.55	nq	99
85) Indeno(1,2,3-cd)pyrene	18.88	276	421662	35.57	nq	# 100
87) Benzo(b)fluoranthene	17.14	252	463155	43.67	nq	99
88) Benzo(k)fluoranthene	17.17	252	321281m	38.78	nq	
89) Benzo(a)pyrene	17.51	252	366299	41.39	nq	# 97
90) Dibenzo(a,h)anthracene	18.91	278	344292	39.22	nq	99
91) Benzo(g,h,i)perylene	19.27	276	347971	38.94	nq	97

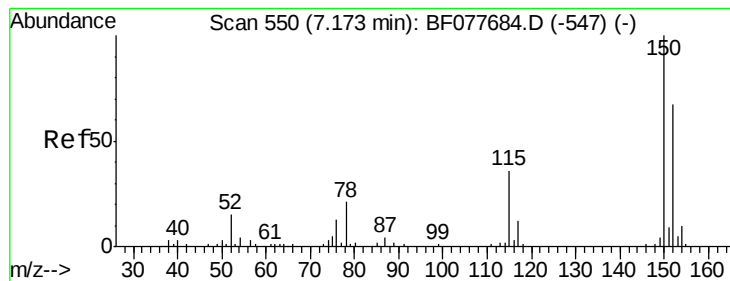
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

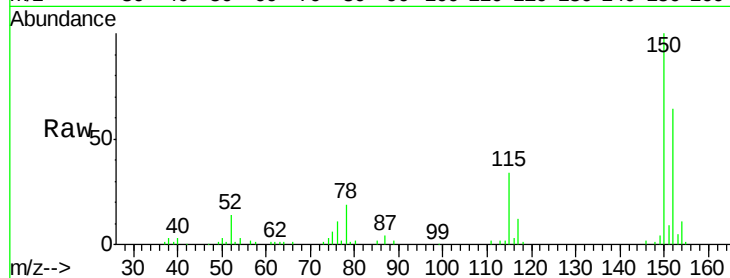
Tot Ion:152 Resp: 43266

Ion Ratio Lower Upper

152 100

150 155.9 119.5 179.3

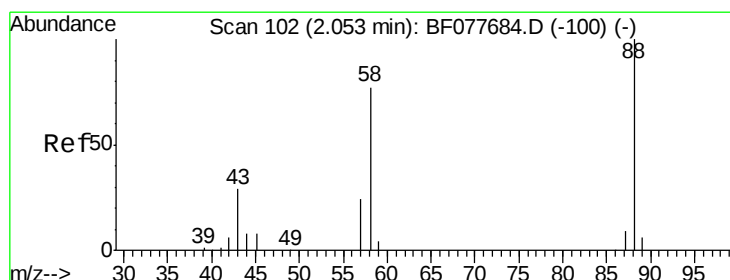
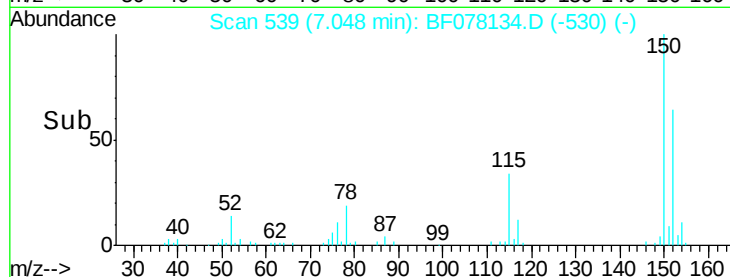
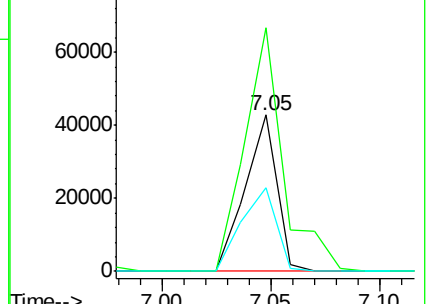
115 53.7 43.0 64.4



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

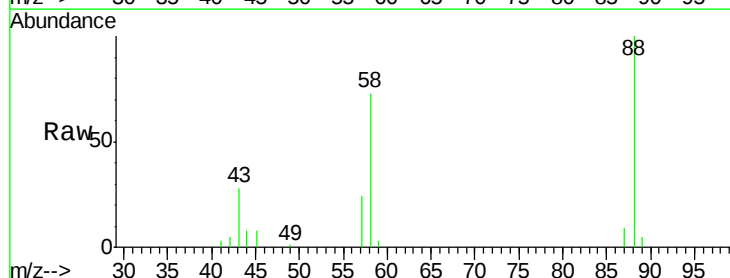
Tgt Ion: 88 Resp: 37026

Ion Ratio Lower Upper

88 100

58 71.3 0.0 0.0#

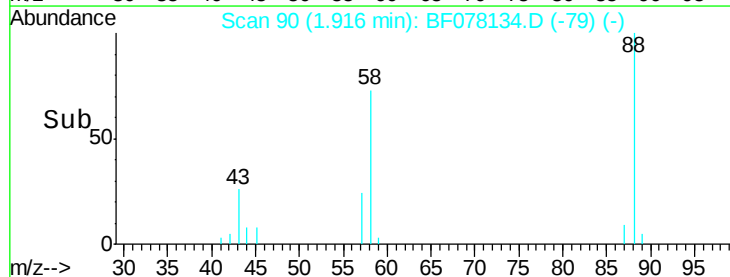
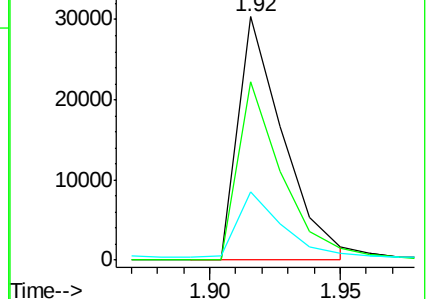
43 26.4 0.0 0.0#

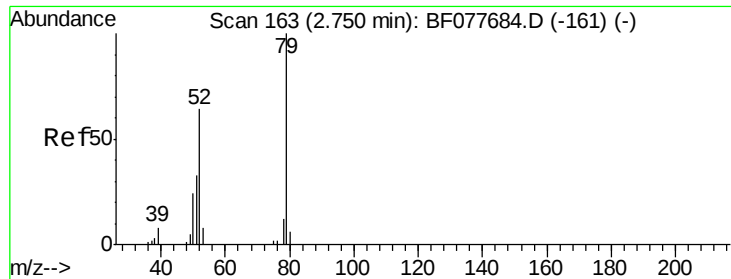


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

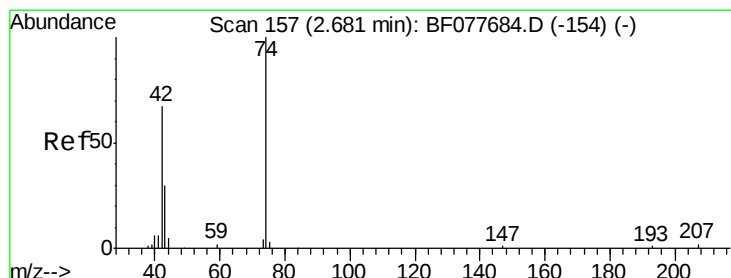
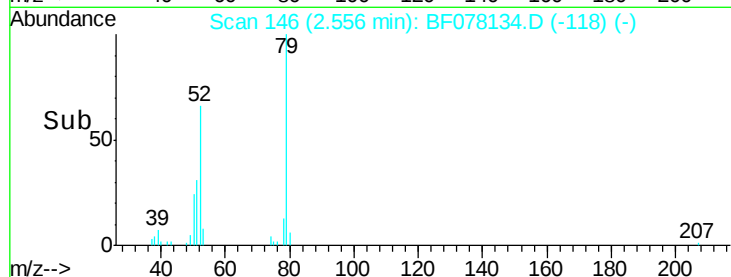
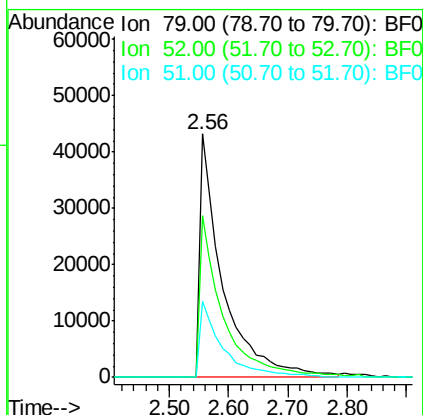
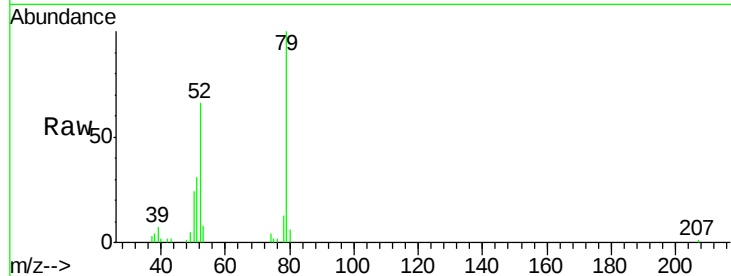




#3
 Pvridine
 Concen: 38.87 ng
 RT: 2.56 min Scan# 146
 Delta R.T. 0.02 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

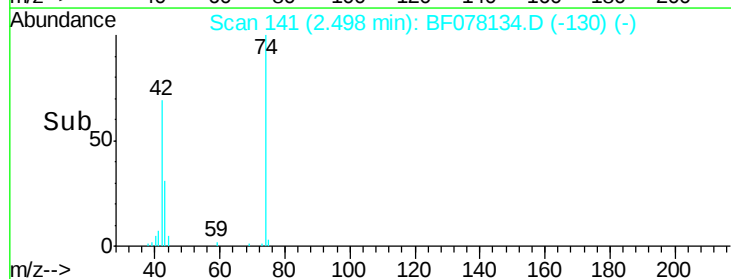
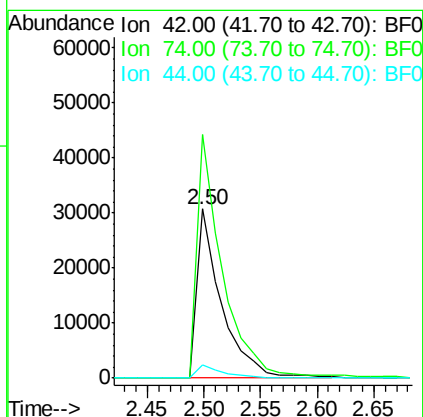
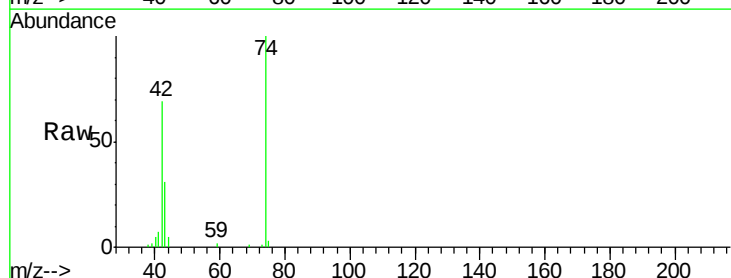
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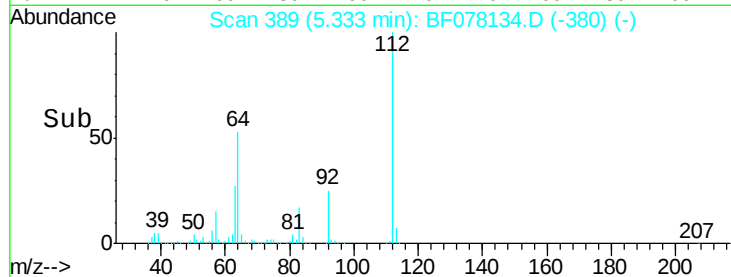
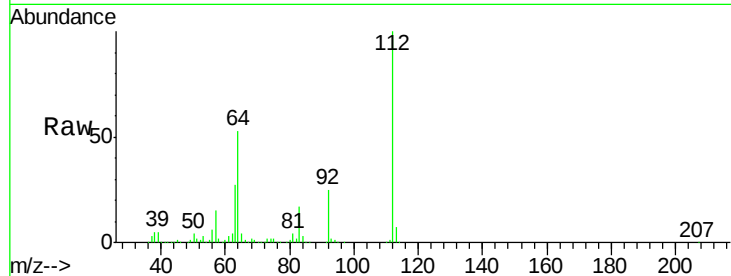
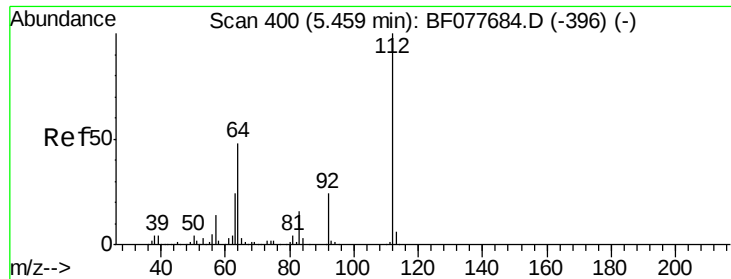
Tot Ion: 79 Resp: 117543
 Ion Ratio Lower Upper
 79 100
 52 66.3 51.1 76.7
 51 31.1 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 35.72 ng m
 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: 47033
 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

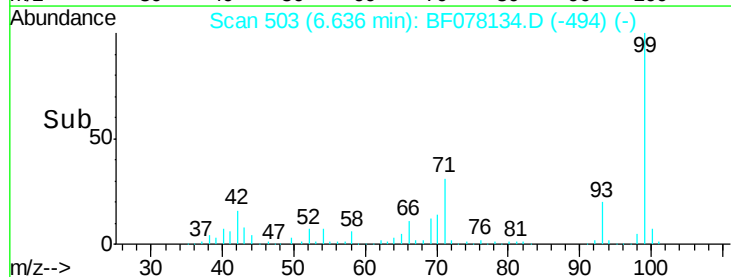
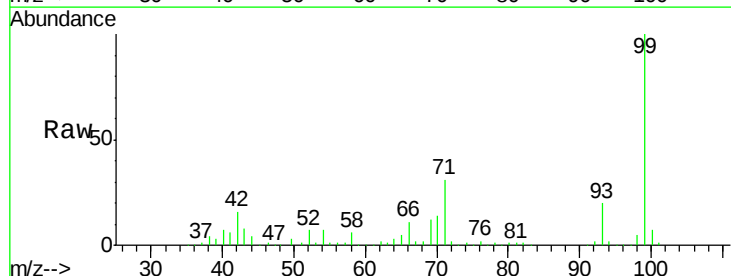
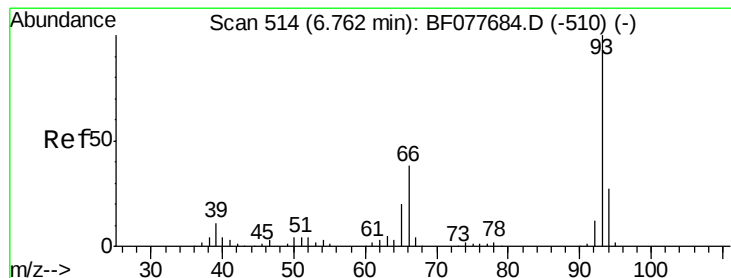
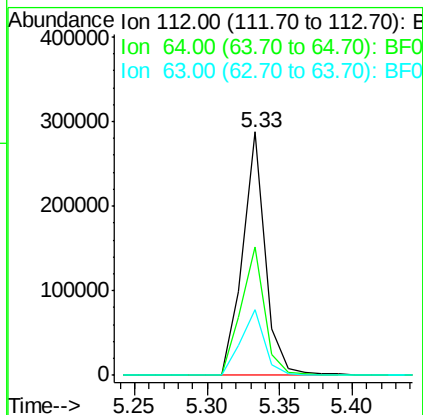
Tot Ion:112 Resp: 313539

Ion Ratio Lower Upper

112 100

64 52.9 38.6 57.8

63 27.0 19.3 28.9



#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

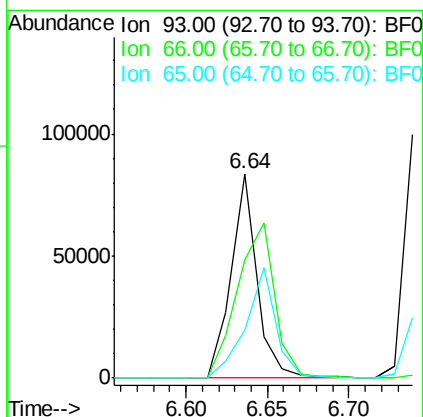
Tgt Ion: 93 Resp: 91637

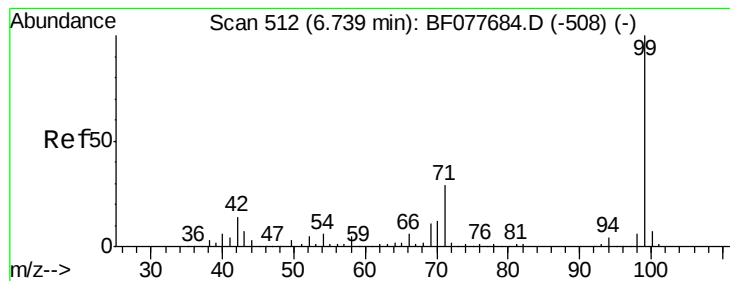
Ion Ratio Lower Upper

93 100

66 57.8 30.8 46.2#

65 23.4 16.0 24.0





#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

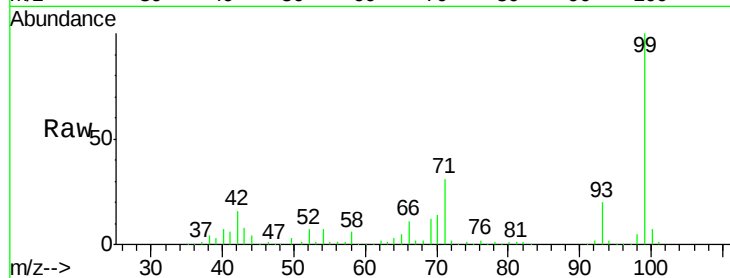
Tot Ion: 99 Resp: 395018

Ion Ratio Lower Upper

99 100

42 16.1 11.0 16.4

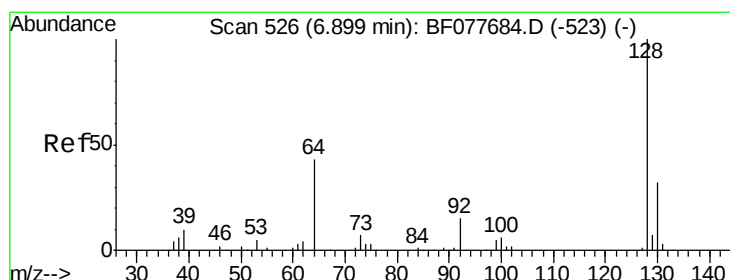
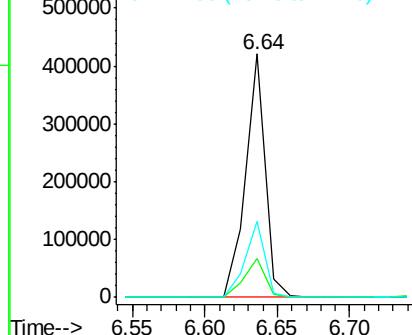
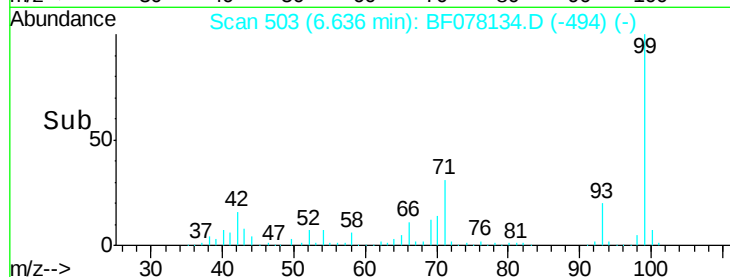
71 31.4 23.4 35.2



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

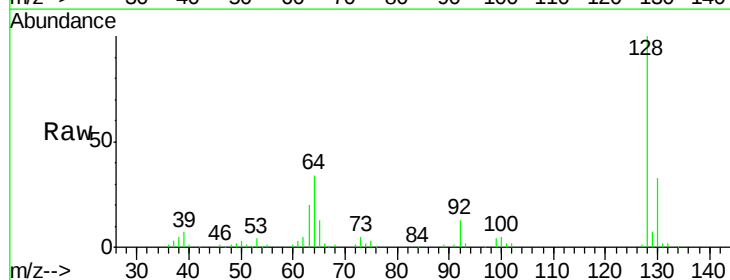
Tgt Ion:128 Resp: 124990

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

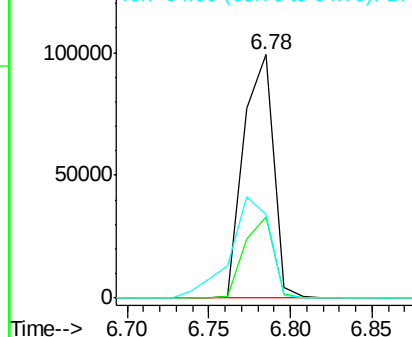
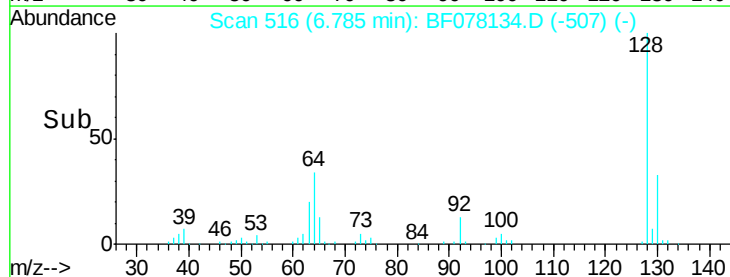
64 34.3 24.9 64.9

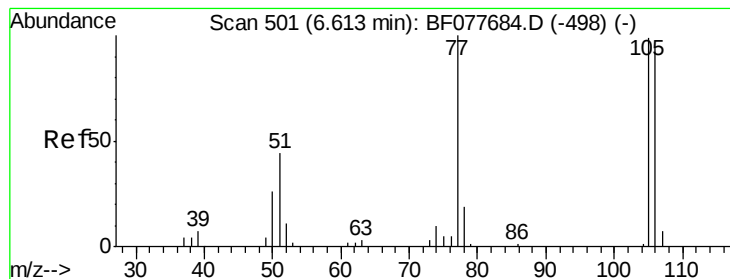


Abundance Ion 128.00 (127.70 to 128.70): E

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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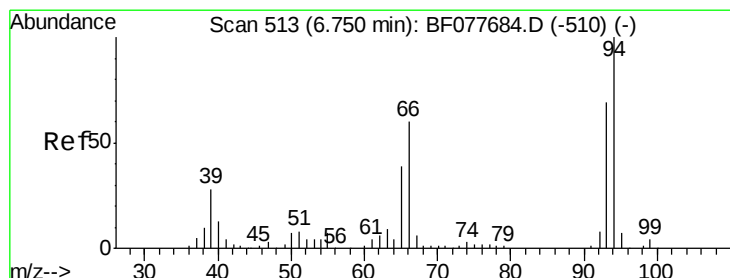
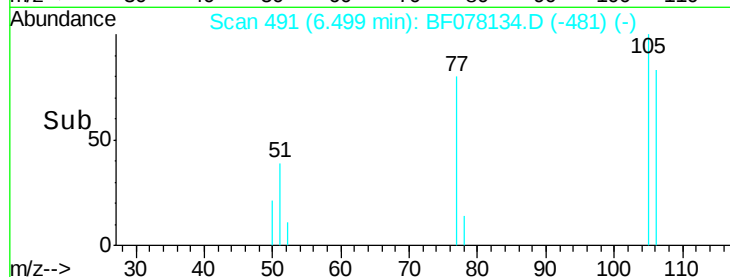
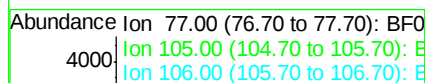
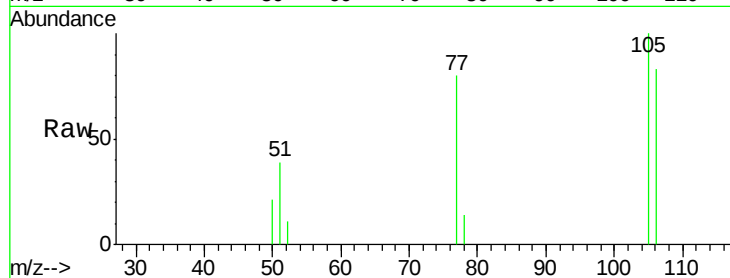
Tot Ion: 77 Resp: 3644

Ion Ratio Lower Upper

77 100

105 124.3 78.8 118.8#

106 103.1 73.7 113.7



#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

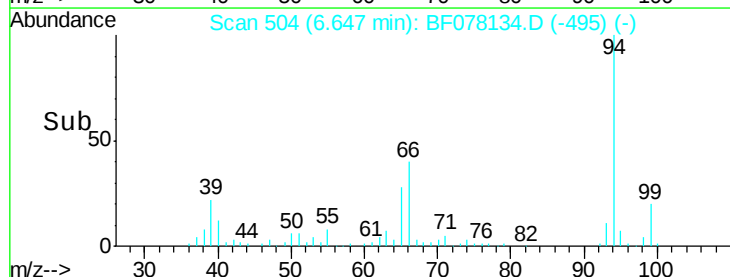
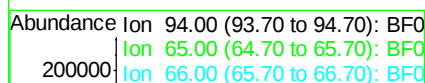
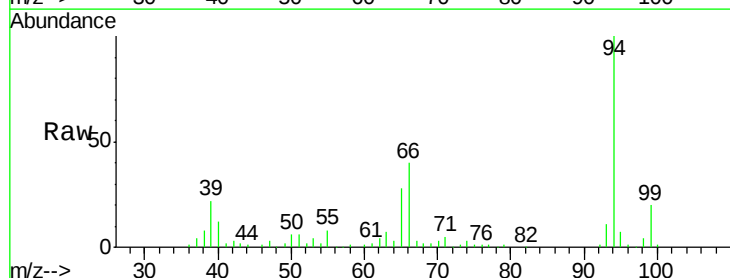
Tgt Ion: 94 Resp: 155153

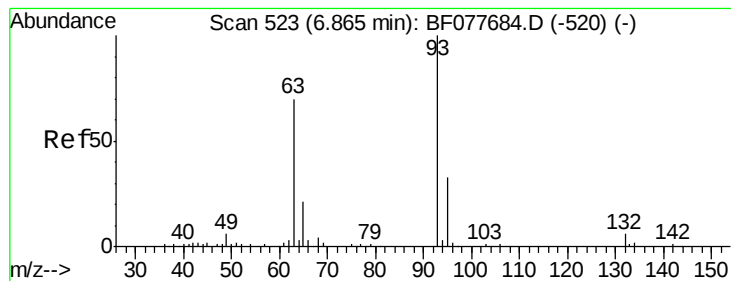
Ion Ratio Lower Upper

94 100

65 28.4 18.8 58.8

66 40.0 39.9 79.9

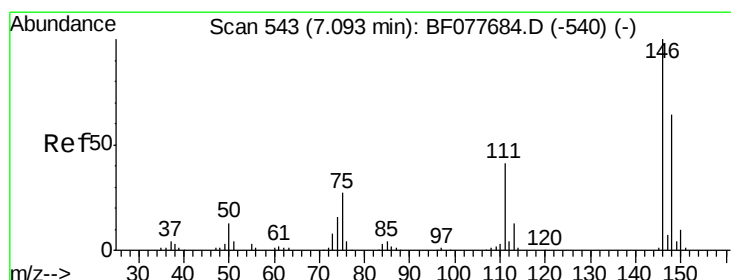
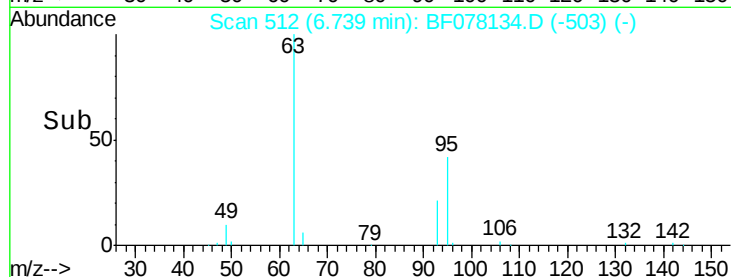
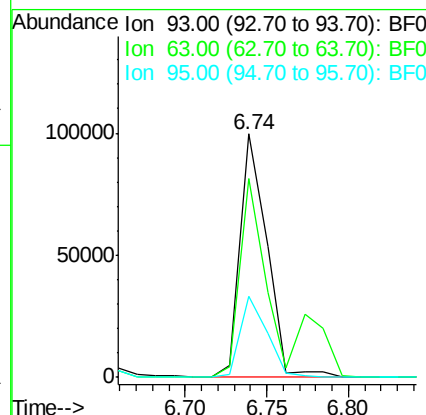
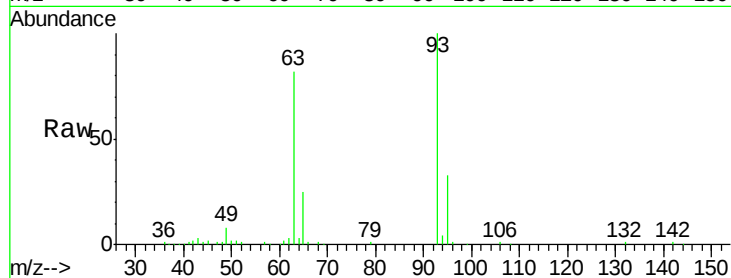




#11
bis(2-Chloroethyl)ether
Concen: 41.05 ng
RT: 6.74 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

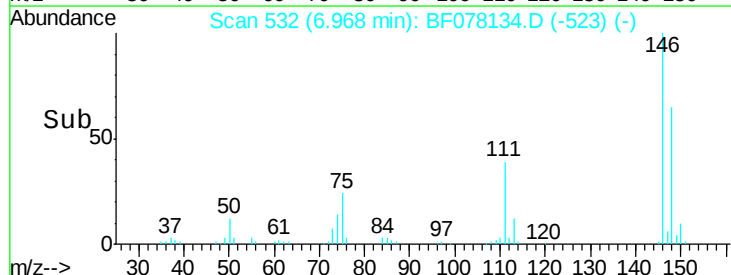
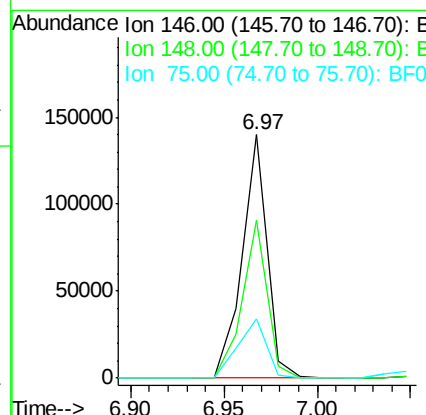
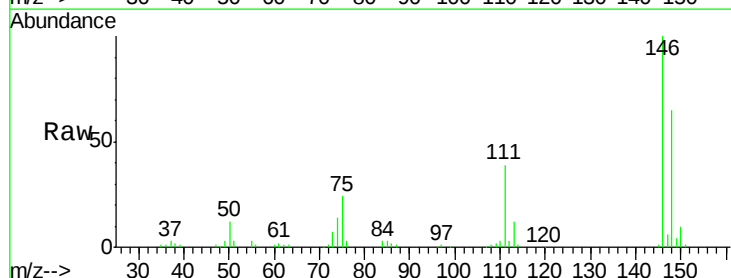
Instrument :
BNA_F
ClientSampleId :
PB82420BS

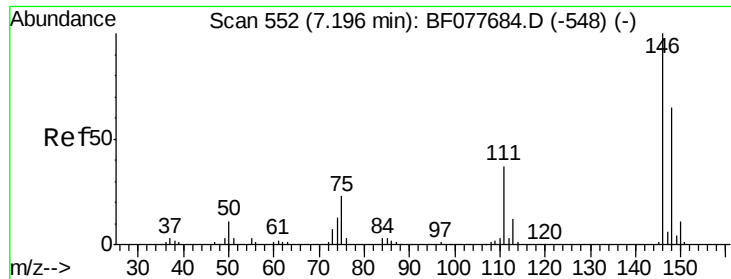
Tot Ion: 93 Resp: 111314
Ion Ratio Lower Upper
93 100
63 81.7 49.5 89.5
95 33.2 13.5 53.5



#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

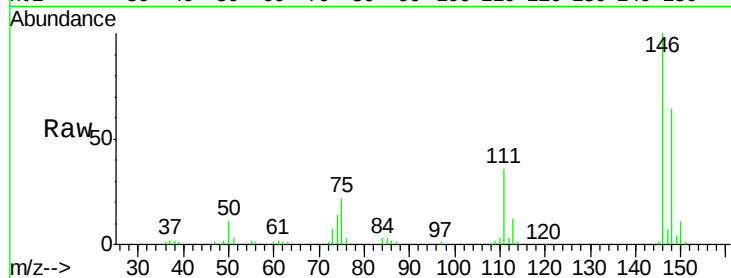




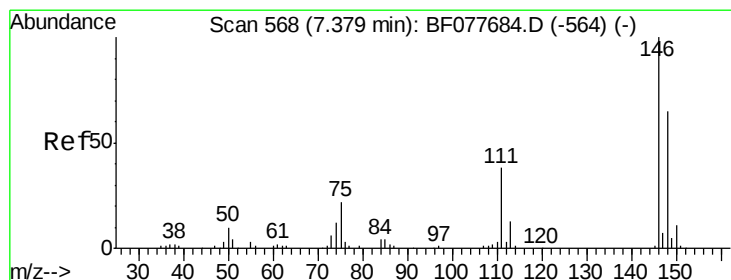
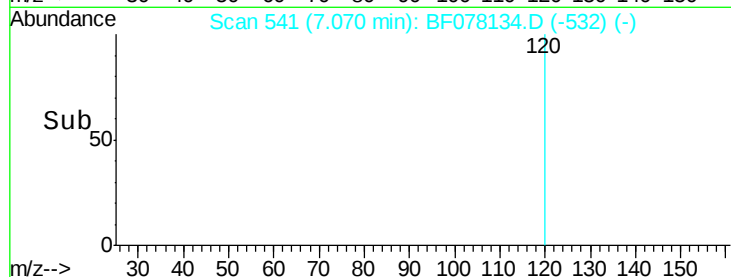
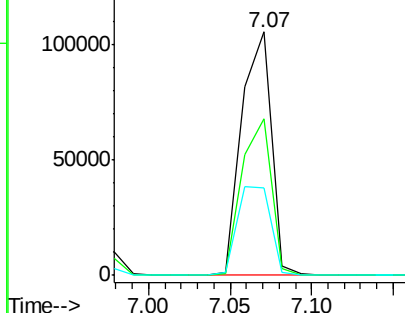
#13
 1,4-Dichlorobenzene
 Concen: 38.89 ng
 RT: 7.07 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleID :
 PB82420BS

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

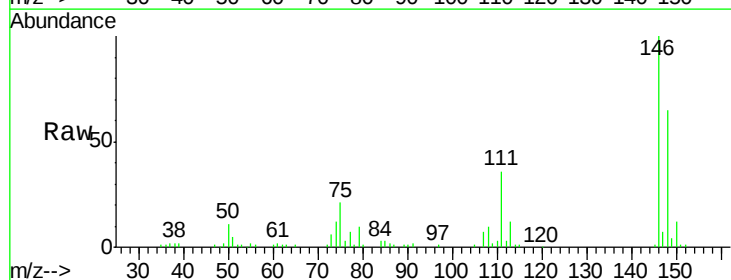


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

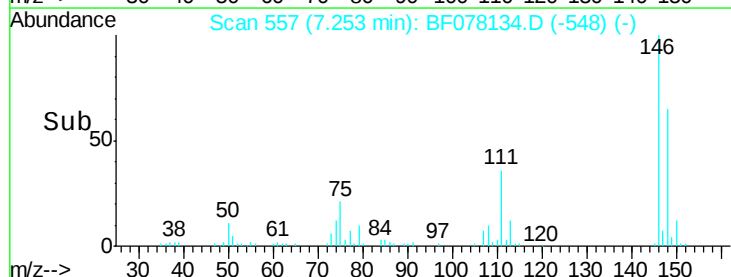
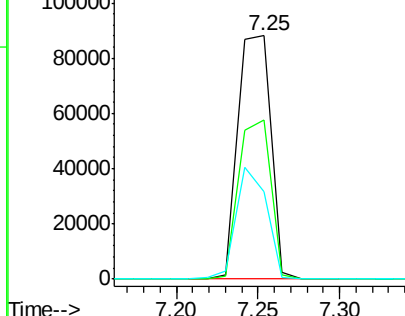


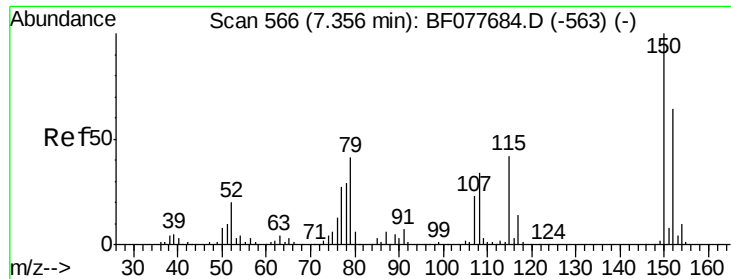
#14
 1,2-Dichlorobenzene
 Concen: 39.29 ng
 RT: 7.25 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

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

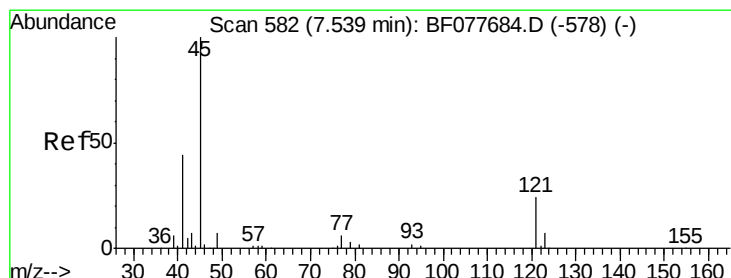
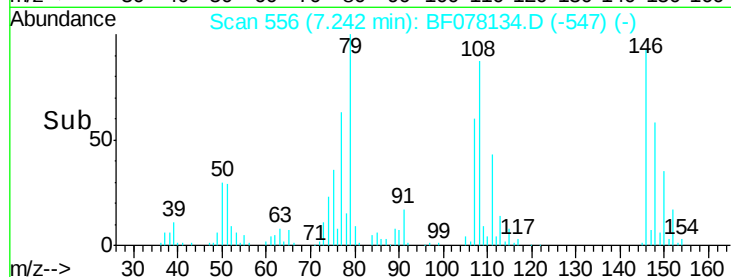
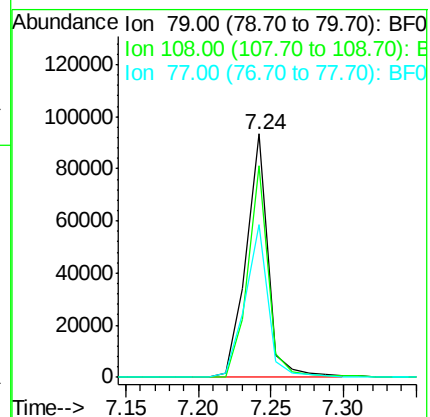
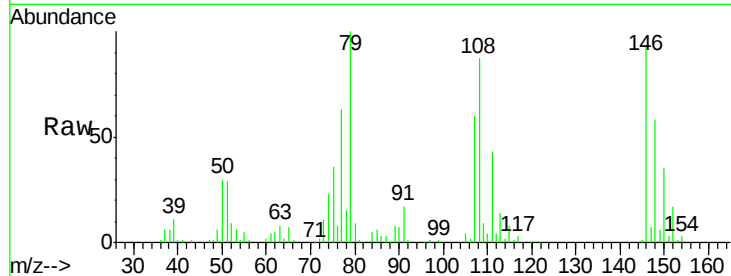
Tot Ion: 79 Resp: 98709

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

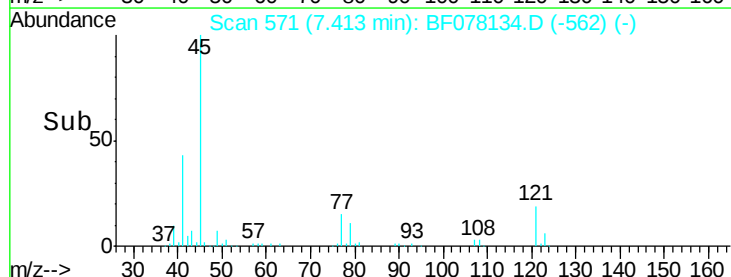
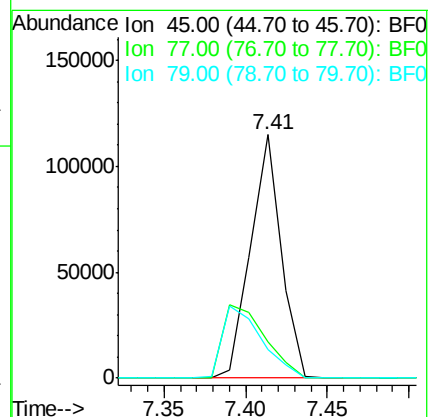
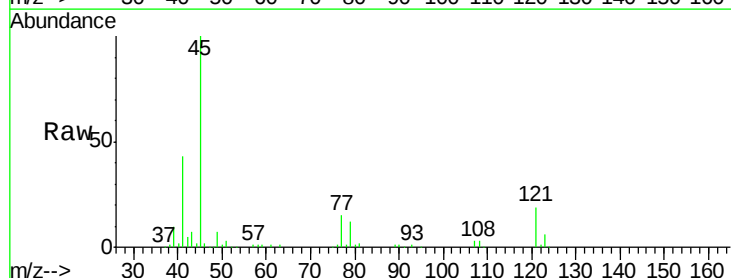
Tgt Ion: 45 Resp: 149449

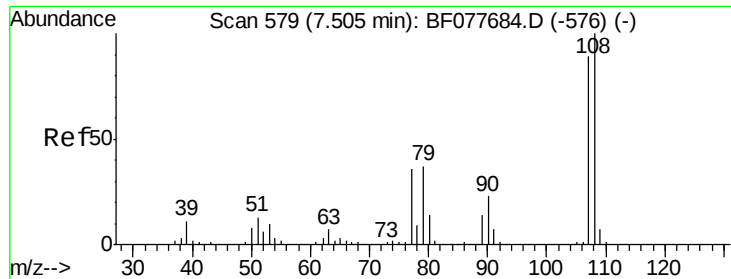
Ion Ratio Lower Upper

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

Tot Ion:107 Resp: 96469

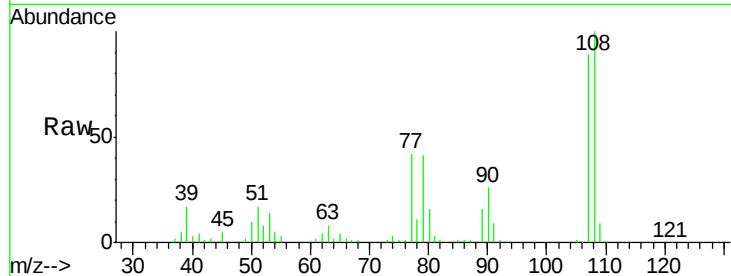
Ion Ratio Lower Upper

107 100

108 111.9 89.8 134.8

77 47.5 32.6 48.8

79 46.3 32.8 49.2

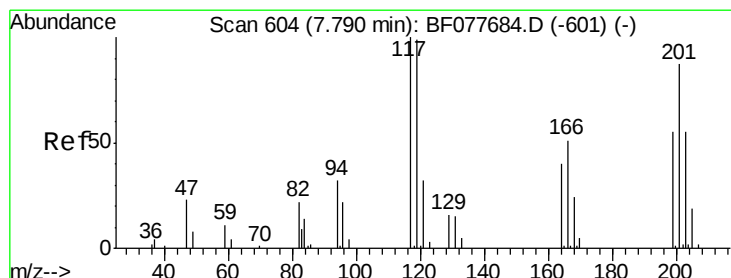
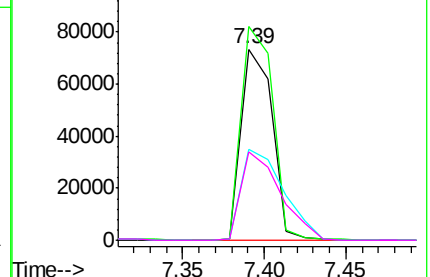
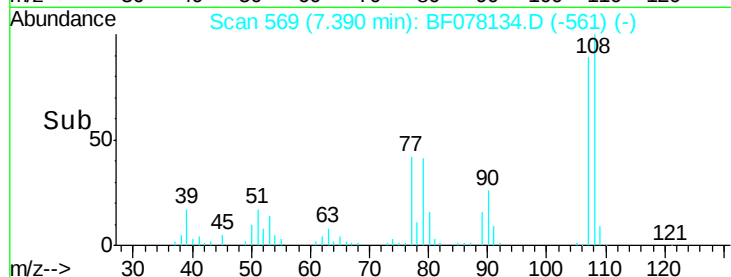


Abundance Ion 107.00 (106.70 to 107.70): E

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

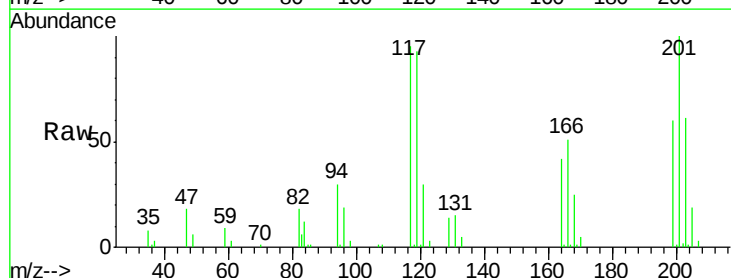
Tgt Ion:117 Resp: 44884

Ion Ratio Lower Upper

117 100

119 98.0 79.2 118.8

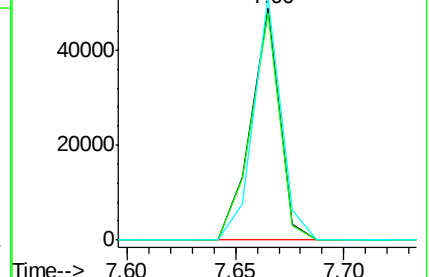
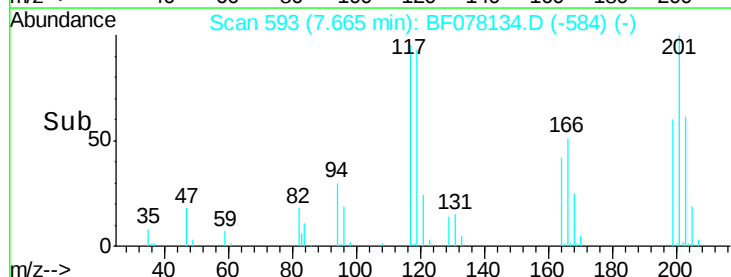
201 105.0 69.8 104.6#

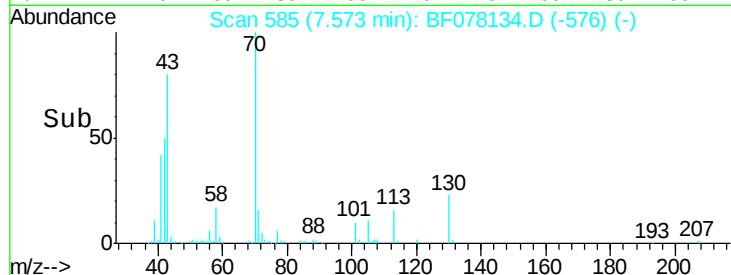
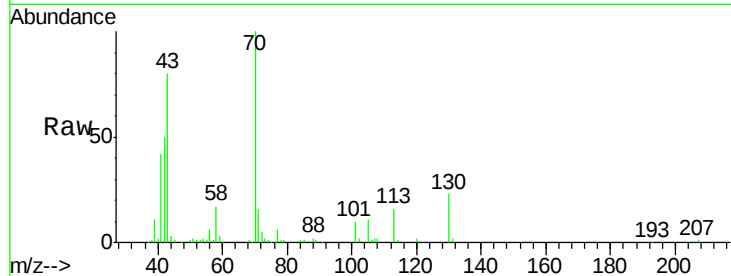
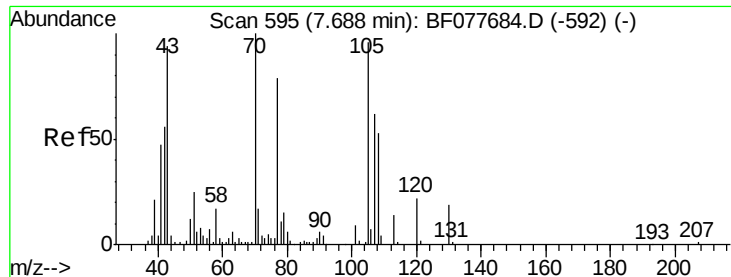


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

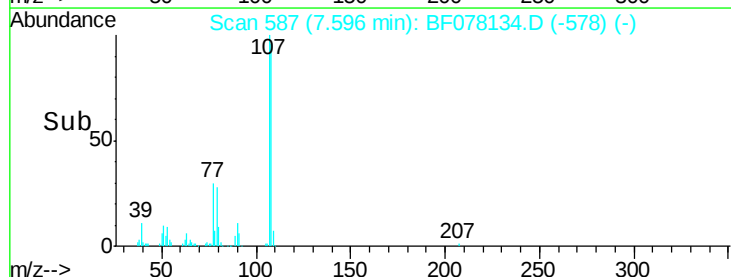
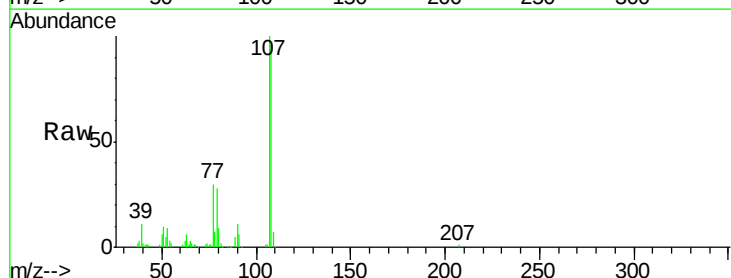
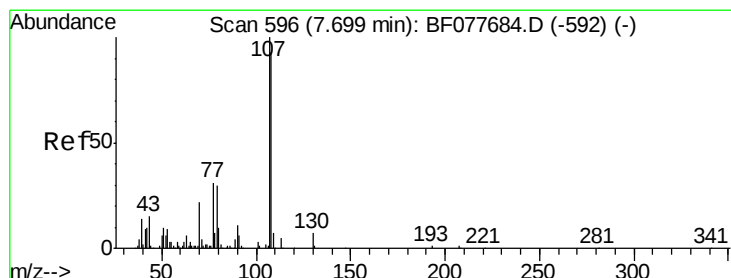
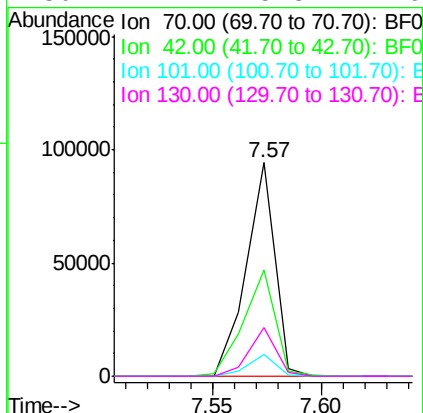




#19
n-Nitroso-di-n-propylamine
Concen: 40.93 ng
RT: 7.57 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

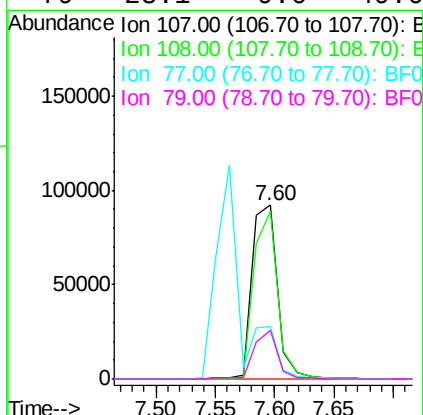
Instrument :
BNA_F
ClientSampled :
PB82420BS

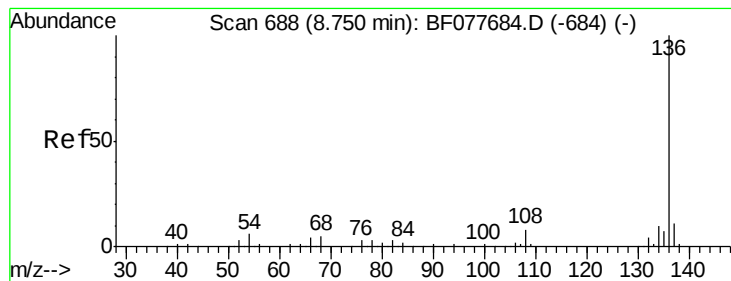
Tot Ion:	70	Resp:	86714
Ion	Ratio	Lower	Upper
70	100		
42	49.7	44.5	66.7
101	10.2	7.4	11.2
130	22.7	15.3	22.9



#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

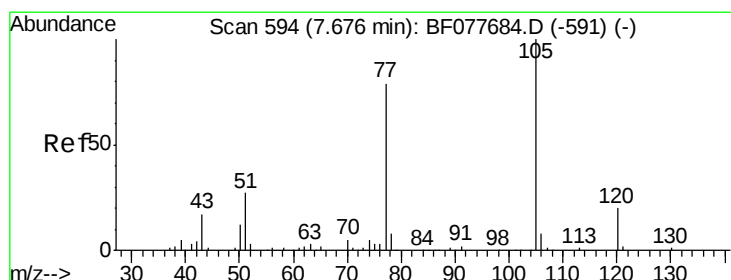
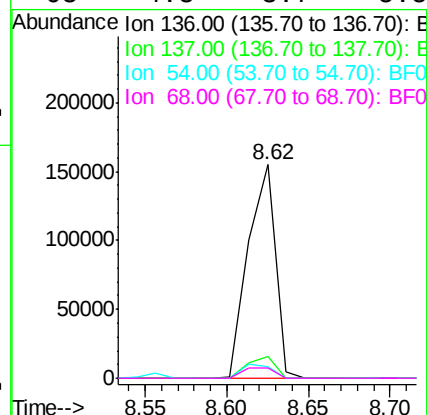
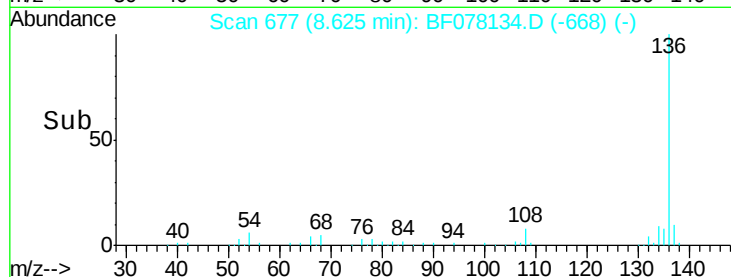
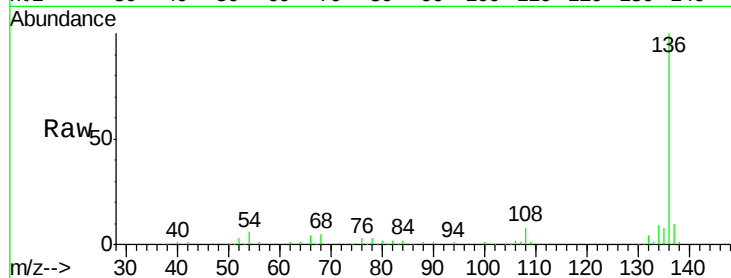




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

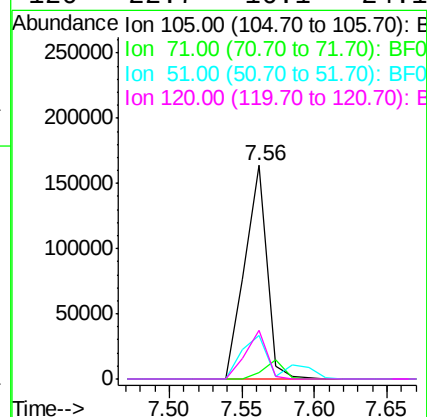
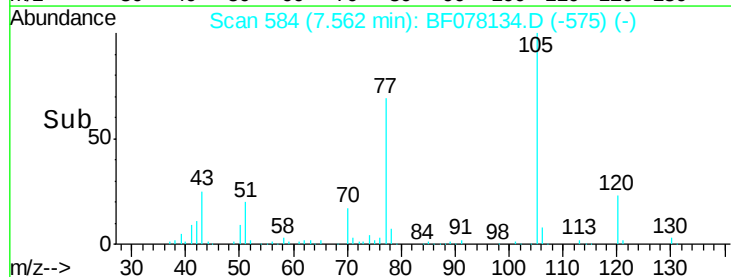
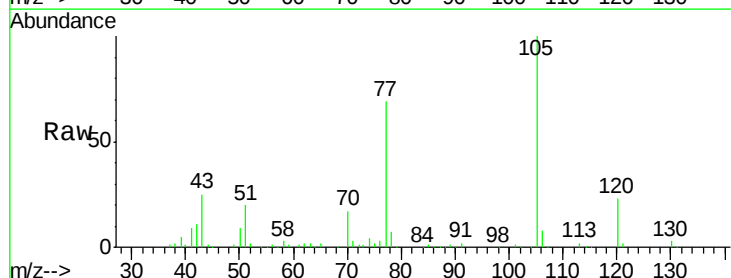
Instrument :
BNA_F
ClientSampleId :
PB82420BS

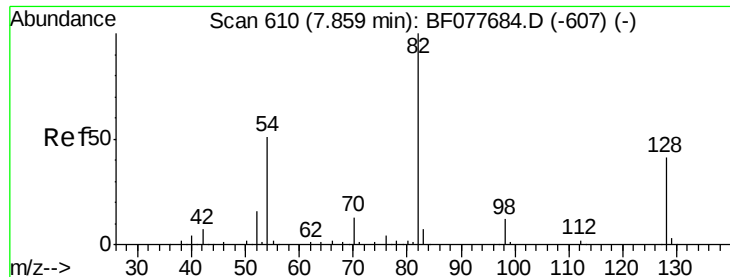
Tot Ion:136	Resp:	179549
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.7 13.1
54	5.6	4.6 6.8
68	4.8	3.7 5.5



#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

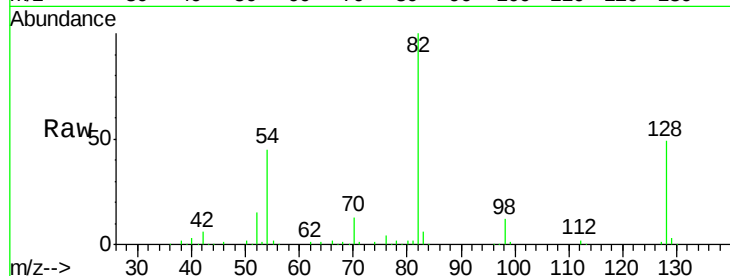




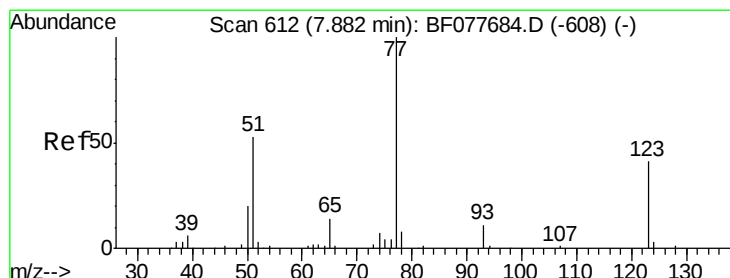
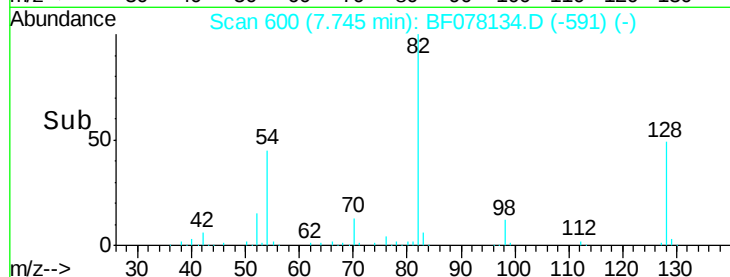
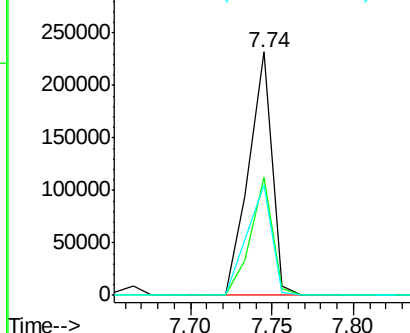
#23
Nitrobenzene-d5
Concen: 84.26 ng
RT: 7.74 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Instrument :
BNA_F
ClientSampleId :
PB82420BS

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

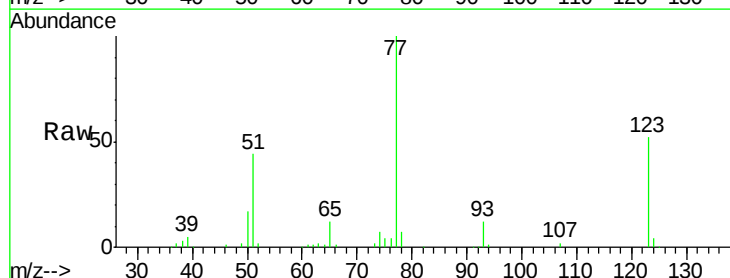


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

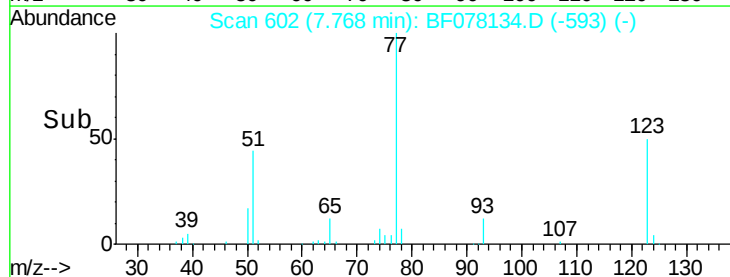
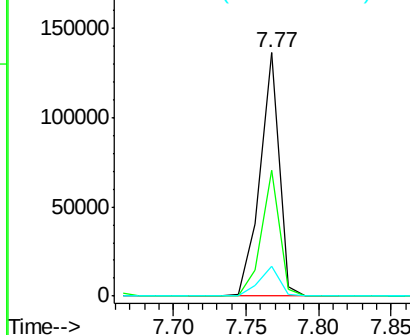


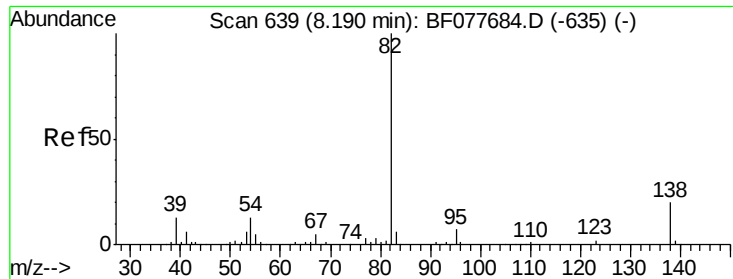
#24
Nitrobenzene
Concen: 42.73 ng
RT: 7.77 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

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



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





#25

Isophorone

Concen: 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

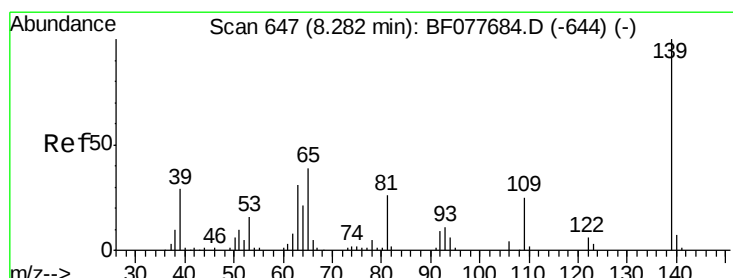
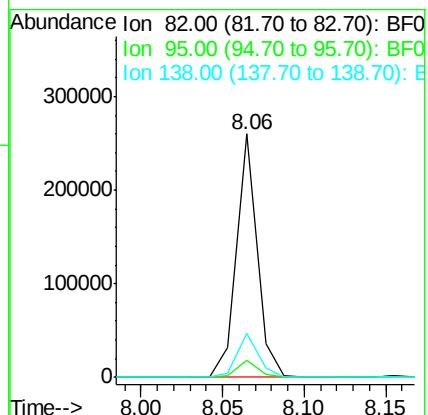
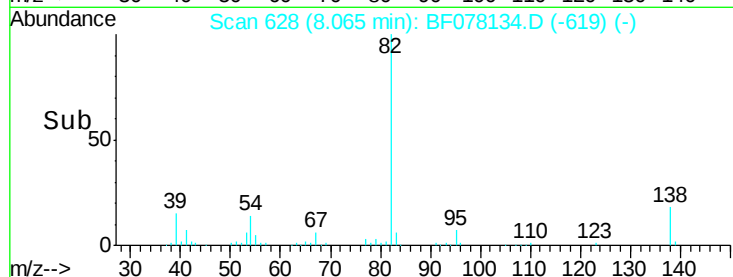
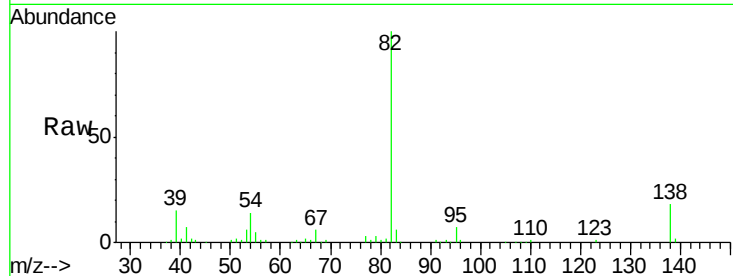
Tot Ion: 82 Resp: 226226

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

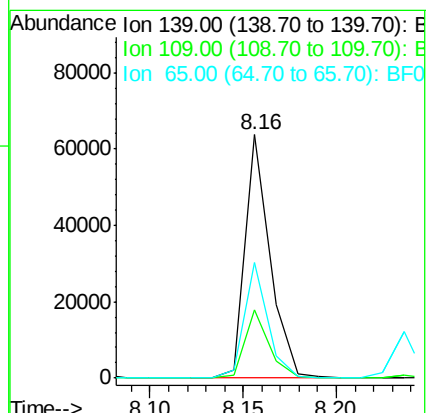
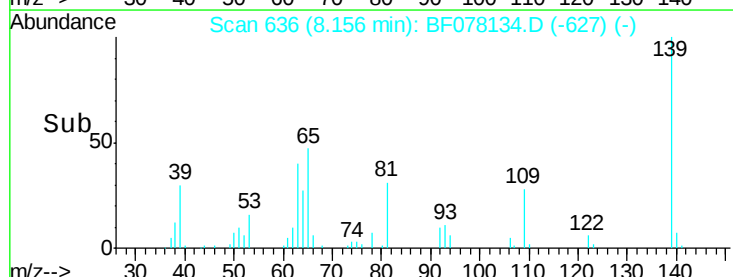
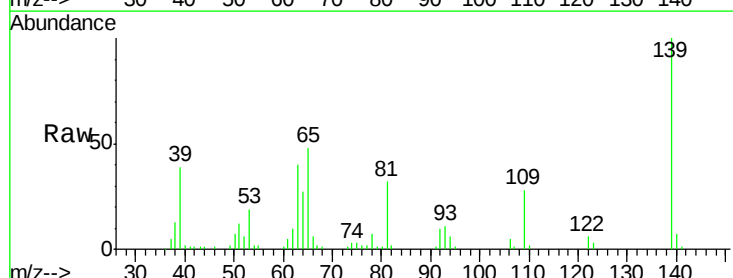
Tgt Ion:139 Resp: 59406

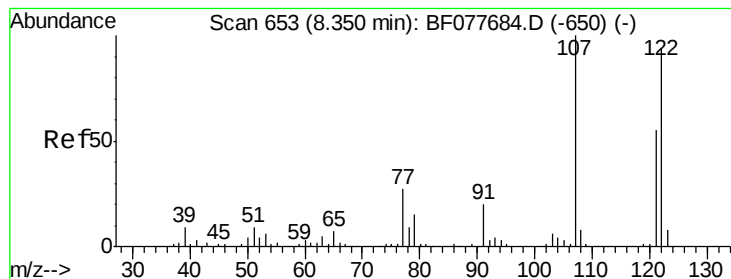
Ion Ratio Lower Upper

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

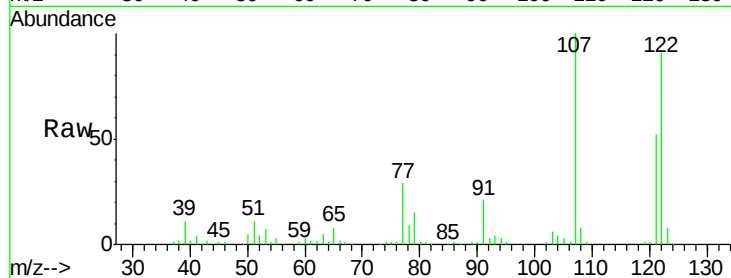
Tot Ion:122 Resp: 115792

Ion Ratio Lower Upper

122 100

107 109.8 84.7 127.1

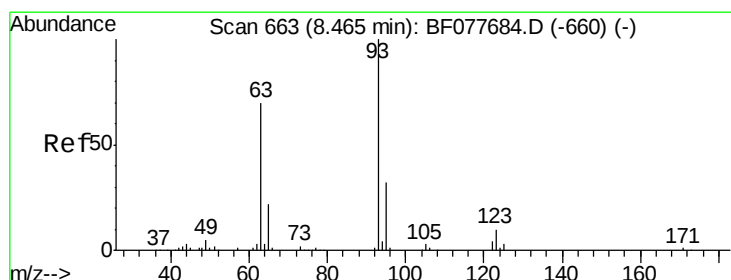
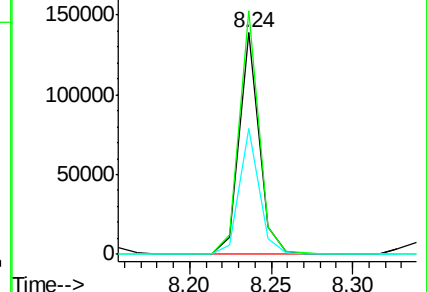
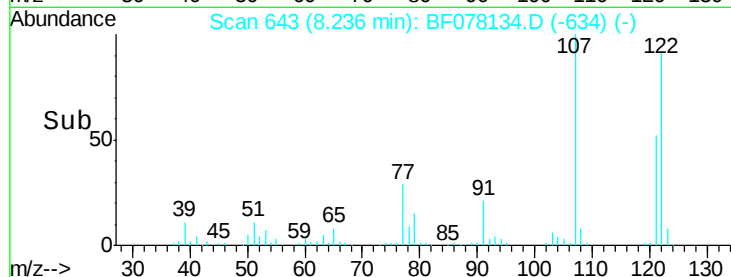
121 57.0 46.6 69.8



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

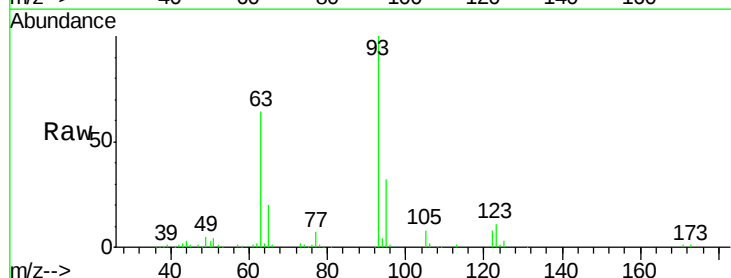
Tgt Ion: 93 Resp: 146436

Ion Ratio Lower Upper

93 100

95 32.0 25.5 38.3

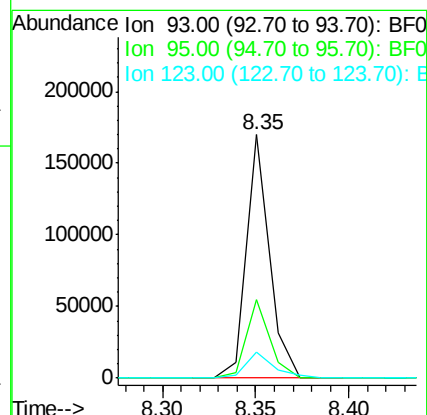
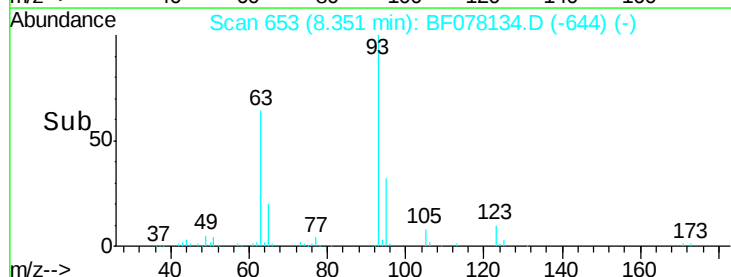
123 10.6 8.6 13.0

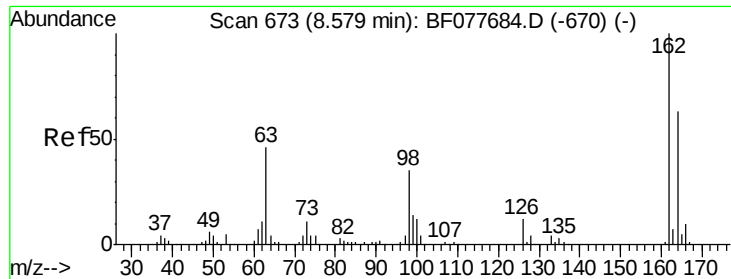


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

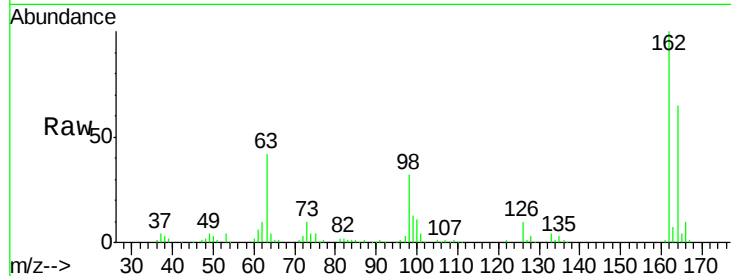




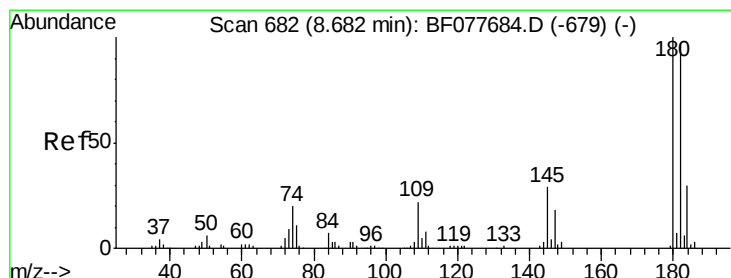
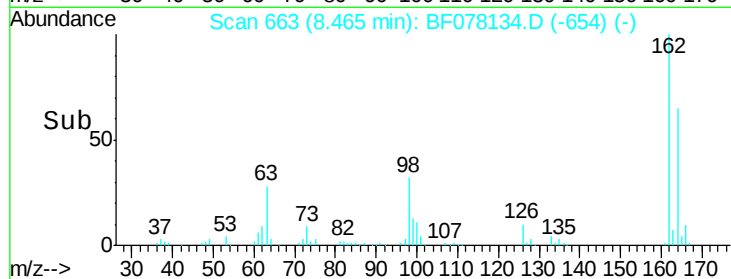
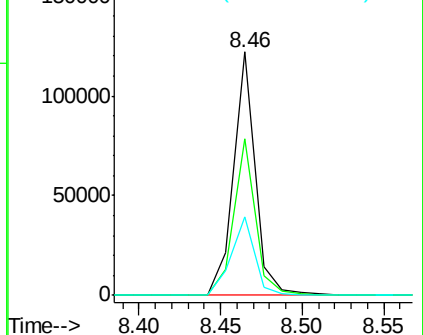
#29
 2,4-Dichlorophenol
 Concen: 44.37 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

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

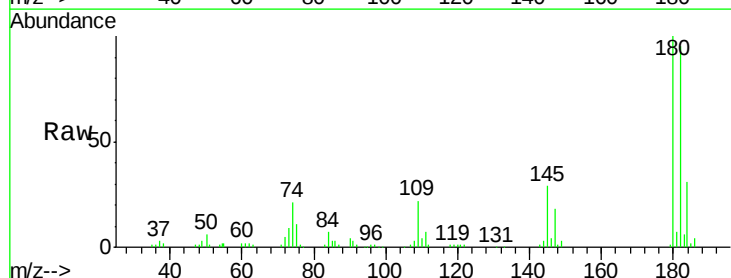


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

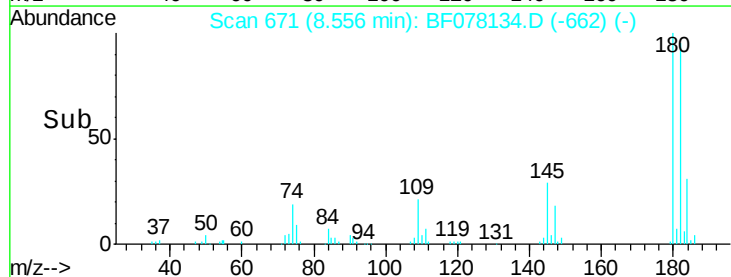
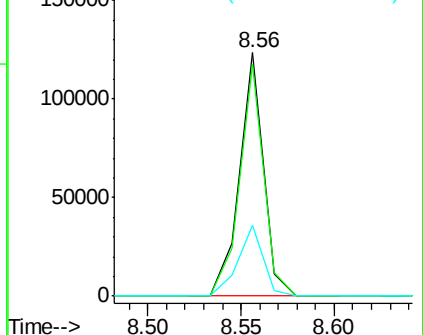


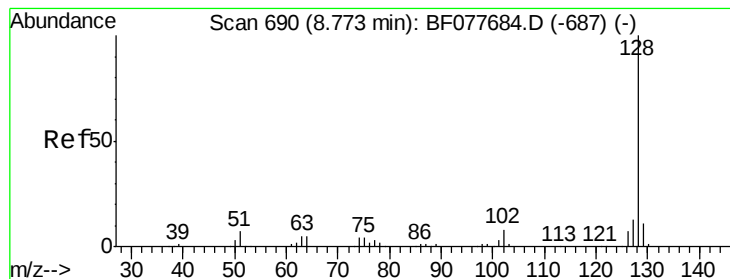
#30
 1,2,4-Trichlorobenzene
 Concen: 39.55 ng
 RT: 8.56 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

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

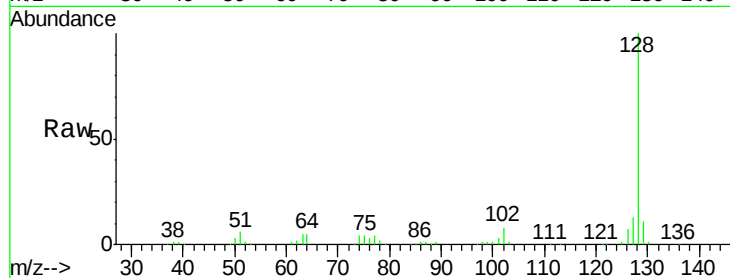
Tot Ion:128 Resp: 371335

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

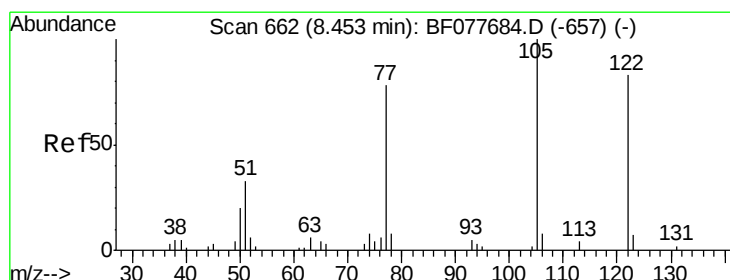
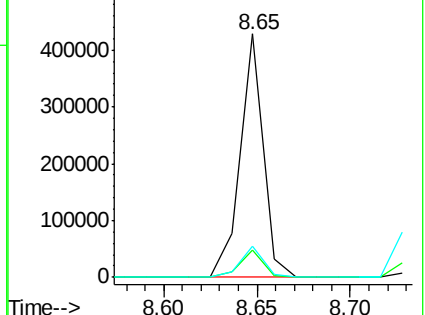
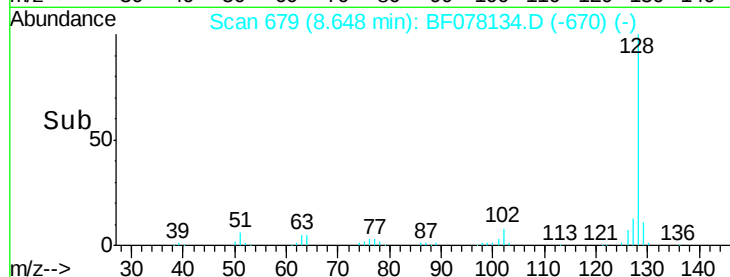
127 12.9 10.4 15.6



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

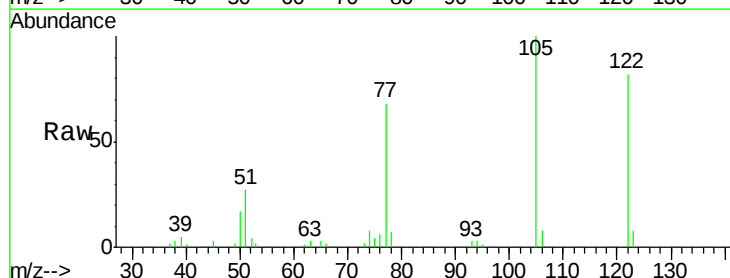
Tgt Ion:122 Resp: 51233

Ion Ratio Lower Upper

122 100

105 121.6 99.9 139.9

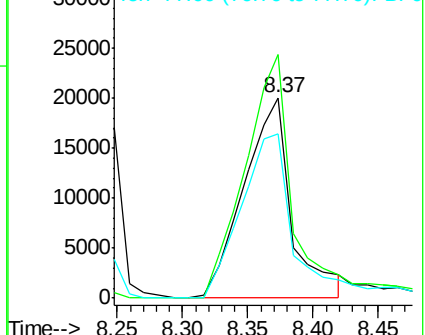
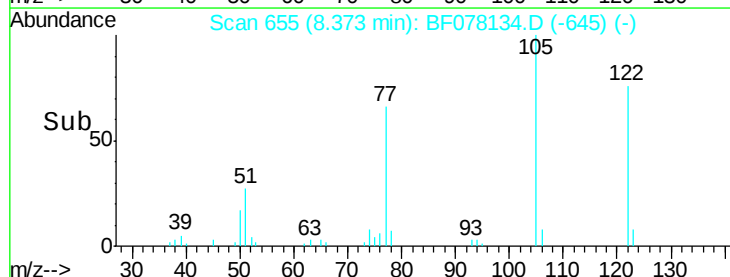
77 82.2 73.7 113.7

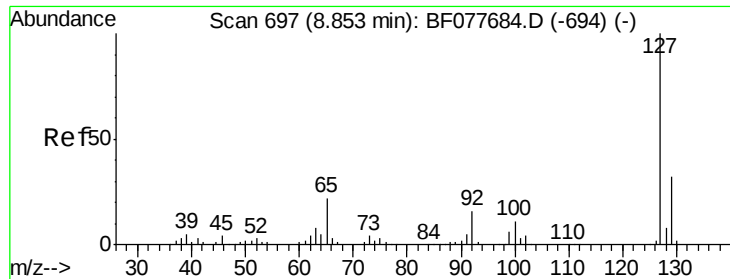


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

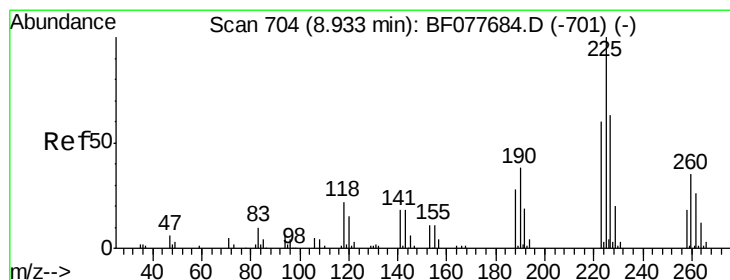
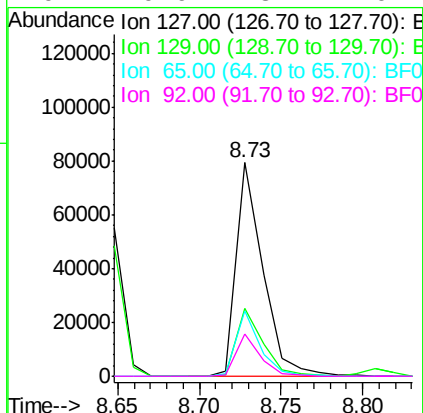
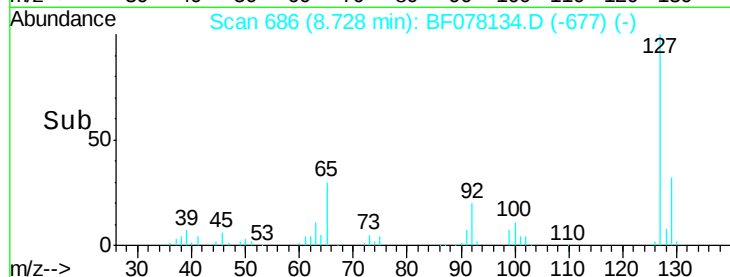
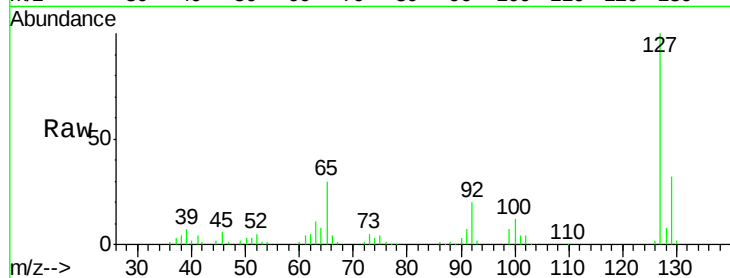




#33
4-Chloroaniline
Concen: 23.94 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

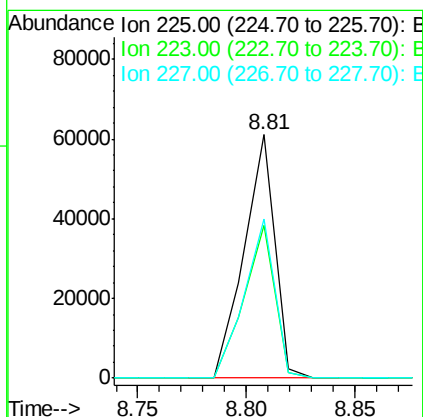
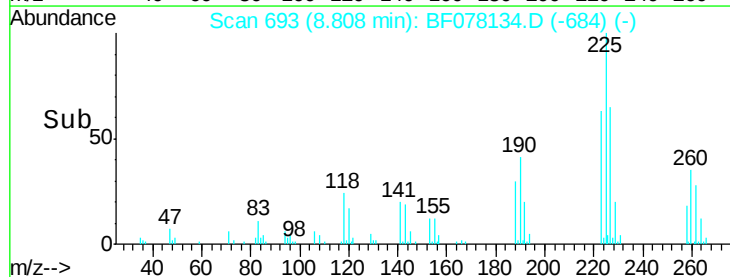
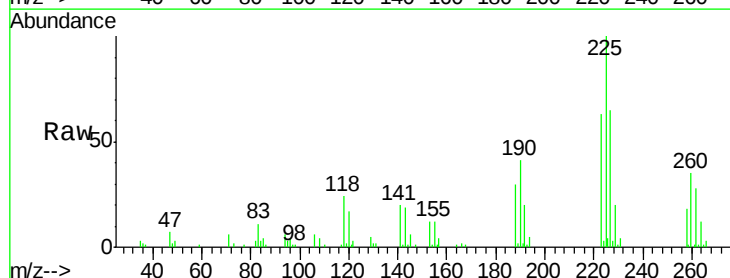
Instrument :
BNA_F
ClientSampleId :
PB82420BS

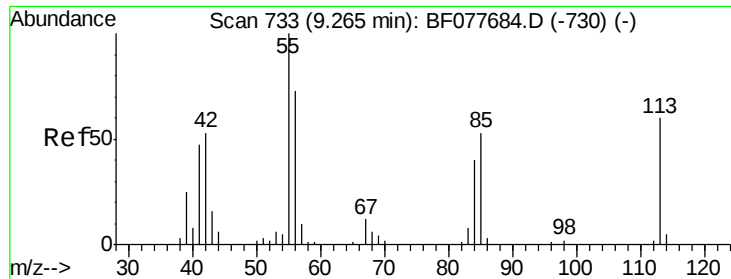
Tot Ion:	127	Resp:	89587
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	30.5	17.6	26.4
92	19.9	13.1	19.7



#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

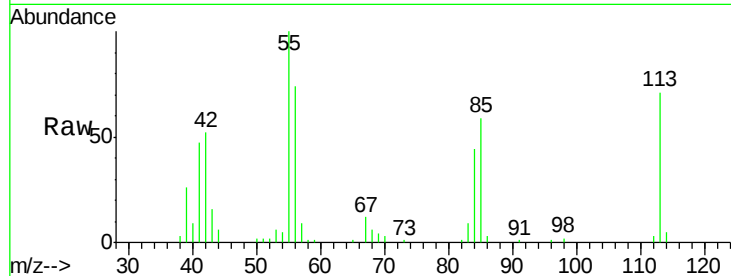




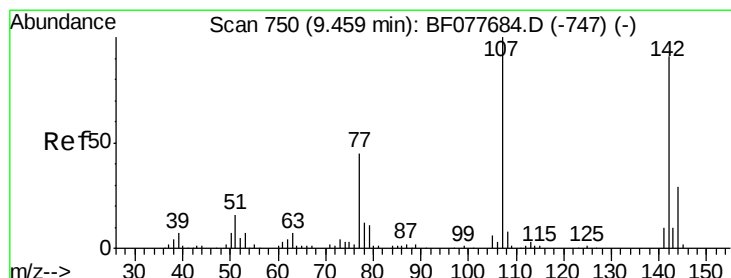
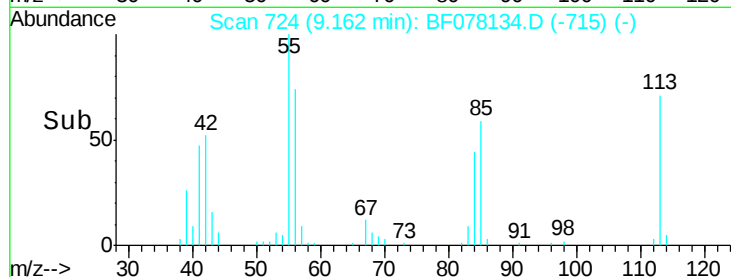
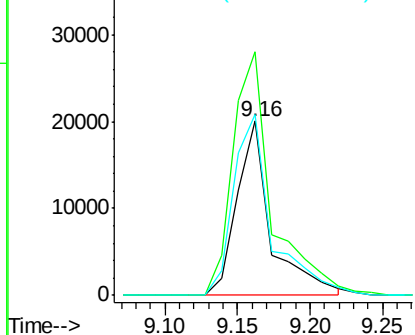
#35
 Caprolactam
 Concen: 44.48 ng
 RT: 9.16 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

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

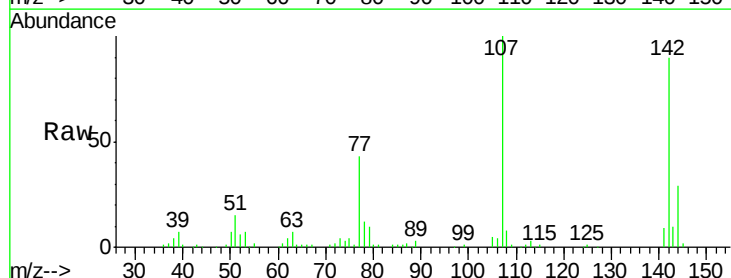


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

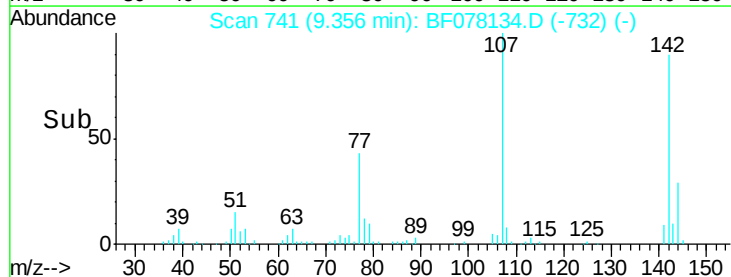
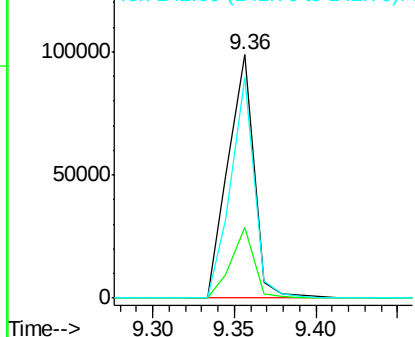


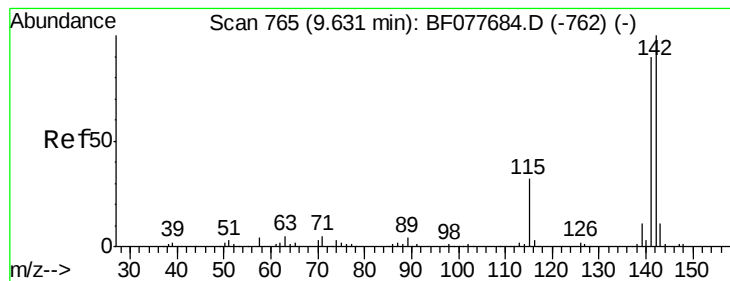
#36
 4-Chloro-3-methylphenol
 Concen: 43.02 ng
 RT: 9.36 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

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

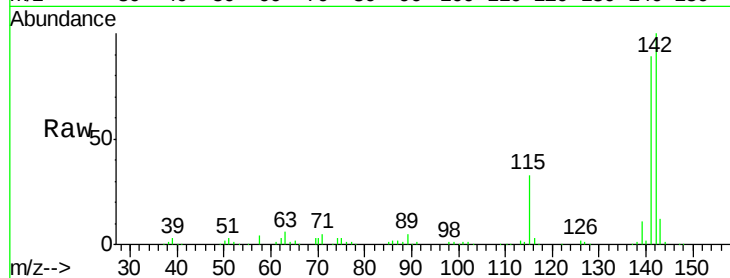
Tot Ion:142 Resp: 254269

Ion Ratio Lower Upper

142 100

141 89.5 71.9 107.9

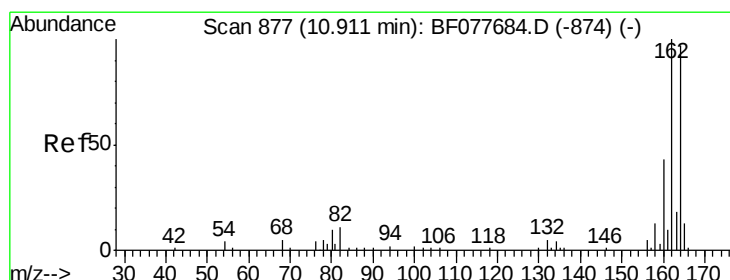
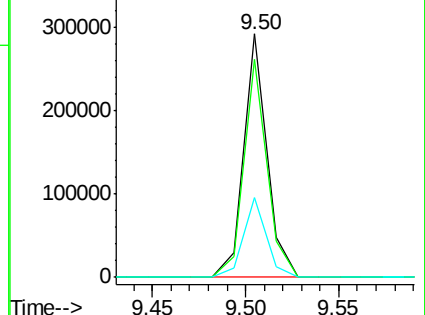
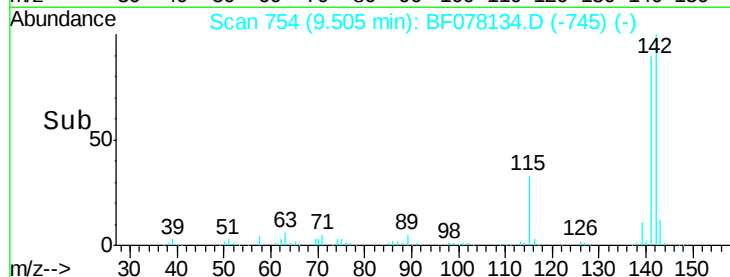
115 32.8 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.79 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF078134.D

Acq: 1 Apr 2015 2:38

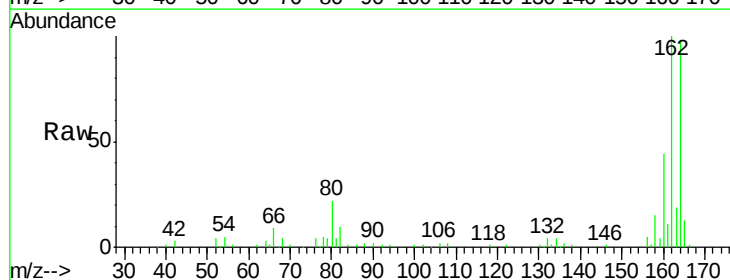
Tgt Ion:164 Resp: 91908

Ion Ratio Lower Upper

164 100

162 102.2 82.4 123.6

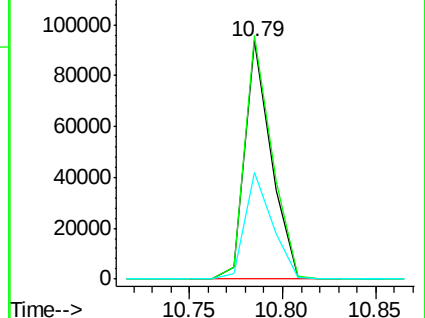
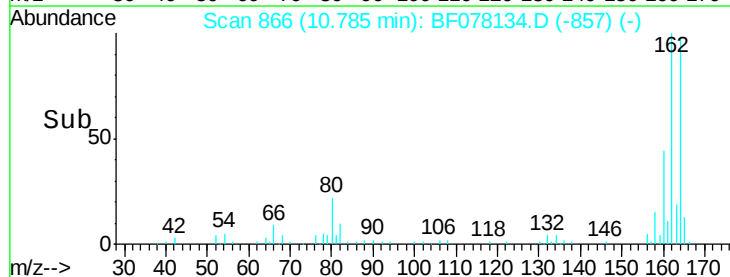
160 44.6 35.8 53.6

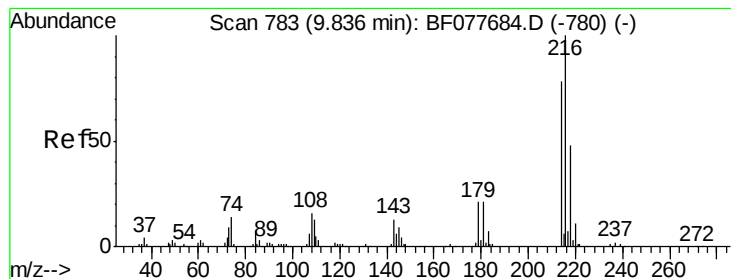


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 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

Tot Ion:216 Resp: 108493

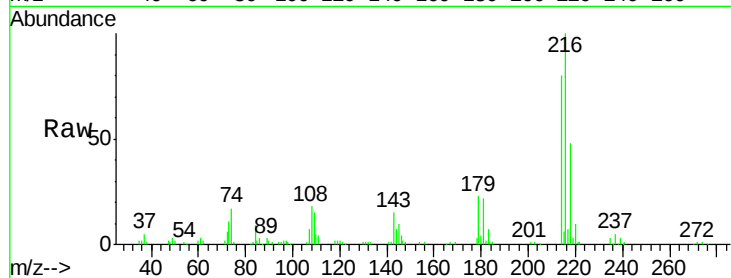
Ion Ratio Lower Upper

216 100

214 79.7 0.0 0.0#

179 21.9 0.0 0.0#

108 20.5 0.0 0.0#

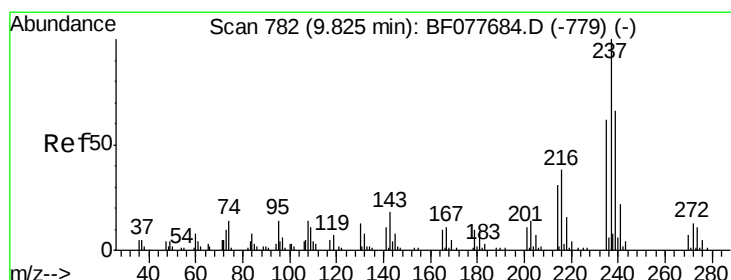
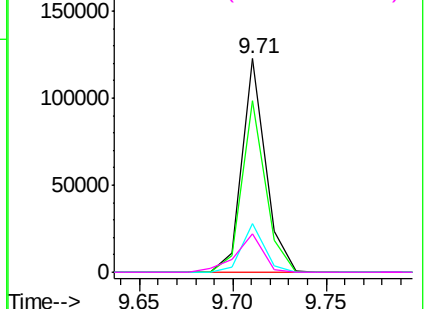
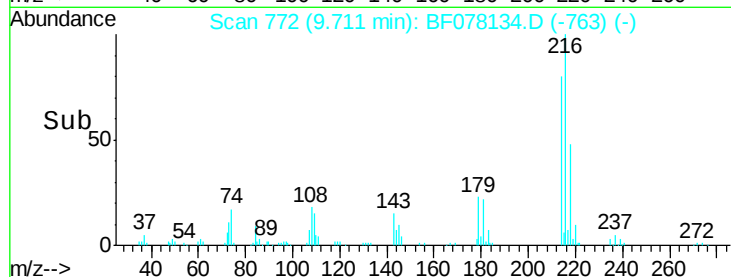


Abundance Ion 216.00 (215.70 to 216.70): E

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

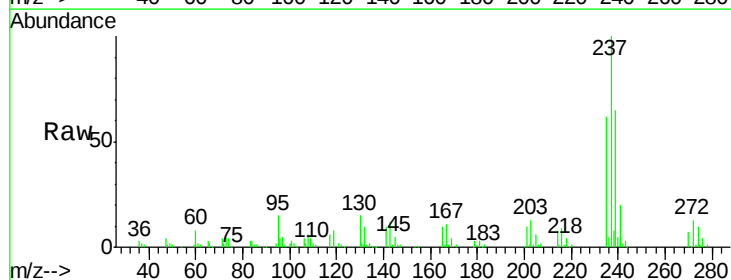
Tgt Ion:237 Resp: 106937

Ion Ratio Lower Upper

237 100

235 62.2 42.0 82.0

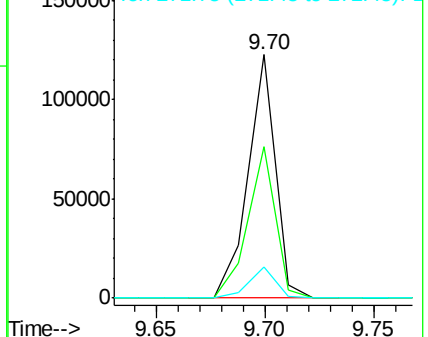
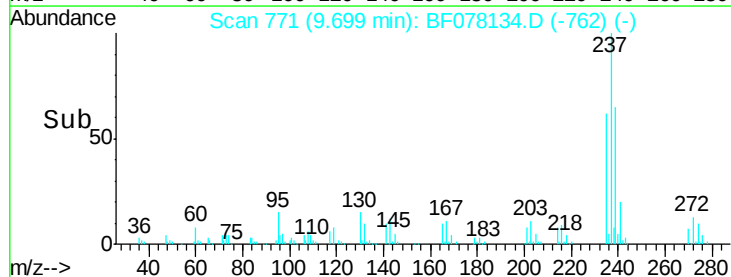
272 12.7 0.0 33.4

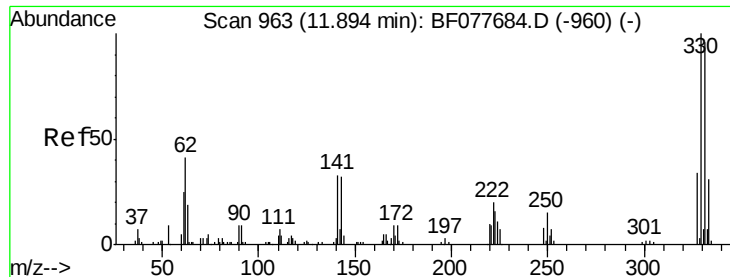


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

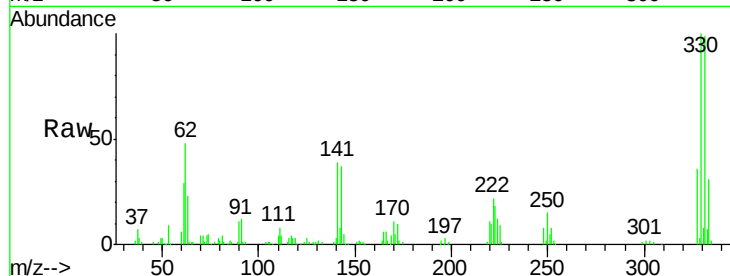




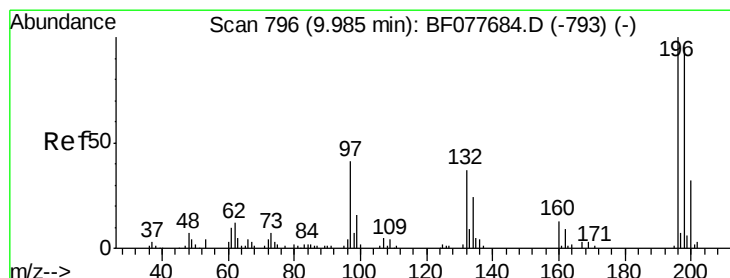
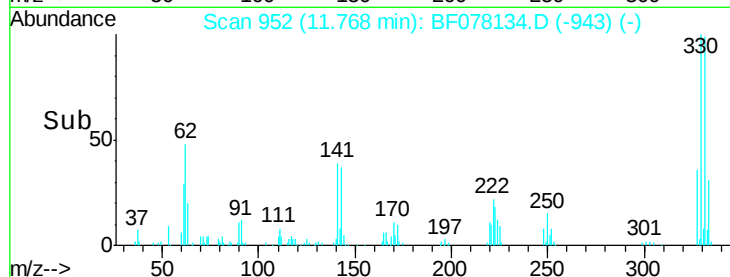
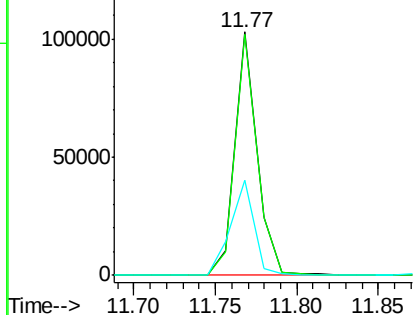
#41
 2,4,6-Tribromophenol
 Concen: 110.10 ng
 RT: 11.77 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

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

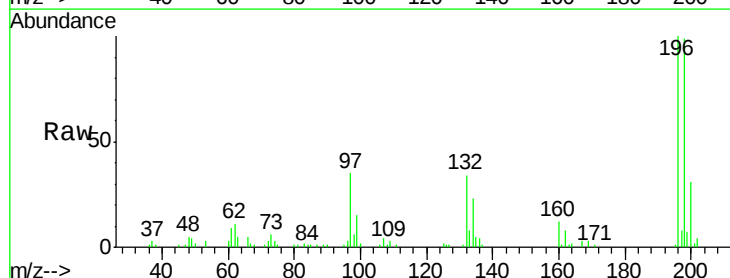


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

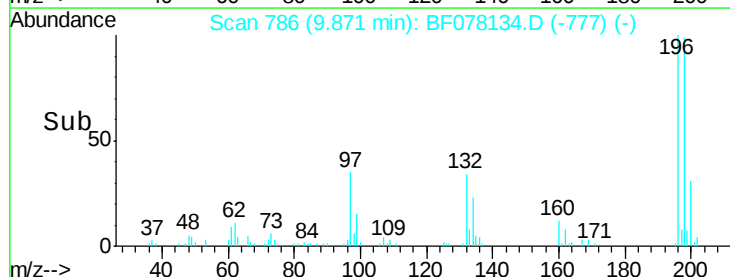
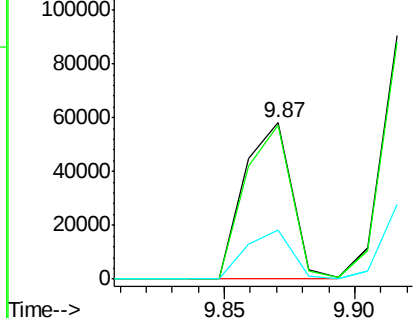


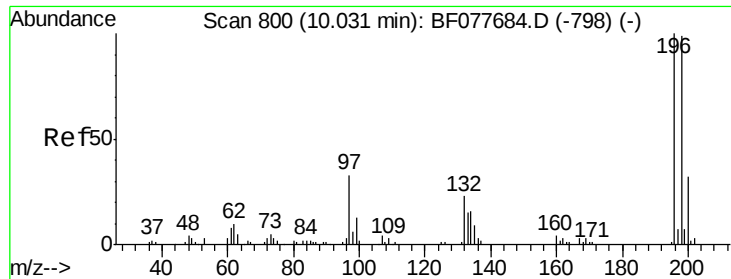
#42
 2,4,6-Trichlorophenol
 Concen: 38.65 ng
 RT: 9.87 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

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

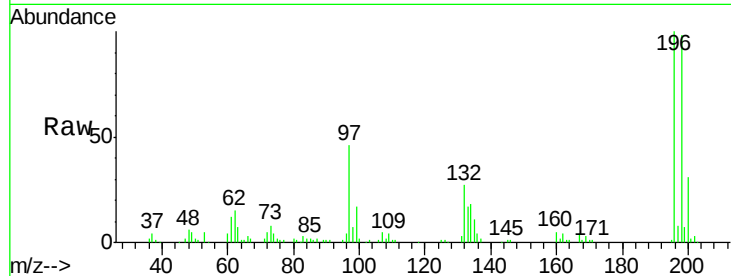




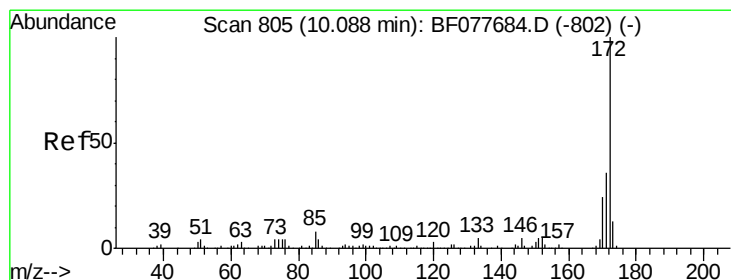
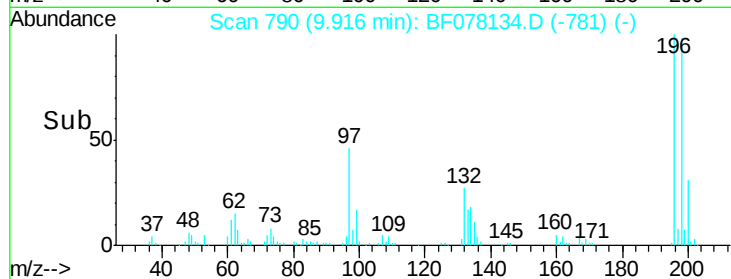
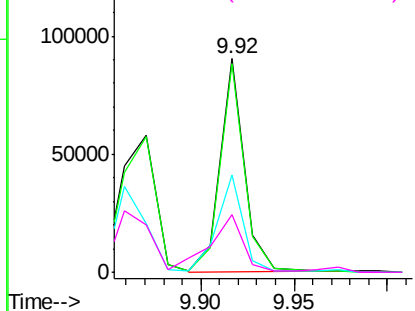
#43
 2,4,5-Trichlorophenol
 Concen: 40.14 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot 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

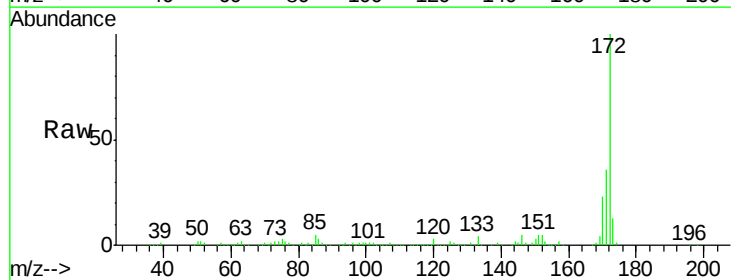


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

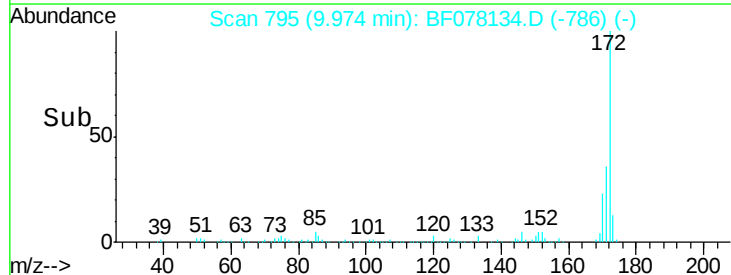
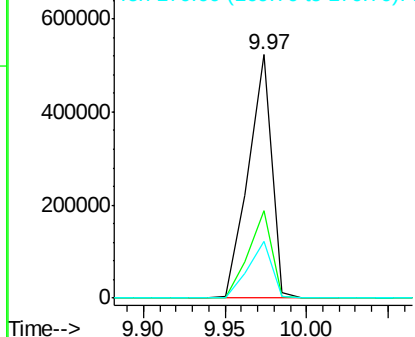


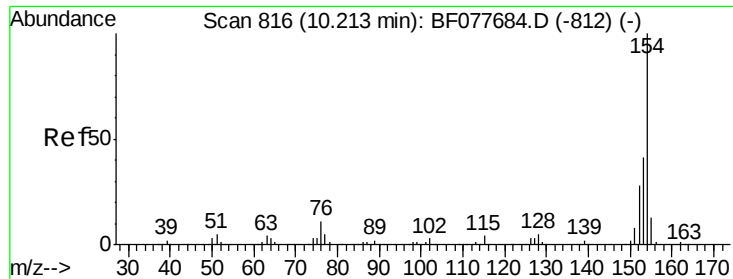
#44
 2-Fluorobiphenyl
 Concen: 83.06 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

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

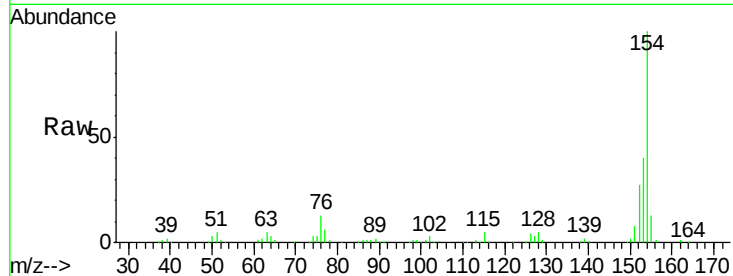
Tot Ion:154 Resp: 308185

Ion Ratio Lower Upper

154 100

153 39.6 20.7 60.7

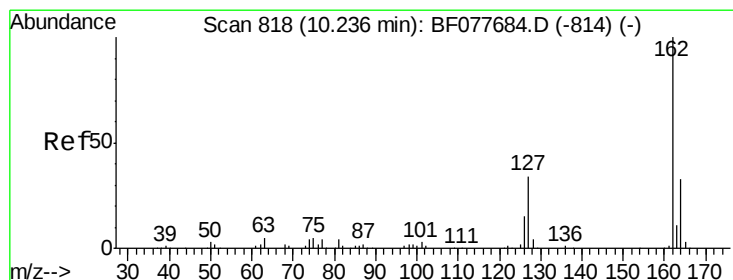
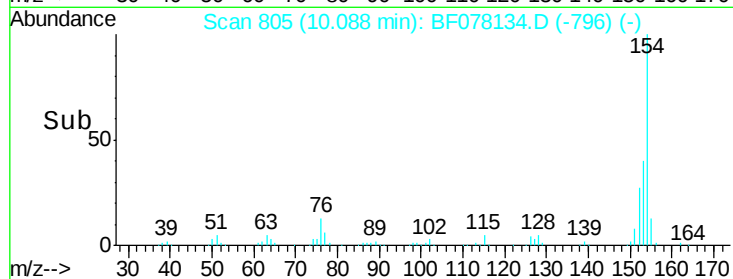
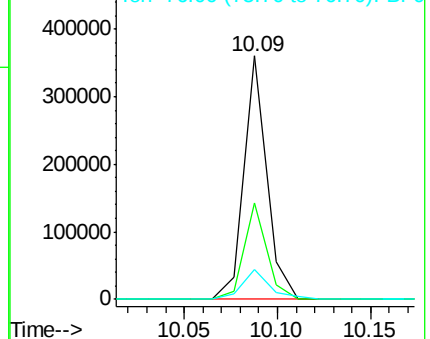
76 12.5 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 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

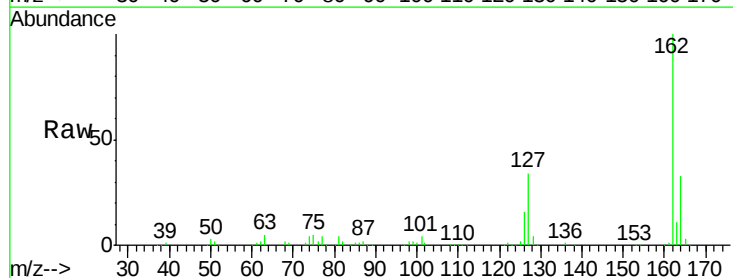
Tgt Ion:162 Resp: 242250

Ion Ratio Lower Upper

162 100

127 33.8 26.9 40.3

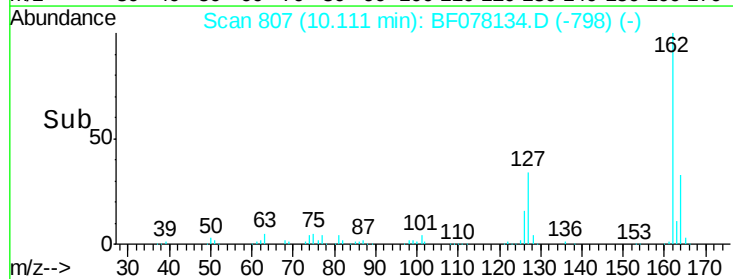
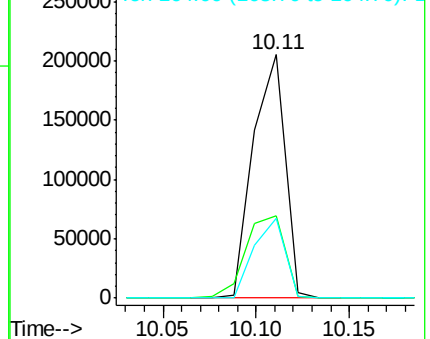
164 32.8 26.8 40.2

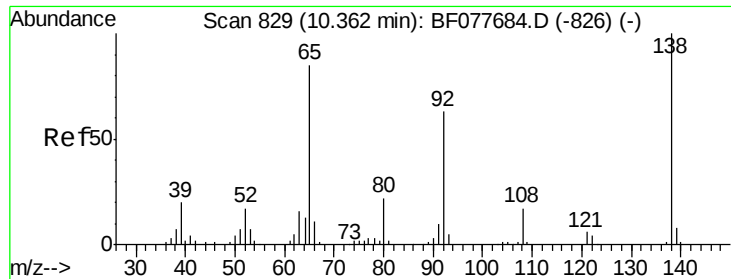


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

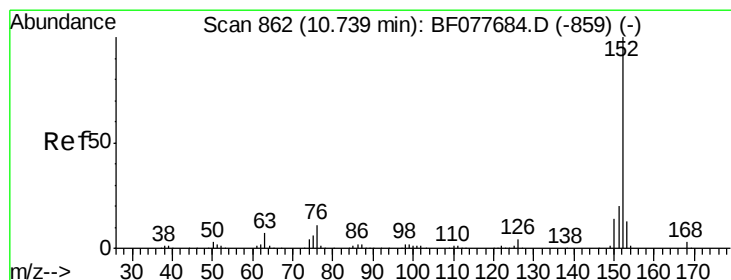
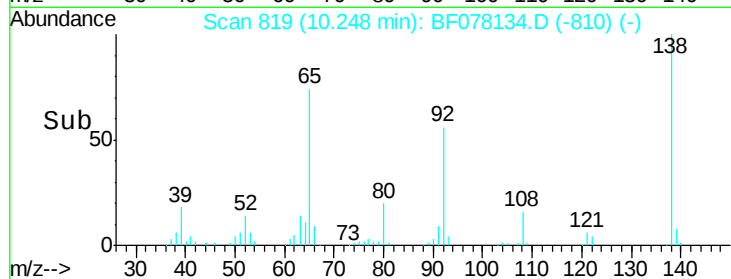
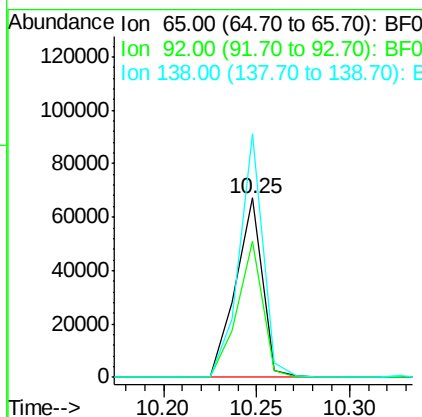
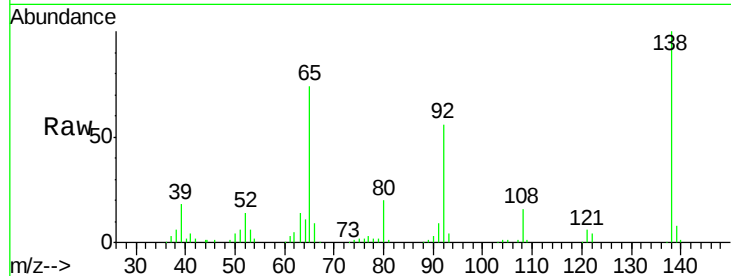




#47
 2-Nitroaniline
 Concen: 45.54 ng
 RT: 10.25 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

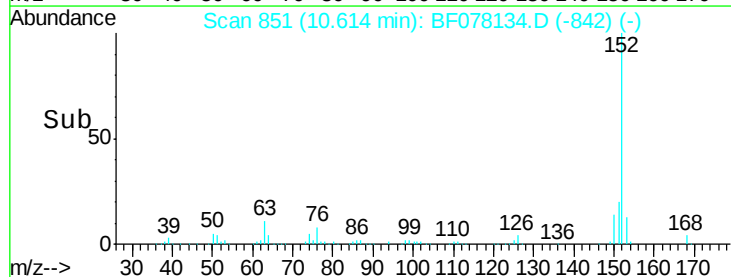
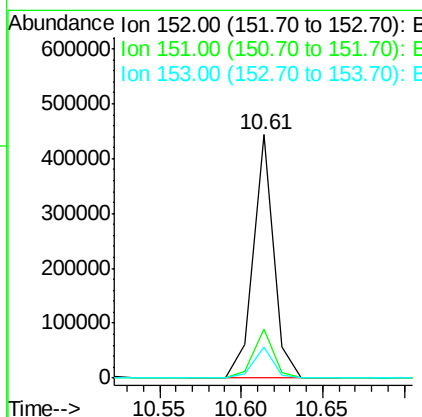
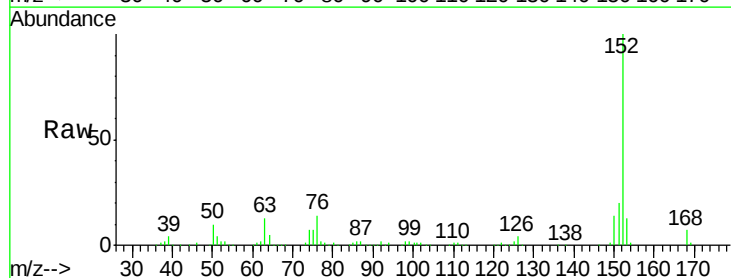
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

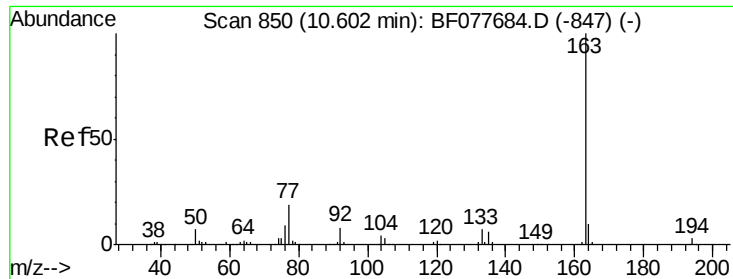
Tot Ion: 65 Resp: 67536
 Ion Ratio Lower Upper
 65 100
 92 76.0 59.1 88.7
 138 135.6 93.9 140.9



#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

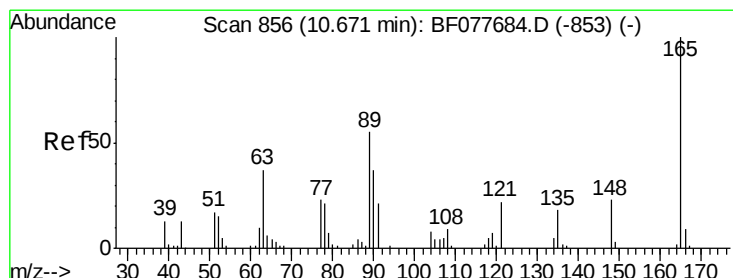
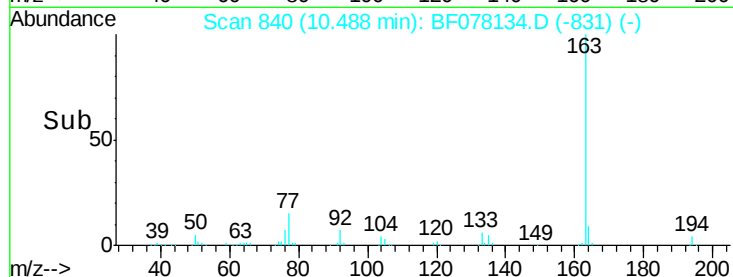
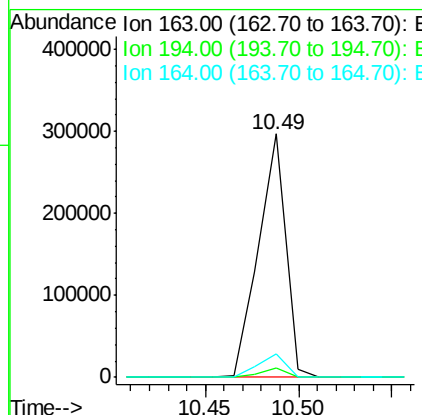
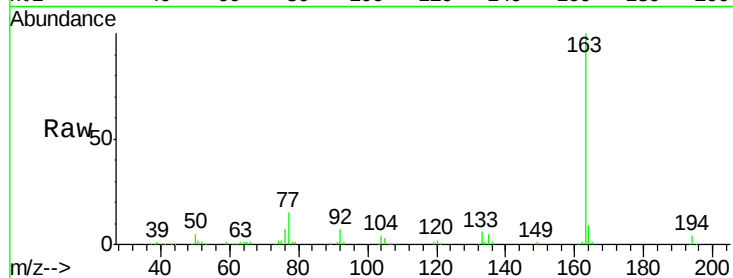




#49
Dimethylphthalate
Concen: 43.83 ng
RT: 10.49 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

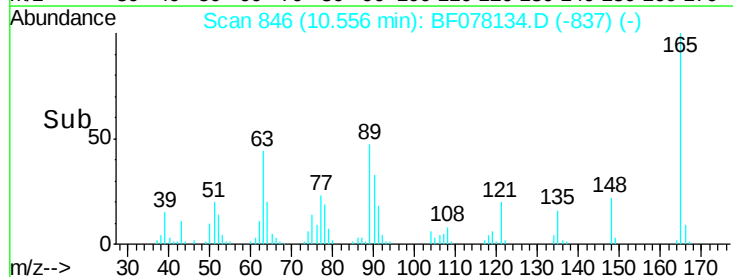
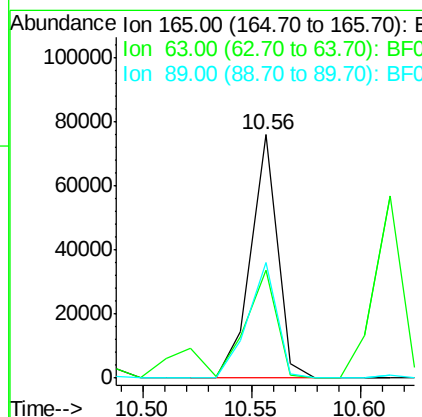
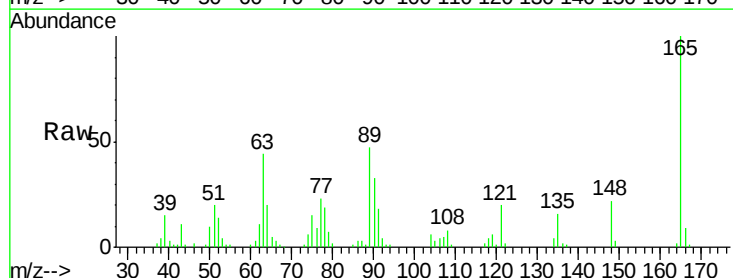
Instrument :
BNA_F
ClientSampleId :
PB82420BS

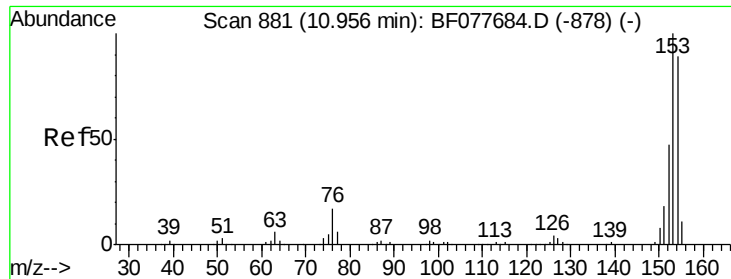
Tot Ion:163 Resp: 298799
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.5 8.2 12.2



#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





#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

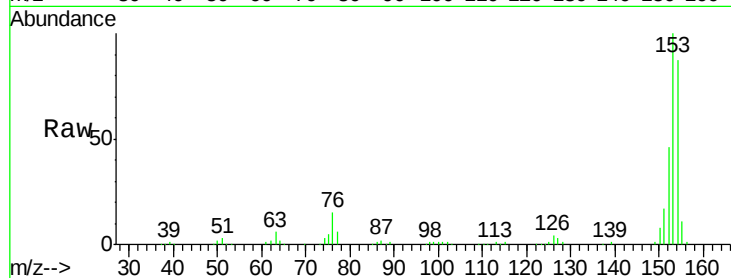
Tot Ion:154 Resp: 222876

Ion Ratio Lower Upper

154 100

153 114.9 90.0 135.0

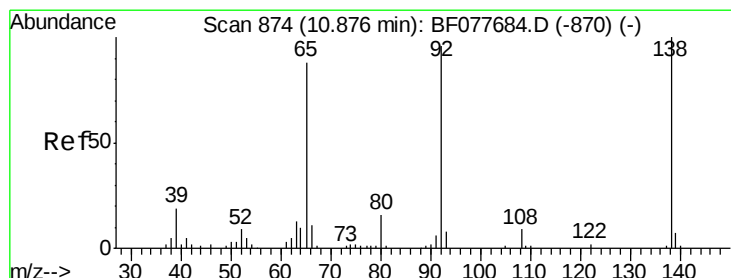
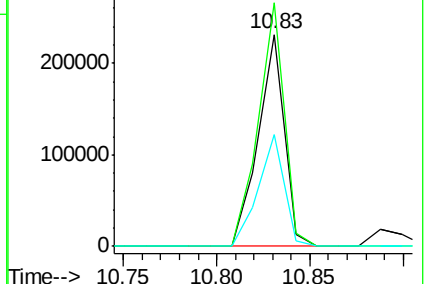
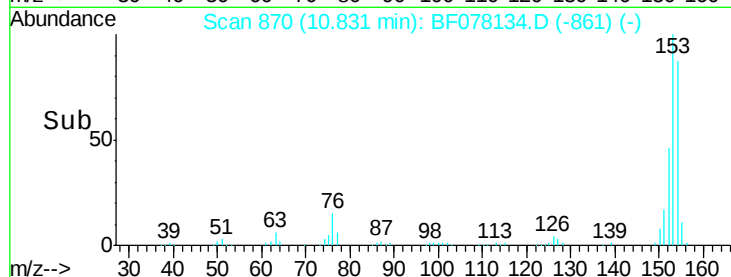
152 53.0 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 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

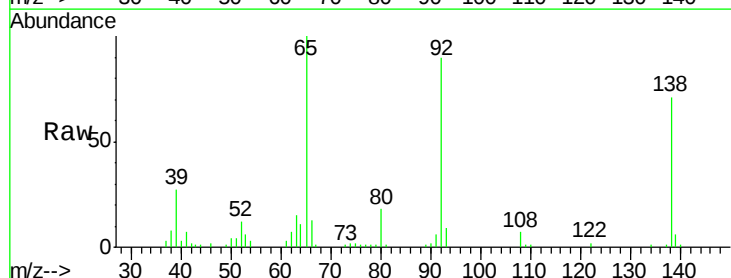
Tgt Ion:138 Resp: 47909

Ion Ratio Lower Upper

138 100

108 10.5 7.3 10.9

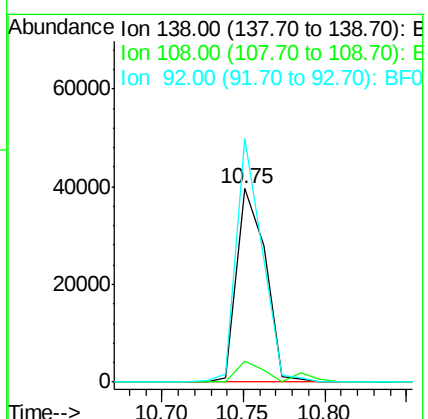
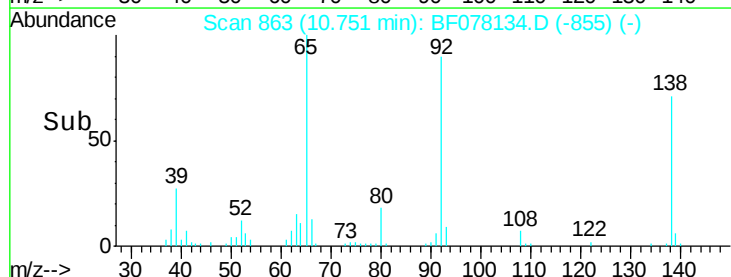
92 125.8 76.6 114.8#

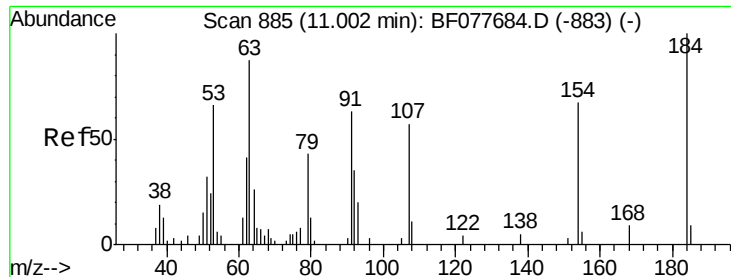


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

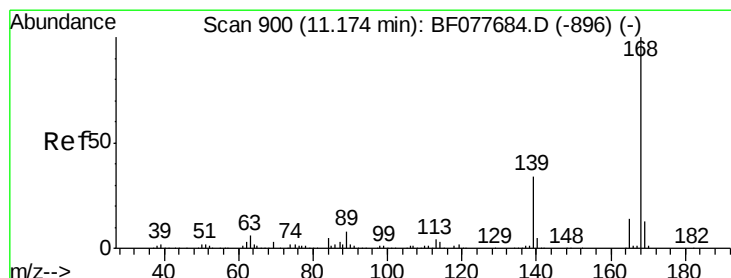
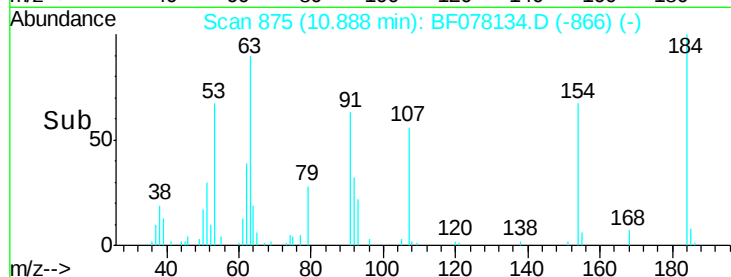
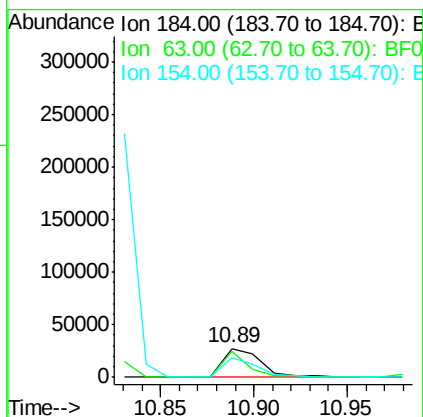
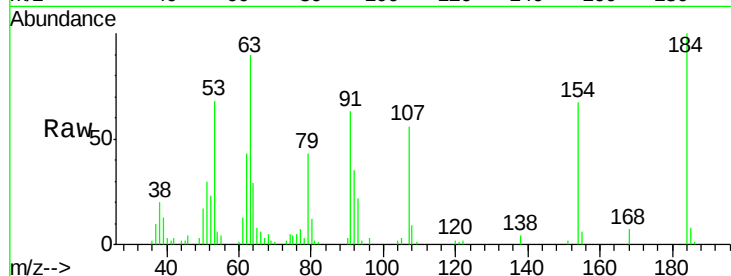




#53
 2,4-Dinitrophenol
 Concen: 76.45 ng
 RT: 10.89 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

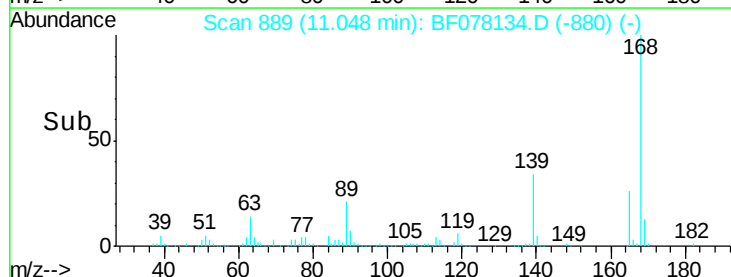
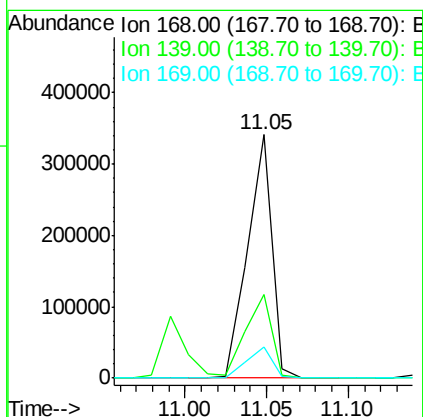
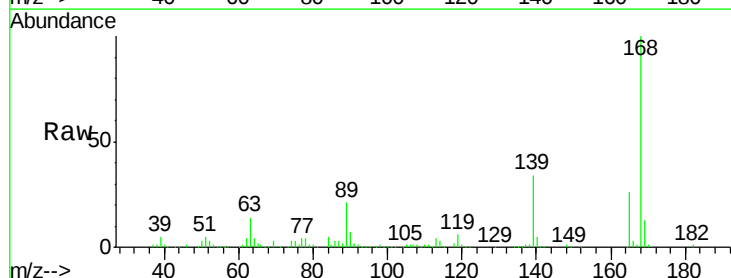
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

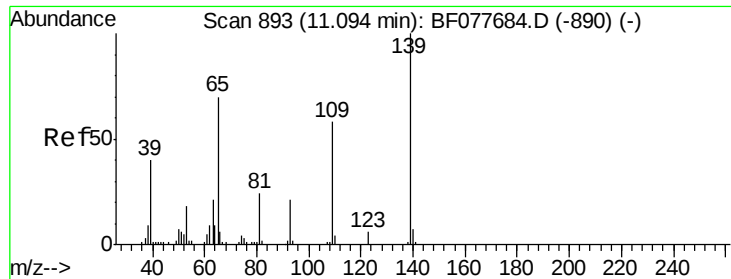
Tot Ion:184 Resp: 39477
 Ion Ratio Lower Upper
 184 100
 63 89.9 69.2 103.8
 154 66.5 53.3 79.9



#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

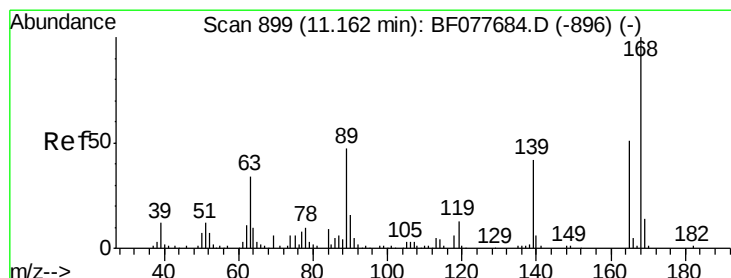
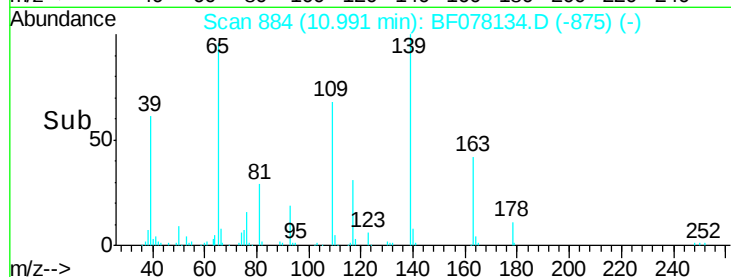
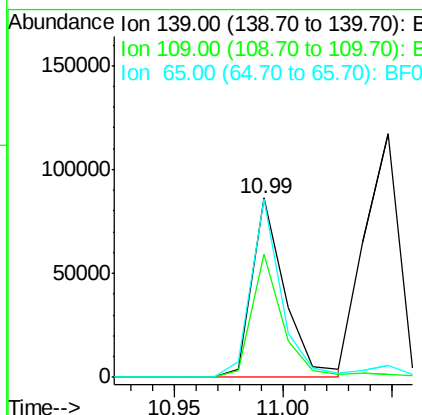
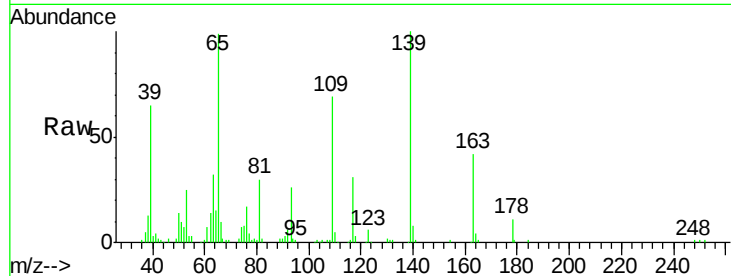




#55
4-Nitrophenol
Concen: 75.01 ng
RT: 10.99 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

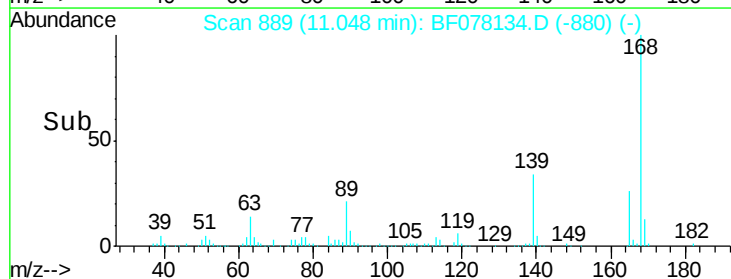
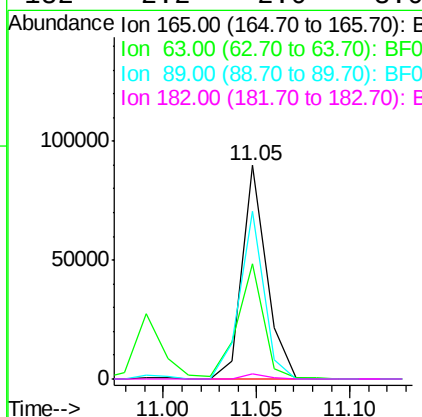
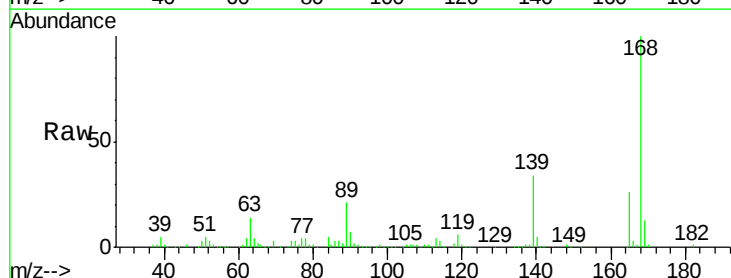
Instrument :
BNA_F
ClientSampleId :
PB82420BS

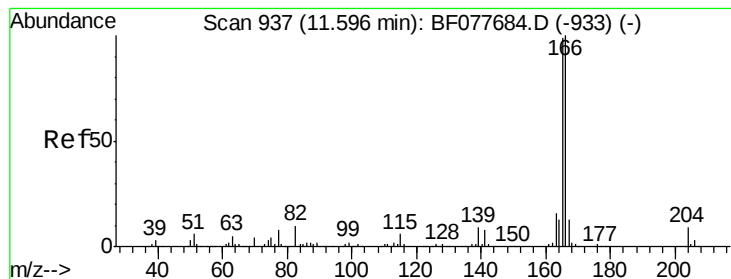
Tot Ion:139 Resp: 91184
Ion Ratio Lower Upper
139 100
109 68.8 37.7 77.7
65 99.1 49.9 89.9#



#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

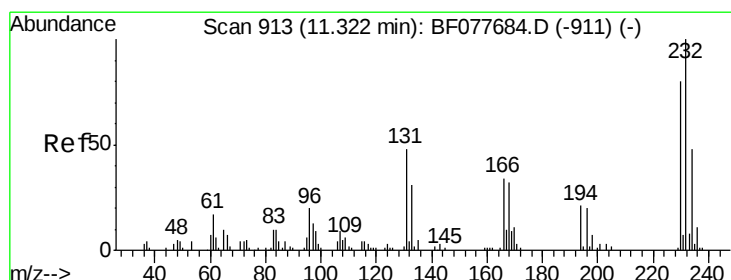
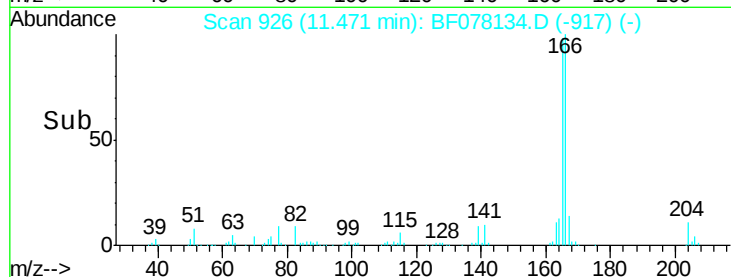
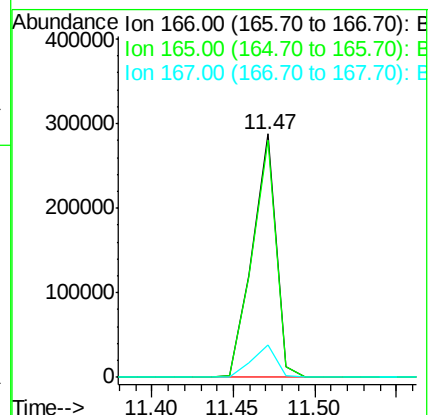
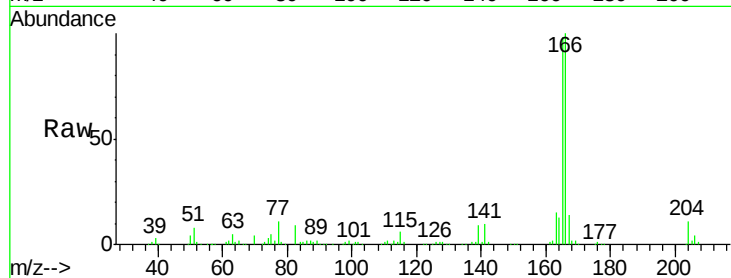
Tot Ion:166 Resp: 289424

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

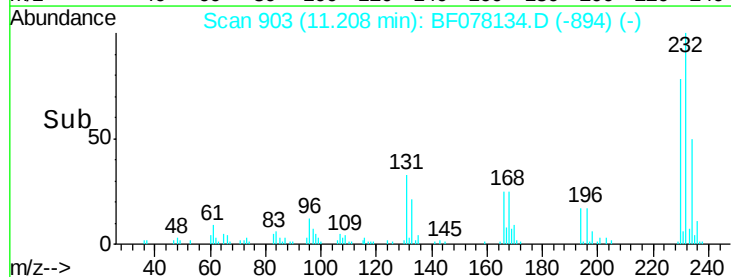
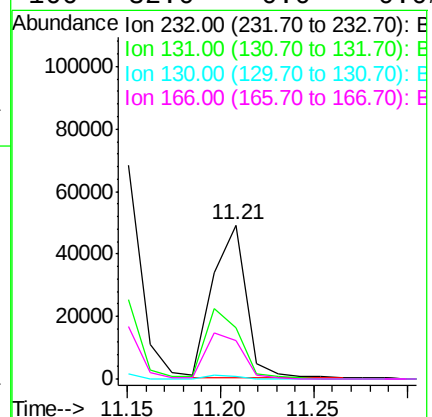
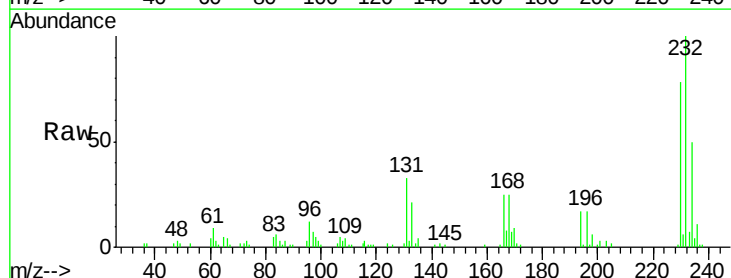
Ion Ratio Lower Upper

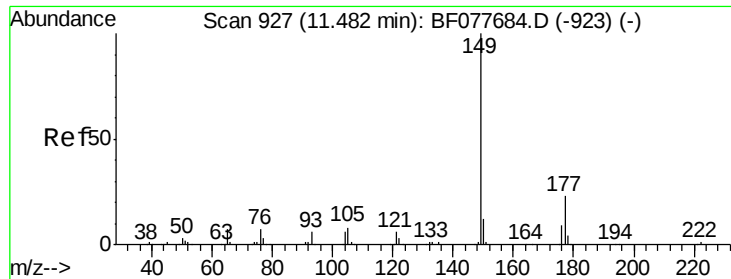
232 100

131 48.3 0.0 0.0#

130 2.2 0.0 0.0#

166 32.0 0.0 0.0#

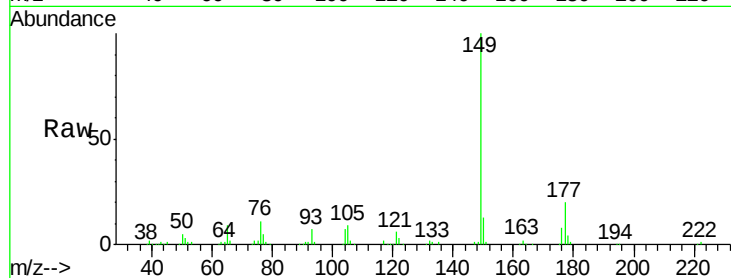




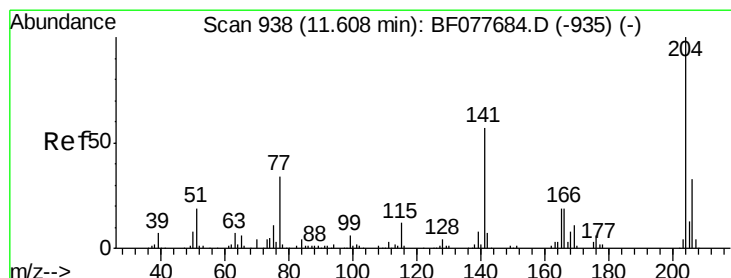
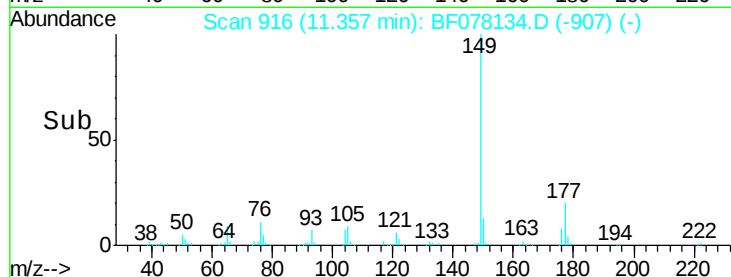
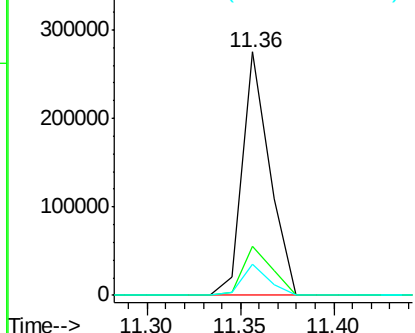
#59
Diethylphthalate
Concen: 41.95 ng
RT: 11.36 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion:149 Resp: 278637
Ion Ratio Lower Upper
149 100
177 20.4 18.3 27.5
150 12.7 9.8 14.8

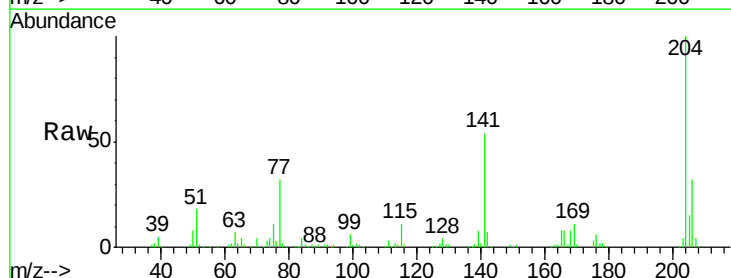


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

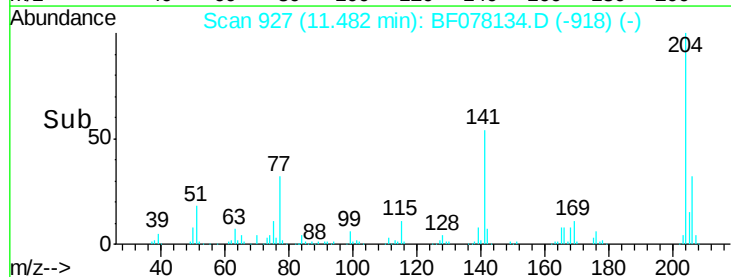
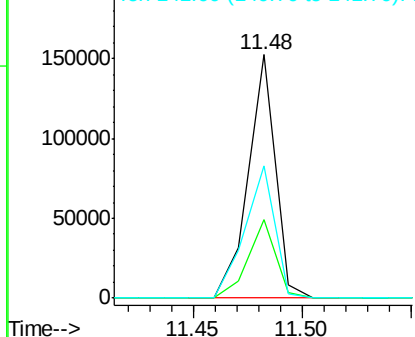


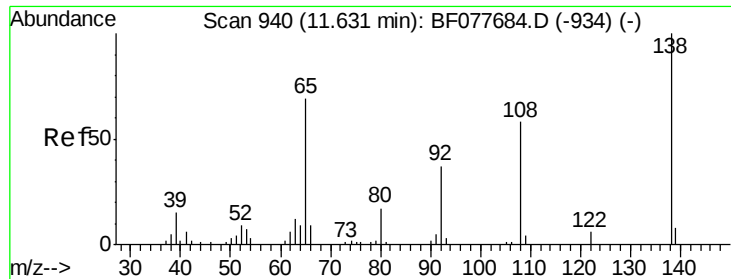
#60
4-Chlorophenyl-phenylether
Concen: 41.27 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

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

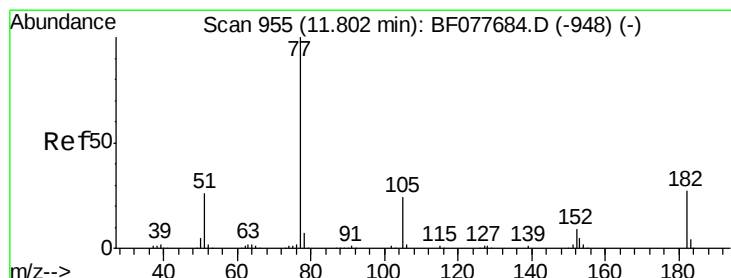
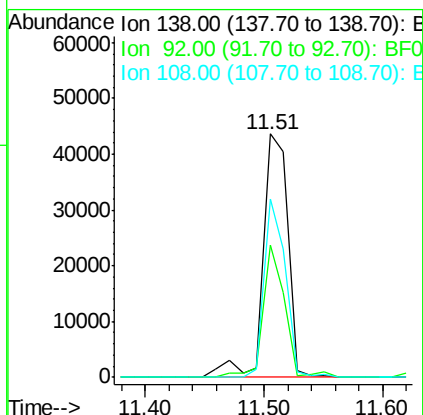
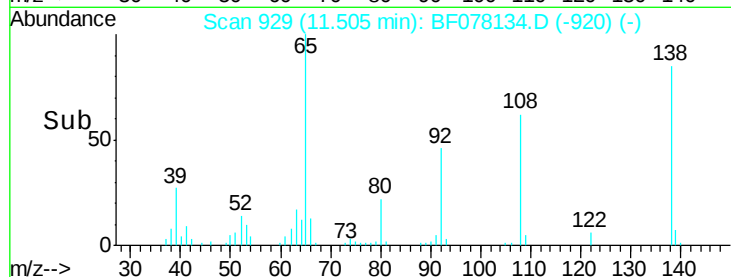
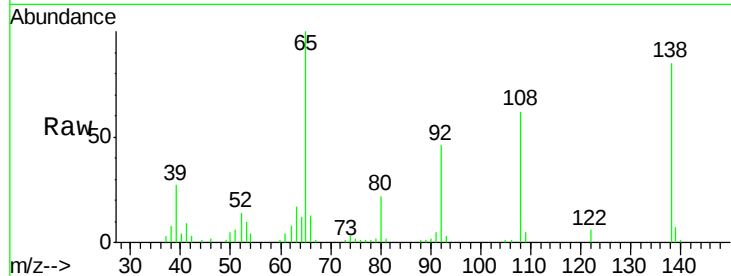




#61
4-Nitroaniline
Concen: 39.15 ng
RT: 11.51 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

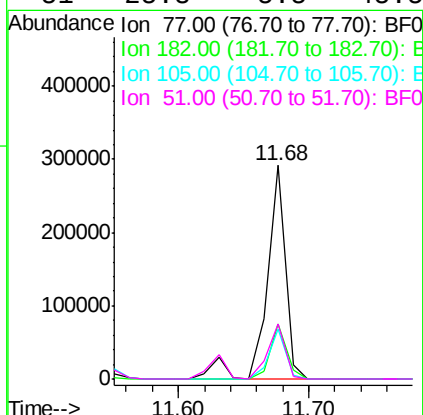
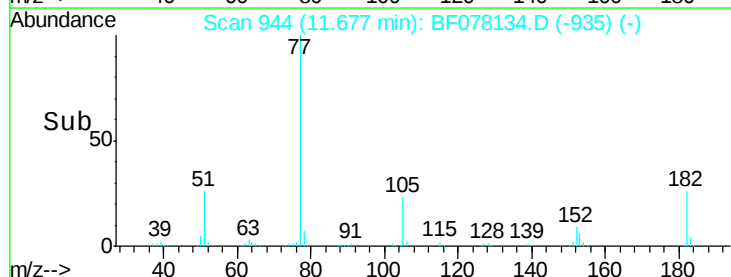
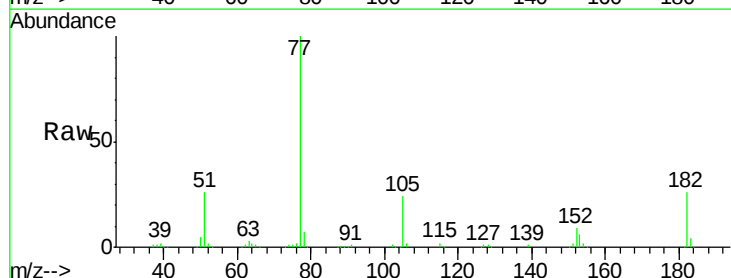
Instrument :
BNA_F
ClientSampleId :
PB82420BS

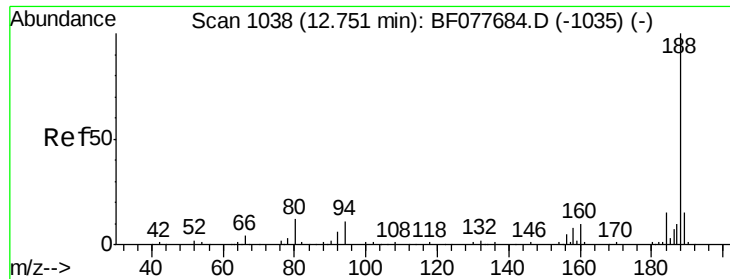
Tot Ion:138 Resp: 64033
Ion Ratio Lower Upper
138 100
92 54.5 16.7 56.7
108 73.3 37.6 77.6



#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

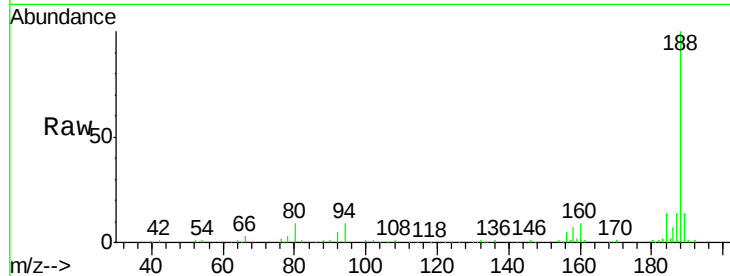




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Instrument :
BNA_F
ClientSampleId :
PB82420BS

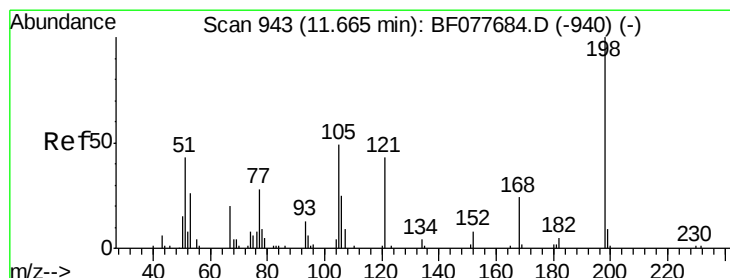
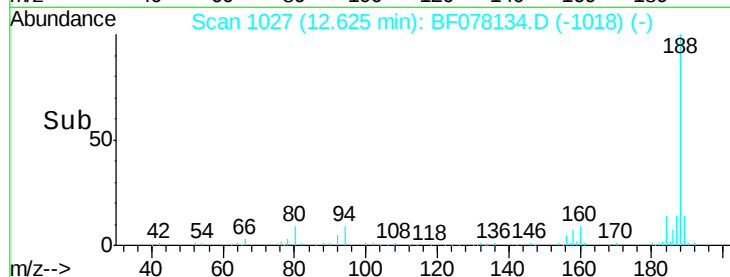
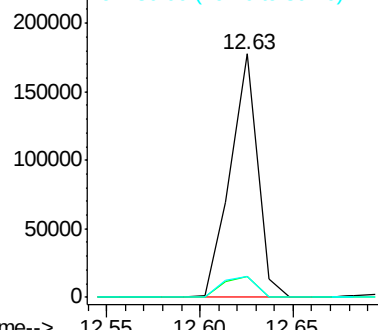
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.7	13.1
80	8.5	9.3	13.9



Abundance Ion 188.00 (187.70 to 188.70): E

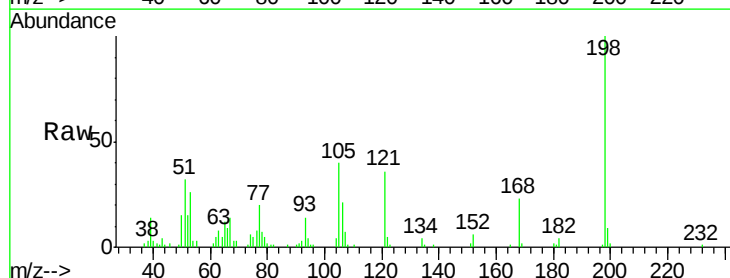
Ion 94.00 (93.70 to 94.70): BF0

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

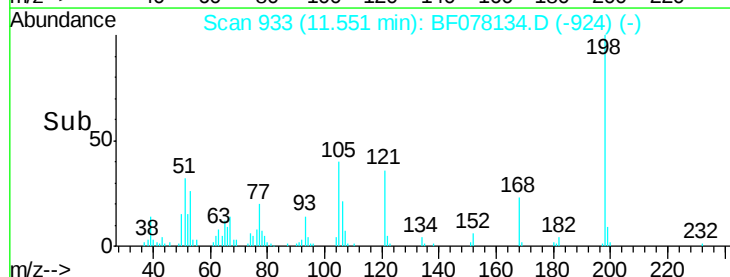
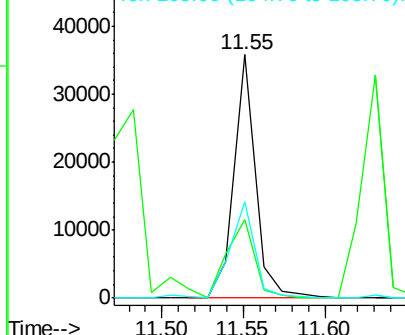
Tgt Ion	Ratio	Lower	Upper
198	100		
51	32.2	28.8	68.8
105	39.9	30.5	70.5

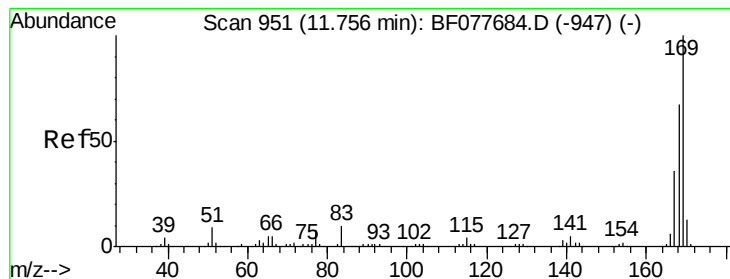


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

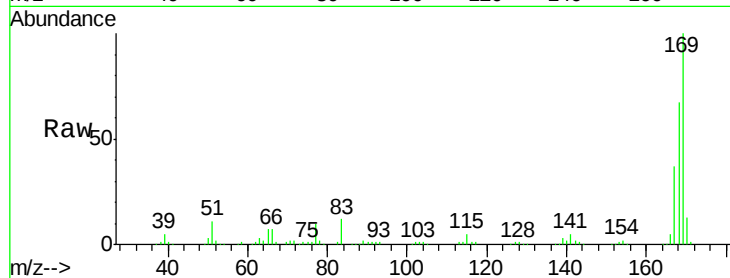




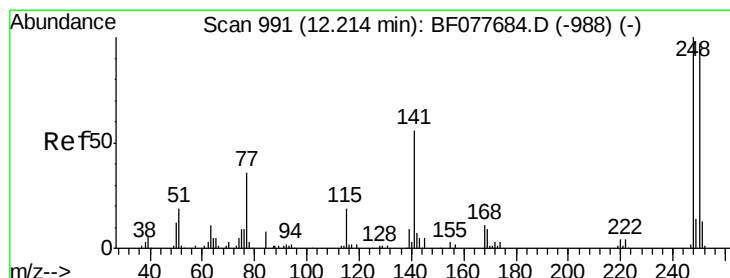
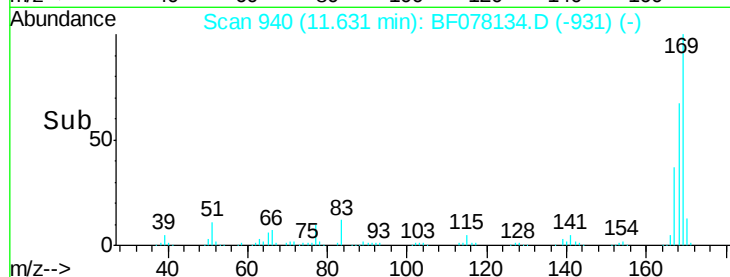
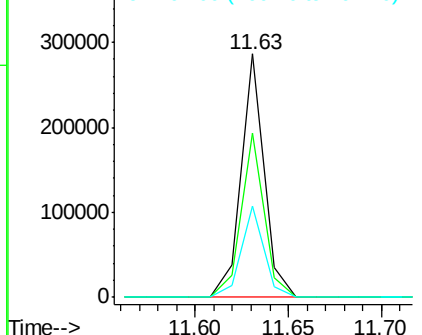
#65
 n-Nitrosodiphenylamine
 Concen: 41.46 ng
 RT: 11.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

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

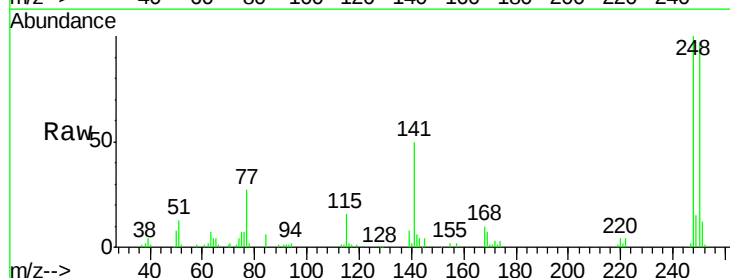


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

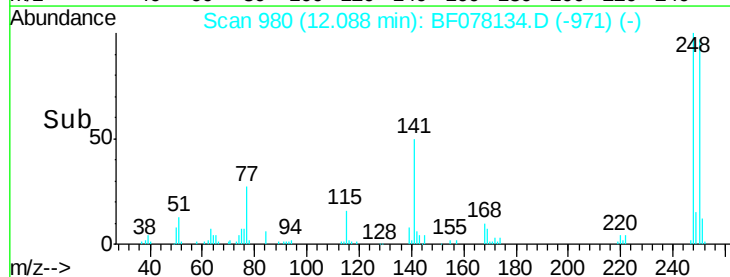
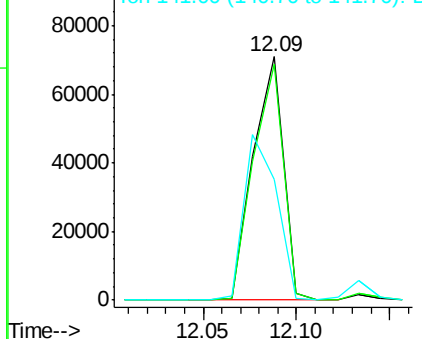


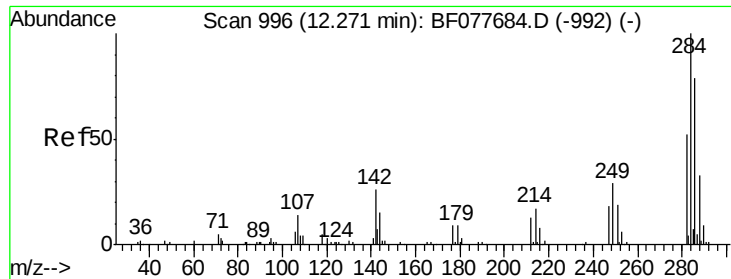
#66
 4-Bromophenyl-phenylether
 Concen: 41.34 ng
 RT: 12.09 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

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

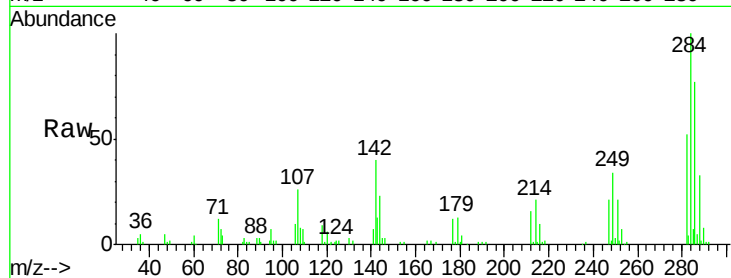
Tot Ion:284 Resp: 83406

Ion Ratio Lower Upper

284 100

142 40.5 20.4 30.6#

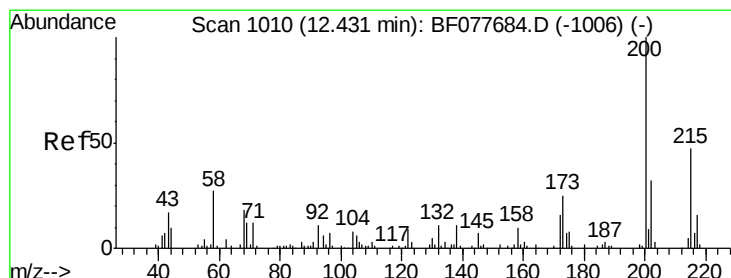
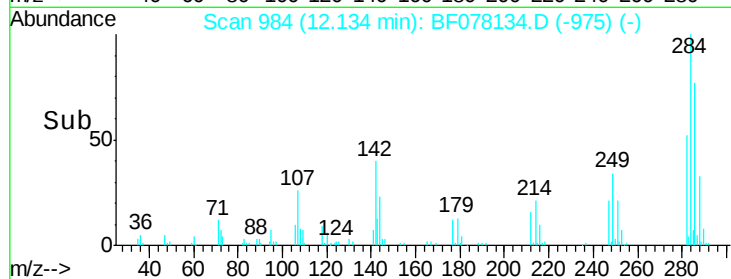
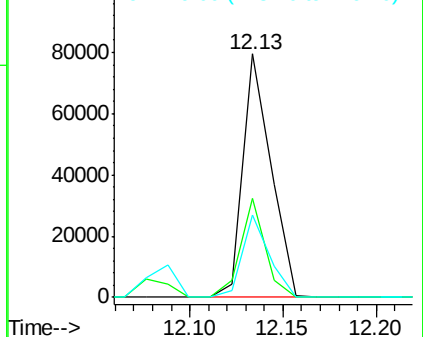
249 34.0 23.8 35.6



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

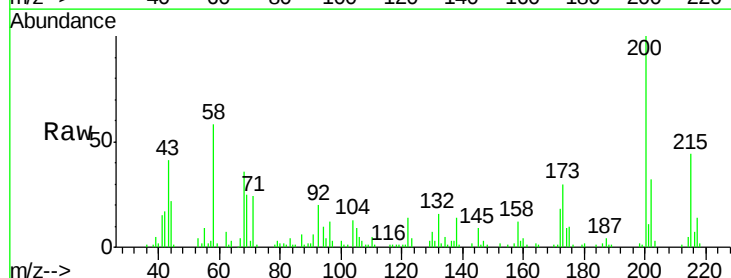
Tgt Ion:200 Resp: 74329

Ion Ratio Lower Upper

200 100

173 30.4 4.8 44.8

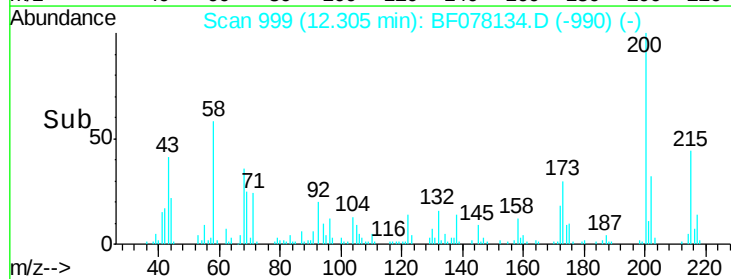
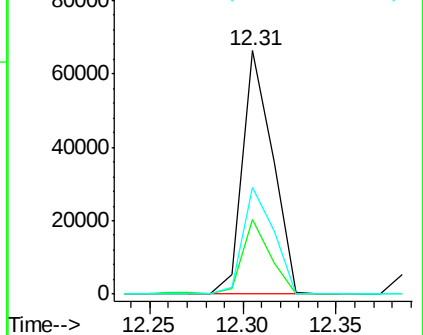
215 43.8 26.9 66.9

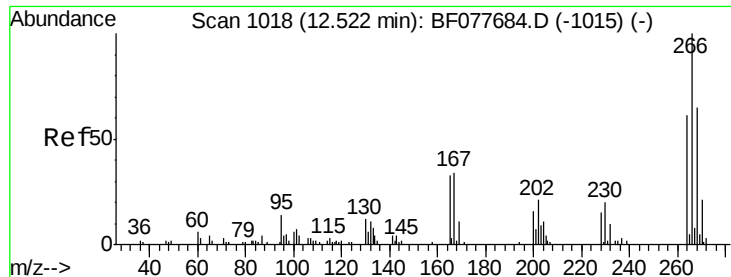


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

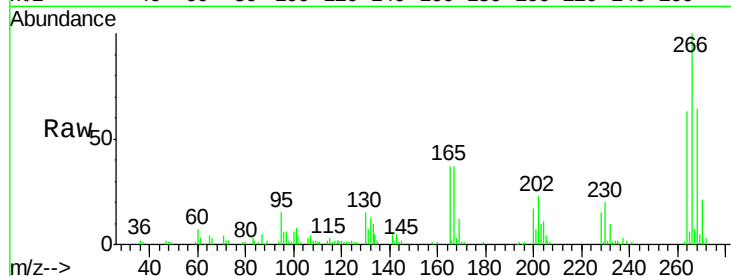




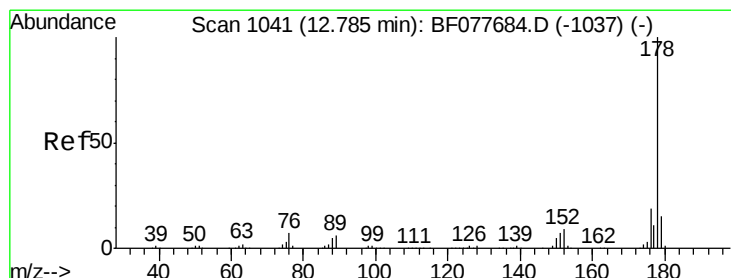
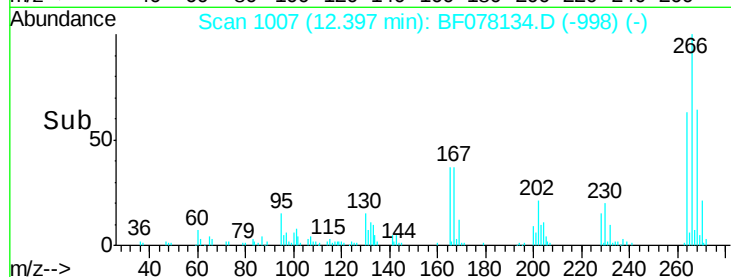
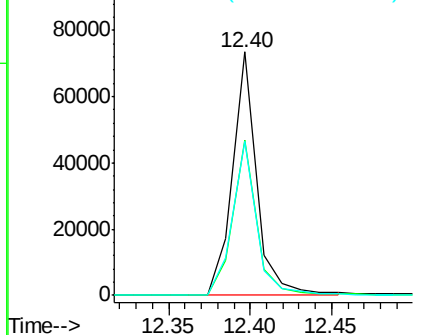
#69
 Pentachlorophenol
 Concen: 69.07 ng
 RT: 12.40 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.0	78.0
264	63.2	49.0	73.4

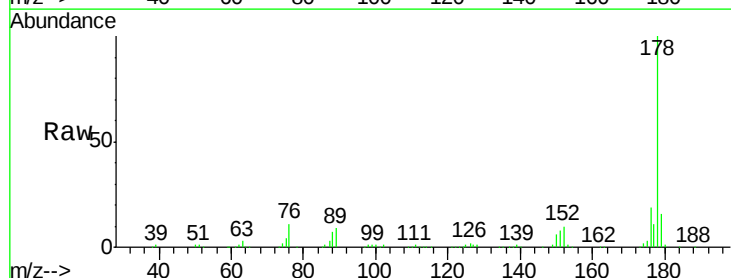


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

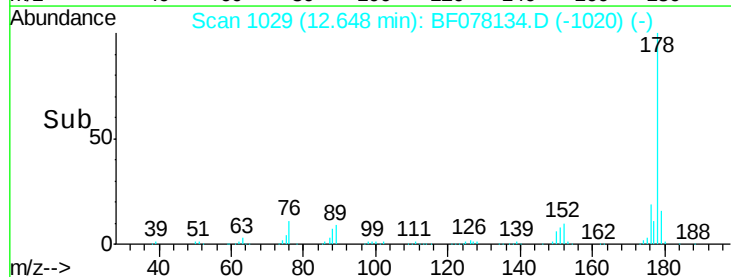
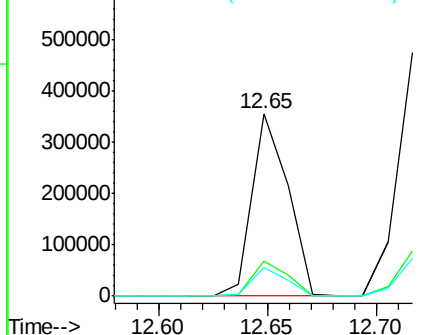


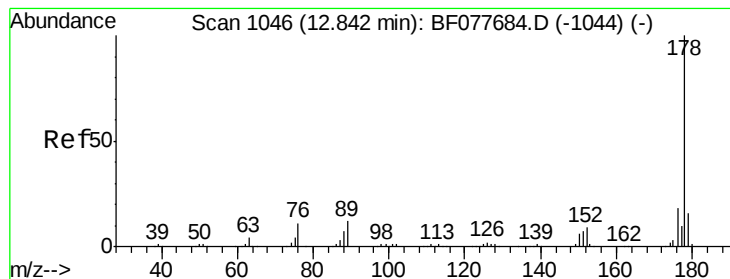
#70
 Phenanthrene
 Concen: 39.81 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Tgt Ion	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

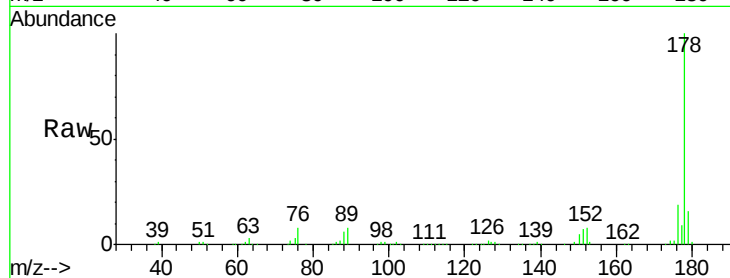
Tot Ion:178 Resp: 429667

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 15.7 12.6 19.0

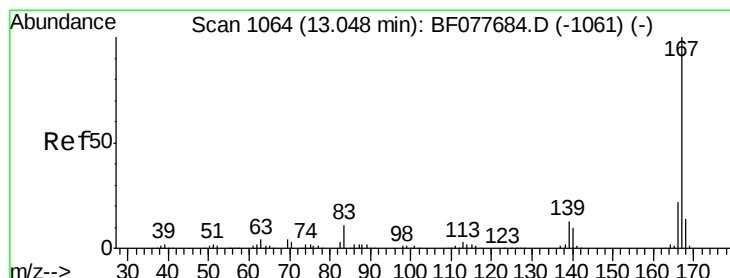
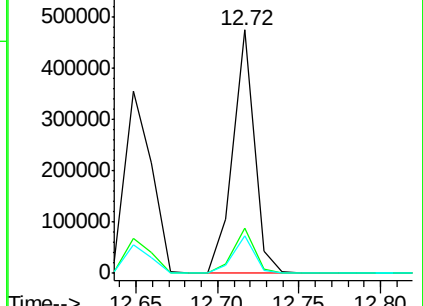
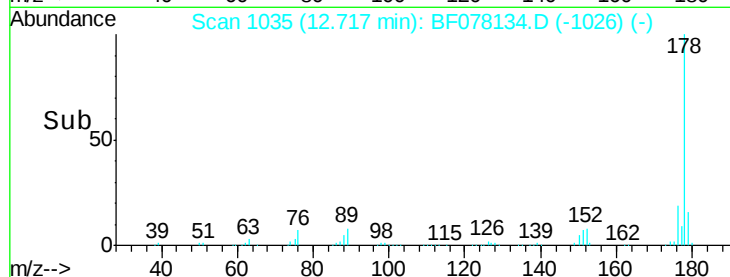


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

12.72



#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

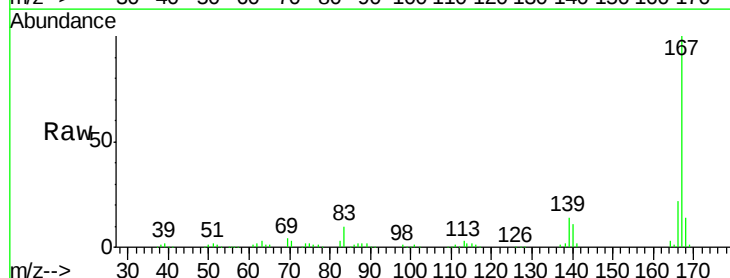
Tgt Ion:167 Resp: 388477

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.6 10.8 16.2

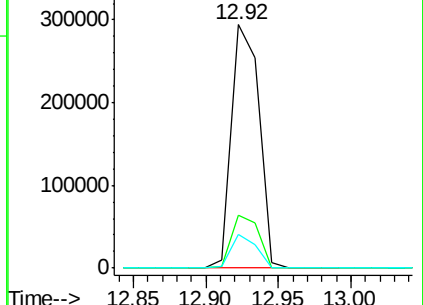
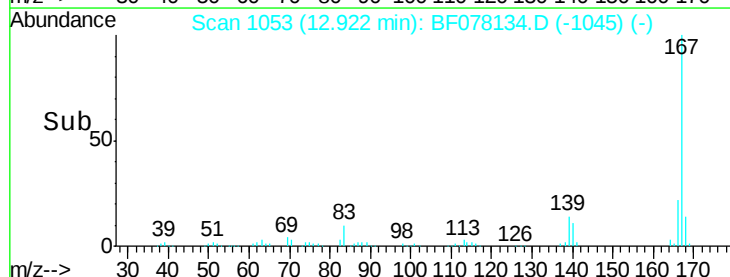


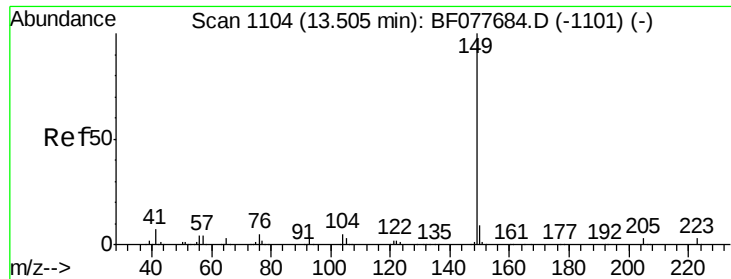
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

12.92

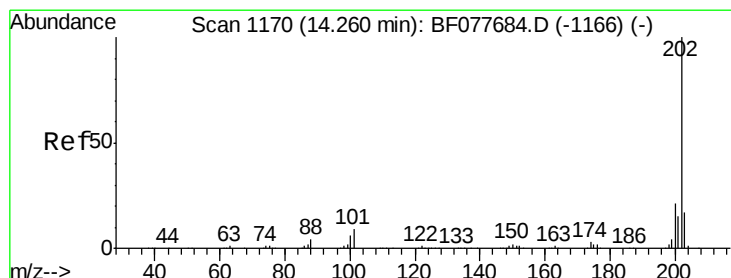
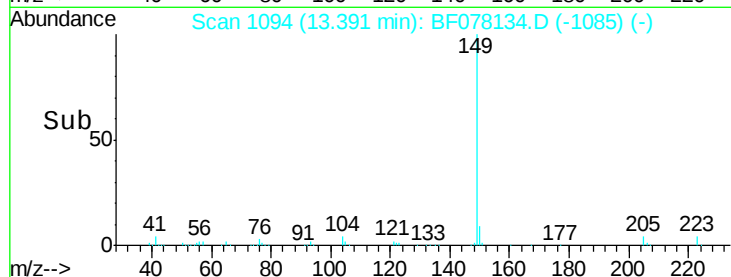
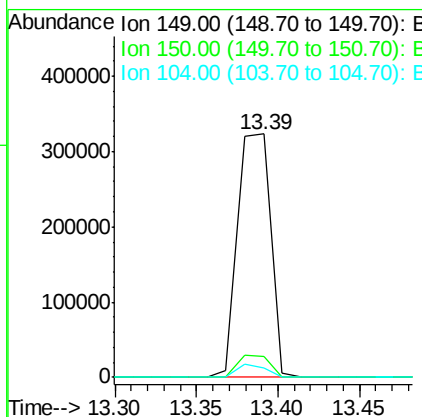
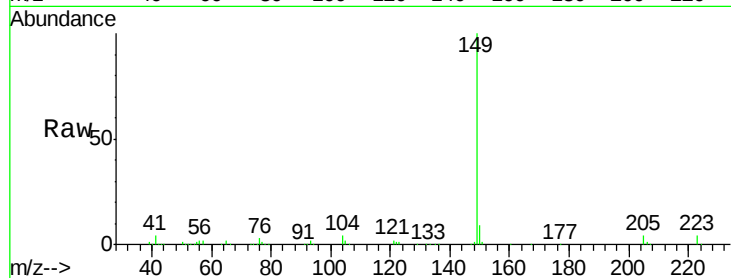




#73
Di-n-butylphthalate
Concen: 41.67 ng
RT: 13.39 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

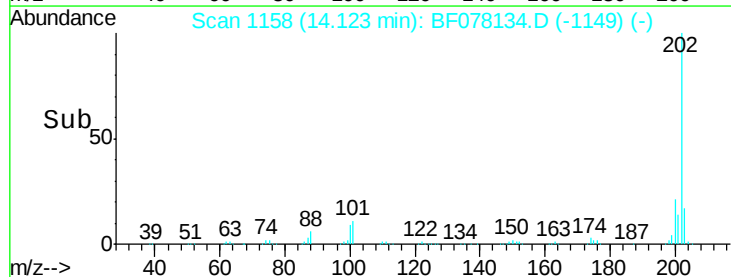
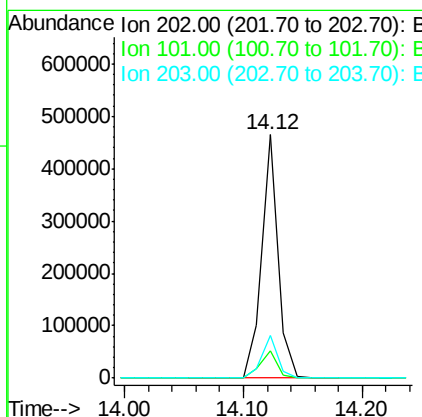
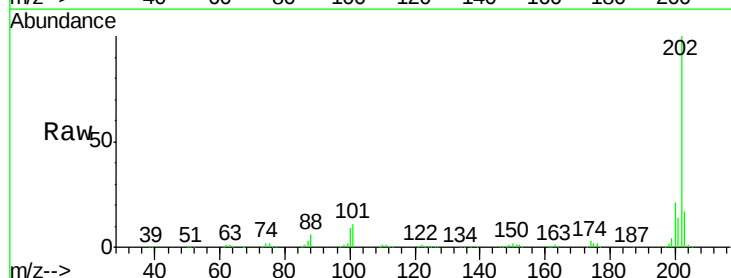
Instrument :
BNA_F
ClientSampleId :
PB82420BS

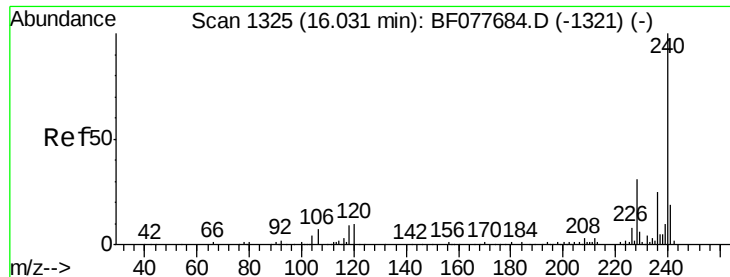
Tot Ion:149 Resp: 451424
Ion Ratio Lower Upper
149 100
150 8.7 7.5 11.3
104 3.9 3.7 5.5



#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

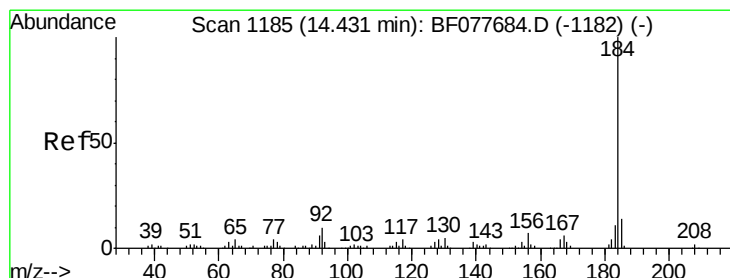
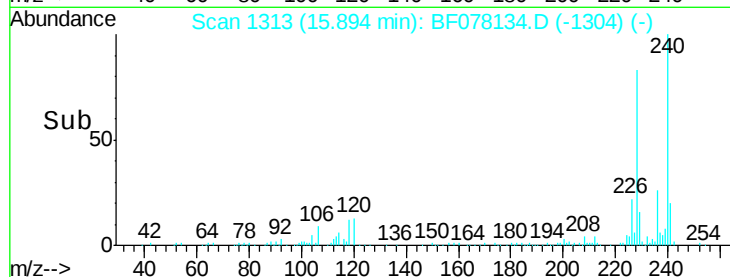
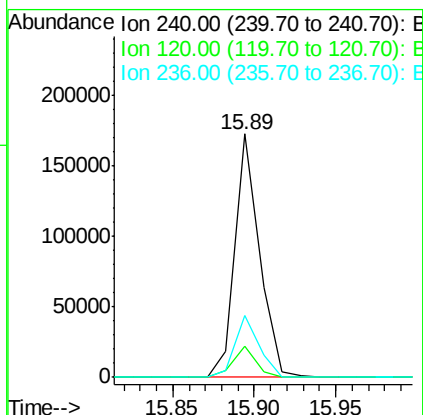
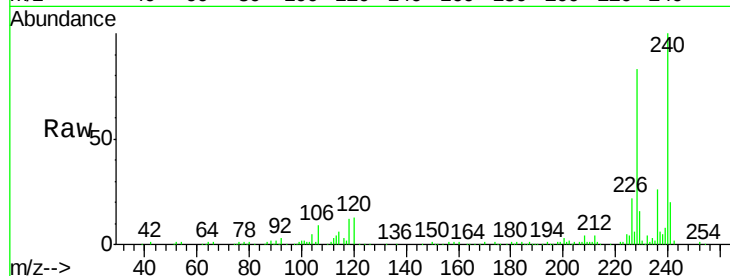




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

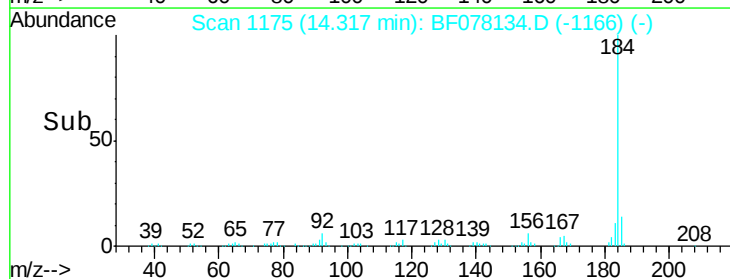
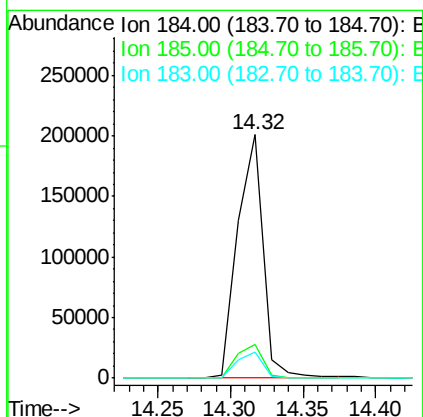
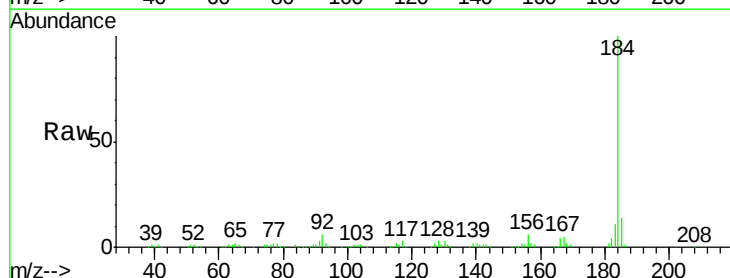
Instrument :
BNA_F
ClientSampleId :
PB82420BS

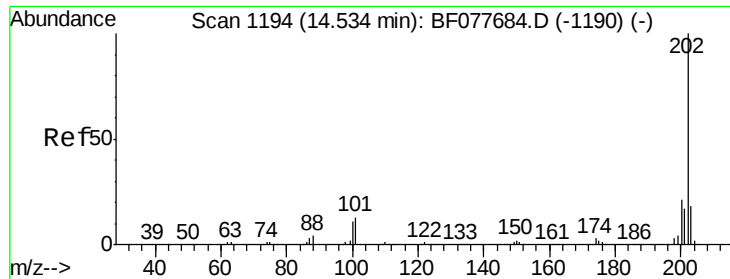
Tot Ion:240 Resp: 178186
Ion Ratio Lower Upper
240 100
120 13.0 8.2 12.2#
236 25.5 20.0 30.0



#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

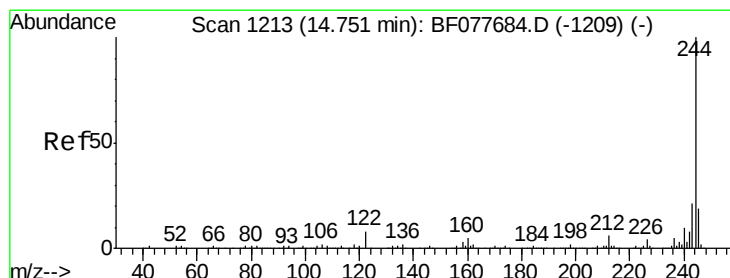
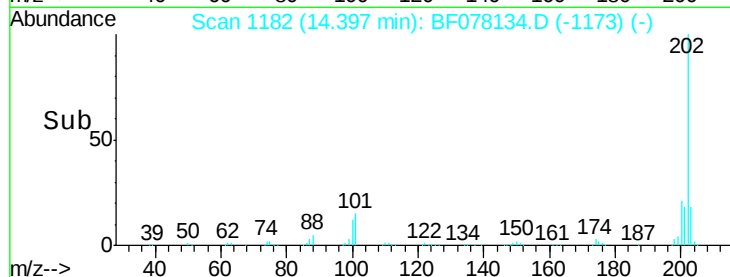
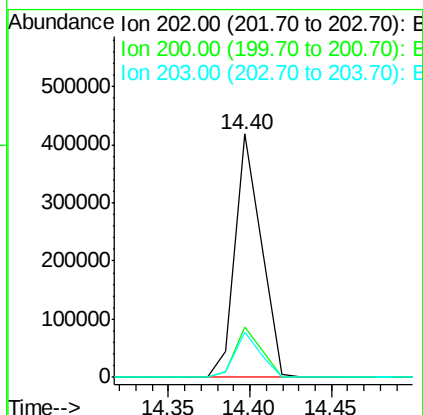
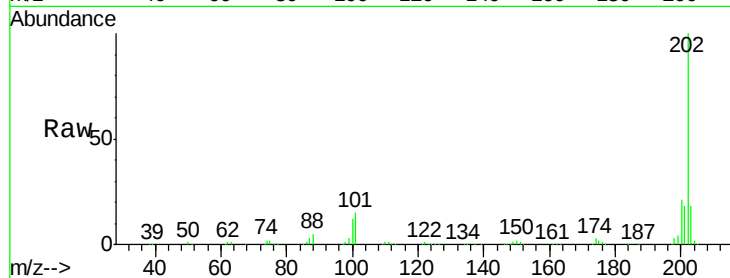




#77
Pvrene
Concen: 41.23 ng
RT: 14.40 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

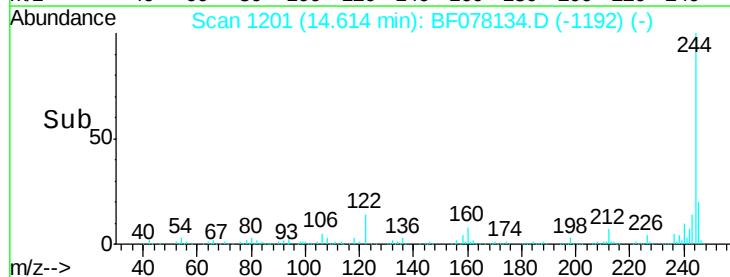
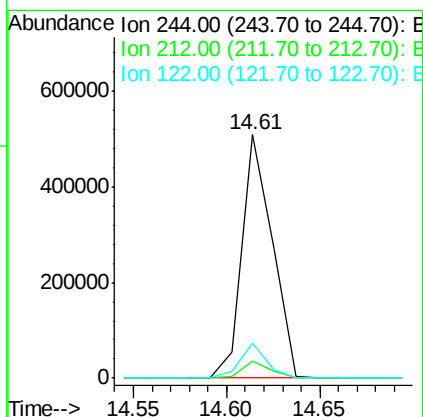
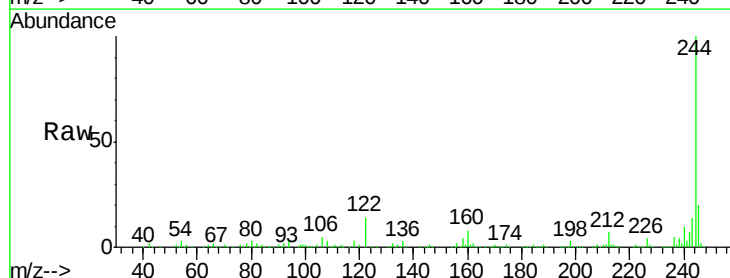
Instrument :
BNA_F
ClientSampled :
PB82420BS

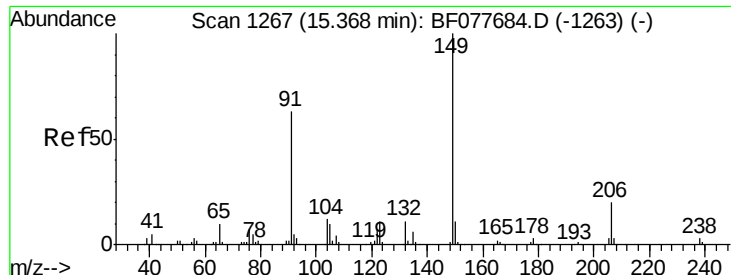
Tot Ion:202 Resp: 462008
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 18.5 14.1 21.1



#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#

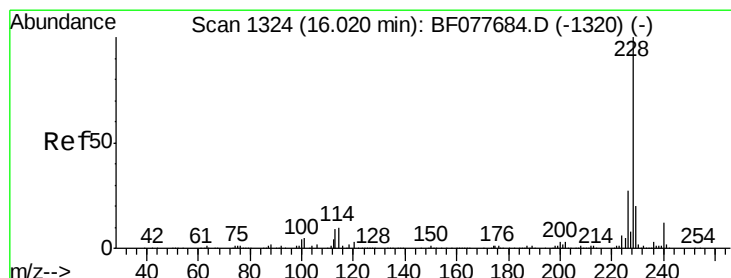
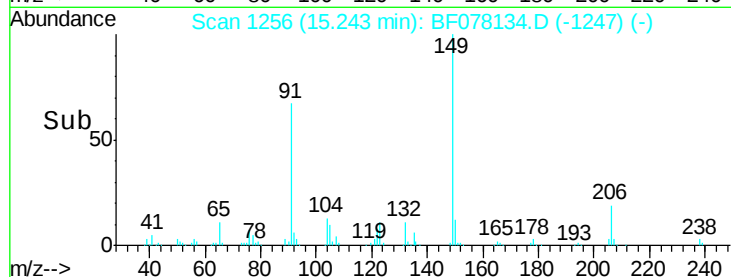
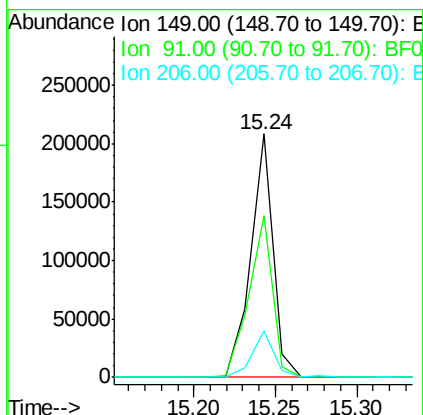
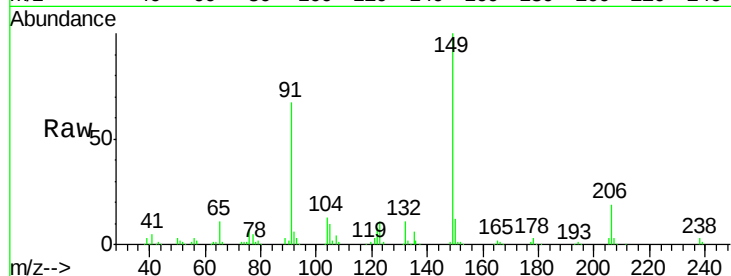




#79
Butylbenzylphthalate
Concen: 44.78 ng
RT: 15.24 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

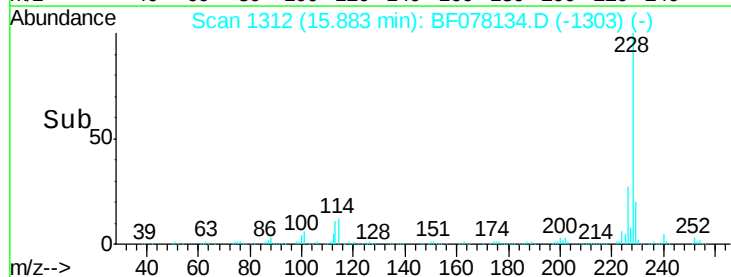
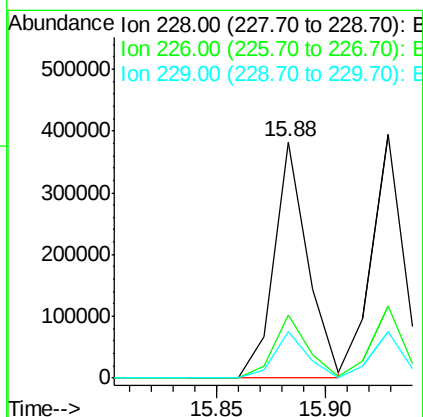
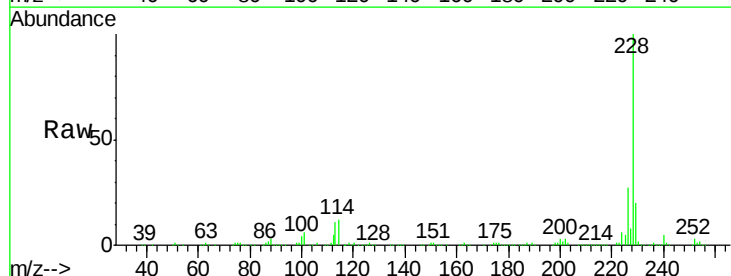
Instrument :
BNA_F
ClientSampleID :
PB82420BS

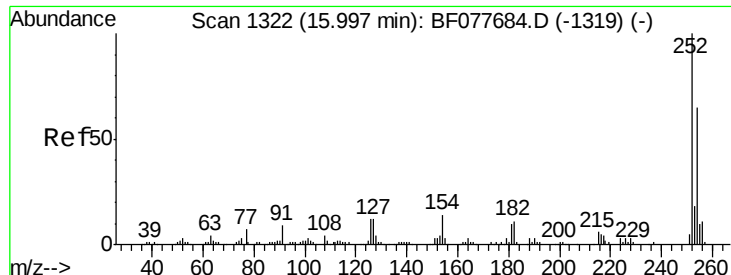
Tot Ion:149 Resp: 197843
Ion Ratio Lower Upper
149 100
91 66.6 50.1 75.1
206 19.1 16.2 24.2



#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

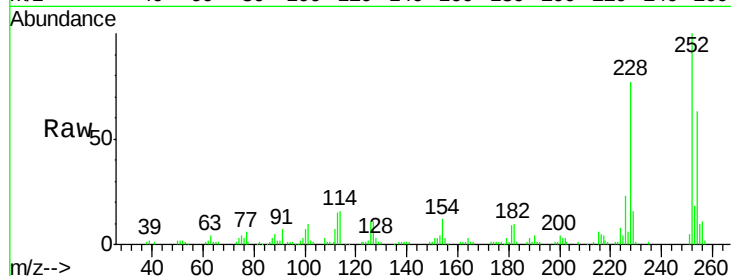




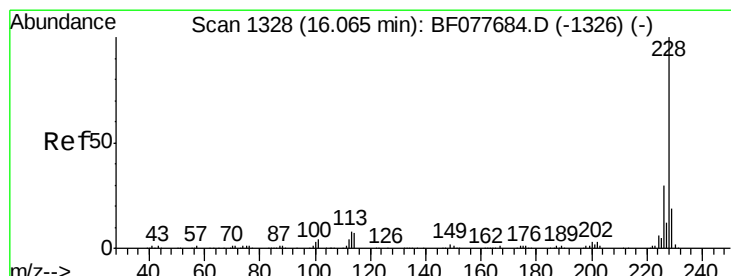
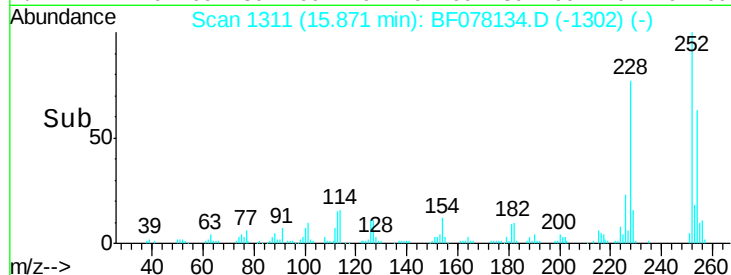
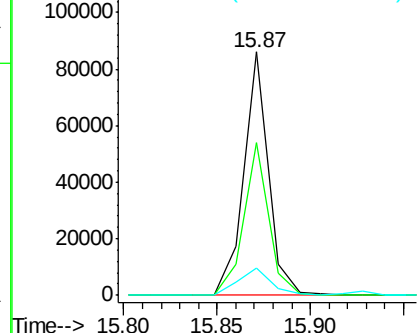
#81
 3,3'-Dichlorobenzidine
 Concen: 22.90 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

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

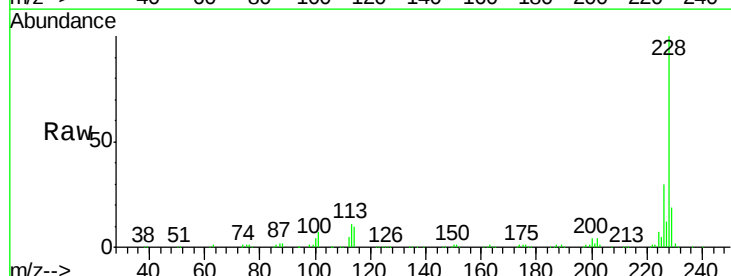


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

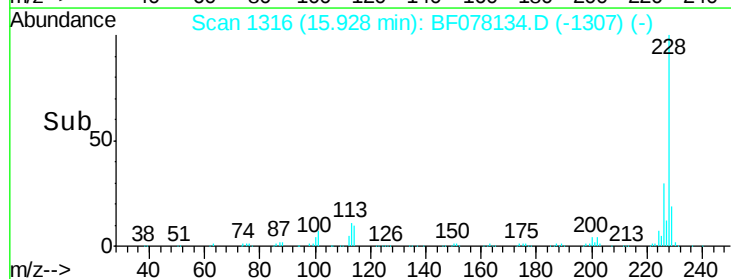
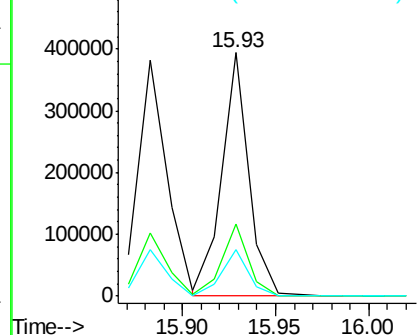


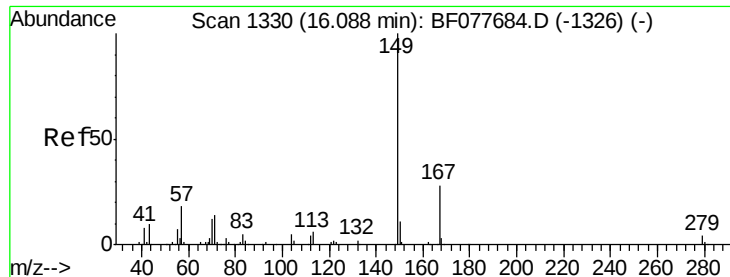
#82
 Chrysene
 Concen: 41.76 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

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

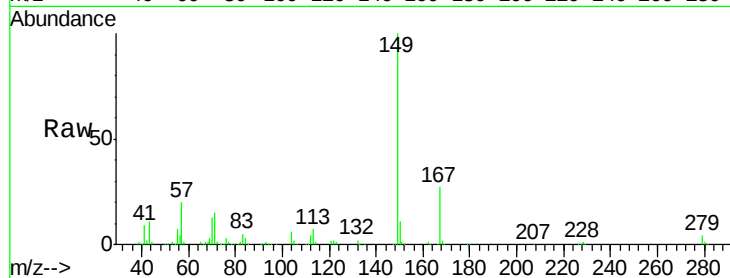




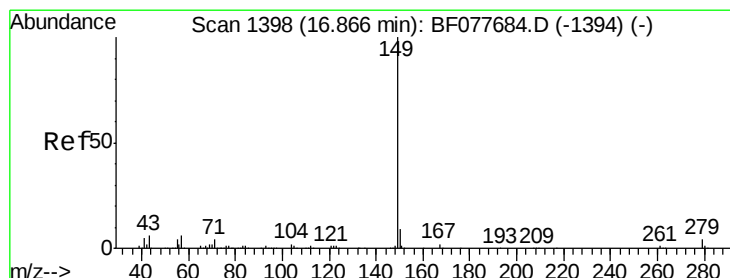
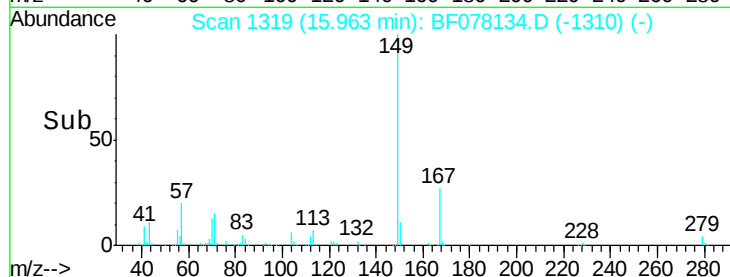
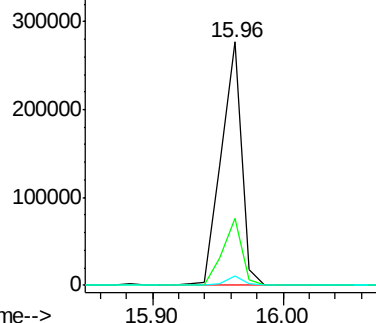
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.91 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

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

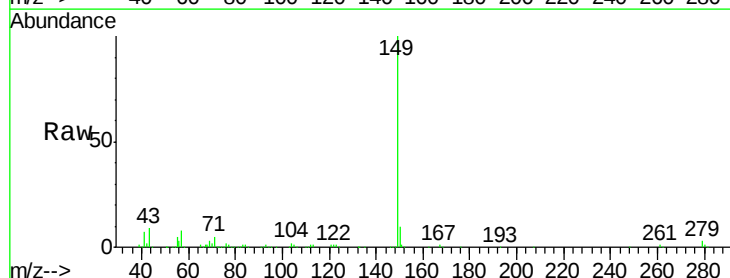


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

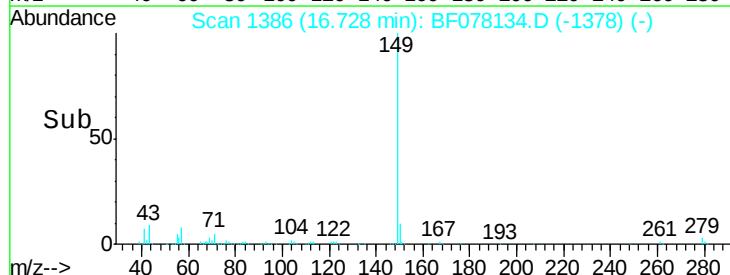
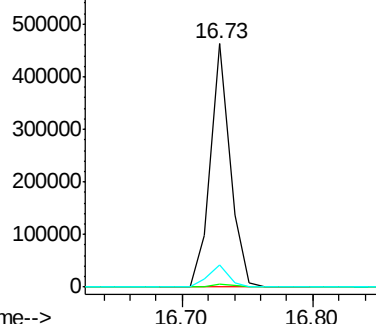


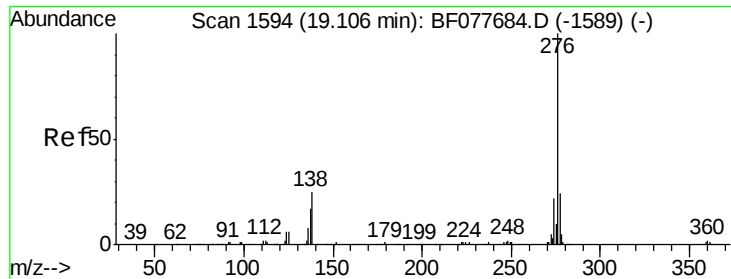
#84
 Di-n-octyl phthalate
 Concen: 42.55 ng
 RT: 16.73 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

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

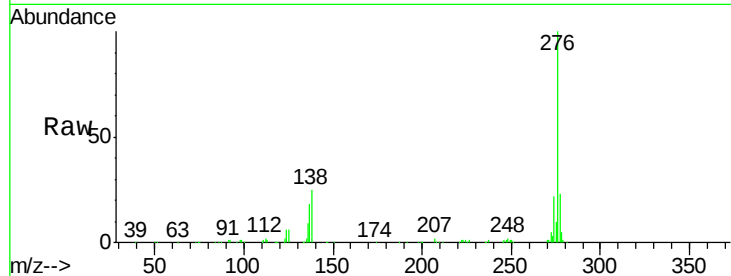




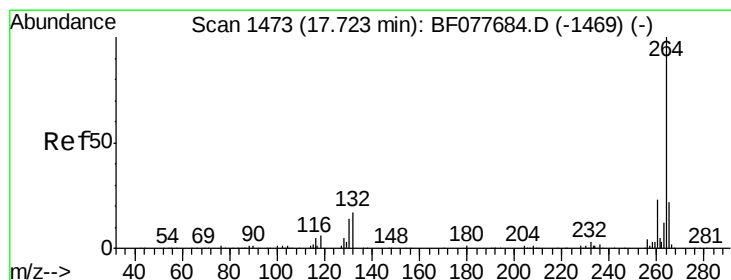
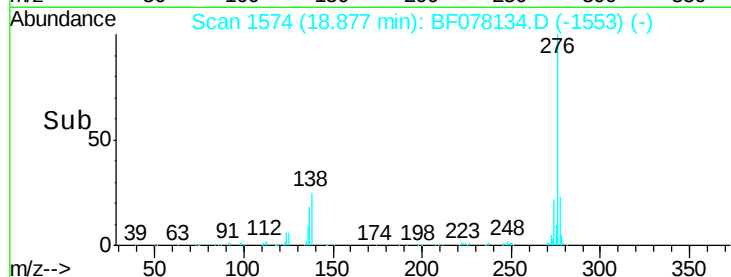
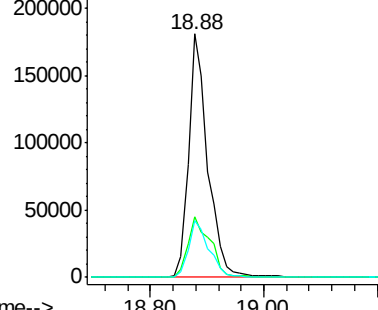
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.57 ng
RT: 18.88 min Scan# 1574
Delta R.T. -0.06 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Instrument :
BNA_F
ClientSampleId :
PB82420BS

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

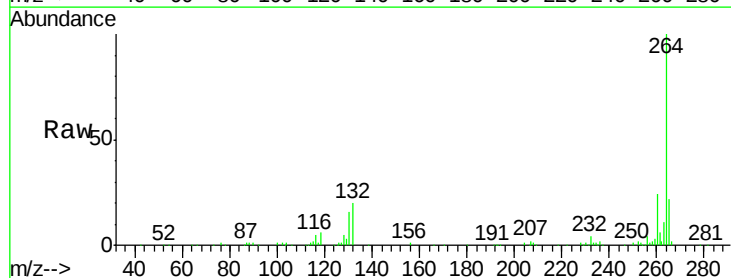


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

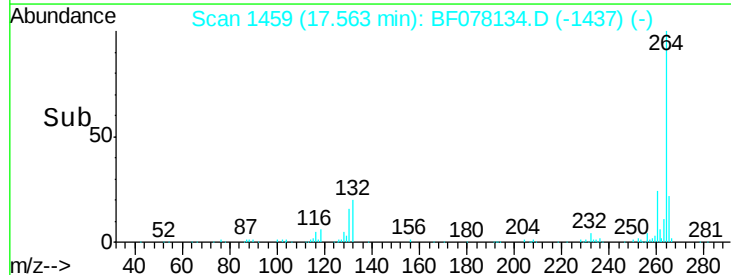
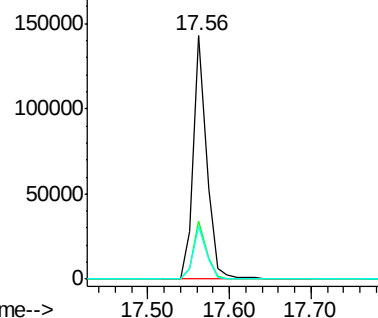


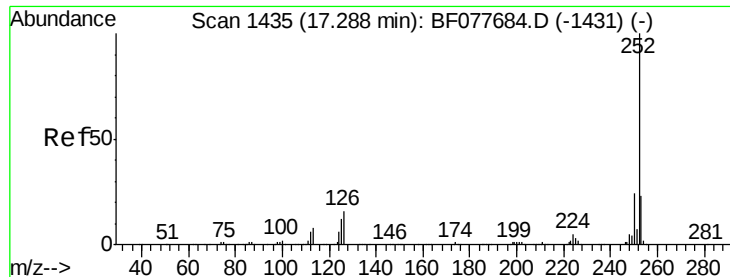
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.05 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

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

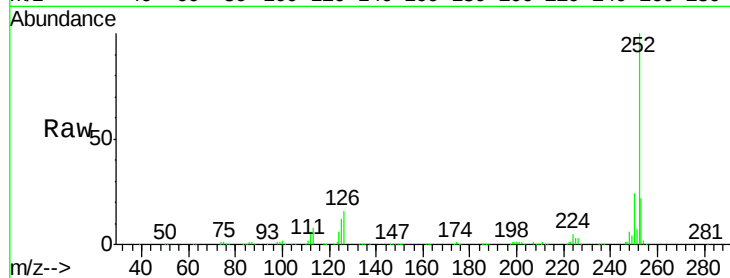




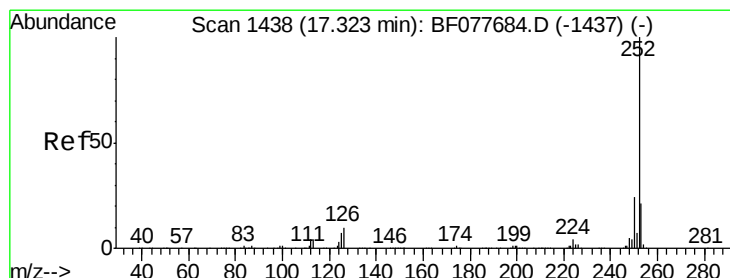
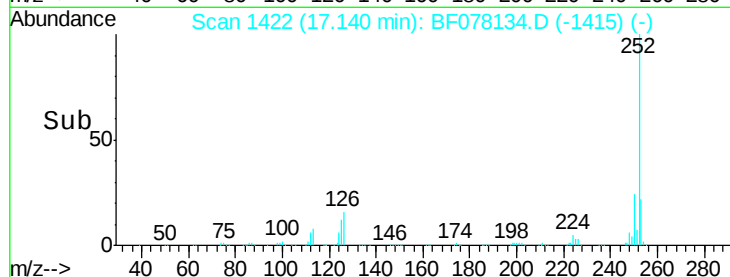
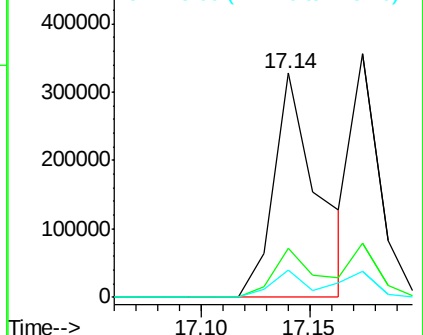
#87
Benzo(b)fluoranthene
Concen: 43.67 ng
RT: 17.14 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Instrument :
BNA_F
ClientSampleId :
PB82420BS

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

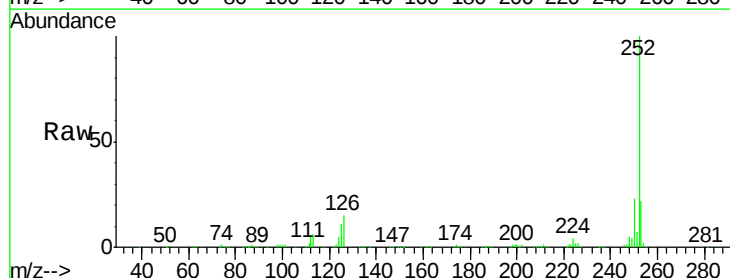


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

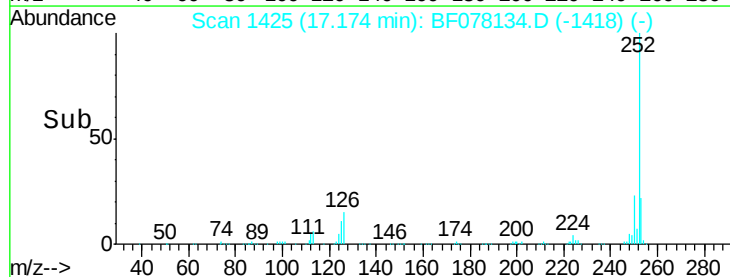
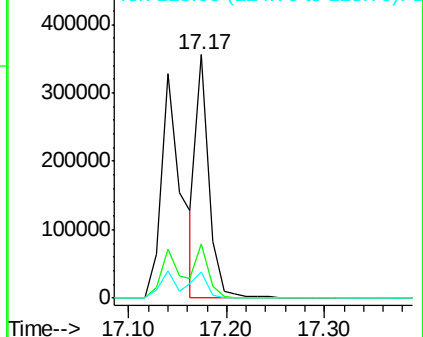


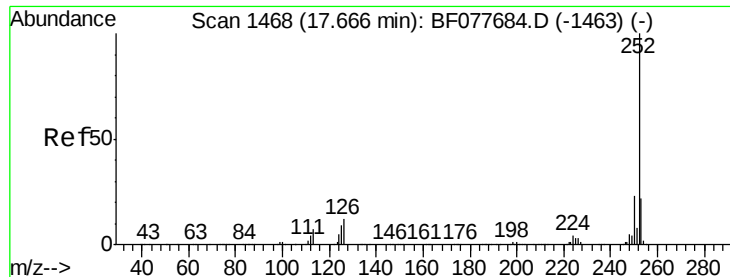
#88
Benzo(k)fluoranthene
Concen: 38.78 ng m
RT: 17.17 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF078134.D
Acq: 1 Apr 2015 2:38

Tgt Ion:252 Resp: 321281
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 10.9 8.1 12.1



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





#89

Benzo(a)pyrene

Concen: 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

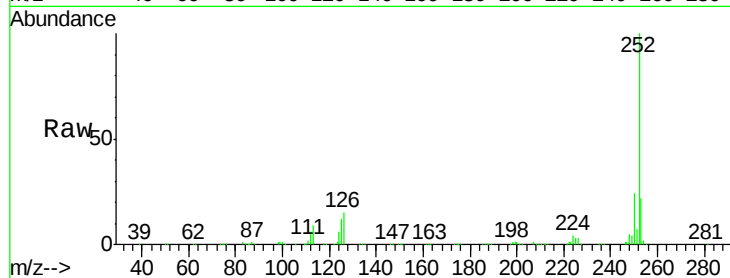
Tot Ion:252 Resp: 366299

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

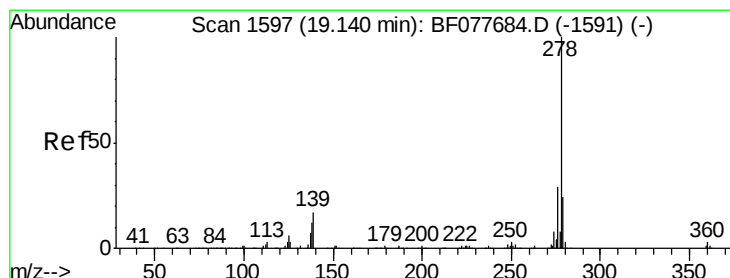
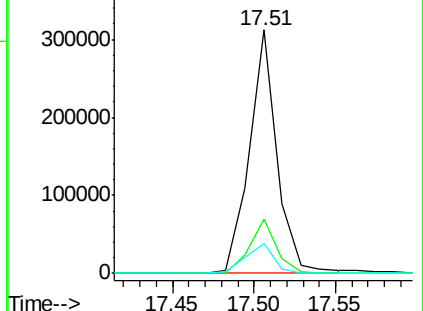
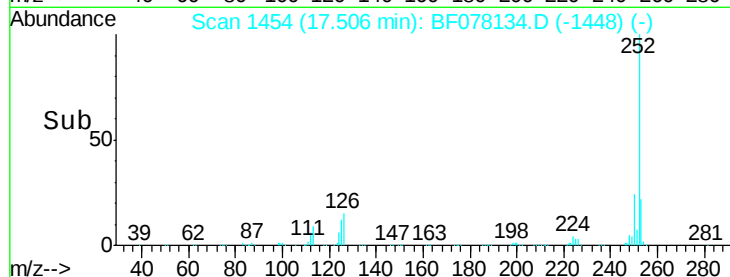
125 12.2 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 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

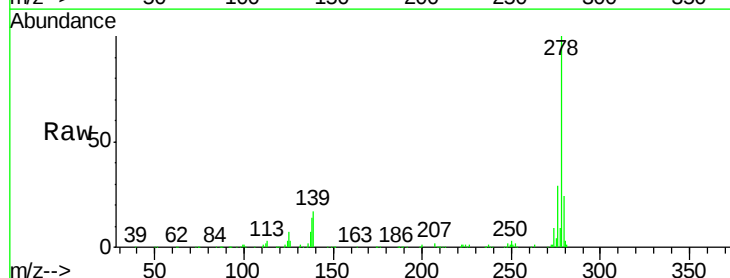
Tgt Ion:278 Resp: 344292

Ion Ratio Lower Upper

278 100

139 17.1 13.4 20.0

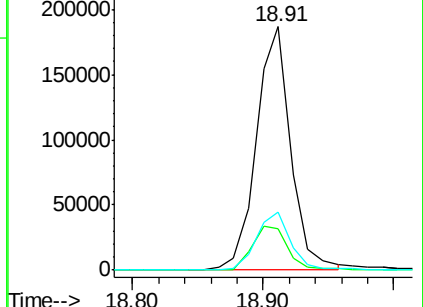
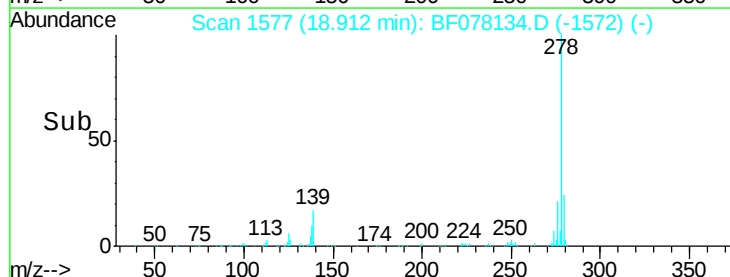
279 24.1 19.0 28.4

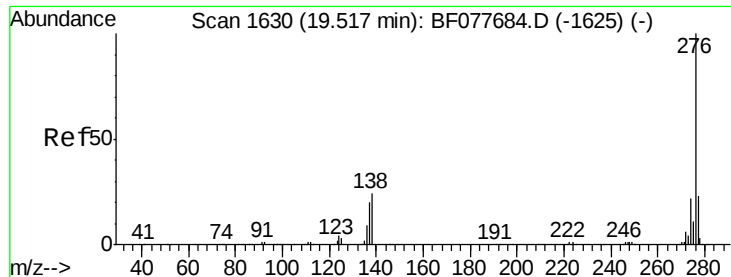


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

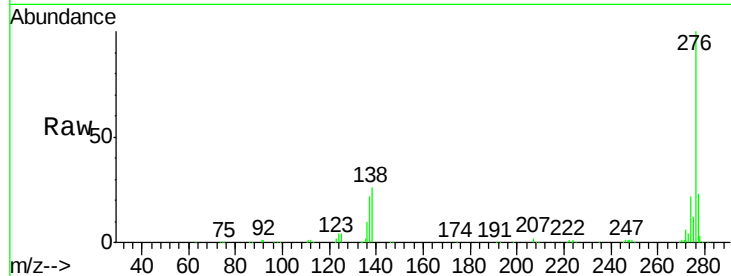




#91
 Benzo(a,h,i)perylene
 Concen: 38.94 ng
 RT: 19.27 min Scan# 1608
 Delta R.T. -0.06 min
 Lab File: BF078134.D
 Acq: 1 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot 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

