

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078298.D
 Acq On : 7 Apr 2015 15:14
 Operator : TP/IZ
 Sample : PB82554BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

Quant Time: Apr 08 01:33:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	44656	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	180457	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	91053	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	179120	20.00	ng	0.00
75) Chrysene-d12	15.77	240	188067	20.00	ng	-0.01
86) Perylene-d12	17.47	264	181053	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	266318	98.33	ng	0.01
7) Phenol-d6	6.53	99	339994	100.17	ng	0.00
23) Nitrobenzene-d5	7.63	82	189386	63.61	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	83050	109.98	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	413303	64.88	ng	0.00
78) Terphenyl-d14	14.50	244	497001	59.72	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	32454	26.50	ng	98
3) Pyridine	2.38	79	85219	26.56	ng	99
4) n-Nitrosodimethylamine	2.32	42	43971m	35.61	ng	
6) Aniline	6.52	93	64205	13.34	ng	97
8) 2-Chlorophenol	6.67	128	99763	31.15	ng	93
9) Benzaldehyde	6.37	77	41033	18.24	ng	98
10) Phenol	6.54	94	124838	30.69	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	92017	31.46	ng	97
12) 1,3-Dichlorobenzene	6.85	146	104643	29.75	ng	# 93
13) 1,4-Dichlorobenzene	6.96	146	106967	30.21	ng	96
14) 1,2-Dichlorobenzene	7.14	146	99848	30.07	ng	94
15) Benzyl Alcohol	7.13	79	78655	32.98	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.31	45	120881	30.98	ng	96
17) 2-Methylphenol	7.29	107	75700	30.44	ng	96
18) Hexachloroethane	7.55	117	37965	31.79	ng	# 84
19) n-Nitroso-di-n-propylamine	7.46	70	65256	29.14	ng	# 83
20) 3+4-Methylphenols	7.49	107	105454	31.79	ng	92
22) Acetophenone	7.45	105	136472	32.46	ng	# 91
24) Nitrobenzene	7.65	77	99471	31.96	ng	# 85
25) Isophorone	7.96	82	174533	30.89	ng	97
26) 2-Nitrophenol	8.05	139	45896	30.94	ng	95
27) 2,4-Dimethylphenol	8.13	122	88718	32.17	ng	96
28) bis(2-Chloroethoxy)methane	8.25	93	113899	31.44	ng	99
29) 2,4-Dichlorophenol	8.35	162	83822	33.41	ng	87
30) 1,2,4-Trichlorobenzene	8.44	180	86057	29.91	ng	96
31) Naphthalene	8.53	128	281419	29.96	ng	99
32) Benzoic acid	8.26	122	56478	44.08	ng	96
33) 4-Chloroaniline	8.62	127	56559	14.51	ng	98
34) Hexachlorobutadiene	8.69	225	48080	30.44	ng	98
35) Caprolactam	9.05	113	25219	33.67	ng	94
36) 4-Chloro-3-methylphenol	9.25	107	83849	33.12	ng	# 78
37) 2-Methylnaphthalene	9.39	142	193122	30.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	84712	30.03	ng	98
40) Hexachlorocyclopentadiene	9.58	237	80659	67.57	ng	97

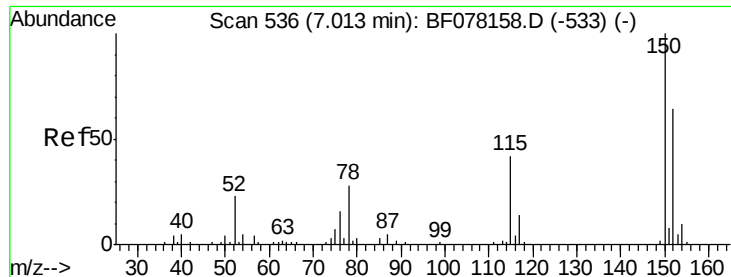
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078298.D
 Acq On : 7 Apr 2015 15:14
 Operator : TP/IZ
 Sample : PB82554BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	59846	33.64	nq	100
43) 2,4,5-Trichlorophenol	9.80	196	61980	33.34	nq	96
45) 1,1'-Biphenyl	9.97	154	232986	31.28	nq	97
46) 2-Chloronaphthalene	10.00	162	186156	31.77	nq	96
47) 2-Nitroaniline	10.13	65	51635	35.61	nq	# 84
48) Acenaphthylene	10.50	152	294310	31.10	nq	100
49) Dimethylphthalate	10.37	163	214764	31.40	nq	99
50) 2,6-Dinitrotoluene	10.44	165	45380	32.24	nq	# 52
51) Acenaphthene	10.72	154	171364	32.17	nq	99
52) 3-Nitroaniline	10.65	138	31920	19.95	nq	89
53) 2,4-Dinitrophenol	10.78	184	27736	58.80	nq	# 85
54) Dibenzofuran	10.93	168	267043	32.82	nq	93
55) 4-Nitrophenol	10.89	139	77583	66.33	nq	87
56) 2,4-Dinitrotoluene	10.93	165	62584	34.33	nq	# 54
57) Fluorene	11.34	166	216088	32.76	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.09	232	49835	36.16	nq	# 99
59) Diethylphthalate	11.25	149	209307	31.73	nq	98
60) 4-Chlorophenyl-phenylether	11.37	204	100977	33.28	nq	# 88
61) 4-Nitroaniline	11.40	138	44315	27.39	nq	86
62) Azobenzene	11.56	77	220928	36.70	nq	88
64) 4,6-Dinitro-2-methylphenol	11.44	198	25487	32.11	nq	# 65
65) n-Nitrosodiphenylamine	11.52	169	188785	30.47	nq	99
66) 4-Bromophenyl-phenylether	11.96	248	57358	30.24	nq	# 89
67) Hexachlorobenzene	12.02	284	62654	30.14	nq	99
68) Atrazine	12.20	200	58088	32.37	nq	97
69) Pentachlorophenol	12.28	266	63297	69.77	nq	97
70) Phenanthrene	12.53	178	325217	31.39	nq	99
71) Anthracene	12.59	178	324354	31.77	nq	100
72) Carbazole	12.81	167	306951	32.08	nq	99
73) Di-n-butylphthalate	13.28	149	352954	32.56	nq	# 99
74) Fluoranthene	14.00	202	355929	32.57	nq	94
76) Benzidine	14.19	184	122028	16.85	nq	98
77) Pyrene	14.27	202	352018	29.82	nq	98
79) Butylbenzylphthalate	15.12	149	152460	33.88	nq	94
80) Benzo(a)anthracene	15.76	228	341233	30.50	nq	100
81) 3,3'-Dichlorobenzidine	15.75	252	77295	20.63	nq	# 98
82) Chrysene	15.80	228	331707	31.55	nq	99
83) Bis(2-ethylhexyl)phthalate	15.84	149	233967	33.15	nq	# 94
84) Di-n-octyl phthalate	16.63	149	405160	34.96	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.75	276	382485	32.06	nq	# 86
87) Benzo(b)fluoranthene	17.04	252	323124	28.88	nq	# 98
88) Benzo(k)fluoranthene	17.07	252	340031m	34.19	nq	
89) Benzo(a)pyrene	17.41	252	325486	33.33	nq	98
90) Dibenzo(a,h)anthracene	18.77	278	300289	30.71	nq	98
91) Benzo(g,h,i)perylene	19.12	276	311024	31.73	nq	96

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

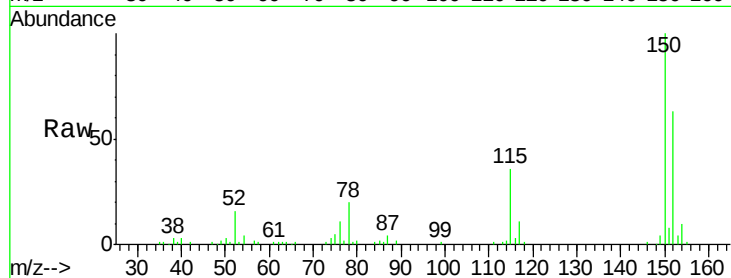


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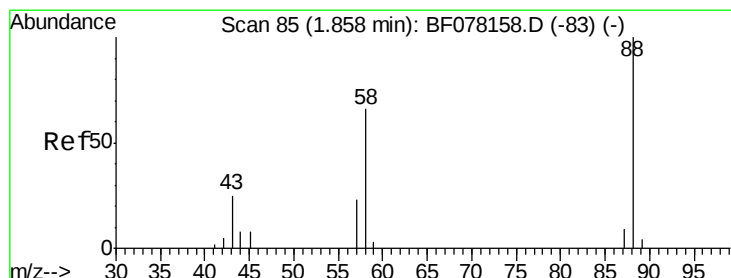
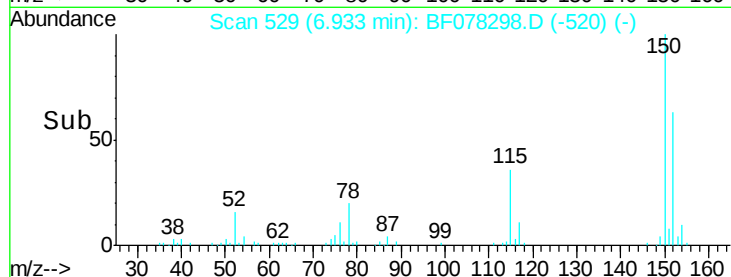
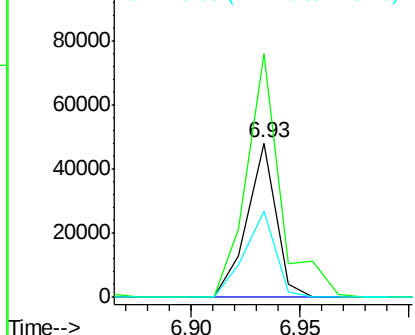
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Instrument :
BNA_F
ClientSampleId :
PB82554BS

Tot Ion:152 Resp: 44656
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 56.2 52.7 79.1



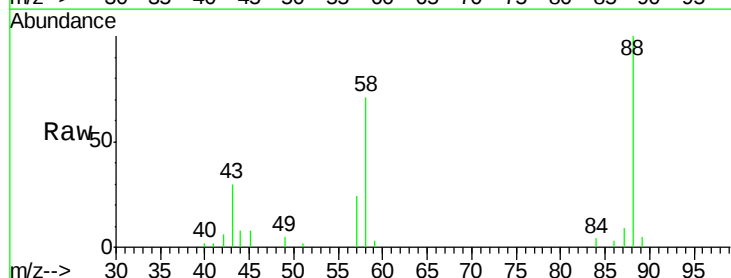
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



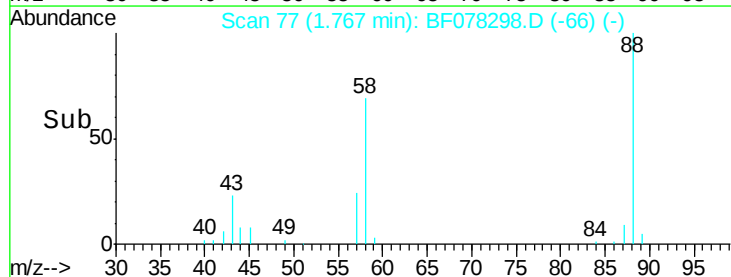
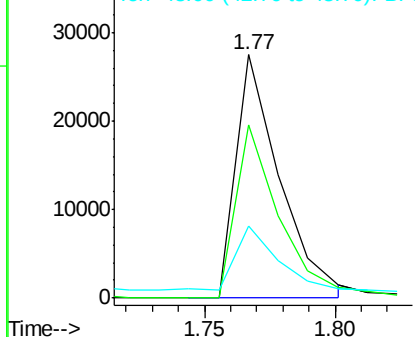
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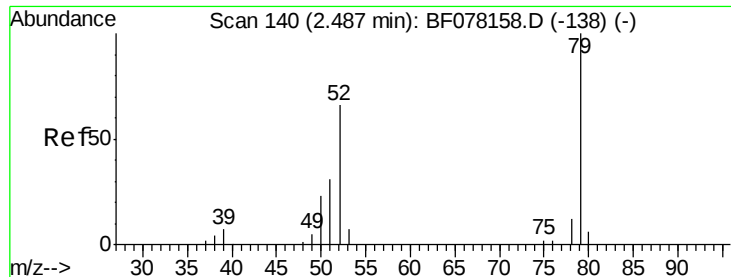
1,4-Dioxane
Concen: 26.50 ng
RT: 1.77 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion: 88 Resp: 32454
Ion Ratio Lower Upper
88 100
58 70.3 56.9 85.3
43 24.6 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

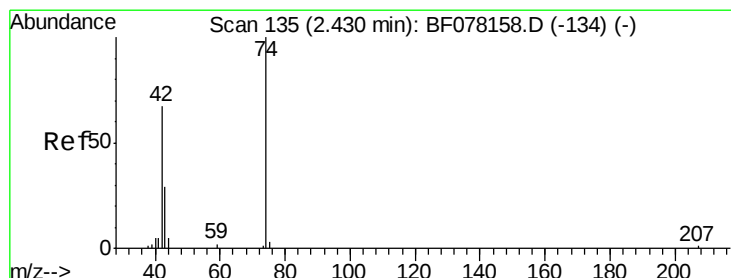
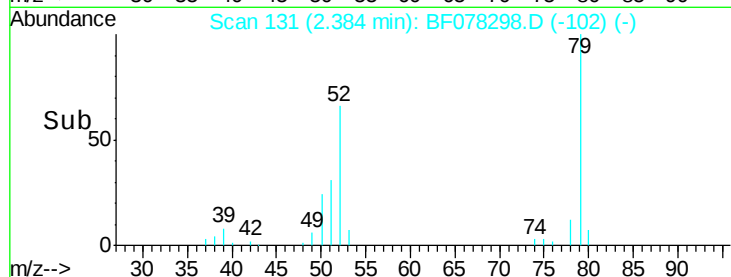
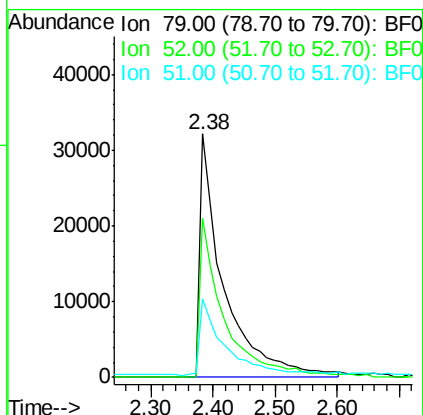
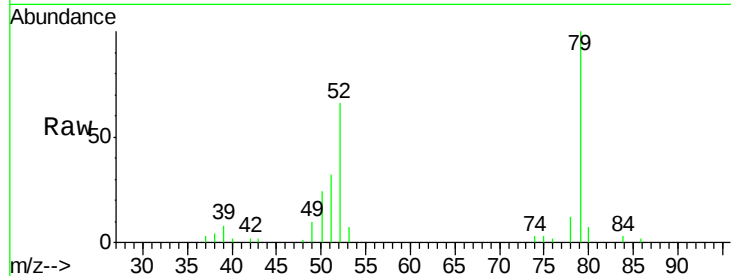




#3
 Pvridine
 Concen: 26.56 ng
 RT: 2.38 min Scan# 131
 Delta R.T. 0.03 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

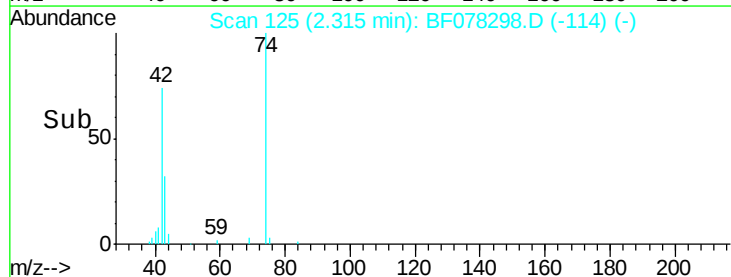
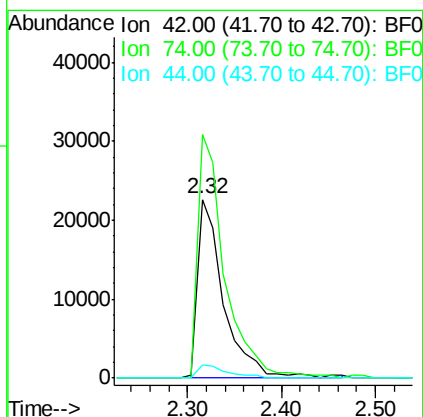
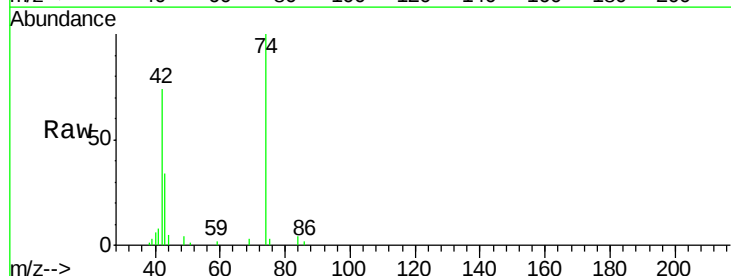
Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

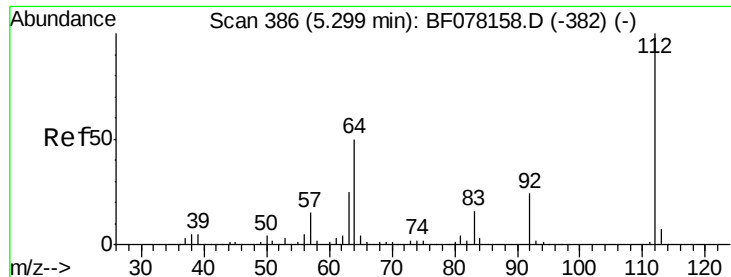
Tot Ion: 79 Resp: 85219
 Ion Ratio Lower Upper
 79 100
 52 65.5 52.4 78.6
 51 32.3 24.9 37.3



#4
 n-Nitrosodimethylamine
 Concen: 35.61 ng m
 RT: 2.32 min Scan# 125
 Delta R.T. 0.02 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion: 42 Resp: 43971
 Ion Ratio Lower Upper
 42 100
 74 136.0 118.7 178.1
 44 7.5 5.9 8.9





#5

2-Fluorophenol

Concen: 98.33 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

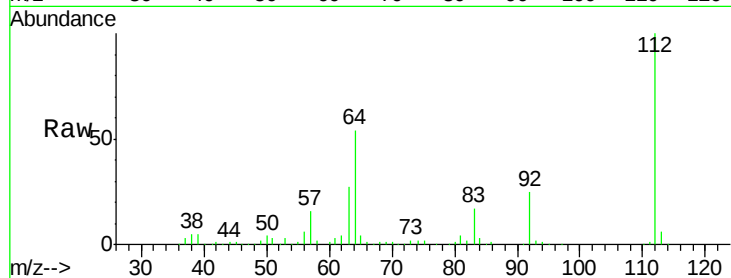
Tot Ion:112 Resp: 266318

Ion Ratio Lower Upper

112 100

64 53.7 39.9 59.9

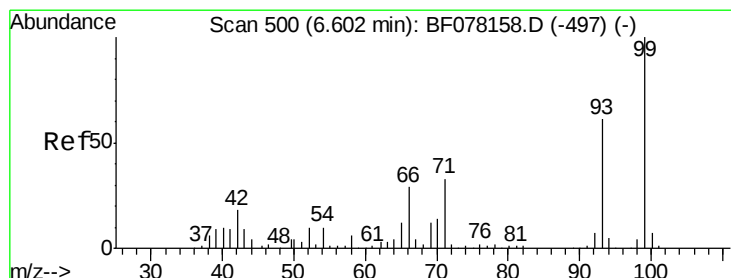
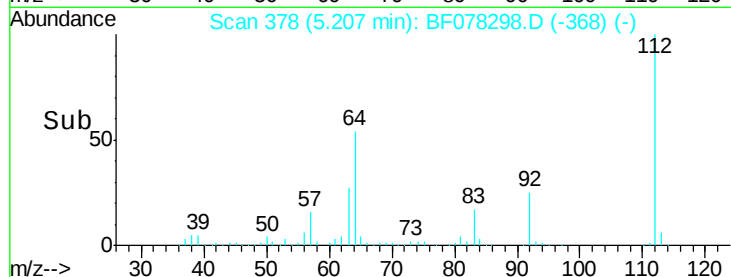
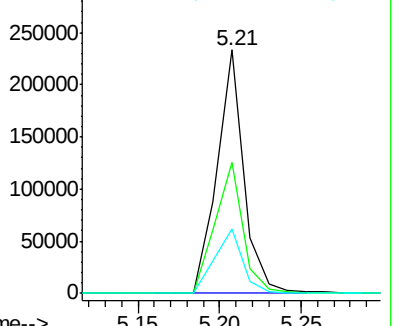
63 26.7 20.2 30.4



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: 13.34 ng

RT: 6.52 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

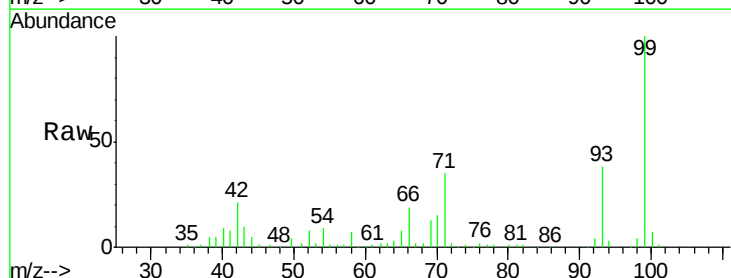
Tgt Ion: 93 Resp: 64205

Ion Ratio Lower Upper

93 100

66 50.4 38.0 57.0

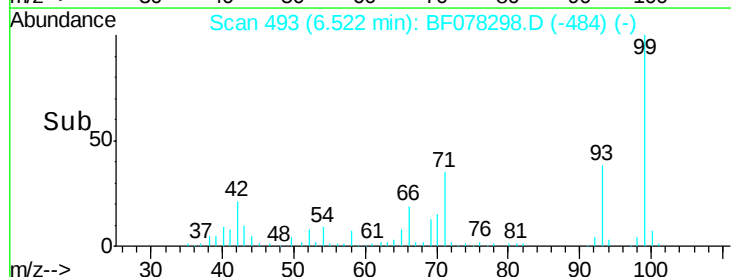
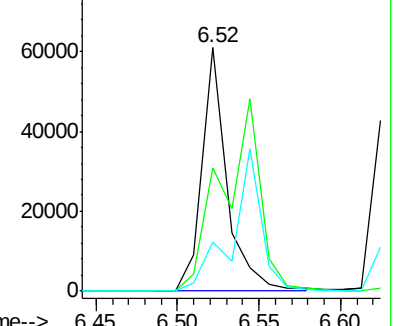
65 20.0 16.3 24.5

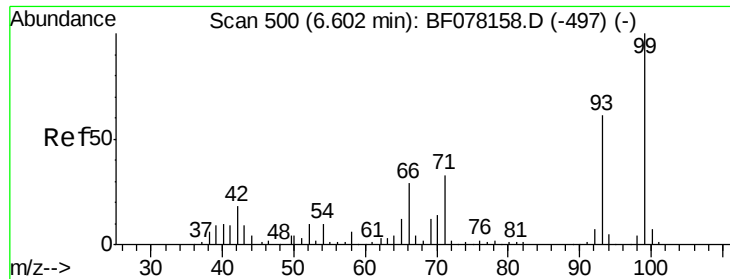


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.17 ng

RT: 6.53 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

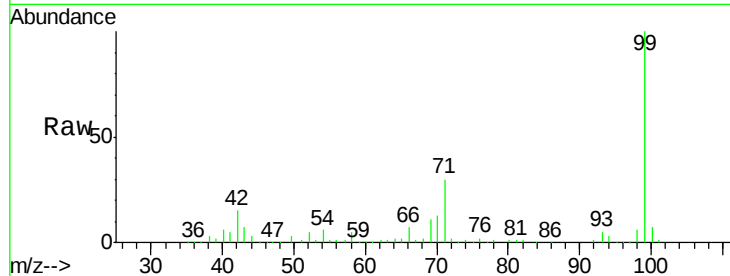
Tot Ion: 99 Resp: 339994

Ion Ratio Lower Upper

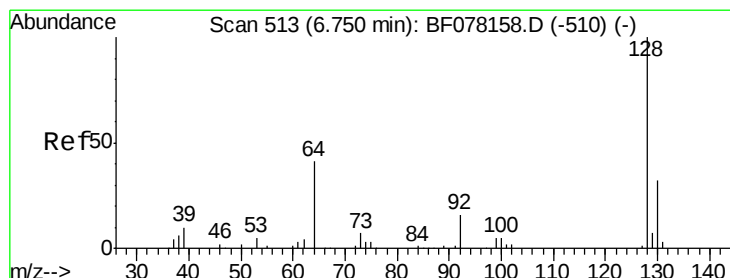
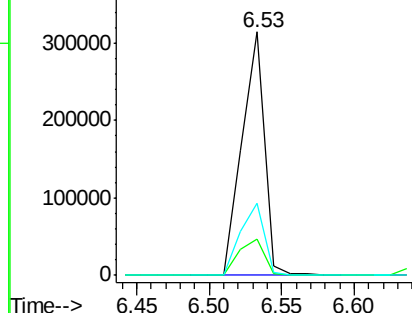
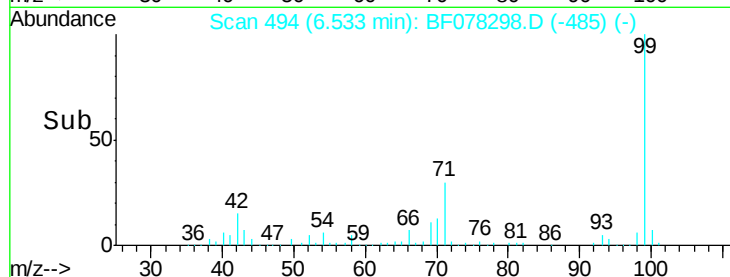
99 100

42 14.7 14.8 22.2#

71 29.9 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: 31.15 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

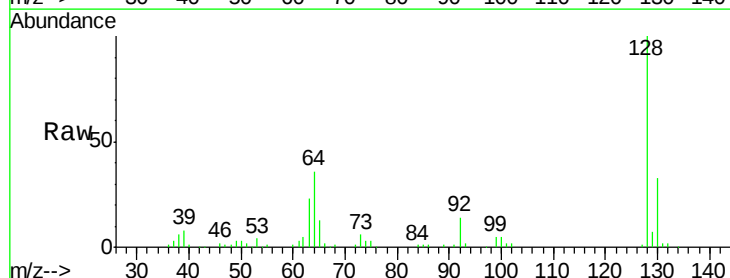
Tgt Ion:128 Resp: 99763

Ion Ratio Lower Upper

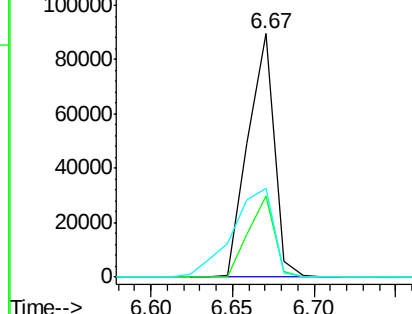
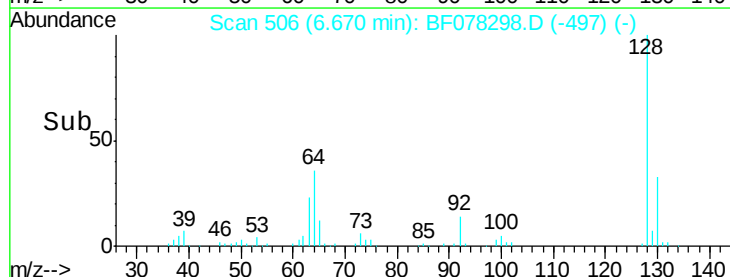
128 100

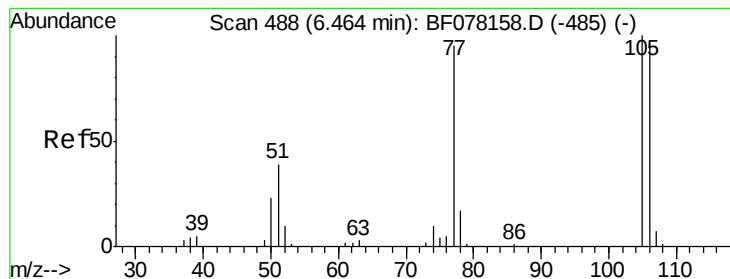
130 33.2 12.3 52.3

64 36.3 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: 18.24 ng

RT: 6.37 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

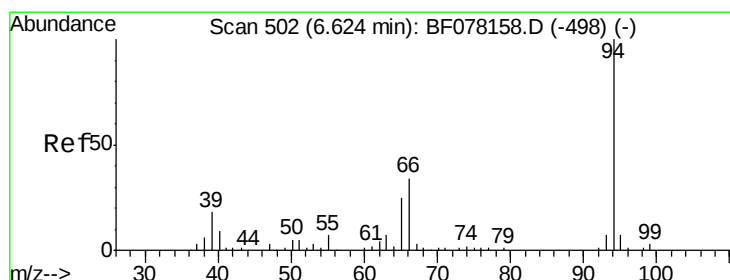
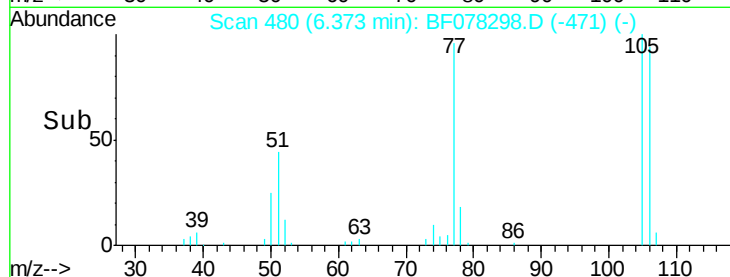
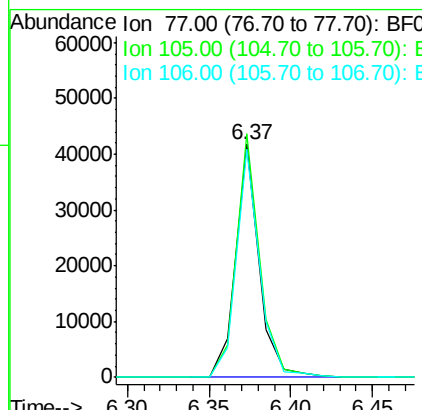
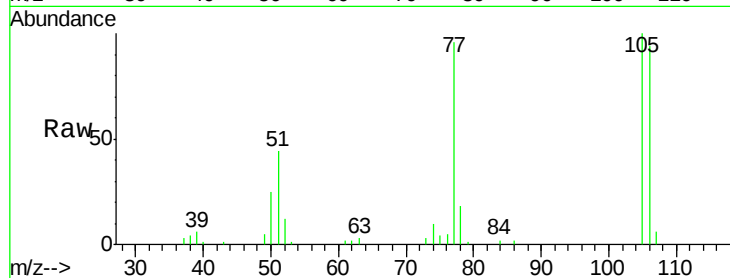
Tot Ion: 77 Resp: 41033

Ion Ratio Lower Upper

77 100

105 104.5 85.4 125.4

106 98.0 80.8 120.8



#10

Phenol

Concen: 30.69 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

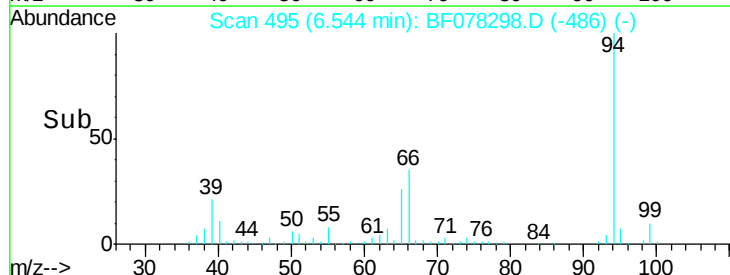
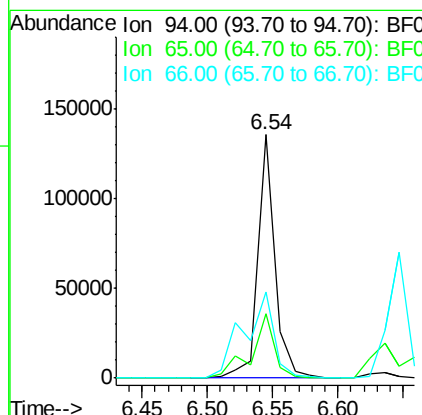
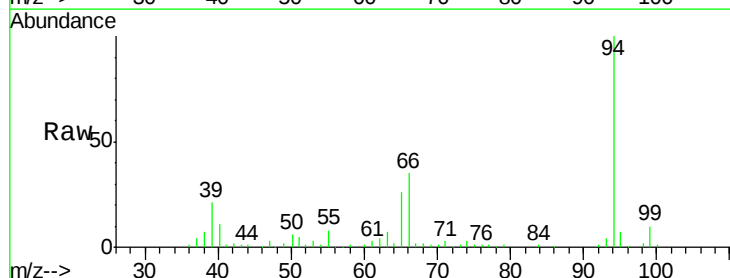
Tgt Ion: 94 Resp: 124838

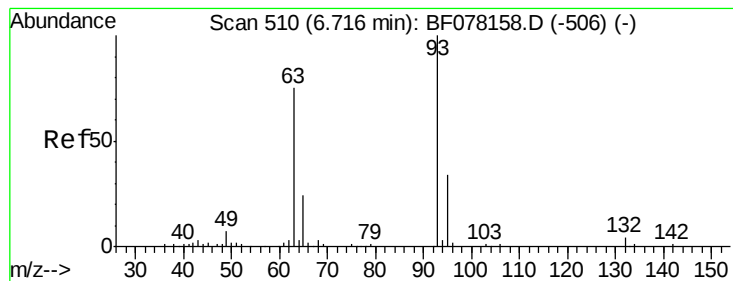
Ion Ratio Lower Upper

94 100

65 26.4 4.9 44.9

66 35.5 13.8 53.8

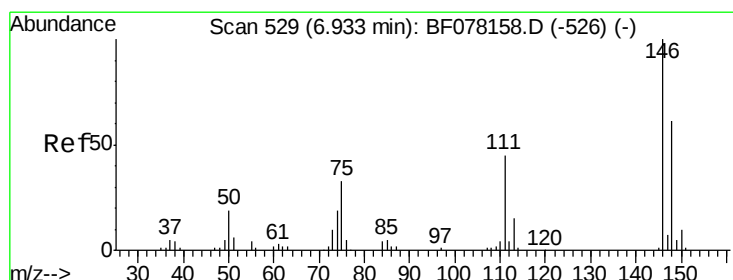
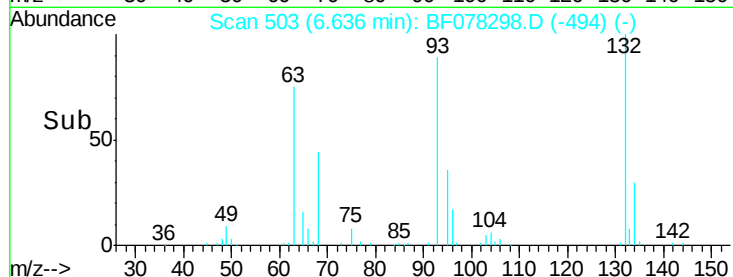
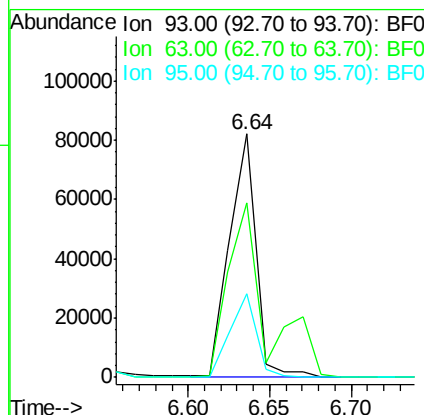
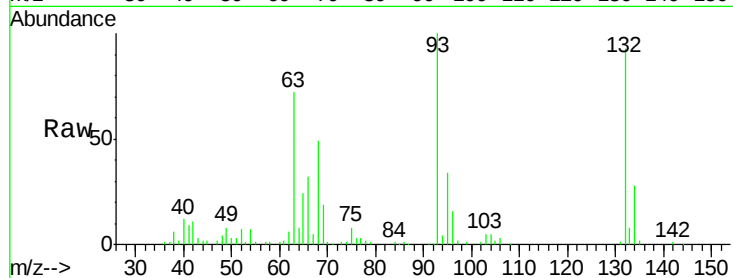




#11
bis(2-Chloroethyl)ether
Concen: 31.46 ng
RT: 6.64 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

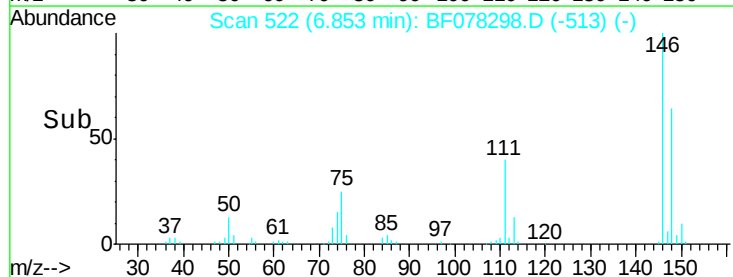
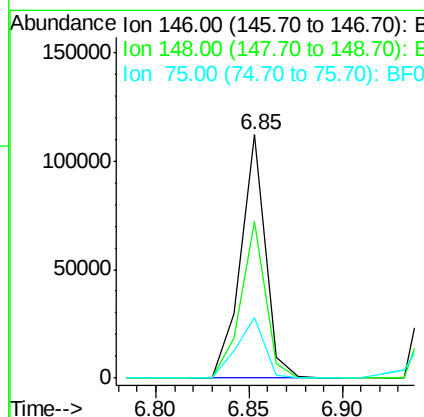
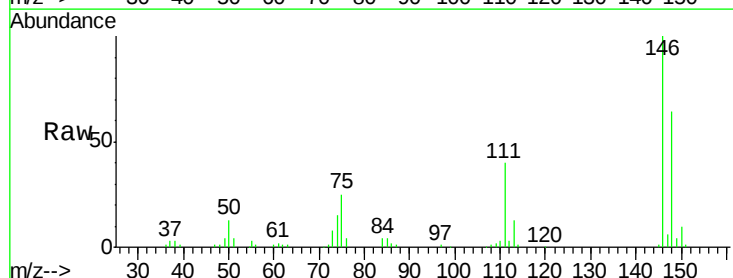
Instrument :
BNA_F
ClientSampleId :
PB82554BS

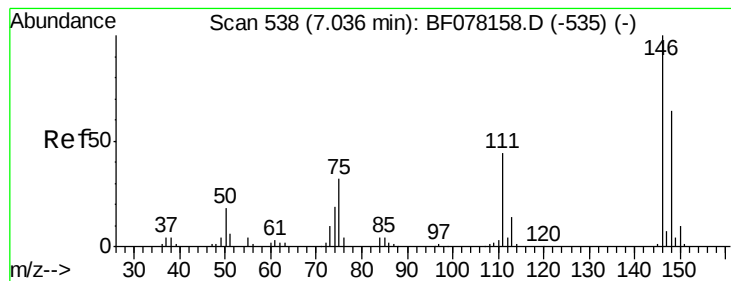
Tot Ion: 93 Resp: 92017
Ion Ratio Lower Upper
93 100
63 71.7 54.6 94.6
95 34.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 29.75 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion: 146 Resp: 104643
Ion Ratio Lower Upper
146 100
148 64.1 49.1 73.7
75 25.1 26.6 40.0#





#13

1,4-Dichlorobenzene

Concen: 30.21 ng

RT: 6.96 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleID :

PB82554BS

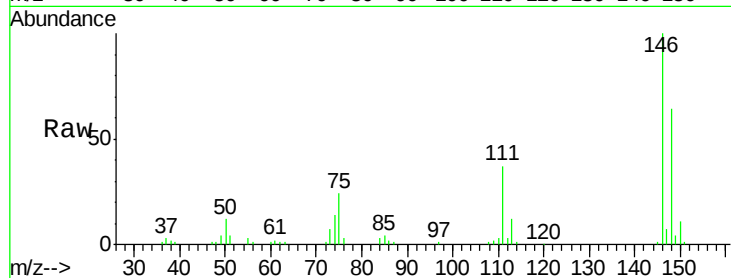
Tot Ion:146 Resp: 106967

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

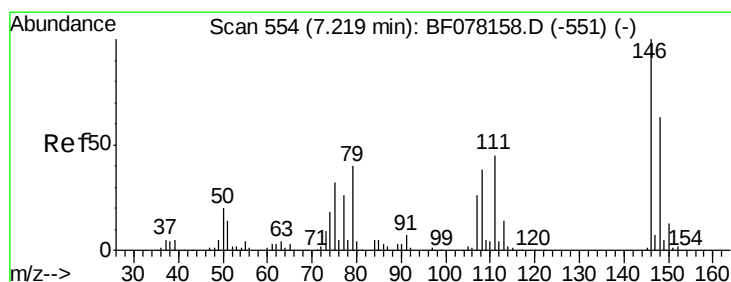
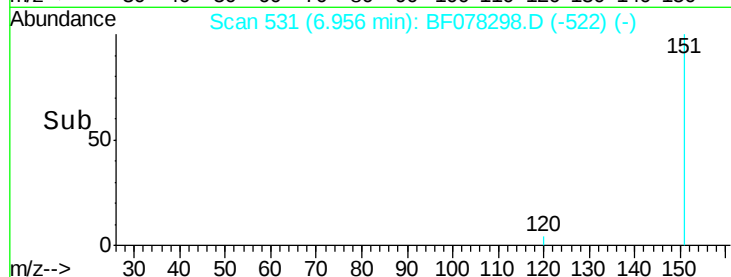
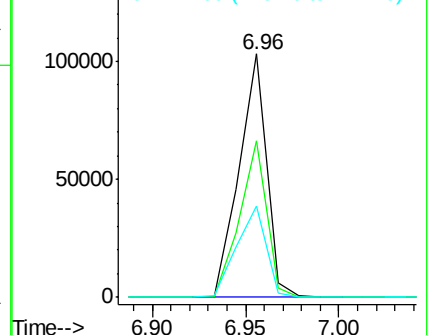
111 37.4 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.07 ng

RT: 7.14 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

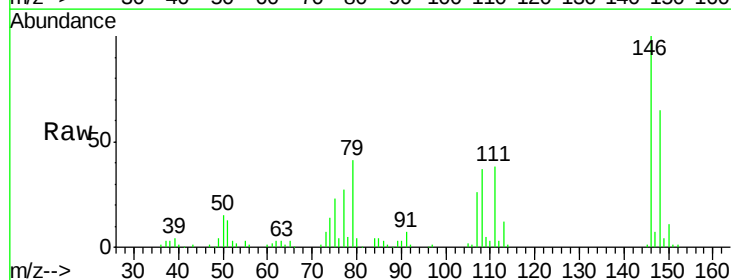
Tgt Ion:146 Resp: 99848

Ion Ratio Lower Upper

146 100

148 64.8 50.2 75.4

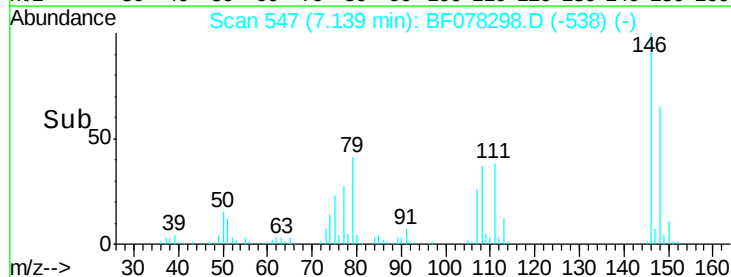
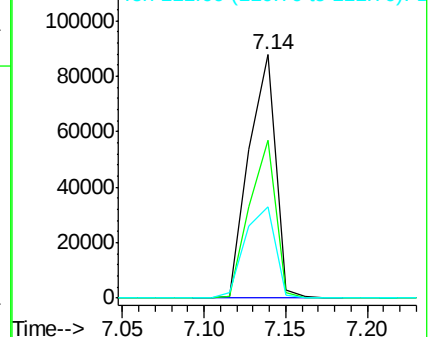
111 37.5 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.98 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

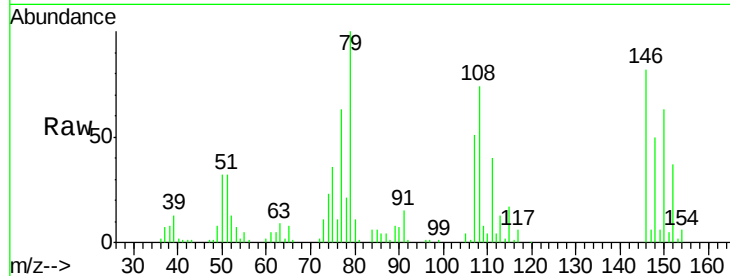
Tot Ion: 79 Resp: 78655

Ion Ratio Lower Upper

79 100

108 74.0 57.6 86.4

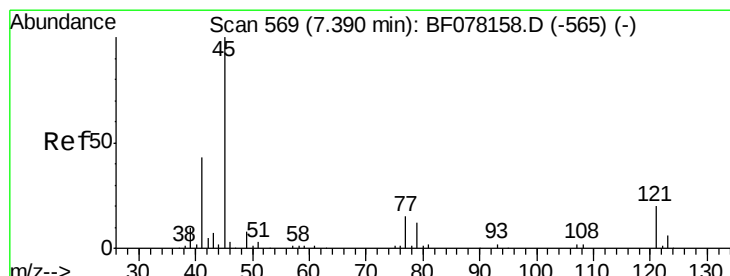
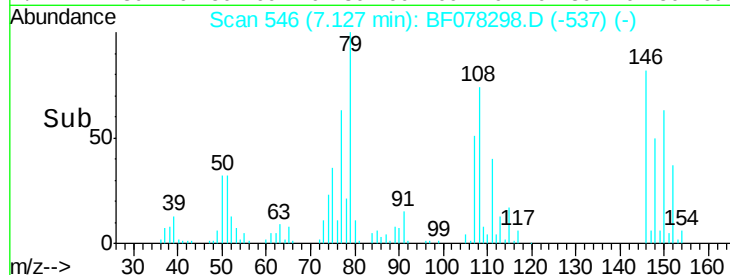
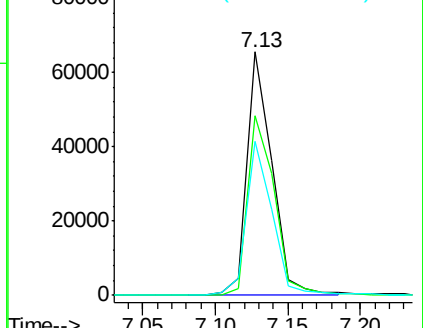
77 63.1 53.5 80.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.98 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

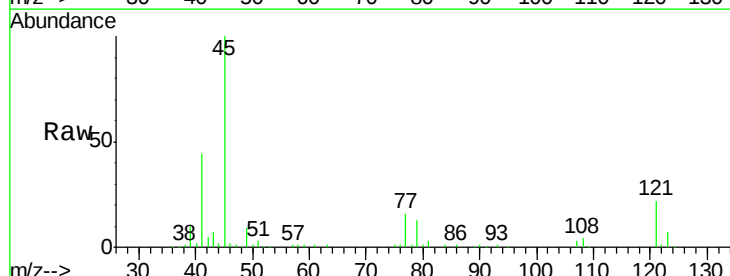
Tgt Ion: 45 Resp: 120881

Ion Ratio Lower Upper

45 100

77 16.2 0.0 34.5

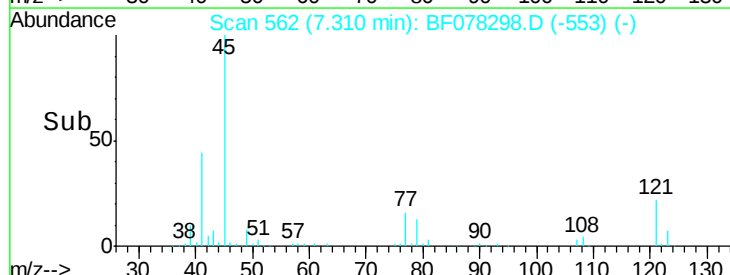
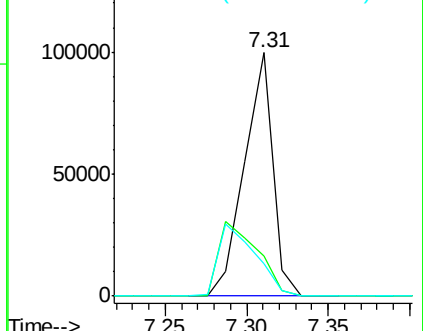
79 13.3 0.0 31.9

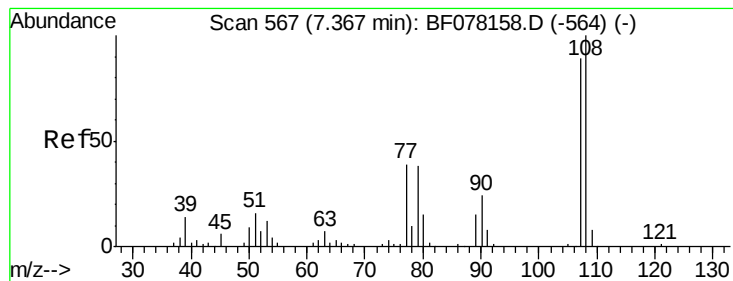


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

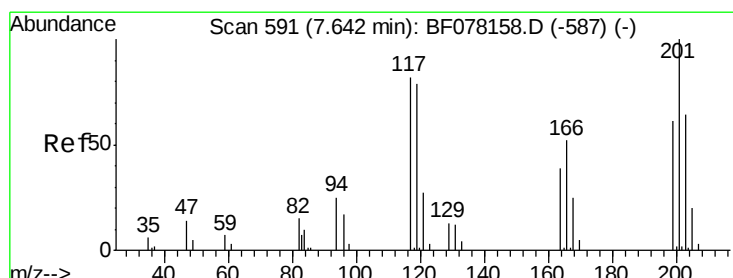
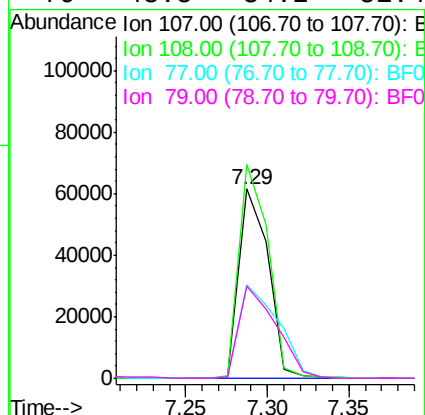
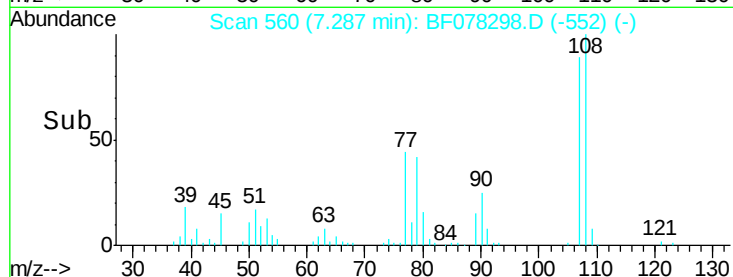
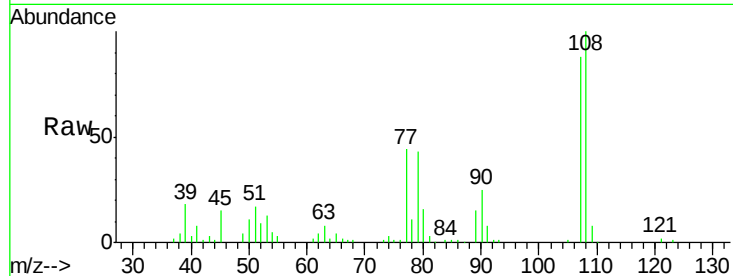




#17
2-Methylphenol
Concen: 30.44 ng
RT: 7.29 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

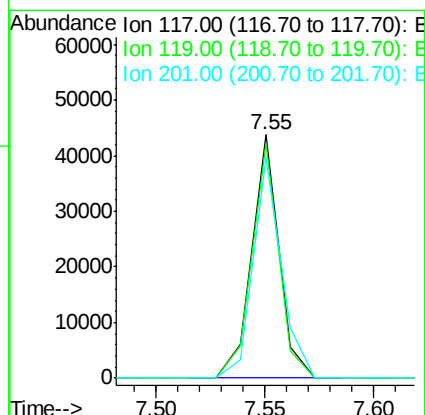
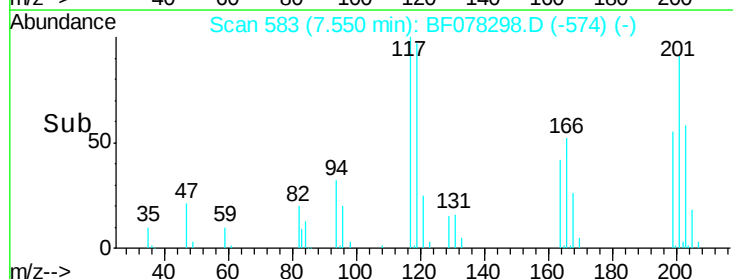
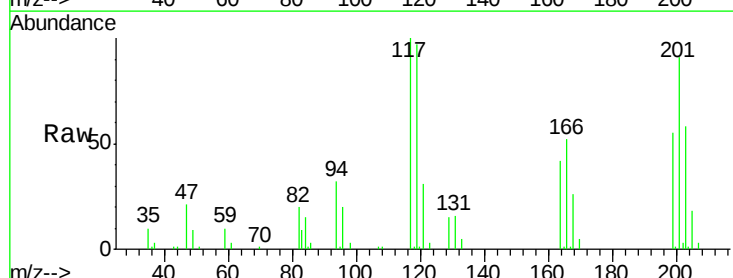
Instrument :
BNA_F
ClientSampleId :
PB82554BS

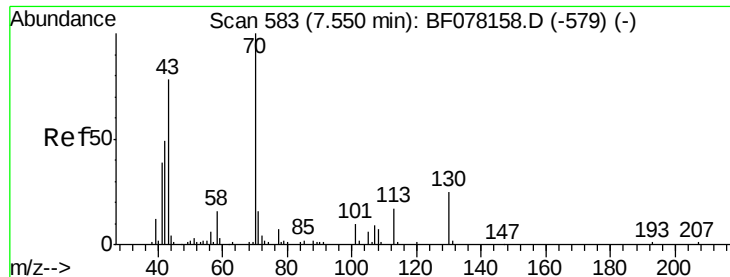
Tot Ion:	107	Resp:	75700
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.3	135.5
77	49.6	35.5	53.3
79	48.5	34.2	51.4



#18
Hexachloroethane
Concen: 31.79 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion:	117	Resp:	37965
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.6
201	90.6	98.1	147.1#

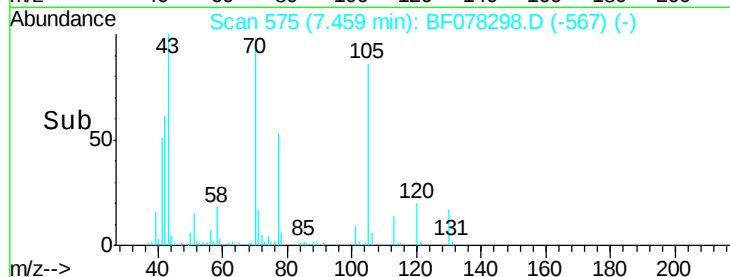
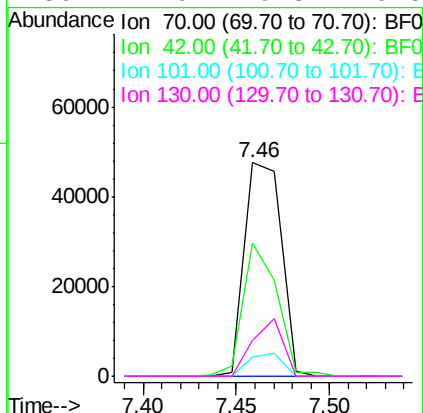
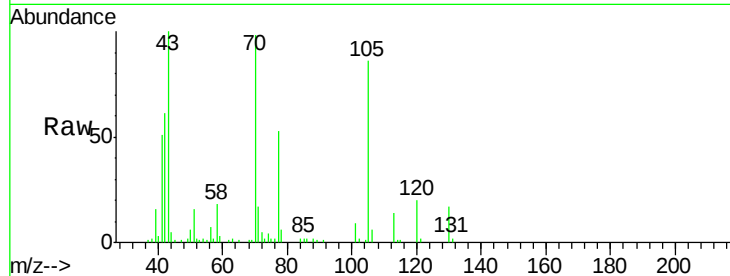




#19
n-Nitroso-di-n-propylamine
Concen: 29.14 ng
RT: 7.46 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

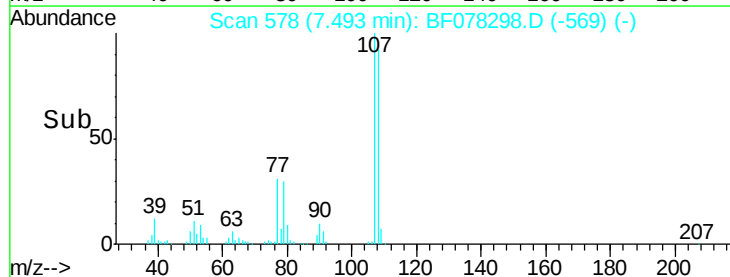
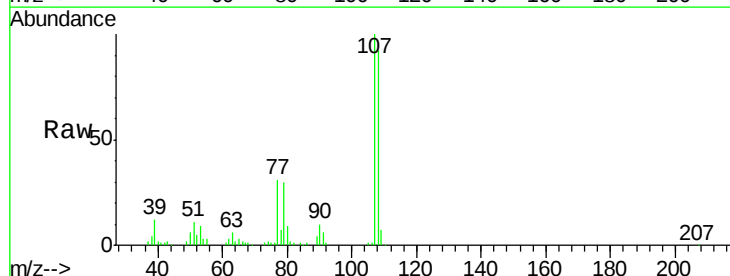
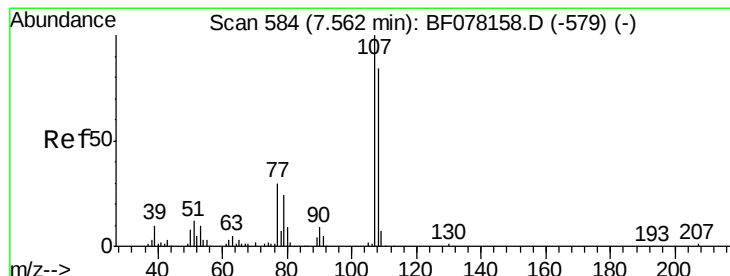
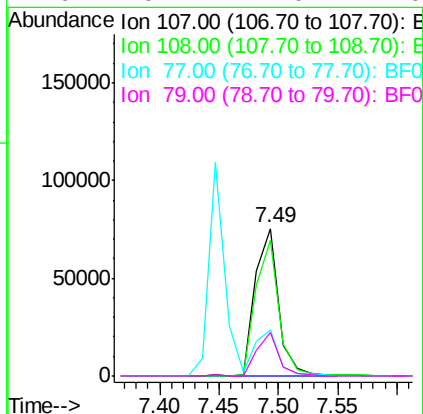
Instrument :
BNA_F
ClientSampleId :
PB82554BS

Tot Ion: 70 Resp: 65256
Ion Ratio Lower Upper
70 100
42 62.2 38.9 58.3#
101 8.8 8.3 12.5
130 17.0 19.8 29.8#



#20
3+4-Methylphenols
Concen: 31.79 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion:107 Resp: 105454
Ion Ratio Lower Upper
107 100
108 91.8 64.4 104.4
77 31.1 9.7 49.7
79 29.7 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

Tot Ion:136 Resp: 180457

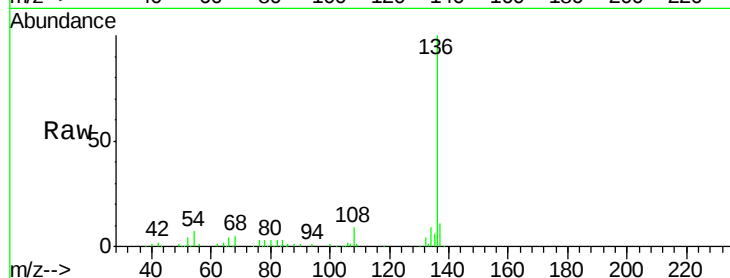
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.9 7.0 10.6#

68 5.2 5.4 8.2#

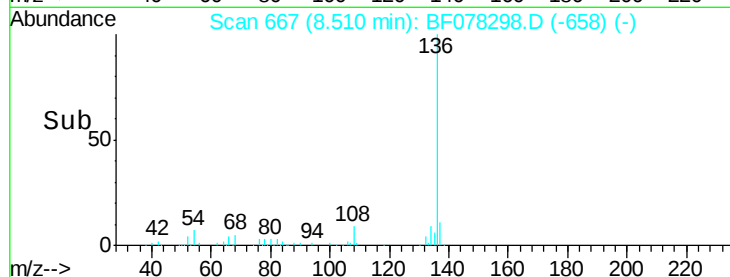


Abundance Ion 136.00 (135.70 to 136.70): E

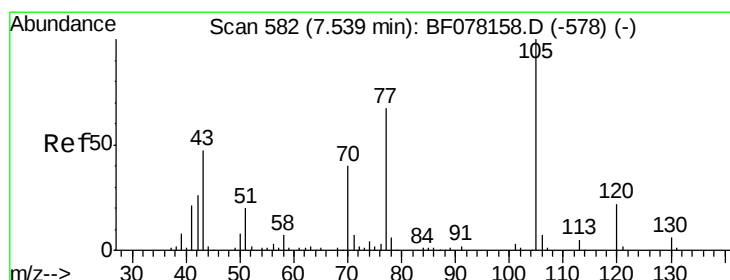
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 32.46 ng

RT: 7.45 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Tgt Ion:105 Resp: 136472

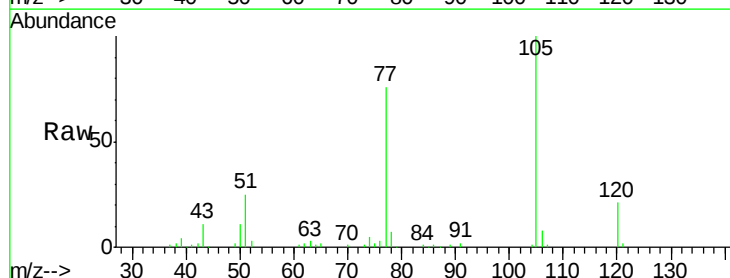
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 25.5 16.0 24.0#

120 21.0 17.8 26.6

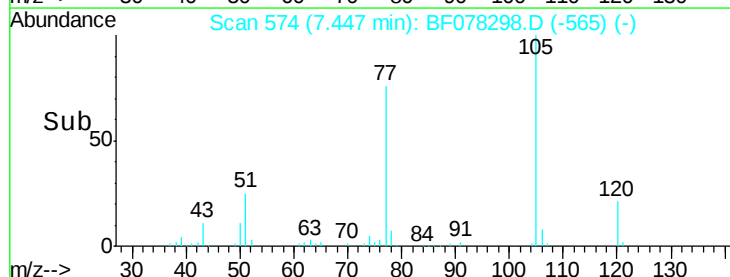


Abundance Ion 105.00 (104.70 to 105.70): E

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



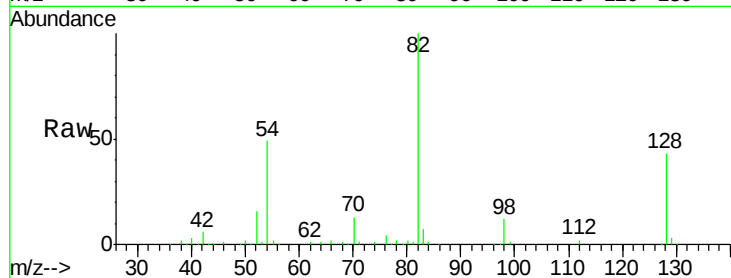
Time-->



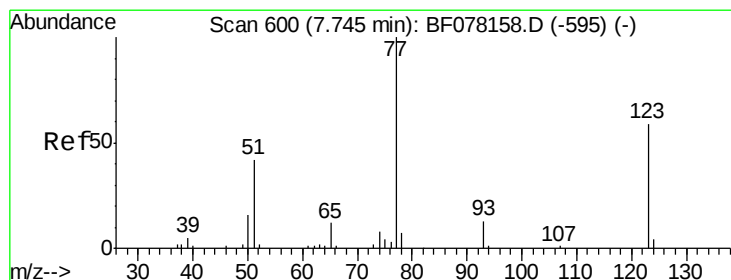
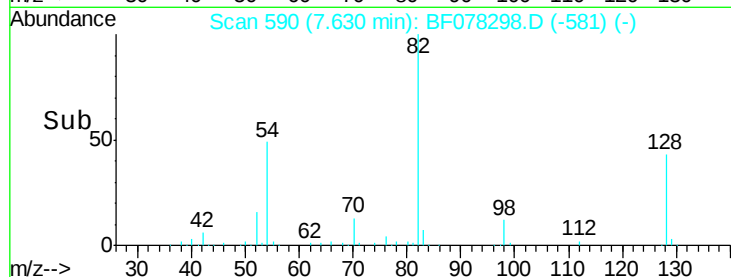
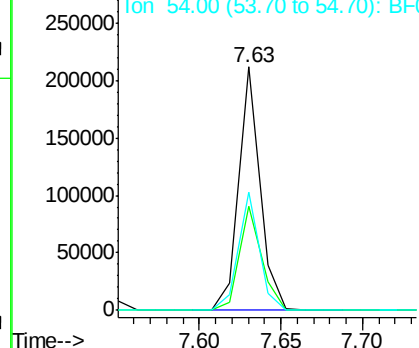
#23
Nitrobenzene-d5
Concen: 63.61 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Instrument :
BNA_F
ClientSampleId :
PB82554BS

Tot Ion	82	Resp	189386
Ion Ratio	100	Lower	Upper
128	43.0	31.8	47.8
54	48.6	41.5	62.3

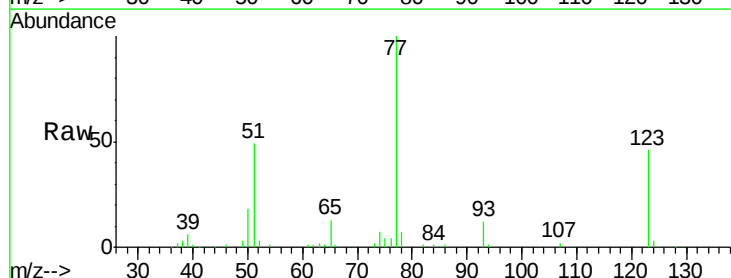


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

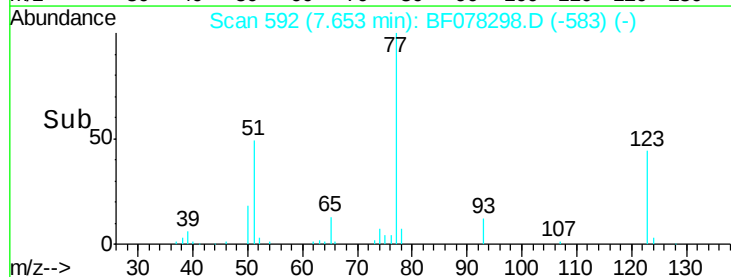
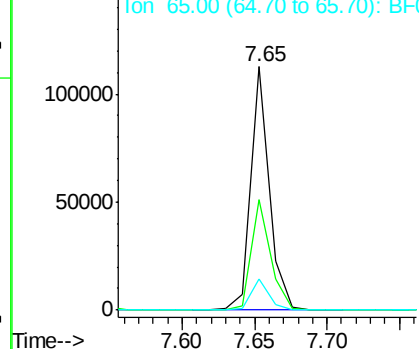


#24
Nitrobenzene
Concen: 31.96 ng
RT: 7.65 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion	77	Resp	99471
Ion Ratio	100	Lower	Upper
123	45.5	46.9	70.3#
65	12.6	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: 30.89 ng

RT: 7.96 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

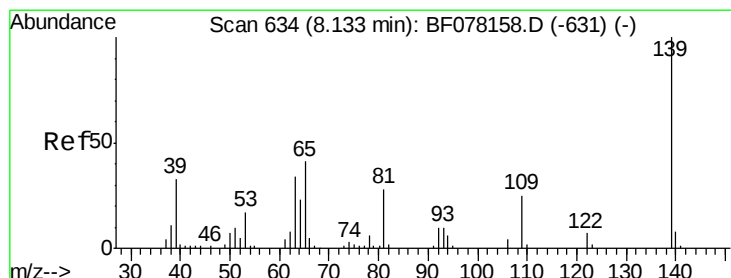
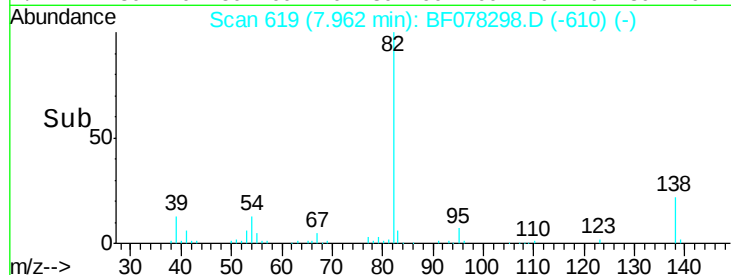
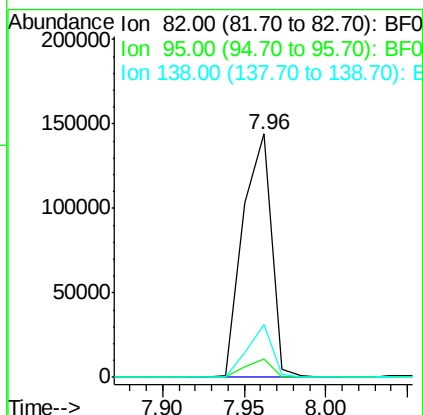
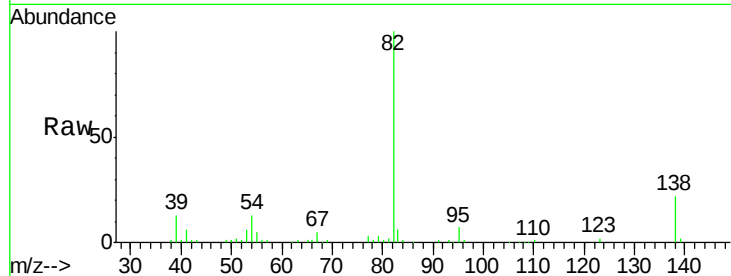
Tot Ion: 82 Resp: 174533

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 21.8 15.8 23.8



#26

2-Nitrophenol

Concen: 30.94 ng

RT: 8.05 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

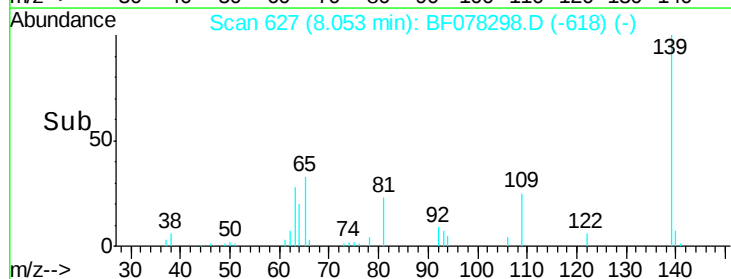
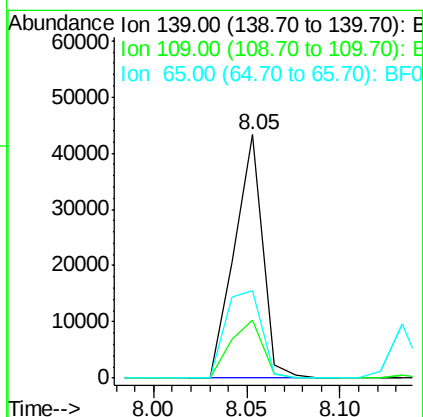
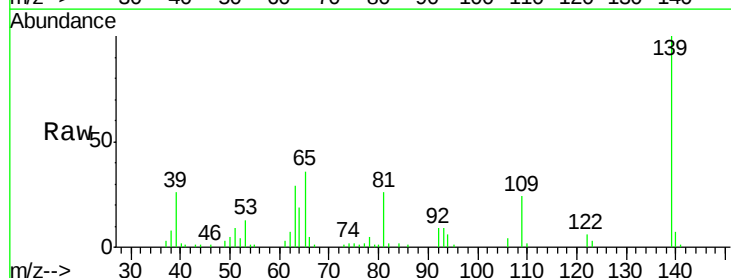
Tgt Ion: 139 Resp: 45896

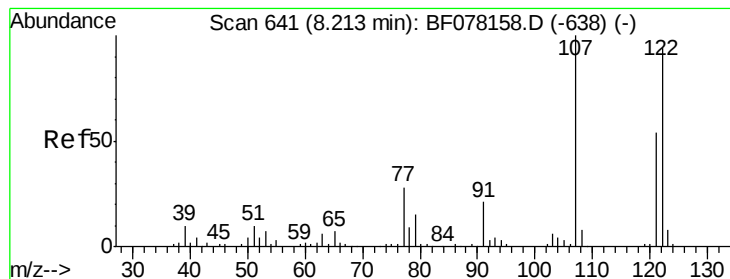
Ion Ratio Lower Upper

139 100

109 24.0 19.8 29.8

65 36.0 32.7 49.1





#27

2,4-Dimethylphenol

Concen: 32.17 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

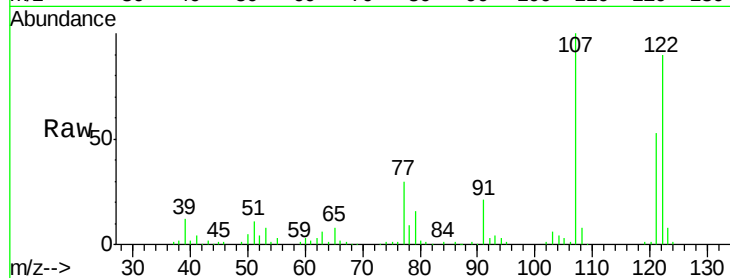
Tot Ion:122 Resp: 88718

Ion Ratio Lower Upper

122 100

107 110.6 84.6 127.0

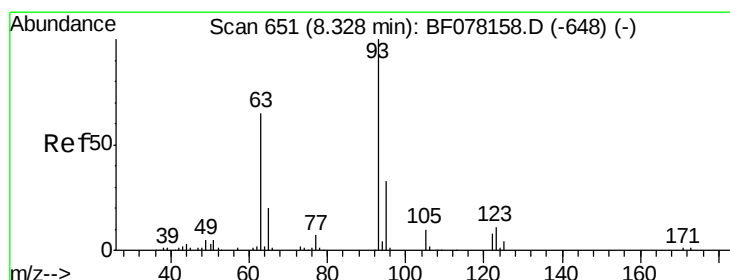
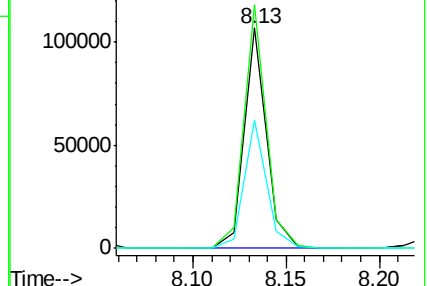
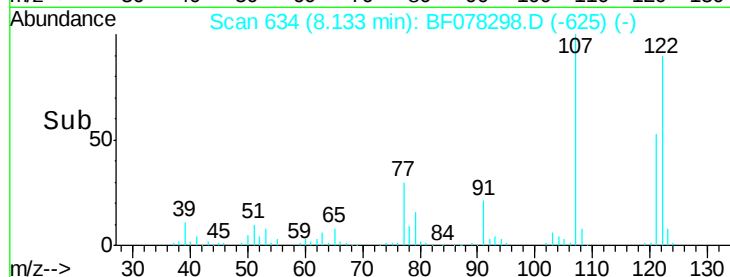
121 58.6 46.0 69.0



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: 31.44 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

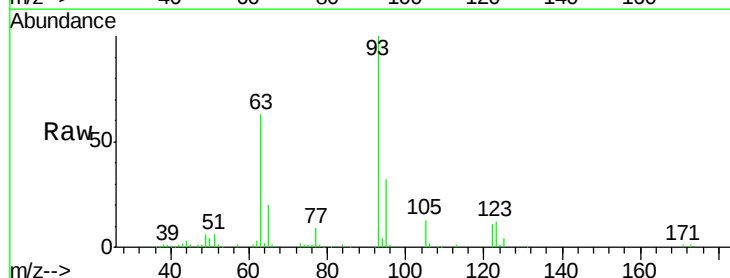
Tgt Ion: 93 Resp: 113899

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

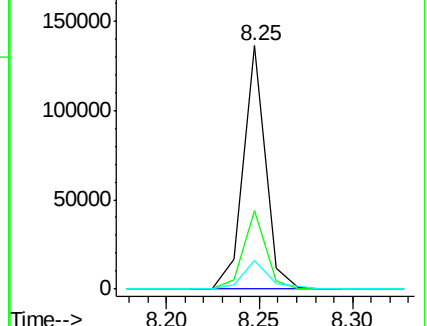
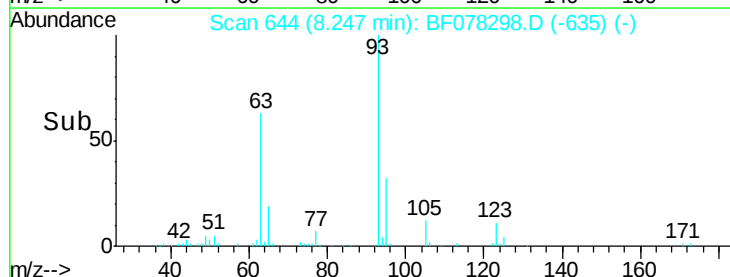
123 11.6 9.1 13.7

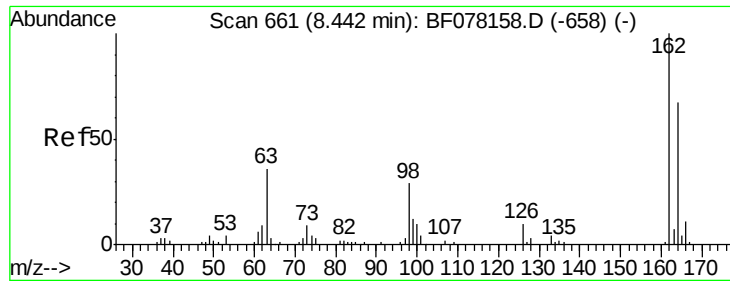


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

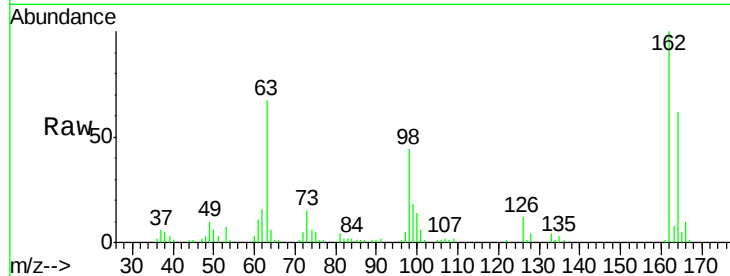




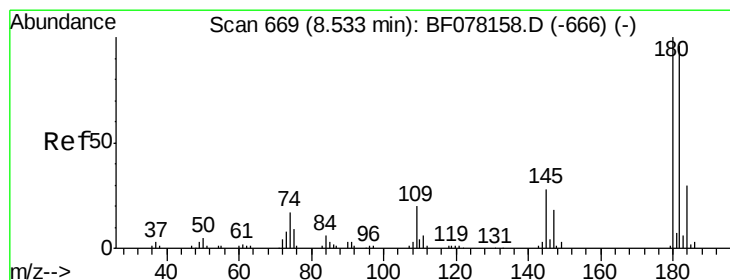
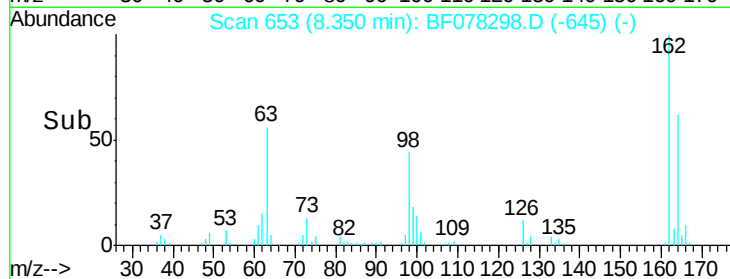
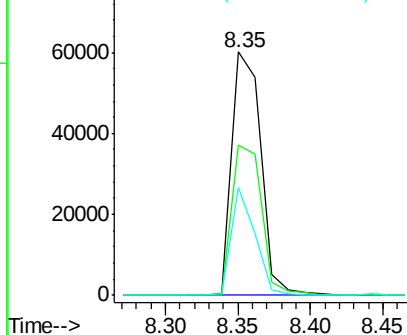
#29
 2,4-Dichlorophenol
 Concen: 33.41 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

Tot Ion:162 Resp: 83822
 Ion Ratio Lower Upper
 162 100
 164 61.5 47.0 87.0
 98 44.4 9.2 49.2

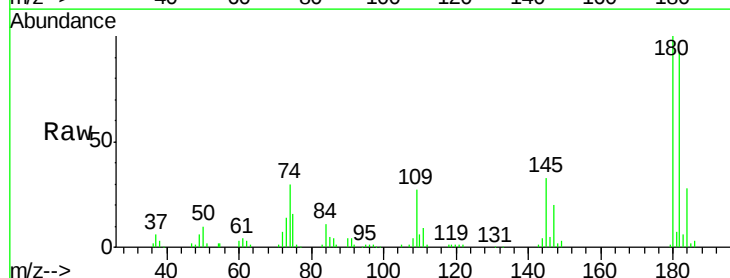


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

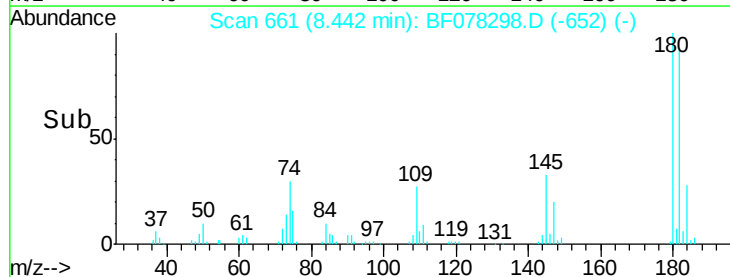
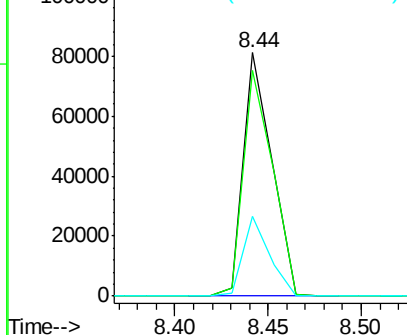


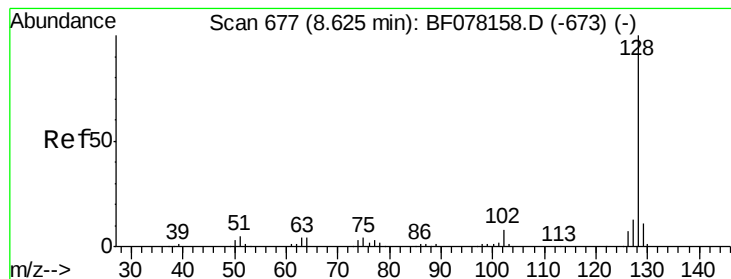
#30
 1,2,4-Trichlorobenzene
 Concen: 29.91 ng
 RT: 8.44 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:180 Resp: 86057
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.9 115.3
 145 32.5 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: 29.96 ng

RT: 8.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

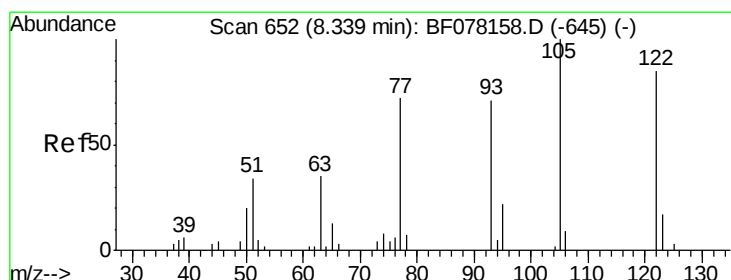
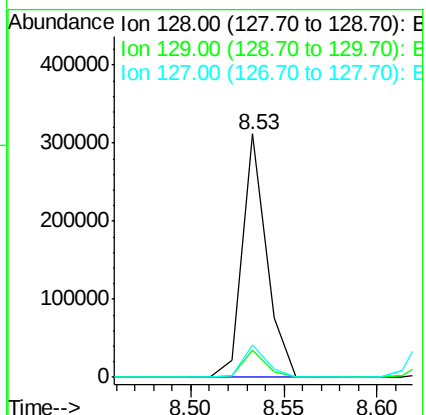
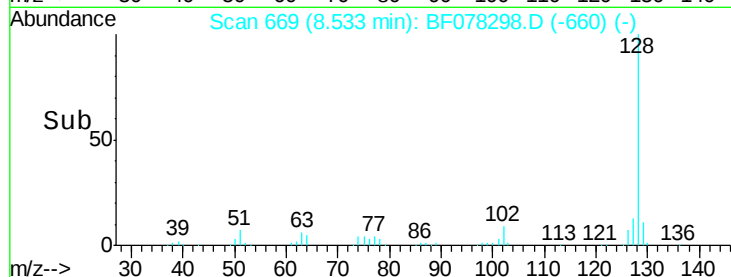
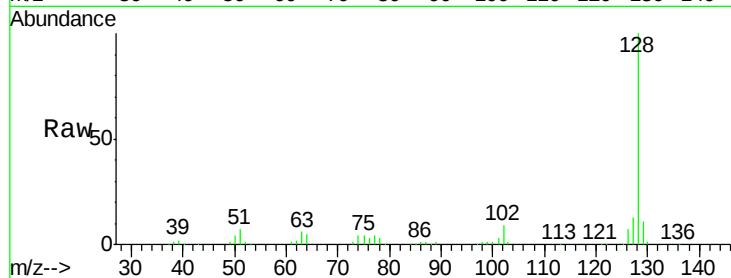
Tot Ion:128 Resp: 281419

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 44.08 ng

RT: 8.26 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

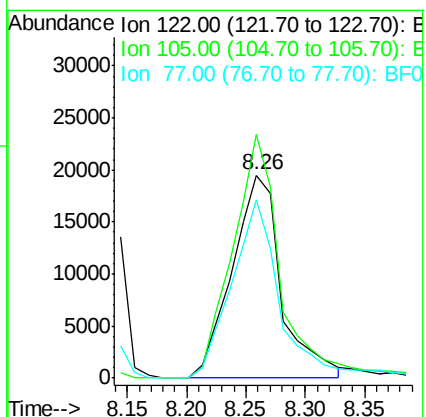
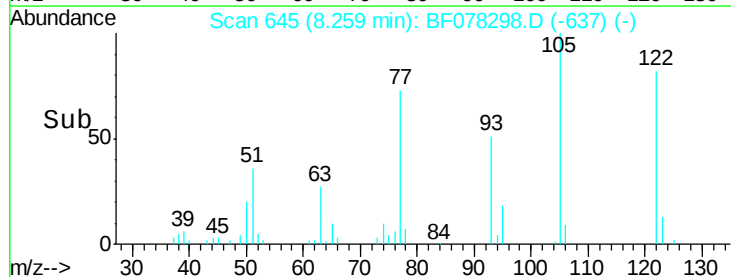
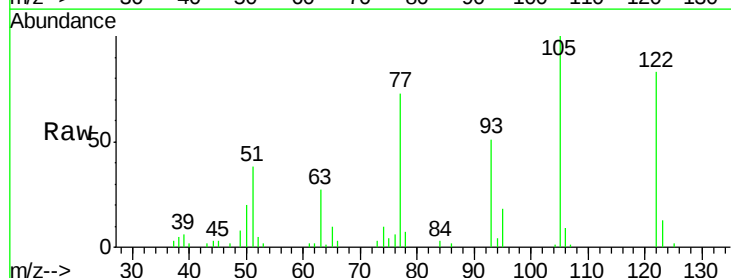
Tgt Ion:122 Resp: 56478

Ion Ratio Lower Upper

122 100

105 120.1 96.1 136.1

77 88.2 64.1 104.1

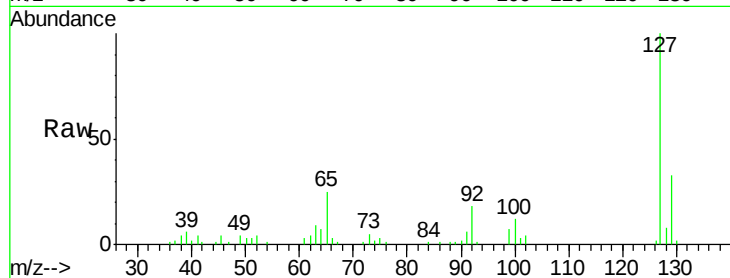




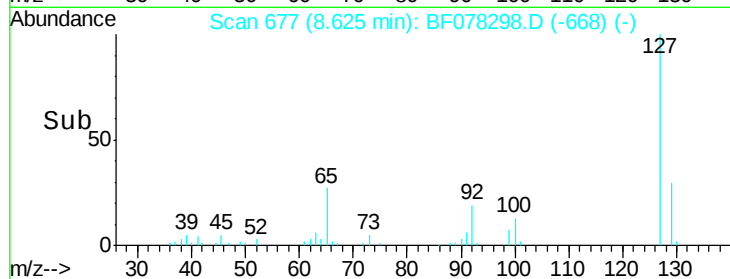
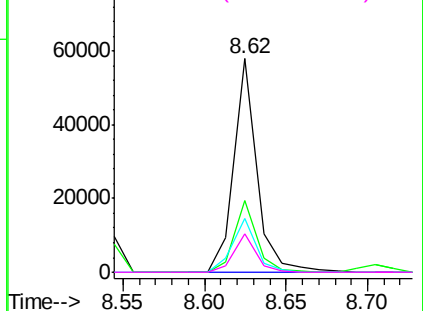
#33
4-Chloroaniline
Concen: 14.51 ng
RT: 8.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Instrument :
BNA_F
ClientSampleId :
PB82554BS

Tot Ion:	127	Resp:	56559
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.5	38.3
65	25.5	21.7	32.5
92	18.0	14.6	21.8

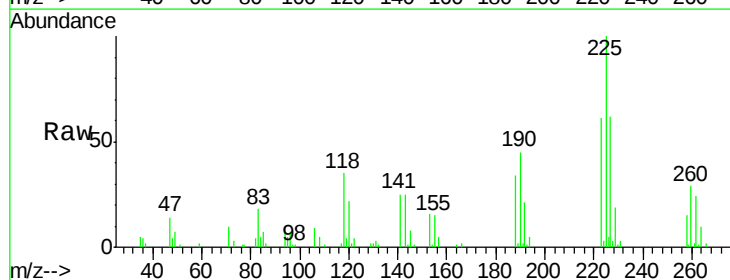


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

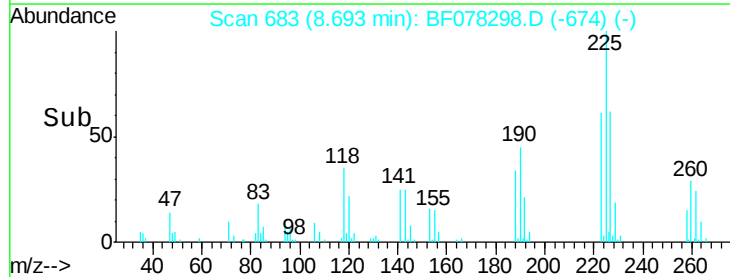
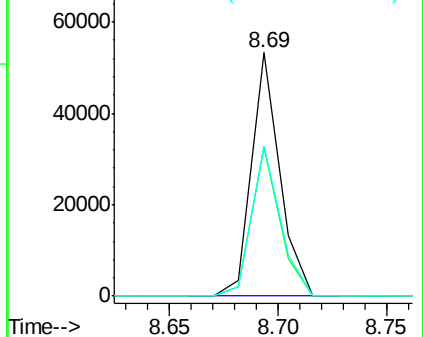


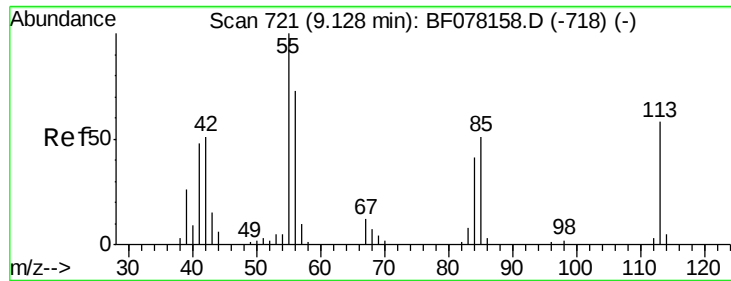
#34
Hexachlorobutadiene
Concen: 30.44 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion:	225	Resp:	48080
Ion	Ratio	Lower	Upper
225	100		
223	61.1	47.5	71.3
227	61.7	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

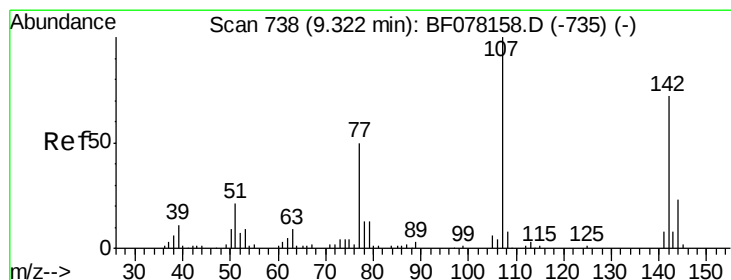
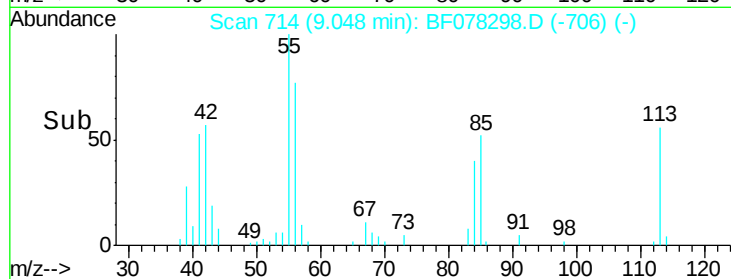
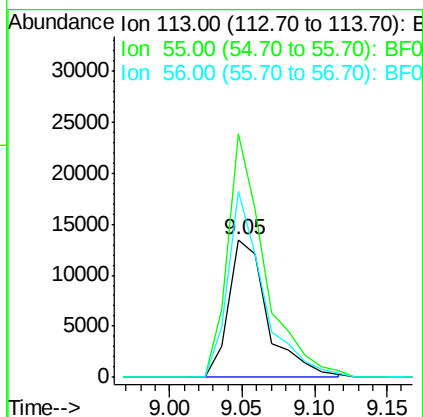
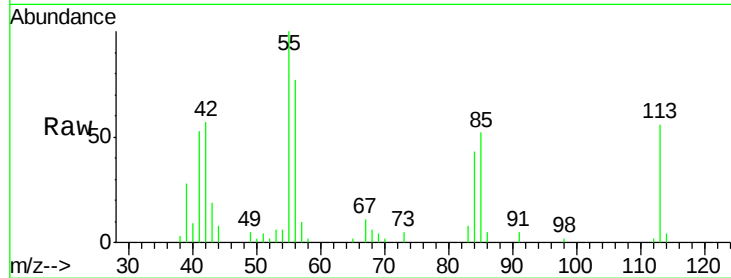




#35
 Caprolactam
 Concen: 33.67 ng
 RT: 9.05 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

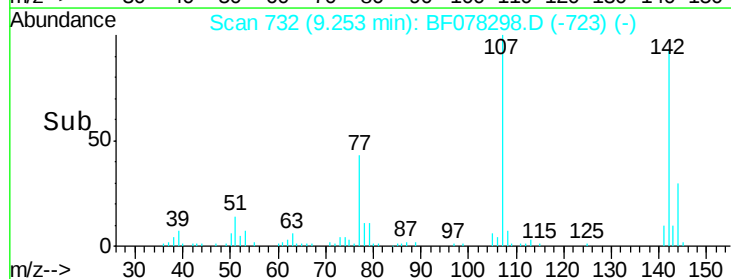
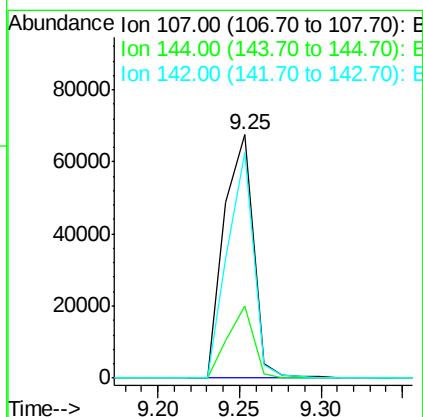
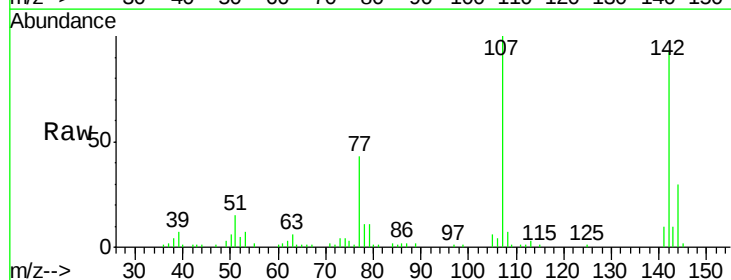
Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

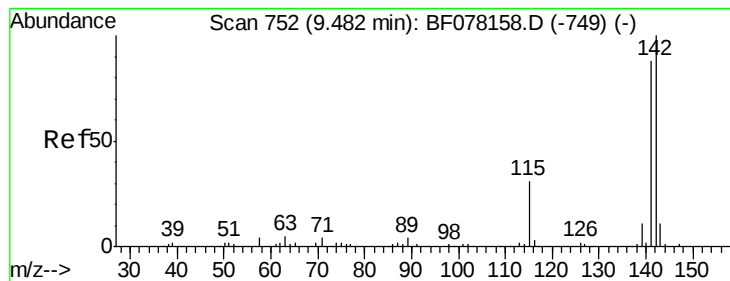
Tot Ion:113 Resp: 25219
 Ion Ratio Lower Upper
 113 100
 55 177.1 151.9 191.9
 56 135.6 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 33.12 ng
 RT: 9.25 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:107 Resp: 83849
 Ion Ratio Lower Upper
 107 100
 144 29.6 18.2 27.2#
 142 92.8 58.0 87.0#





#37

2-Methylnaphthalene

Concen: 30.28 ng

RT: 9.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

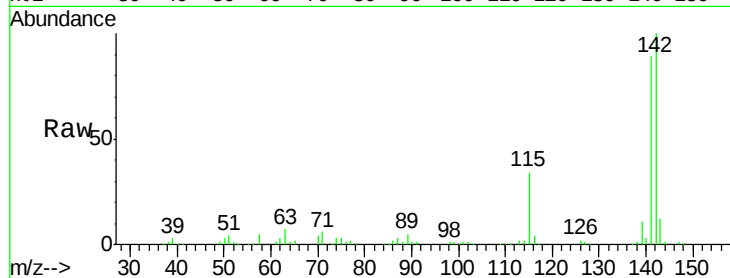
Tot Ion:142 Resp: 193122

Ion Ratio Lower Upper

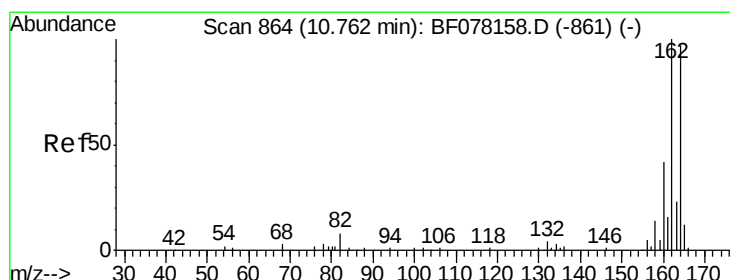
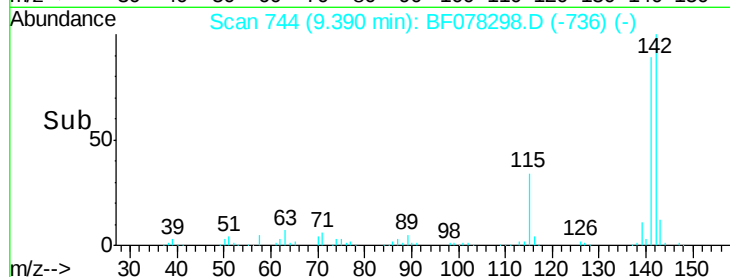
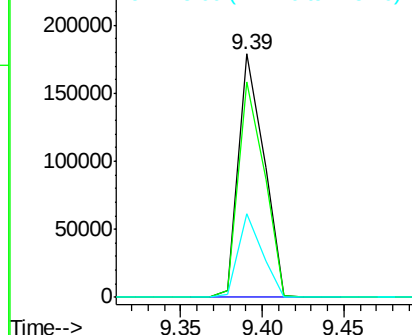
142 100

141 88.7 70.3 105.5

115 34.3 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: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

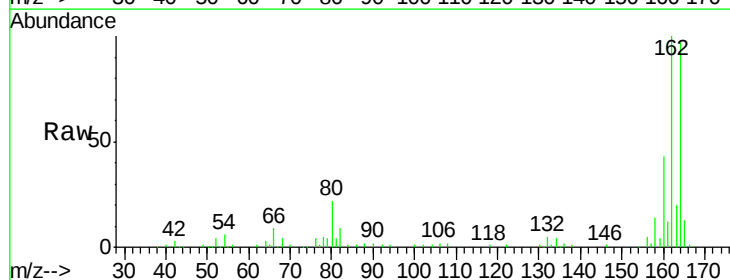
Tgt Ion:164 Resp: 91053

Ion Ratio Lower Upper

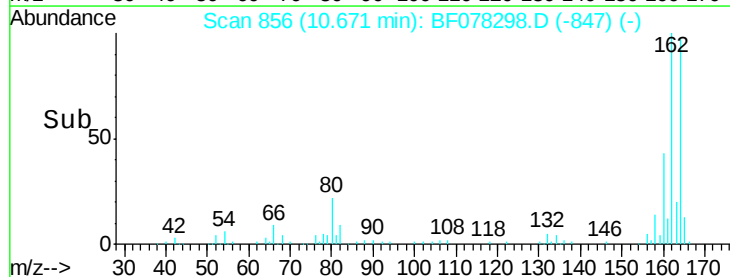
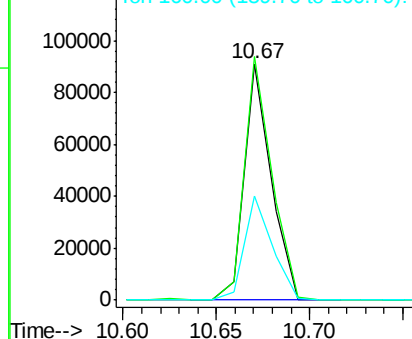
164 100

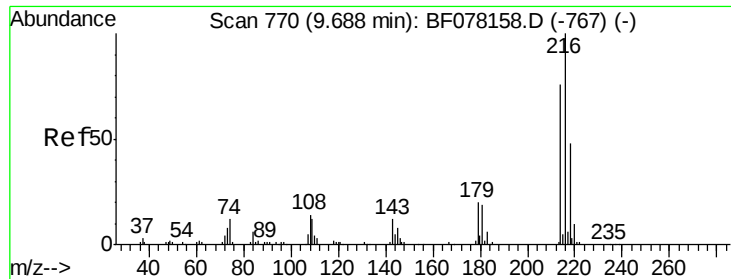
162 103.1 82.2 123.2

160 44.3 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

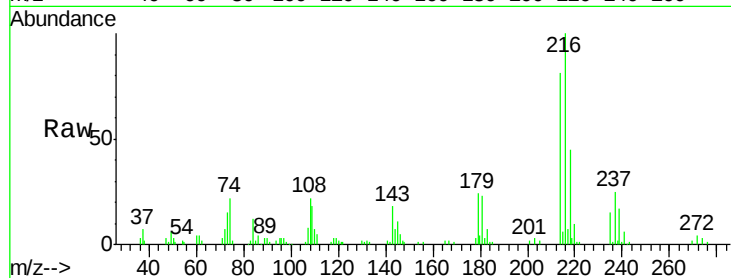




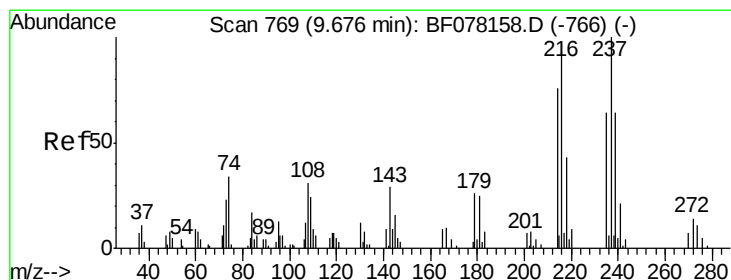
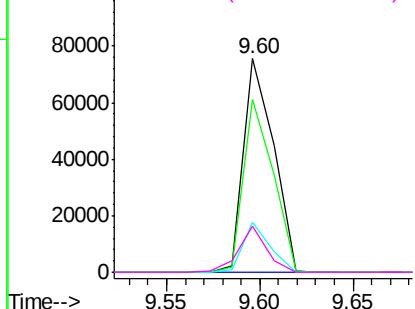
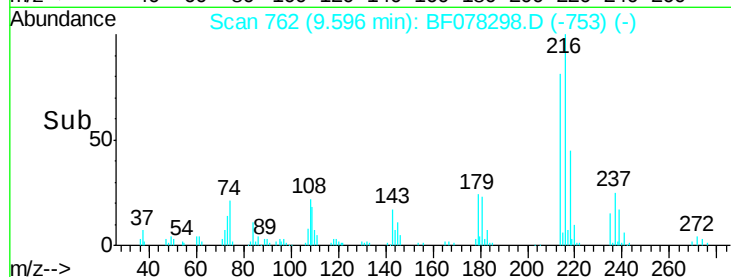
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.03 ng
 RT: 9.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

Tot Ion:216	Resp:	84712
Ion Ratio	Lower	Upper
216	100	
214	79.4	62.0 93.0
179	21.2	17.3 25.9
108	20.5	14.6 21.8

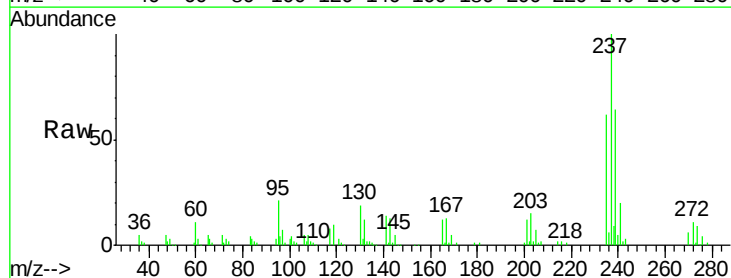


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

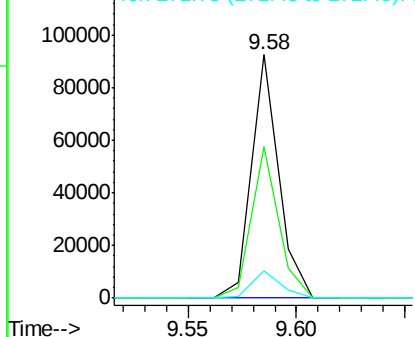
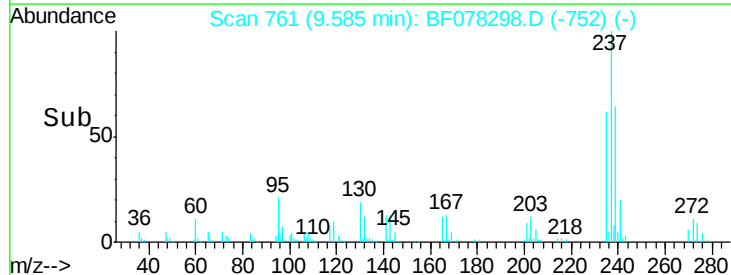


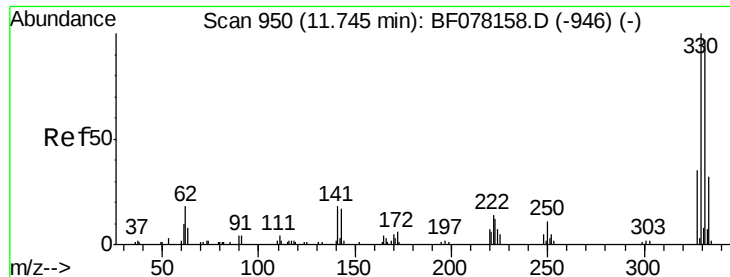
#40
 Hexachlorocyclopentadiene
 Concen: 67.57 ng
 RT: 9.58 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:237	Resp:	80659
Ion Ratio	Lower	Upper
237	100	
235	62.1	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

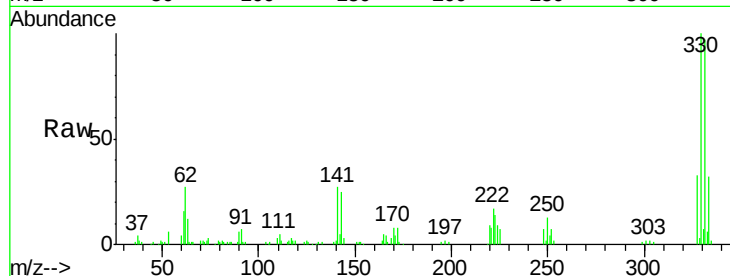




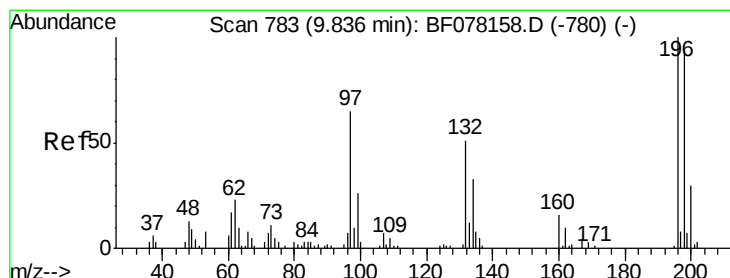
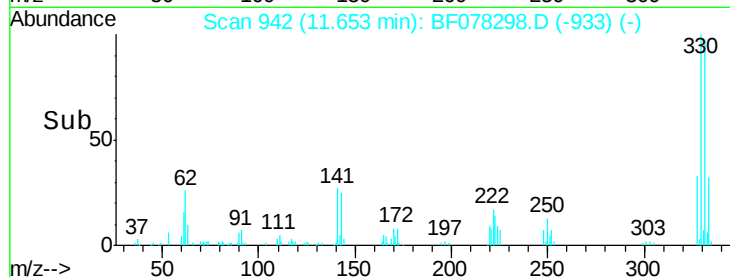
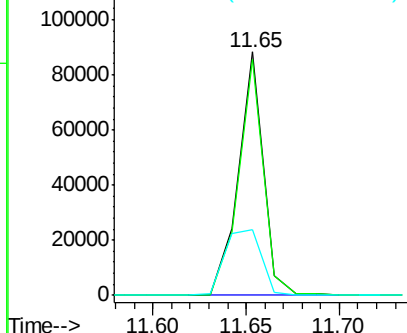
#41
 2,4,6-Tribromophenol
 Concen: 109.98 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

Tot Ion:330 Resp: 83050
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.6 117.8
 141 39.3 31.2 46.8

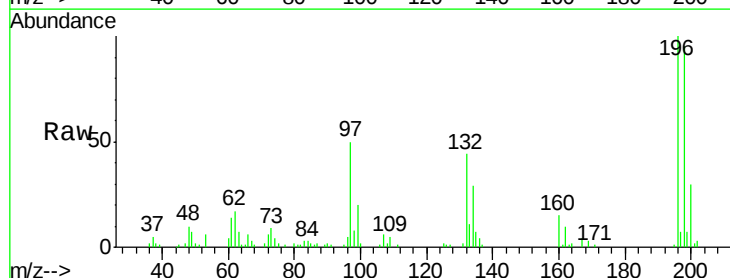


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

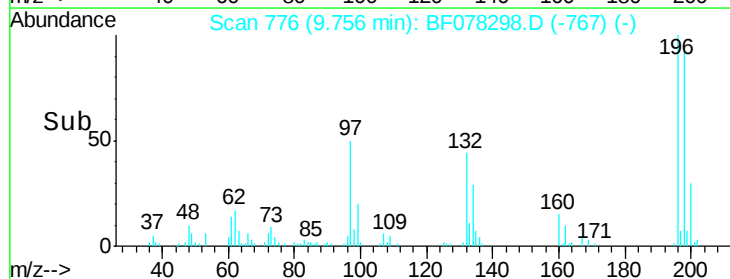
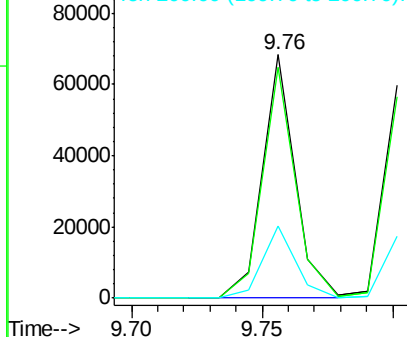


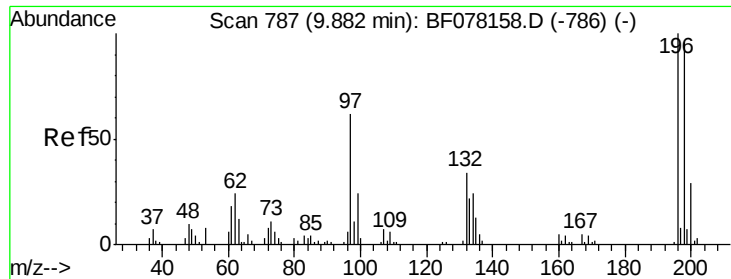
#42
 2,4,6-Trichlorophenol
 Concen: 33.64 ng
 RT: 9.76 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:196 Resp: 59846
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.4 113.2
 200 29.6 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

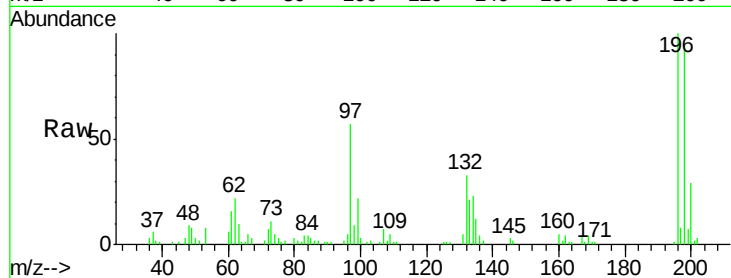




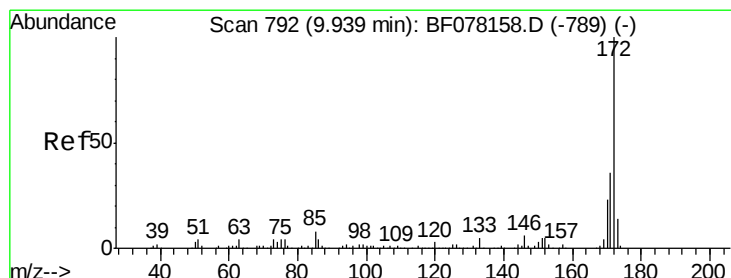
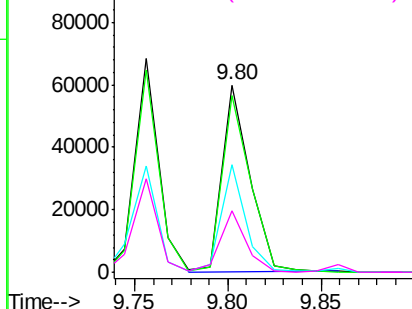
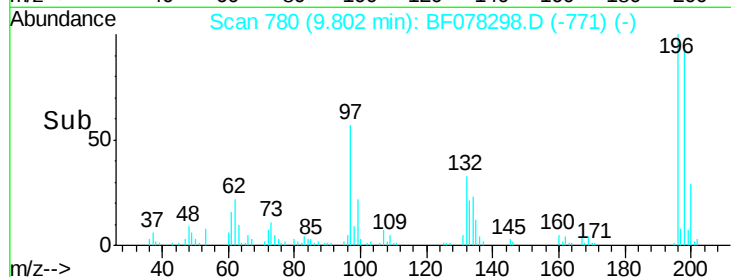
#43
2,4,5-Trichlorophenol
Concen: 33.34 ng
RT: 9.80 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Instrument :
BNA_F
ClientSampleId :
PB82554BS

Tot Ion:196 Resp: 61980
Ion Ratio Lower Upper
196 100
198 94.4 76.6 115.0
97 57.4 50.6 75.8
132 32.9 27.7 41.5

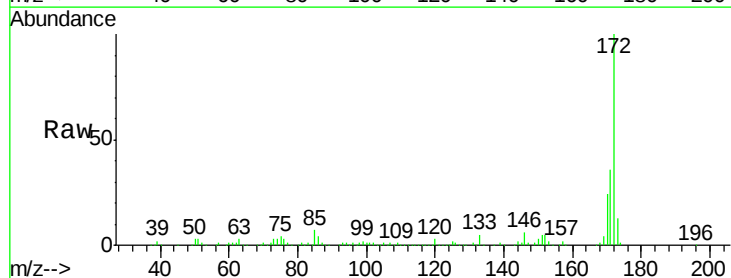


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

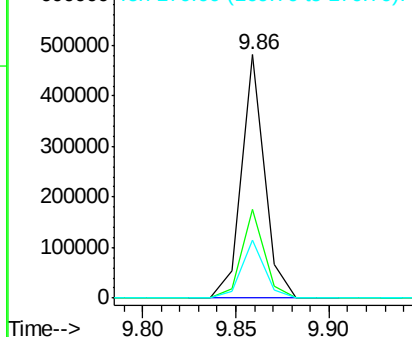
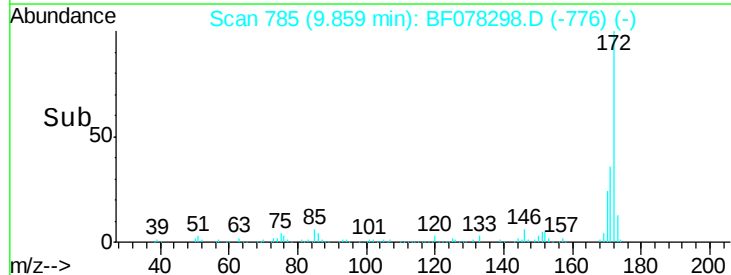


#44
2-Fluorobiphenyl
Concen: 64.88 ng
RT: 9.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion:172 Resp: 413303
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 23.8 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

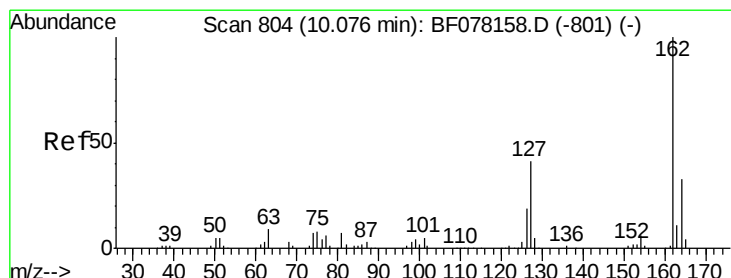
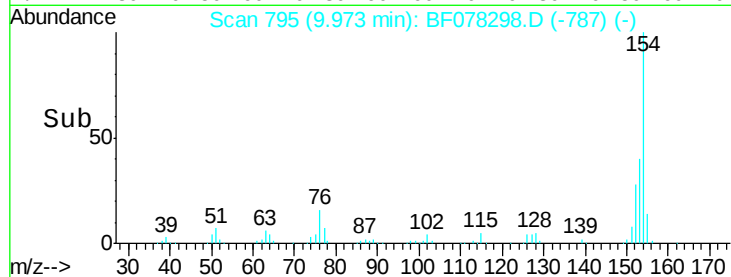
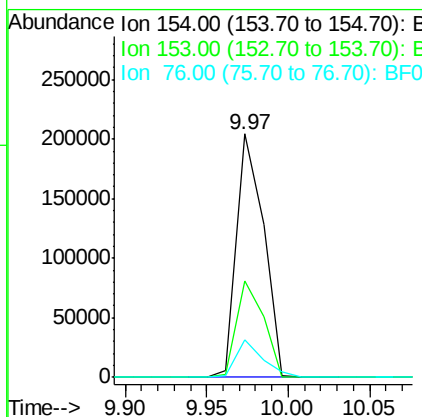
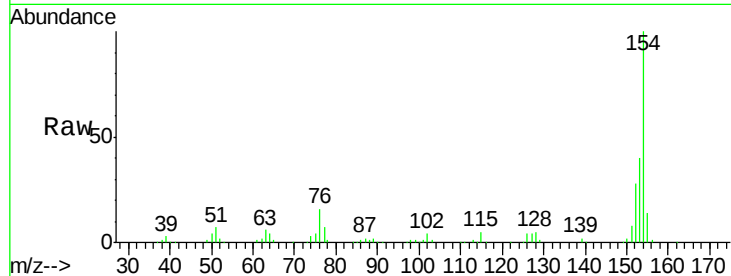




#45
 1,1'-Biphenyl
 Concen: 31.28 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

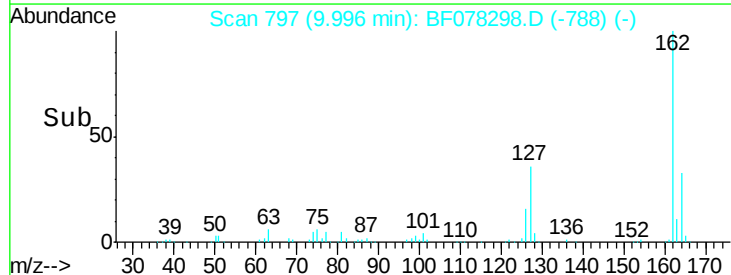
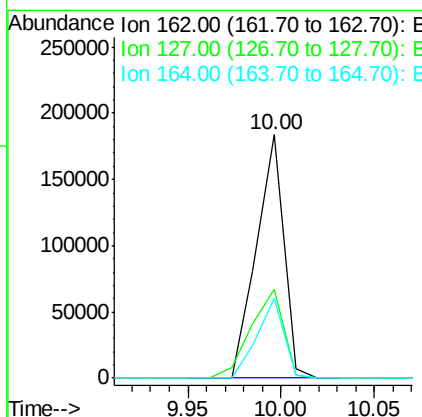
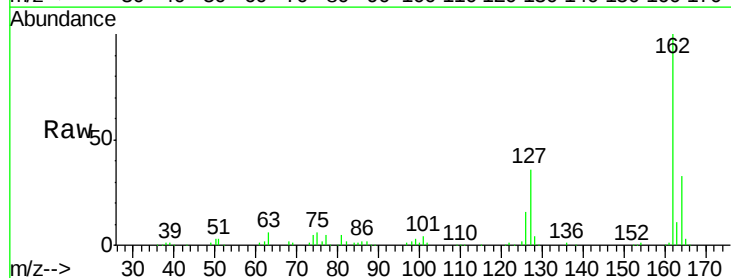
Instrument :
 BNA_F
 ClientSampled :
 PB82554BS

Tot Ion:154 Resp: 232986
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.0 60.0
 76 15.6 0.0 30.6



#46
 2-Chloronaphthalene
 Concen: 31.77 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:162 Resp: 186156
 Ion Ratio Lower Upper
 162 100
 127 36.3 32.6 49.0
 164 32.6 26.0 39.0

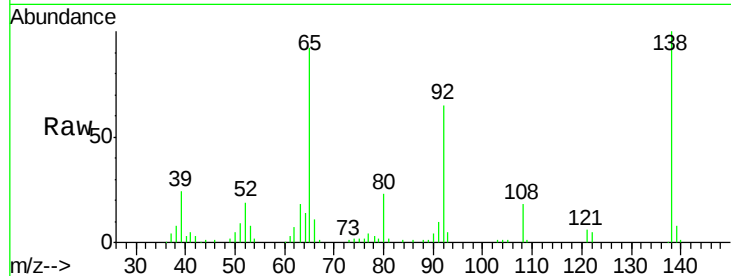




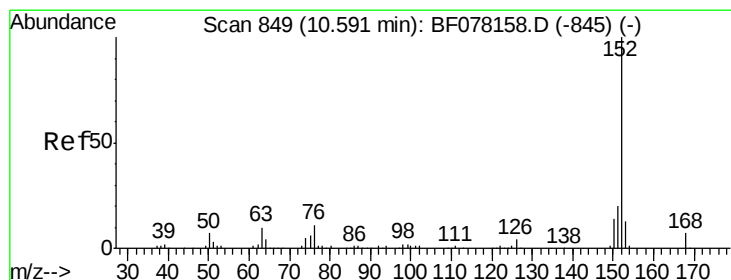
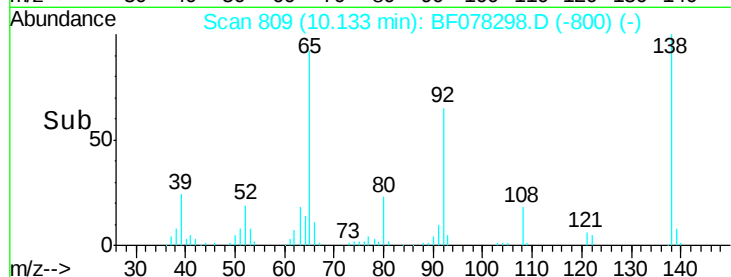
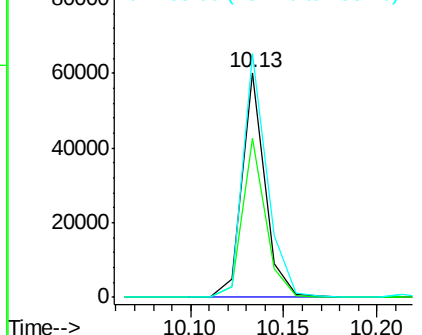
#47
2-Nitroaniline
Concen: 35.61 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Instrument :
BNA_F
ClientSampleId :
PB82554BS

Tot Ion: 65 Resp: 51635
Ion Ratio Lower Upper
65 100
92 70.6 51.3 76.9
138 108.3 70.4 105.6#

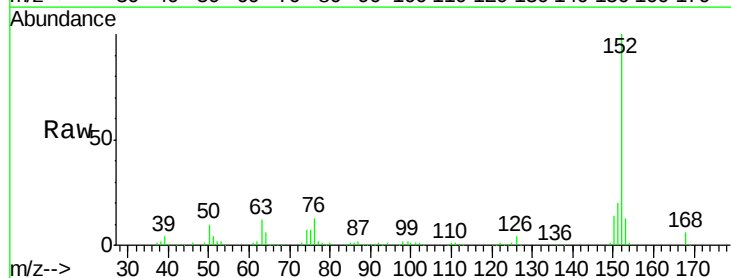


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

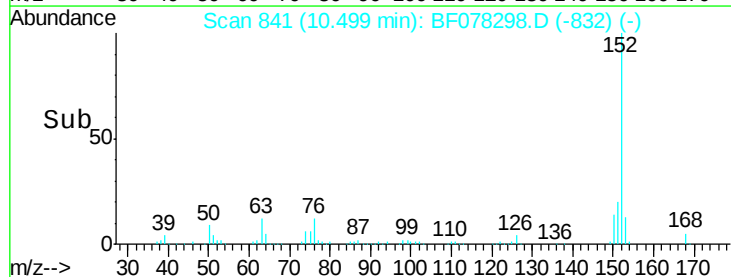
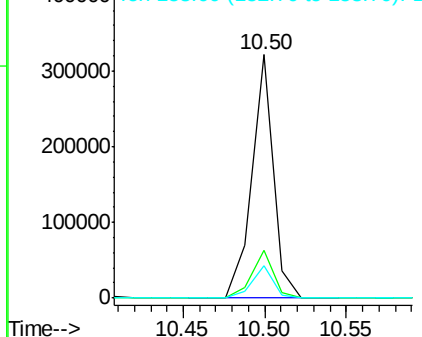


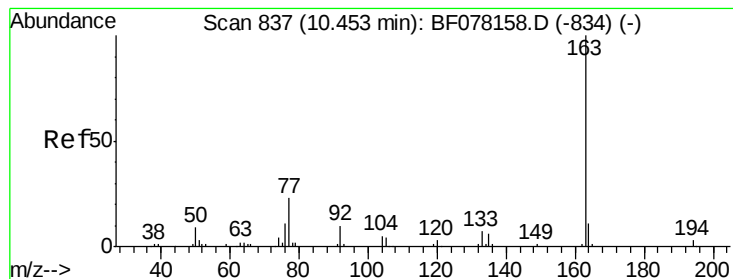
#48
Acenaphthylene
Concen: 31.10 ng
RT: 10.50 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion:152 Resp: 294310
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.1 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 31.40 ng

RT: 10.37 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

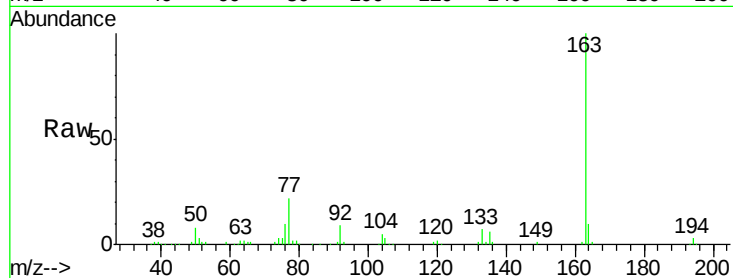
Tot Ion:163 Resp: 214764

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

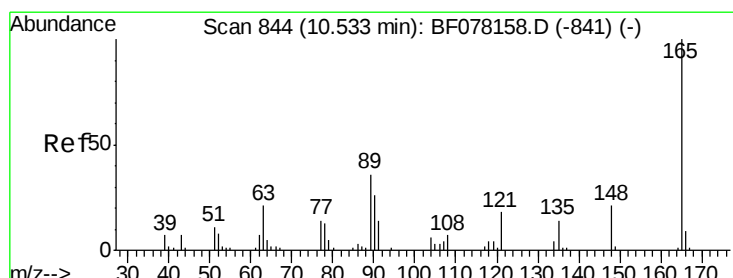
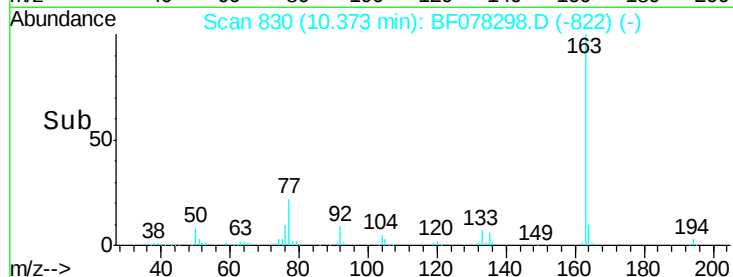
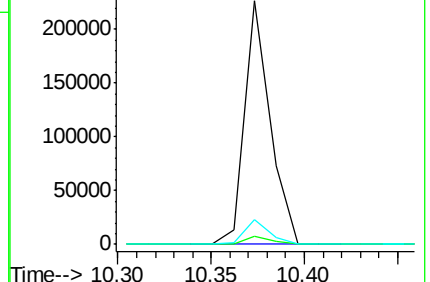
164 10.3 8.6 13.0



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: 32.24 ng

RT: 10.44 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

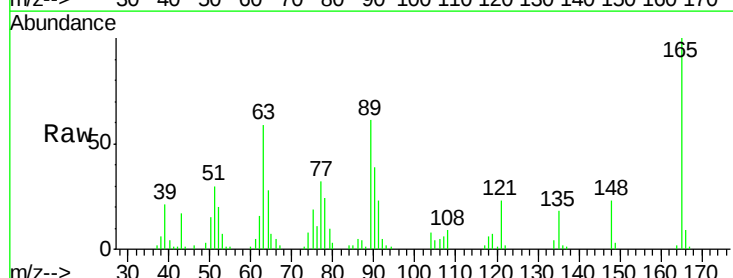
Tgt Ion:165 Resp: 45380

Ion Ratio Lower Upper

165 100

63 59.4 24.1 36.1#

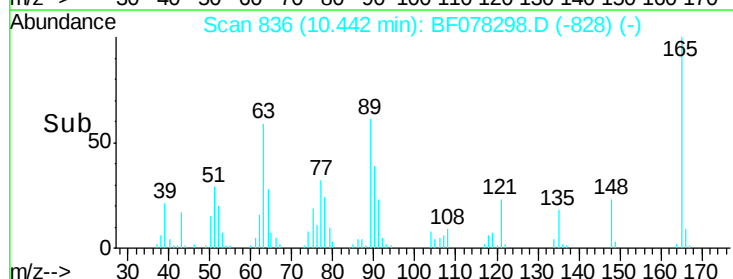
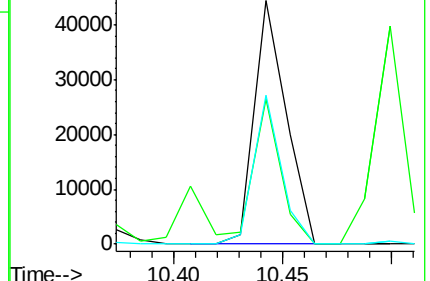
89 61.0 28.9 43.3#



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: 32.17 ng

RT: 10.72 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

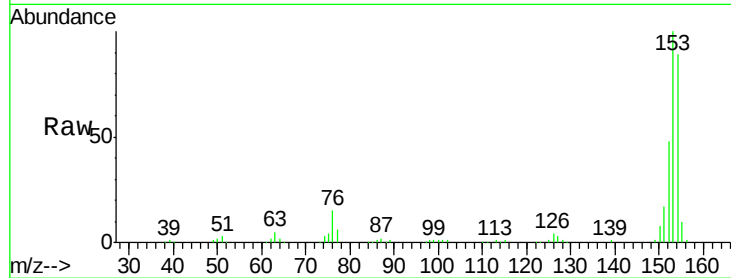
Tot Ion:154 Resp: 171364

Ion Ratio Lower Upper

154 100

153 112.5 91.4 137.2

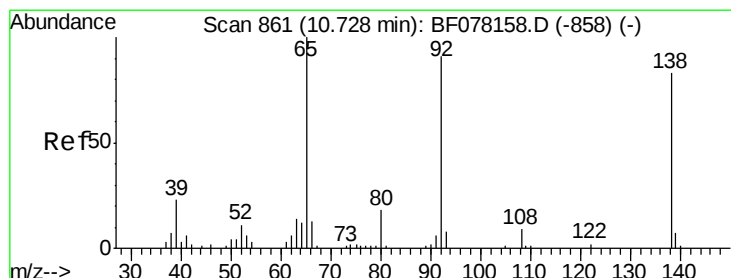
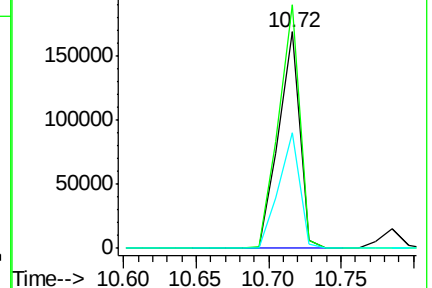
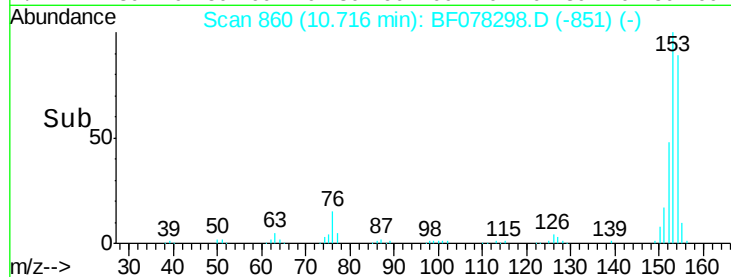
152 53.5 43.0 64.6



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: 19.95 ng

RT: 10.65 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

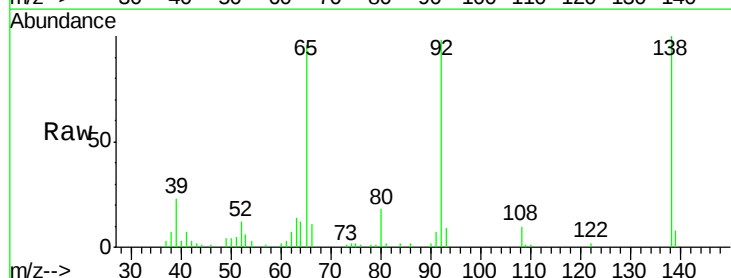
Tgt Ion:138 Resp: 31920

Ion Ratio Lower Upper

138 100

108 9.9 8.2 12.4

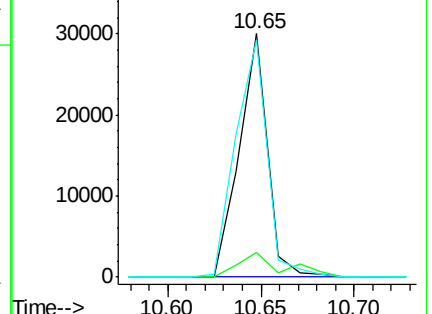
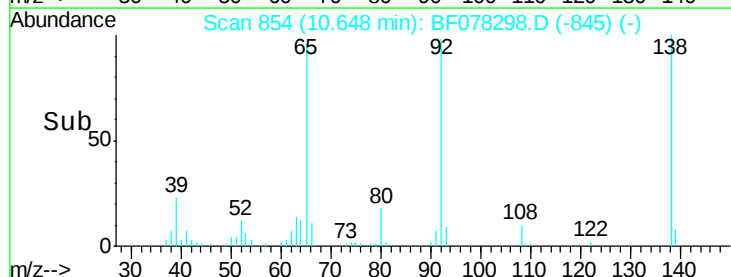
92 97.6 88.4 132.6

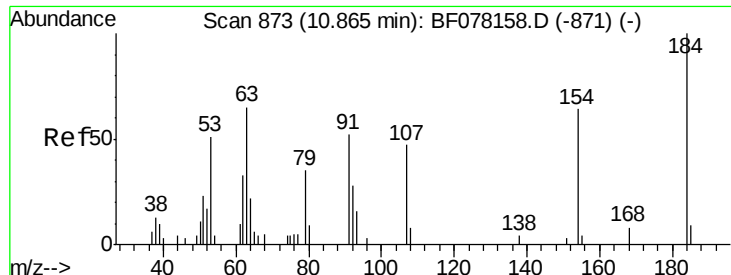


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

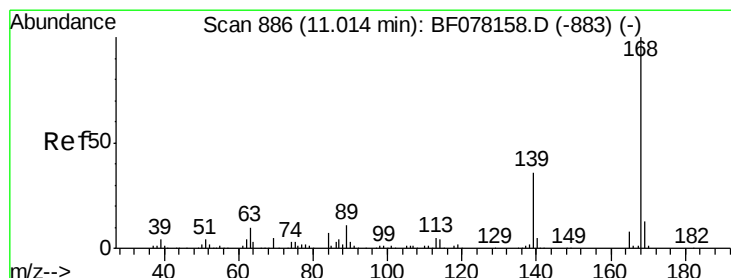
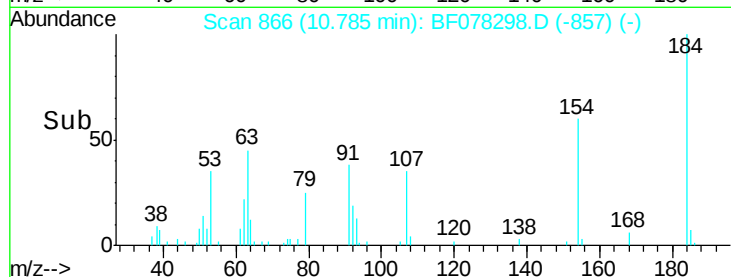
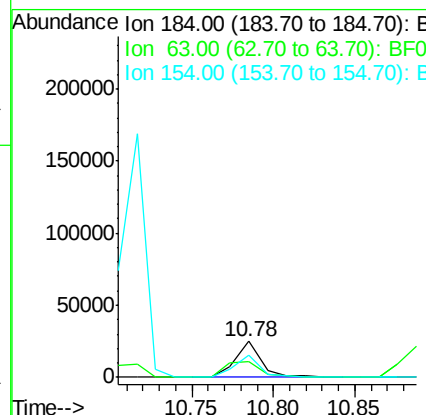
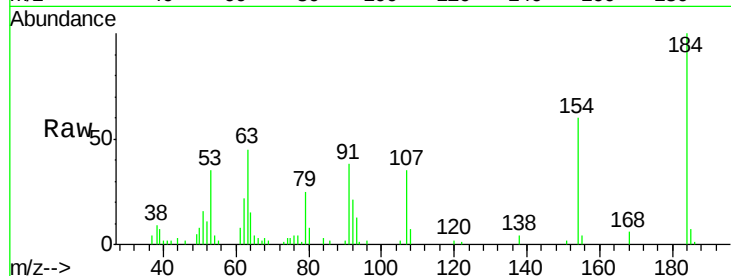




#53
 2,4-Dinitrophenol
 Concen: 58.80 ng
 RT: 10.78 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

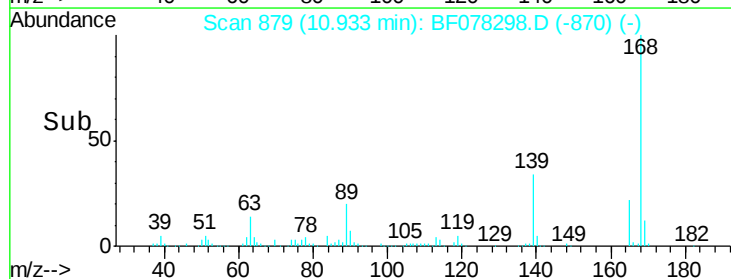
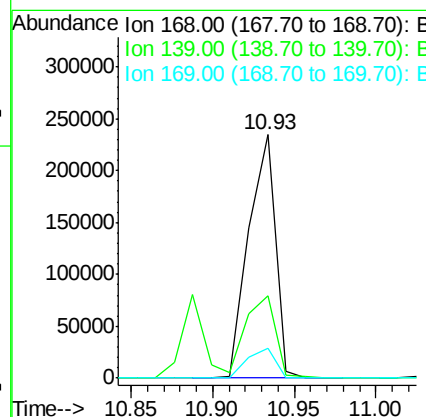
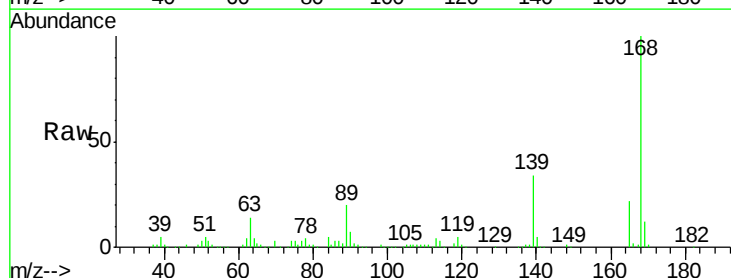
Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

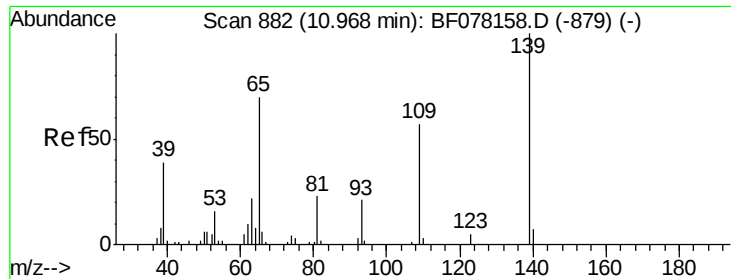
Tot Ion:184 Resp: 27736
 Ion Ratio Lower Upper
 184 100
 63 45.4 51.9 77.9#
 154 60.5 51.0 76.4



#54
 Dibenzofuran
 Concen: 32.82 ng
 RT: 10.93 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:168 Resp: 267043
 Ion Ratio Lower Upper
 168 100
 139 33.6 31.0 46.4
 169 12.5 10.7 16.1

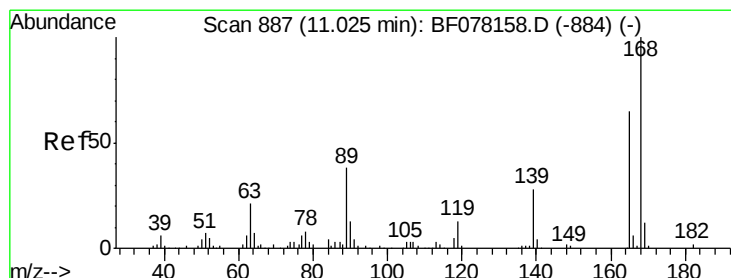
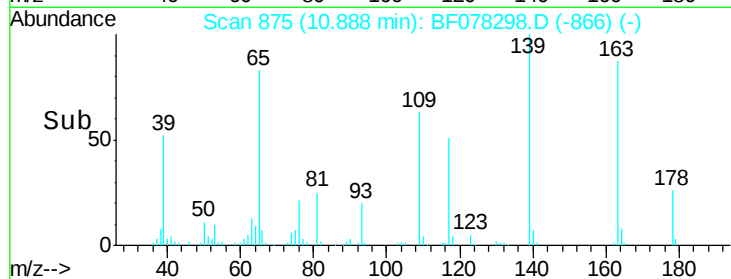
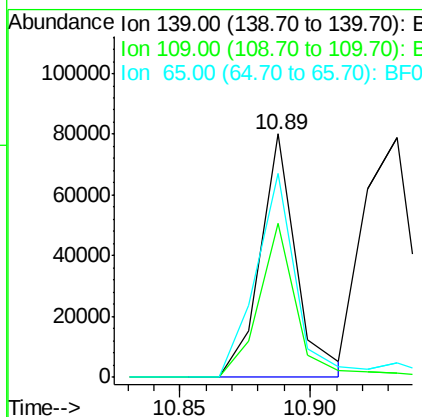
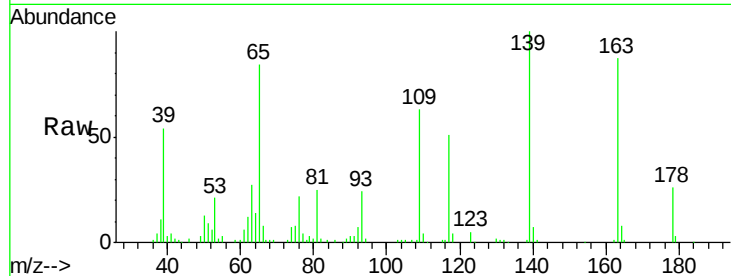




#55
4-Nitrophenol
Concen: 66.33 ng
RT: 10.89 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

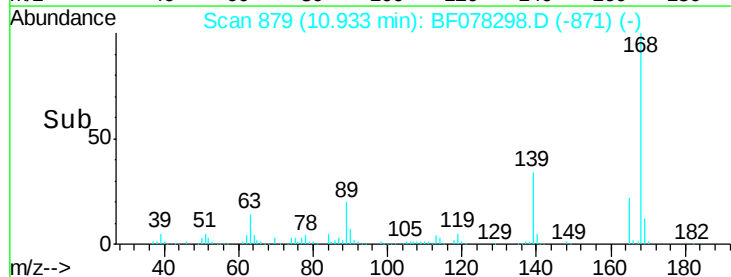
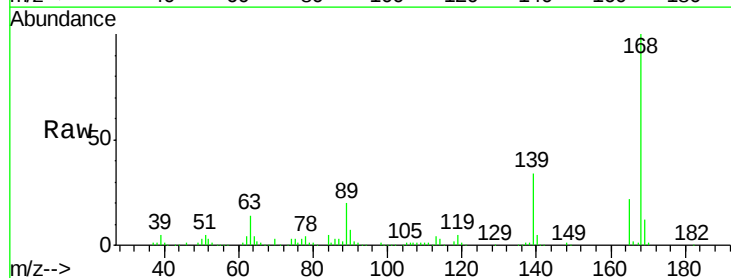
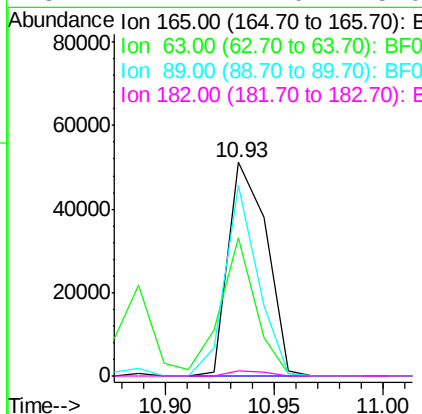
Instrument :
BNA_F
ClientSampled :
PB82554BS

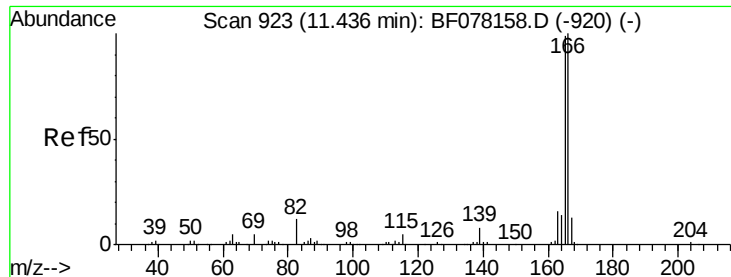
Tot Ion:139 Resp: 77583
Ion Ratio Lower Upper
139 100
109 63.2 36.7 76.7
65 83.8 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 34.33 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion:165 Resp: 62584
Ion Ratio Lower Upper
165 100
63 64.6 26.5 39.7#
89 89.5 46.4 69.6#
182 2.1 2.0 3.0

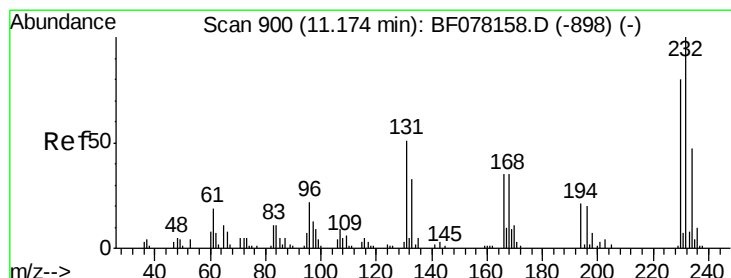
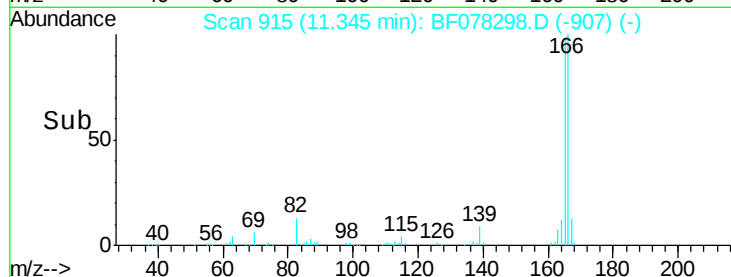
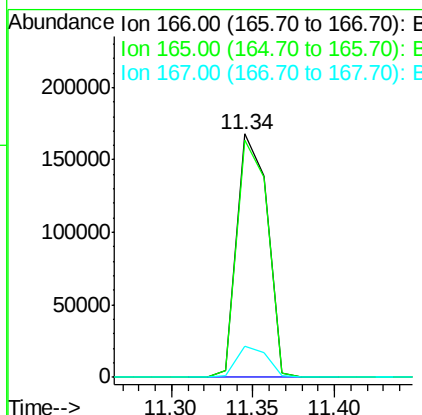
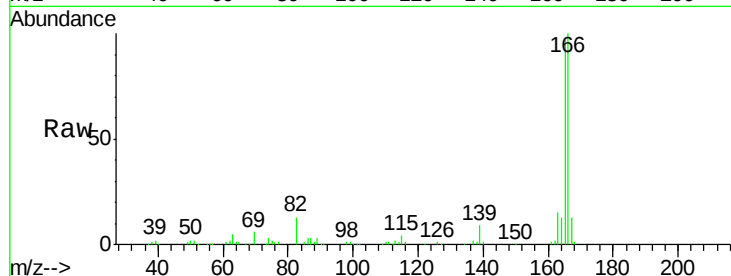




#57
 Fluorene
 Concen: 32.76 ng
 RT: 11.34 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

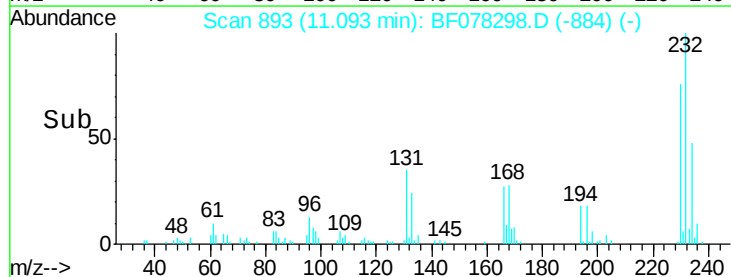
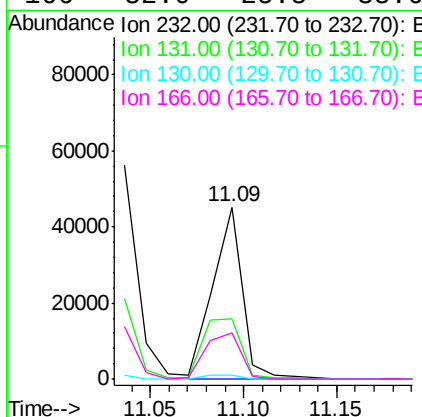
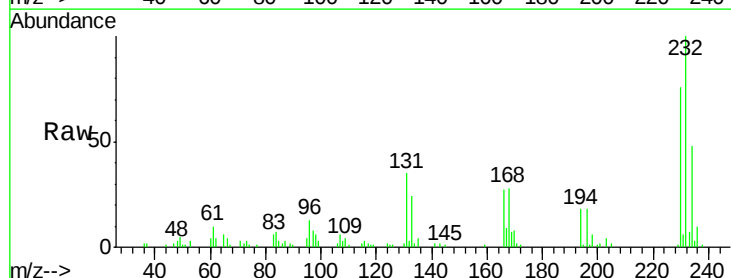
Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

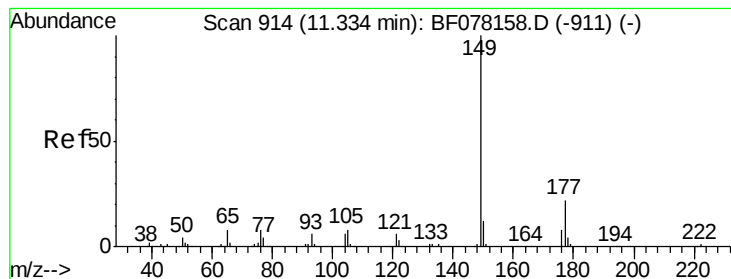
Tot Ion:166 Resp: 216088
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.9 118.3
 167 13.0 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.16 ng
 RT: 11.09 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:232 Resp: 49835
 Ion Ratio Lower Upper
 232 100
 131 46.2 37.8 56.8
 130 2.4 1.5 2.3#
 166 32.0 25.8 38.6





#59

Diethylphthalate

Concen: 31.73 ng

RT: 11.25 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

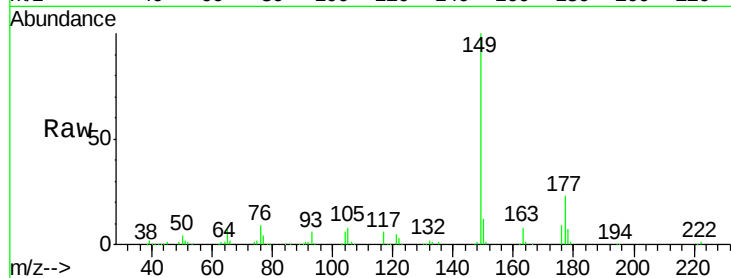
Tot Ion:149 Resp: 209307

Ion Ratio Lower Upper

149 100

177 23.2 17.4 26.2

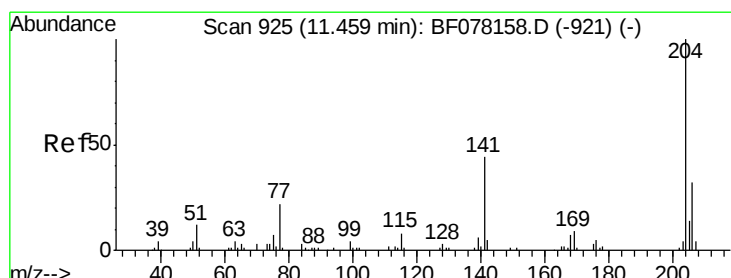
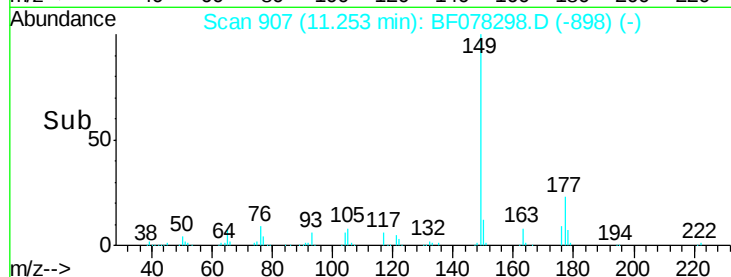
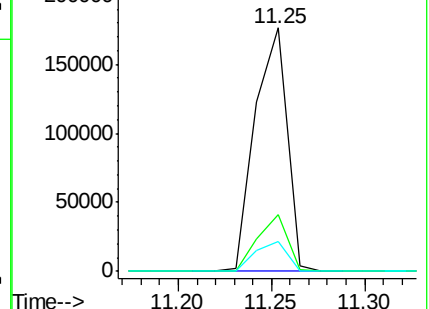
150 12.1 9.4 14.2



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: 33.28 ng

RT: 11.37 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

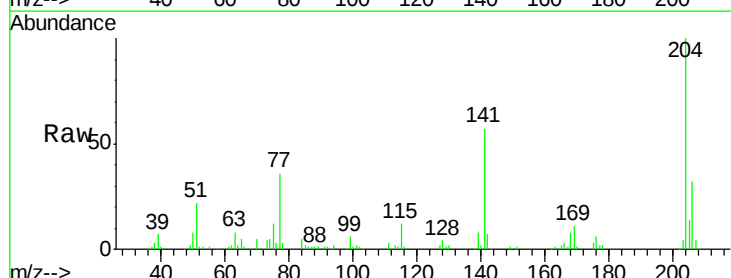
Tgt Ion:204 Resp: 100977

Ion Ratio Lower Upper

204 100

206 32.2 25.6 38.4

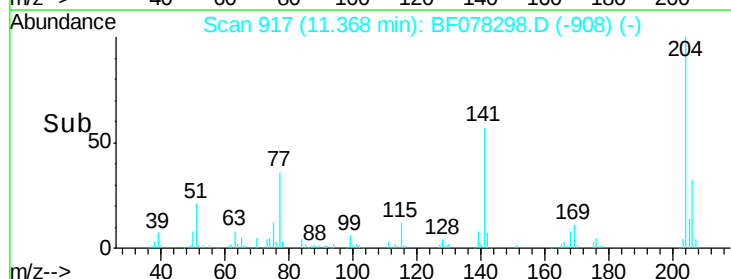
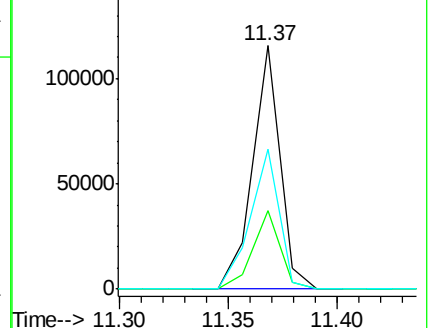
141 57.5 35.4 53.0#



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

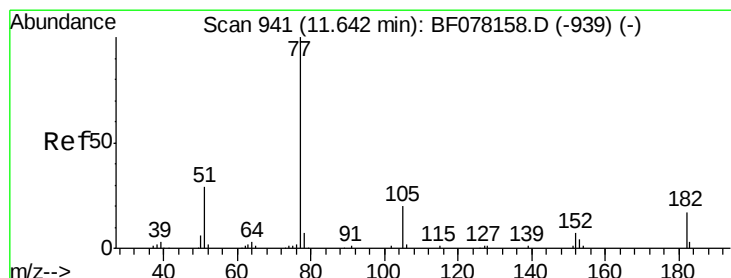
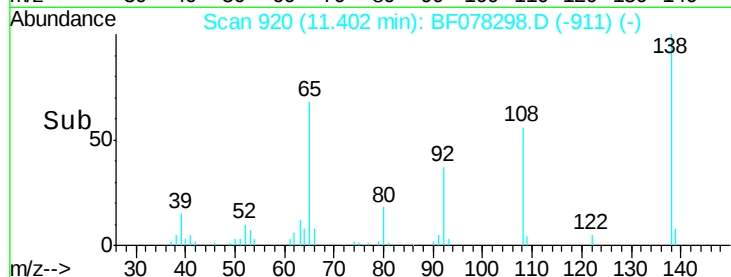
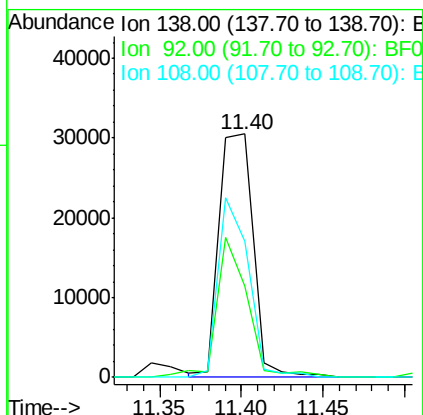
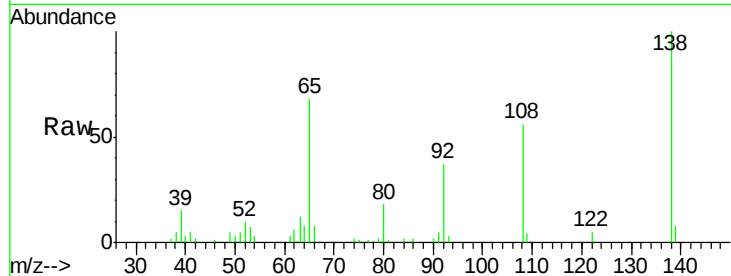




#61
4-Nitroaniline
Concen: 27.39 ng
RT: 11.40 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

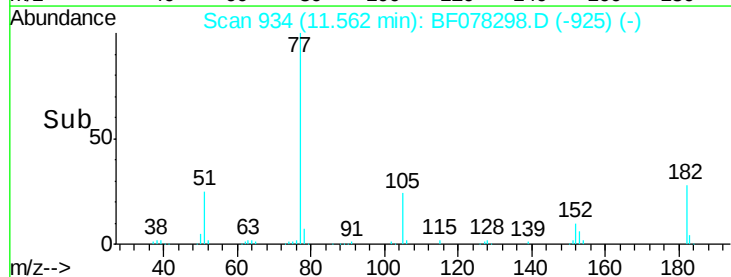
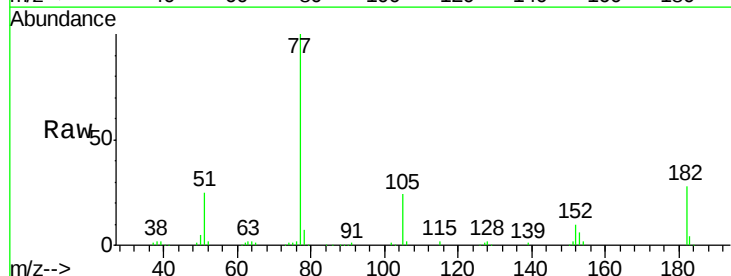
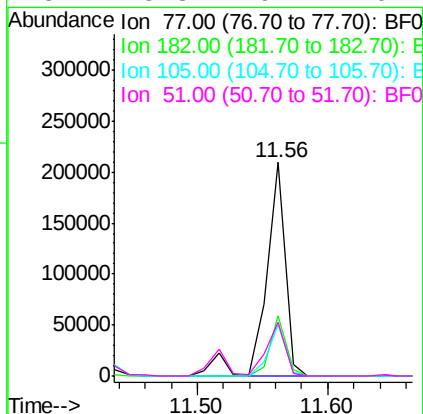
Instrument :
BNA_F
ClientSampleId :
PB82554BS

Tot Ion:138 Resp: 44315
Ion Ratio Lower Upper
138 100
92 37.3 27.3 67.3
108 55.8 47.2 87.2



#62
Azobenzene
Concen: 36.70 ng
RT: 11.56 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion: 77 Resp: 220928
Ion Ratio Lower Upper
77 100
182 28.3 0.0 36.8
105 23.7 0.3 40.3
51 25.3 9.1 49.1

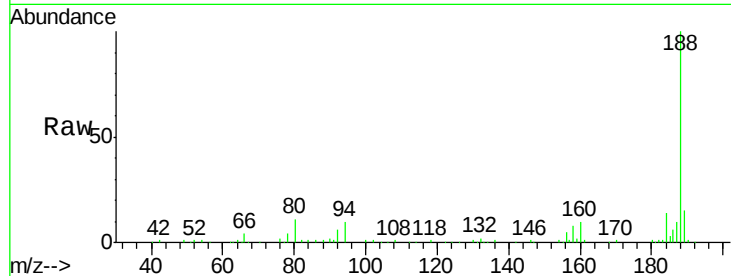




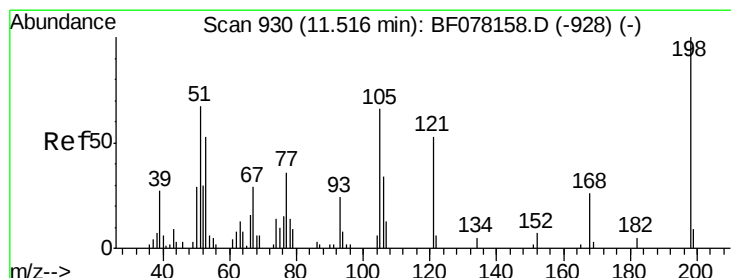
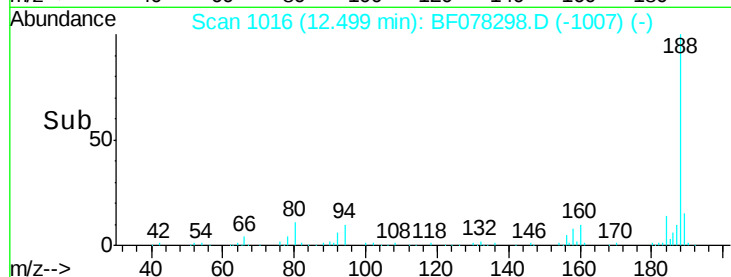
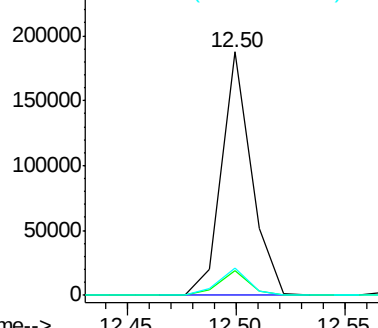
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

Tot Ion:188 Resp: 179120
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.0 13.4
 80 11.1 9.5 14.3

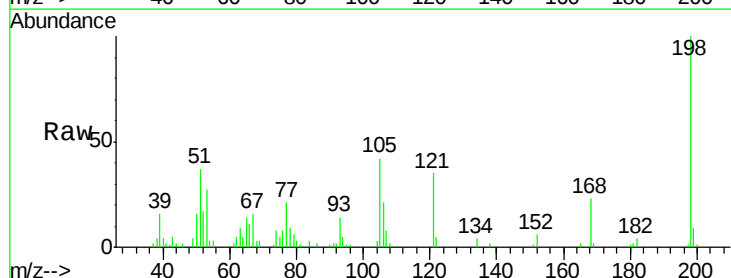


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

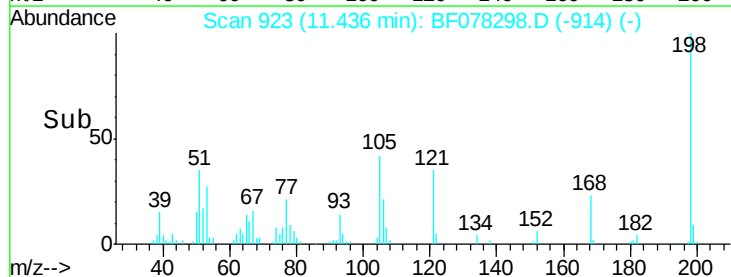
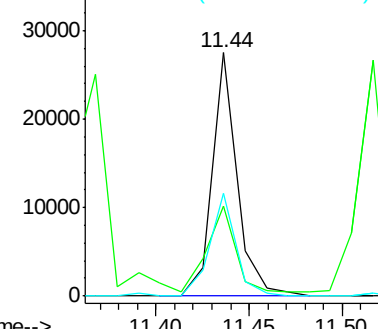


#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.11 ng
 RT: 11.44 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:198 Resp: 25487
 Ion Ratio Lower Upper
 198 100
 51 36.8 48.6 88.6#
 105 42.3 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

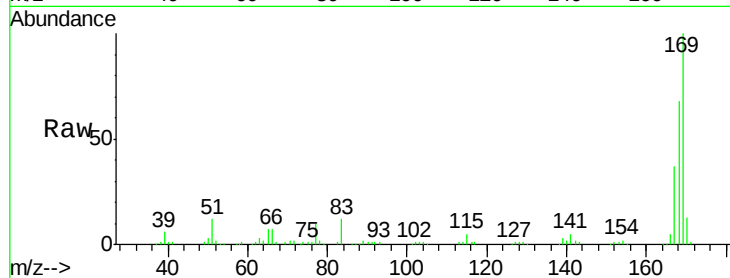




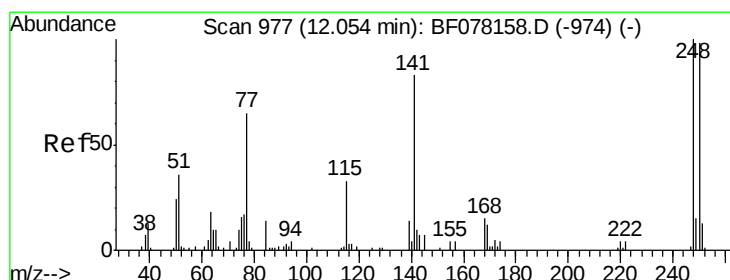
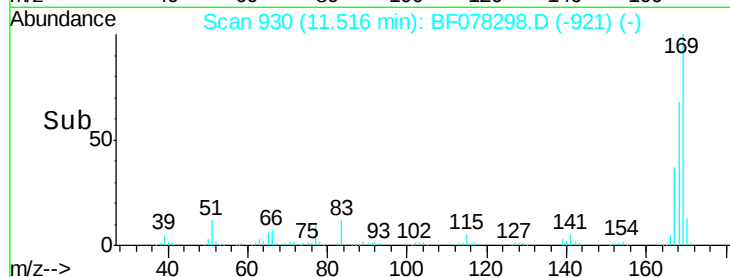
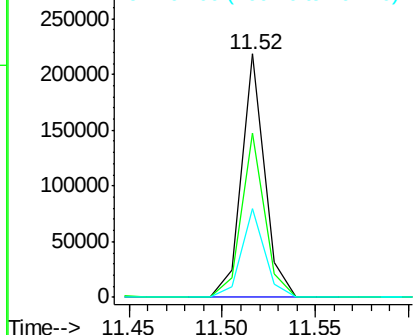
#65
 n-Nitrosodiphenylamine
 Concen: 30.47 ng
 RT: 11.52 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

Tot Ion:169 Resp: 188785
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.0 82.4
 167 36.6 29.3 43.9

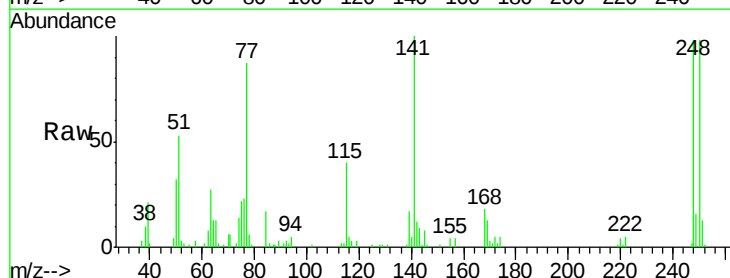


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

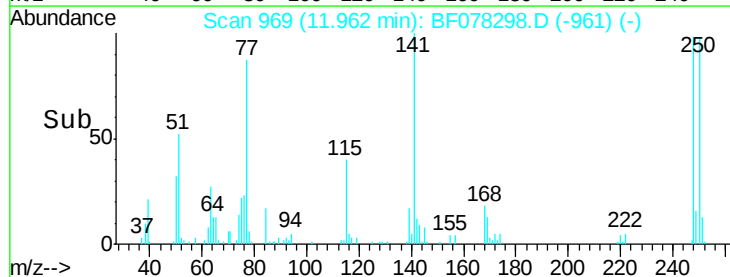
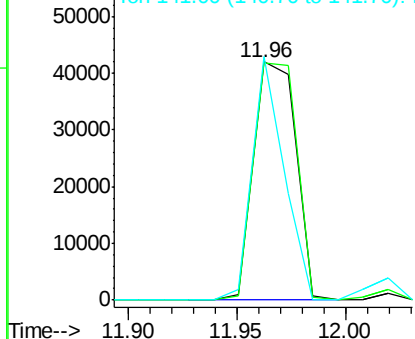


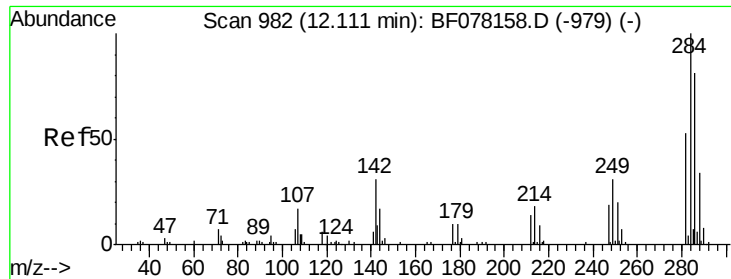
#66
 4-Bromophenyl-phenylether
 Concen: 30.24 ng
 RT: 11.96 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:248 Resp: 57358
 Ion Ratio Lower Upper
 248 100
 250 99.8 78.2 117.2
 141 102.3 66.4 99.6#



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

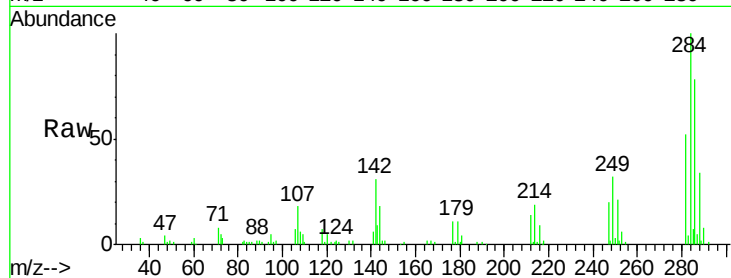




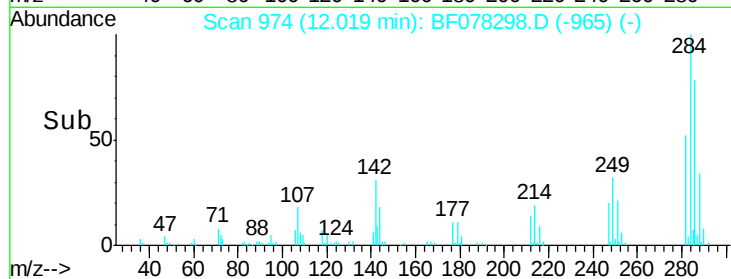
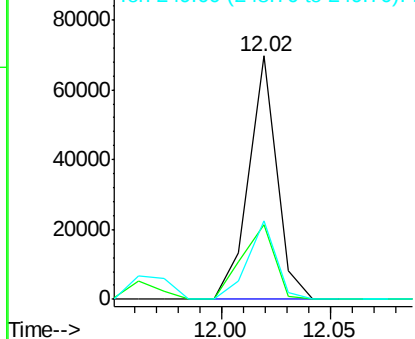
#67
Hexachlorobenzene
Concen: 30.14 ng
RT: 12.02 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Instrument :
BNA_F
ClientSampleId :
PB82554BS

Tot Ion:284 Resp: 62654
Ion Ratio Lower Upper
284 100
142 30.5 24.5 36.7
249 32.3 24.8 37.2

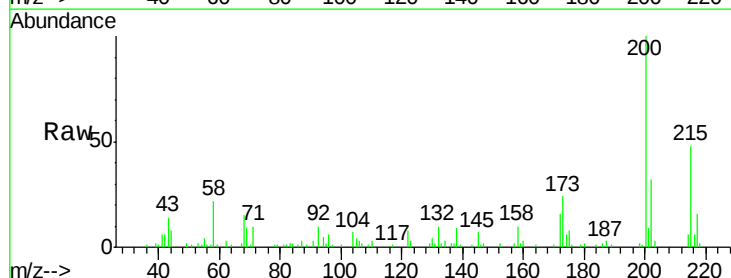


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

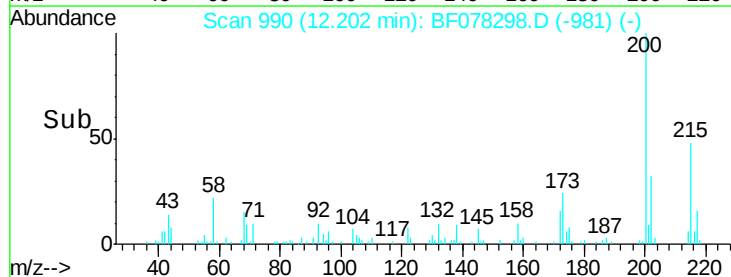
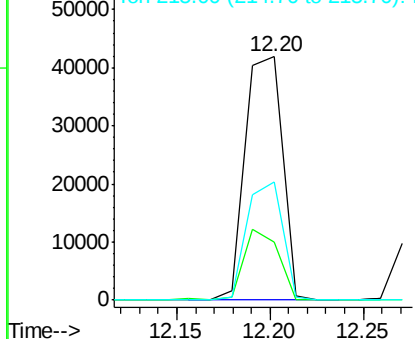


#68
Atrazine
Concen: 32.37 ng
RT: 12.20 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion:200 Resp: 58088
Ion Ratio Lower Upper
200 100
173 23.9 6.9 46.9
215 48.3 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: 69.77 ng

RT: 12.28 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

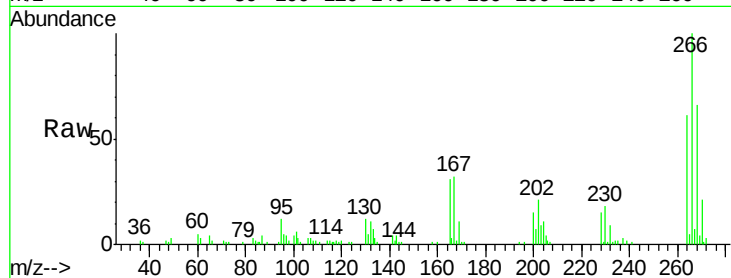
Tot Ion:266 Resp: 63297

Ion Ratio Lower Upper

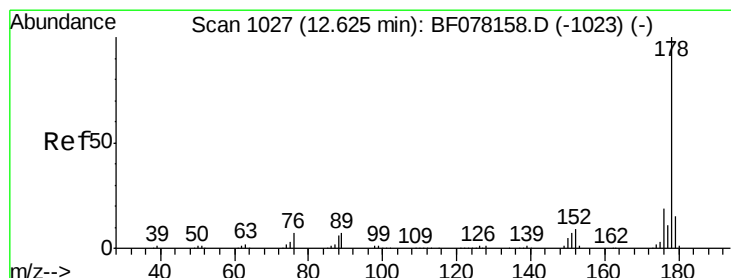
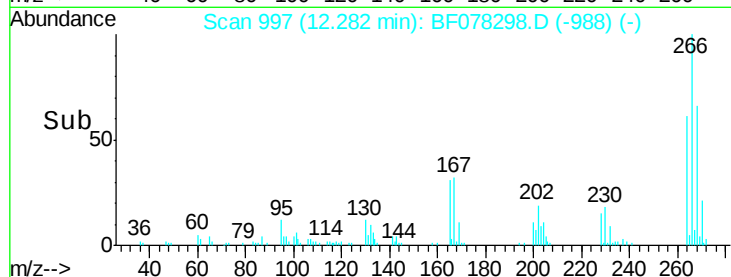
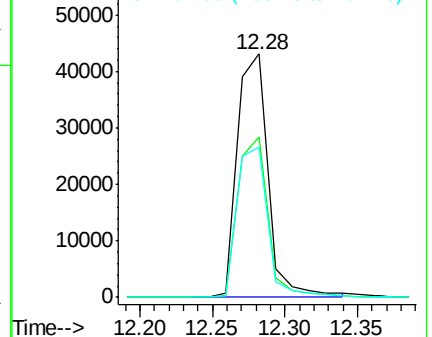
266 100

268 65.6 50.1 75.1

264 61.5 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: 31.39 ng

RT: 12.53 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

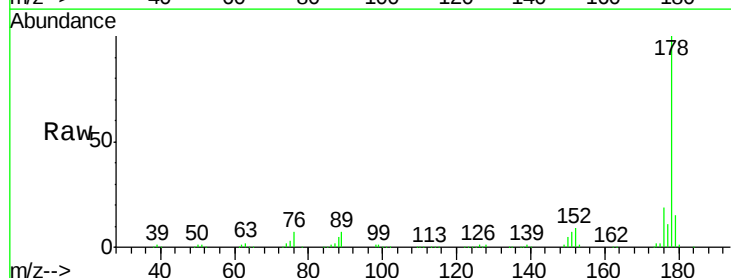
Tgt Ion:178 Resp: 325217

Ion Ratio Lower Upper

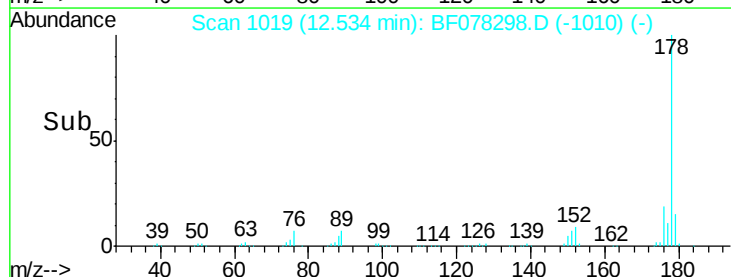
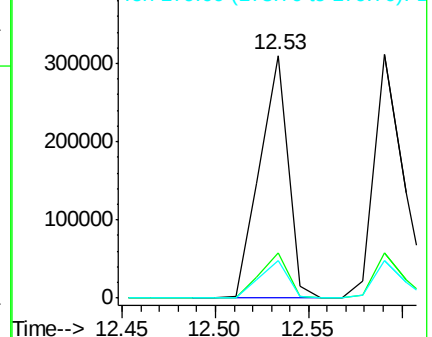
178 100

176 18.8 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

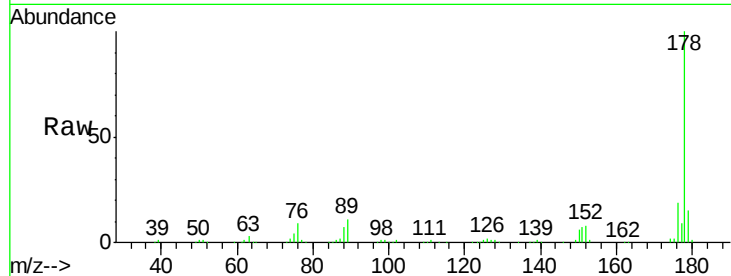




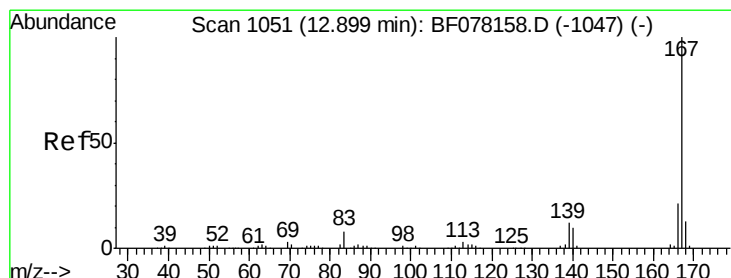
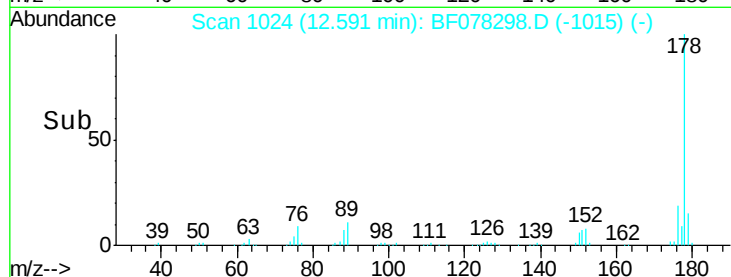
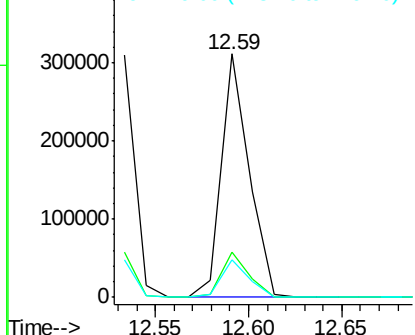
#71
 Anthracene
 Concen: 31.77 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

Tot Ion:178 Resp: 324354
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.3 12.4 18.6

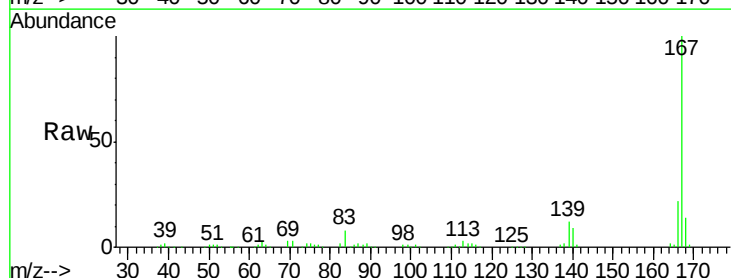


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

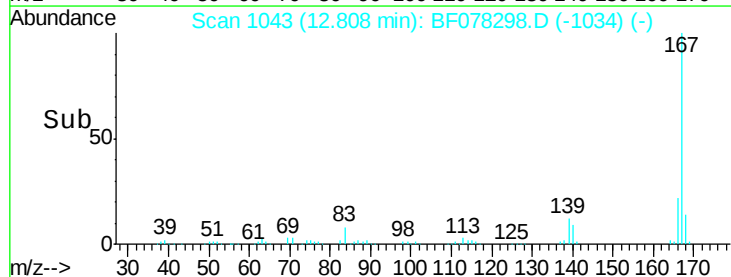
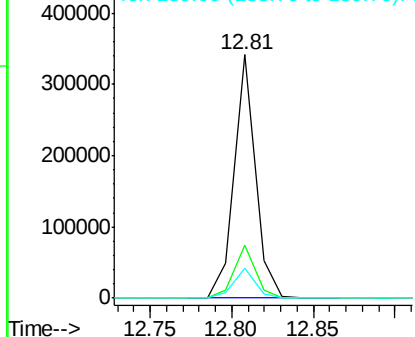


#72
 Carbazole
 Concen: 32.08 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:167 Resp: 306951
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.8 25.2
 139 12.4 10.0 15.0



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

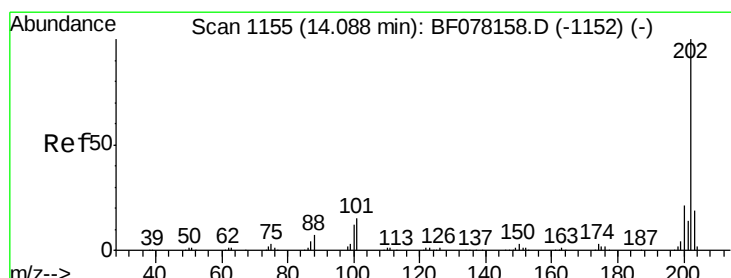
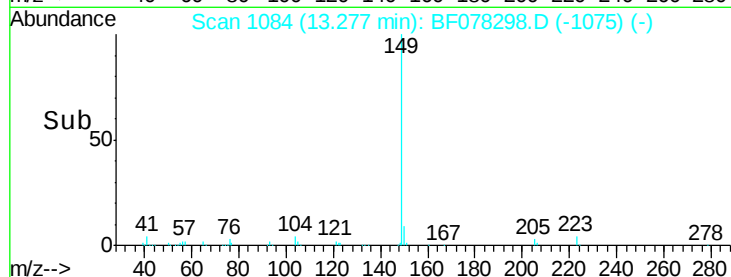
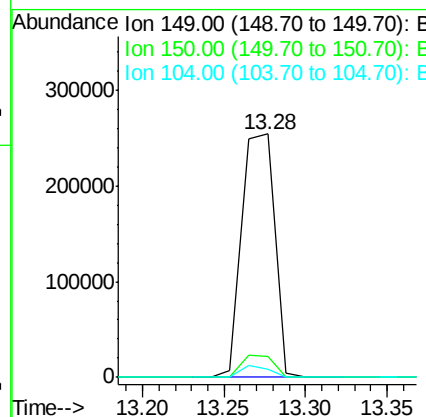
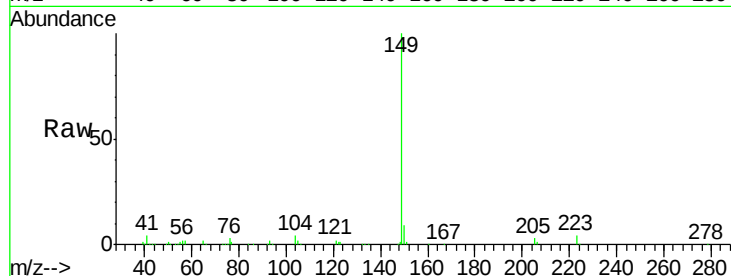




#73
Di-n-butylphthalate
Concen: 32.56 ng
RT: 13.28 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

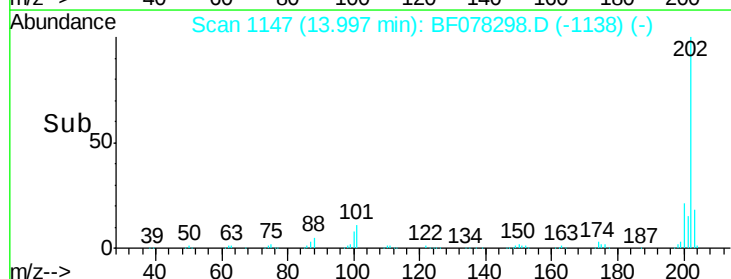
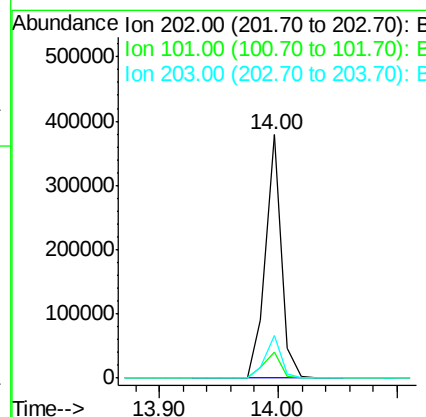
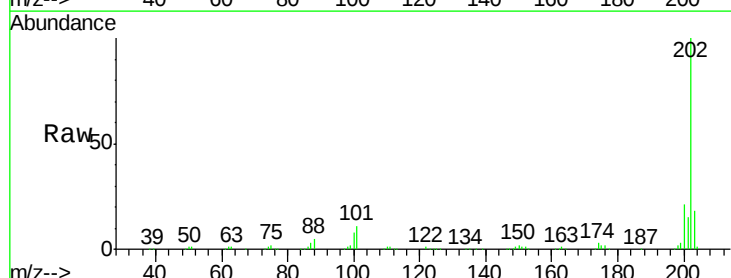
Instrument :
BNA_F
ClientSampleId :
PB82554BS

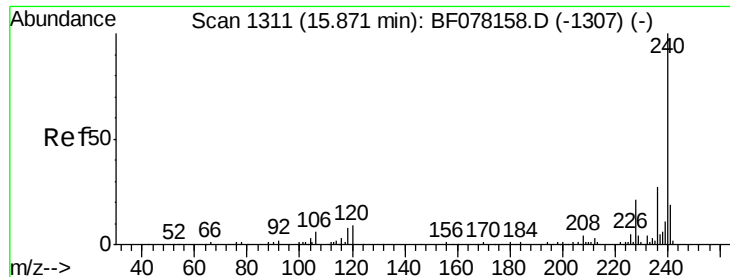
Tot Ion:149 Resp: 352954
Ion Ratio Lower Upper
149 100
150 8.8 7.1 10.7
104 3.5 3.8 5.6#



#74
Fluoranthene
Concen: 32.57 ng
RT: 14.00 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion:202 Resp: 355929
Ion Ratio Lower Upper
202 100
101 10.9 0.0 35.2
203 17.8 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.77 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleID :

PB82554BS

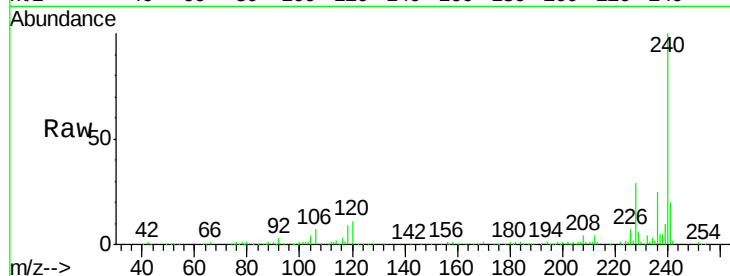
Tot Ion:240 Resp: 188067

Ion Ratio Lower Upper

240 100

120 10.7 7.1 10.7#

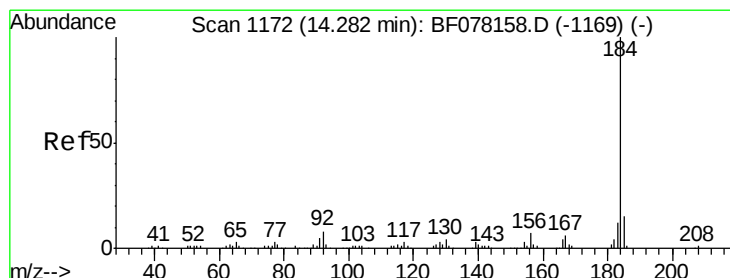
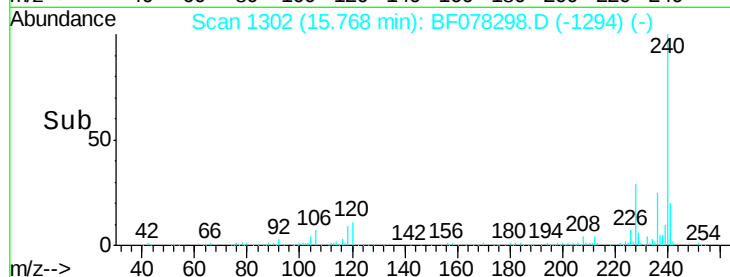
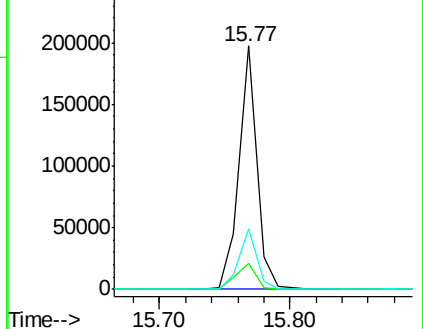
236 25.1 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.85 ng

RT: 14.19 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

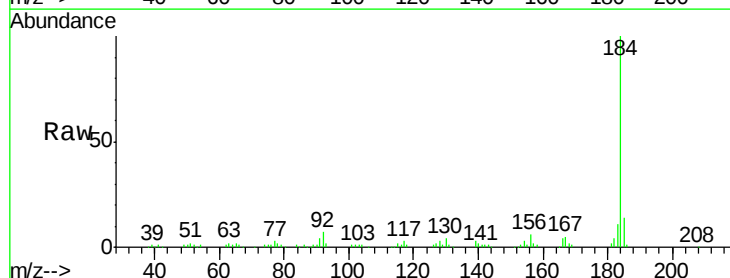
Tgt Ion:184 Resp: 122028

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

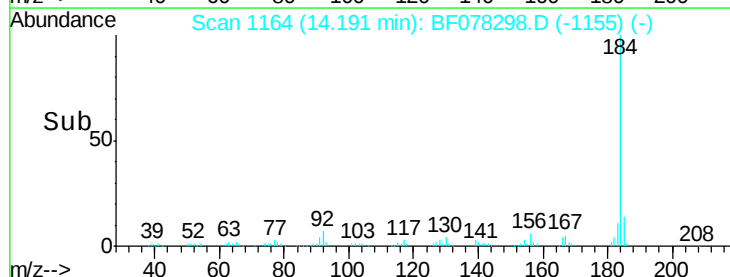
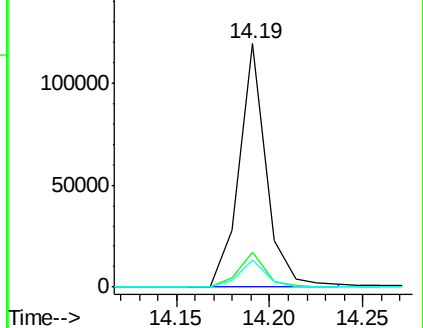
183 11.0 9.5 14.3

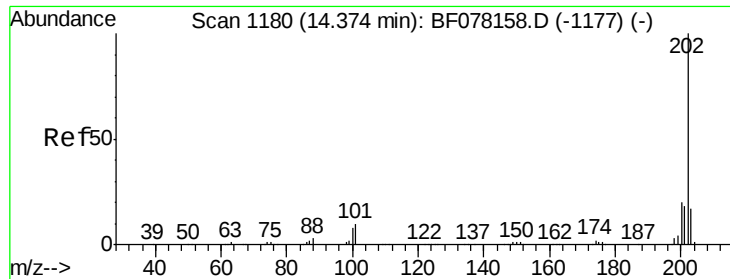


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

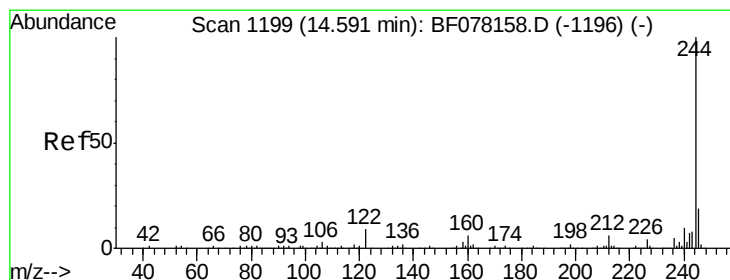
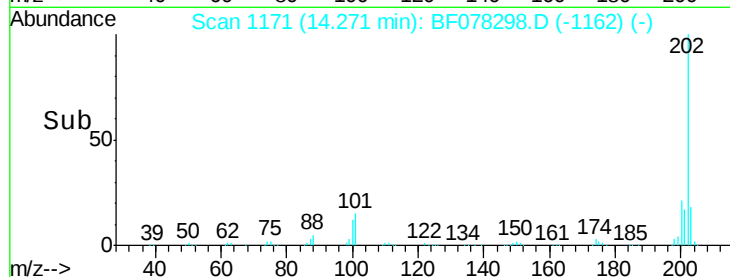
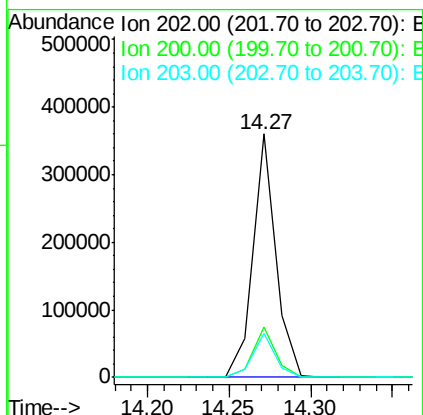
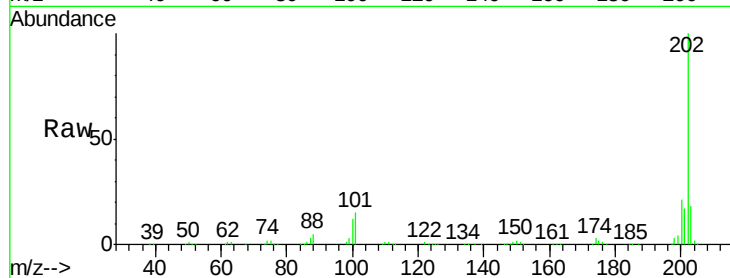




#77
Pvrene
Concen: 29.82 ng
RT: 14.27 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

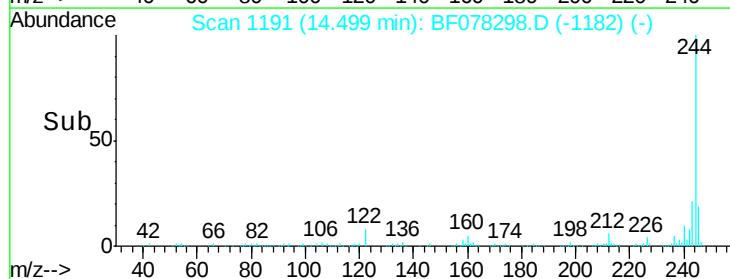
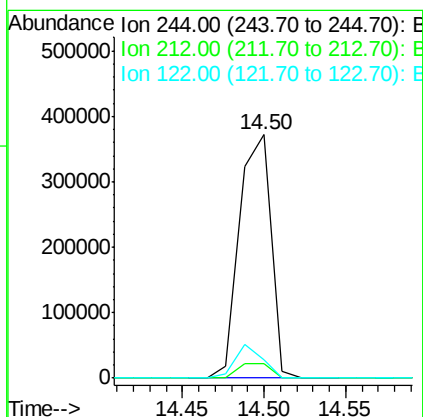
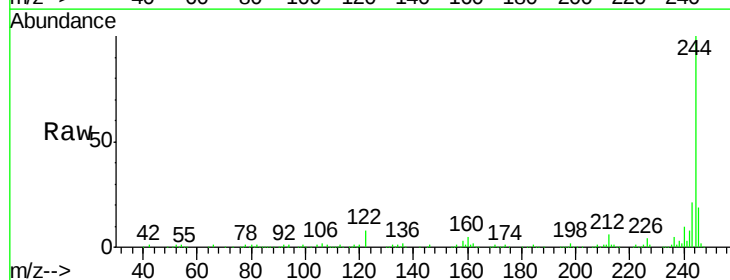
Instrument :
BNA_F
ClientSampleId :
PB82554BS

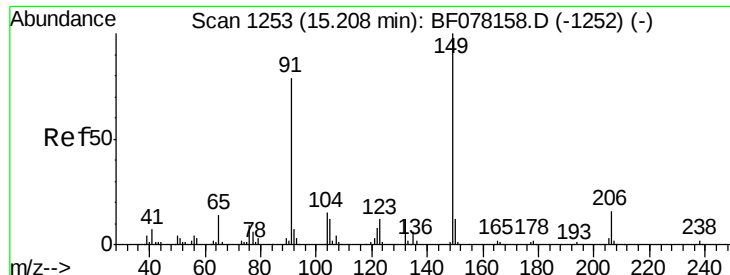
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	18.1	13.8	20.6



#78
Terphenyl-d14
Concen: 59.72 ng
RT: 14.50 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.0	7.4
122	7.5	7.1	10.7

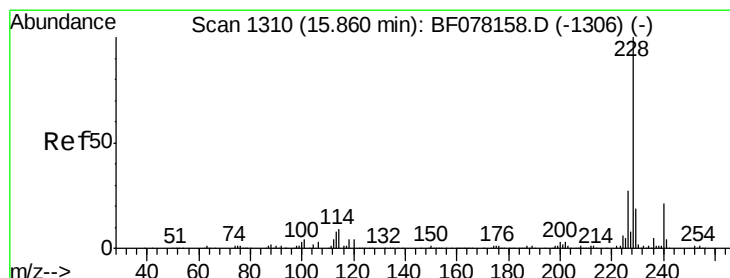
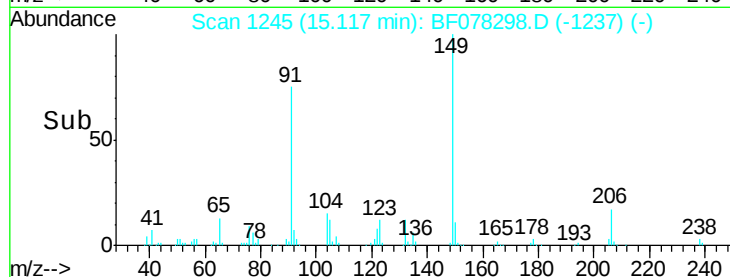
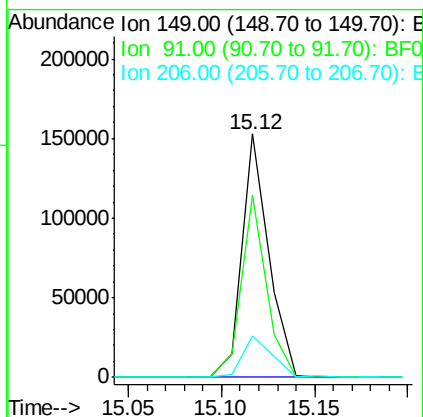
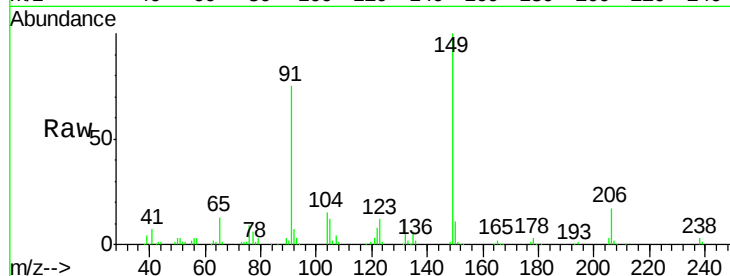




#79
Butylbenzylphthalate
Concen: 33.88 ng
RT: 15.12 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

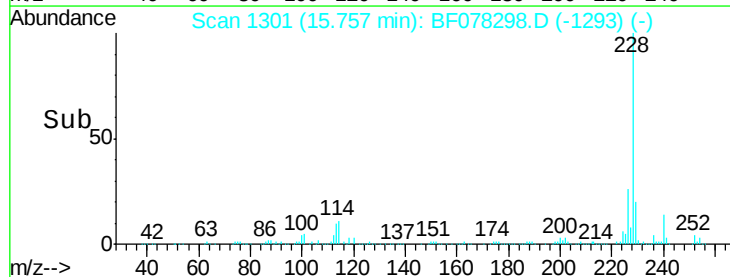
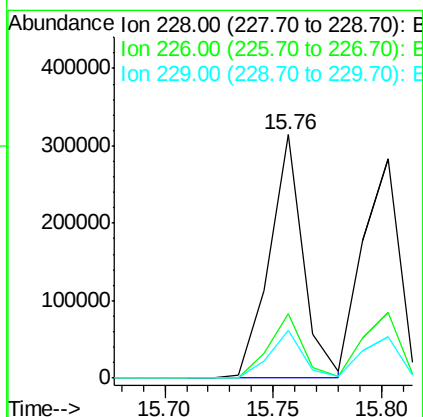
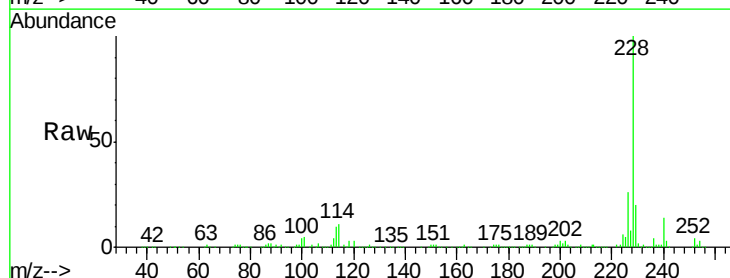
Instrument :
BNA_F
ClientSampleId :
PB82554BS

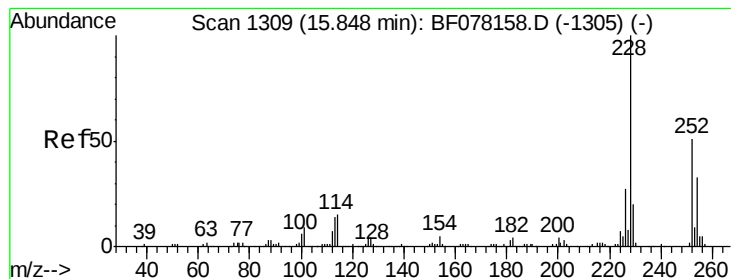
Tot Ion:149 Resp: 152460
Ion Ratio Lower Upper
149 100
91 74.8 64.2 96.2
206 17.0 12.6 18.8



#80
Benzo(a)anthracene
Concen: 30.50 ng
RT: 15.76 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion:228 Resp: 341233
Ion Ratio Lower Upper
228 100
226 26.4 21.3 31.9
229 19.6 15.4 23.2

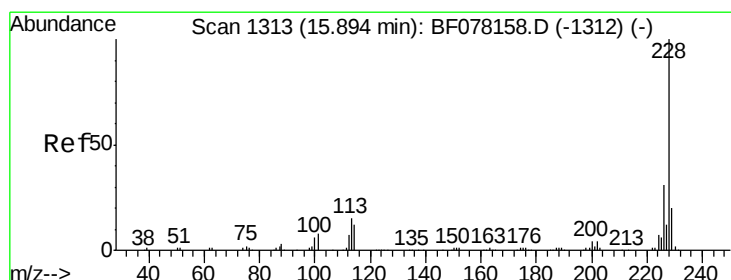
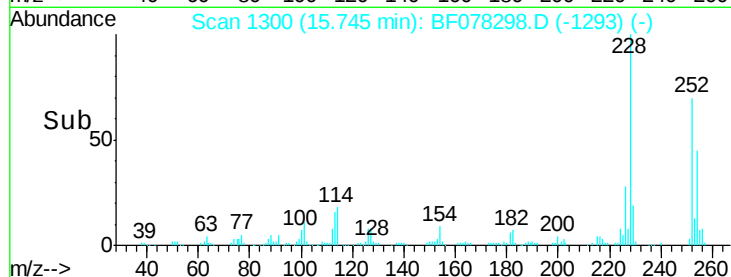
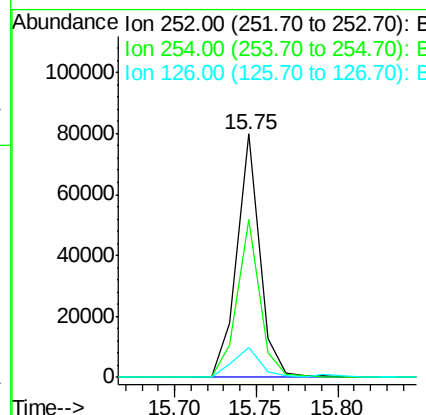
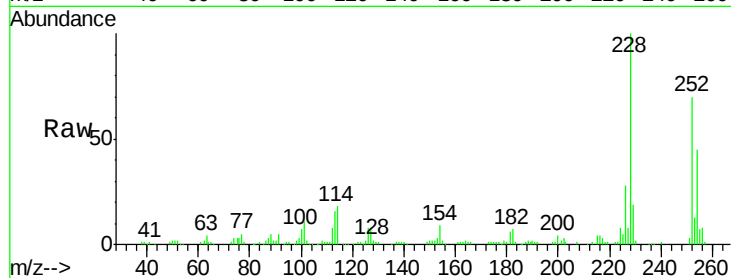




#81
 3,3'-Dichlorobenzidine
 Concen: 20.63 ng
 RT: 15.75 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

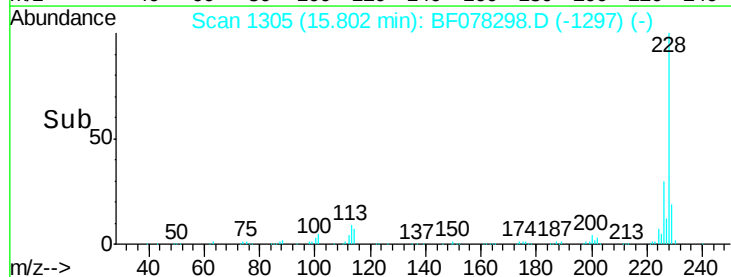
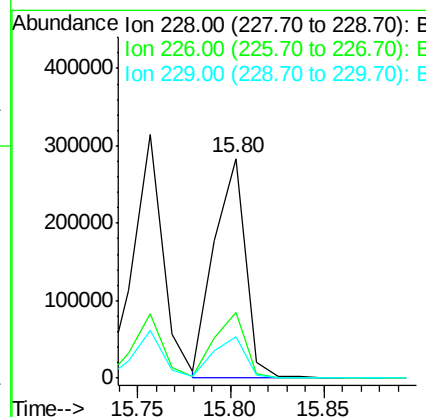
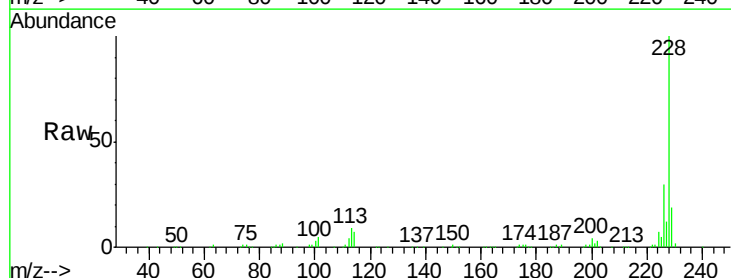
Instrument :
 BNA_F
 ClientSampleId :
 PB82554BS

Tot Ion:252 Resp: 77295
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.2 76.8
 126 12.0 6.3 9.5#



#82
 Chrysene
 Concen: 31.55 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF078298.D
 Acq: 7 Apr 2015 15:14

Tgt Ion:228 Resp: 331707
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.4
 229 19.0 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.15 ng

RT: 15.84 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

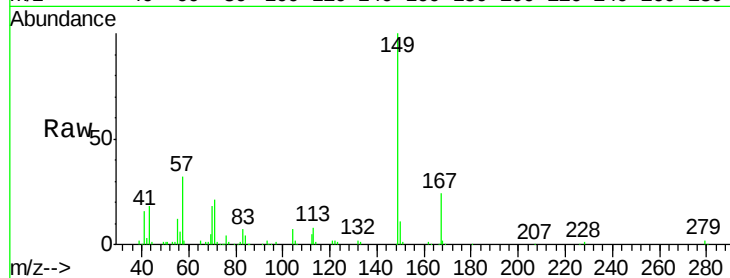
Tot Ion:149 Resp: 233967

Ion Ratio Lower Upper

149 100

167 24.3 22.2 33.2

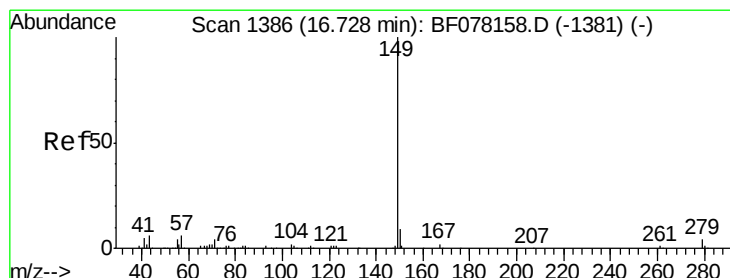
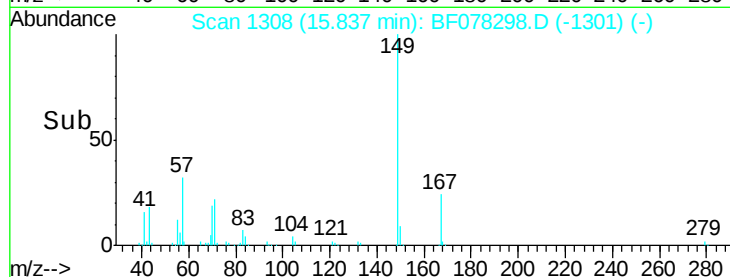
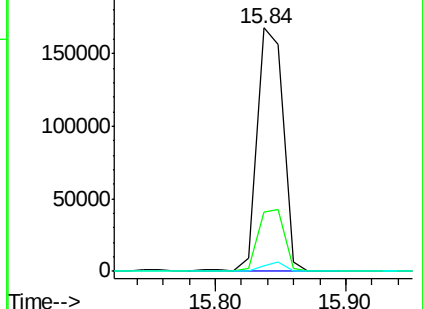
279 2.2 3.2 4.8#



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: 34.96 ng

RT: 16.63 min Scan# 1377

Delta R.T. -0.06 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

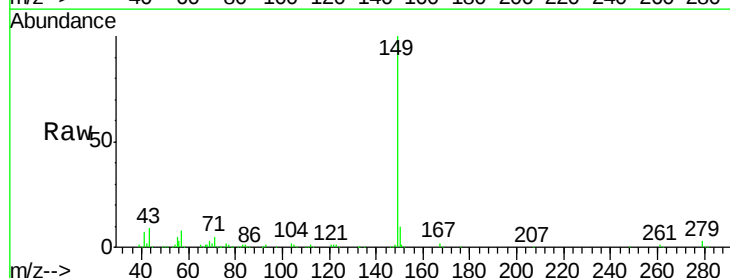
Tgt Ion:149 Resp: 405160

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

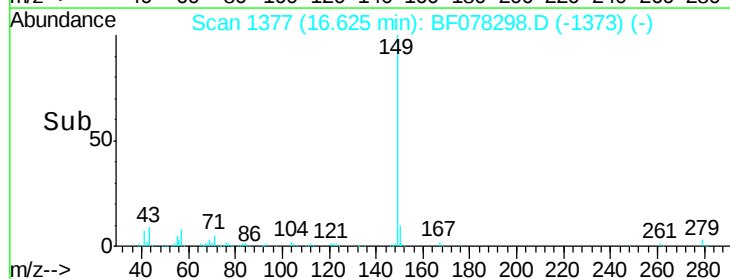
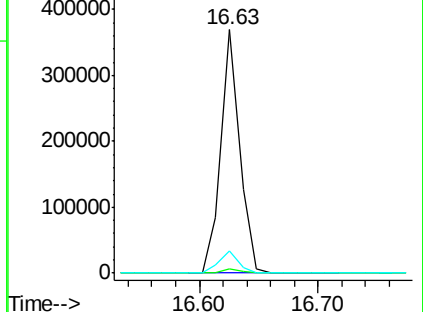
43 9.1 0.0 0.0#

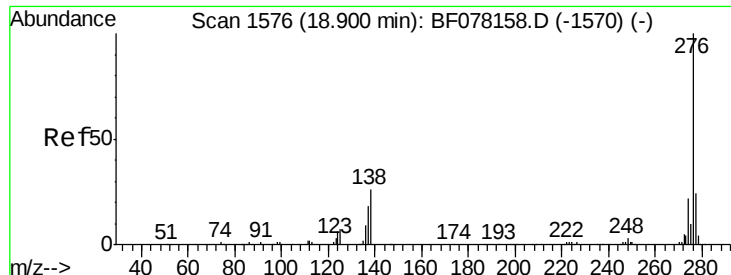


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

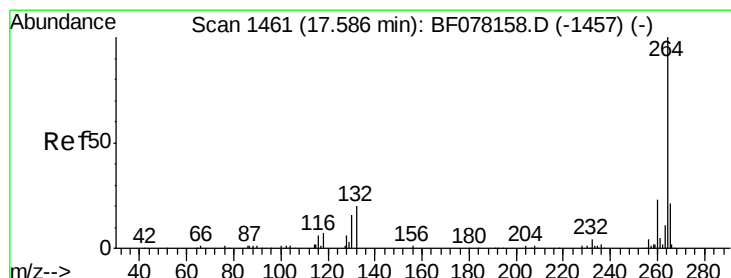
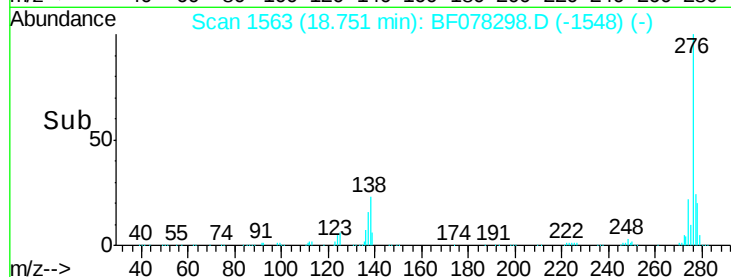
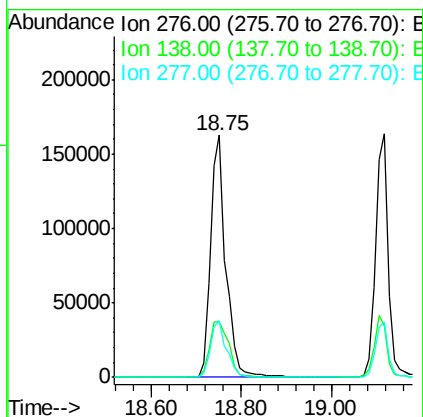
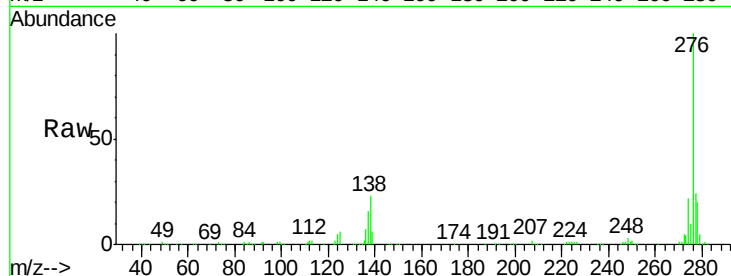




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.06 ng
RT: 18.75 min Scan# 1563
Delta R.T. -0.13 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

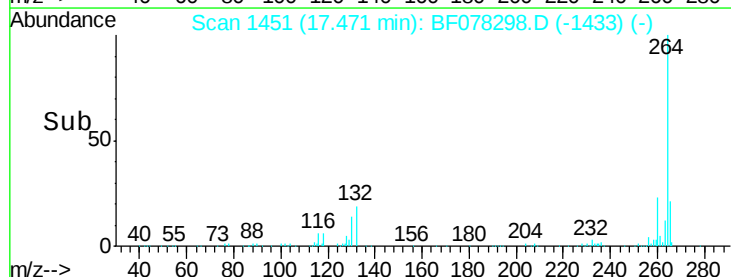
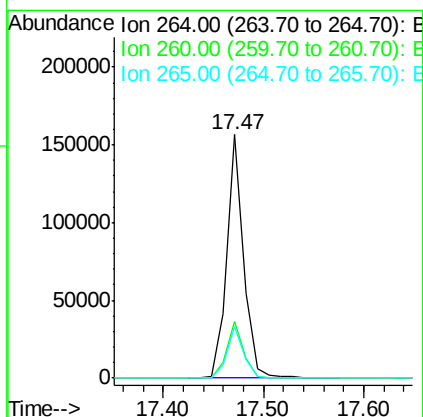
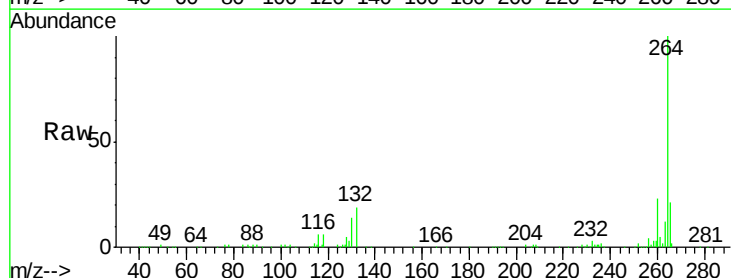
Instrument :
BNA_F
ClientSampleId :
PB82554BS

Tot Ion:276 Resp: 382485
Ion Ratio Lower Upper
276 100
138 29.2 16.9 25.3#
277 24.7 15.8 23.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.09 min
Lab File: BF078298.D
Acq: 7 Apr 2015 15:14

Tgt Ion:264 Resp: 181053
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 20.9 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 28.88 ng

RT: 17.04 min Scan# 1413

Delta R.T. -0.07 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

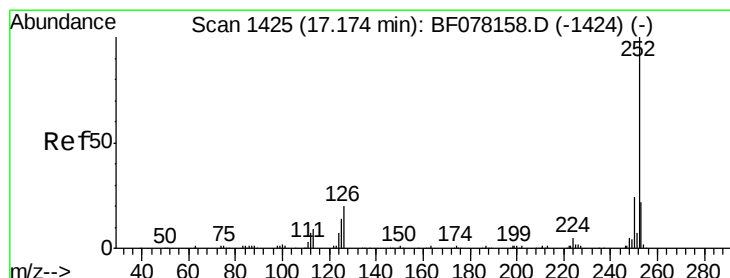
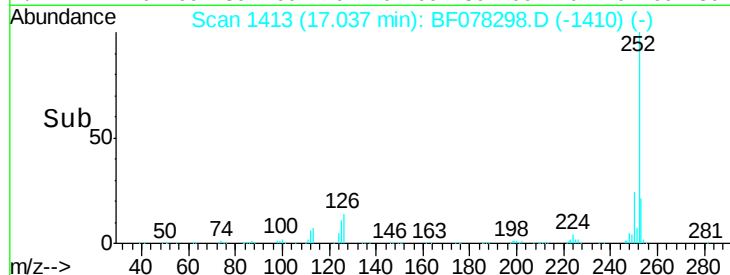
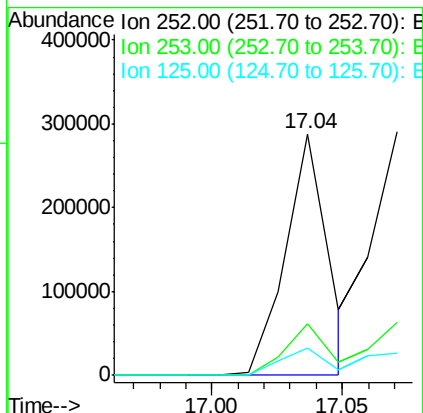
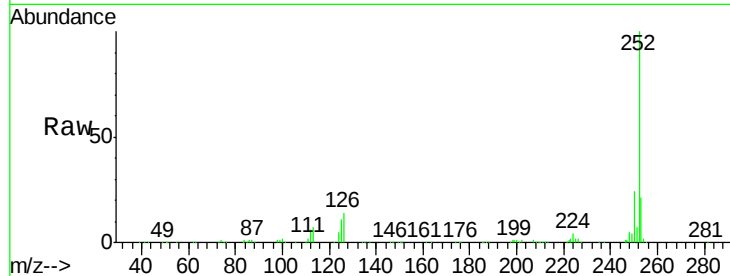
Instrument :

BNA_F

ClientSampleId :

PB82554BS

Tot Ion:252	Resp:	323124
Ion	Ratio	Lower Upper
252	100	
253	21.4	17.2 25.8
125	11.1	7.0 10.4#



#88

Benzo(k)fluoranthene

Concen: 34.19 ng m

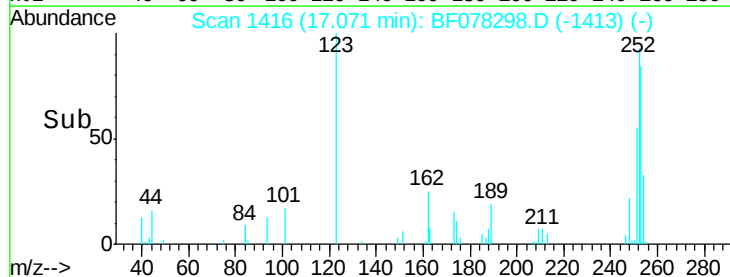
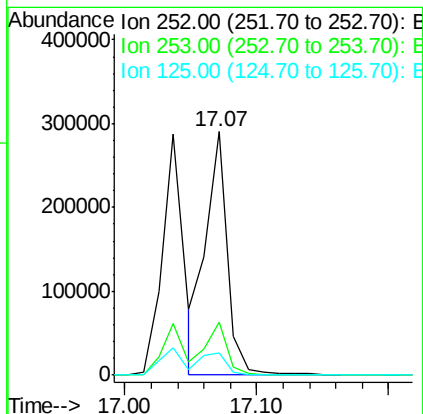
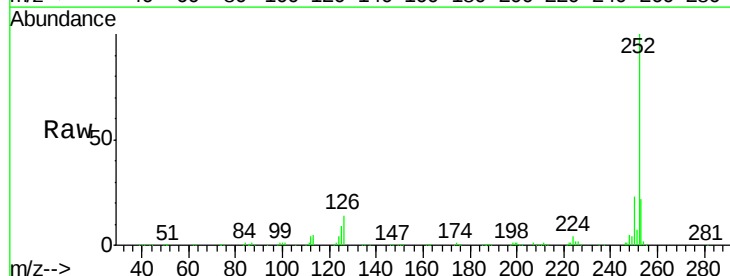
RT: 17.07 min Scan# 1416

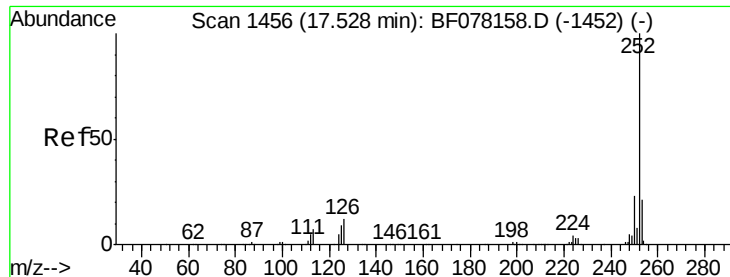
Delta R.T. -0.07 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Tgt Ion:252	Resp:	340031
Ion	Ratio	Lower Upper
252	100	
253	21.9	17.5 26.3
125	9.0	11.6 17.4#





#89

Benzo(a)pyrene

Concen: 33.33 ng

RT: 17.41 min Scan# 1446

Delta R.T. -0.08 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

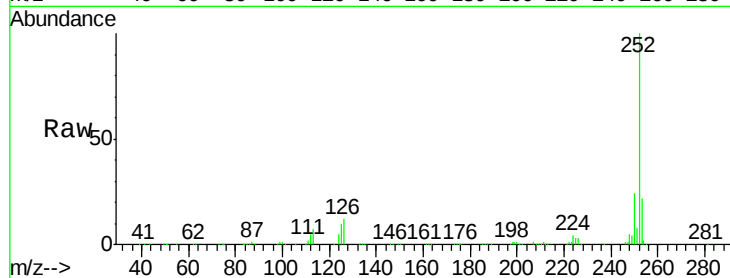
Tot Ion:252 Resp: 325486

Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

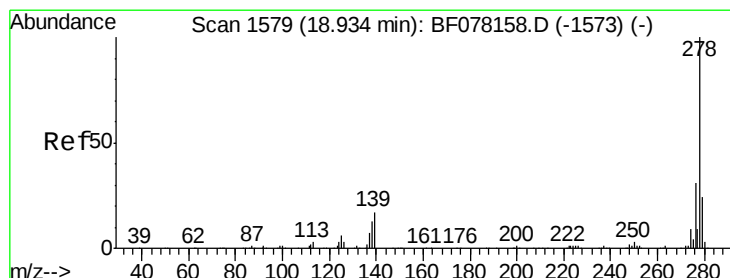
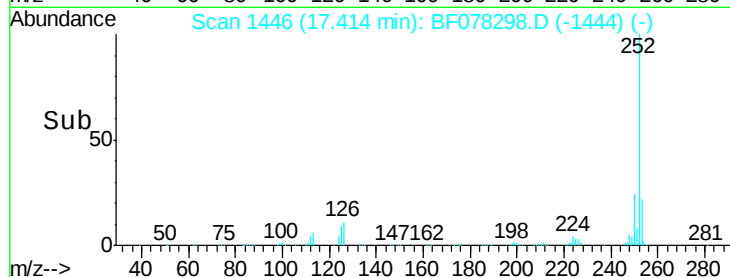
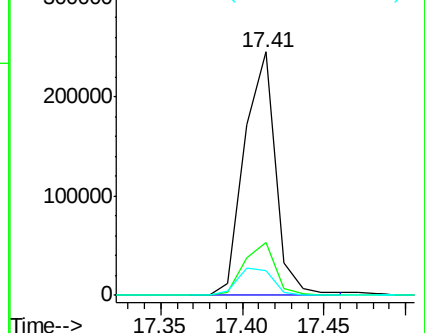
125 10.0 7.4 11.0



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: 30.71 ng

RT: 18.77 min Scan# 1565

Delta R.T. -0.13 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

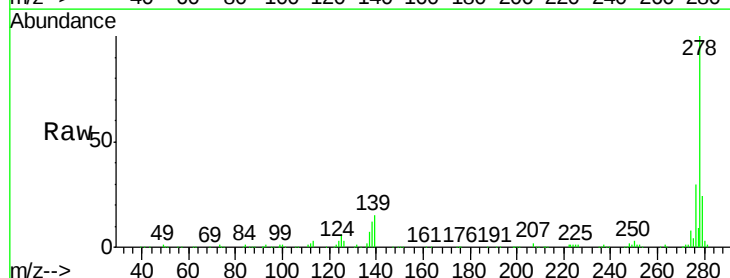
Tgt Ion:278 Resp: 300289

Ion Ratio Lower Upper

278 100

139 15.3 13.6 20.4

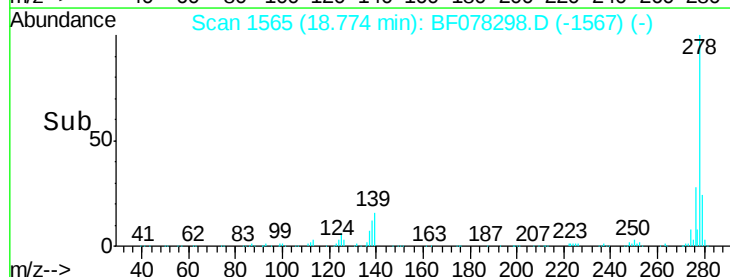
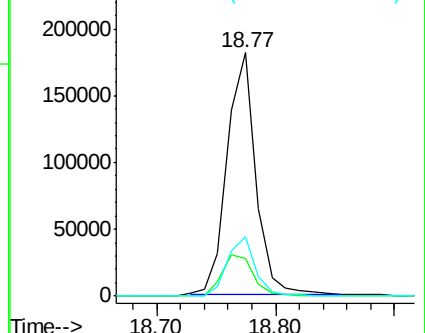
279 24.1 19.0 28.6

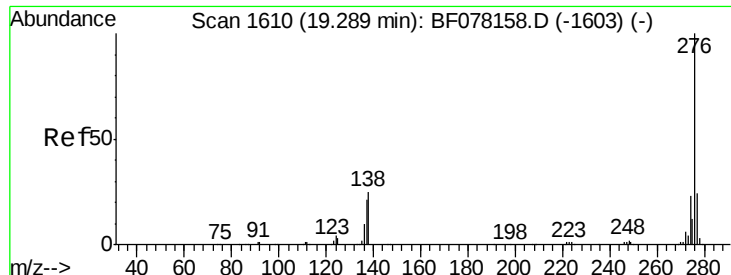


Abundance Ion 278.00 (277.70 to 278.70): E

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: 31.73 ng

RT: 19.12 min Scan# 1595

Delta R.T. -0.13 min

Lab File: BF078298.D

Acq: 7 Apr 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB82554BS

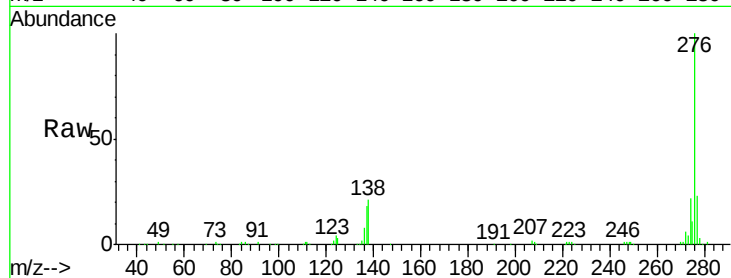
Tot Ion: 276 Resp: 311024

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 21.4 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

