

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078253.D
 Acq On : 6 Apr 2015 13:27
 Operator : TP/IZ
 Sample : PB82420BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Quant Time: Apr 07 01:34:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 02:08:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	40112	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	162738	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	80739	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	158538	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	167703	20.00	ng	-0.02
86) Perylene-d12	17.54	264	161647	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	298653	122.76	ng	0.00
7) Phenol-d6	6.58	99	362623	118.94	ng	0.00
23) Nitrobenzene-d5	7.68	82	212087	78.99	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	96465	144.06	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	475785	84.23	ng	0.00
78) Terphenyl-d14	14.55	244	569055	76.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	31136	28.30	ng	98
3) Pyridine	2.45	79	96423	33.46	ng	98
4) n-Nitrosodimethylamine	2.38	42	47075m	42.44	ng	
6) Aniline	6.57	93	76978	17.80	ng	93
8) 2-Chlorophenol	6.72	128	115547	40.17	ng	99
9) Benzaldehyde	6.42	77	68288	33.79	ng	90
10) Phenol	6.60	94	132763	36.34	ng	97
11) bis(2-Chloroethyl)ether	6.68	93	106227	40.43	ng	97
12) 1,3-Dichlorobenzene	6.90	146	119971	37.97	ng	95
13) 1,4-Dichlorobenzene	7.00	146	122072	38.38	ng	96
14) 1,2-Dichlorobenzene	7.18	146	112837	37.83	ng	95
15) Benzyl Alcohol	7.18	79	89599	41.82	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.36	45	141855	40.48	ng	96
17) 2-Methylphenol	7.34	107	89085	39.89	ng	97
18) Hexachloroethane	7.60	117	41911	39.07	ng	# 83
19) n-Nitroso-di-n-propylamine	7.52	70	77311	38.43	ng	98
20) 3+4-Methylphenols	7.54	107	118182	39.66	ng	96
22) Acetophenone	7.49	105	157997	41.67	ng	# 90
24) Nitrobenzene	7.70	77	110079	39.22	ng	# 79
25) Isophorone	8.01	82	206265	40.48	ng	99
26) 2-Nitrophenol	8.10	139	55441	41.45	ng	96
27) 2,4-Dimethylphenol	8.18	122	99165	39.87	ng	95
28) bis(2-Chloroethoxy)methane	8.29	93	135191	41.37	ng	100
29) 2,4-Dichlorophenol	8.41	162	94759	41.88	ng	99
30) 1,2,4-Trichlorobenzene	8.49	180	97052	37.41	ng	# 97
31) Naphthalene	8.58	128	325759	38.46	ng	99
32) Benzoic acid	8.32	122	57170	48.77	ng	95
33) 4-Chloroaniline	8.67	127	52880	15.04	ng	99
34) Hexachlorobutadiene	8.74	225	55795	39.17	ng	97
35) Caprolactam	9.10	113	29333	43.43	ng	# 83
36) 4-Chloro-3-methylphenol	9.30	107	97219	42.58	ng	# 85
37) 2-Methylnaphthalene	9.44	142	222974	38.77	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.64	216	97268	38.88	ng	99
40) Hexachlorocyclopentadiene	9.63	237	95450	87.89	ng	97

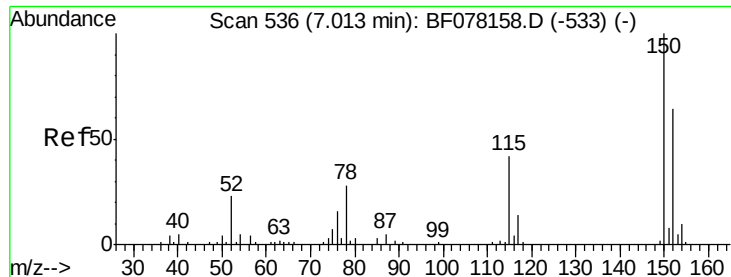
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078253.D
 Acq On : 6 Apr 2015 13:27
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	68559	43.45	nq	99
43) 2,4,5-Trichlorophenol	9.86	196	68393	41.49	nq	# 83
45) 1,1'-Biphenyl	10.02	154	271475	41.11	nq	98
46) 2-Chloronaphthalene	10.04	162	212398	40.88	nq	97
47) 2-Nitroaniline	10.18	65	56253	43.76	nq	92
48) Acenaphthylene	10.54	152	334174	39.83	nq	99
49) Dimethylphthalate	10.42	163	248174	40.91	nq	98
50) 2,6-Dinitrotoluene	10.49	165	53073	42.53	nq	# 53
51) Acenaphthene	10.76	154	202599	42.89	nq	99
52) 3-Nitroaniline	10.69	138	30698	21.63	nq	96
53) 2,4-Dinitrophenol	10.83	184	35515	75.37	nq	90
54) Dibenzofuran	10.98	168	313218	43.41	nq	96
55) 4-Nitrophenol	10.93	139	77502	74.37	nq	# 72
56) 2,4-Dinitrotoluene	10.98	165	71595	44.29	nq	# 41
57) Fluorene	11.40	166	253960	43.42	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.14	232	54984	45.00	nq	99
59) Diethylphthalate	11.30	149	246589	42.16	nq	98
60) 4-Chlorophenyl-phenylether	11.41	204	119281	44.33	nq	# 87
61) 4-Nitroaniline	11.45	138	57175	39.86	nq	95
62) Azobenzene	11.61	77	237863	44.56	nq	92
64) 4,6-Dinitro-2-methylphenol	11.48	198	29135	38.98	nq	# 70
65) n-Nitrosodiphenylamine	11.56	169	208776	38.07	nq	99
66) 4-Bromophenyl-phenylether	12.02	248	68351	40.71	nq	# 83
67) Hexachlorobenzene	12.07	284	72519	39.42	nq	# 89
68) Atrazine	12.25	200	71794	45.20	nq	98
69) Pentachlorophenol	12.33	266	67833	82.84	nq	99
70) Phenanthrene	12.58	178	367441	40.07	nq	100
71) Anthracene	12.65	178	370054	40.95	nq	99
72) Carbazole	12.85	167	349370	41.25	nq	99
73) Di-n-butylphthalate	13.32	149	412395	42.99	nq	99
74) Fluoranthene	14.05	202	395000	40.84	nq	91
76) Benzidine	14.24	184	112873	17.48	nq	99
77) Pyrene	14.33	202	414455	39.37	nq	99
79) Butylbenzylphthalate	15.17	149	177939	44.35	nq	# 79
80) Benzo(a)anthracene	15.81	228	394321	39.52	nq	99
81) 3,3'-Dichlorobenzidine	15.80	252	81058	24.26	nq	# 99
82) Chrysene	15.86	228	365119	38.95	nq	99
83) Bis(2-ethylhexyl)phthalate	15.89	149	270818	43.03	nq	96
84) Di-n-octyl phthalate	16.68	149	460819	44.60	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.83	276	422590	39.73	nq	# 86
87) Benzo(b)fluoranthene	17.09	252	398990	39.94	nq	# 94
88) Benzo(k)fluoranthene	17.13	252	342734m	38.60	nq	
89) Benzo(a)pyrene	17.47	252	362427	41.57	nq	# 96
90) Dibenzo(a,h)anthracene	18.85	278	326558	37.41	nq	97
91) Benzo(g,h,i)perylene	19.21	276	339020	38.74	nq	98

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

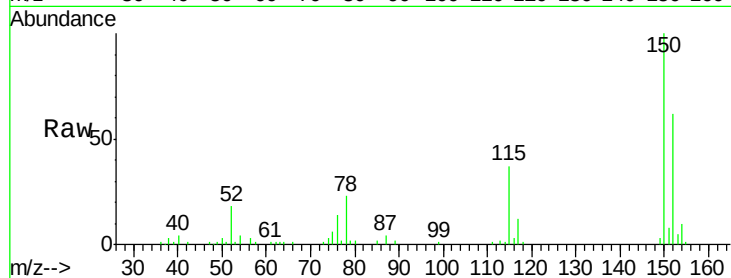


#1

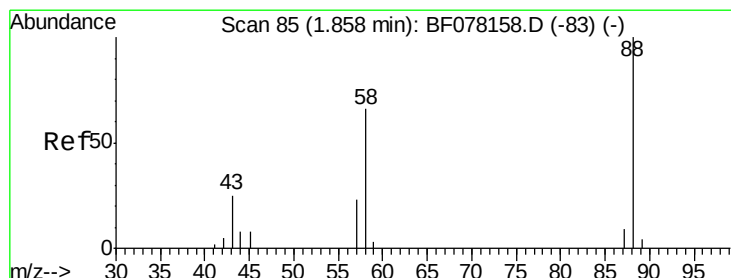
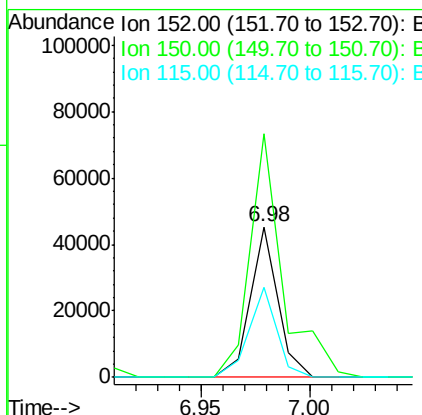
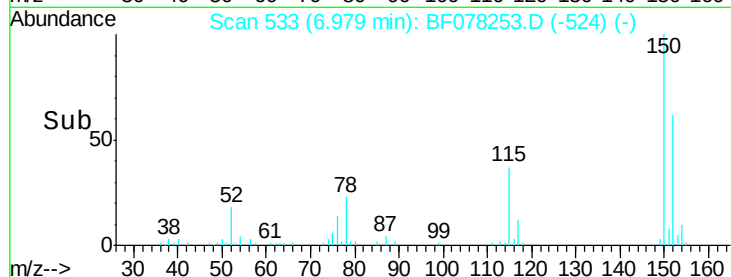
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion:152 Resp: 40112
Ion Ratio Lower Upper
152 100
150 161.4 125.9 188.9
115 59.8 52.7 79.1



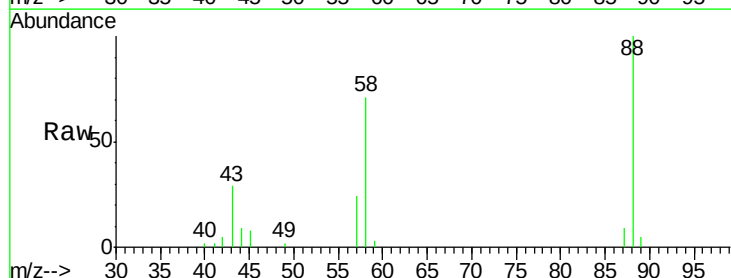
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



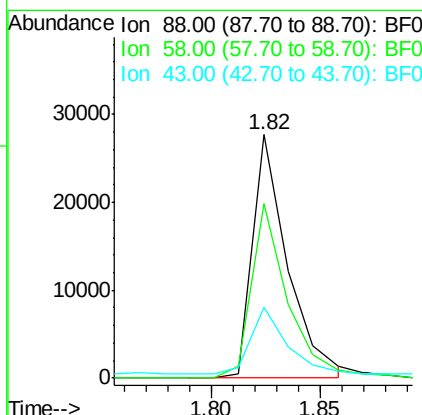
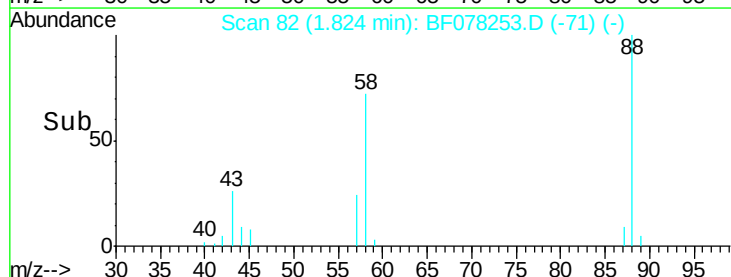
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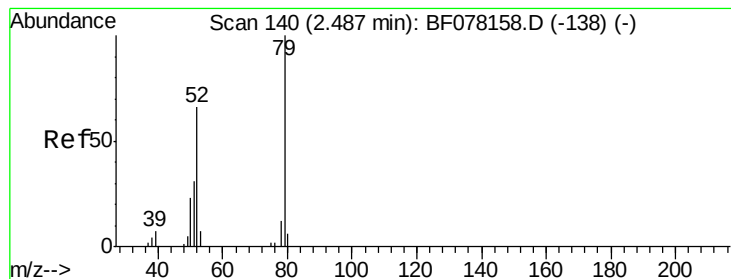
1,4-Dioxane
Concen: 28.30 ng
RT: 1.82 min Scan# 82
Delta R.T. 0.02 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion: 88 Resp: 31136
Ion Ratio Lower Upper
88 100
58 72.9 56.9 85.3
43 27.1 21.4 32.2



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: 33.46 ng

RT: 2.45 min Scan# 137

Delta R.T. 0.03 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

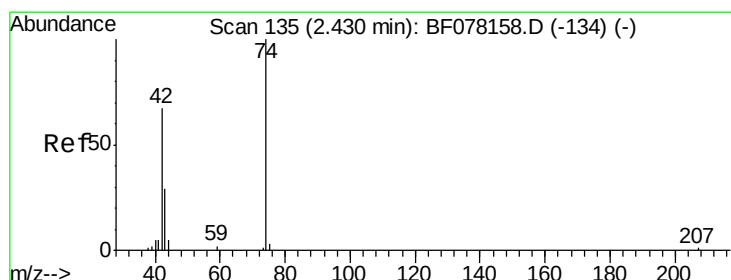
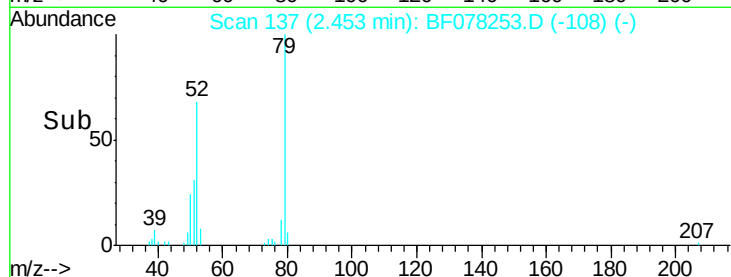
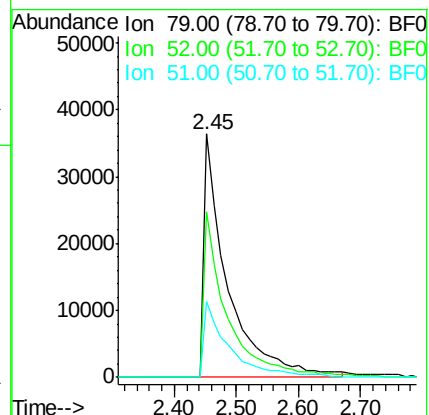
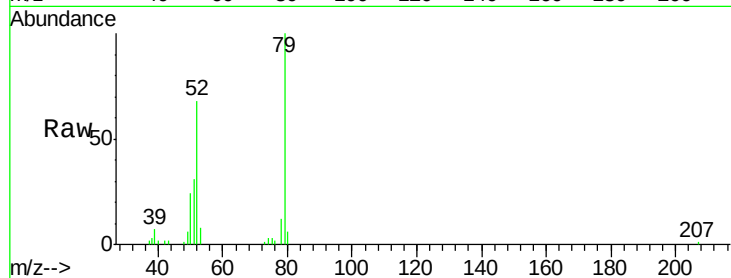
Tot Ion: 79 Resp: 96423

Ion Ratio Lower Upper

79 100

52 67.8 52.4 78.6

51 31.2 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 42.44 ng m

RT: 2.38 min Scan# 131

Delta R.T. 0.01 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

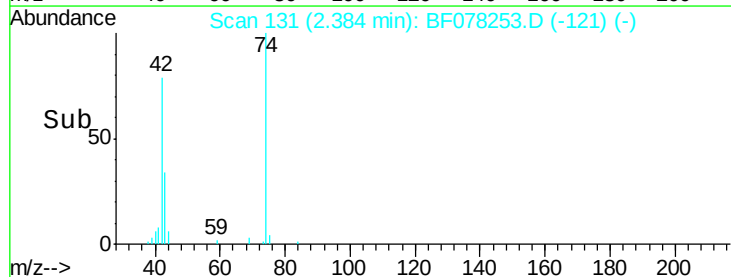
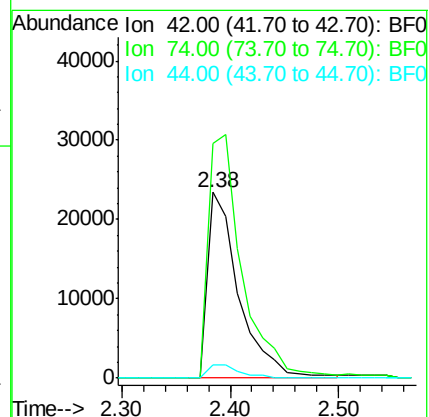
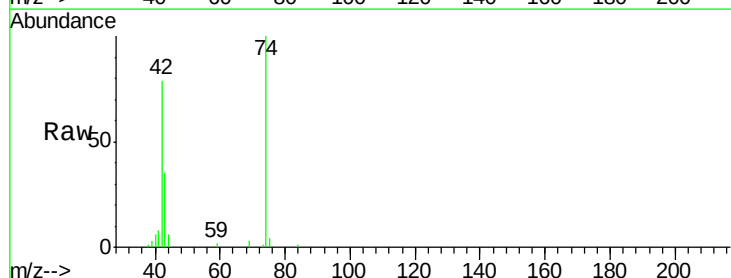
Tgt Ion: 42 Resp: 47075

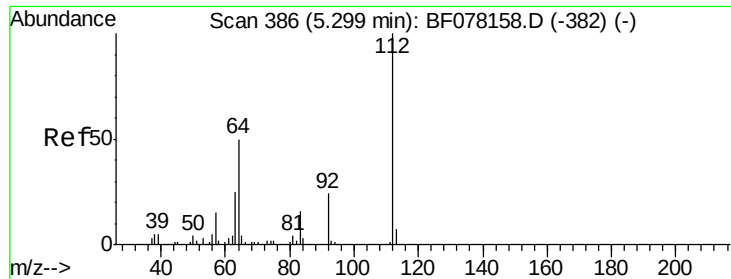
Ion Ratio Lower Upper

42 100

74 126.1 118.7 178.1

44 7.1 5.9 8.9





#5

2-Fluorophenol

Concen: 122.76 ng

RT: 5.26 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

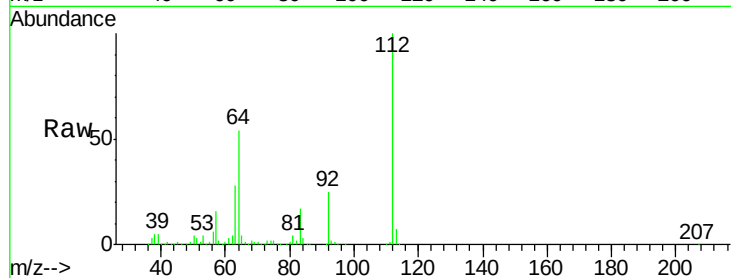
Tot Ion:112 Resp: 298653

Ion Ratio Lower Upper

112 100

64 54.4 39.9 59.9

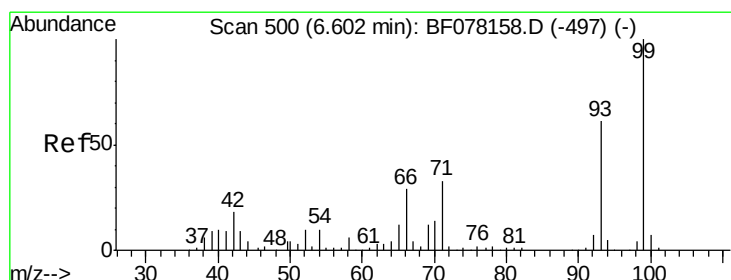
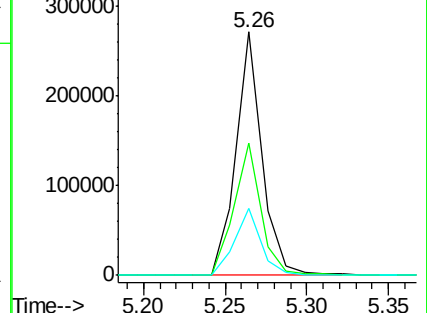
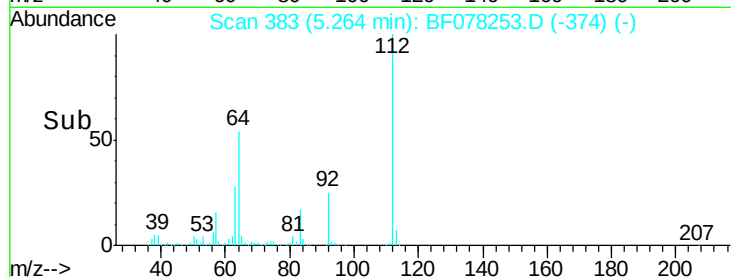
63 27.6 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.80 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

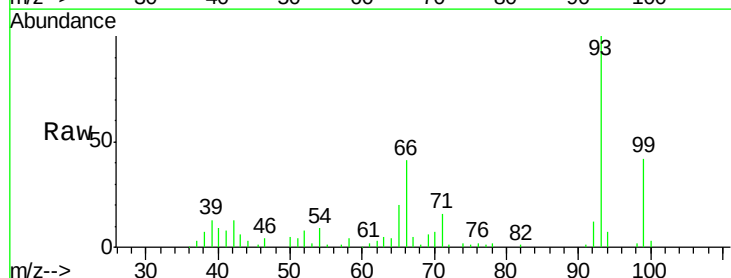
Tgt Ion: 93 Resp: 76978

Ion Ratio Lower Upper

93 100

66 41.3 38.0 57.0

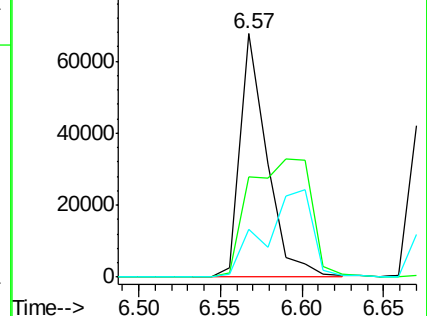
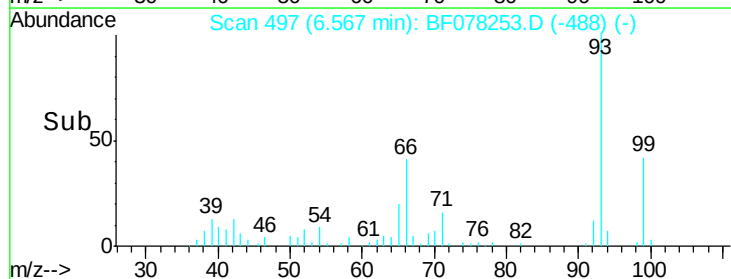
65 19.6 16.3 24.5

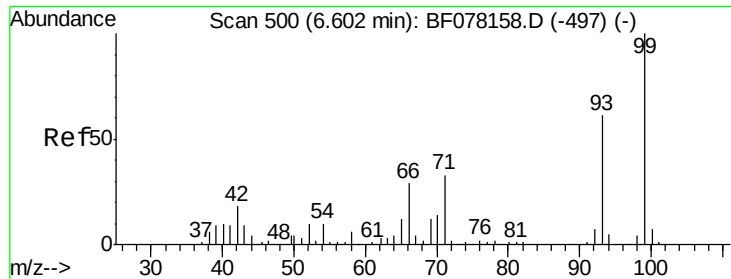


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.94 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

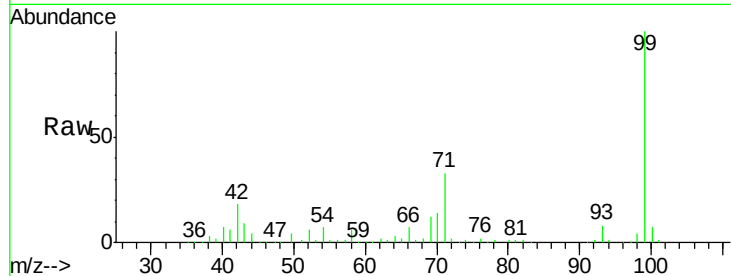
Tot Ion: 99 Resp: 362623

Ion Ratio Lower Upper

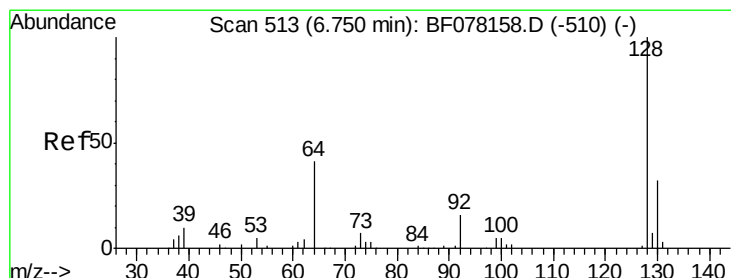
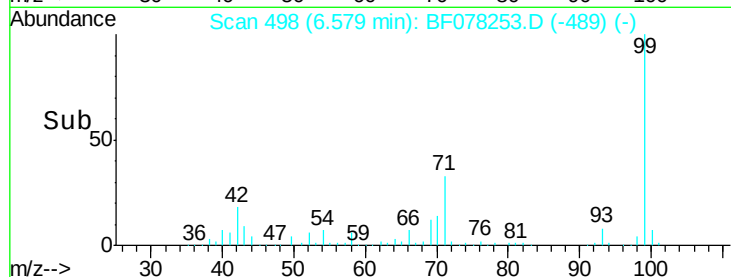
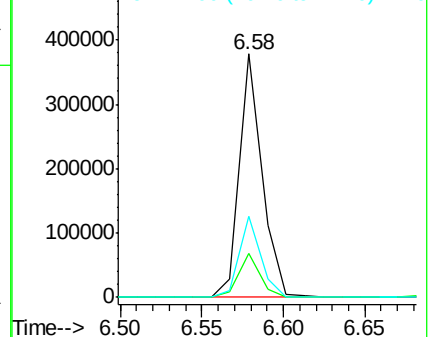
99 100

42 17.9 14.8 22.2

71 33.2 26.6 39.8



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: 40.17 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

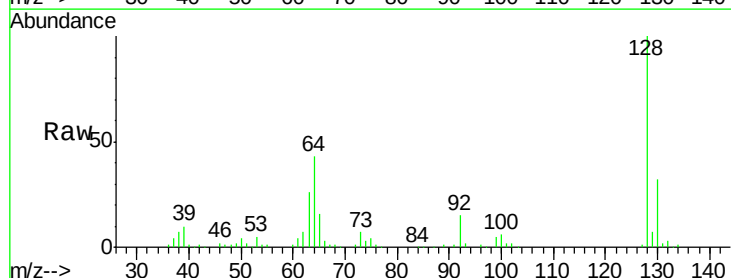
Tgt Ion: 128 Resp: 115547

Ion Ratio Lower Upper

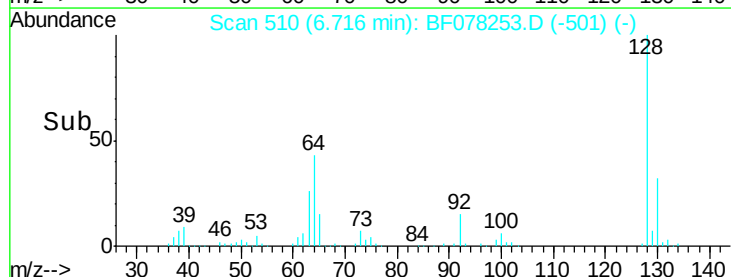
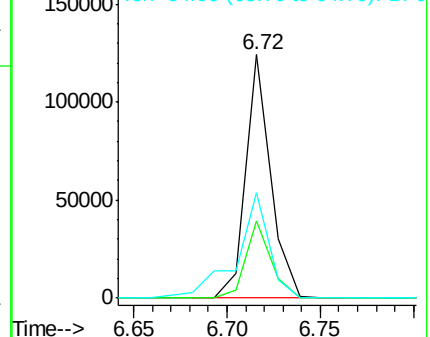
128 100

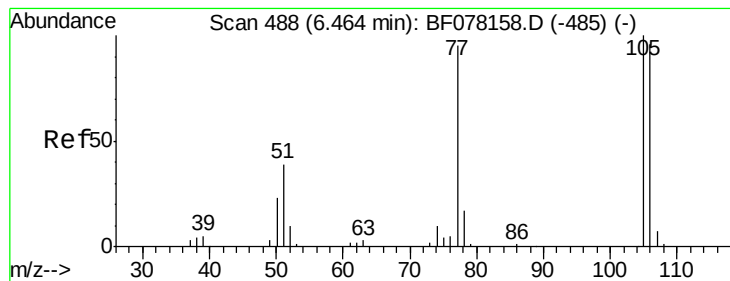
130 31.6 12.3 52.3

64 43.3 23.8 63.8



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: 33.79 ng

RT: 6.42 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

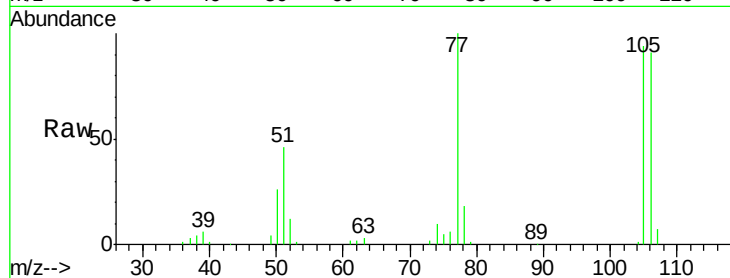
Tot Ion: 77 Resp: 68288

Ion Ratio Lower Upper

77 100

105 94.4 85.4 125.4

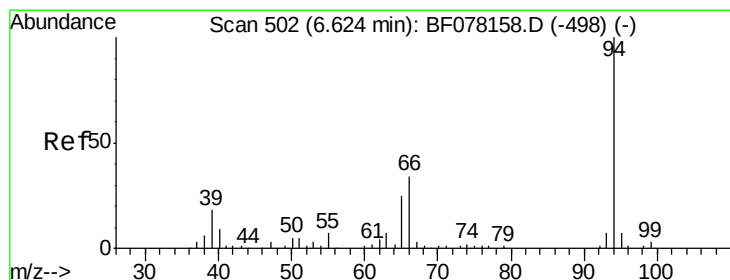
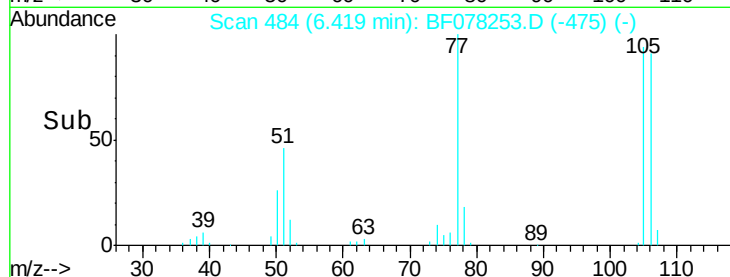
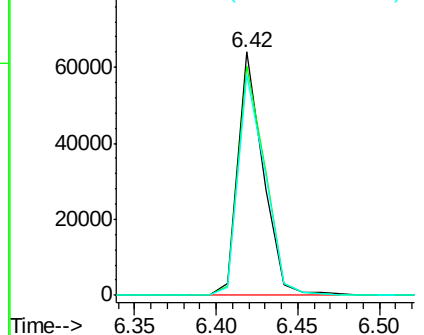
106 90.5 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.34 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

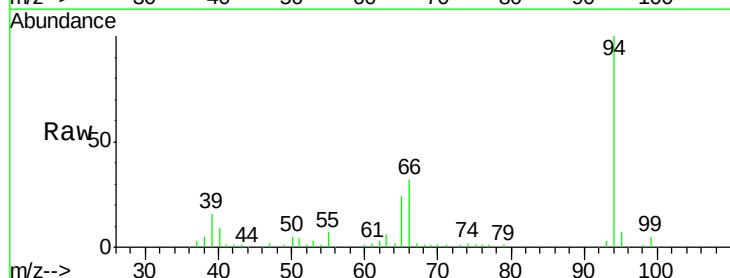
Tgt Ion: 94 Resp: 132763

Ion Ratio Lower Upper

94 100

65 23.8 4.9 44.9

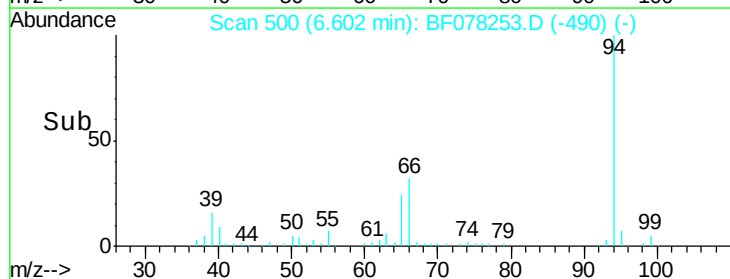
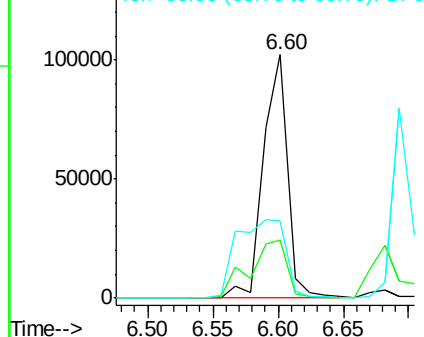
66 31.6 13.8 53.8

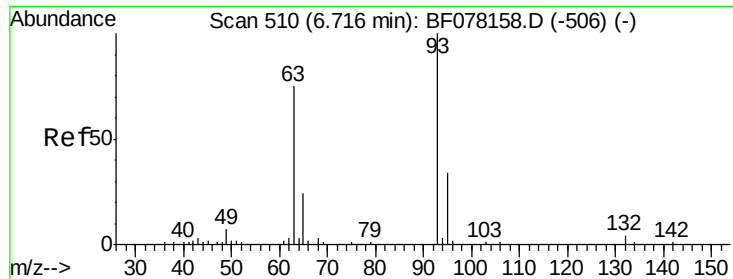


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

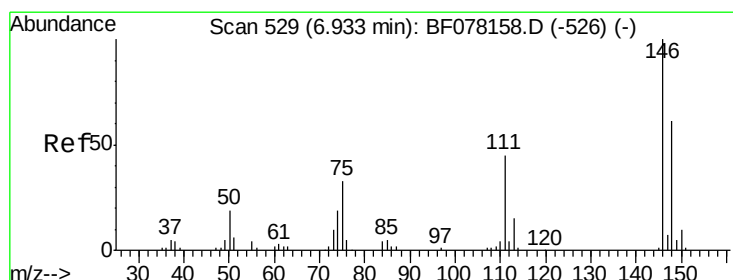
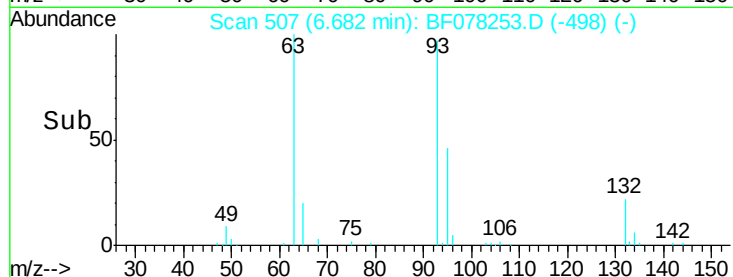
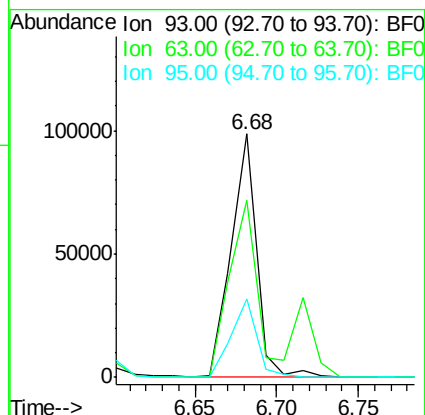
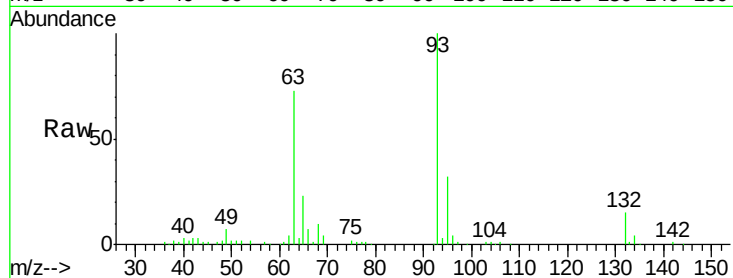




#11
bis(2-Chloroethyl)ether
Concen: 40.43 ng
RT: 6.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

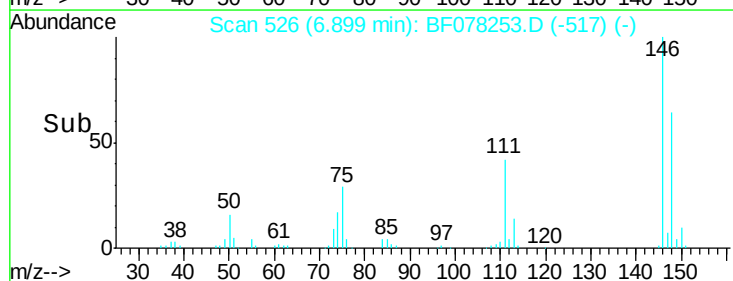
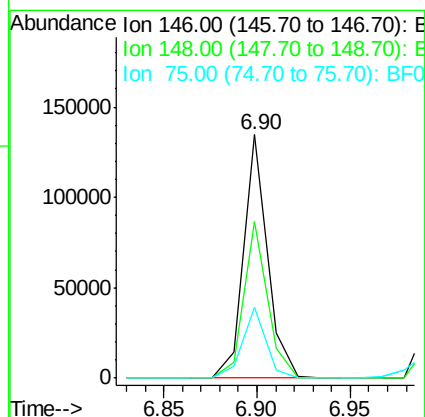
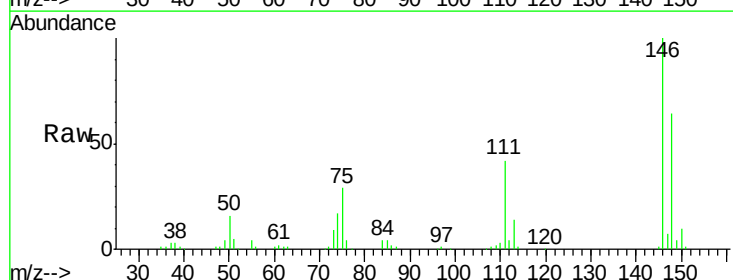
Instrument :
BNA_F
ClientSampleId :
PB82420BS

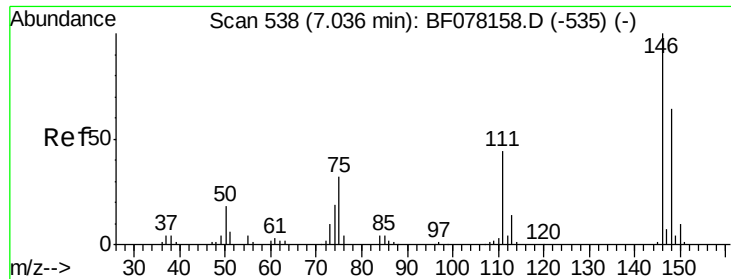
Tot Ion: 93 Resp: 106227
Ion Ratio Lower Upper
93 100
63 72.5 54.6 94.6
95 32.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.97 ng
RT: 6.90 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion: 146 Resp: 119971
Ion Ratio Lower Upper
146 100
148 64.3 49.1 73.7
75 28.9 26.6 40.0

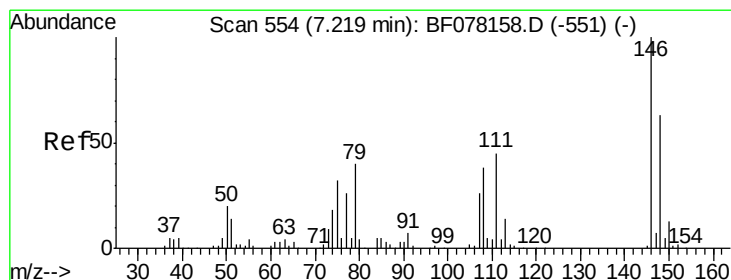
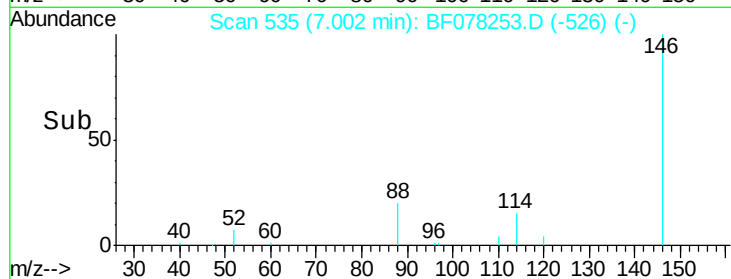
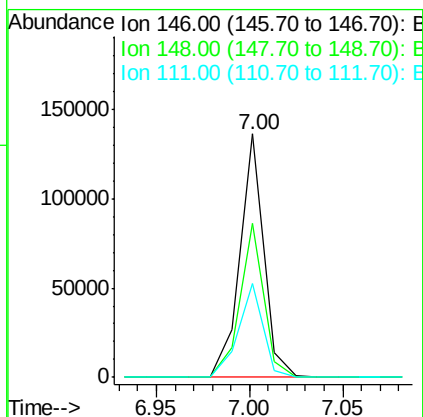
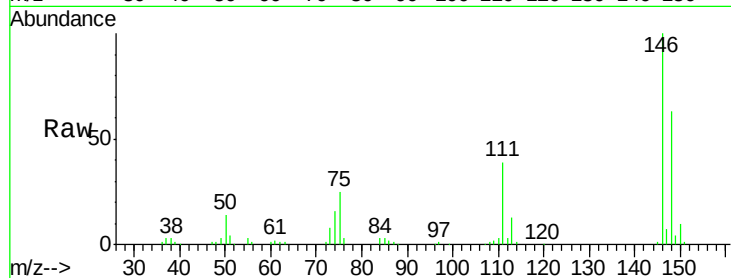




#13
 1,4-Dichlorobenzene
 Concen: 38.38 ng
 RT: 7.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

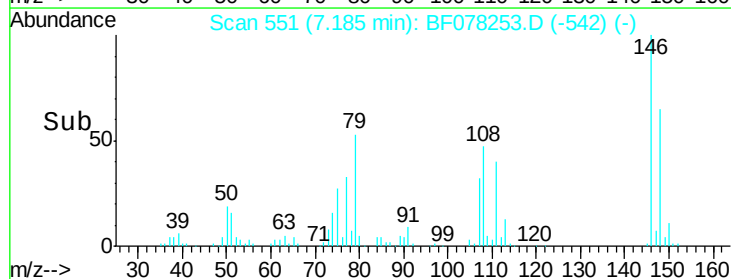
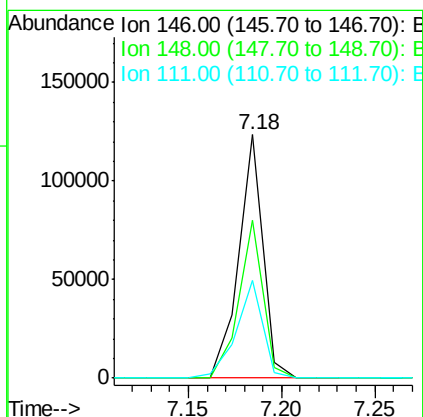
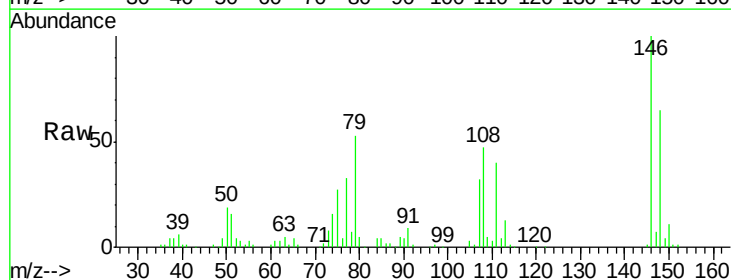
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

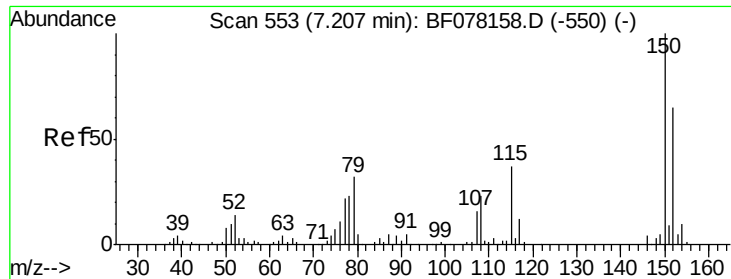
Tot Ion:146 Resp: 122072
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.4 77.0
 111 38.6 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 37.83 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:146 Resp: 112837
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.2 75.4
 111 39.9 36.1 54.1





#15

Benzyl Alcohol

Concen: 41.82 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

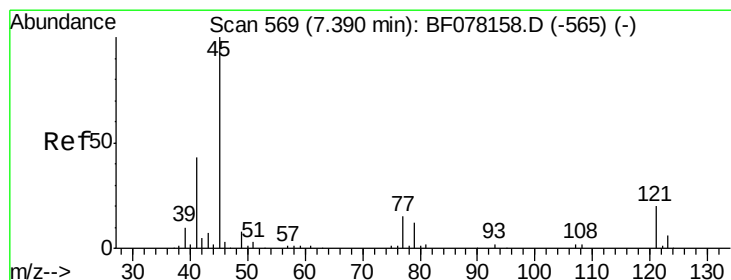
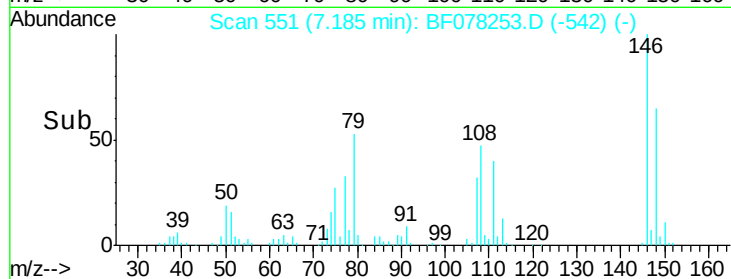
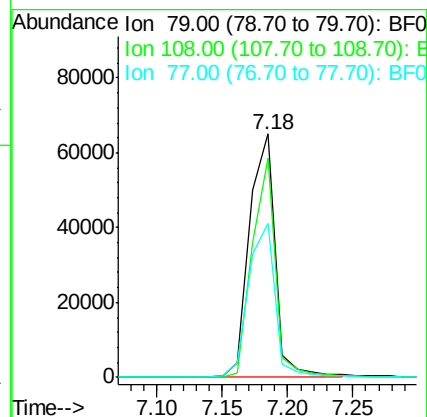
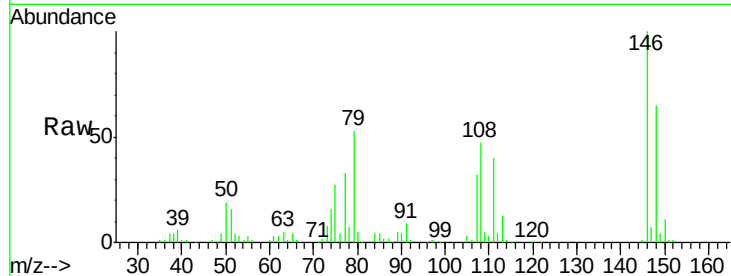
Tot Ion: 79 Resp: 89599

Ion Ratio Lower Upper

79 100

108 89.9 57.6 86.4#

77 63.2 53.5 80.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.48 ng

RT: 7.36 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

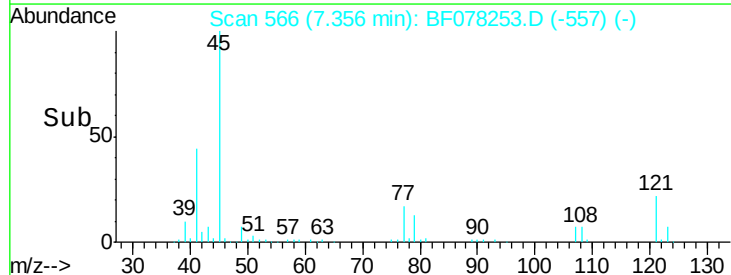
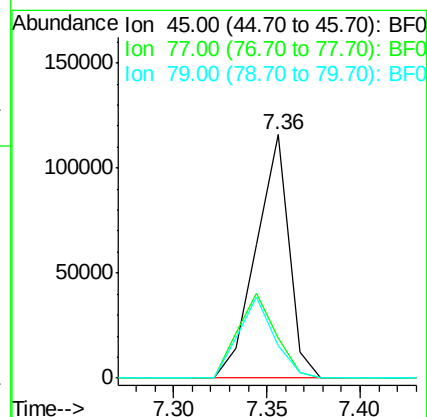
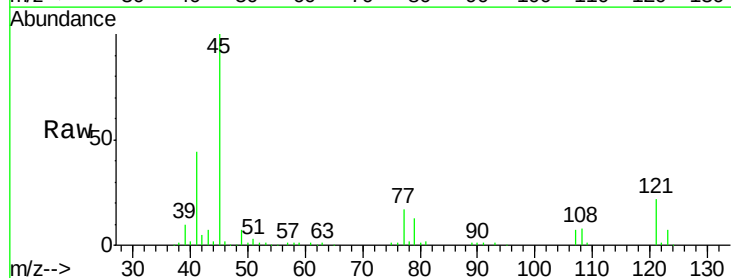
Tgt Ion: 45 Resp: 141855

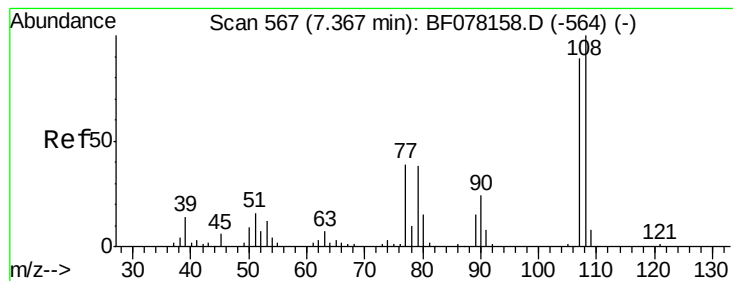
Ion Ratio Lower Upper

45 100

77 16.6 0.0 34.5

79 13.3 0.0 31.9

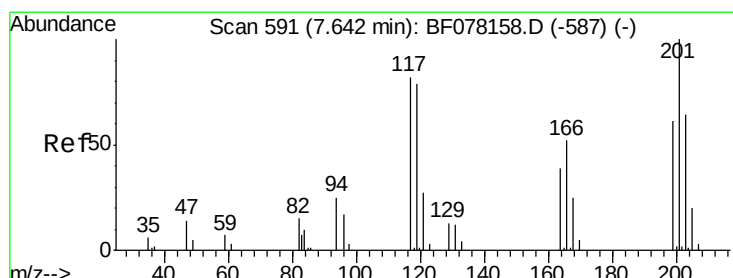
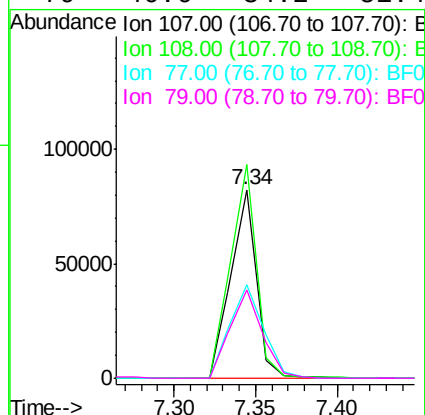
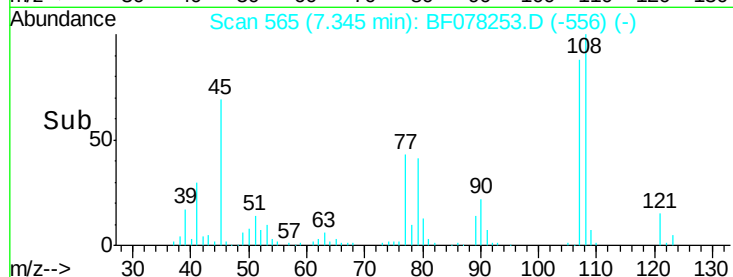
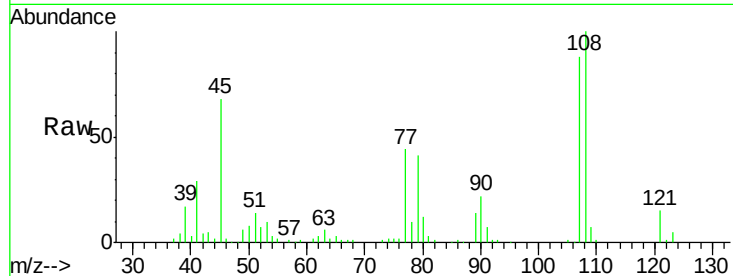




#17
2-Methylphenol
Concen: 39.89 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

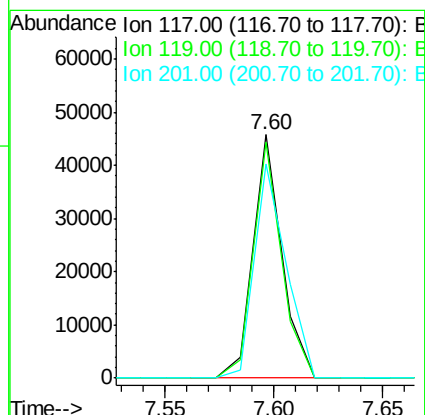
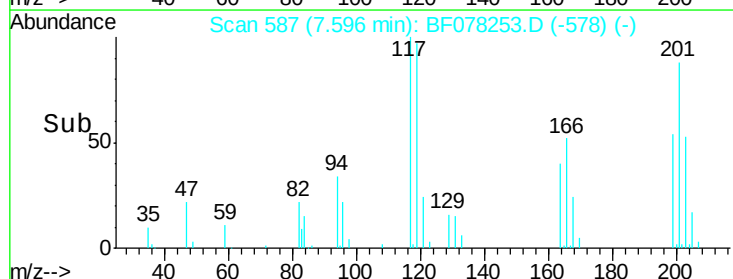
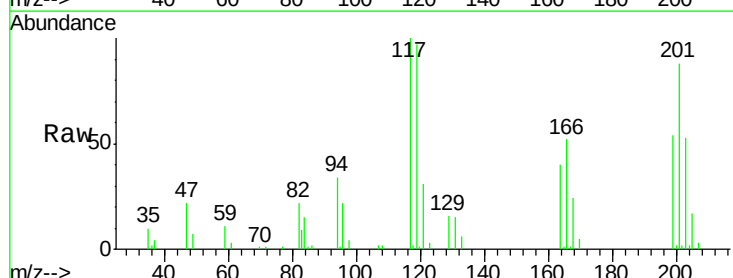
Instrument :
BNA_F
ClientSampleId :
PB82420BS

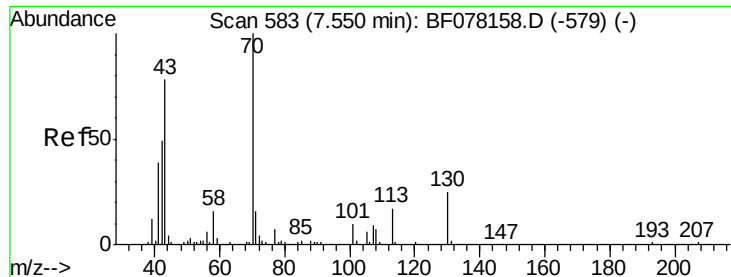
Tot Ion:107 Resp: 89085
Ion Ratio Lower Upper
107 100
108 113.2 90.3 135.5
77 49.2 35.5 53.3
79 46.6 34.2 51.4



#18
Hexachloroethane
Concen: 39.07 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion:117 Resp: 41911
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6
201 88.2 98.1 147.1#

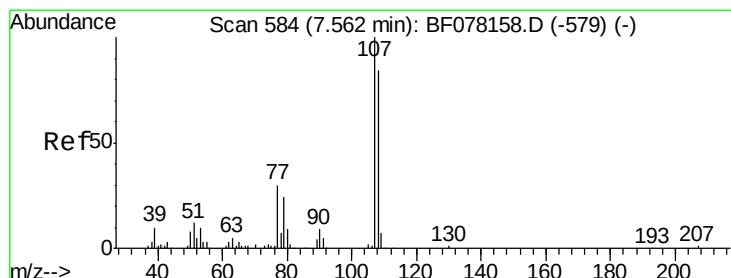
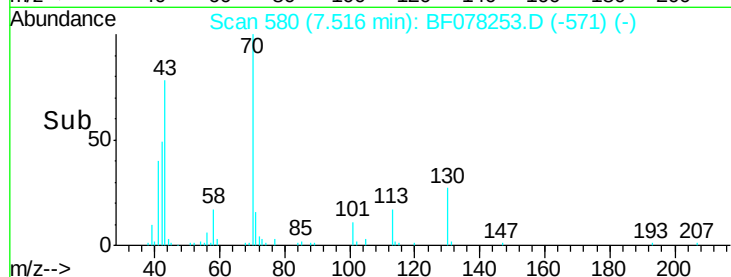
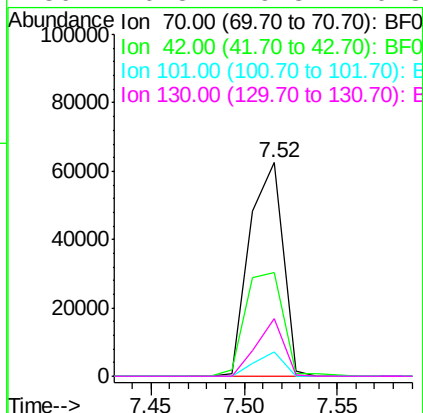
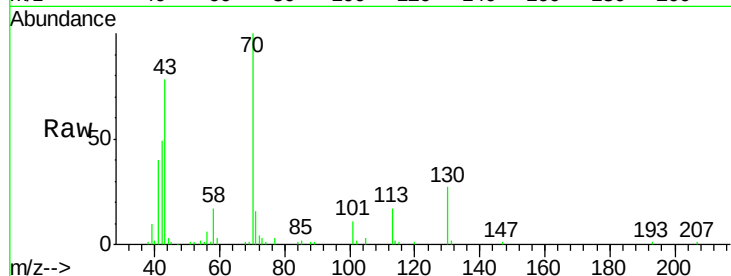




#19
n-Nitroso-di-n-propylamine
Concen: 38.43 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

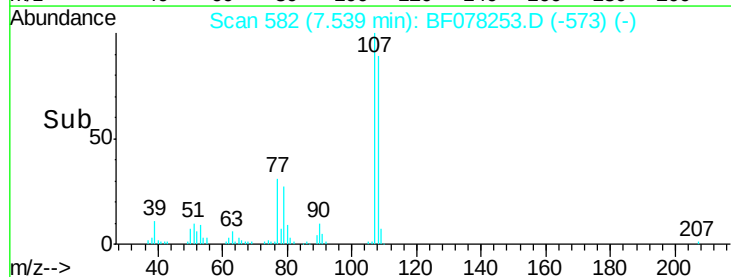
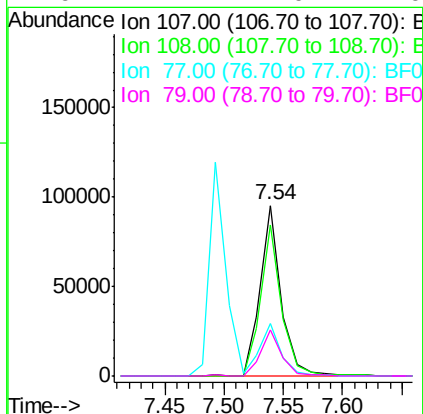
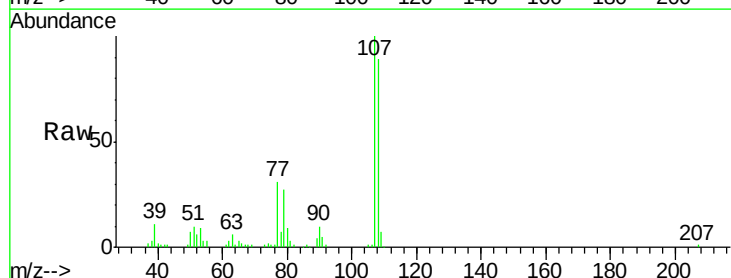
Instrument :
BNA_F
ClientSampleId :
PB82420BS

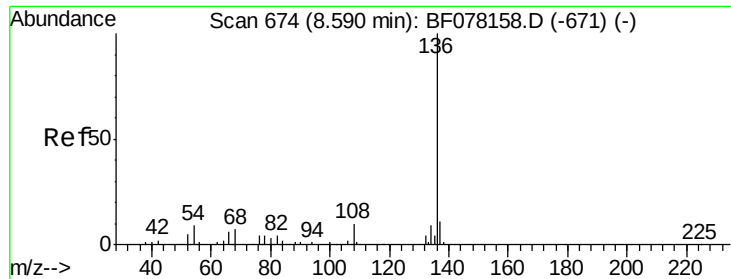
Tot Ion:	70	Resp:	77311
Ion	Ratio	Lower	Upper
70	100		
42	48.7	38.9	58.3
101	11.3	8.3	12.5
130	26.8	19.8	29.8



#20
3+4-Methylphenols
Concen: 39.66 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion:	107	Resp:	118182
Ion	Ratio	Lower	Upper
107	100		
108	88.8	64.4	104.4
77	30.6	9.7	49.7
79	27.1	4.0	44.0

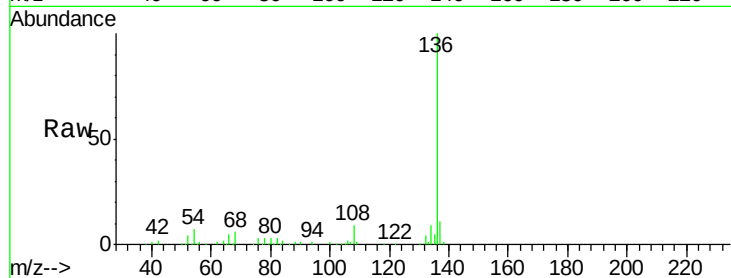




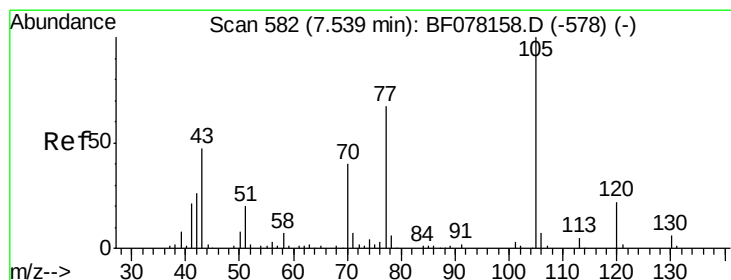
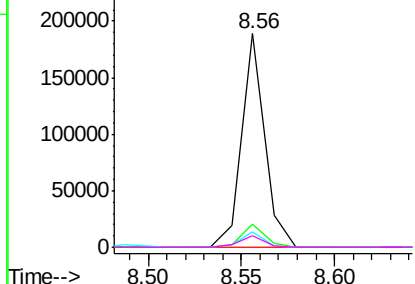
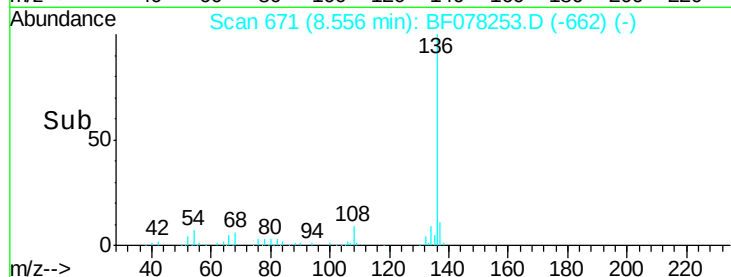
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion:136	Resp:	162738
Ion Ratio	Lower	Upper
136 100		
137 10.7	9.0	13.4
54 7.1	7.0	10.6
68 5.6	5.4	8.2

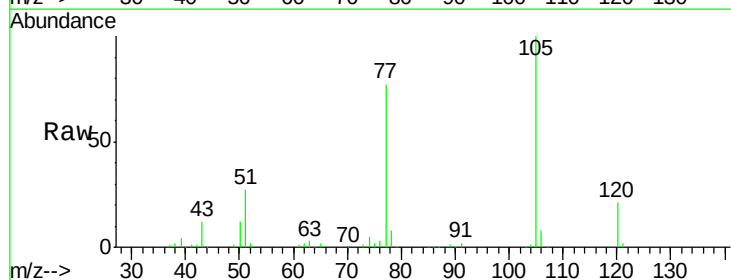


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

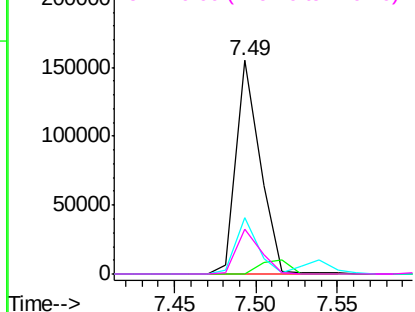
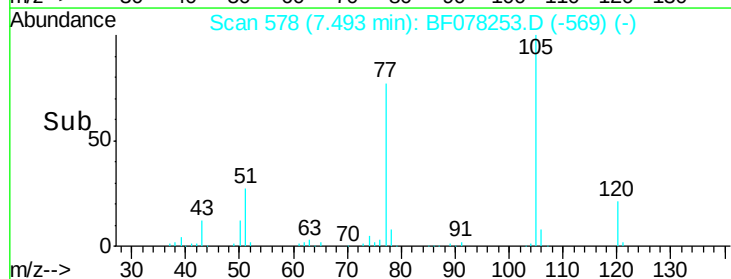


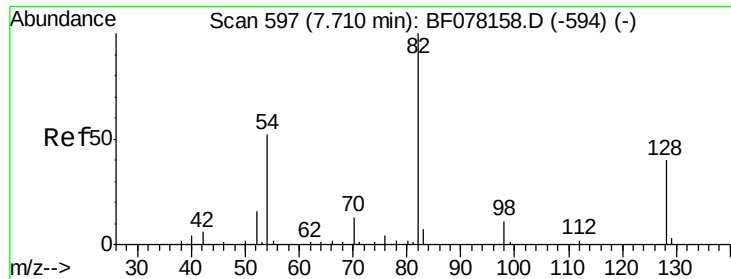
#22
Acetophenone
Concen: 41.67 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt	Ion:105	Resp:	157997
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	26.6	16.0	24.0#
120	20.9	17.8	26.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

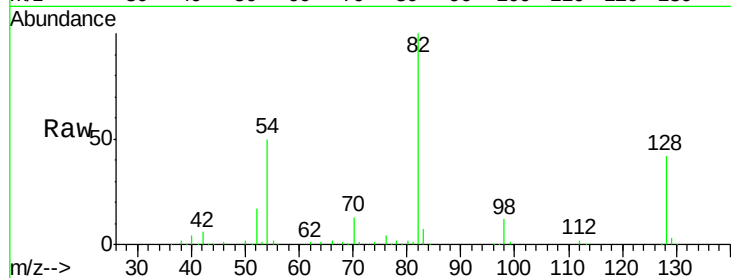




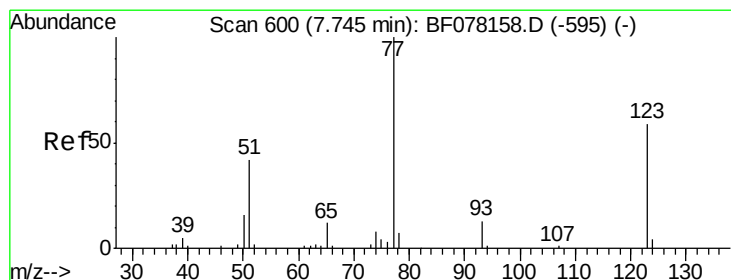
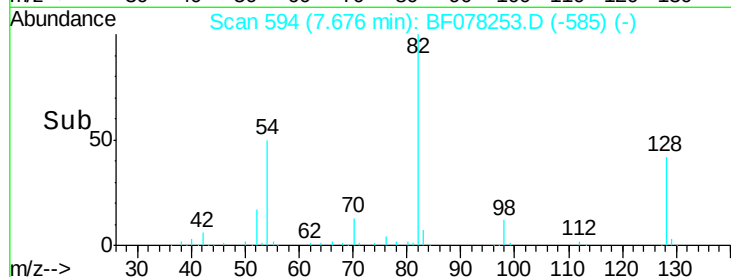
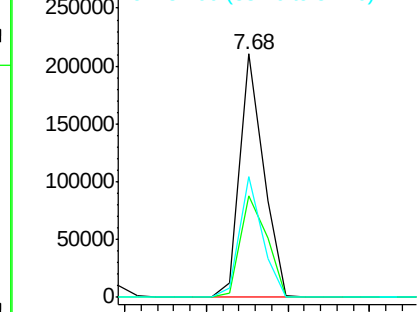
#23
 Nitrobenzene-d5
 Concen: 78.99 ng
 RT: 7.68 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Instrument :
 BNA_F
 ClientSampled :
 PB82420BS

Tot Ion	82.00	Resp	212087
Ion Ratio	Lower	Upper	
82	100		
128	41.7	31.8	47.8
54	49.8	41.5	62.3

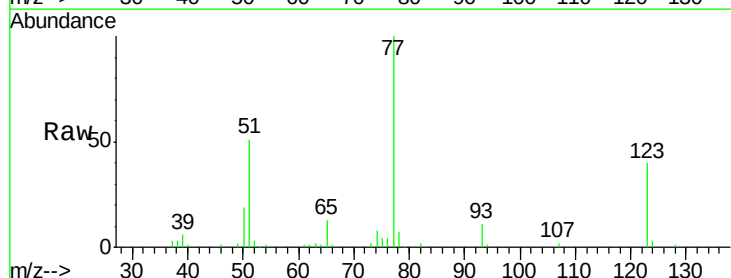


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

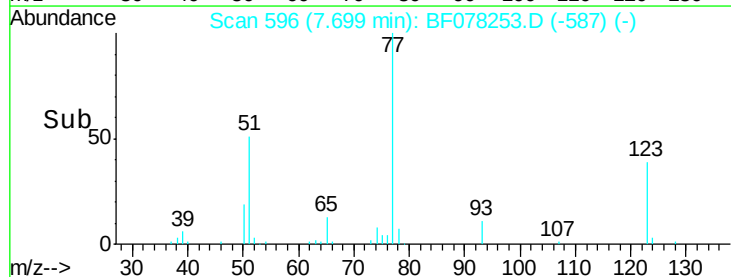
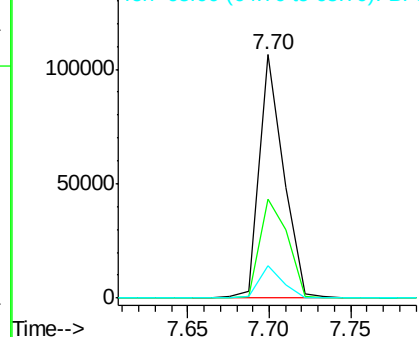


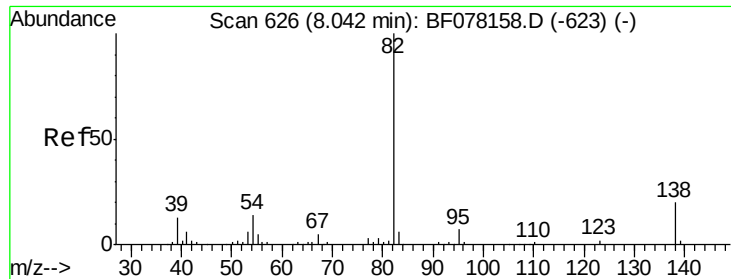
#24
 Nitrobenzene
 Concen: 39.22 ng
 RT: 7.70 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion	77.00	Resp	110079
Ion Ratio	Lower	Upper	
77	100		
123	40.4	46.9	70.3#
65	13.3	9.5	14.3



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: 40.48 ng

RT: 8.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

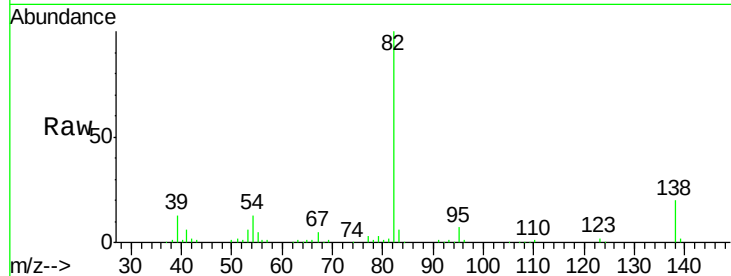
Tot Ion: 82 Resp: 206265

Ion Ratio Lower Upper

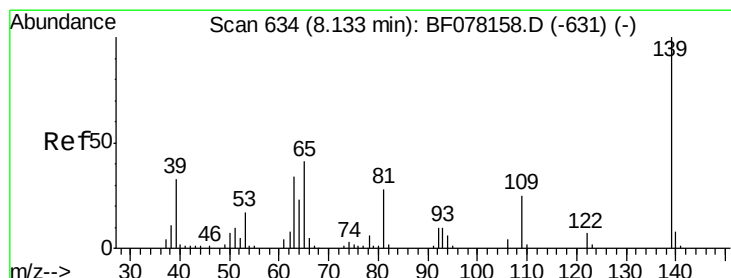
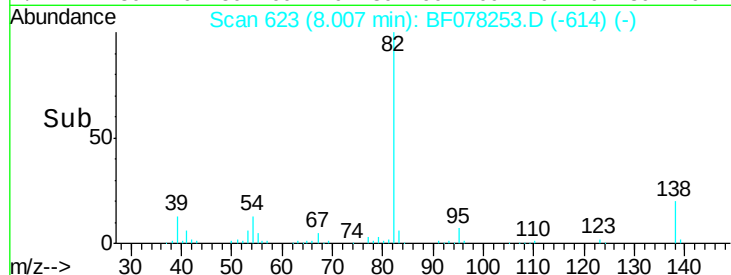
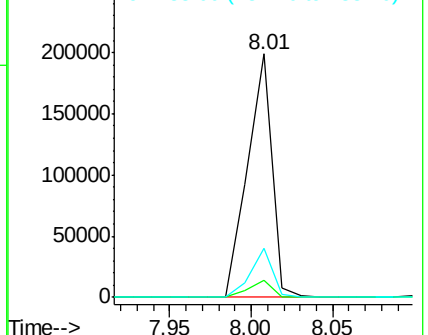
82 100

95 7.0 5.7 8.5

138 20.2 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.45 ng

RT: 8.10 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

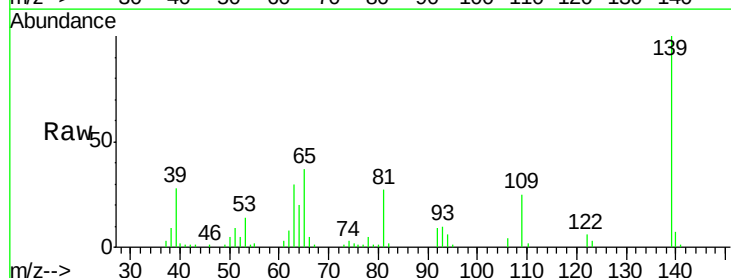
Tgt Ion: 139 Resp: 55441

Ion Ratio Lower Upper

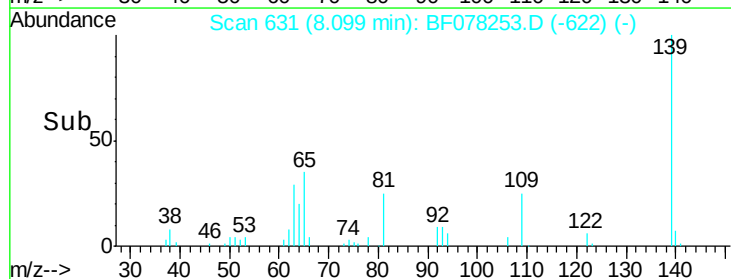
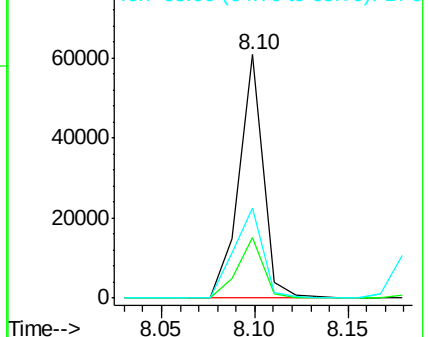
139 100

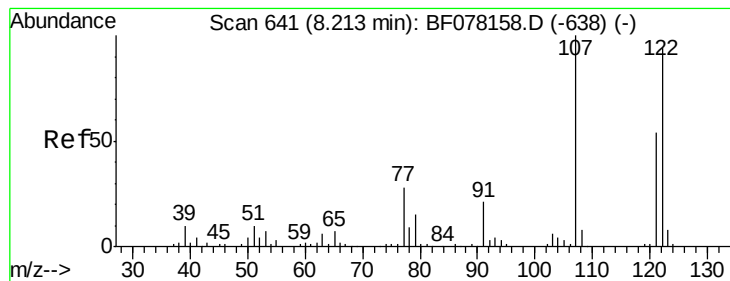
109 24.7 19.8 29.8

65 36.9 32.7 49.1



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





#27

2,4-Dimethylphenol

Concen: 39.87 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

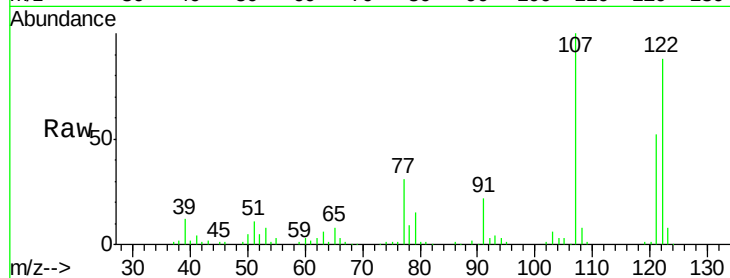
Tot Ion:122 Resp: 99165

Ion Ratio Lower Upper

122 100

107 113.3 84.6 127.0

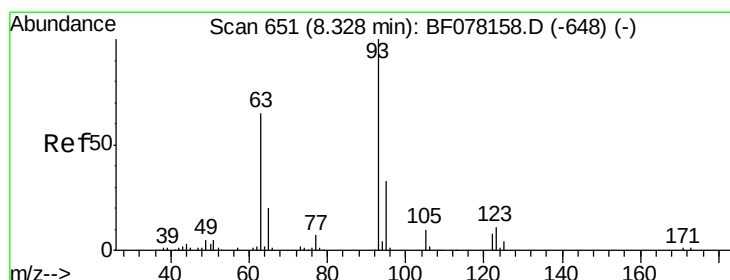
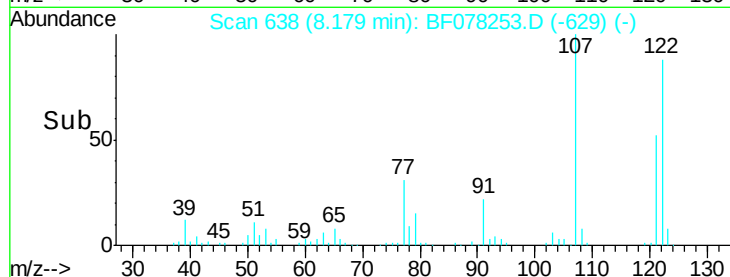
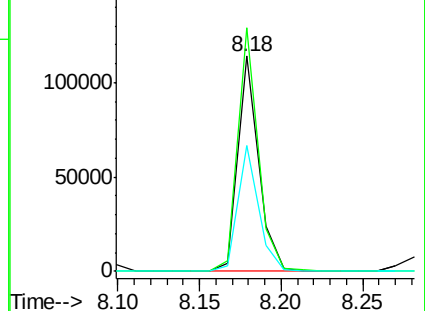
121 58.6 46.0 69.0



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: 41.37 ng

RT: 8.29 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

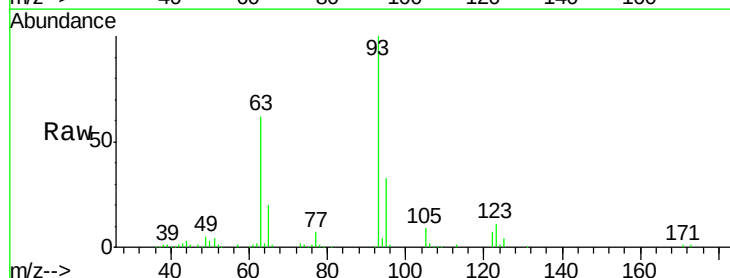
Tgt Ion: 93 Resp: 135191

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

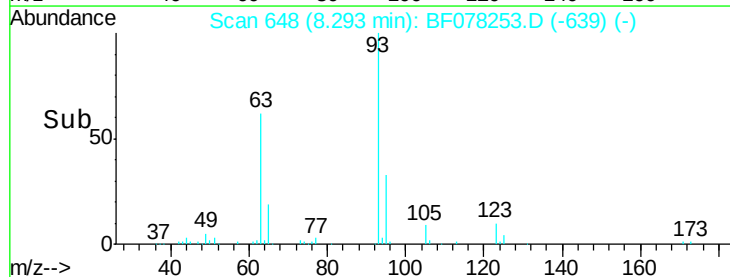
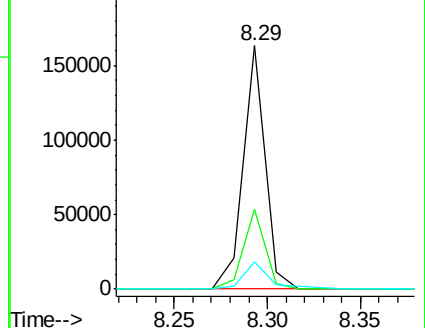
123 11.2 9.1 13.7

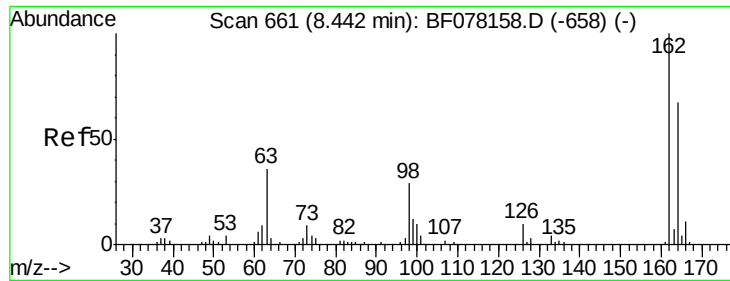


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

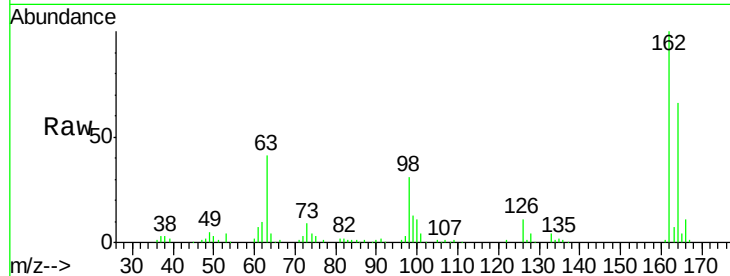




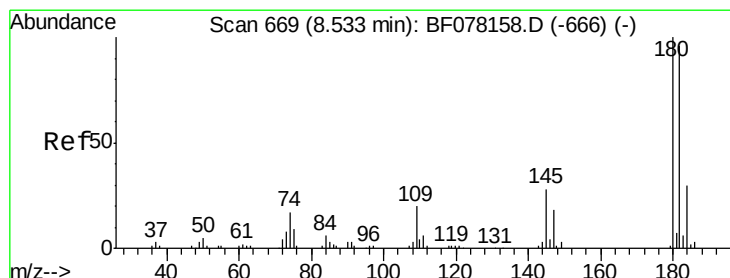
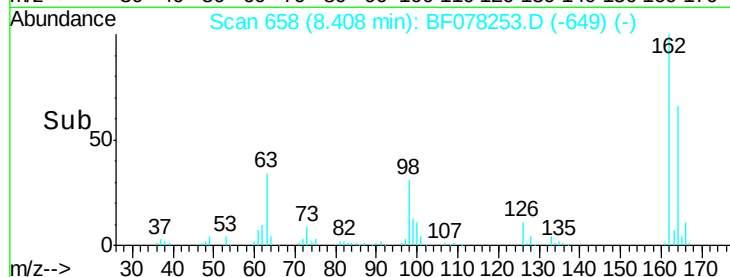
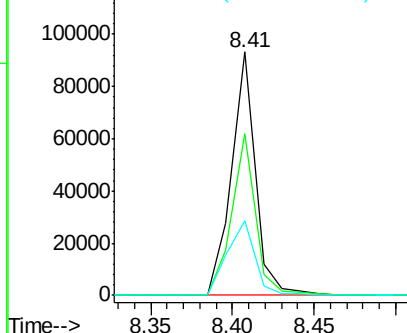
#29
 2,4-Dichlorophenol
 Concen: 41.88 ng
 RT: 8.41 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion:162 Resp: 94759
 Ion Ratio Lower Upper
 162 100
 164 66.2 47.0 87.0
 98 30.6 9.2 49.2

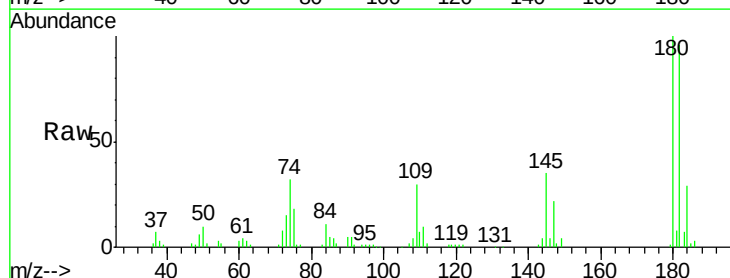


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

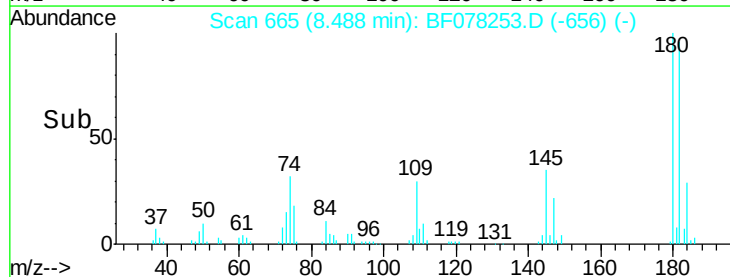
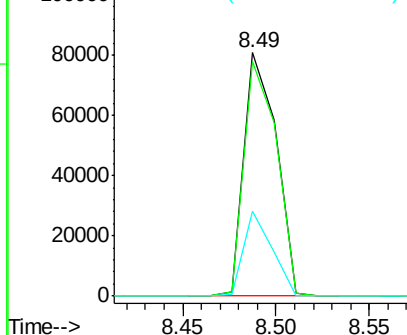


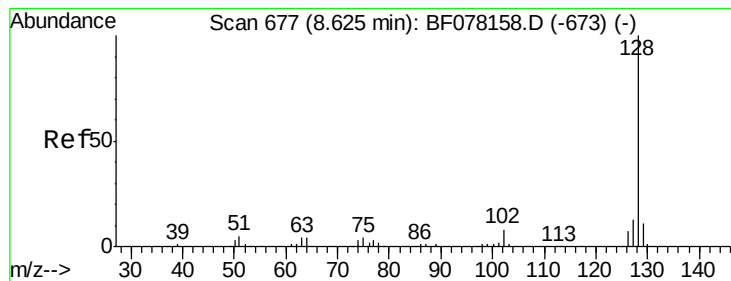
#30
 1,2,4-Trichlorobenzene
 Concen: 37.41 ng
 RT: 8.49 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:180 Resp: 97052
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.9 115.3
 145 35.0 22.5 33.7#



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: 38.46 ng

RT: 8.58 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

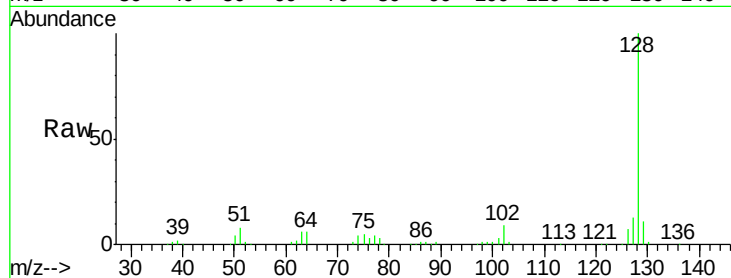
Tot Ion:128 Resp: 325759

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

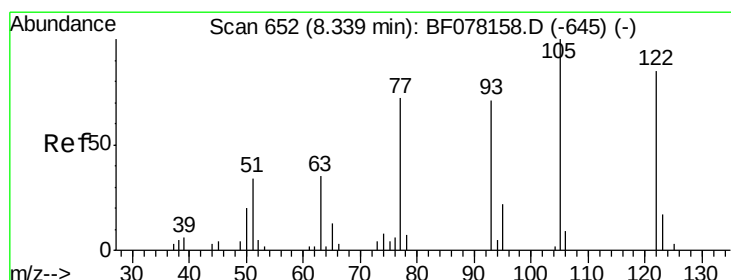
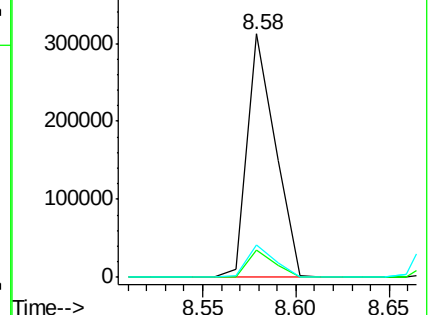
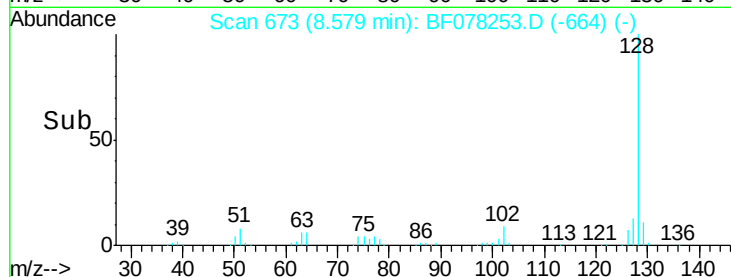
127 13.1 10.7 16.1



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: 48.77 ng

RT: 8.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

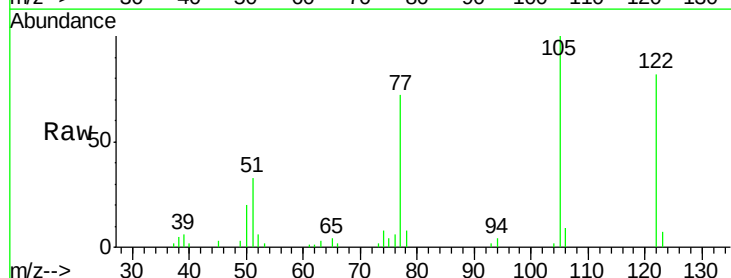
Tgt Ion:122 Resp: 57170

Ion Ratio Lower Upper

122 100

105 122.4 96.1 136.1

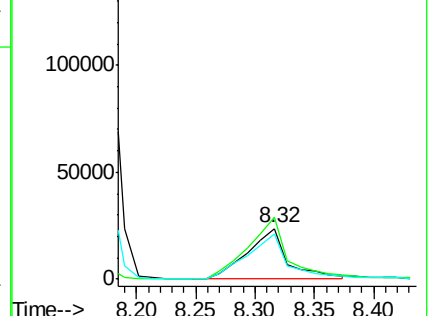
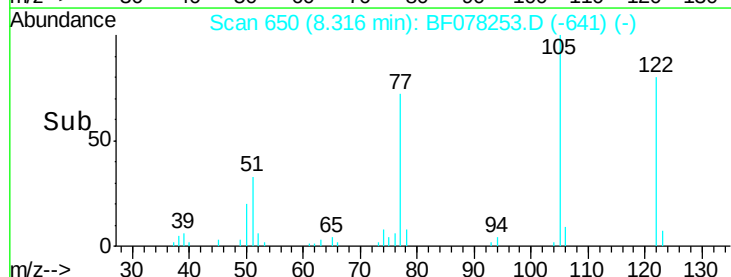
77 88.3 64.1 104.1

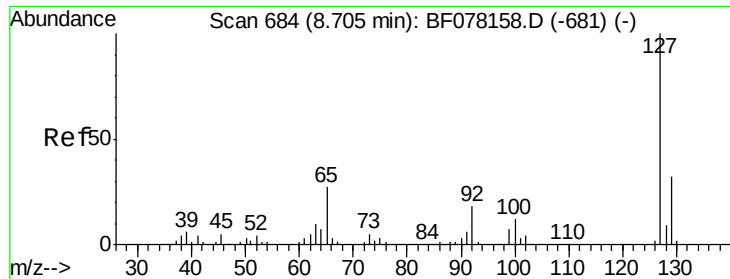


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

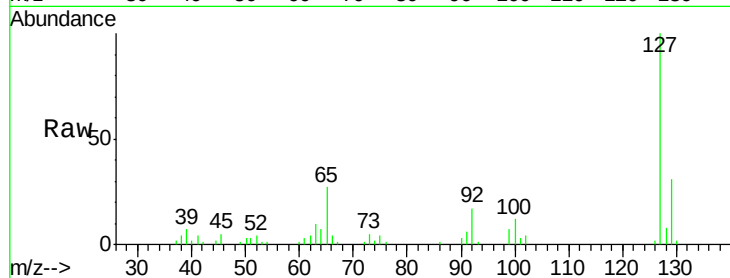




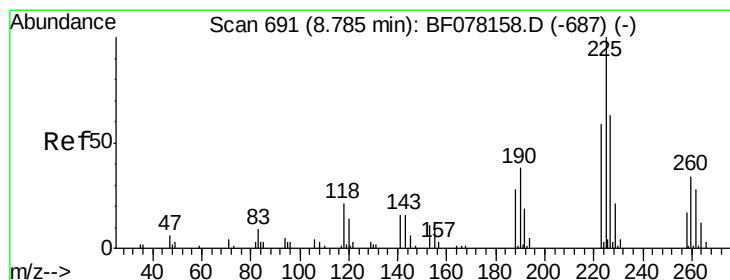
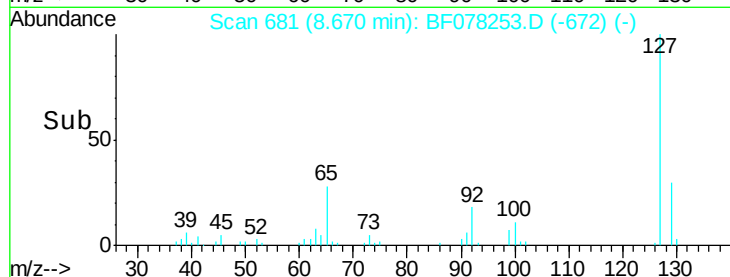
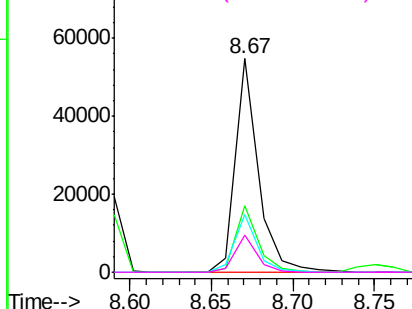
#33
4-Chloroaniline
Concen: 15.04 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion:	127	Resp:	52880
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.5	38.3
65	27.1	21.7	32.5
92	17.5	14.6	21.8

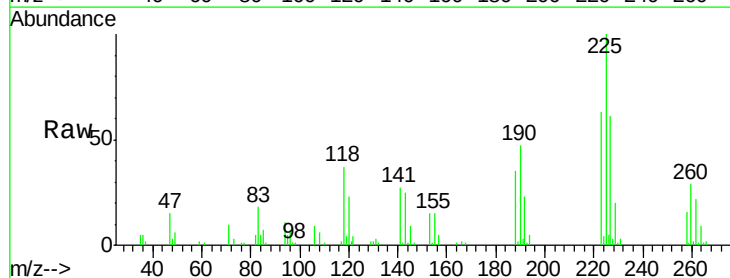


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

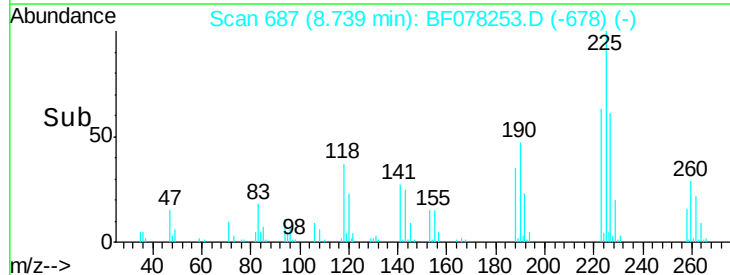
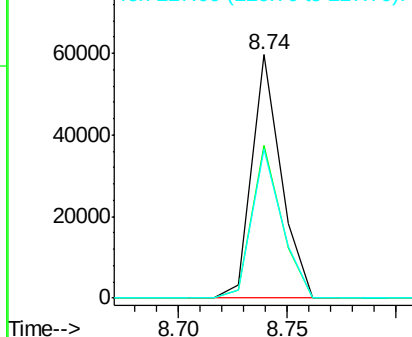


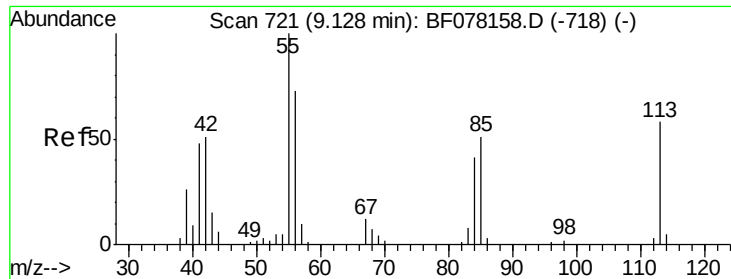
#34
Hexachlorobutadiene
Concen: 39.17 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion:	225	Resp:	55795
Ion	Ratio	Lower	Upper
225	100		
223	63.0	47.5	71.3
227	61.4	50.2	75.2



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

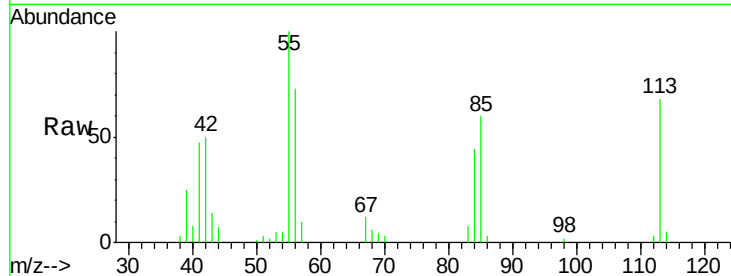




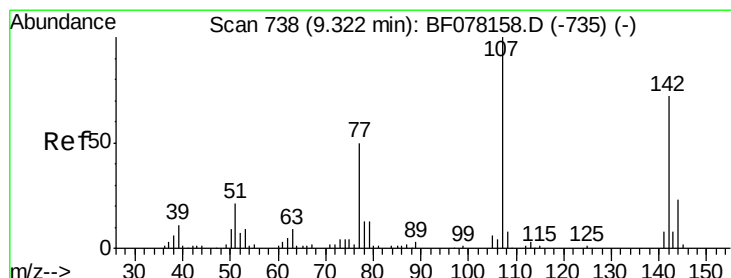
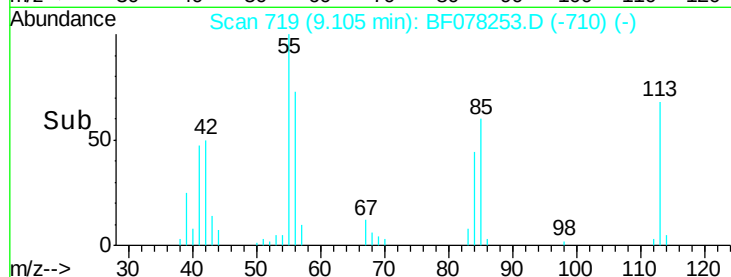
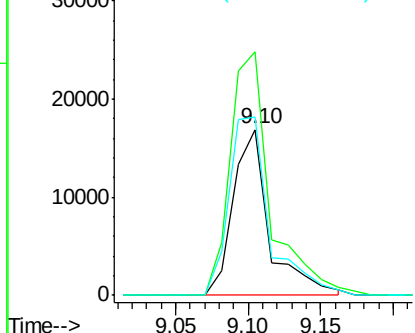
#35
 Caprolactam
 Concen: 43.43 ng
 RT: 9.10 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion:113 Resp: 29333
 Ion Ratio Lower Upper
 113 100
 55 146.6 151.9 191.9#
 56 107.6 106.1 146.1

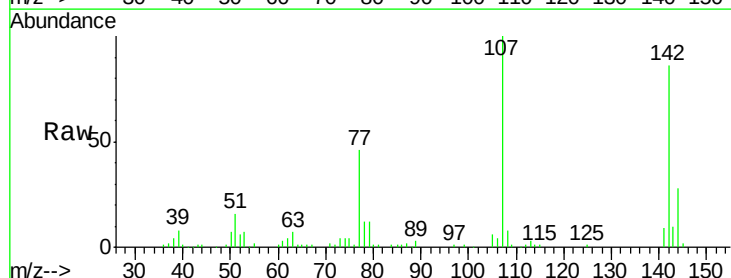


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

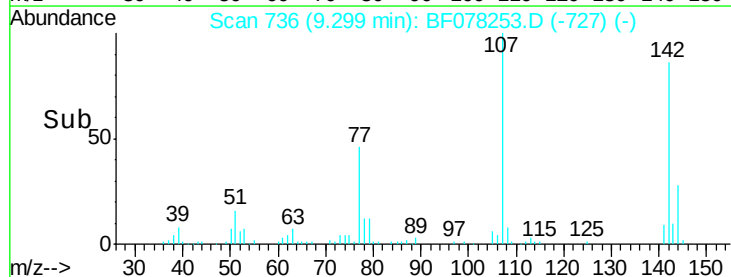
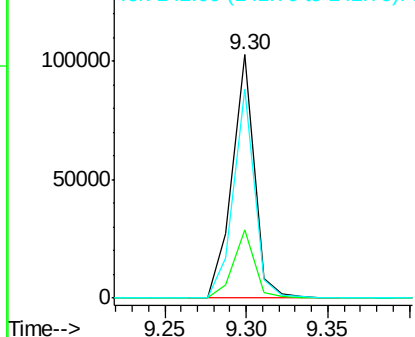


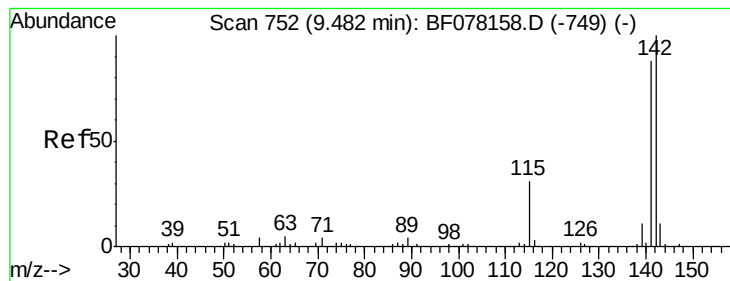
#36
 4-Chloro-3-methylphenol
 Concen: 42.58 ng
 RT: 9.30 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:107 Resp: 97219
 Ion Ratio Lower Upper
 107 100
 144 28.1 18.2 27.2#
 142 85.7 58.0 87.0



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: 38.77 ng

RT: 9.44 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

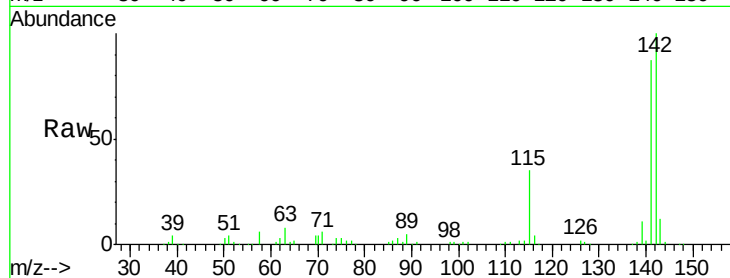
Tot Ion:142 Resp: 222974

Ion Ratio Lower Upper

142 100

141 87.1 70.3 105.5

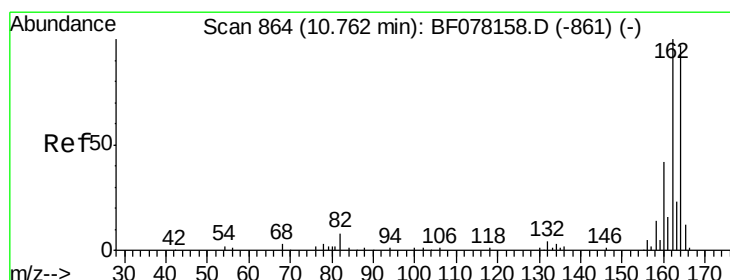
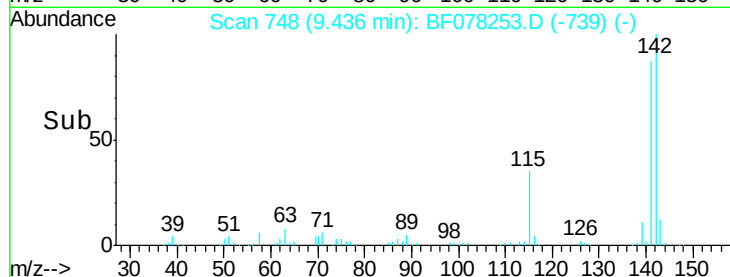
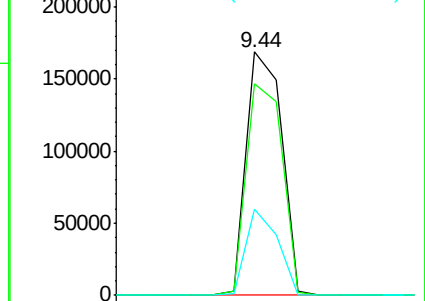
115 35.4 24.6 37.0



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: 10.72 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

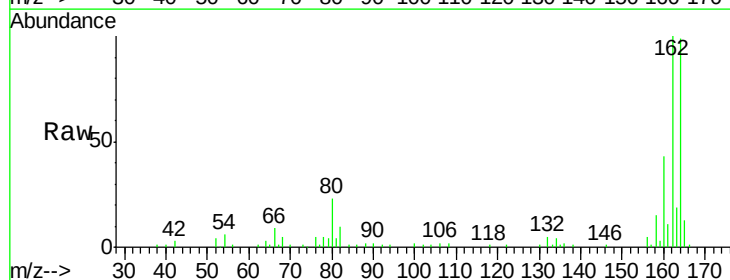
Tgt Ion:164 Resp: 80739

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

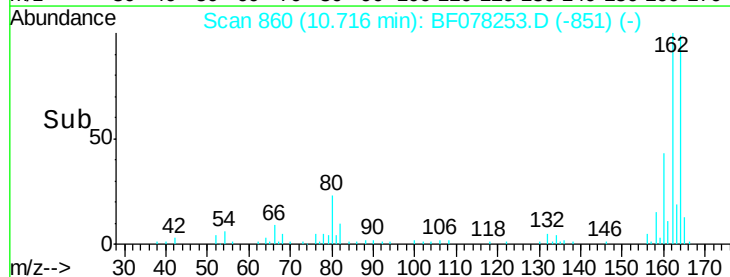
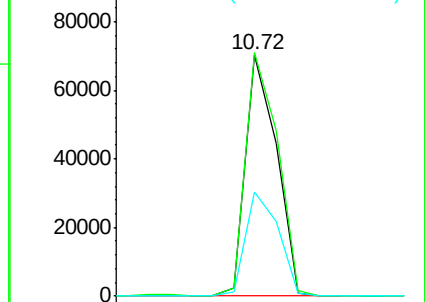
160 43.0 34.7 52.1

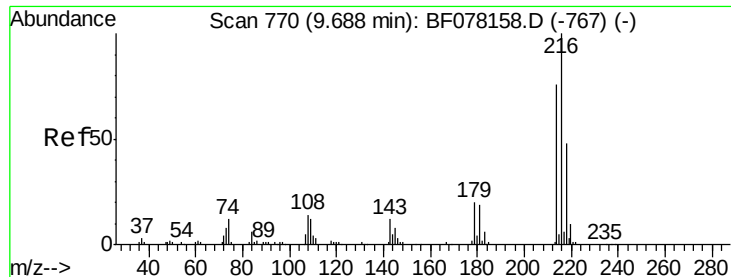


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

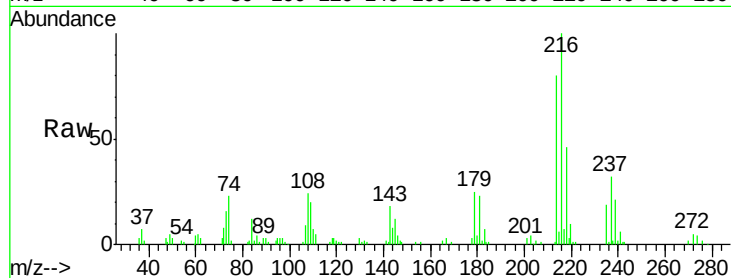




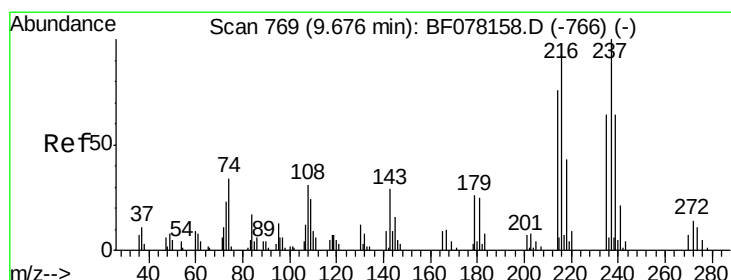
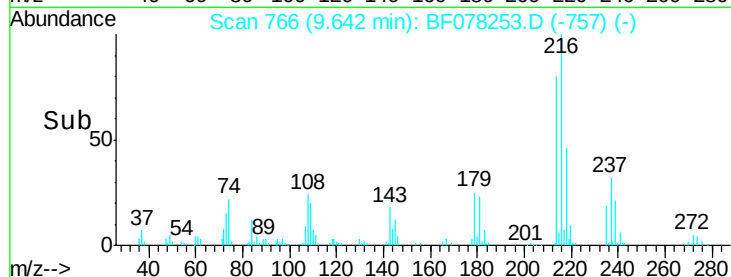
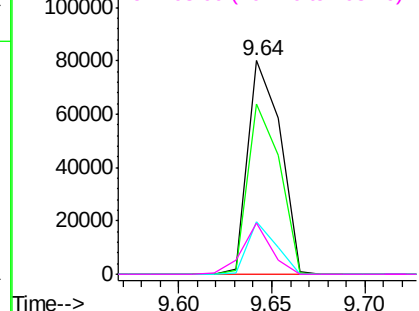
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.88 ng
 RT: 9.64 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion:216	Resp:	97268
Ion Ratio	Lower	Upper
216	100	
214	77.6	62.0 93.0
179	21.6	17.3 25.9
108	21.4	14.6 21.8

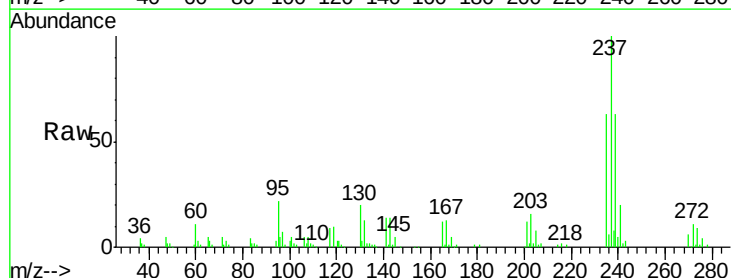


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

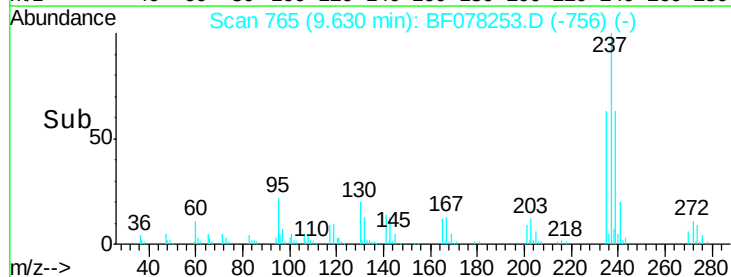
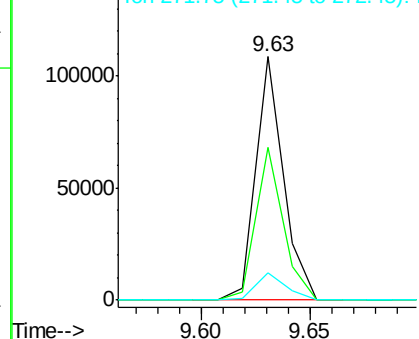


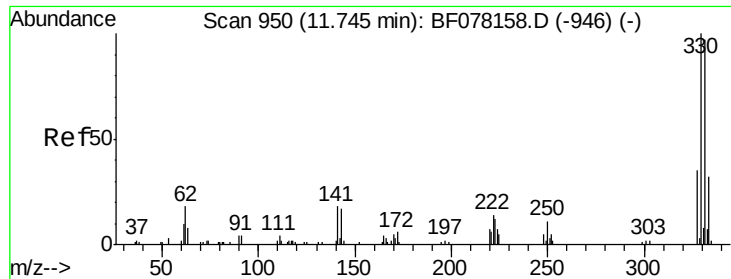
#40
 Hexachlorocyclopentadiene
 Concen: 87.89 ng
 RT: 9.63 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:237	Resp:	95450
Ion Ratio	Lower	Upper
237	100	
235	62.9	44.1 84.1
272	11.2	0.0 34.4



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: 144.06 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

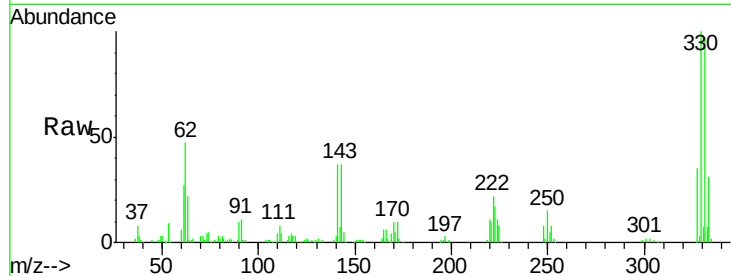
Tot Ion:330 Resp: 96465

Ion Ratio Lower Upper

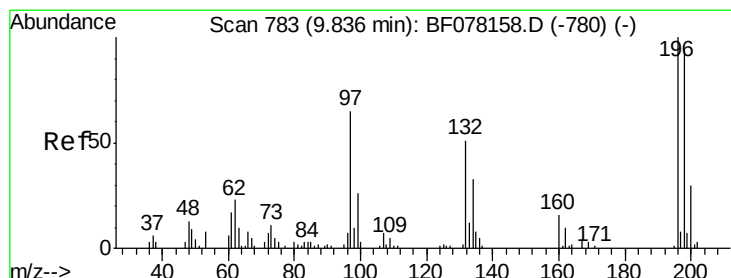
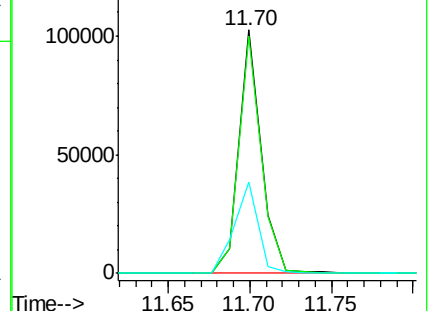
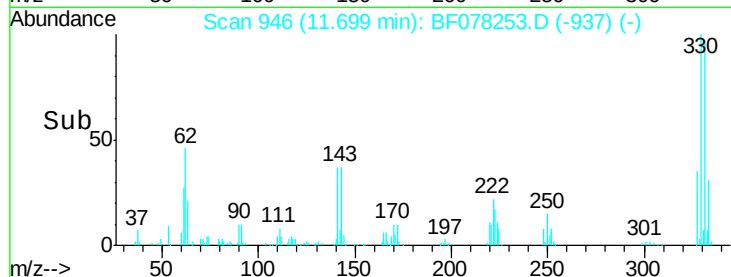
330 100

332 97.0 78.6 117.8

141 39.5 31.2 46.8



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: 43.45 ng

RT: 9.80 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

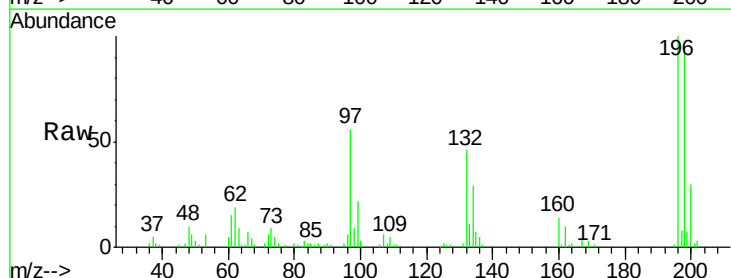
Tgt Ion:196 Resp: 68559

Ion Ratio Lower Upper

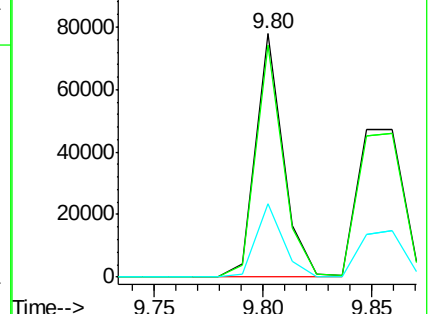
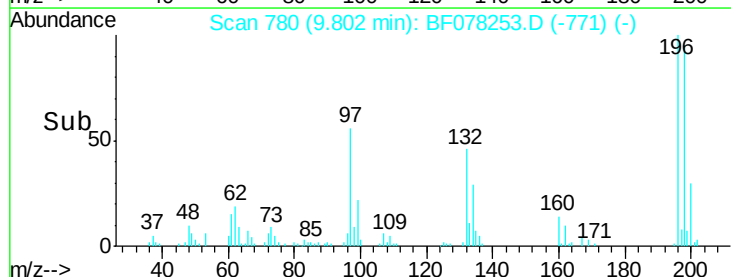
196 100

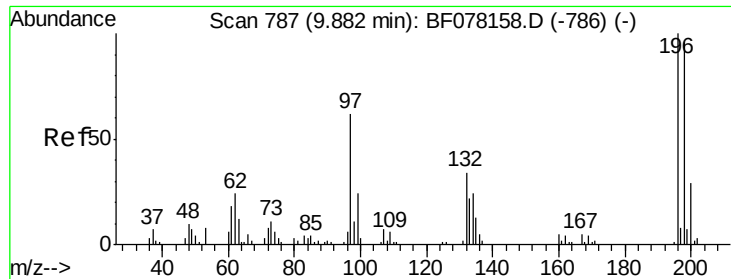
198 95.5 75.4 113.2

200 30.3 24.0 36.0



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

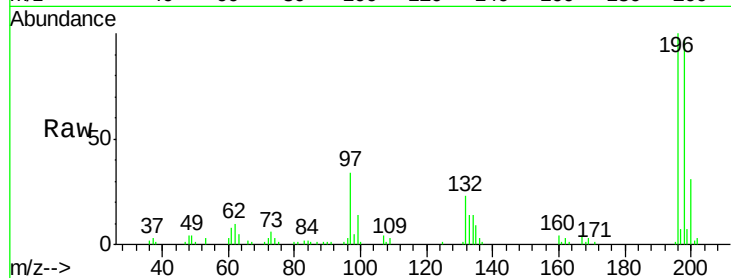




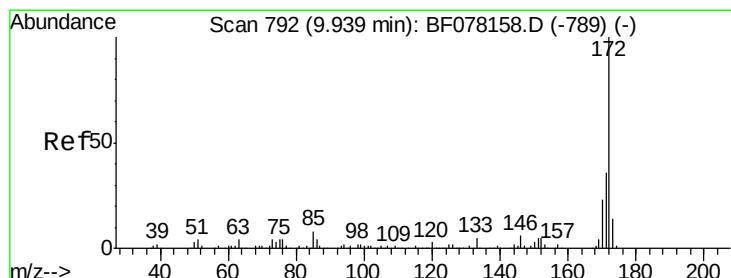
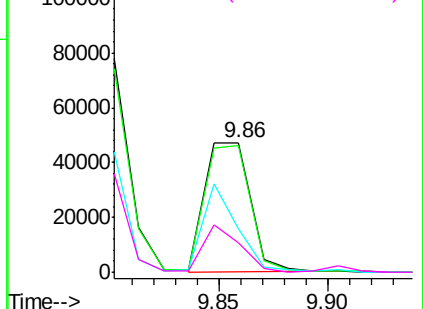
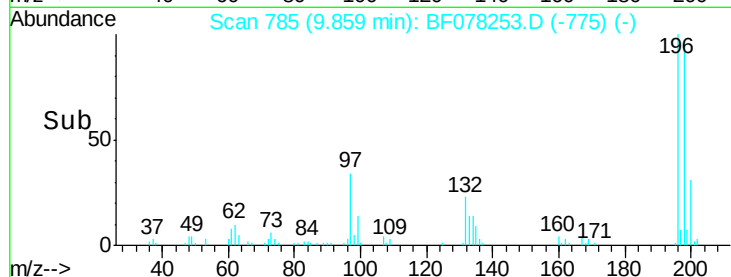
#43
 2,4,5-Trichlorophenol
 Concen: 41.49 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Instrument :
 BNA_F
 ClientSampleID :
 PB82420BS

Tot Ion:196 Resp: 68393
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.6 115.0
 97 33.7 50.6 75.8#
 132 22.6 27.7 41.5#

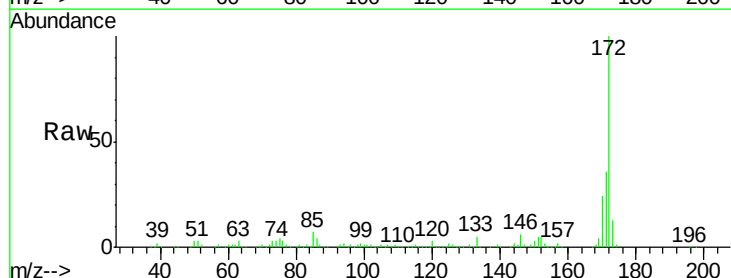


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

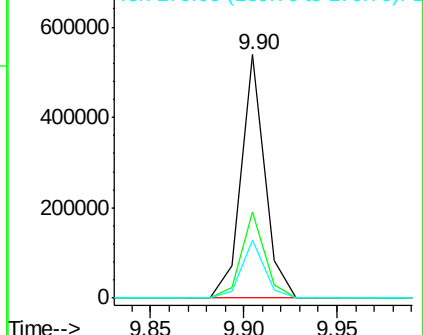
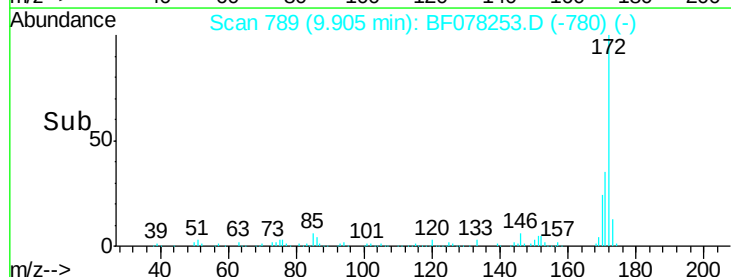


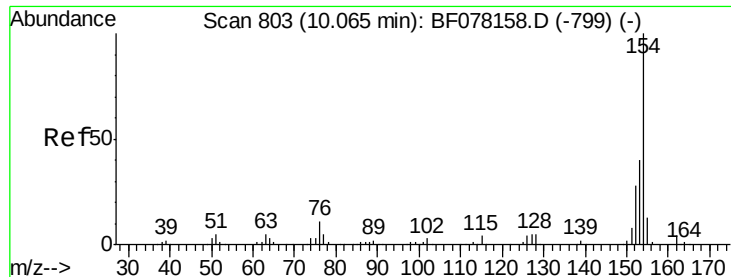
#44
 2-Fluorobiphenyl
 Concen: 84.23 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:172 Resp: 475785
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 24.1 18.5 27.7



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

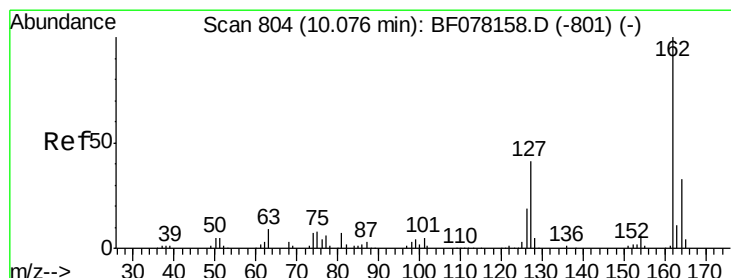
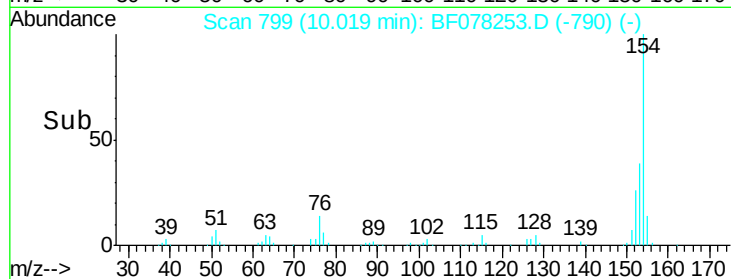
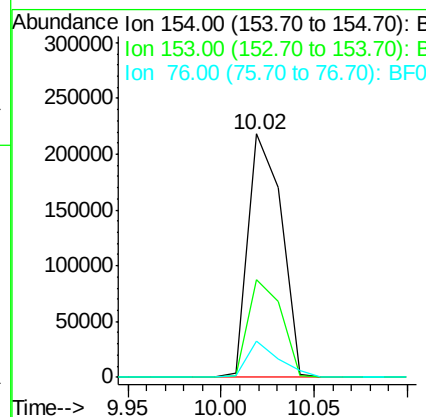
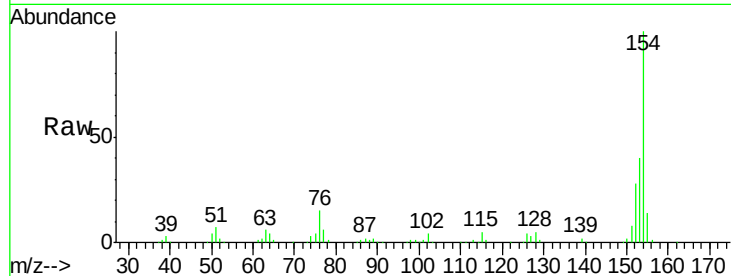




#45
 1,1'-Biphenyl
 Concen: 41.11 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

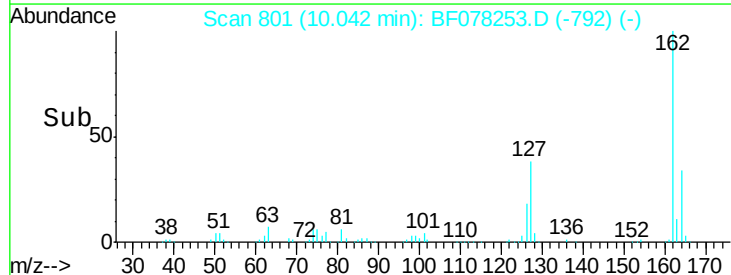
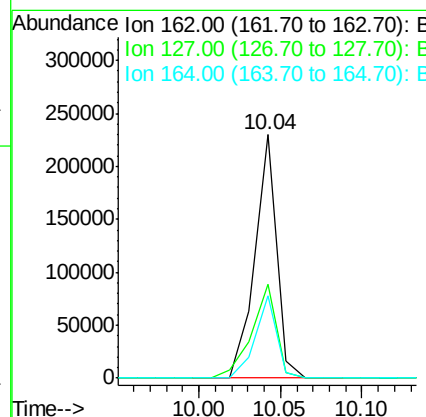
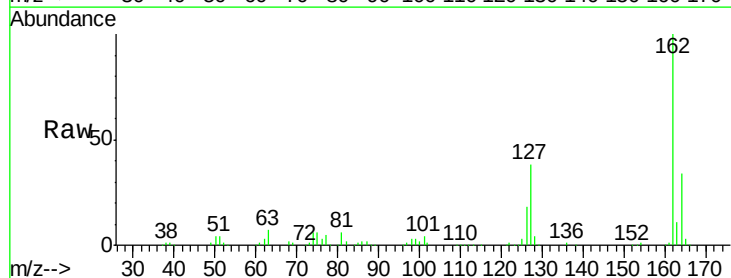
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

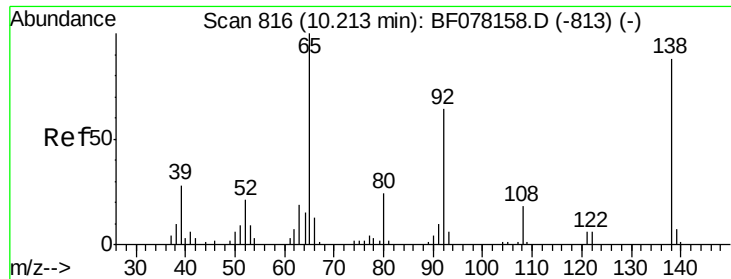
Tot Ion:154 Resp: 271475
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.0 60.0
 76 14.9 0.0 30.6



#46
 2-Chloronaphthalene
 Concen: 40.88 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:162 Resp: 212398
 Ion Ratio Lower Upper
 162 100
 127 38.3 32.6 49.0
 164 33.9 26.0 39.0

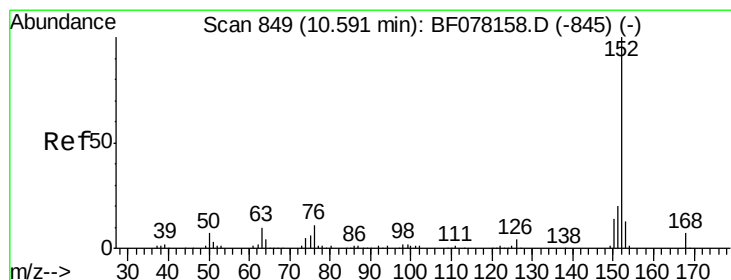
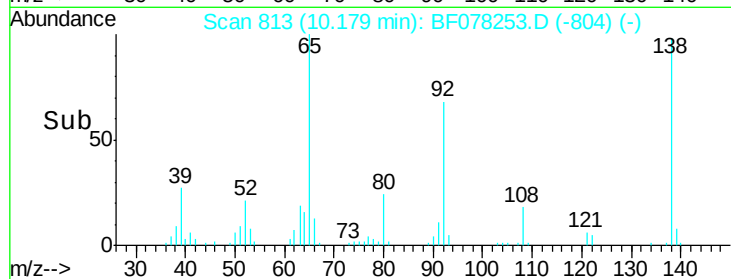
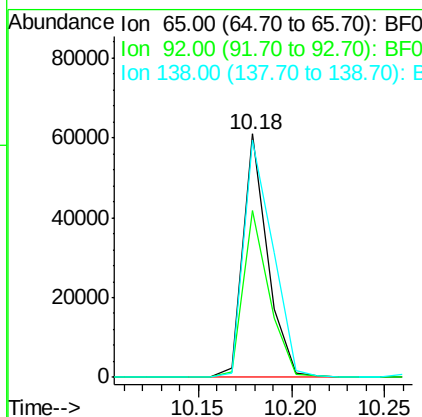
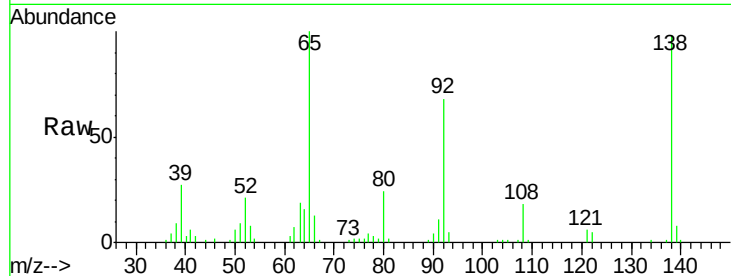




#47
2-Nitroaniline
Concen: 43.76 ng
RT: 10.18 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

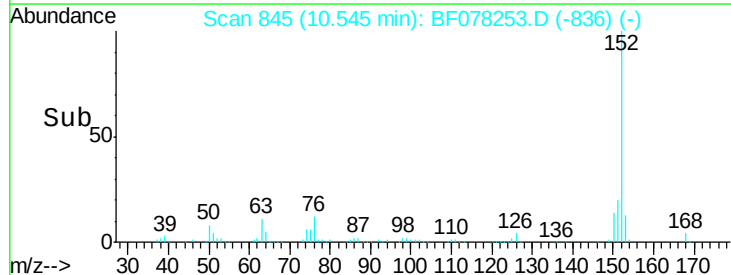
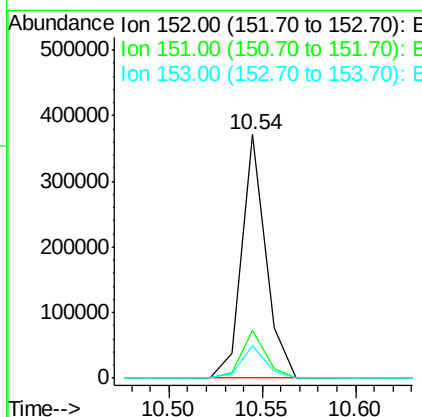
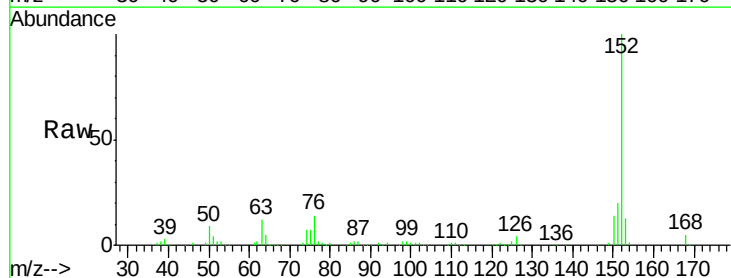
Instrument :
BNA_F
ClientSampleId :
PB82420BS

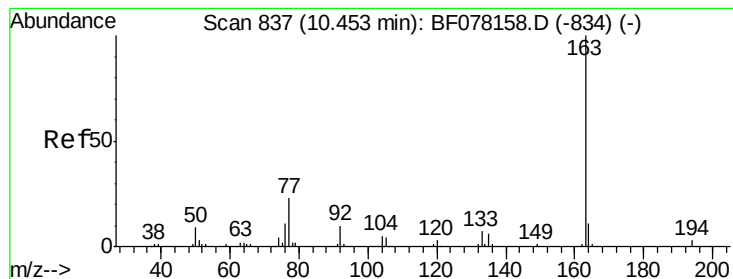
Tot Ion: 65 Resp: 56253
Ion Ratio Lower Upper
65 100
92 68.5 51.3 76.9
138 97.5 70.4 105.6



#48
Acenaphthylene
Concen: 39.83 ng
RT: 10.54 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion: 152 Resp: 334174
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.4 10.2 15.2





#49

Dimethylphthalate

Concen: 40.91 ng

RT: 10.42 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

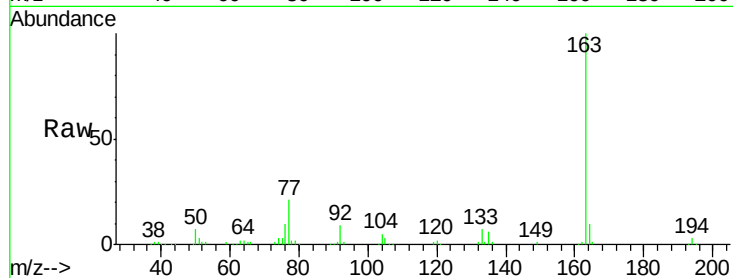
Tot Ion:163 Resp: 248174

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

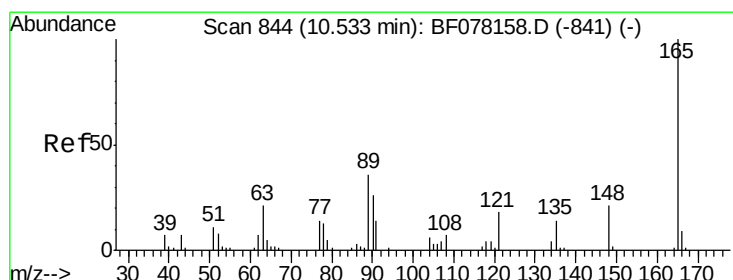
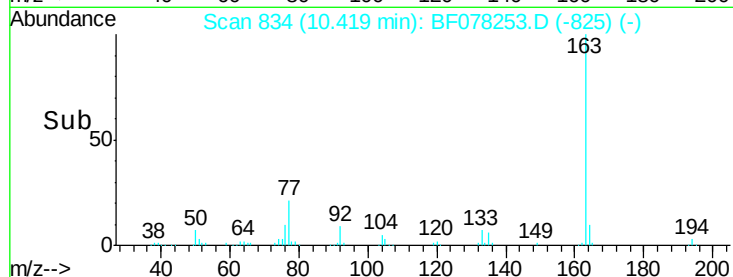
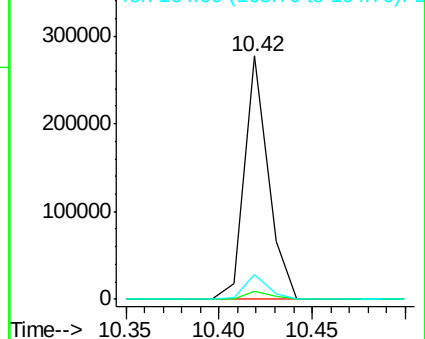
164 10.2 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.53 ng

RT: 10.49 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

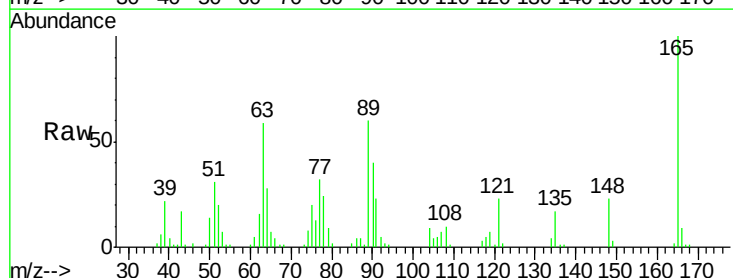
Tgt Ion:165 Resp: 53073

Ion Ratio Lower Upper

165 100

63 59.4 24.1 36.1#

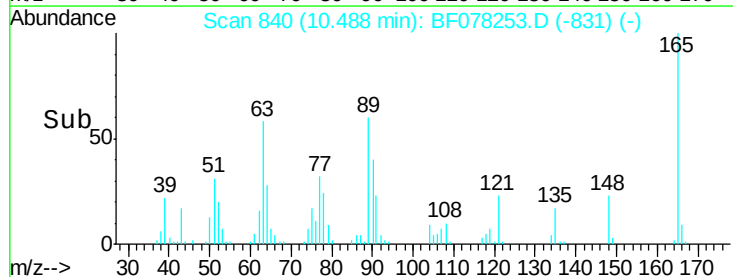
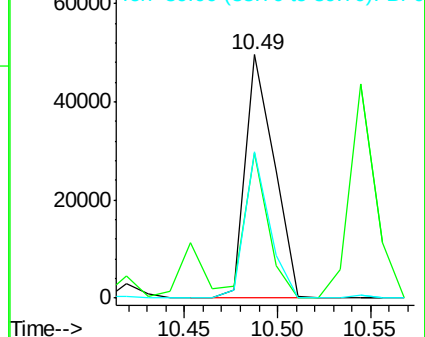
89 59.9 28.9 43.3#

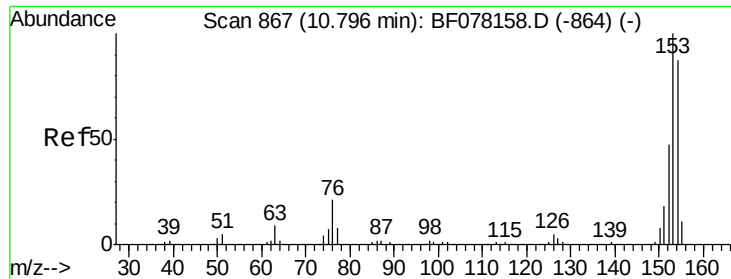


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.89 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

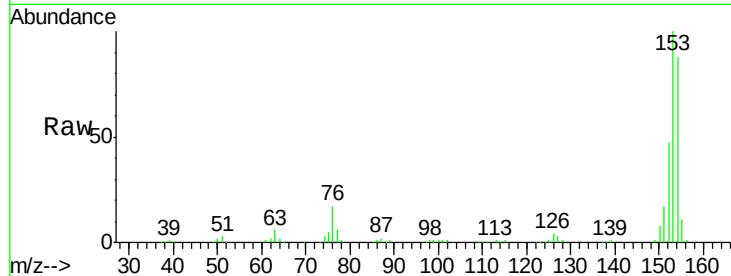
Tot Ion:154 Resp: 202599

Ion Ratio Lower Upper

154 100

153 113.2 91.4 137.2

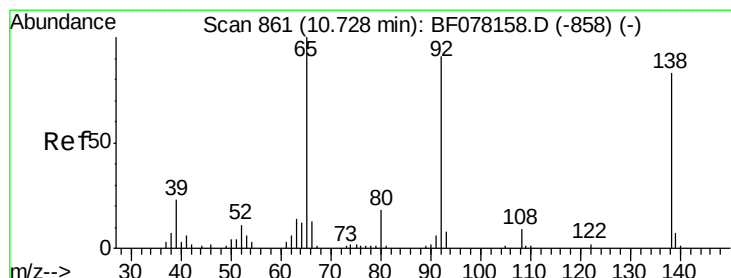
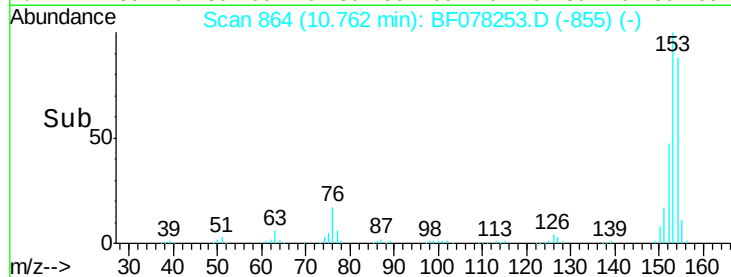
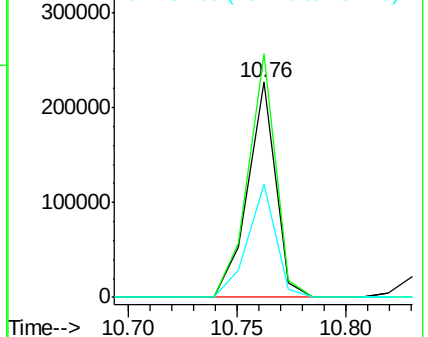
152 52.6 43.0 64.6



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: 21.63 ng

RT: 10.69 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

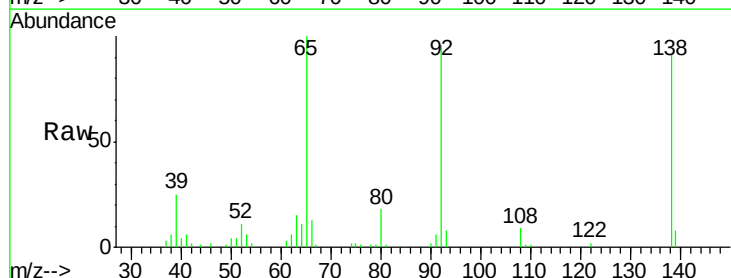
Tgt Ion:138 Resp: 30698

Ion Ratio Lower Upper

138 100

108 9.9 8.2 12.4

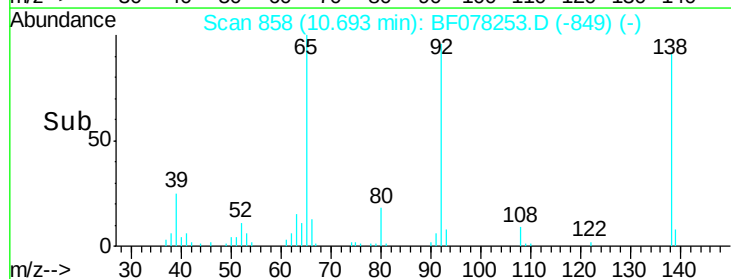
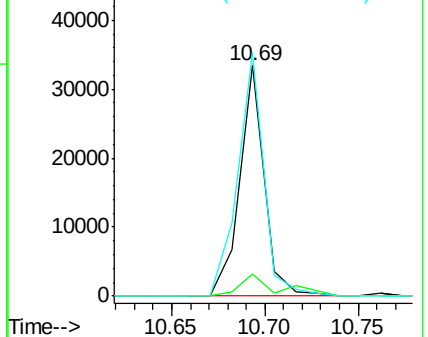
92 105.6 88.4 132.6

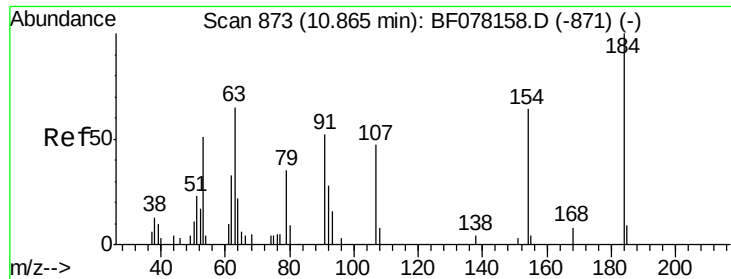


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

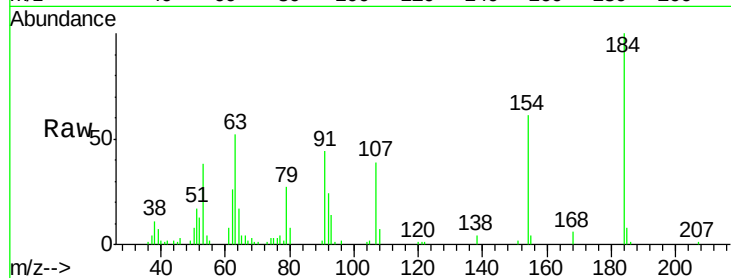




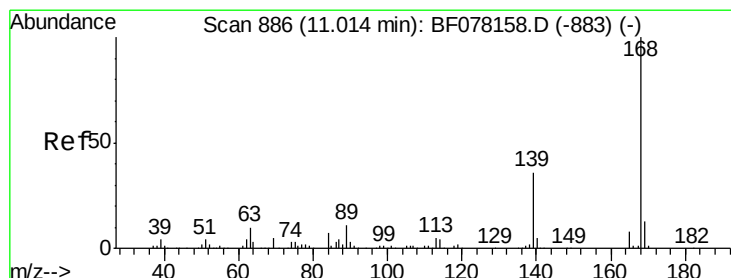
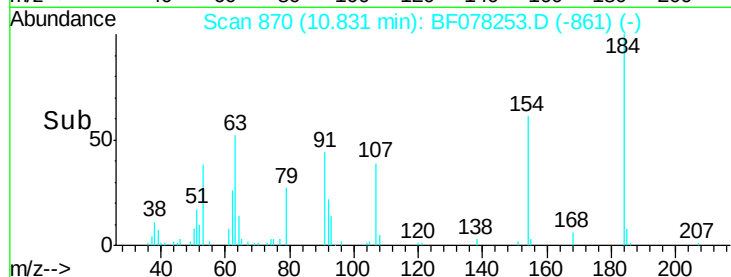
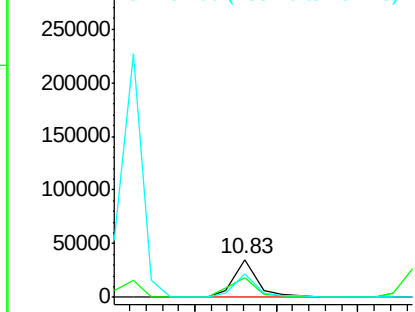
#53
 2,4-Dinitrophenol
 Concen: 75.37 ng
 RT: 10.83 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion:184 Resp: 35515
 Ion Ratio Lower Upper
 184 100
 63 52.3 51.9 77.9
 154 61.3 51.0 76.4

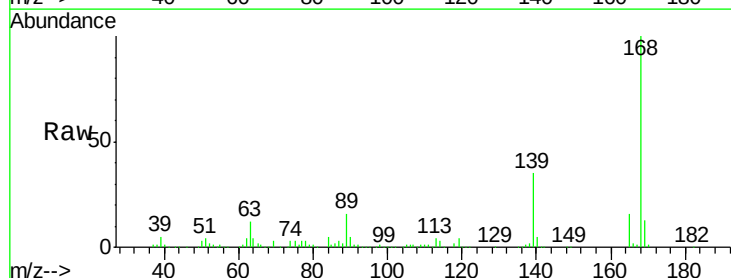


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

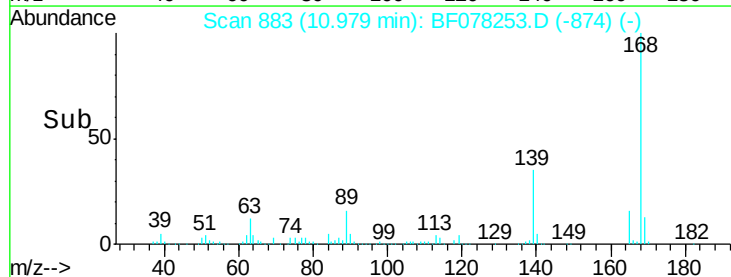
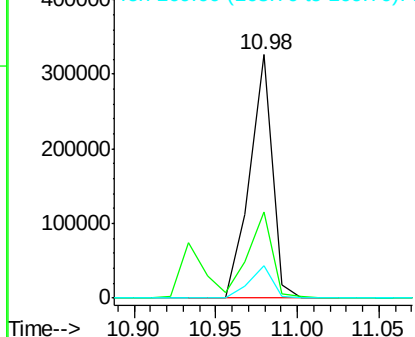


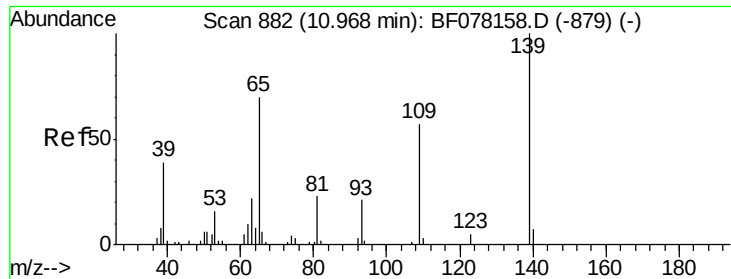
#54
 Dibenzofuran
 Concen: 43.41 ng
 RT: 10.98 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:168 Resp: 313218
 Ion Ratio Lower Upper
 168 100
 139 35.2 31.0 46.4
 169 13.3 10.7 16.1



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

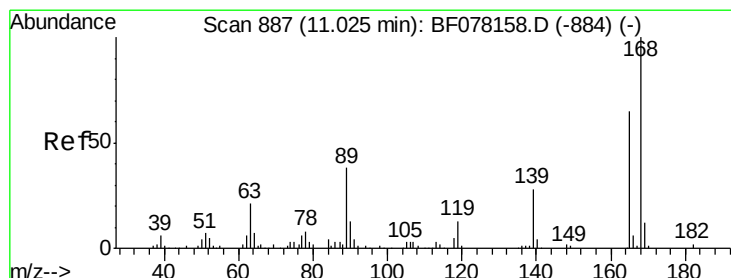
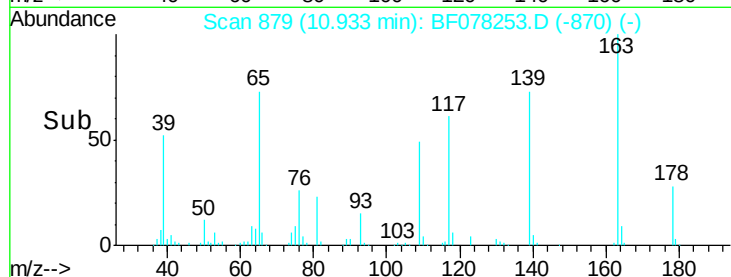
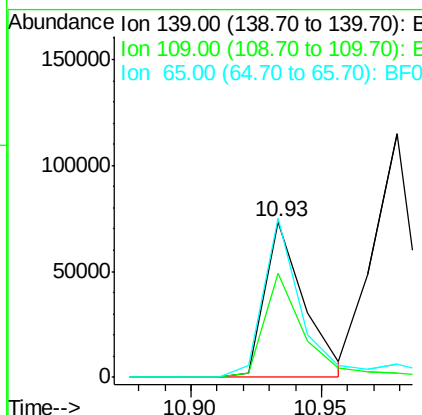
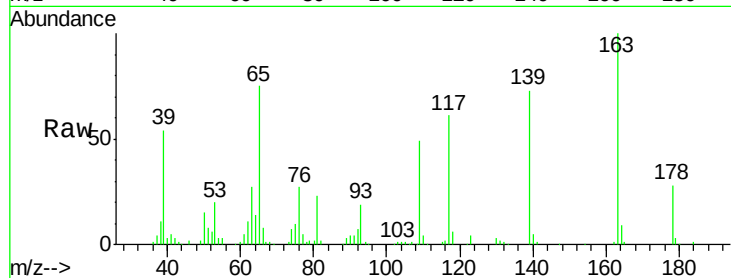




#55
4-Nitrophenol
Concen: 74.37 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

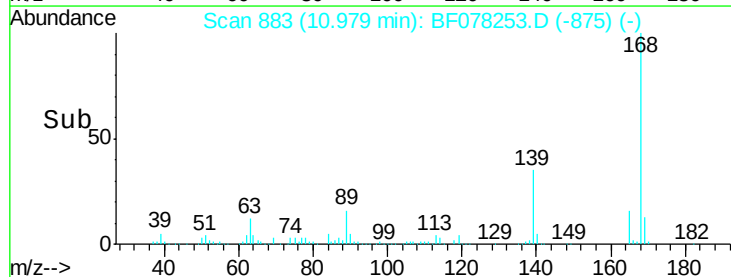
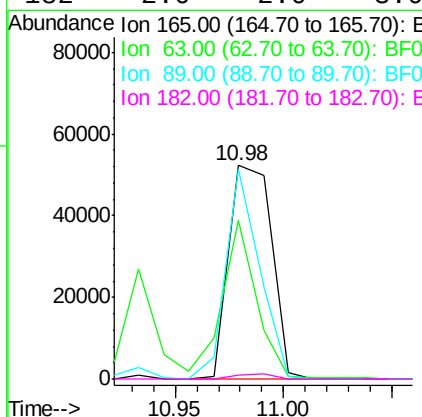
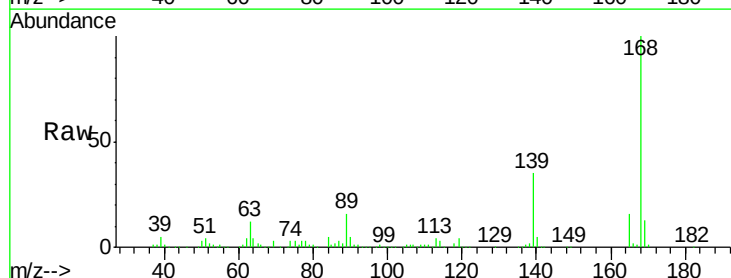
Instrument :
BNA_F
ClientSampleId :
PB82420BS

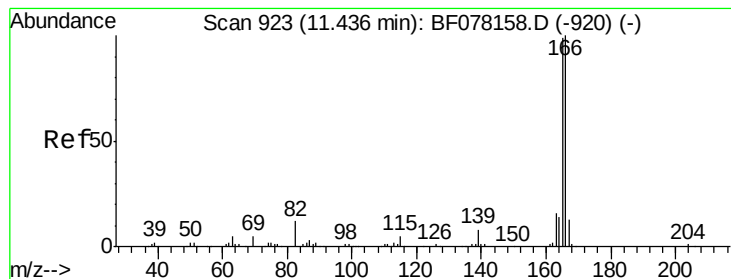
Tot Ion:139 Resp: 77502
Ion Ratio Lower Upper
139 100
109 66.8 36.7 76.7
65 101.8 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 44.29 ng
RT: 10.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion:165 Resp: 71595
Ion Ratio Lower Upper
165 100
63 74.6 26.5 39.7#
89 98.1 46.4 69.6#
182 2.0 2.0 3.0





#57

Fluorene

Concen: 43.42 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

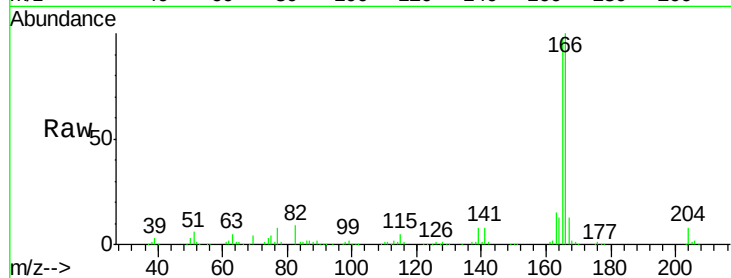
Tot Ion:166 Resp: 253960

Ion Ratio Lower Upper

166 100

165 97.6 78.9 118.3

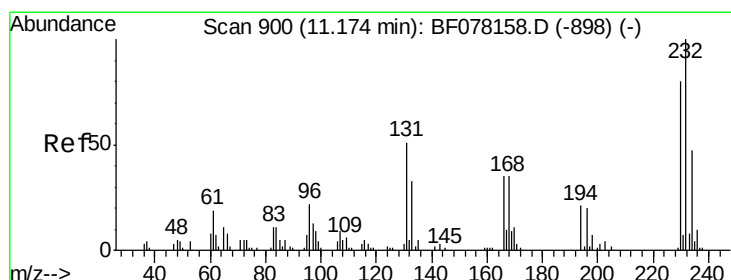
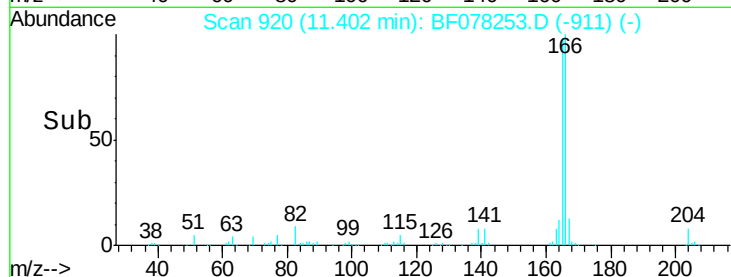
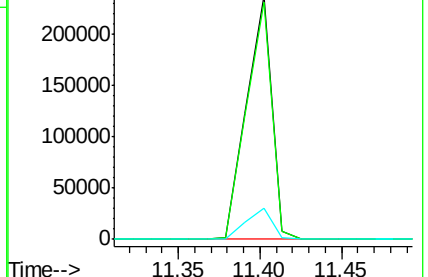
167 12.9 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.00 ng

RT: 11.14 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Tgt Ion:232 Resp: 54984

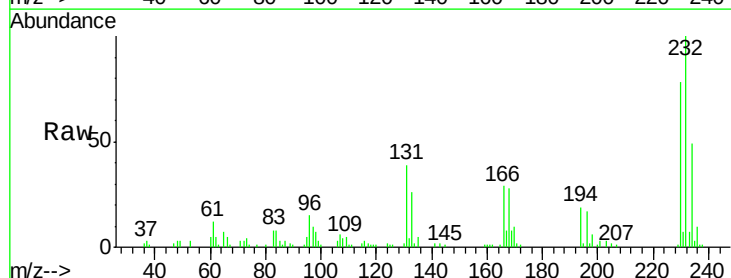
Ion Ratio Lower Upper

232 100

131 46.5 37.8 56.8

130 2.3 1.5 2.3

166 31.9 25.8 38.6

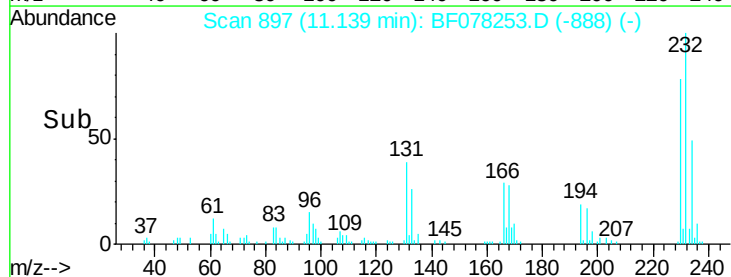
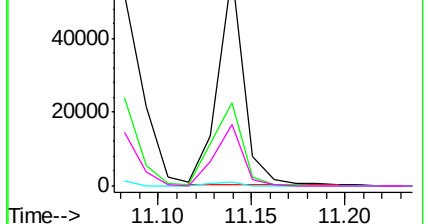


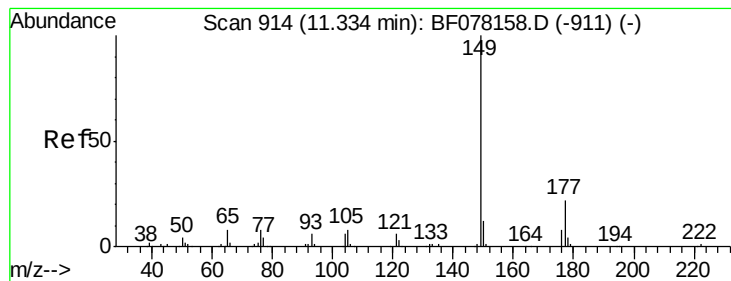
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.16 ng

RT: 11.30 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

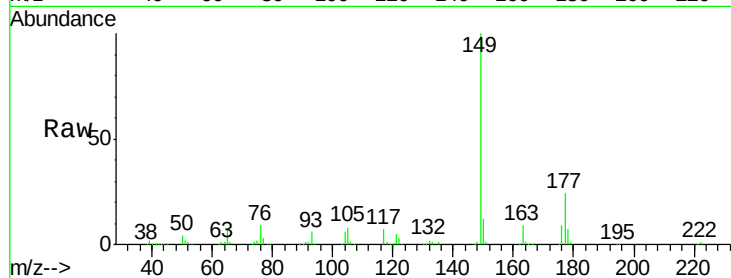
Tot Ion:149 Resp: 246589

Ion Ratio Lower Upper

149 100

177 23.5 17.4 26.2

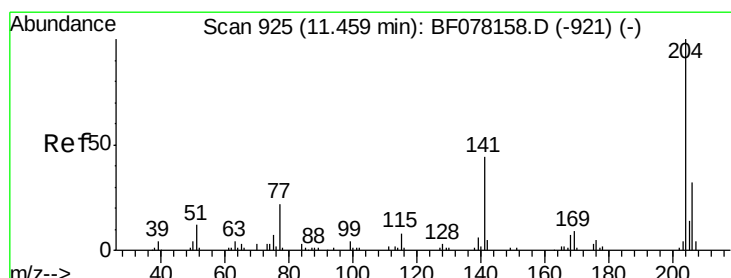
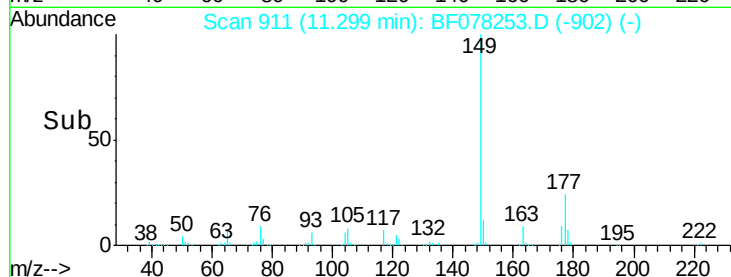
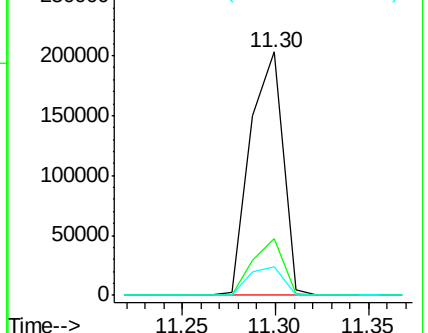
150 11.9 9.4 14.2



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: 44.33 ng

RT: 11.41 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

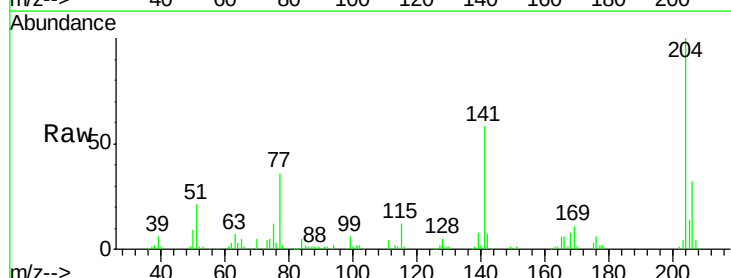
Tgt Ion:204 Resp: 119281

Ion Ratio Lower Upper

204 100

206 32.2 25.6 38.4

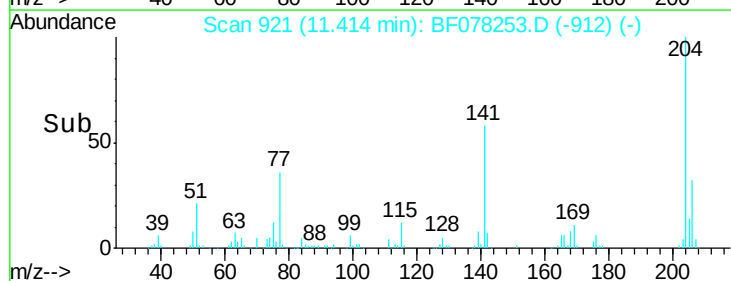
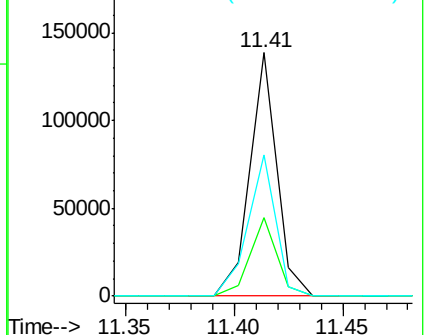
141 58.1 35.4 53.0#

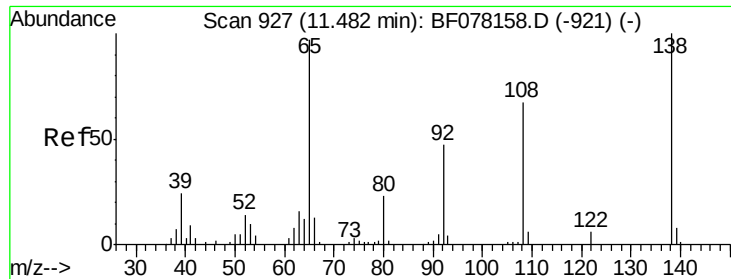


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

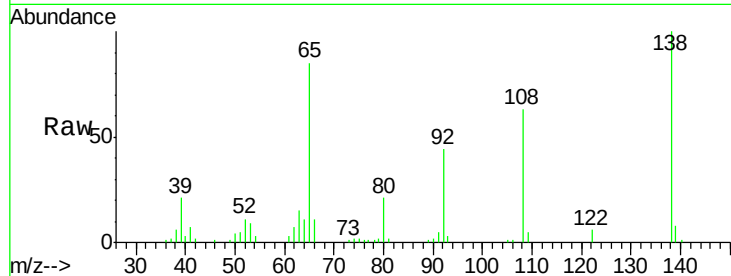




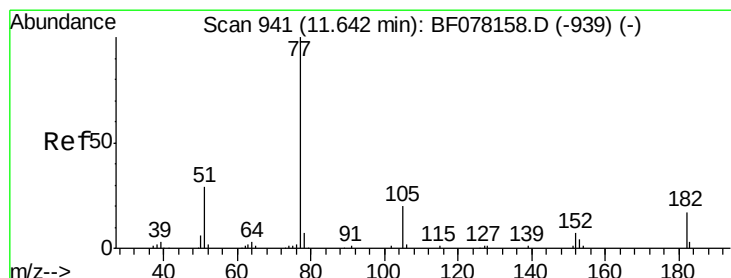
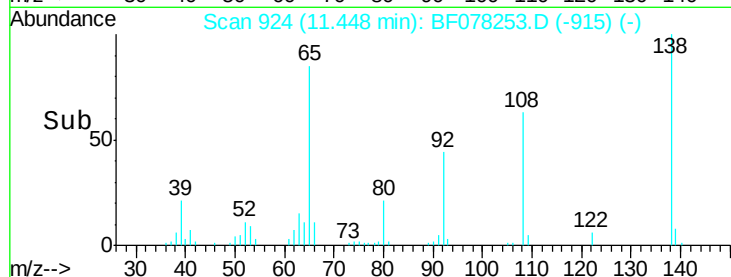
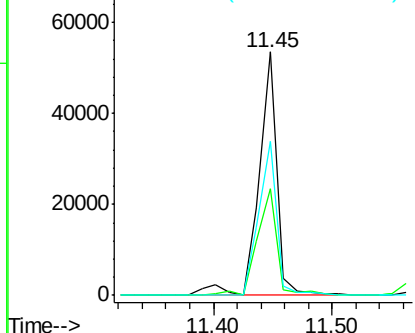
#61
4-Nitroaniline
Concen: 39.86 ng
RT: 11.45 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion:138 Resp: 57175
Ion Ratio Lower Upper
138 100
92 44.0 27.3 67.3
108 63.2 47.2 87.2

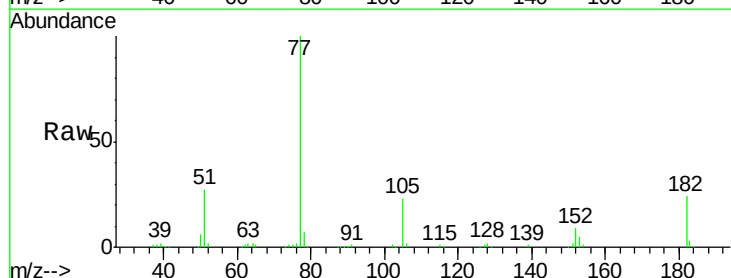


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

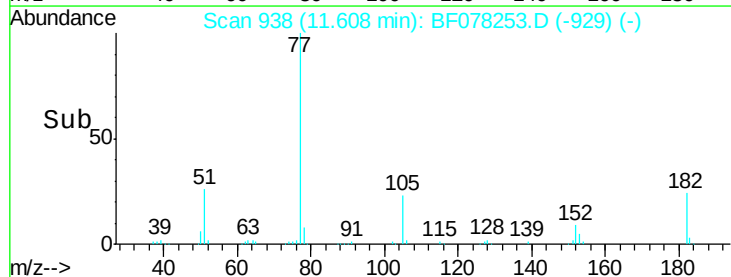
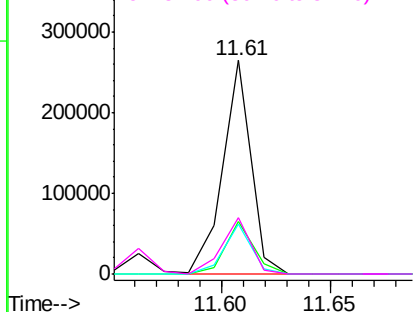


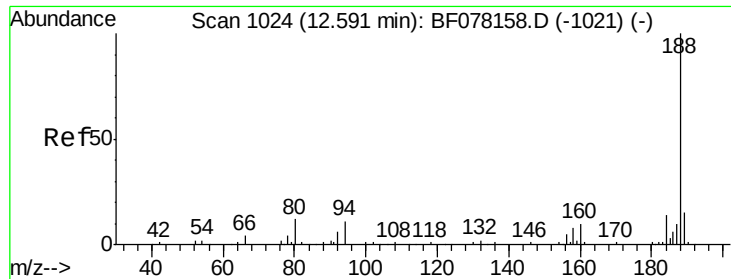
#62
Azobenzene
Concen: 44.56 ng
RT: 11.61 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion: 77 Resp: 237863
Ion Ratio Lower Upper
77 100
182 24.4 0.0 36.8
105 23.1 0.3 40.3
51 26.6 9.1 49.1



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

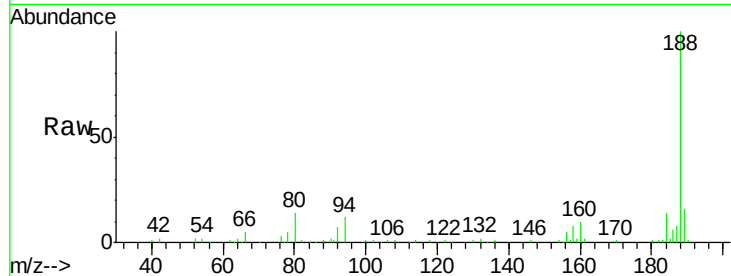




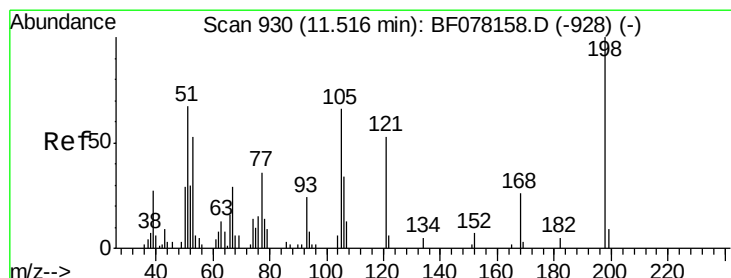
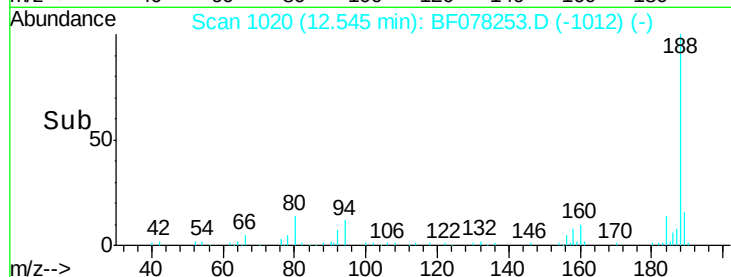
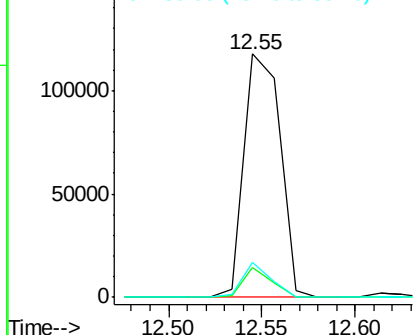
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion:188 Resp: 158538
Ion Ratio Lower Upper
188 100
94 12.5 9.0 13.4
80 14.2 9.5 14.3

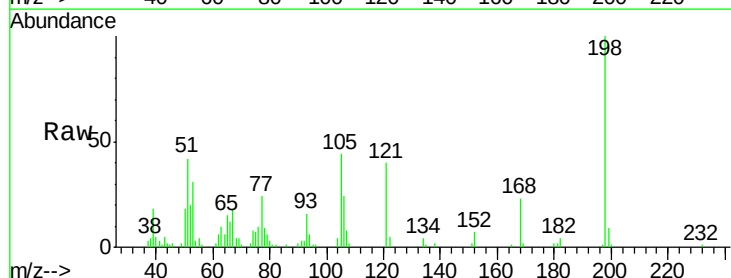


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

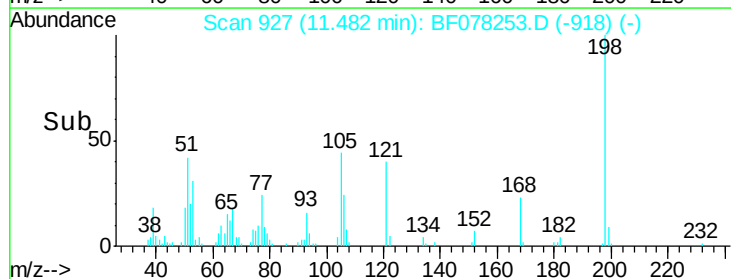
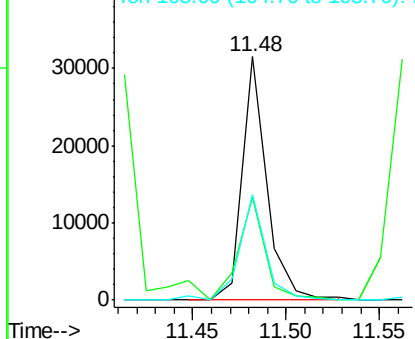


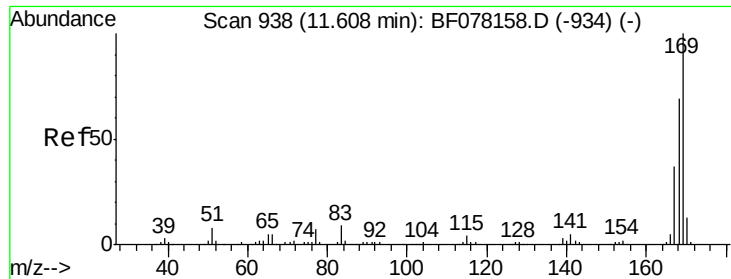
#64
4,6-Dinitro-2-methylphenol
Concen: 38.98 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion:198 Resp: 29135
Ion Ratio Lower Upper
198 100
51 42.2 48.6 88.6#
105 43.5 45.8 85.8#



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

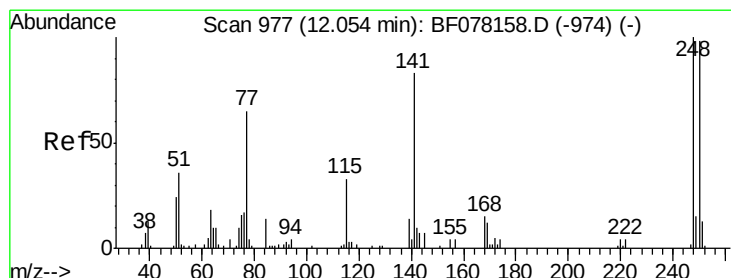
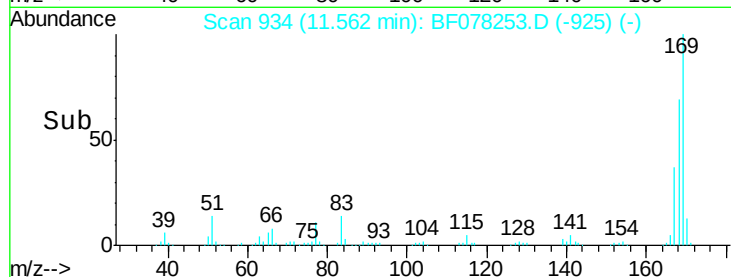
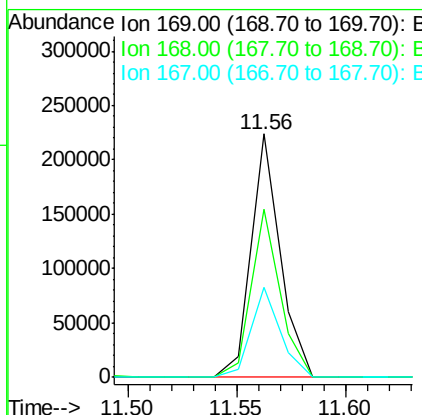
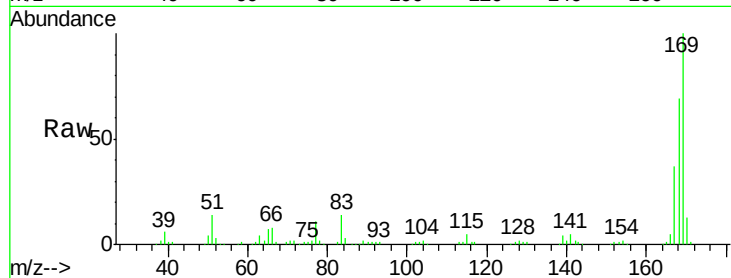




#65
 n-Nitrosodiphenylamine
 Concen: 38.07 ng
 RT: 11.56 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

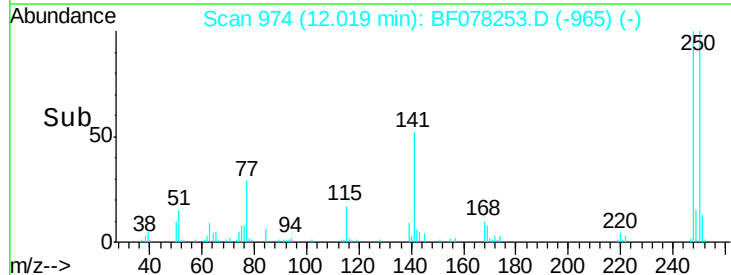
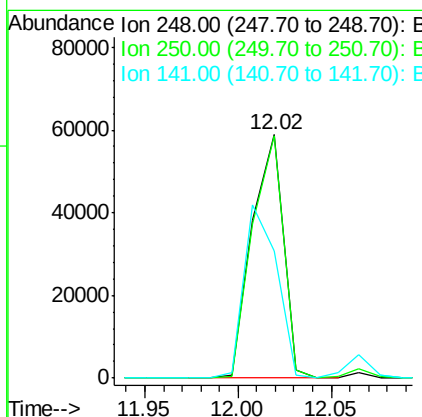
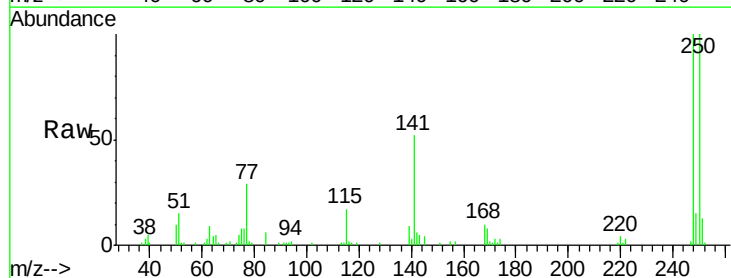
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

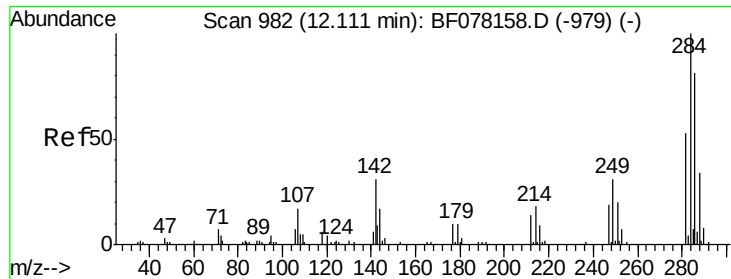
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.0	82.4
167	37.2	29.3	43.9



#66
 4-Bromophenyl-phenylether
 Concen: 40.71 ng
 RT: 12.02 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.2	117.2
141	52.5	66.4	99.6

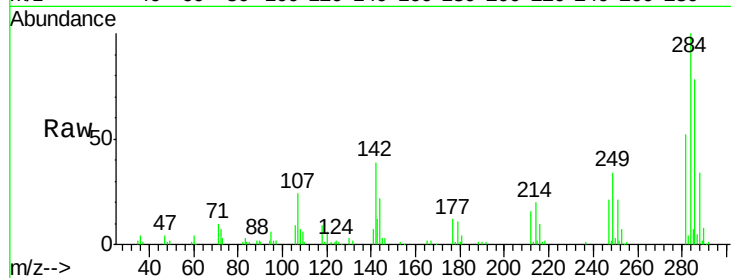




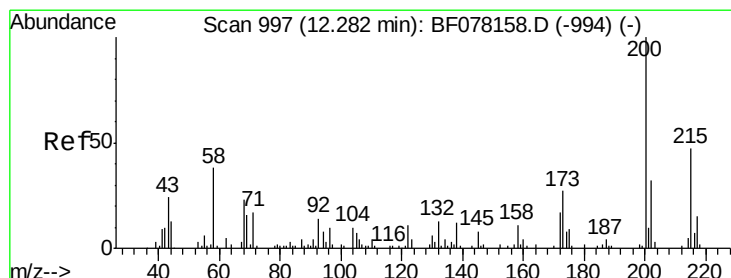
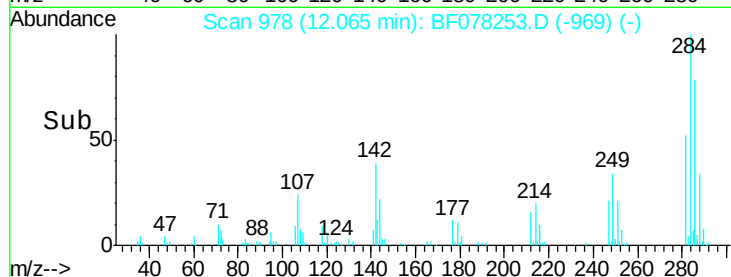
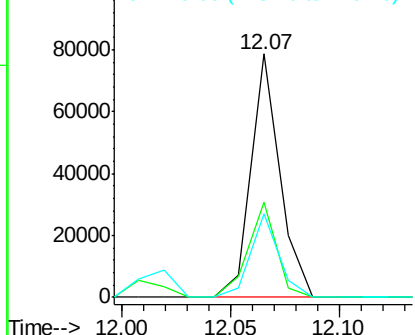
#67
Hexachlorobenzene
Concen: 39.42 ng
RT: 12.07 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion:284 Resp: 72519
Ion Ratio Lower Upper
284 100
142 39.1 24.5 36.7#
249 34.5 24.8 37.2

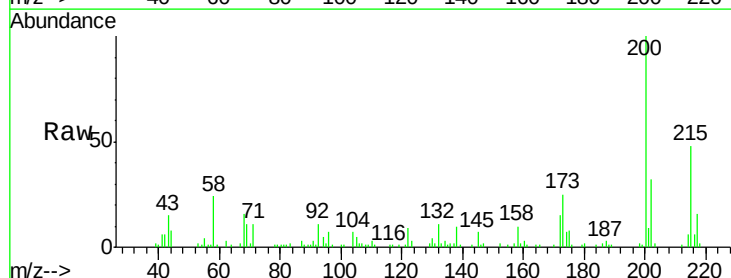


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

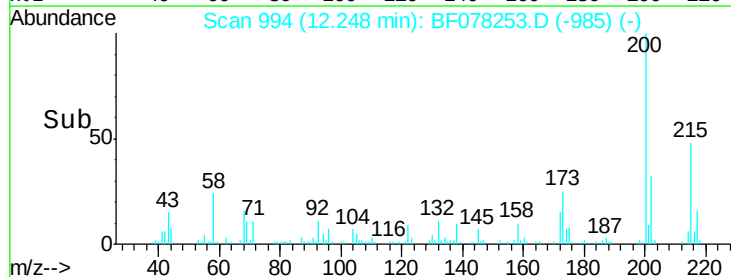
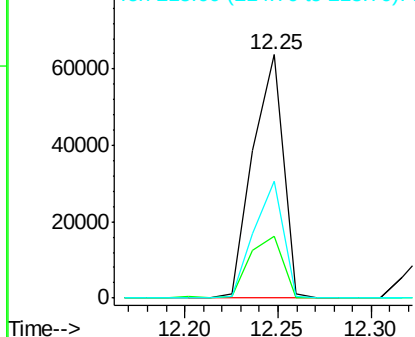


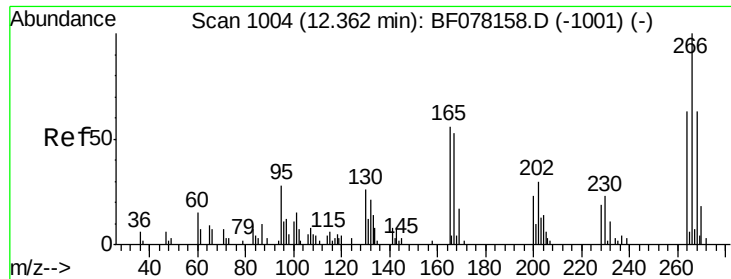
#68
Atrazine
Concen: 45.20 ng
RT: 12.25 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion:200 Resp: 71794
Ion Ratio Lower Upper
200 100
173 25.2 6.9 46.9
215 47.9 27.1 67.1



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

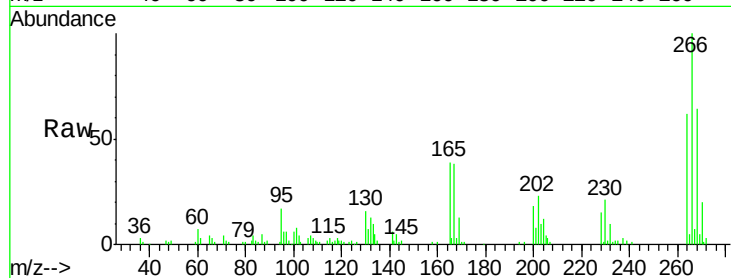




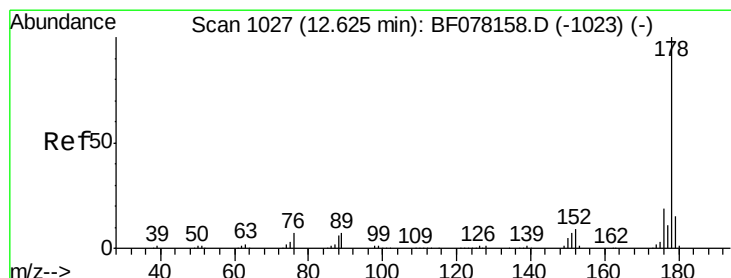
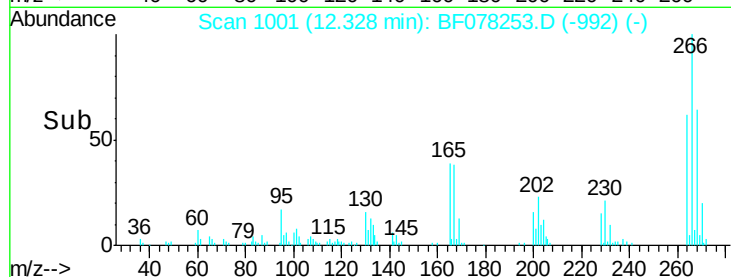
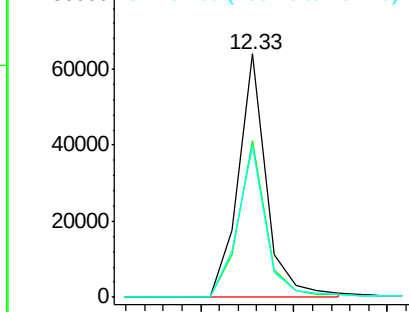
#69
 Pentachlorophenol
 Concen: 82.84 ng
 RT: 12.33 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion:266 Resp: 67833
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.1 75.1
 264 62.1 50.0 75.0

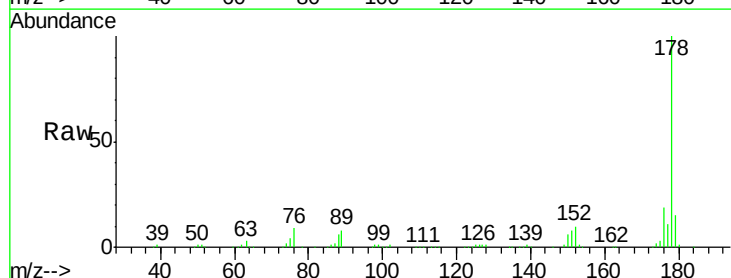


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

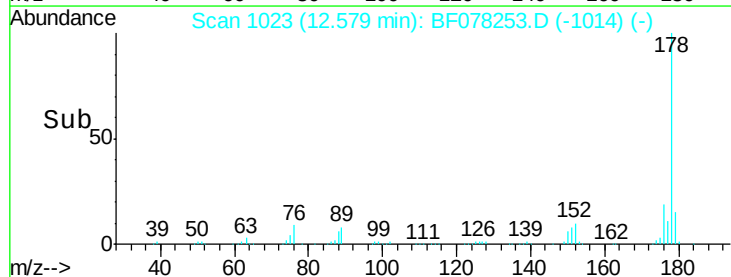
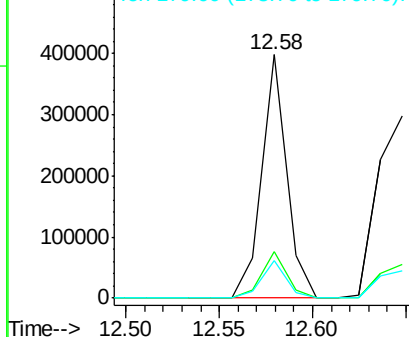


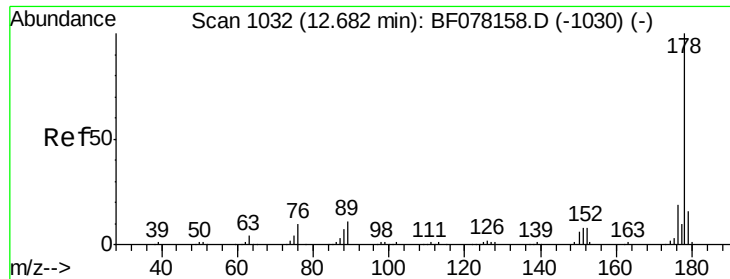
#70
 Phenanthrene
 Concen: 40.07 ng
 RT: 12.58 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:178 Resp: 367441
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.4 12.2 18.2



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

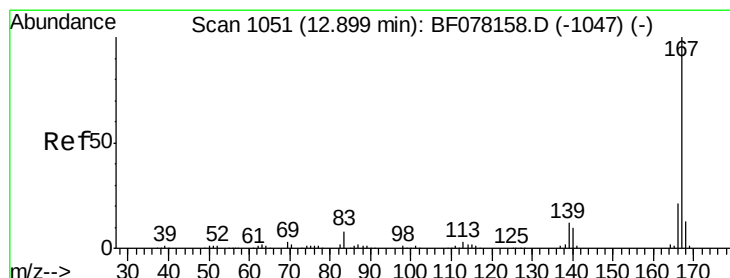
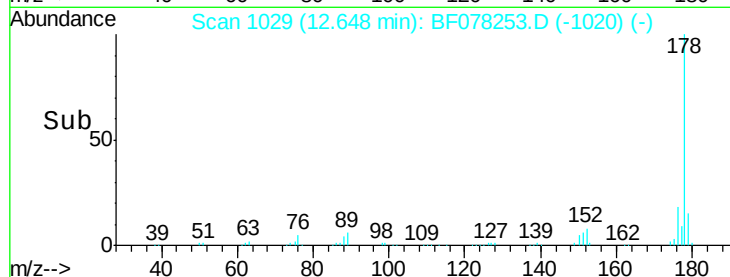
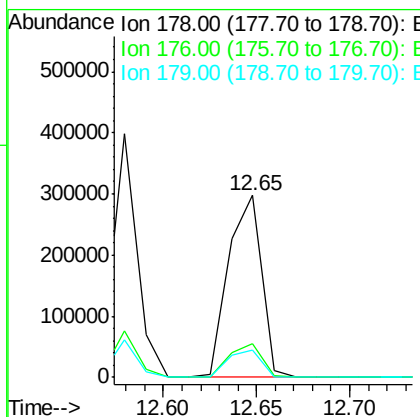
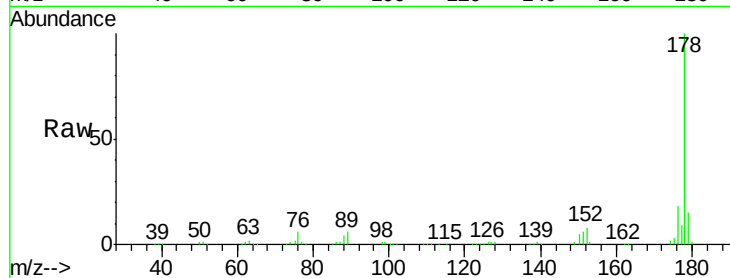




#71
 Anthracene
 Concen: 40.95 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

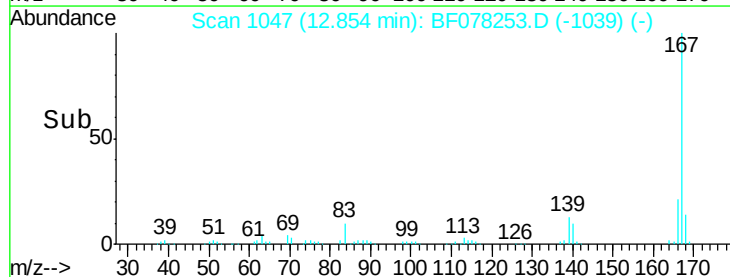
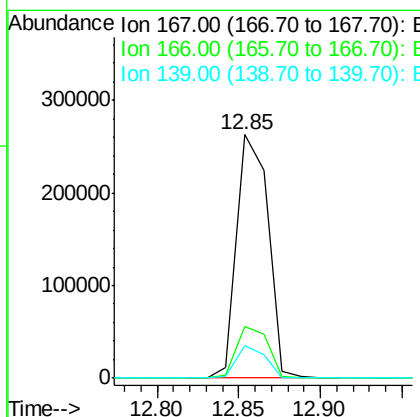
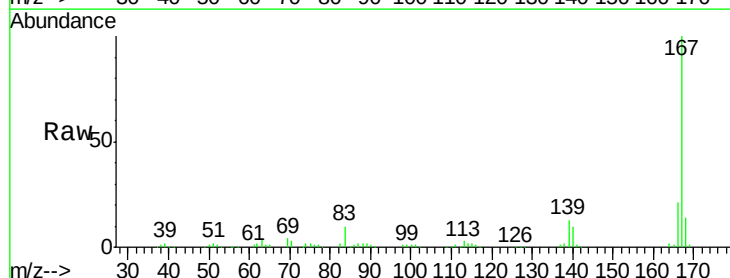
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

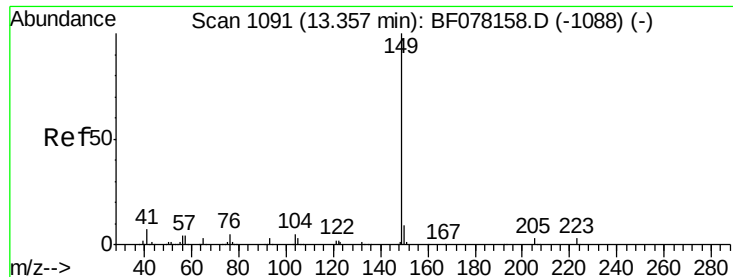
Tot Ion:178 Resp: 370054
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 14.8 12.4 18.6



#72
 Carbazole
 Concen: 41.25 ng
 RT: 12.85 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:167 Resp: 349370
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.8 25.2
 139 13.4 10.0 15.0





#73

Di-n-butylphthalate

Concen: 42.99 ng

RT: 13.32 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

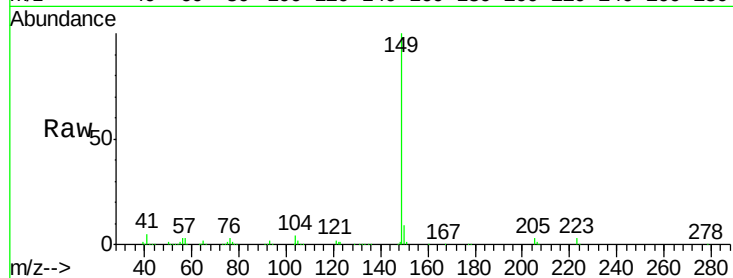
Tot Ion:149 Resp: 412395

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

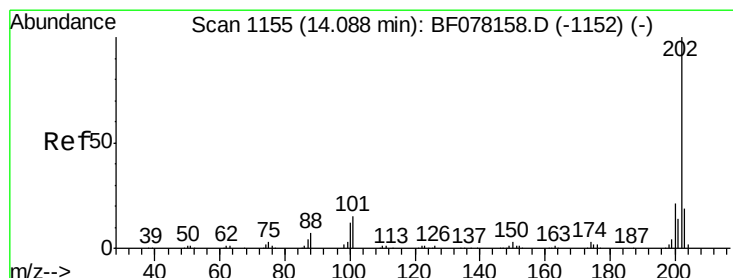
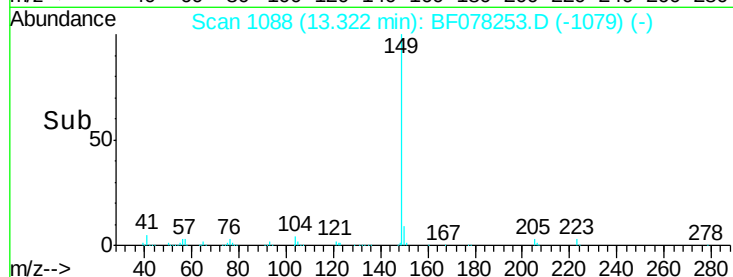
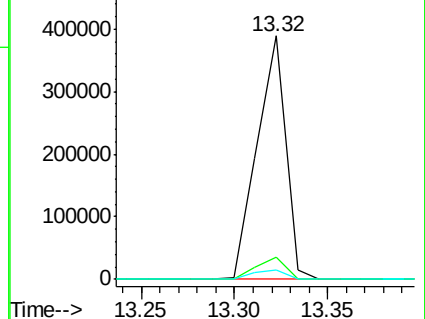
104 4.1 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.84 ng

RT: 14.05 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

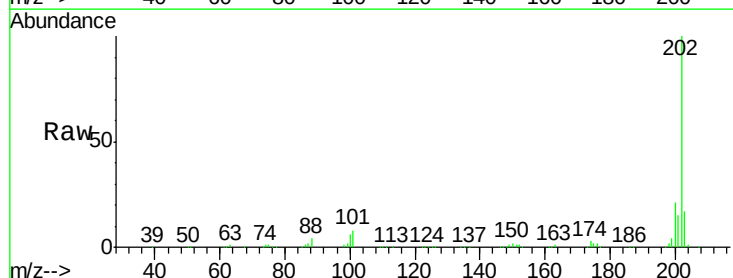
Tgt Ion:202 Resp: 395000

Ion Ratio Lower Upper

202 100

101 8.3 0.0 35.2

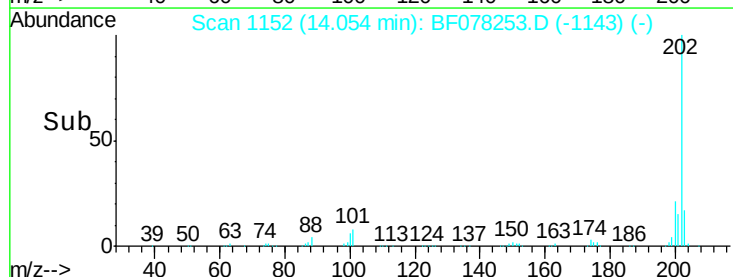
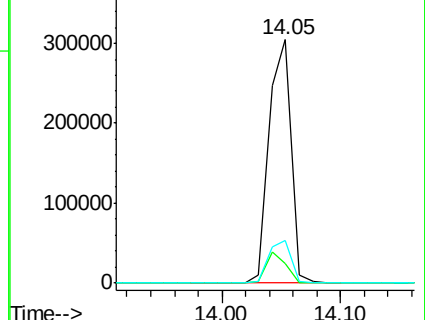
203 17.4 0.0 38.5

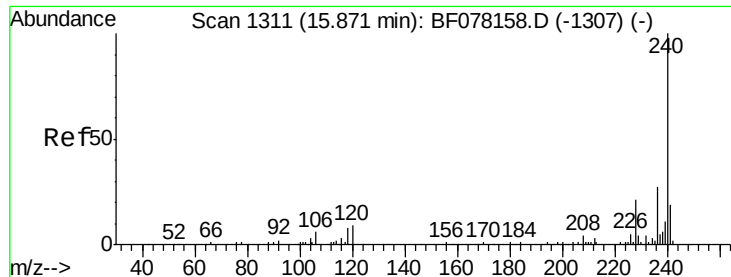


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

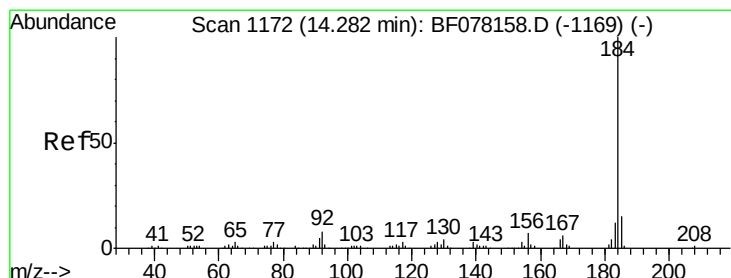
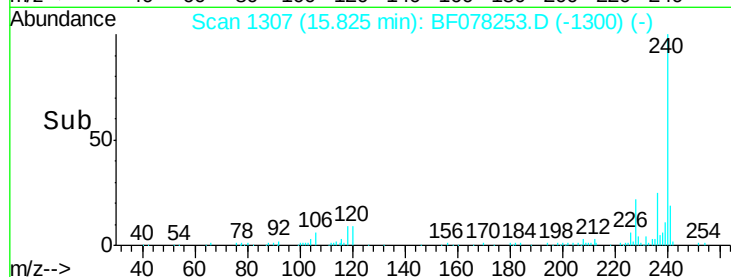
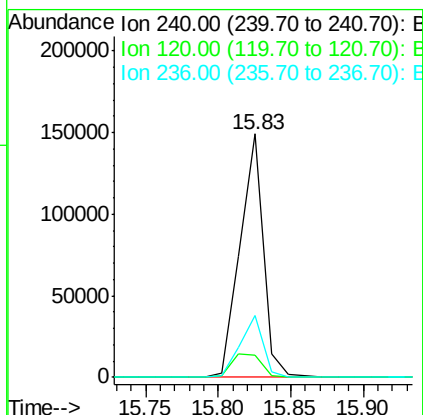
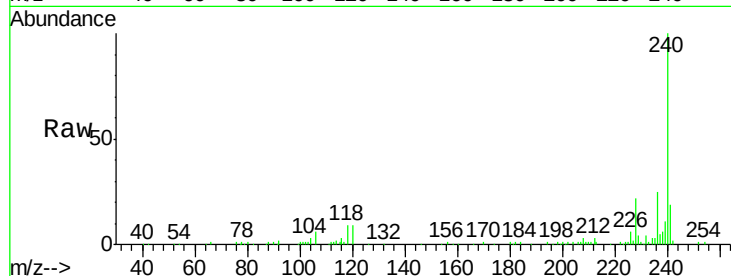




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

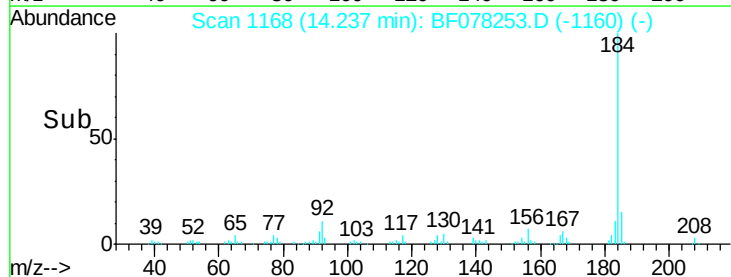
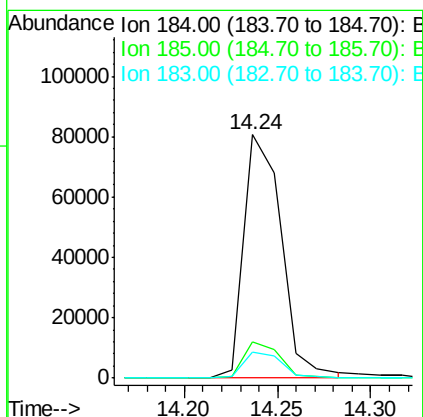
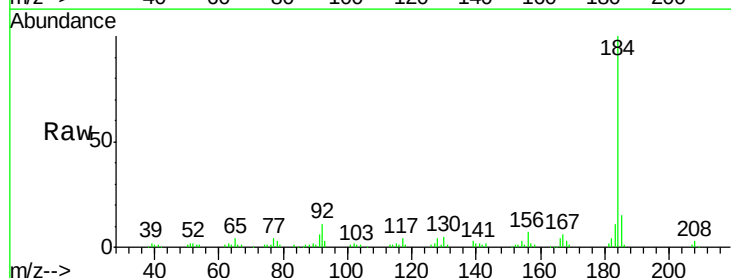
Instrument :
BNA_F
ClientSampleId :
PB82420BS

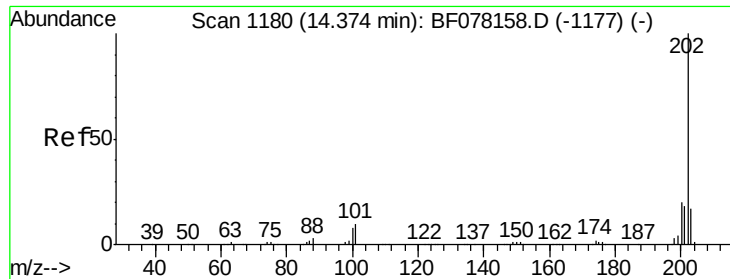
Tot Ion:240 Resp: 167703
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 25.2 21.4 32.2



#76
Benzidine
Concen: 17.48 ng
RT: 14.24 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion:184 Resp: 112873
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 10.9 9.5 14.3

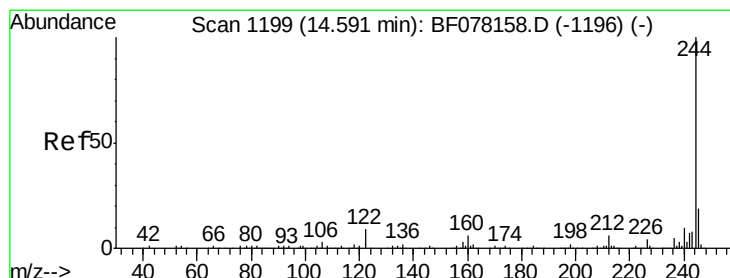
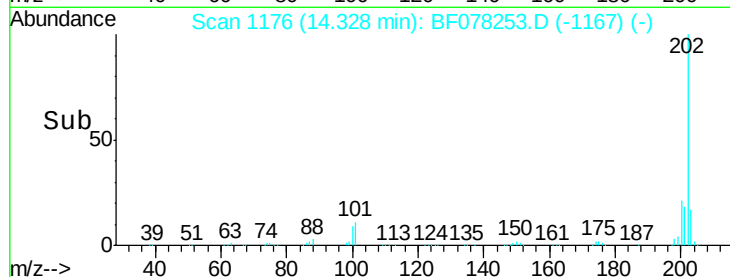
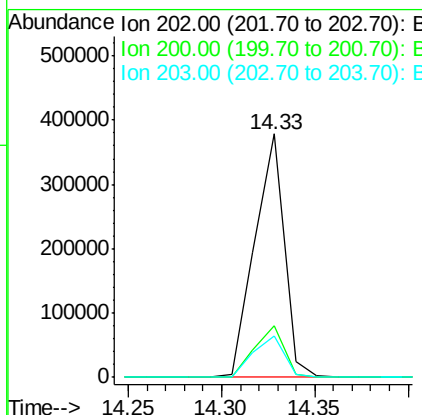
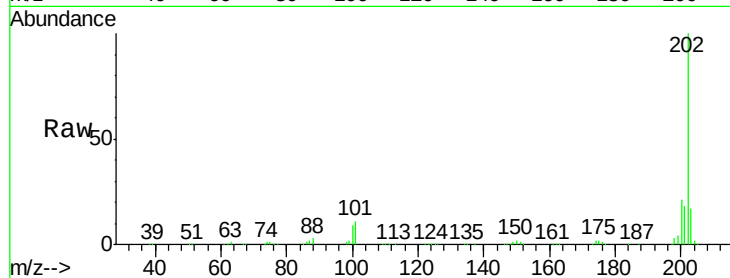




#77
Pvrene
Concen: 39.37 ng
RT: 14.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

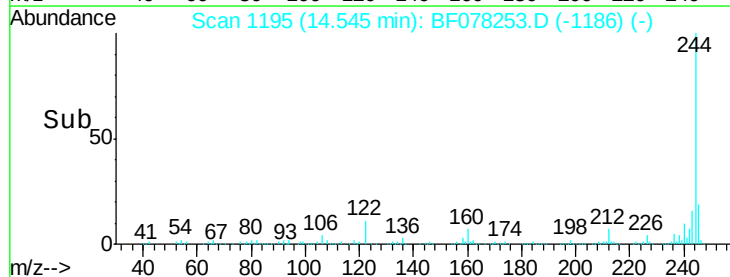
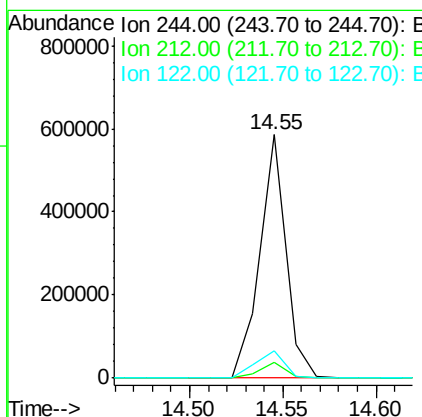
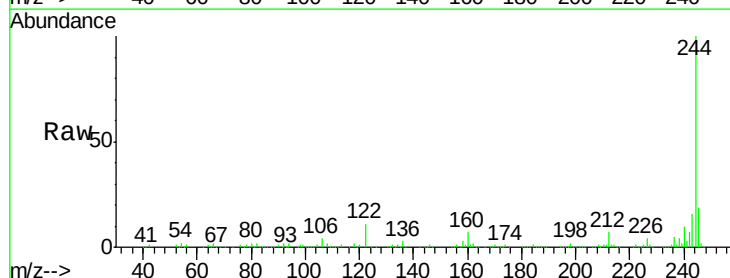
Instrument :
BNA_F
ClientSampleId :
PB82420BS

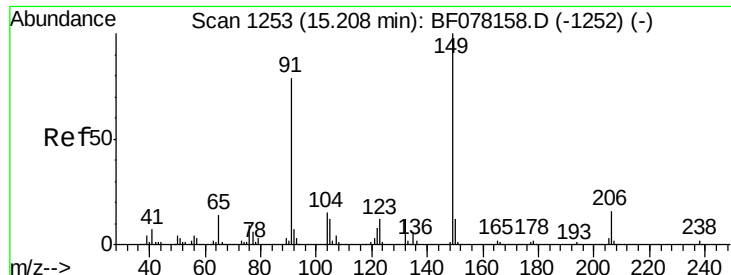
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.3	24.5
203	17.2	13.8	20.6



#78
Terphenyl-d14
Concen: 76.68 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	11.3	7.1	10.7

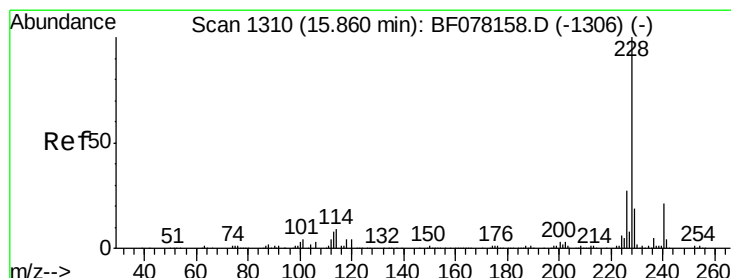
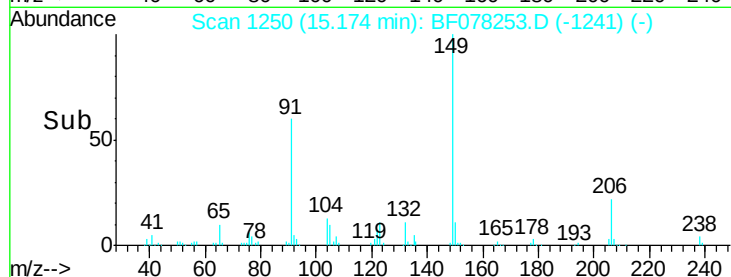
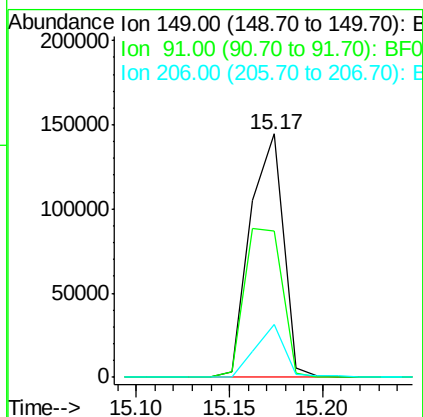
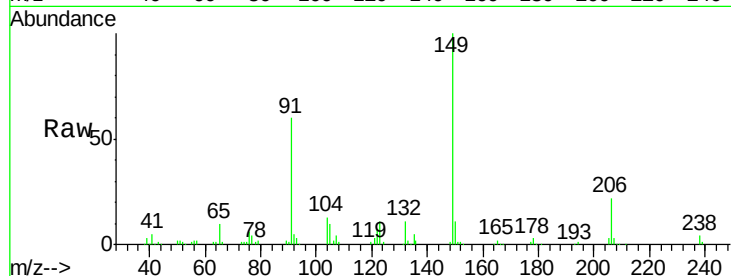




#79
Butylbenzylphthalate
Concen: 44.35 ng
RT: 15.17 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

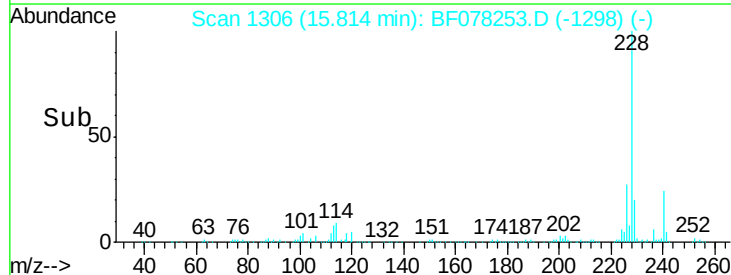
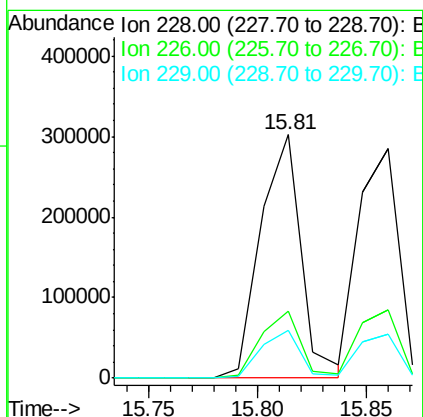
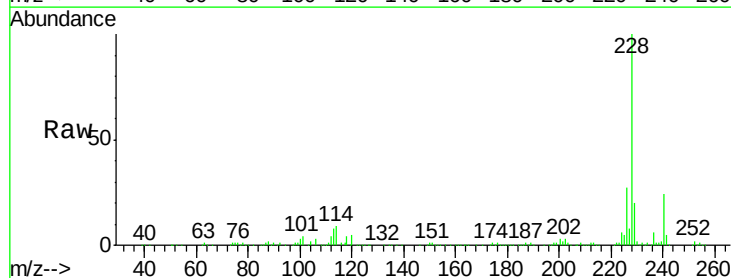
Instrument :
BNA_F
ClientSampleId :
PB82420BS

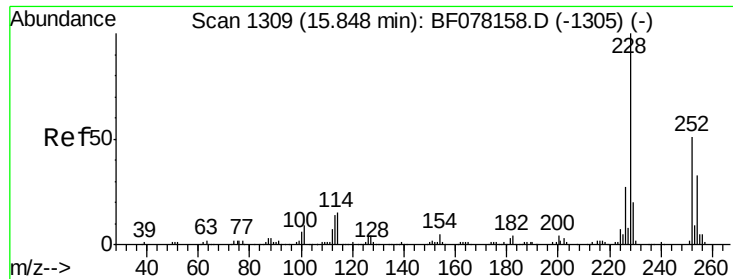
Tot Ion:149 Resp: 177939
Ion Ratio Lower Upper
149 100
91 60.1 64.2 96.2#
206 21.9 12.6 18.8#



#80
Benzo(a)anthracene
Concen: 39.52 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion:228 Resp: 394321
Ion Ratio Lower Upper
228 100
226 27.4 21.3 31.9
229 19.8 15.4 23.2

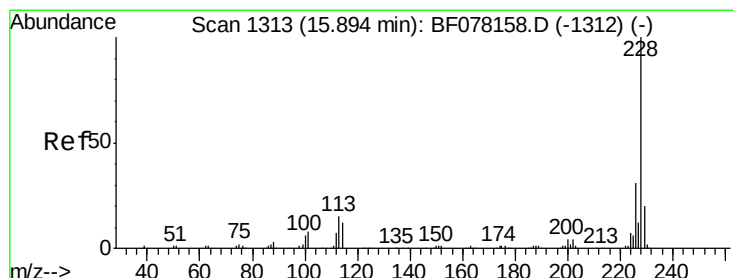
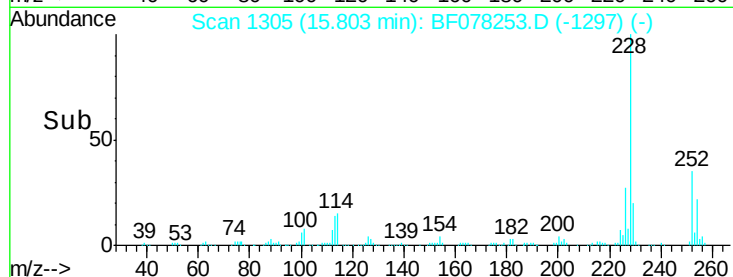
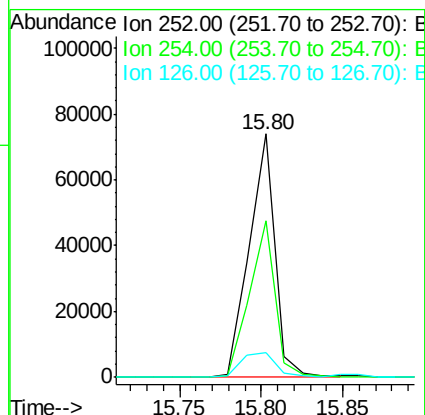
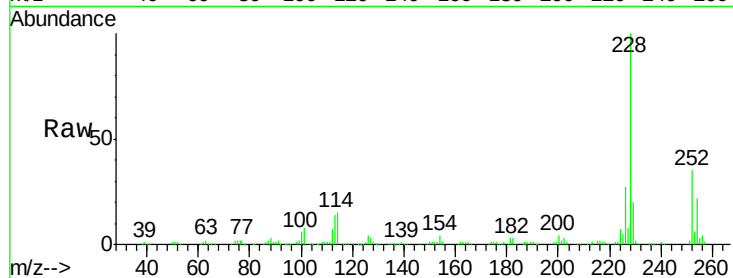




#81
 3,3'-Dichlorobenzidine
 Concen: 24.26 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

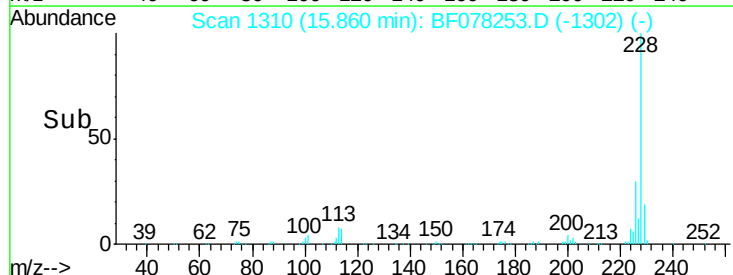
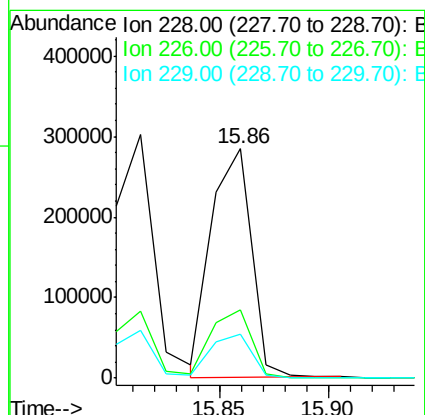
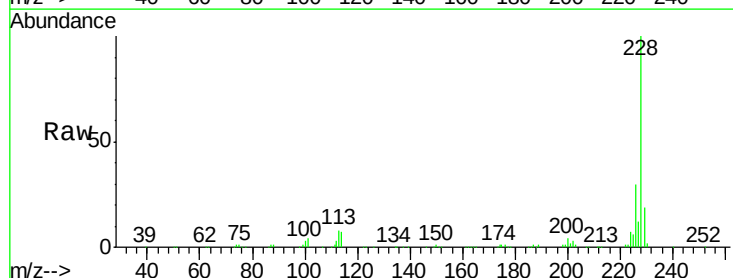
Instrument :
 BNA_F
 ClientSampleID :
 PB82420BS

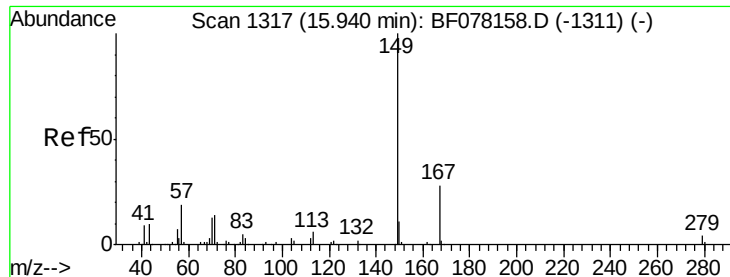
Tot Ion:252 Resp: 81058
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.2 76.8
 126 10.4 6.3 9.5#



#82
 Chrysene
 Concen: 38.95 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:228 Resp: 365119
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.4
 229 19.2 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.03 ng

RT: 15.89 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

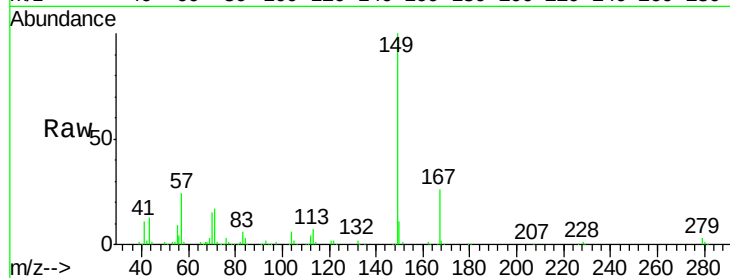
Tot Ion:149 Resp: 270818

Ion Ratio Lower Upper

149 100

167 25.6 22.2 33.2

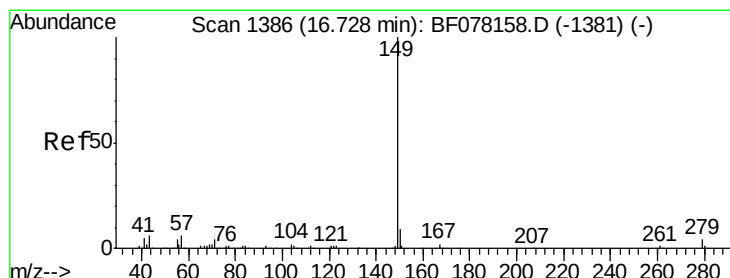
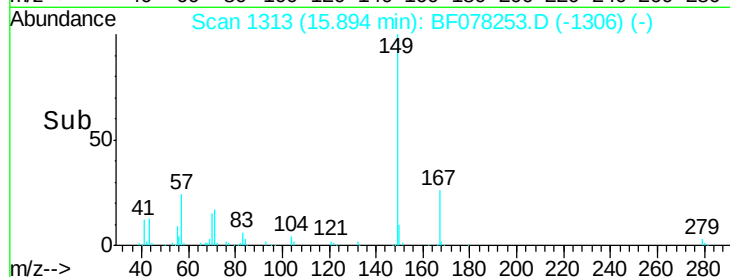
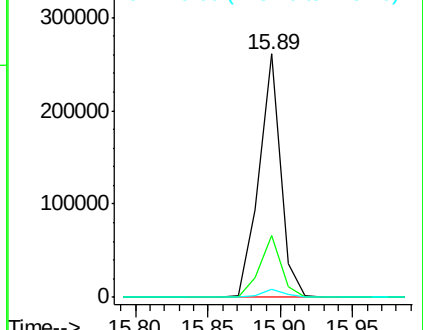
279 3.2 3.2 4.8



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: 44.60 ng

RT: 16.68 min Scan# 1382

Delta R.T. -0.06 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

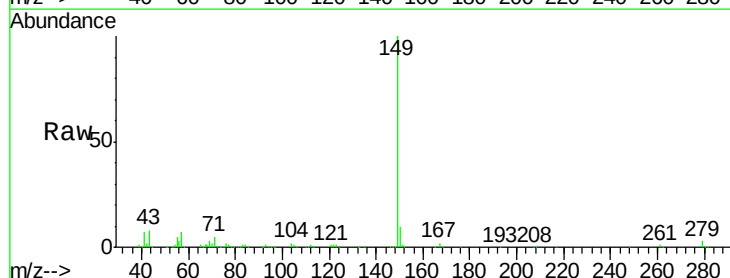
Tgt Ion:149 Resp: 460819

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

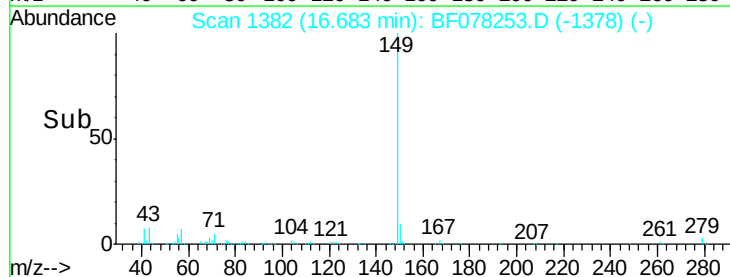
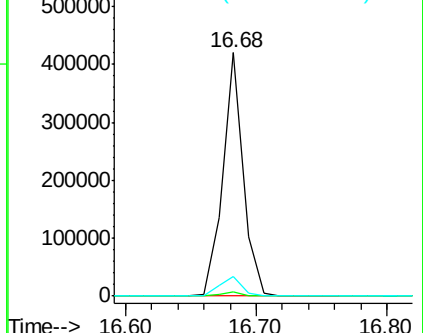
43 9.3 0.0 0.0#

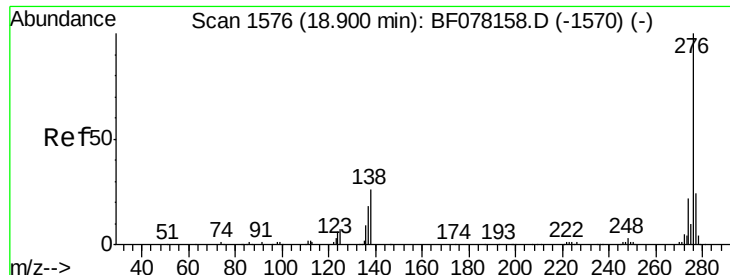


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

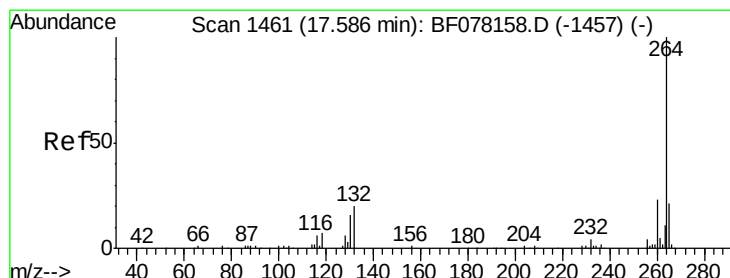
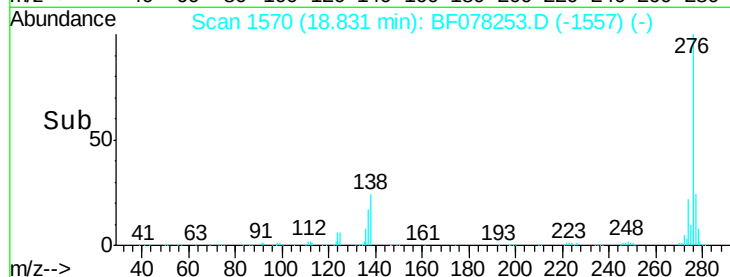
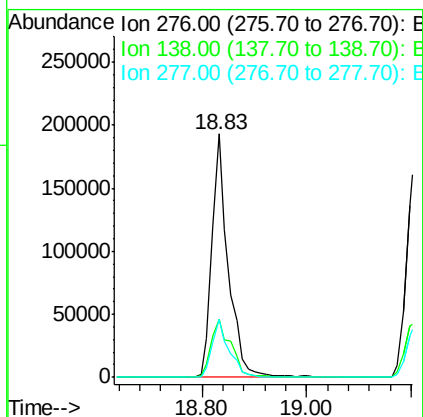
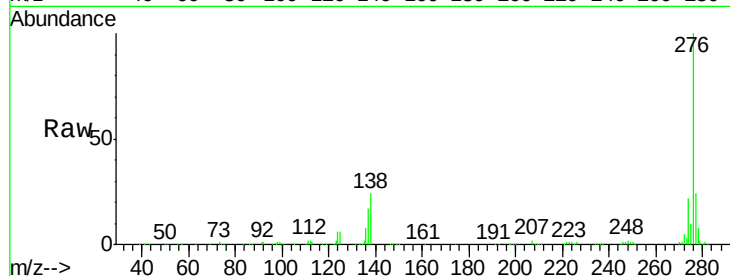




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.73 ng
 RT: 18.83 min Scan# 1570
 Delta R.T. -0.15 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

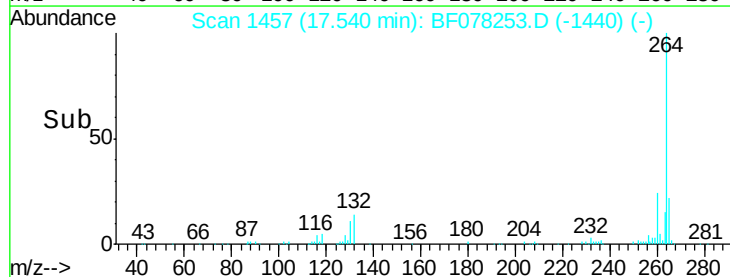
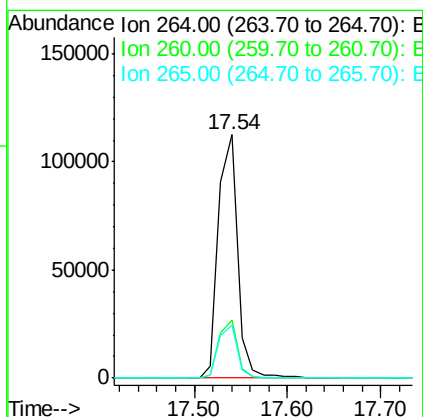
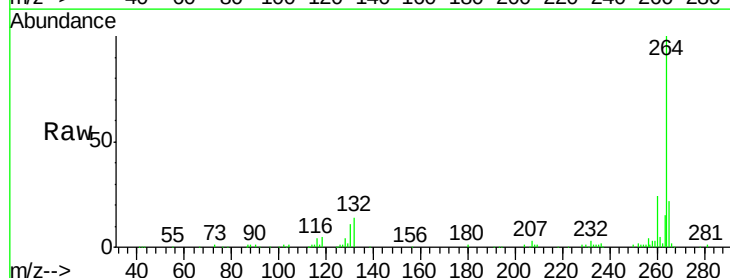
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

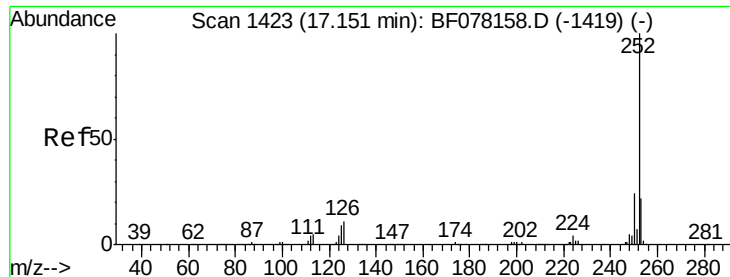
Tot Ion:276 Resp: 422590
 Ion Ratio Lower Upper
 276 100
 138 29.0 16.9 25.3#
 277 24.6 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. -0.10 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Tgt Ion:264 Resp: 161647
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 22.0 17.0 25.6

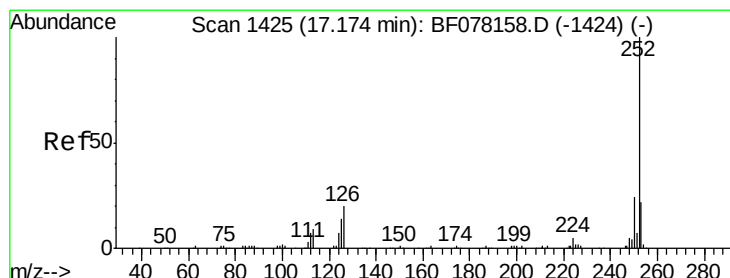
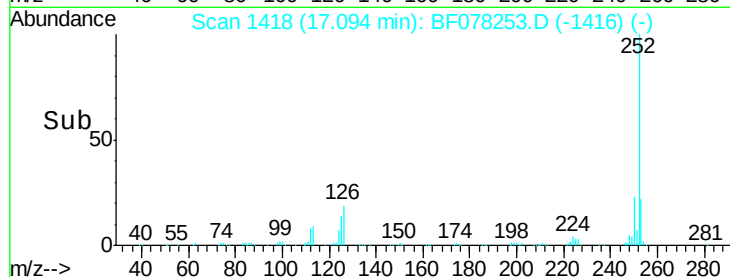
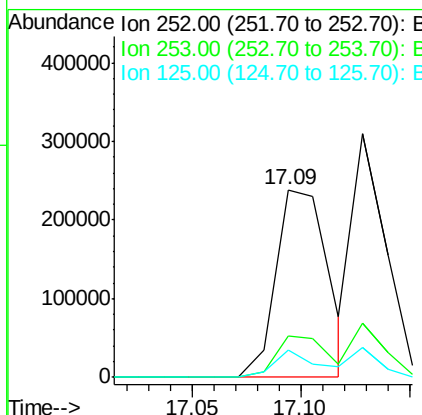
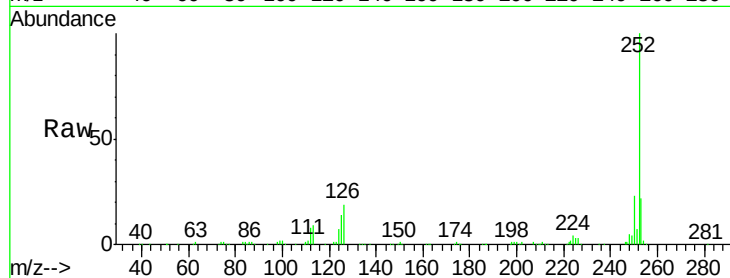




#87
Benzo(b)fluoranthene
Concen: 39.94 ng
RT: 17.09 min Scan# 1418
Delta R.T. -0.08 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

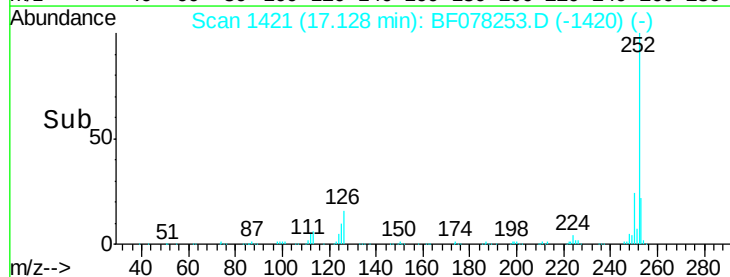
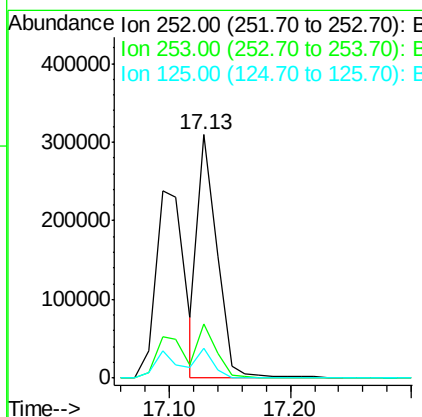
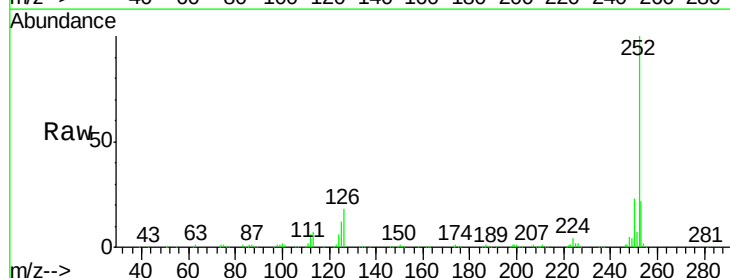
Instrument :
BNA_F
ClientSampleId :
PB82420BS

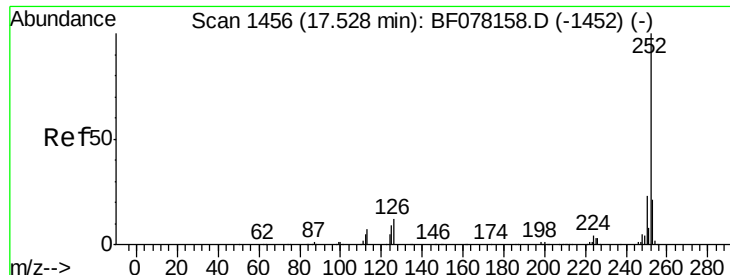
Tot Ion:252 Resp: 398990
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 14.3 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 38.60 ng m
RT: 17.13 min Scan# 1421
Delta R.T. -0.09 min
Lab File: BF078253.D
Acq: 6 Apr 2015 13:27

Tgt Ion:252 Resp: 342734
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.2 11.6 17.4





#89

Benzo(a)pyrene

Concen: 41.57 ng

RT: 17.47 min Scan# 1451

Delta R.T. -0.10 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

Instrument :

BNA_F

ClientSampleId :

PB82420BS

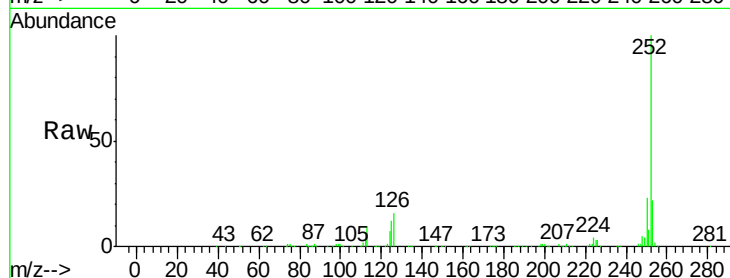
Tot Ion:252 Resp: 362427

Ion Ratio Lower Upper

252 100

253 21.7 16.8 25.2

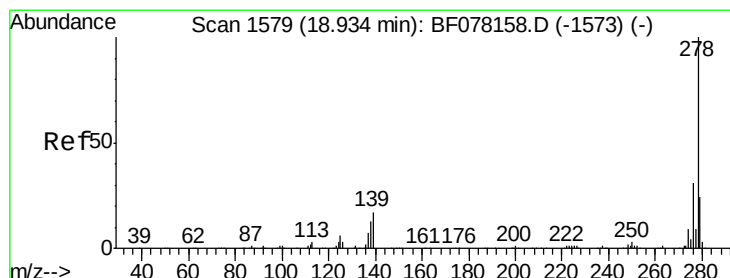
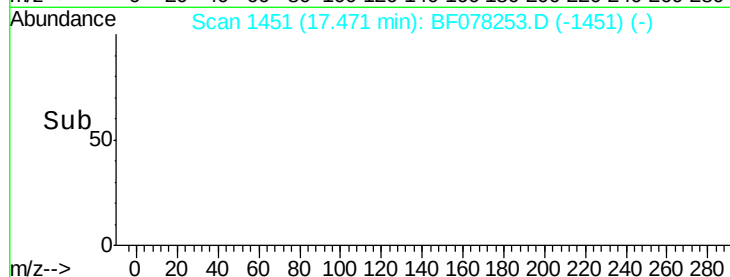
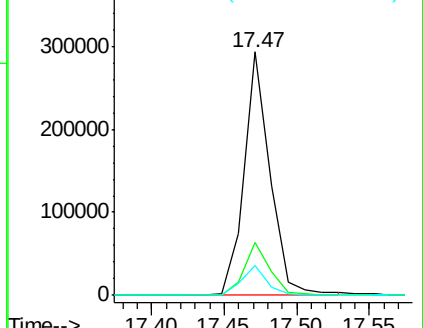
125 12.3 7.4 11.0#



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: 37.41 ng

RT: 18.85 min Scan# 1572

Delta R.T. -0.15 min

Lab File: BF078253.D

Acq: 6 Apr 2015 13:27

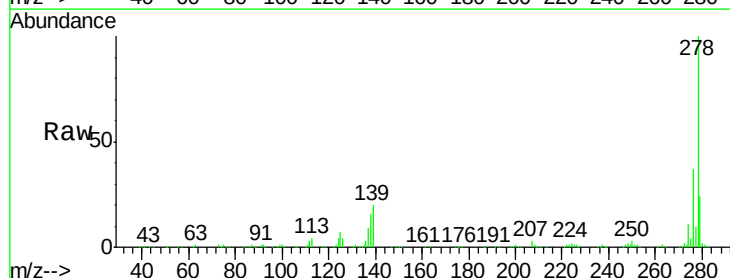
Tgt Ion:278 Resp: 326558

Ion Ratio Lower Upper

278 100

139 19.9 13.6 20.4

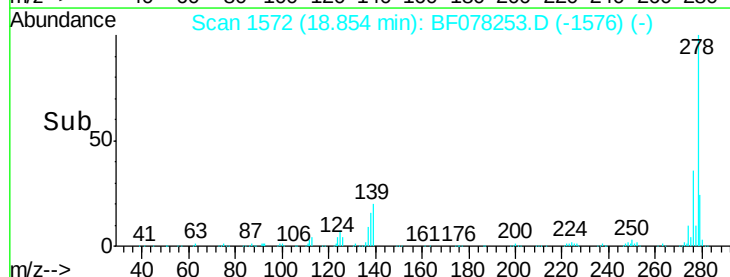
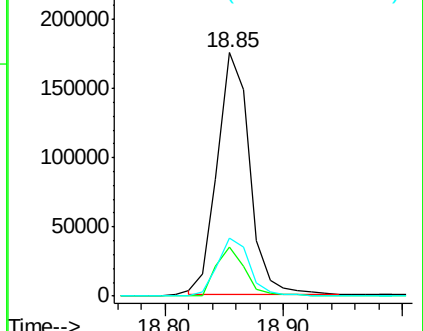
279 23.9 19.0 28.6

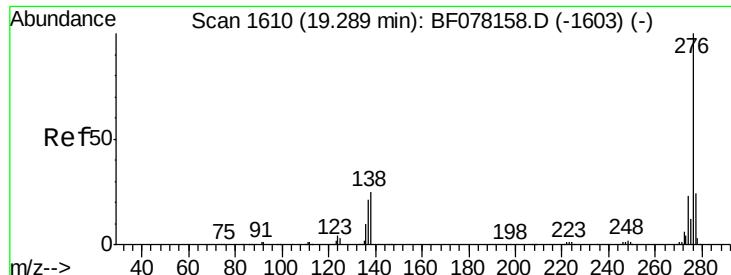


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

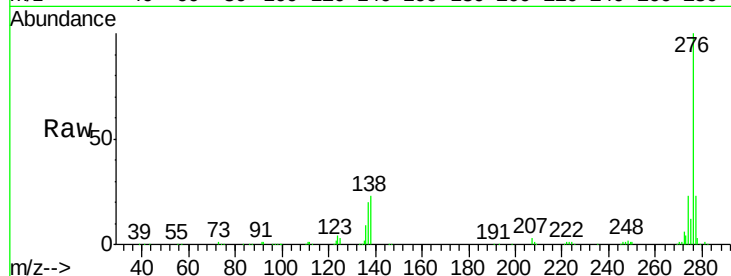




#91
 Benzo(a,h,i)perylene
 Concen: 38.74 ng
 RT: 19.21 min Scan# 1603
 Delta R.T. -0.15 min
 Lab File: BF078253.D
 Acq: 6 Apr 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	23.4	19.9	29.9



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

