

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040315\
 Data File : BF078241.D
 Acq On : 3 Apr 2015 14:51
 Operator : TP/IZ
 Sample : PB82450BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Quant Time: Apr 03 22:49:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 23:29:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	38211	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	152543	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	75299	20.00	ng	-0.01
63) Phenanthrene-d10	12.56	188	145522	20.00	ng	0.00
75) Chrysene-d12	15.83	240	148975	20.00	ng	-0.01
86) Perylene-d12	17.59	264	152030	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	286107	123.45	ng	0.00
7) Phenol-d6	6.58	99	352266	121.29	ng	-0.01
23) Nitrobenzene-d5	7.68	82	194259	77.19	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	85208	136.44	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	438610	83.26	ng	0.00
78) Terphenyl-d14	14.55	244	502723	76.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	32358	30.88	ng	98
3) Pyridine	2.45	79	102706	37.41	ng	96
4) n-Nitrosodimethylamine	2.40	42	41260	39.05	ng	99
6) Aniline	6.57	93	56402	13.69	ng	# 89
8) 2-Chlorophenol	6.72	128	107017	39.05	ng	99
9) Benzaldehyde	6.42	77	65858	34.21	ng	92
10) Phenol	6.60	94	130611	37.53	ng	99
11) bis(2-Chloroethyl)ether	6.68	93	99164	39.62	ng	95
12) 1,3-Dichlorobenzene	6.90	146	111691	37.10	ng	95
13) 1,4-Dichlorobenzene	7.00	146	113254	37.38	ng	97
14) 1,2-Dichlorobenzene	7.18	146	104009	36.61	ng	95
15) Benzyl Alcohol	7.18	79	87440	42.84	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.36	45	134368	40.25	ng	90
17) 2-Methylphenol	7.34	107	84167	39.56	ng	94
18) Hexachloroethane	7.60	117	39262	38.43	ng	# 79
19) n-Nitroso-di-n-propylamine	7.52	70	70703	36.90	ng	97
20) 3+4-Methylphenols	7.54	107	111536	39.30	ng	97
22) Acetophenone	7.49	105	143567	40.39	ng	# 90
24) Nitrobenzene	7.70	77	102308	38.89	ng	# 81
25) Isophorone	8.01	82	193556	40.52	ng	99
26) 2-Nitrophenol	8.10	139	53176	42.41	ng	98
27) 2,4-Dimethylphenol	8.18	122	92151	39.53	ng	94
28) bis(2-Chloroethoxy)methane	8.29	93	127918	41.77	ng	99
29) 2,4-Dichlorophenol	8.41	162	88686	41.81	ng	96
30) 1,2,4-Trichlorobenzene	8.49	180	91607	37.67	ng	# 96
31) Naphthalene	8.58	128	298053	37.54	ng	99
32) Benzoic acid	8.32	122	55944	50.66	ng	92
33) 4-Chloroaniline	8.67	127	52369	15.90	ng	99
34) Hexachlorobutadiene	8.74	225	51979	38.93	ng	96
35) Caprolactam	9.10	113	28078	44.35	ng	# 83
36) 4-Chloro-3-methylphenol	9.30	107	94811	44.30	ng	89
37) 2-Methylnaphthalene	9.45	142	205159	38.06	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.65	216	90273	38.69	ng	97
40) Hexachlorocyclopentadiene	9.63	237	90458	89.20	ng	97

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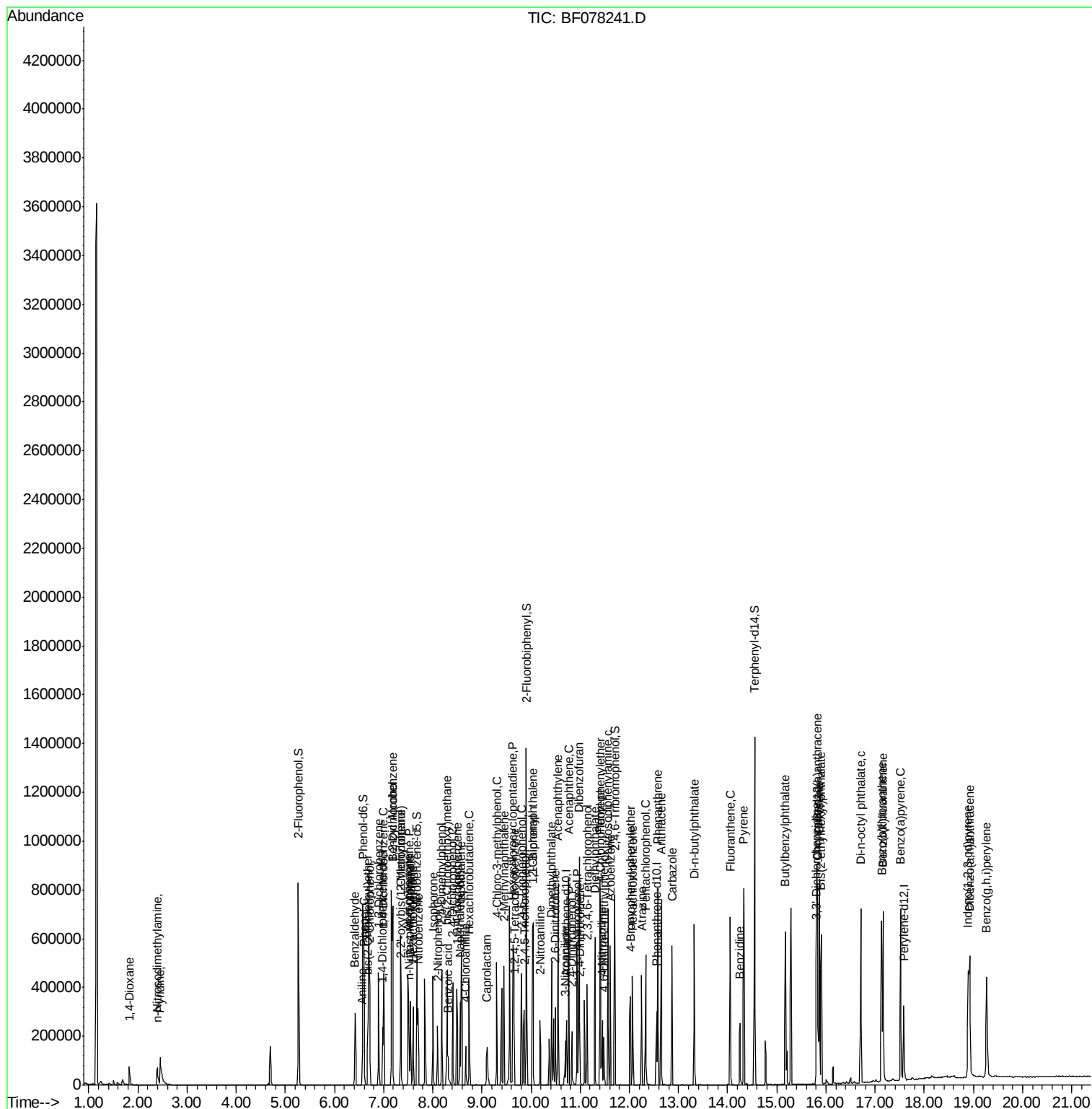
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	65147	44.28	ng	97
43) 2,4,5-Trichlorophenol	9.86	196	66703	43.39	ng	# 84
45) 1,1'-Biphenyl	10.03	154	249650	40.53	ng	98
46) 2-Chloronaphthalene	10.04	162	202285	41.74	ng	97
47) 2-Nitroaniline	10.18	65	51222	42.72	ng	93
48) Acenaphthylene	10.54	152	306215	39.13	ng	99
49) Dimethylphthalate	10.42	163	222587	39.35	ng	99
50) 2,6-Dinitrotoluene	10.49	165	47398	40.72	ng	# 41
51) Acenaphthene	10.76	154	184050	41.77	ng	99
52) 3-Nitroaniline	10.69	138	29324	22.16	ng	98
53) 2,4-Dinitrophenol	10.83	184	35386	78.77	ng	# 88
54) Dibenzofuran	10.98	168	292056	43.40	ng	97
55) 4-Nitrophenol	10.95	139	80136	82.16	ng	98
56) 2,4-Dinitrotoluene	10.99	165	68422	45.39	ng	# 90
57) Fluorene	11.40	166	236296	43.32	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.14	232	53025	46.53	ng	99
59) Diethylphthalate	11.30	149	238322	43.69	ng	99
60) 4-Chlorophenyl-phenylether	11.41	204	107126	42.69	ng	# 82
61) 4-Nitroaniline	11.45	138	49263	36.82	ng	99
62) Azobenzene	11.61	77	219450	44.08	ng	94
64) 4,6-Dinitro-2-methylphenol	11.48	198	27584	39.94	ng	# 77
65) n-Nitrosodiphenylamine	11.56	169	195360	38.81	ng	100
66) 4-Bromophenyl-phenylether	12.02	248	65098	42.24	ng	# 84
67) Hexachlorobenzene	12.07	284	66148	39.17	ng	# 85
68) Atrazine	12.25	200	67073	46.01	ng	99
69) Pentachlorophenol	12.33	266	66816	88.32	ng	99
70) Phenanthrene	12.58	178	331532	39.39	ng	99
71) Anthracene	12.65	178	343881	41.46	ng	99
72) Carbazole	12.87	167	324724	41.77	ng	99
73) Di-n-butylphthalate	13.32	149	383938	43.60	ng	99
74) Fluoranthene	14.05	202	375234	42.27	ng	92
76) Benzidine	14.25	184	147551	25.72	ng	98
77) Pyrene	14.33	202	384508	41.11	ng	99
79) Butylbenzylphthalate	15.17	149	166808	46.80	ng	# 85
80) Benzo(a)anthracene	15.81	228	358095	40.40	ng	100
81) 3,3'-Dichlorobenzidine	15.80	252	93243	31.41	ng	# 98
82) Chrysene	15.86	228	341973	41.06	ng	100
83) Bis(2-ethylhexyl)phthalate	15.91	149	253395	45.33	ng	98
84) Di-n-octyl phthalate	16.71	149	435756	47.47	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.89	276	390906	41.37	ng	# 85
87) Benzo(b)fluoranthene	17.13	252	380557	40.50	ng	# 96
88) Benzo(k)fluoranthene	17.16	252	296862	35.55	ng	98
89) Benzo(a)pyrene	17.52	252	336784	41.07	ng	# 96
90) Dibenzo(a,h)anthracene	18.92	278	313354	38.17	ng	98
91) Benzo(g,h,i)perylene	19.27	276	321456	39.05	ng	96

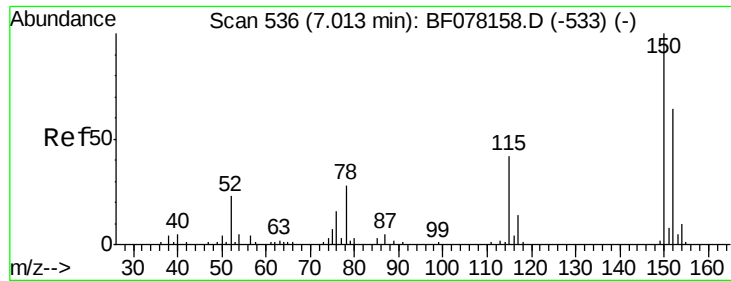
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040315\  
Data File : BF078241.D  
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Operator  : TP/IZ  
Sample    : PB82450BS  
Misc      :  
ALS Vial  : 3 Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

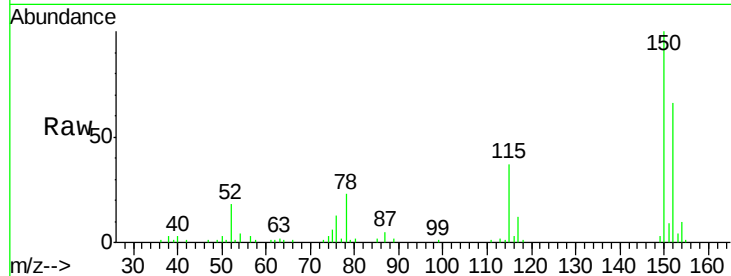
Tgt Ion:152 Resp: 38211

Ion Ratio Lower Upper

152 100

150 151.2 125.9 188.9

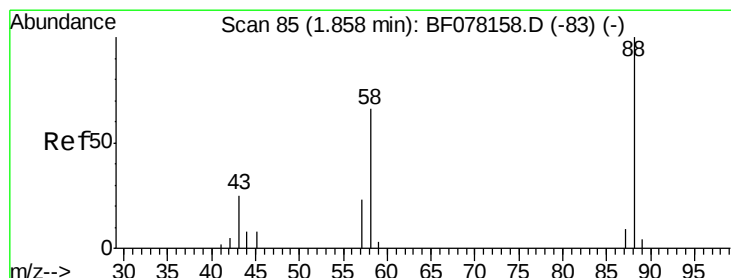
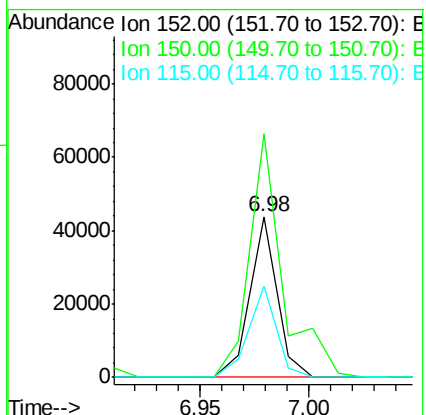
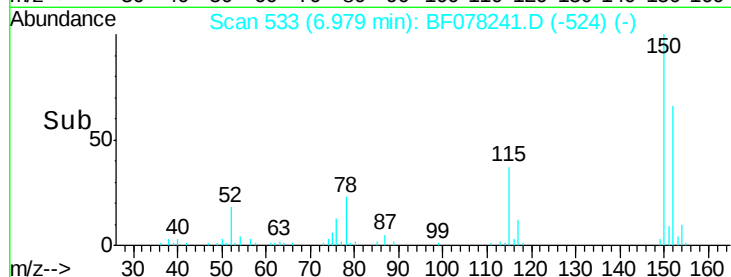
115 56.7 52.7 79.1



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



#2

1,4-Dioxane

Concen: 30.88 ng

RT: 1.82 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

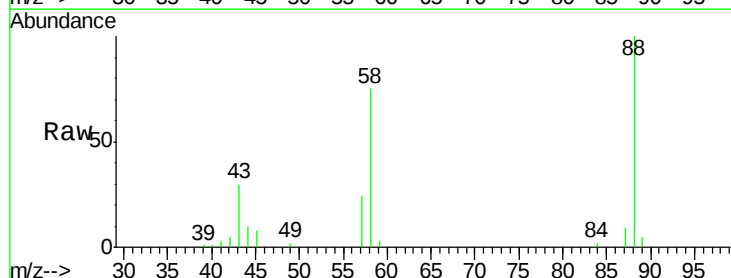
Tgt Ion: 88 Resp: 32358

Ion Ratio Lower Upper

88 100

58 73.0 56.9 85.3

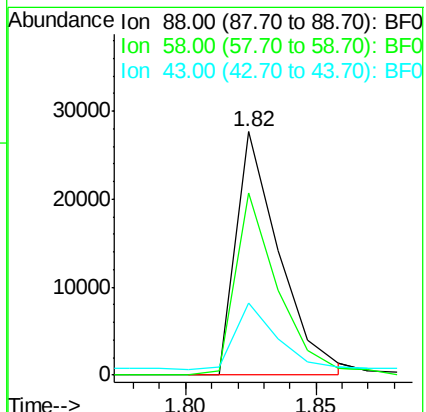
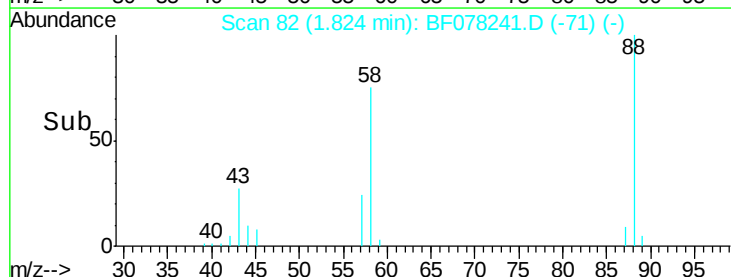
43 26.8 21.4 32.2

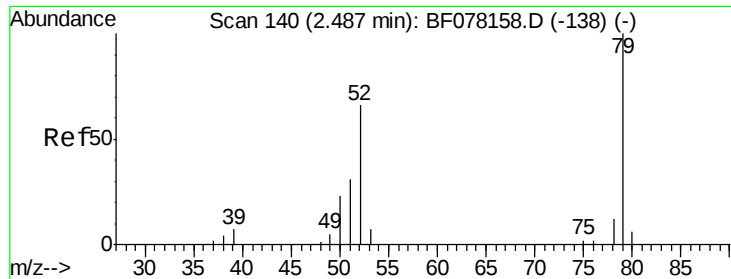


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.41 ng

RT: 2.45 min Scan# 137

Delta R.T. 0.02 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

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ClientSampleId :

PB82450BS

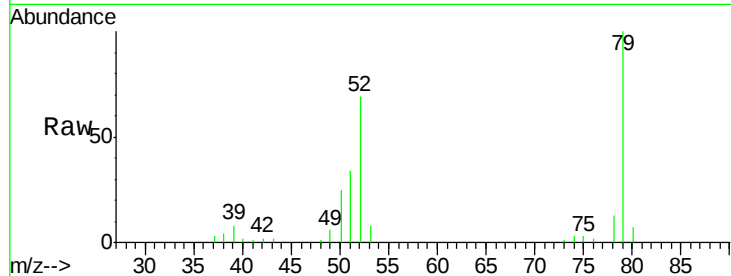
Tgt Ion: 79 Resp: 102706

Ion Ratio Lower Upper

79 100

52 68.7 52.4 78.6

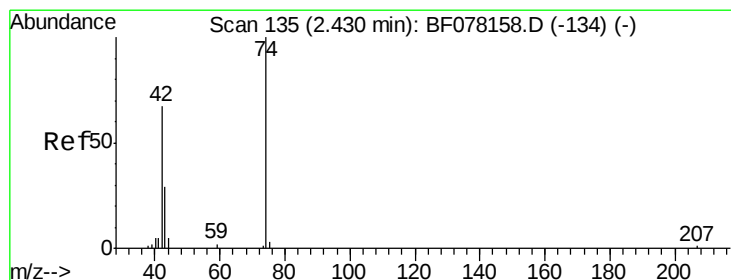
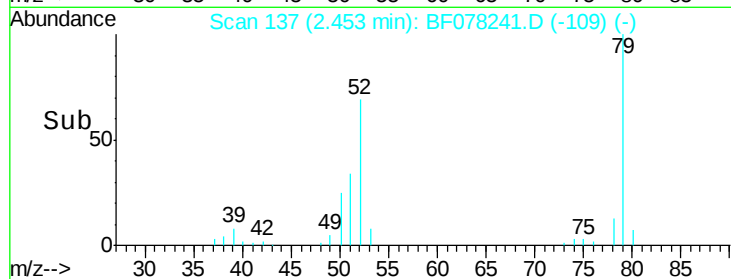
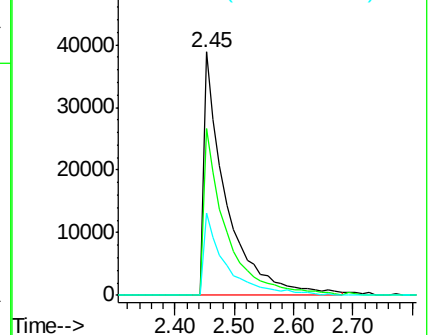
51 33.6 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.05 ng

RT: 2.40 min Scan# 132

Delta R.T. 0.02 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

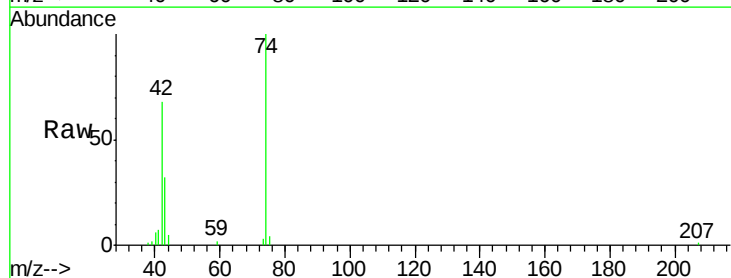
Tgt Ion: 42 Resp: 41260

Ion Ratio Lower Upper

42 100

74 146.9 118.7 178.1

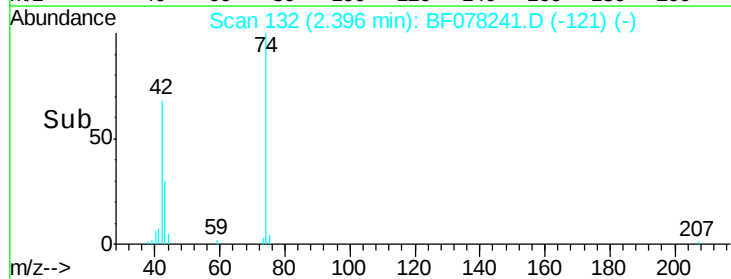
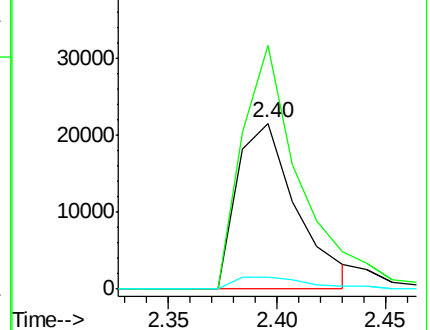
44 7.4 5.9 8.9

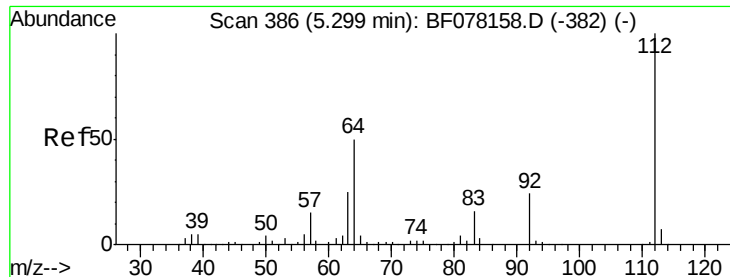


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.45 ng

RT: 5.26 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

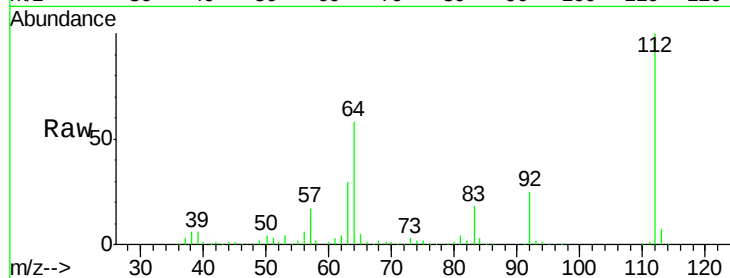
Instrument :

BNA_F

ClientSampleId :

PB82450BS

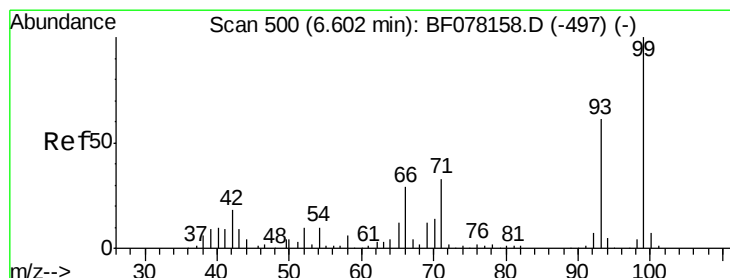
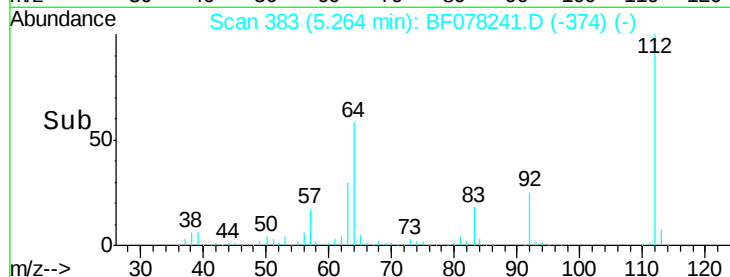
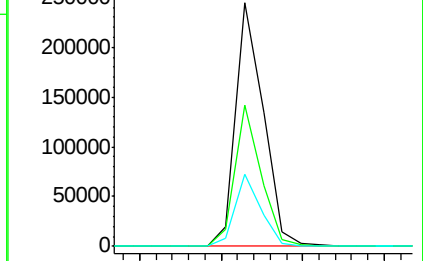
Tgt Ion:	112	Resp:	286107
Ion	Ratio	Lower	Upper
112	100		
64	58.1	39.9	59.9
63	29.8	20.2	30.4



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: 13.69 ng

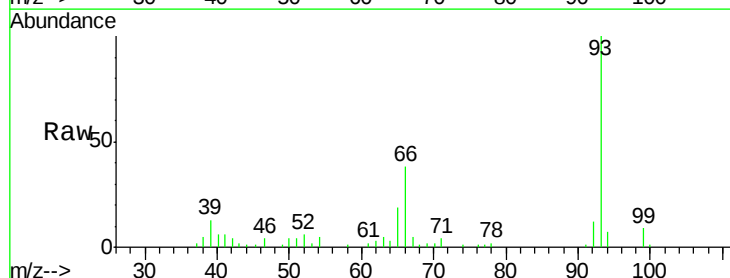
RT: 6.57 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

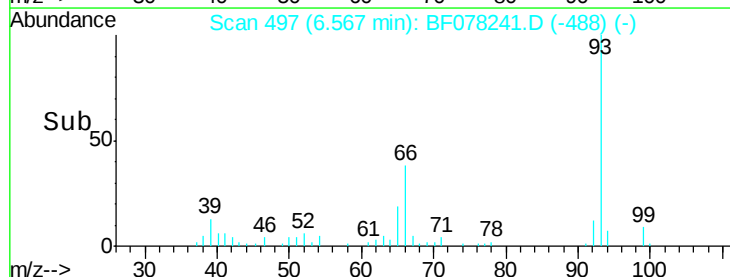
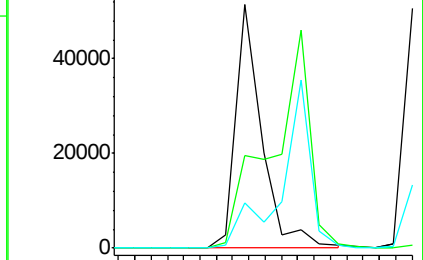
Tgt Ion:	93	Resp:	56402
Ion	Ratio	Lower	Upper
93	100		
66	37.9	38.0	57.0#
65	18.7	16.3	24.5

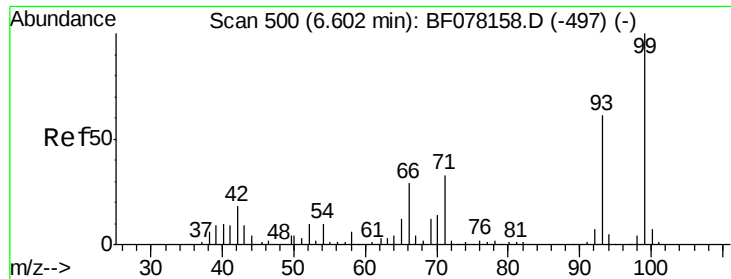


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.29 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF078241.D

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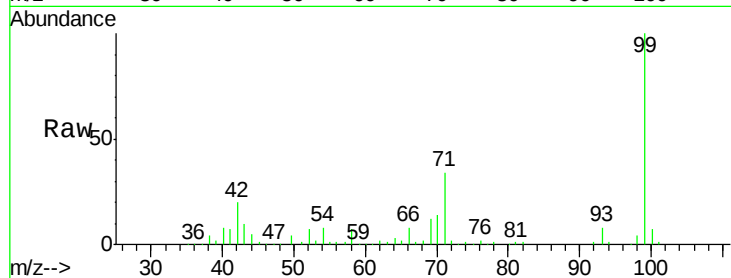
Tgt Ion: 99 Resp: 352266

Ion Ratio Lower Upper

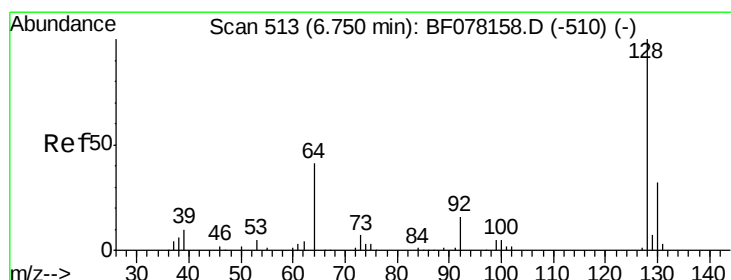
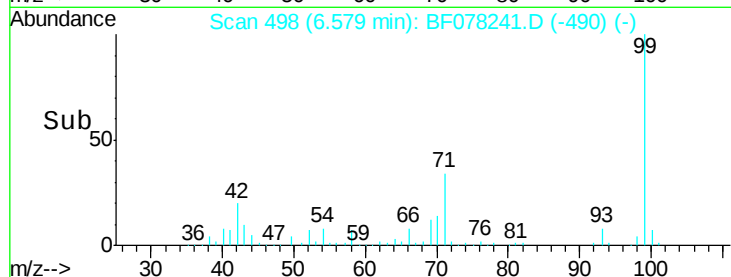
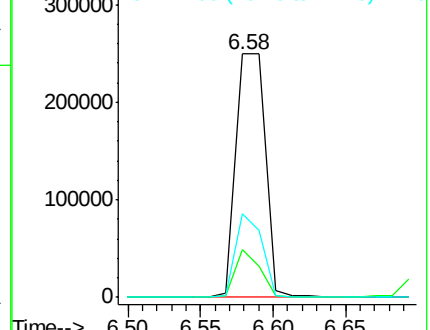
99 100

42 19.8 14.8 22.2

71 34.2 26.6 39.8



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



#8

2-Chlorophenol

Concen: 39.05 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

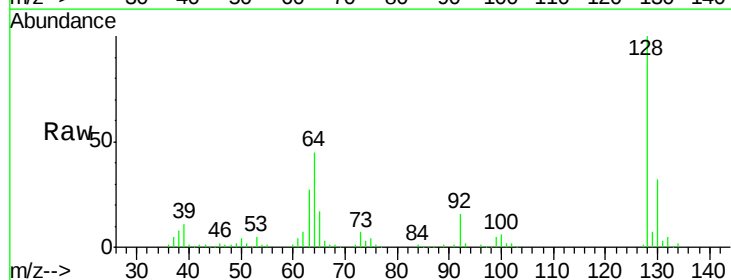
Tgt Ion: 128 Resp: 107017

Ion Ratio Lower Upper

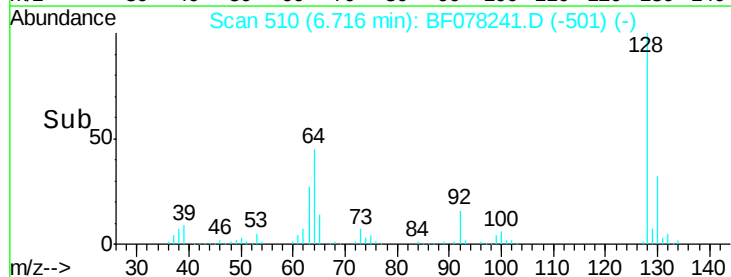
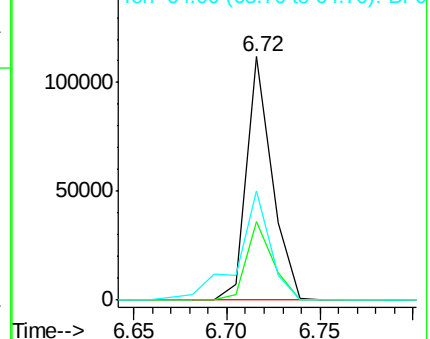
128 100

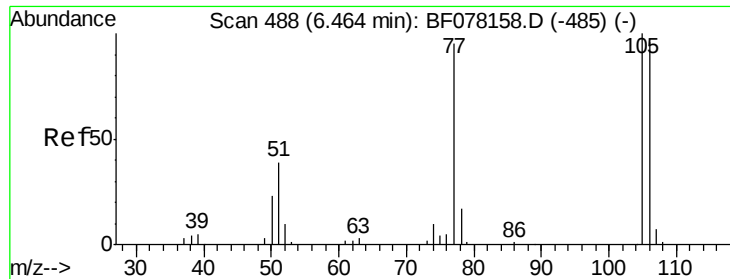
130 32.1 12.3 52.3

64 45.1 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: 34.21 ng

RT: 6.42 min Scan# 484

Delta R.T. 0.00 min

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Acq: 3 Apr 2015 14:51

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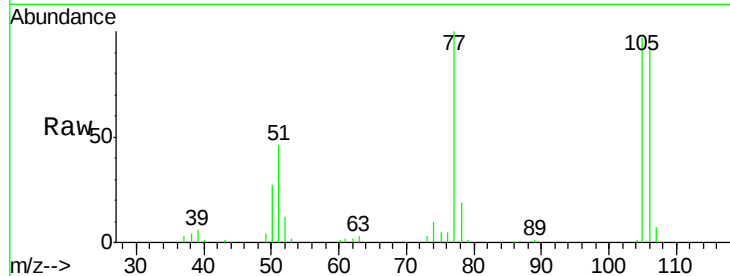
Tgt Ion: 77 Resp: 65858

Ion Ratio Lower Upper

77 100

105 97.1 85.4 125.4

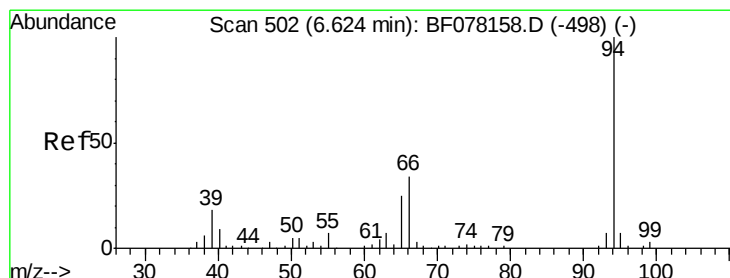
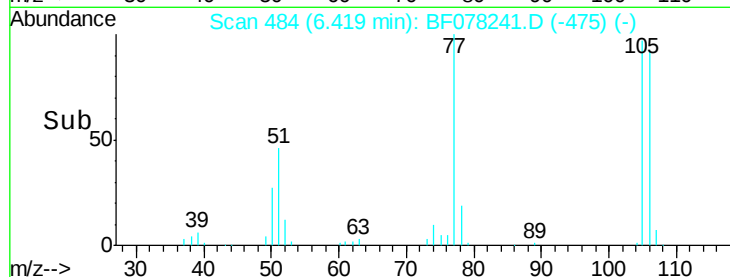
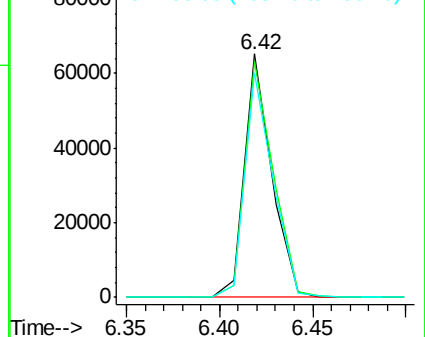
106 92.3 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.53 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

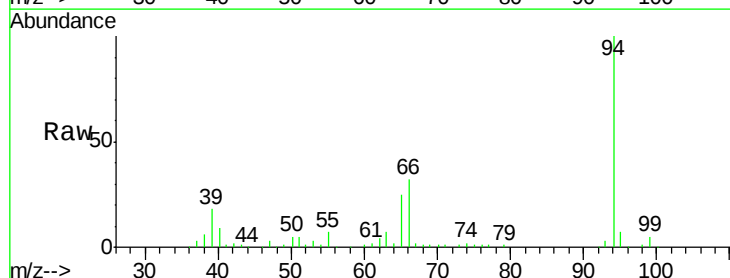
Tgt Ion: 94 Resp: 130611

Ion Ratio Lower Upper

94 100

65 25.1 4.9 44.9

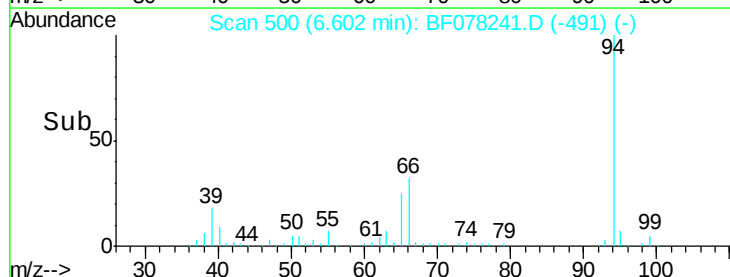
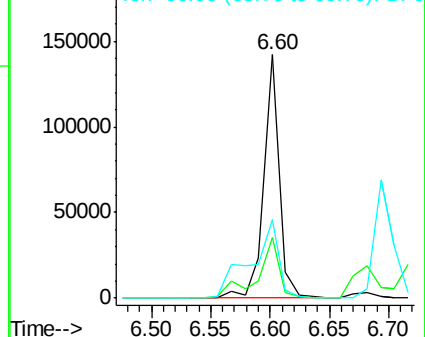
66 32.5 13.8 53.8

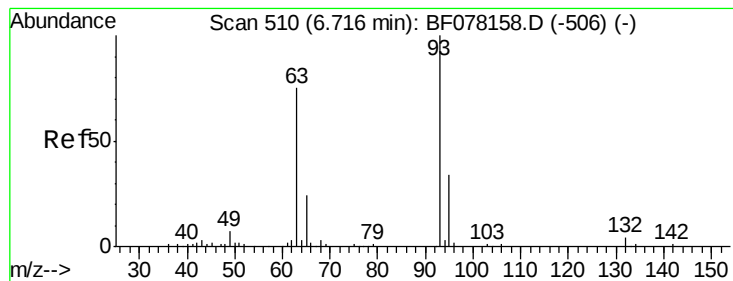


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.62 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

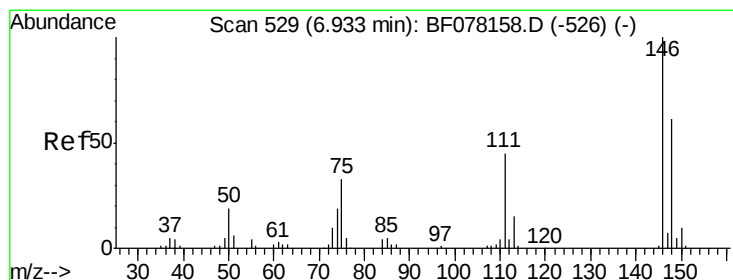
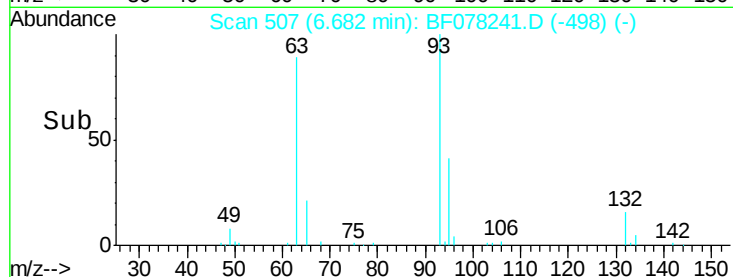
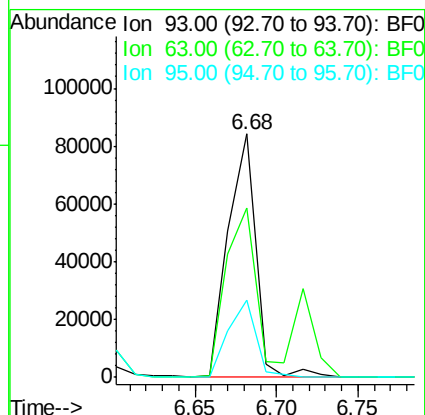
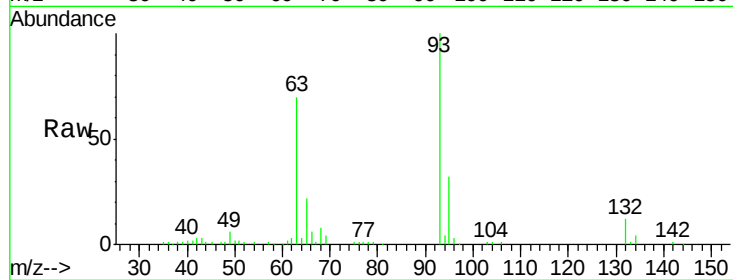
Tgt Ion: 93 Resp: 99164

Ion Ratio Lower Upper

93 100

63 69.7 54.6 94.6

95 31.5 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 37.10 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

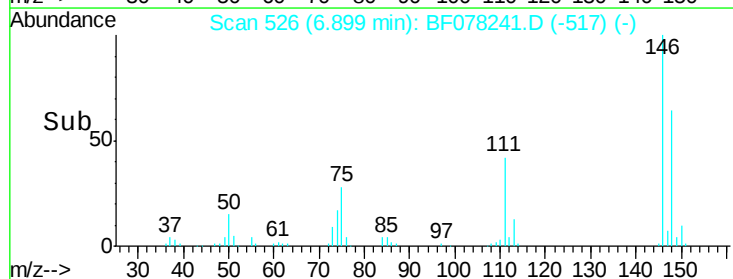
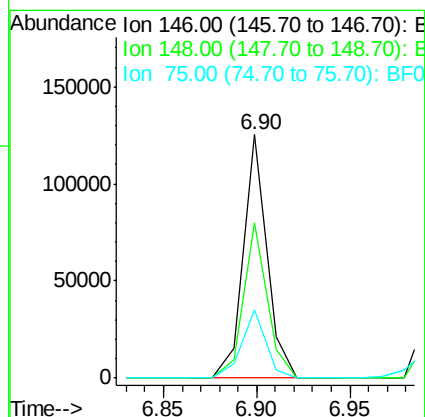
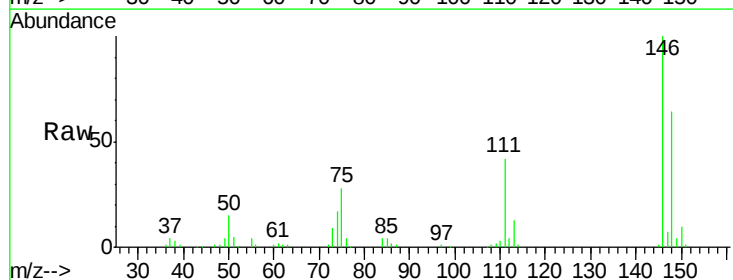
Tgt Ion: 146 Resp: 111691

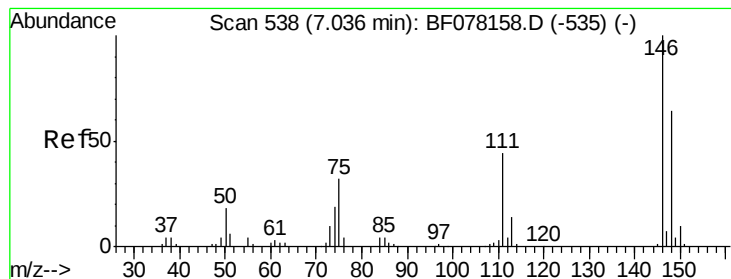
Ion Ratio Lower Upper

146 100

148 63.6 49.1 73.7

75 28.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 37.38 ng

RT: 7.00 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

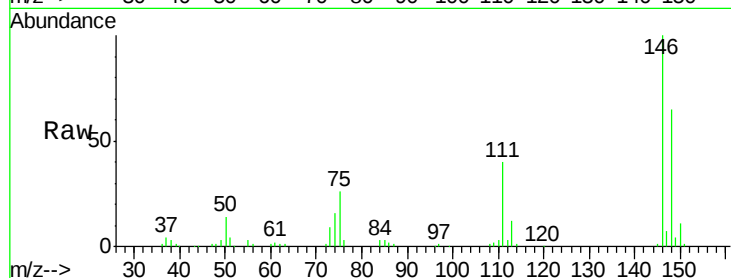
Tgt Ion:146 Resp: 113254

Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.0

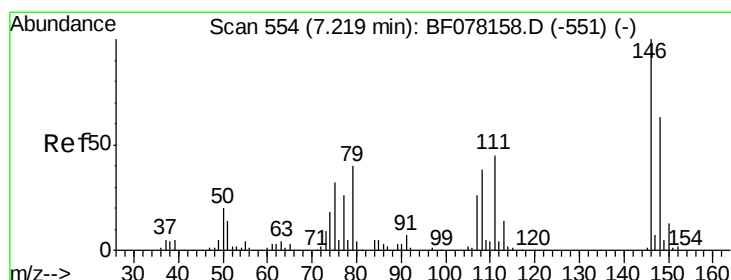
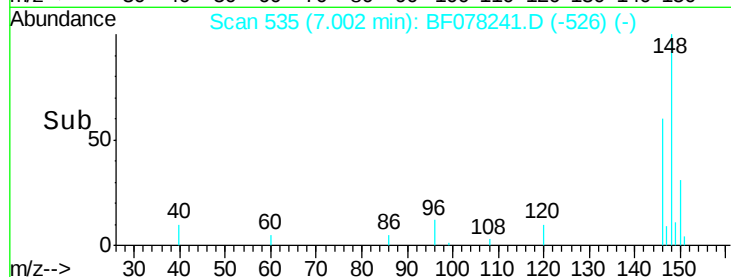
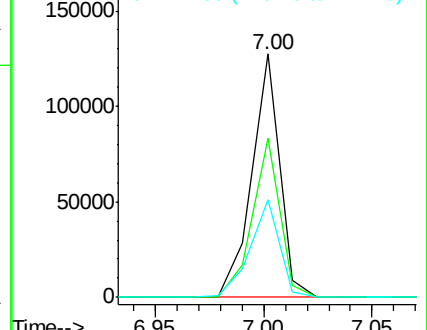
111 40.2 35.0 52.4



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: 36.61 ng

RT: 7.18 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

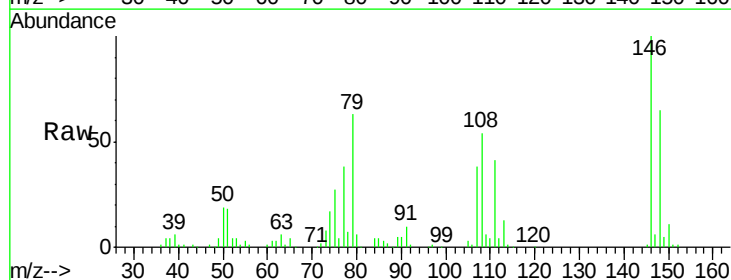
Tgt Ion:146 Resp: 104009

Ion Ratio Lower Upper

146 100

148 65.4 50.2 75.4

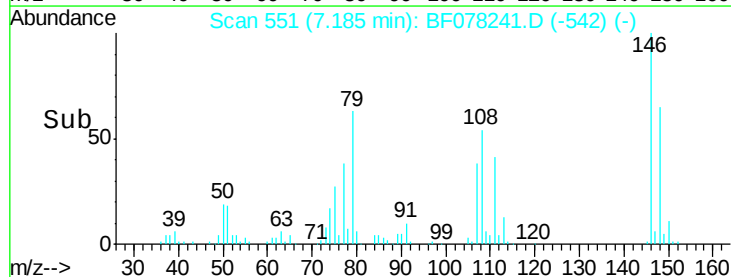
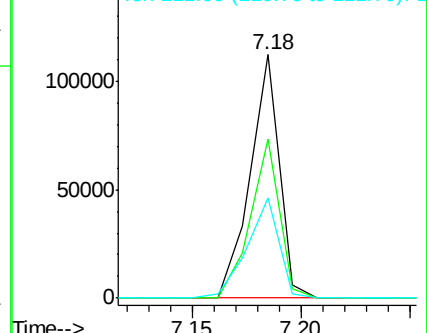
111 41.1 36.1 54.1

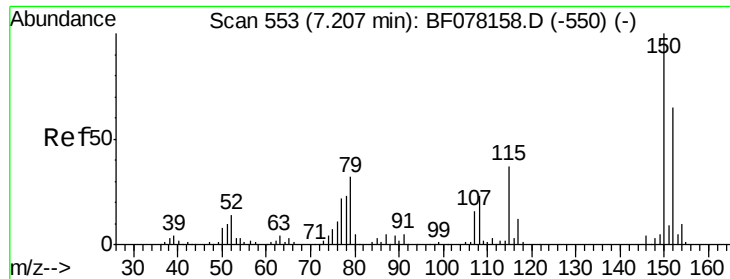


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.84 ng

RT: 7.18 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

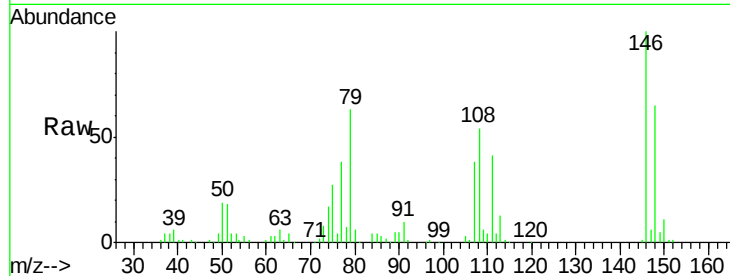
Tgt Ion: 79 Resp: 87440

Ion Ratio Lower Upper

79 100

108 85.6 57.6 86.4

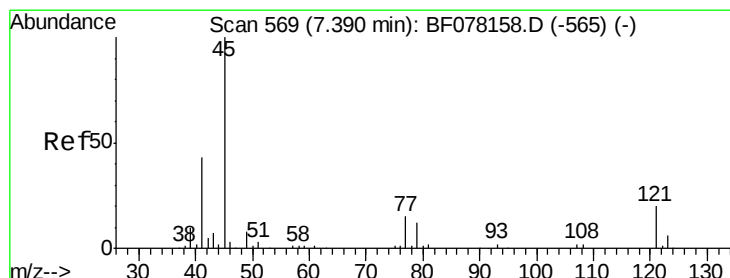
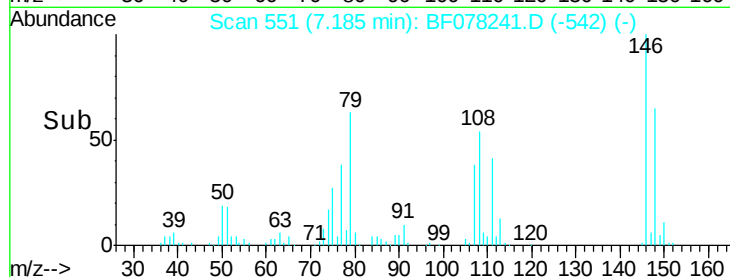
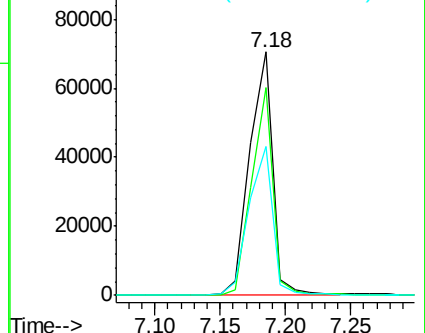
77 61.2 53.5 80.3



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: 40.25 ng

RT: 7.36 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

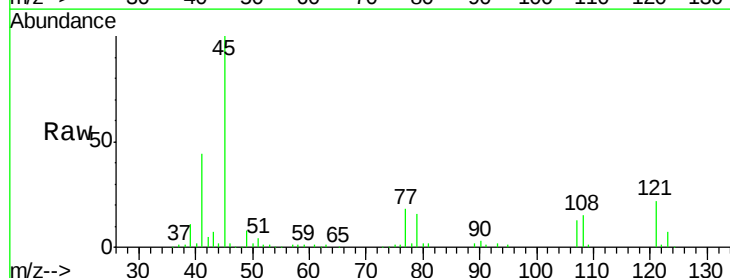
Tgt Ion: 45 Resp: 134368

Ion Ratio Lower Upper

45 100

77 18.5 0.0 34.5

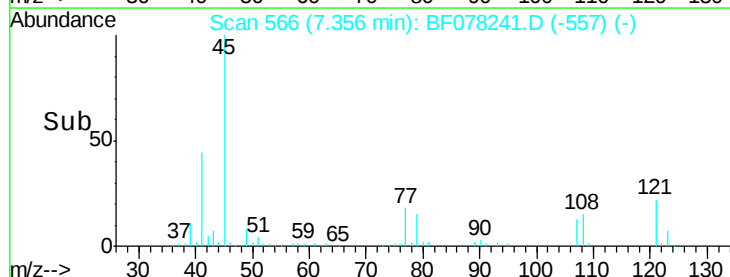
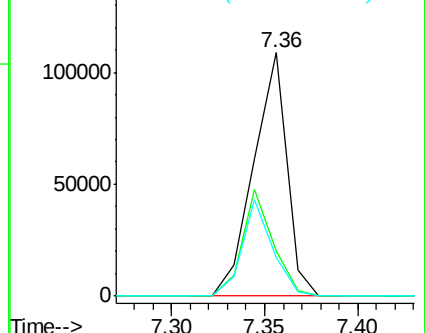
79 15.7 0.0 31.9

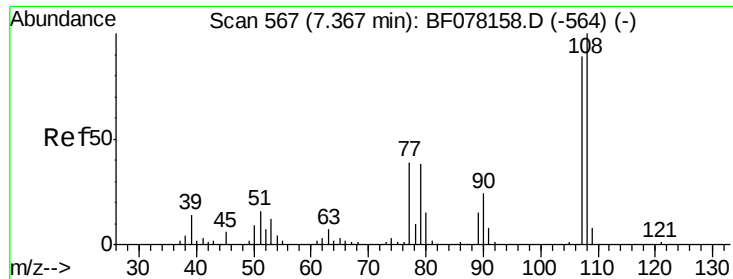


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

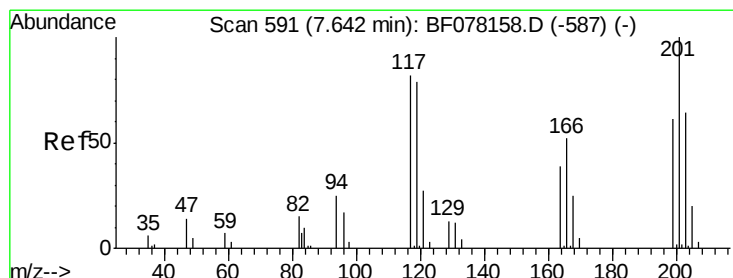
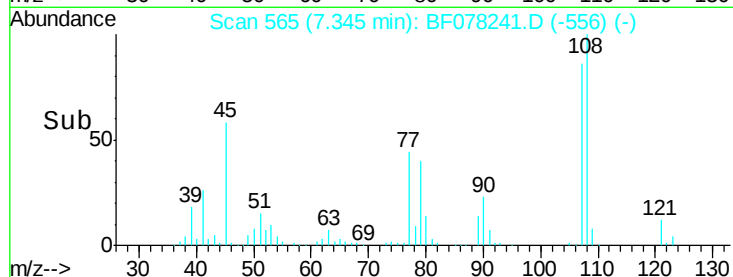
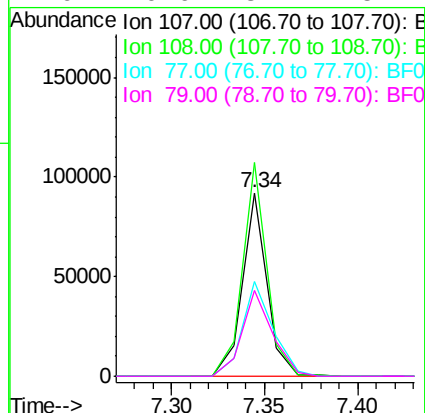
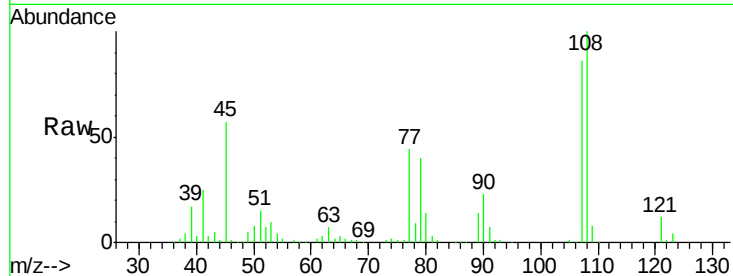




#17
2-Methylphenol
Concen: 39.56 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

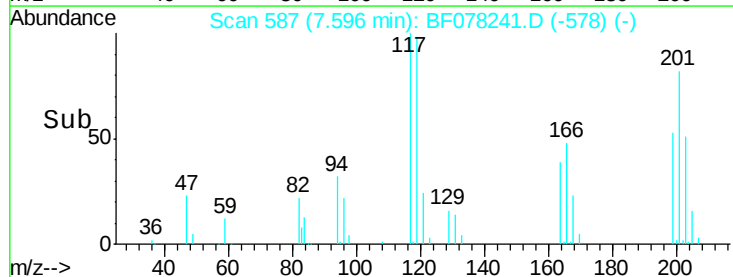
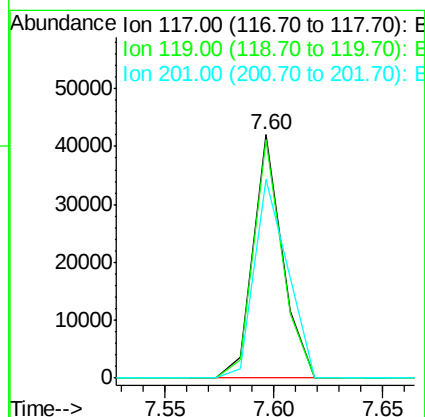
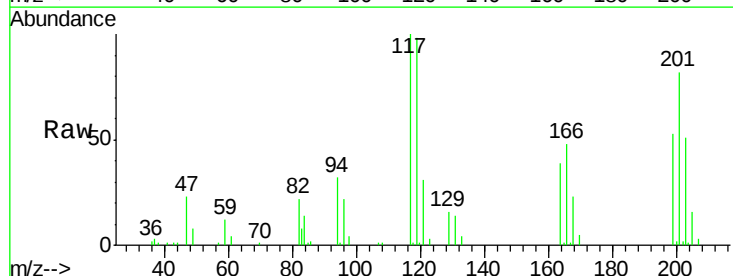
Instrument :
BNA_F
ClientSampleId :
PB82450BS

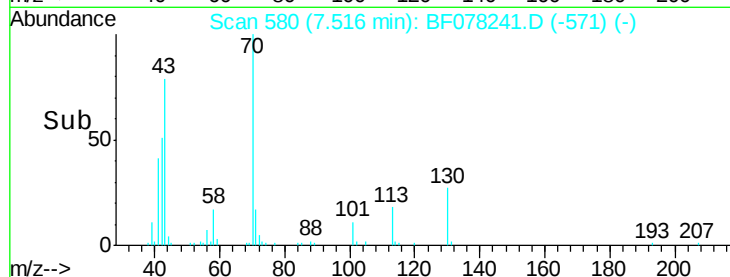
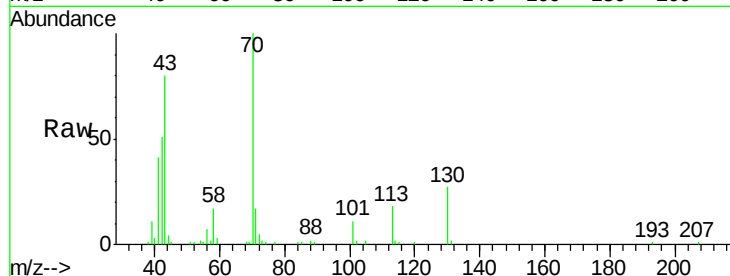
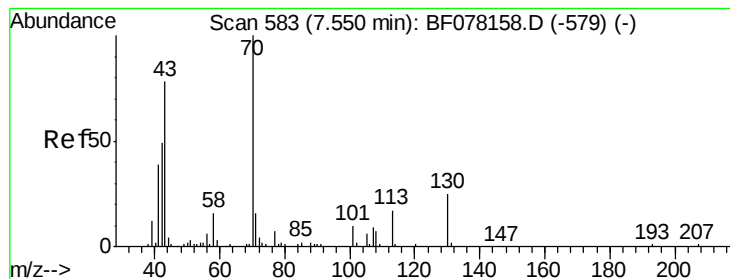
Tgt Ion:	107	Resp:	84167
Ion	Ratio	Lower	Upper
107	100		
108	116.3	90.3	135.5
77	51.6	35.5	53.3
79	46.6	34.2	51.4



#18
Hexachloroethane
Concen: 38.43 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion:	117	Resp:	39262
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.0	115.6
201	81.9	98.1	147.1#





#19

n-Nitroso-di-n-propylamine

Concen: 36.90 ng

RT: 7.52 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

Tgt Ion: 70 Resp: 70703

Ion Ratio Lower Upper

70 100

42 51.3 38.9 58.3

101 10.6 8.3 12.5

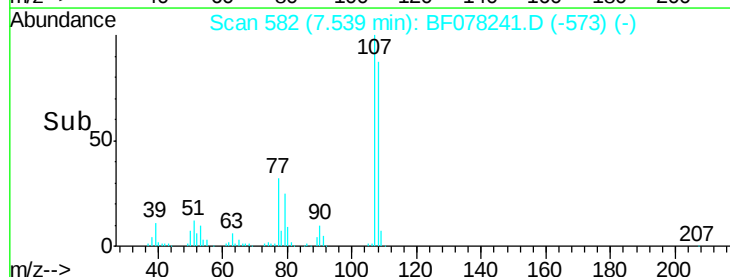
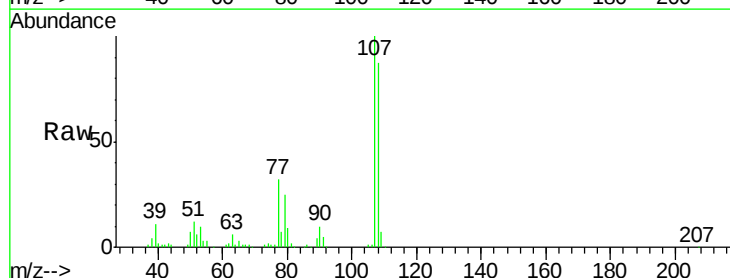
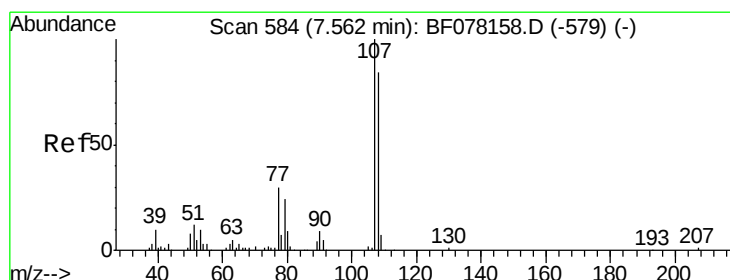
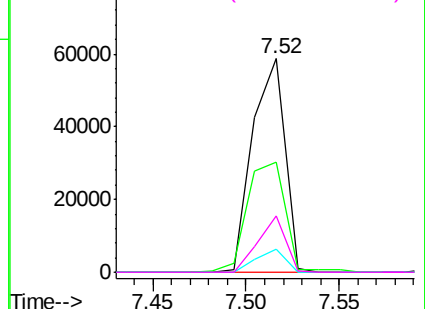
130 26.5 19.8 29.8

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.30 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion: 107 Resp: 111536

Ion Ratio Lower Upper

107 100

108 87.2 64.4 104.4

77 31.7 9.7 49.7

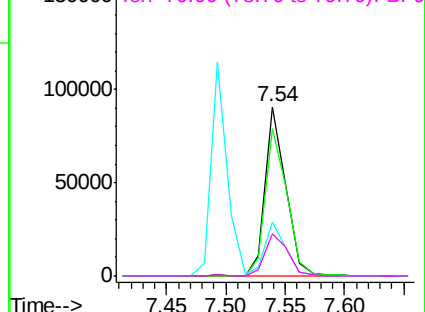
79 24.9 4.0 44.0

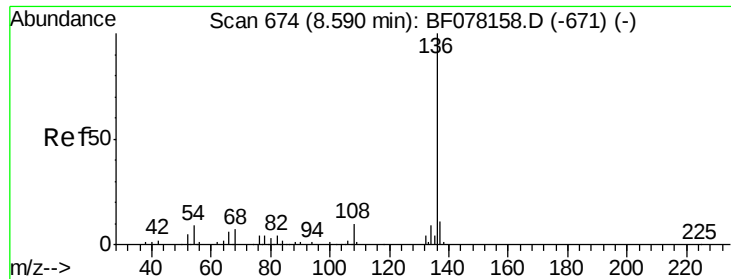
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

Tgt Ion:136 Resp: 152543

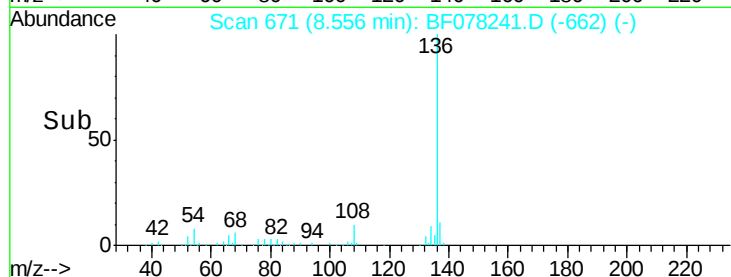
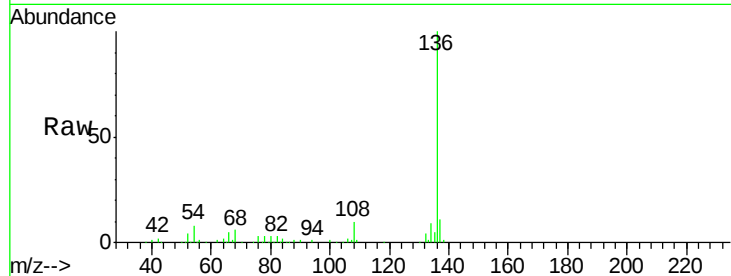
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 7.6 7.0 10.6

68 5.8 5.4 8.2

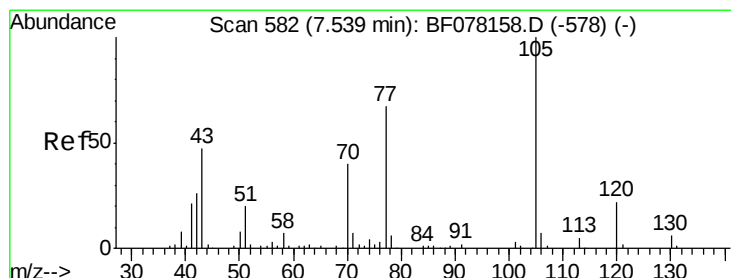
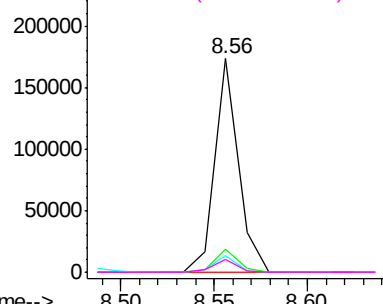


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.39 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:105 Resp: 143567

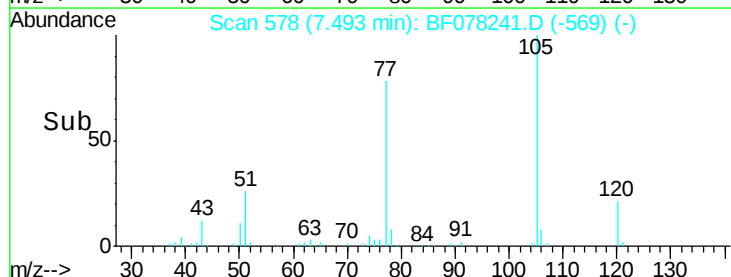
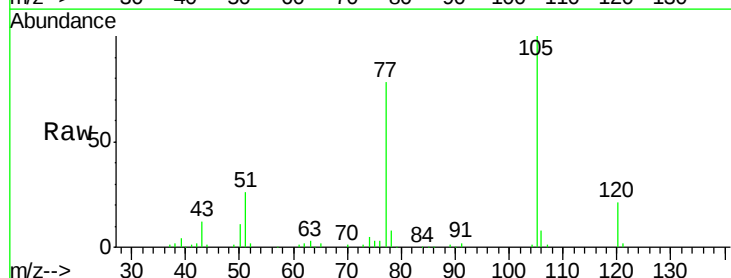
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 26.3 16.0 24.0#

120 20.7 17.8 26.6

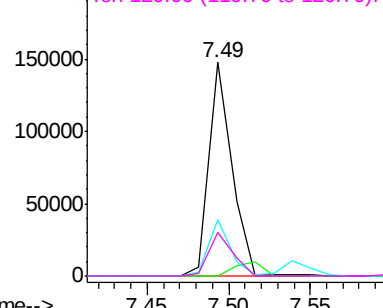


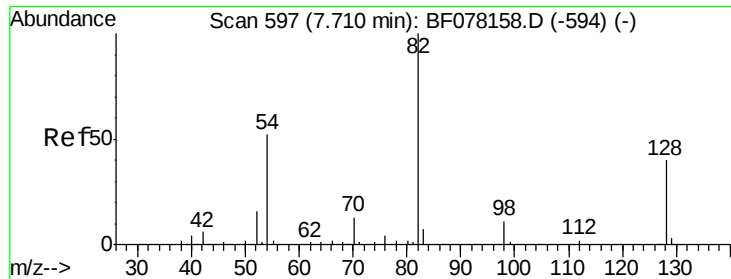
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

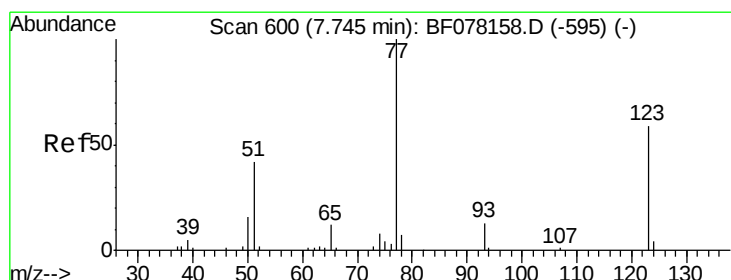
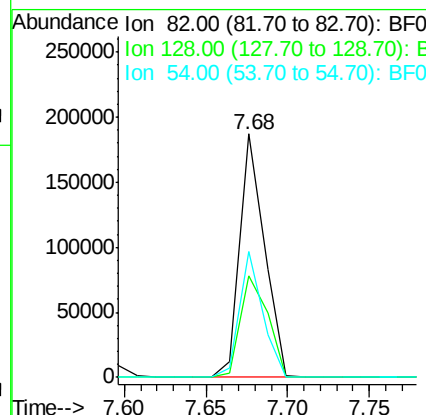
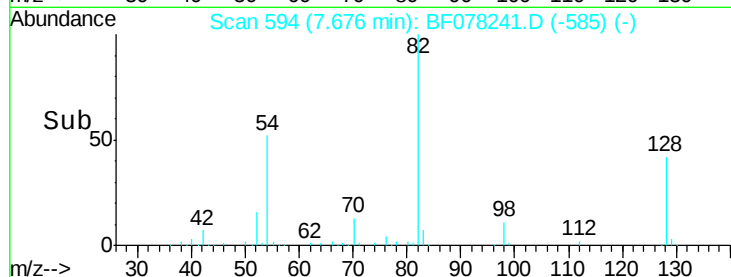
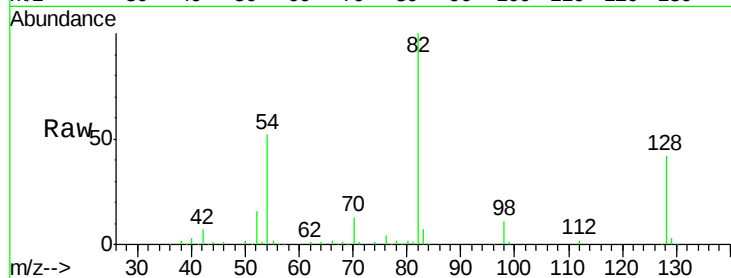




#23
 Nitrobenzene-d5
 Concen: 77.19 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

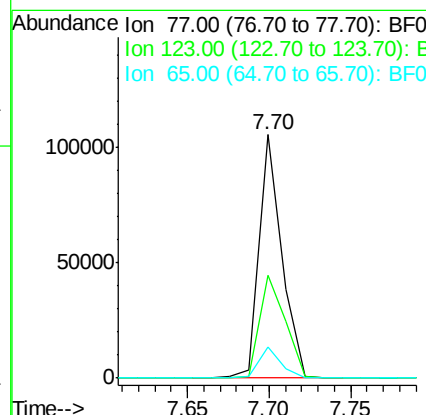
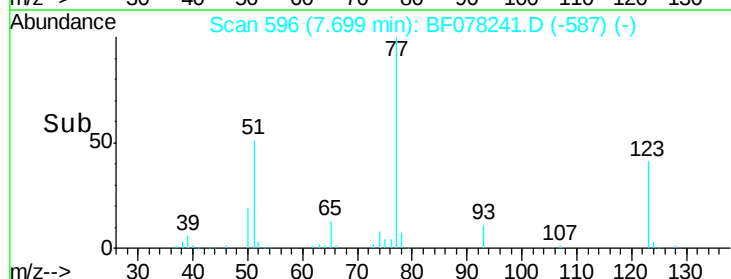
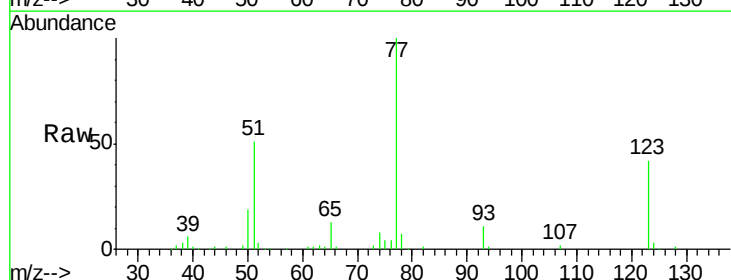
Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

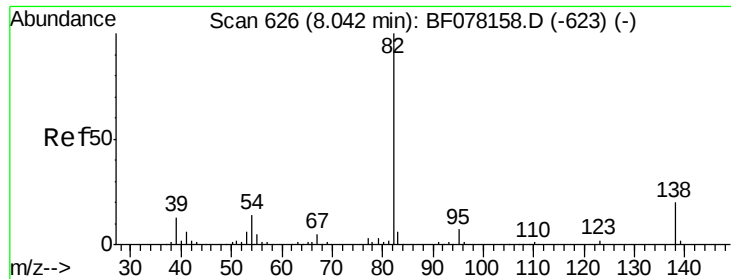
Tgt Ion: 82 Resp: 194259
 Ion Ratio Lower Upper
 82 100
 128 41.5 31.8 47.8
 54 51.7 41.5 62.3



#24
 Nitrobenzene
 Concen: 38.89 ng
 RT: 7.70 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion: 77 Resp: 102308
 Ion Ratio Lower Upper
 77 100
 123 42.1 46.9 70.3#
 65 12.6 9.5 14.3





#25

Isophorone

Concen: 40.52 ng

RT: 8.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampled :

PB82450BS

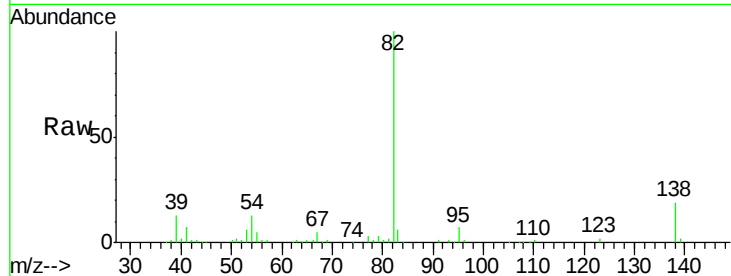
Tgt Ion: 82 Resp: 193556

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

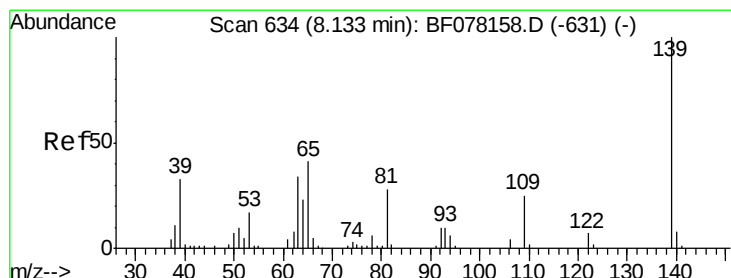
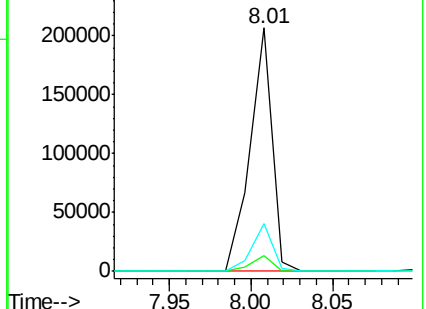
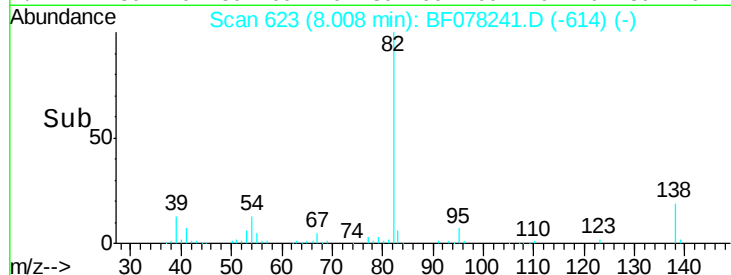
138 19.5 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.41 ng

RT: 8.10 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

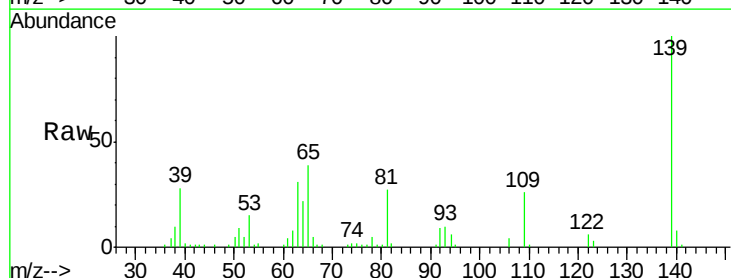
Tgt Ion: 139 Resp: 53176

Ion Ratio Lower Upper

139 100

109 25.6 19.8 29.8

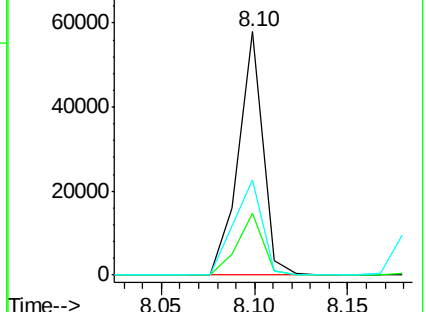
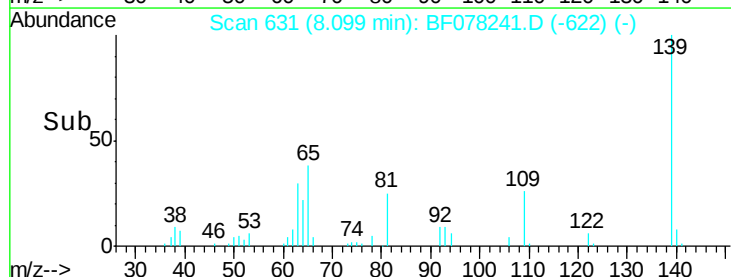
65 39.1 32.7 49.1

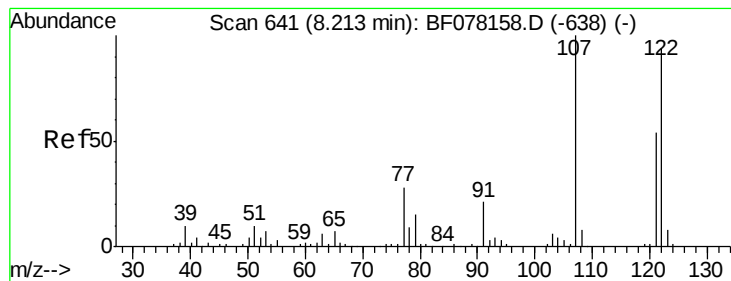


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.53 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

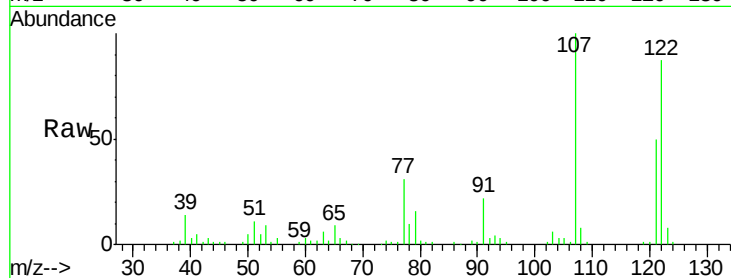
Tgt Ion:122 Resp: 92151

Ion Ratio Lower Upper

122 100

107 115.5 84.6 127.0

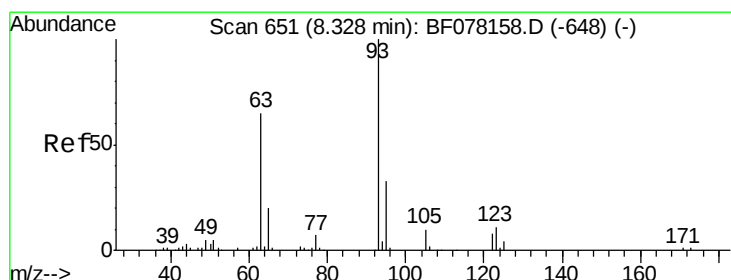
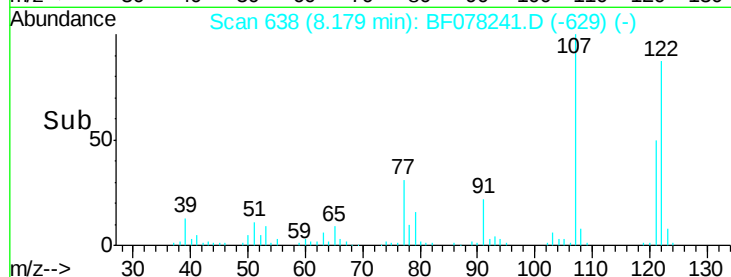
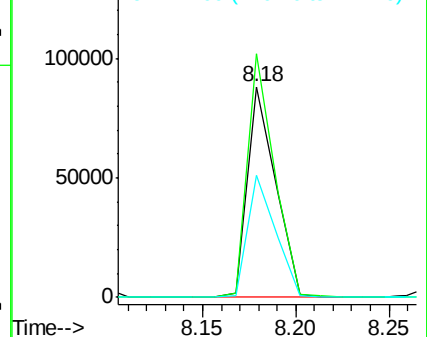
121 58.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.77 ng

RT: 8.29 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

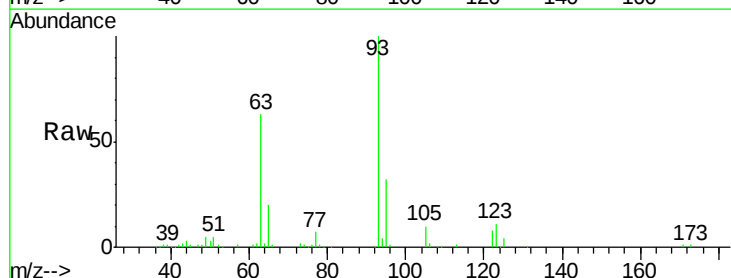
Tgt Ion: 93 Resp: 127918

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

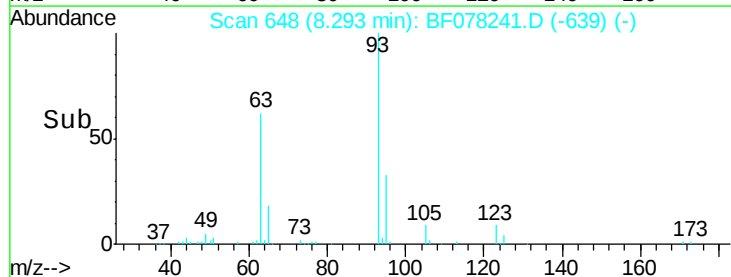
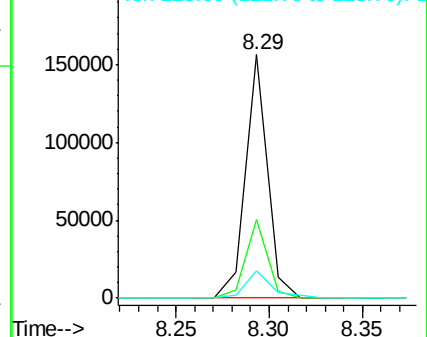
123 11.3 9.1 13.7

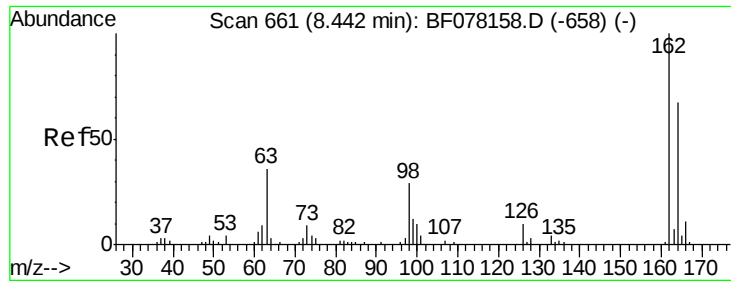


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

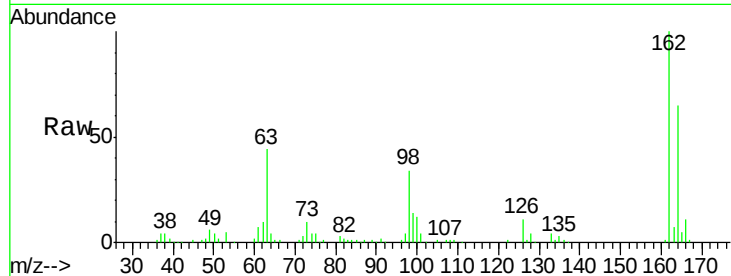




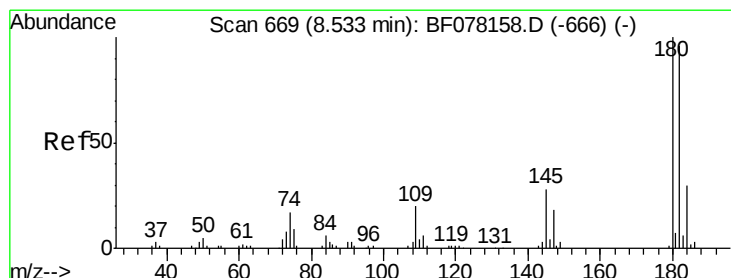
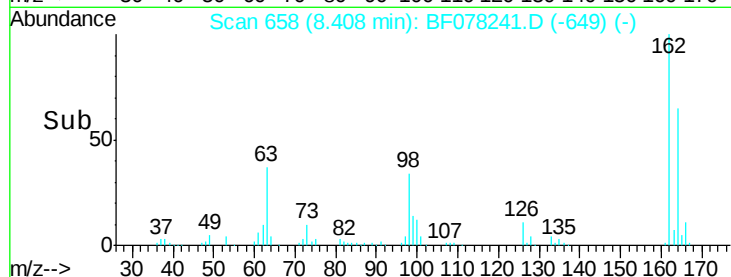
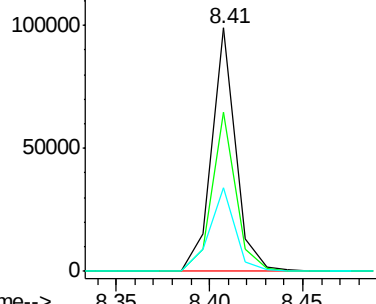
#29
 2,4-Dichlorophenol
 Concen: 41.81 ng
 RT: 8.41 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampled :
 PB82450BS

Tgt Ion:162 Resp: 88686
 Ion Ratio Lower Upper
 162 100
 164 65.5 47.0 87.0
 98 34.1 9.2 49.2

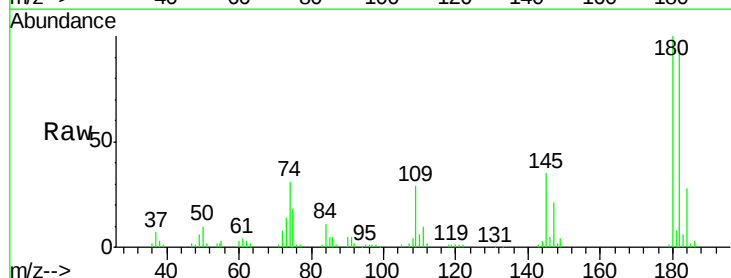


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

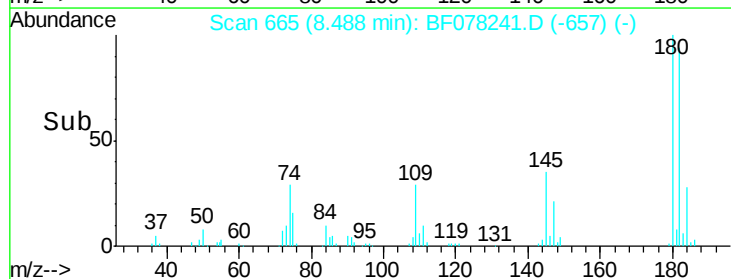
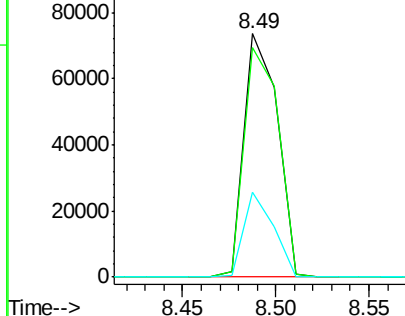


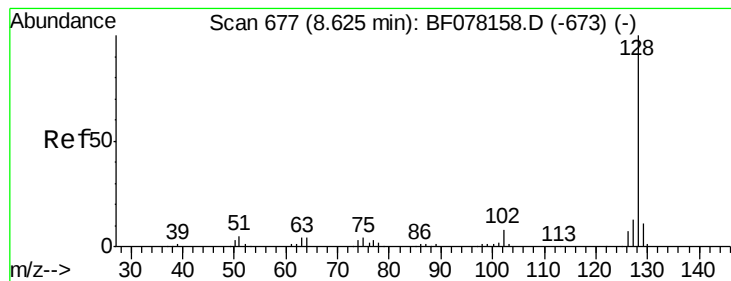
#30
 1,2,4-Trichlorobenzene
 Concen: 37.67 ng
 RT: 8.49 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:180 Resp: 91607
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.9 115.3
 145 34.7 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: 37.54 ng

RT: 8.58 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

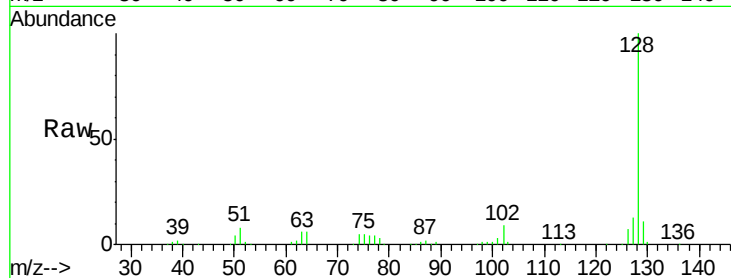
Tgt Ion:128 Resp: 298053

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

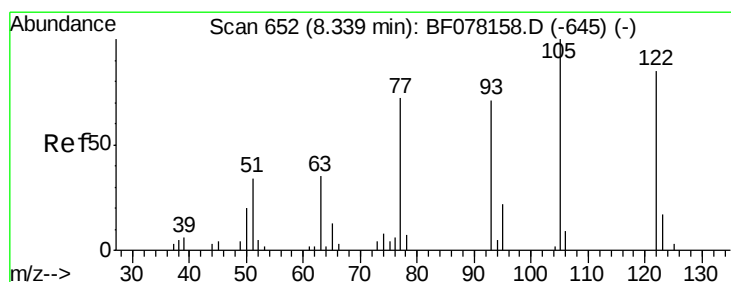
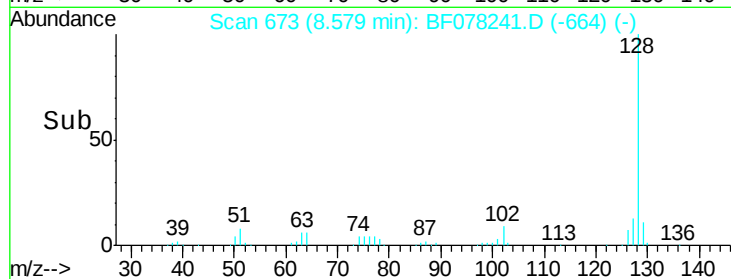
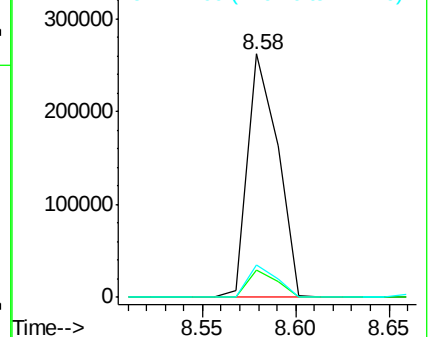
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.66 ng

RT: 8.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

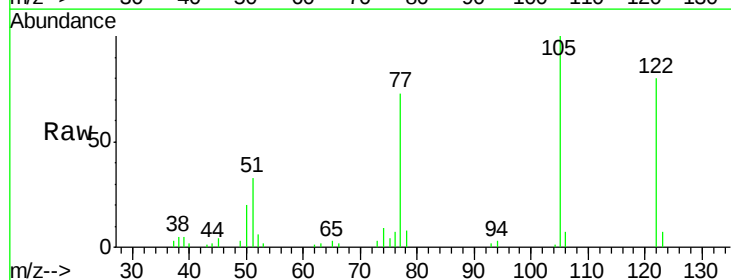
Tgt Ion:122 Resp: 55944

Ion Ratio Lower Upper

122 100

105 124.7 96.1 136.1

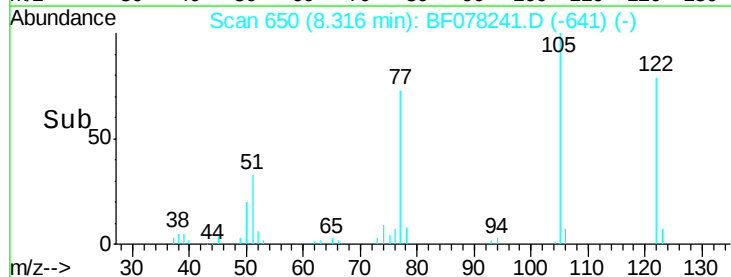
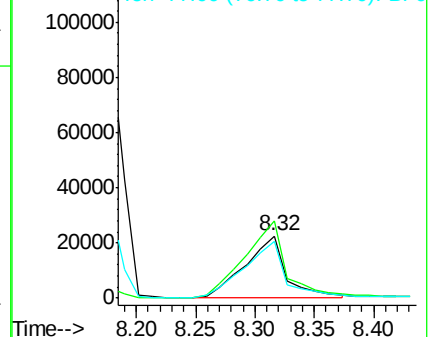
77 91.0 64.1 104.1

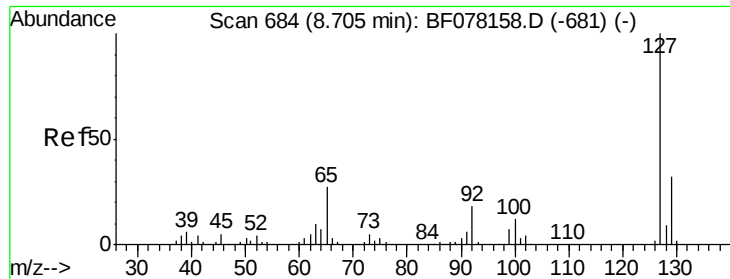


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

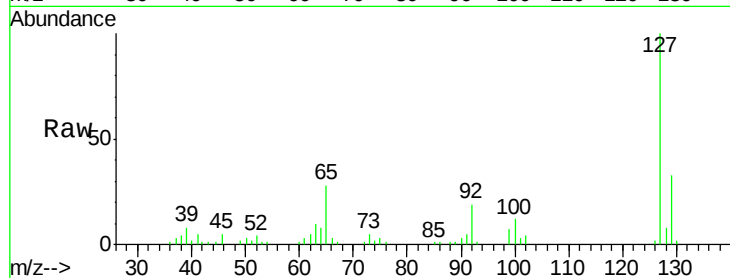




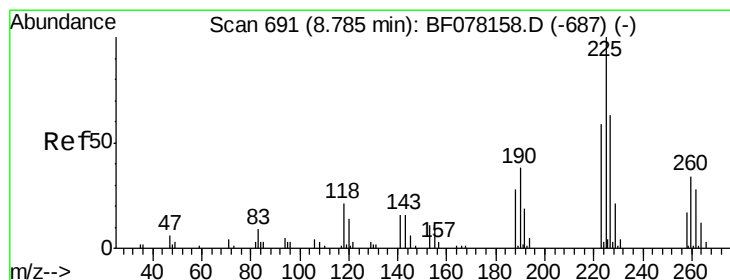
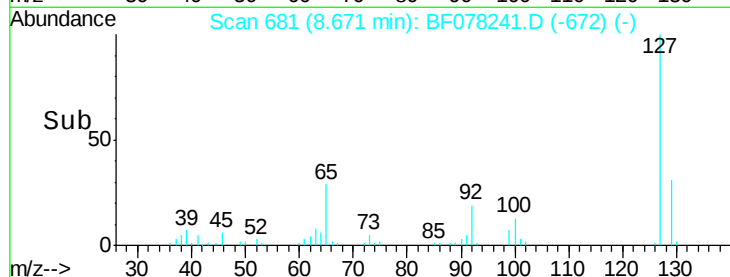
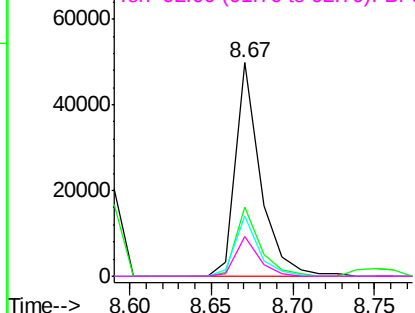
#33
 4-Chloroaniline
 Concen: 15.90 ng
 RT: 8.67 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion:	127	Resp:	52369
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.5	38.3
65	28.0	21.7	32.5
92	18.7	14.6	21.8

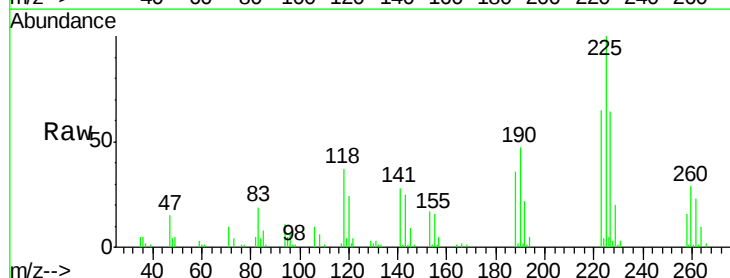


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

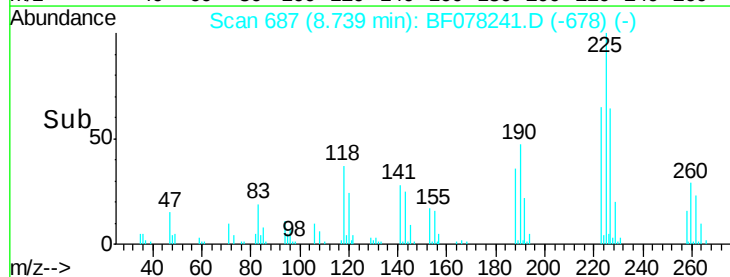
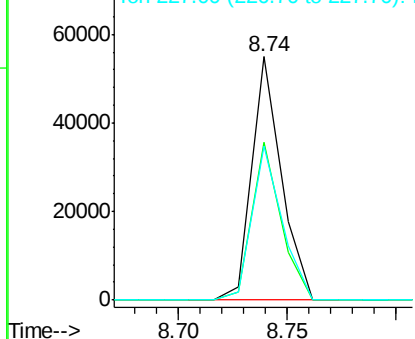


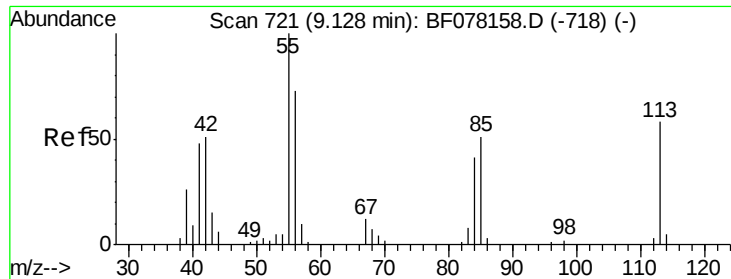
#34
 Hexachlorobutadiene
 Concen: 38.93 ng
 RT: 8.74 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:	225	Resp:	51979
Ion	Ratio	Lower	Upper
225	100		
223	64.9	47.5	71.3
227	63.5	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

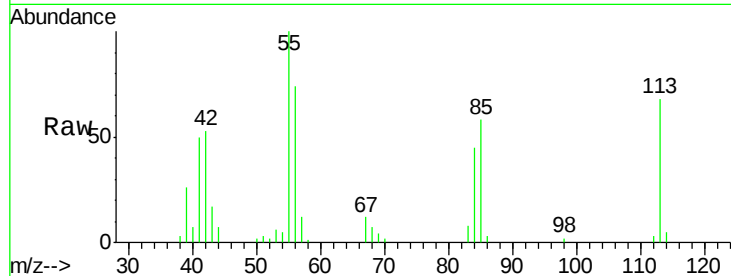




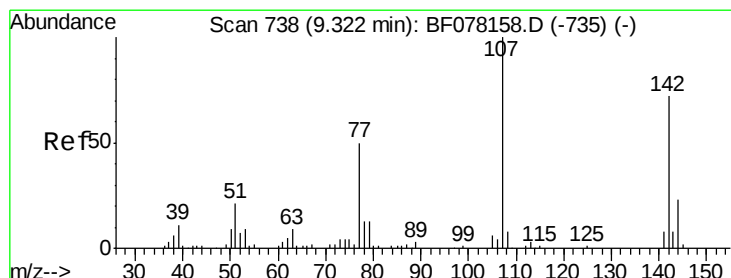
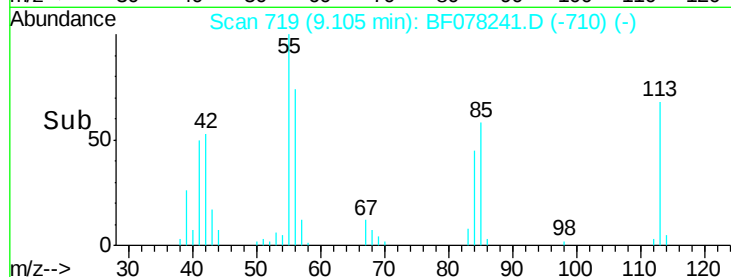
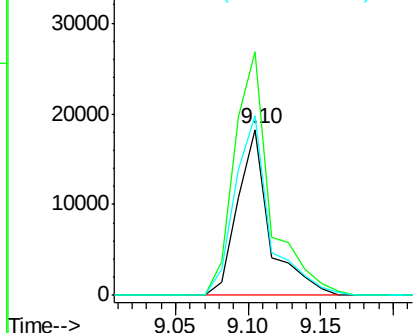
#35
 Caprolactam
 Concen: 44.35 ng
 RT: 9.10 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion:113 Resp: 28078
 Ion Ratio Lower Upper
 113 100
 55 147.0 151.9 191.9#
 56 108.9 106.1 146.1

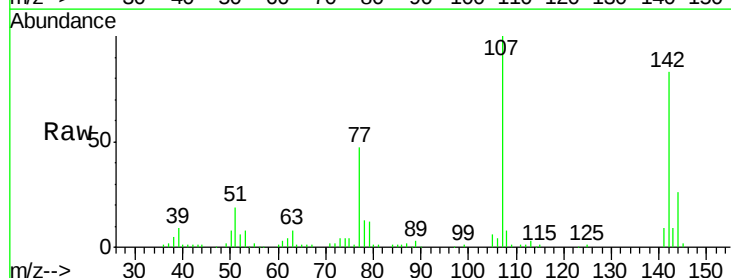


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

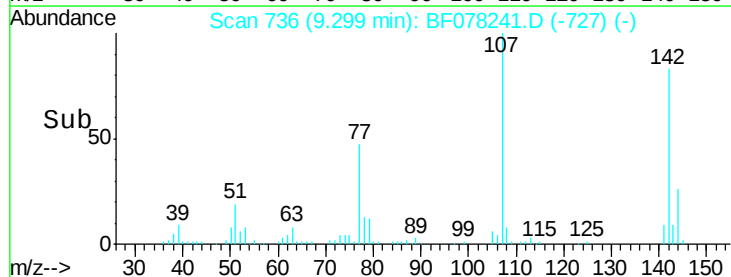
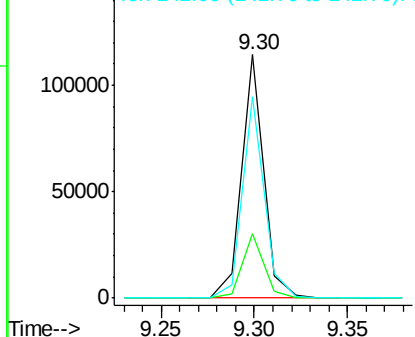


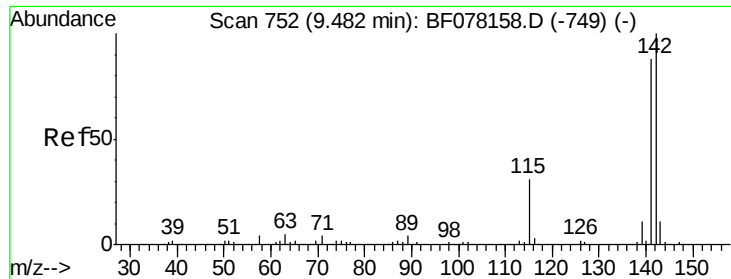
#36
 4-Chloro-3-methylphenol
 Concen: 44.30 ng
 RT: 9.30 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:107 Resp: 94811
 Ion Ratio Lower Upper
 107 100
 144 26.4 18.2 27.2
 142 82.7 58.0 87.0



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

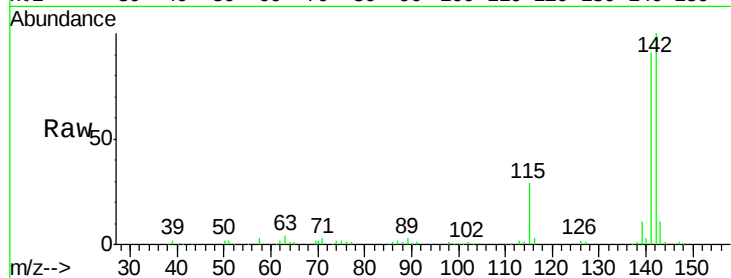




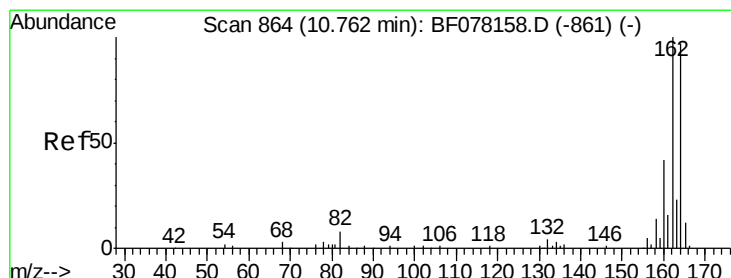
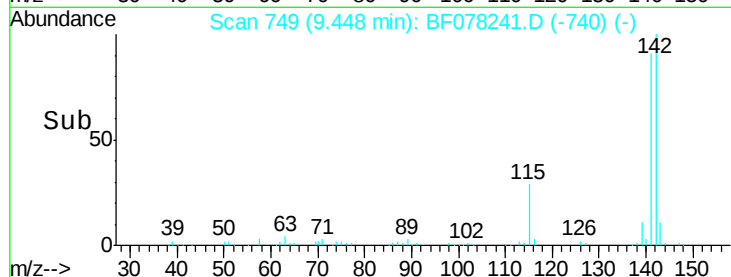
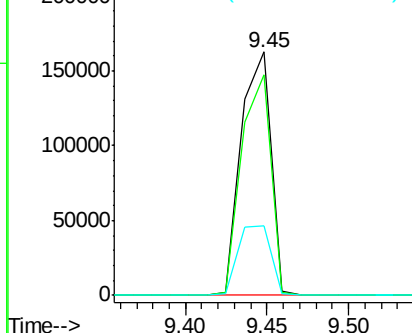
#37
 2-Methylnaphthalene
 Concen: 38.06 ng
 RT: 9.45 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion:142 Resp: 205159
 Ion Ratio Lower Upper
 142 100
 141 90.6 70.3 105.5
 115 28.6 24.6 37.0

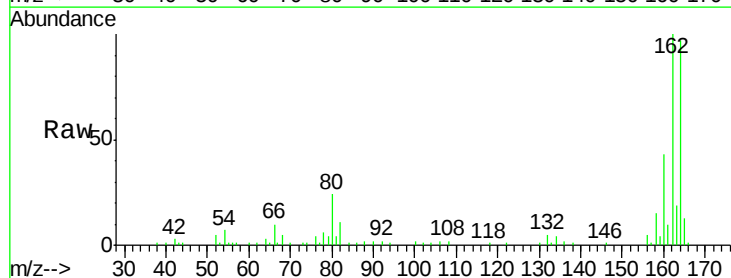


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

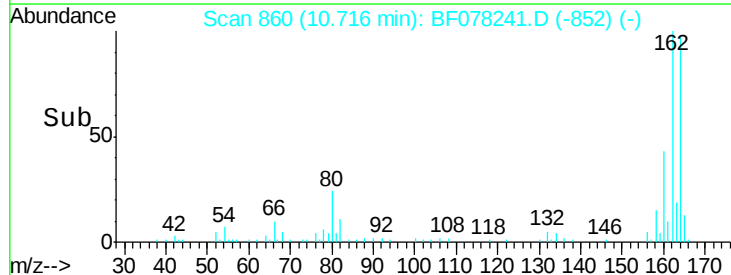
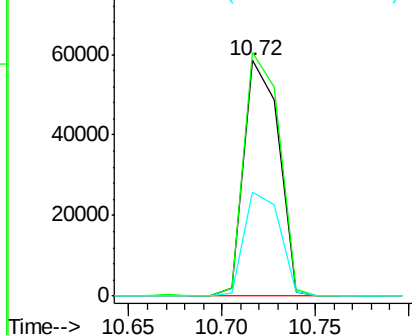


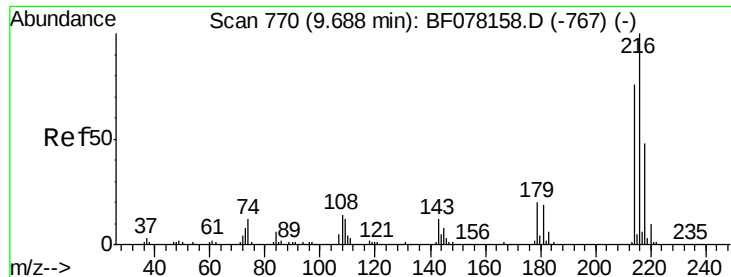
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:164 Resp: 75299
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.2 123.2
 160 44.1 34.7 52.1



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

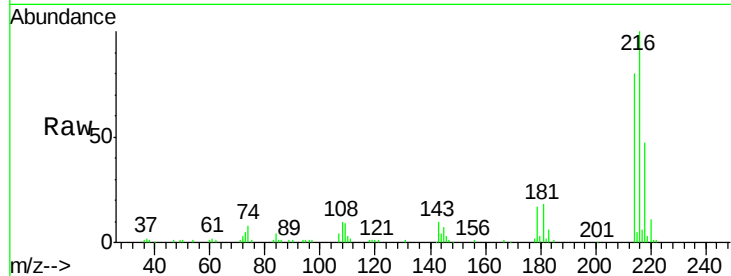




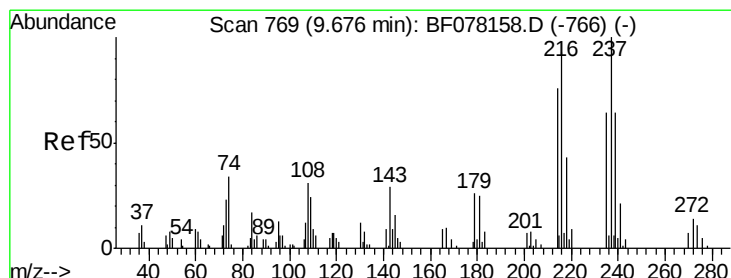
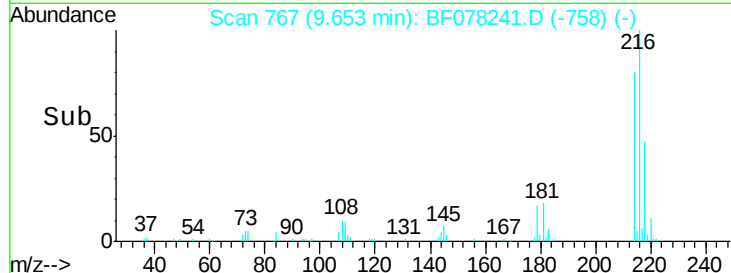
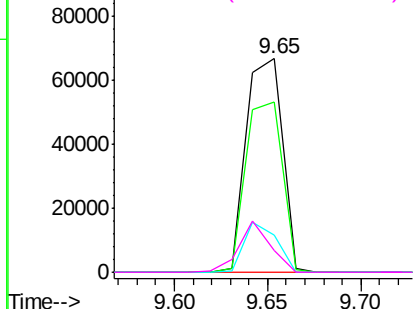
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.69 ng
 RT: 9.65 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion:	216	Resp:	90273
Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.0	93.0
179	20.9	17.3	25.9
108	20.5	14.6	21.8

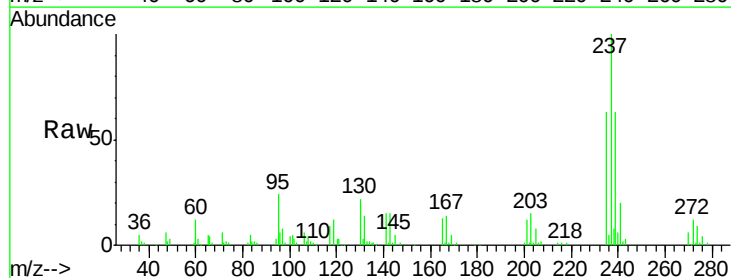


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

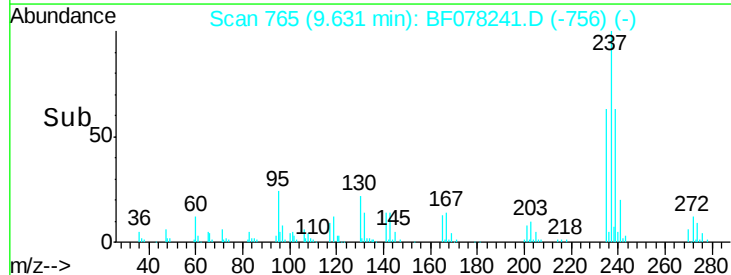
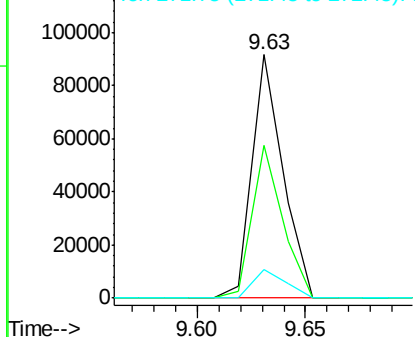


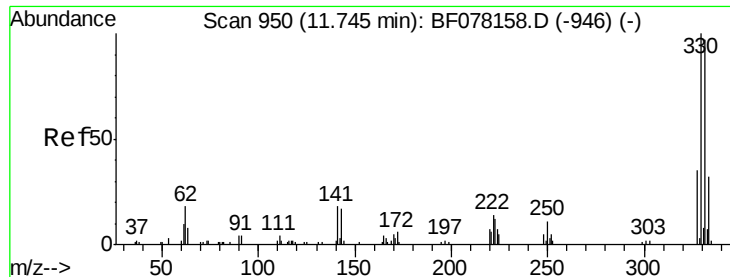
#40
 Hexachlorocyclopentadiene
 Concen: 89.20 ng
 RT: 9.63 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:	237	Resp:	90458
Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.1	84.1
272	11.6	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

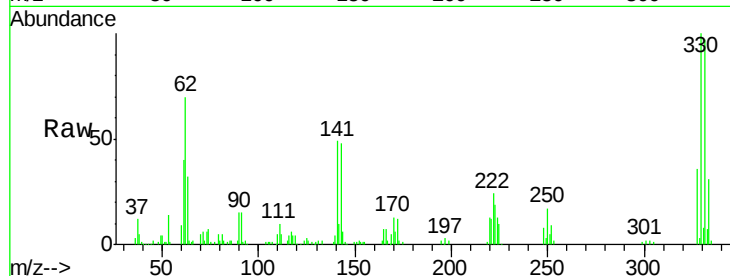




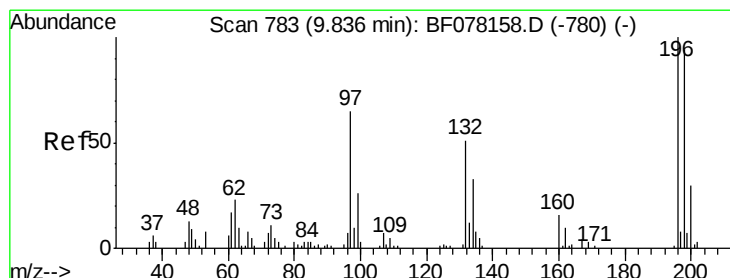
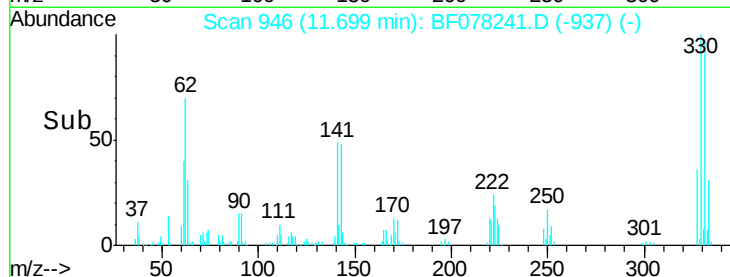
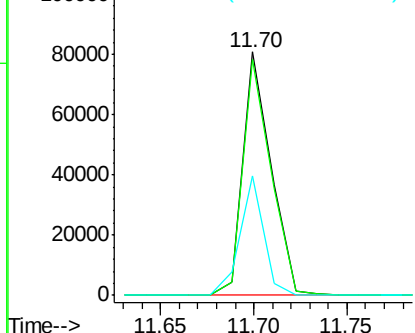
#41
 2,4,6-Tribromophenol
 Concen: 136.44 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion:330 Resp: 85208
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 117.8
 141 41.7 31.2 46.8

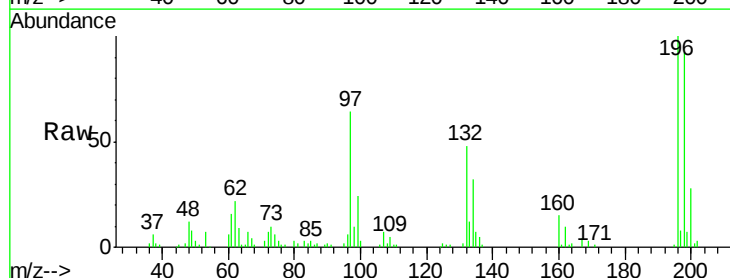


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

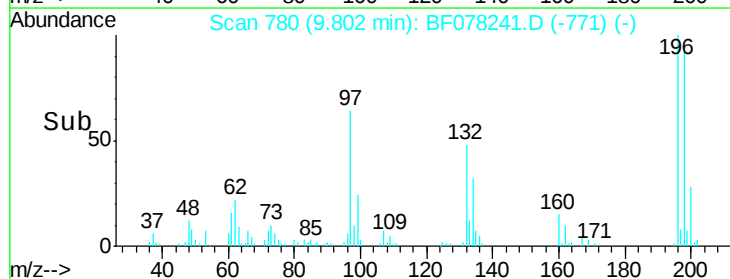
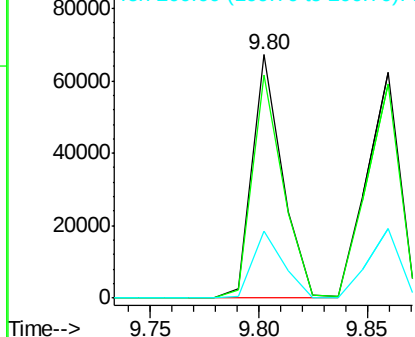


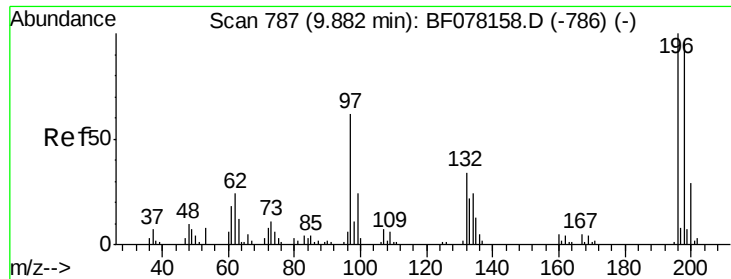
#42
 2,4,6-Trichlorophenol
 Concen: 44.28 ng
 RT: 9.80 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:196 Resp: 65147
 Ion Ratio Lower Upper
 196 100
 198 91.7 75.4 113.2
 200 27.7 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

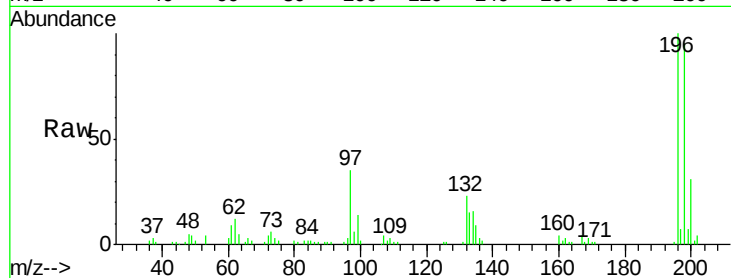




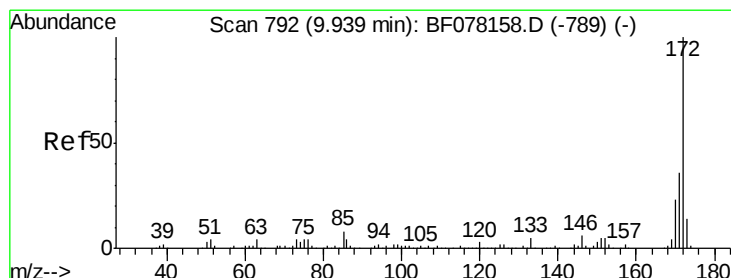
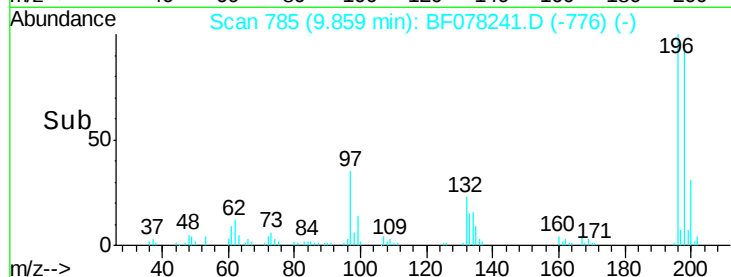
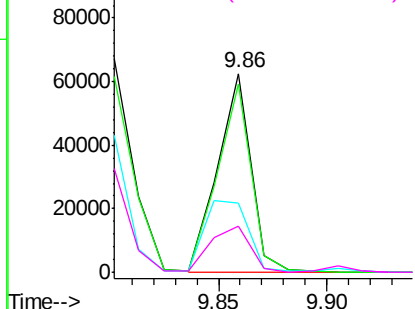
#43
 2,4,5-Trichlorophenol
 Concen: 43.39 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion:196 Resp: 66703
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.6 115.0
 97 34.8 50.6 75.8#
 132 23.2 27.7 41.5#



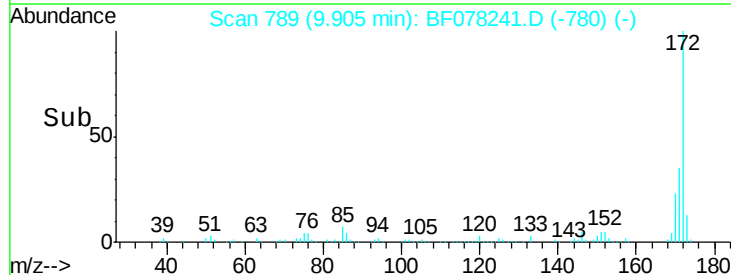
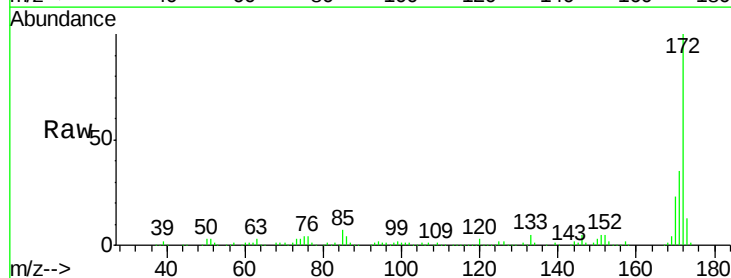
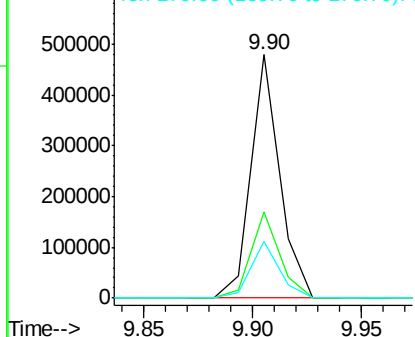
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

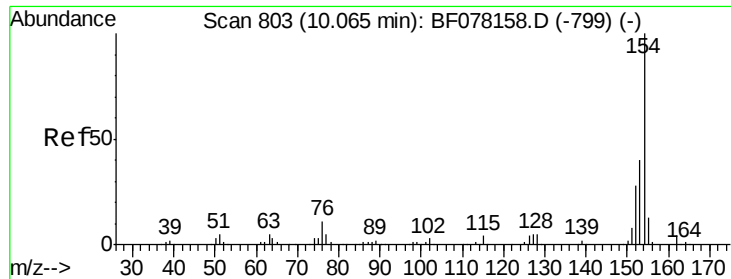


#44
 2-Fluorobiphenyl
 Concen: 83.26 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:172 Resp: 438610
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.4 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

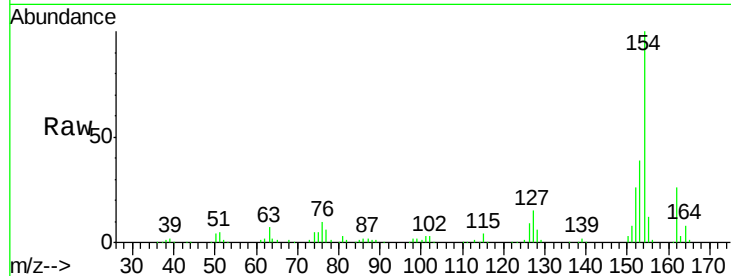




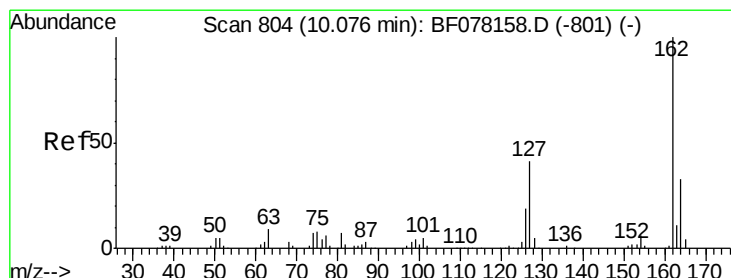
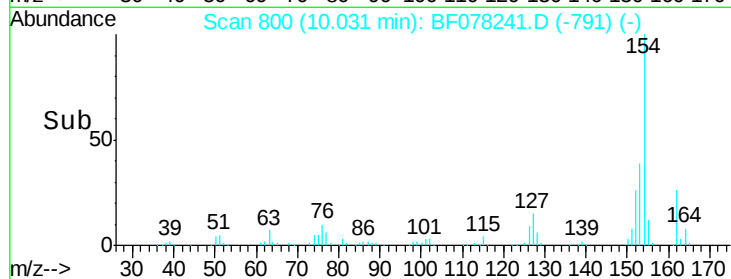
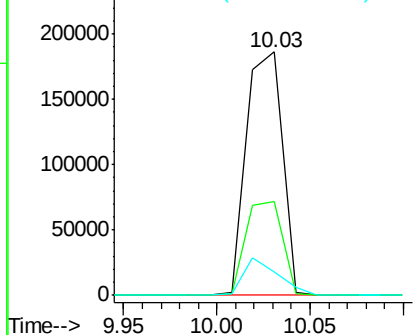
#45
 1,1'-Biphenyl
 Concen: 40.53 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion:154 Resp: 249650
 Ion Ratio Lower Upper
 154 100
 153 38.7 20.0 60.0
 76 9.9 0.0 30.6

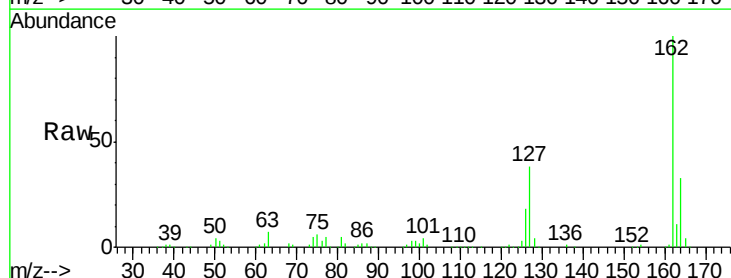


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

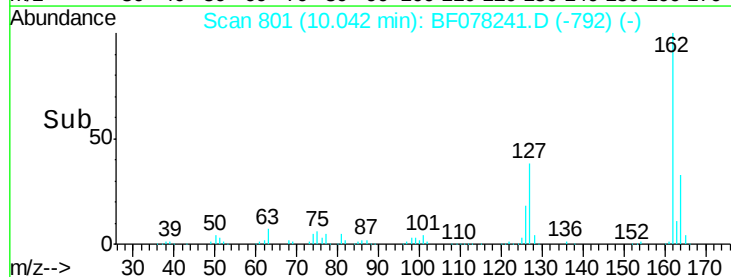
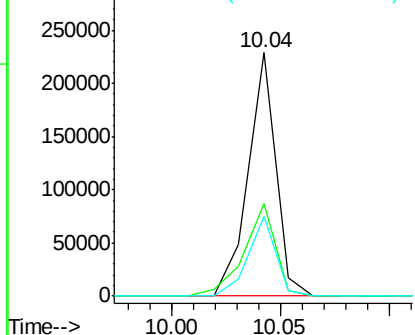


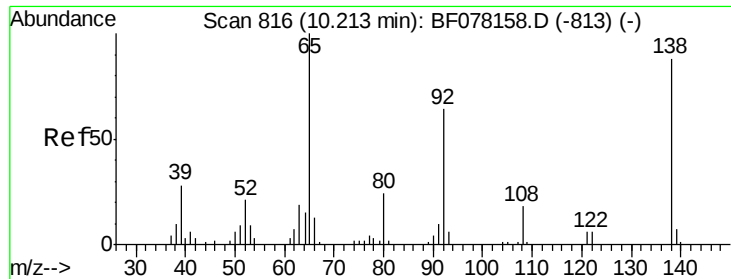
#46
 2-Chloronaphthalene
 Concen: 41.74 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:162 Resp: 202285
 Ion Ratio Lower Upper
 162 100
 127 38.1 32.6 49.0
 164 33.0 26.0 39.0



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

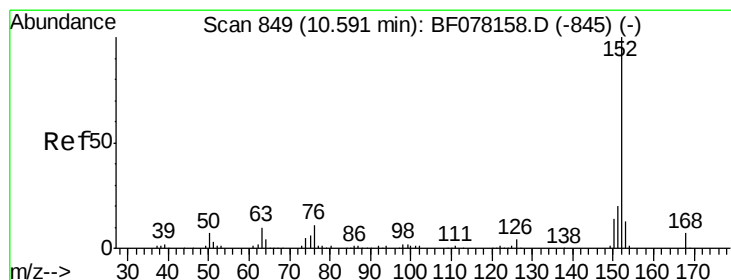
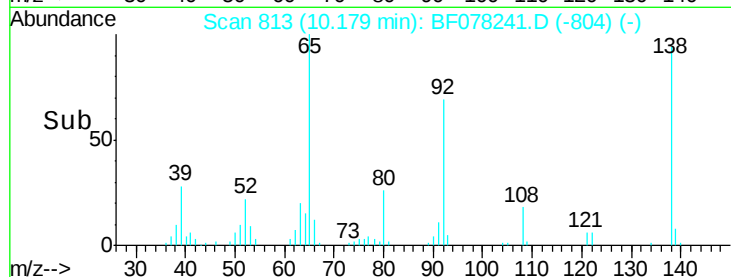
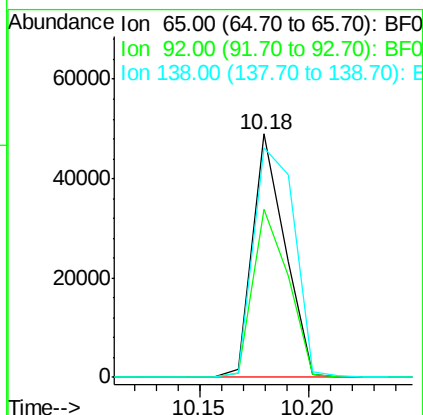
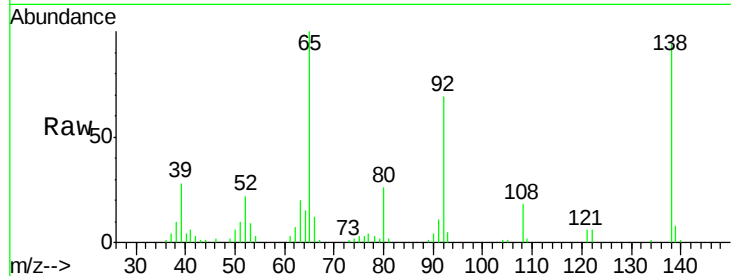




#47
2-Nitroaniline
Concen: 42.72 ng
RT: 10.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

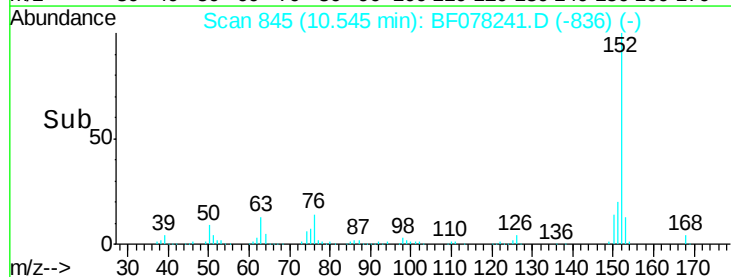
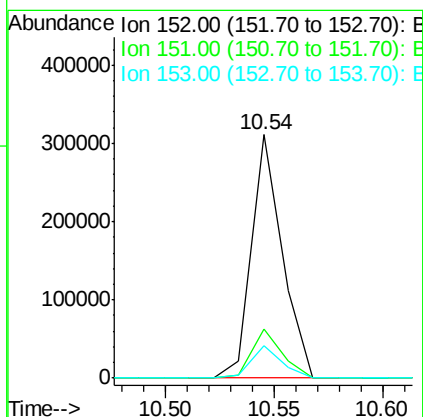
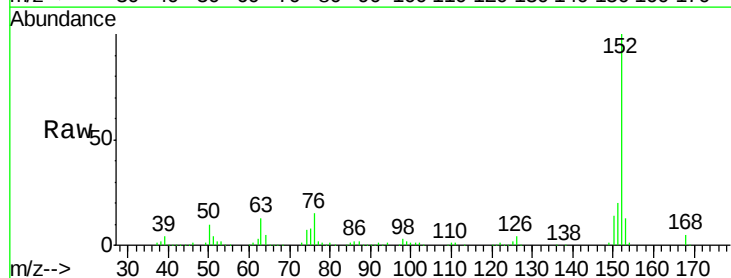
Instrument :
BNA_F
ClientSampleId :
PB82450BS

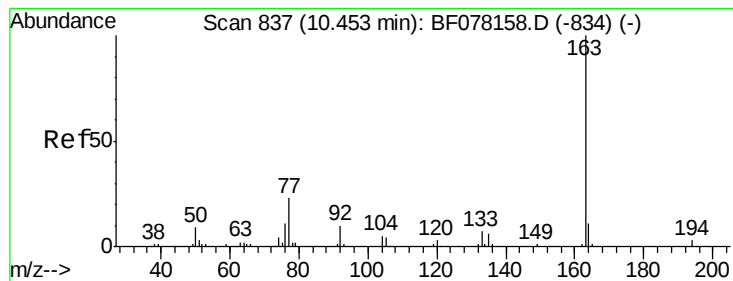
Tgt Ion: 65 Resp: 51222
Ion Ratio Lower Upper
65 100
92 69.0 51.3 76.9
138 94.2 70.4 105.6



#48
Acenaphthylene
Concen: 39.13 ng
RT: 10.54 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion: 152 Resp: 306215
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.2 10.2 15.2





#49

Dimethylphthalate

Concen: 39.35 ng

RT: 10.42 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

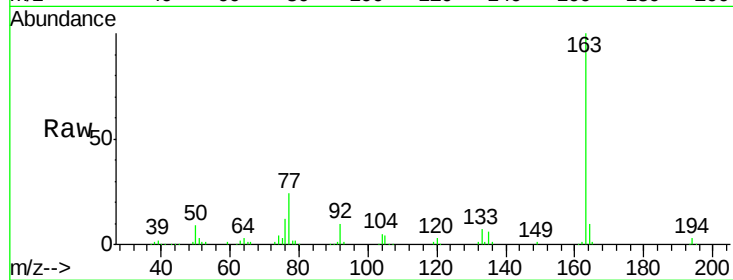
Tgt Ion:163 Resp: 222587

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

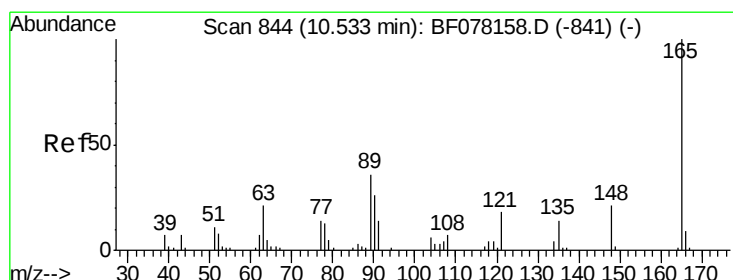
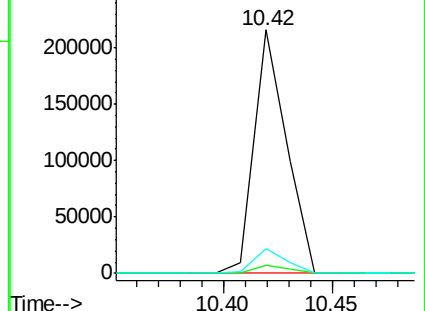
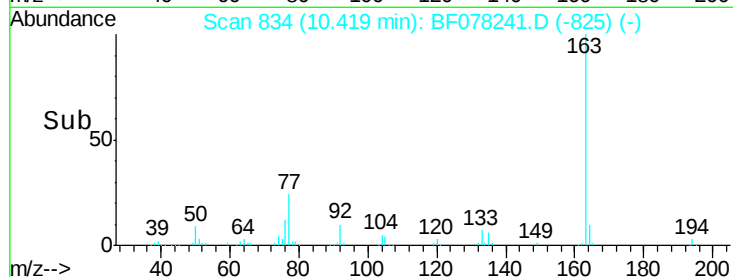
164 10.4 8.6 13.0



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: 40.72 ng

RT: 10.49 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

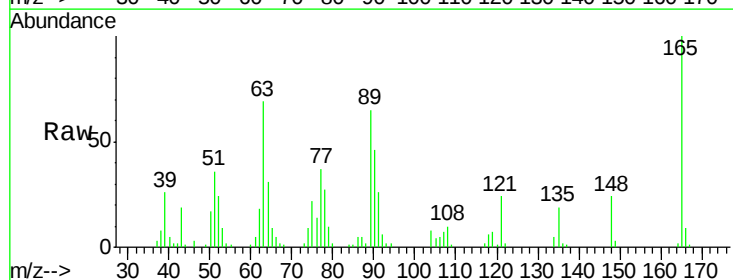
Tgt Ion:165 Resp: 47398

Ion Ratio Lower Upper

165 100

63 68.6 24.1 36.1#

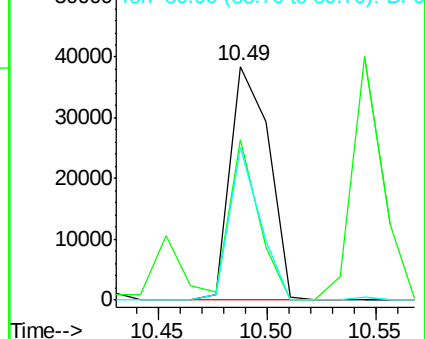
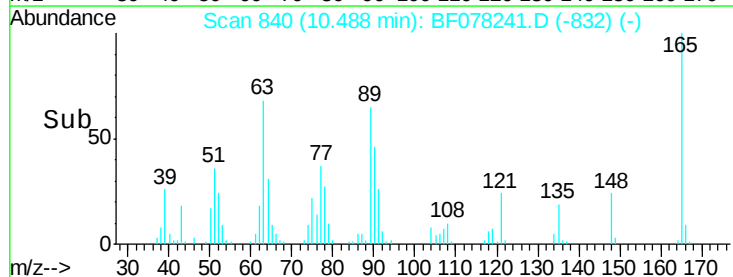
89 65.1 28.9 43.3#

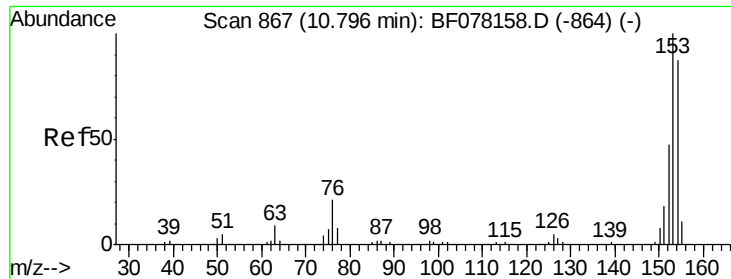


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.77 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

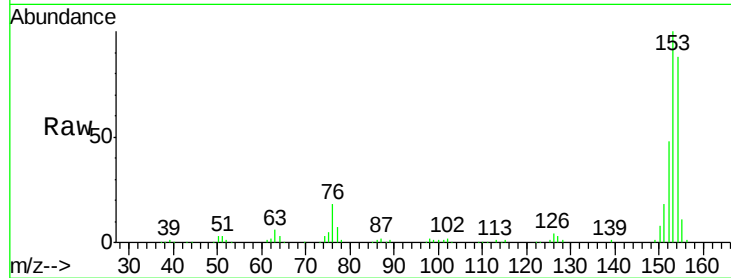
Tgt Ion:154 Resp: 184050

Ion Ratio Lower Upper

154 100

153 113.5 91.4 137.2

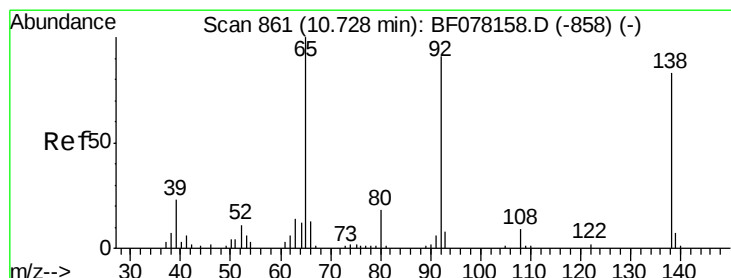
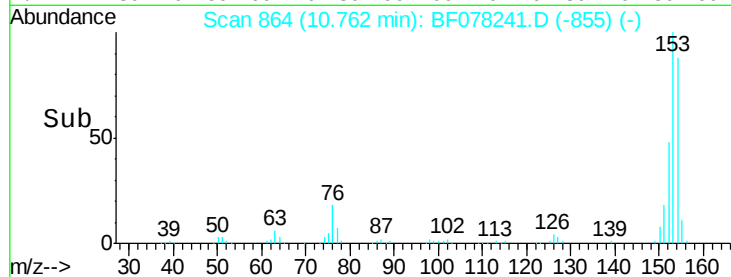
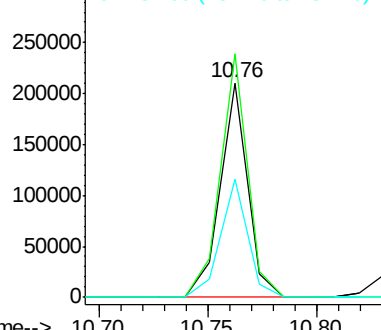
152 54.9 43.0 64.6



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: 22.16 ng

RT: 10.69 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

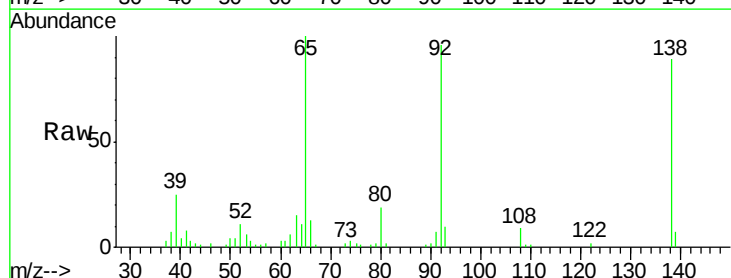
Tgt Ion:138 Resp: 29324

Ion Ratio Lower Upper

138 100

108 9.7 8.2 12.4

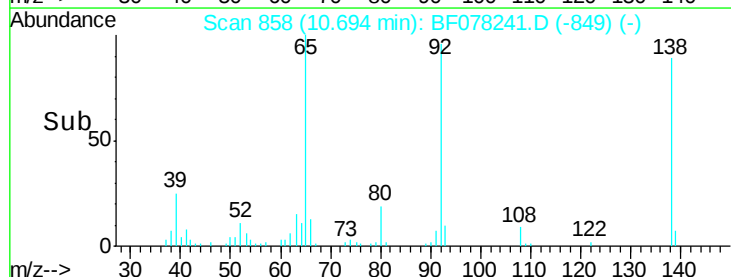
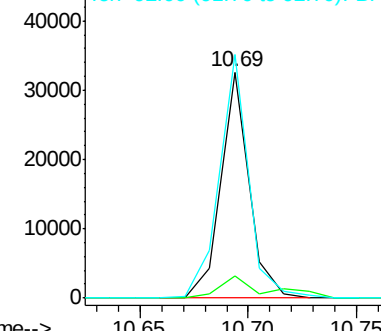
92 107.8 88.4 132.6

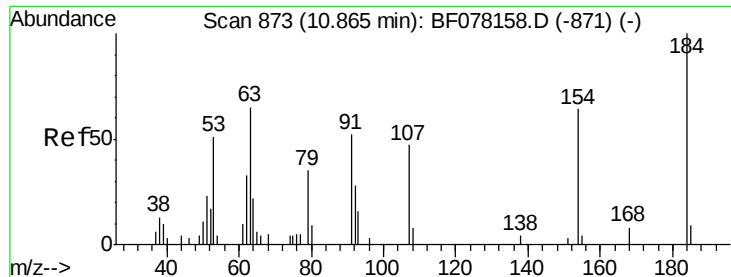


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

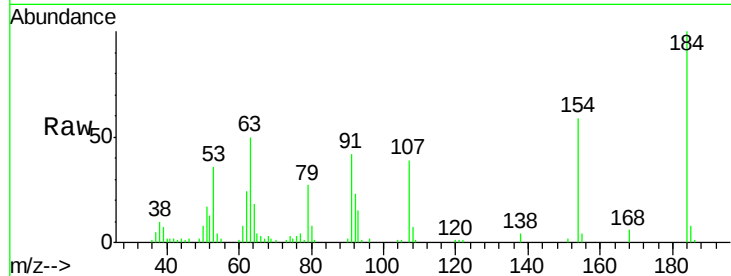




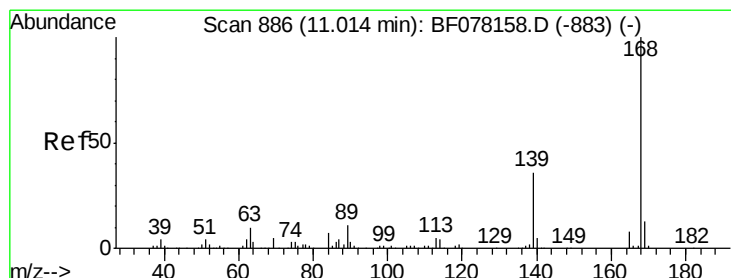
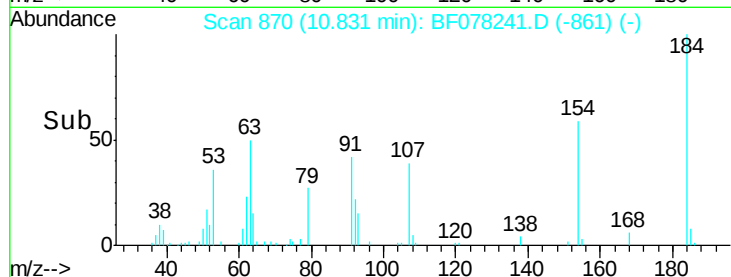
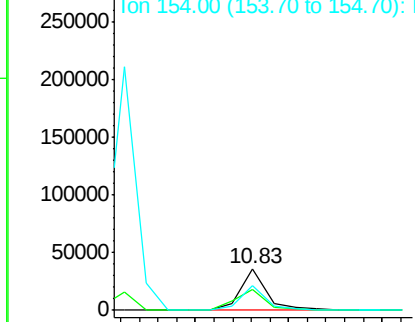
#53
 2,4-Dinitrophenol
 Concen: 78.77 ng
 RT: 10.83 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion:184 Resp: 35386
 Ion Ratio Lower Upper
 184 100
 63 50.1 51.9 77.9#
 154 59.2 51.0 76.4

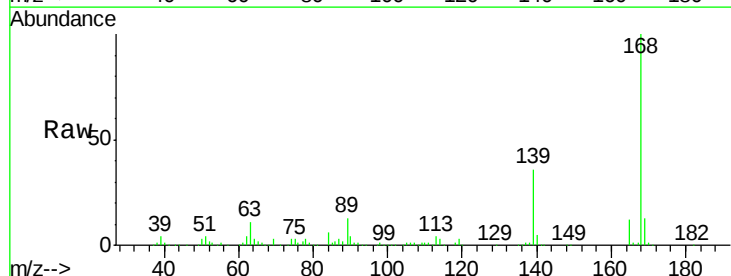


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

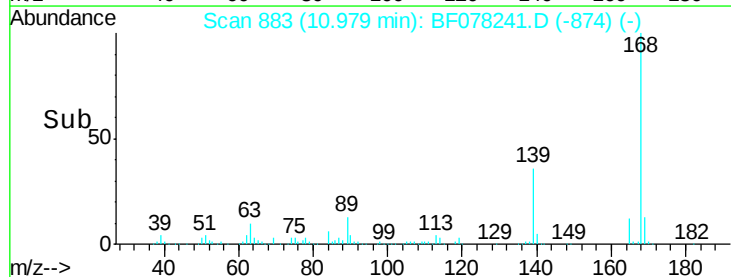
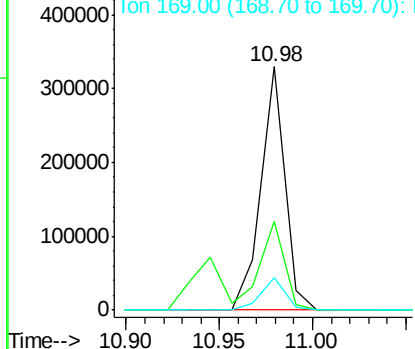


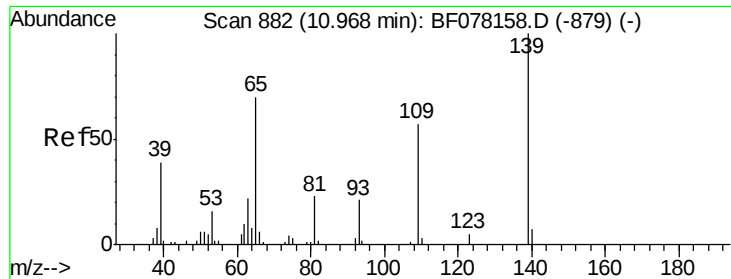
#54
 Dibenzofuran
 Concen: 43.40 ng
 RT: 10.98 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:168 Resp: 292056
 Ion Ratio Lower Upper
 168 100
 139 36.4 31.0 46.4
 169 13.2 10.7 16.1



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

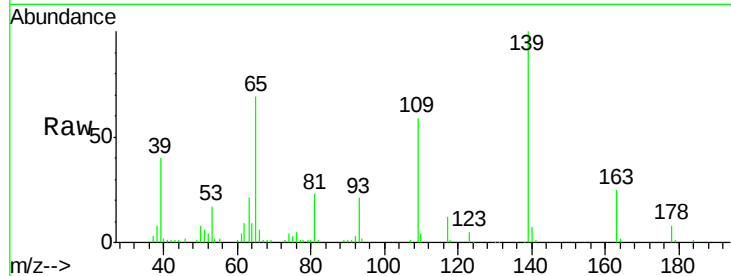




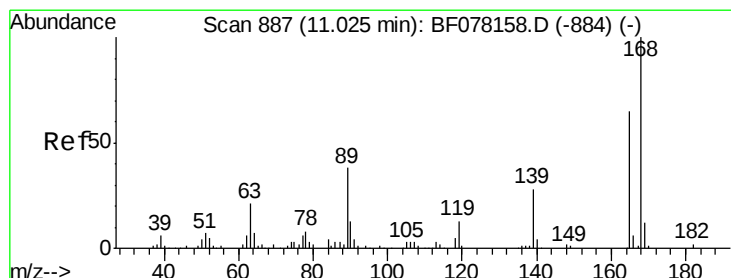
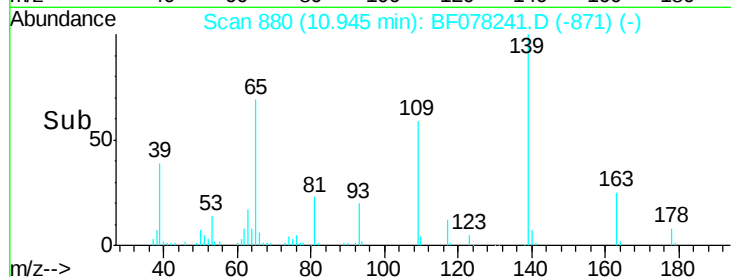
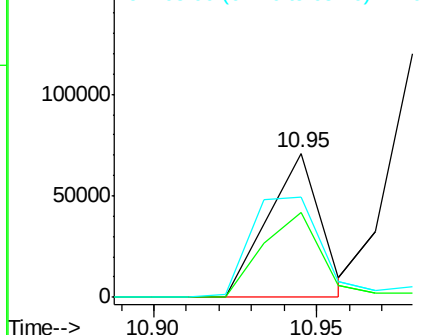
#55
4-Nitrophenol
Concen: 82.16 ng
RT: 10.95 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tgt Ion:139 Resp: 80136
Ion Ratio Lower Upper
139 100
109 58.7 36.7 76.7
65 69.5 49.9 89.9

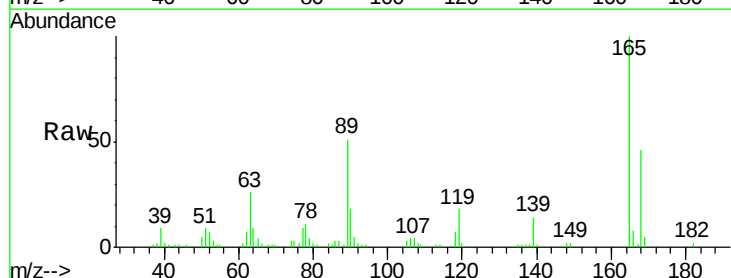


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

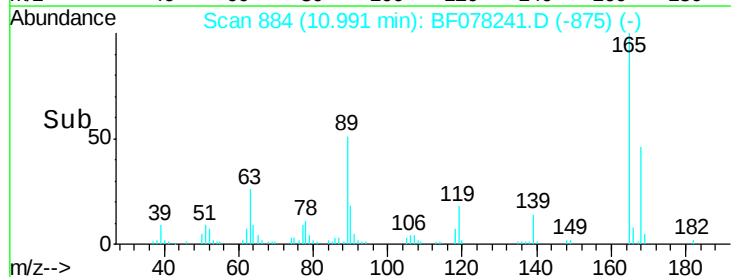
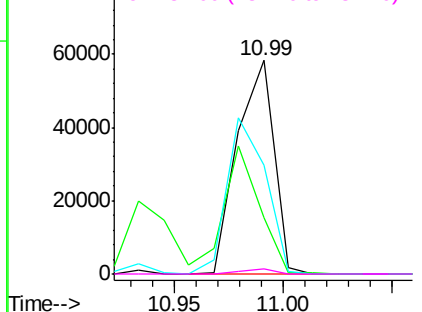


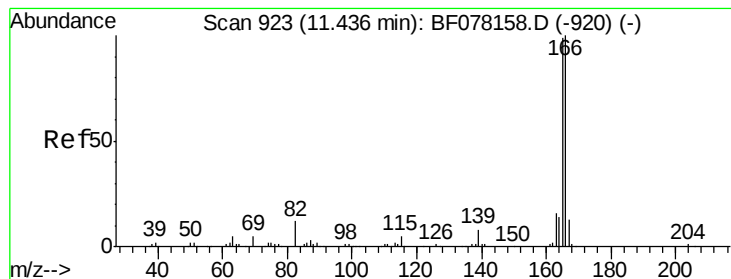
#56
2,4-Dinitrotoluene
Concen: 45.39 ng
RT: 10.99 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion:165 Resp: 68422
Ion Ratio Lower Upper
165 100
63 26.3 26.5 39.7#
89 50.8 46.4 69.6
182 2.5 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.32 ng

RT: 11.40 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

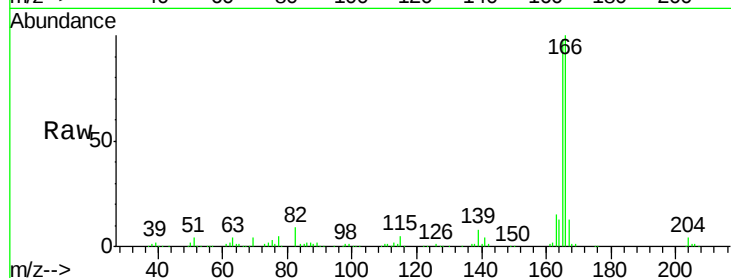
Tgt Ion:166 Resp: 236296

Ion Ratio Lower Upper

166 100

165 98.0 78.9 118.3

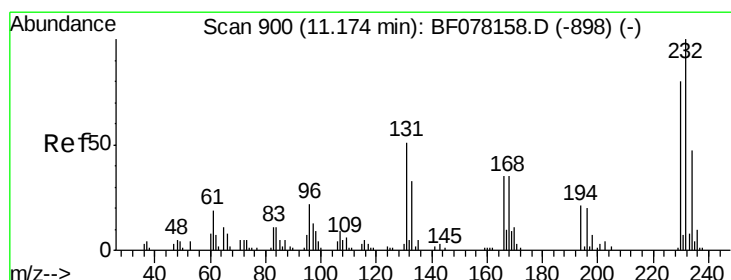
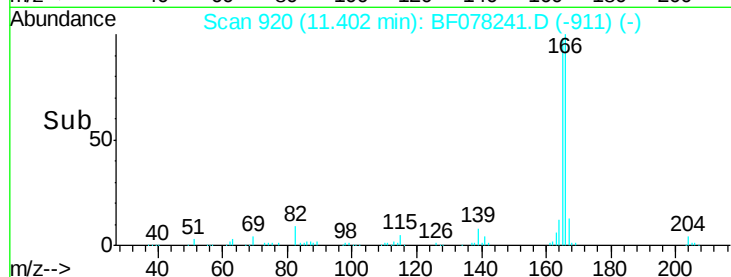
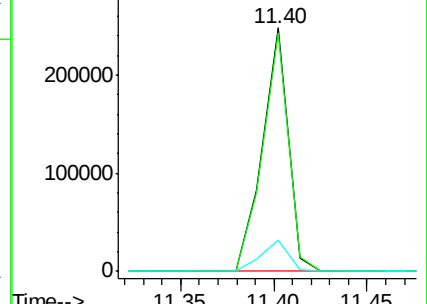
167 12.7 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.53 ng

RT: 11.14 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:232 Resp: 53025

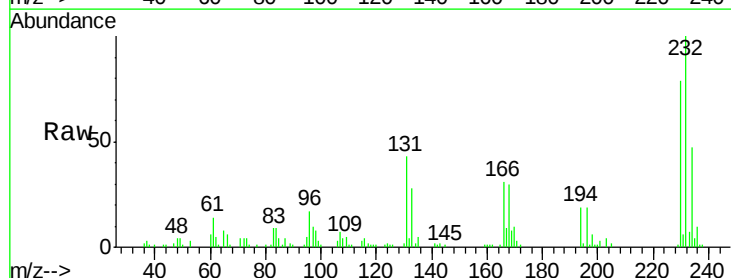
Ion Ratio Lower Upper

232 100

131 47.6 37.8 56.8

130 2.0 1.5 2.3

166 32.8 25.8 38.6

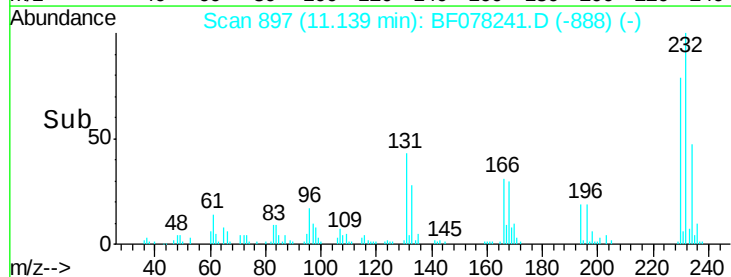
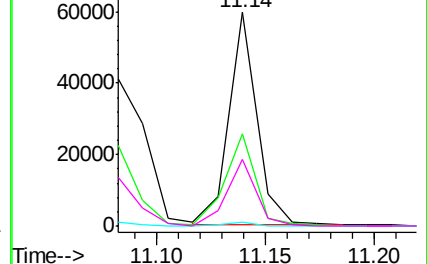


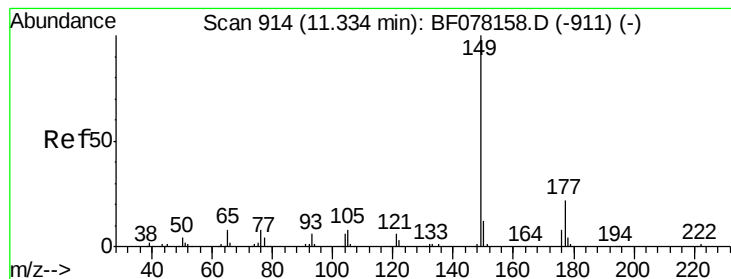
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.69 ng

RT: 11.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

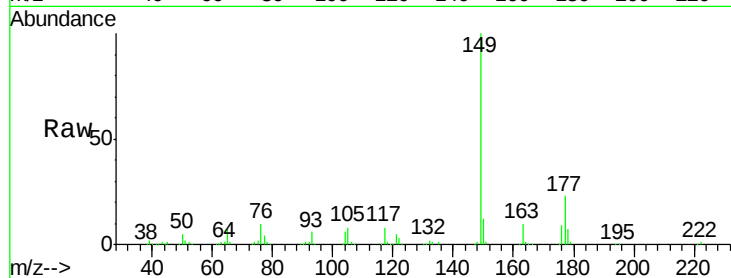
Tgt Ion:149 Resp: 238322

Ion Ratio Lower Upper

149 100

177 22.7 17.4 26.2

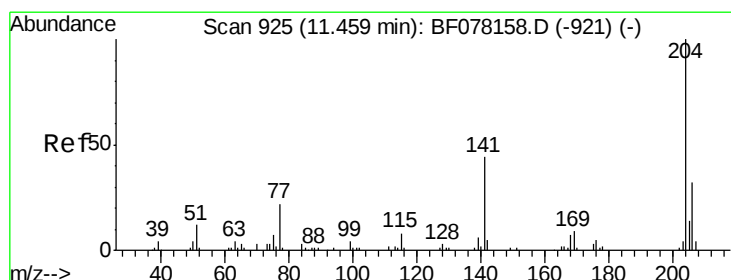
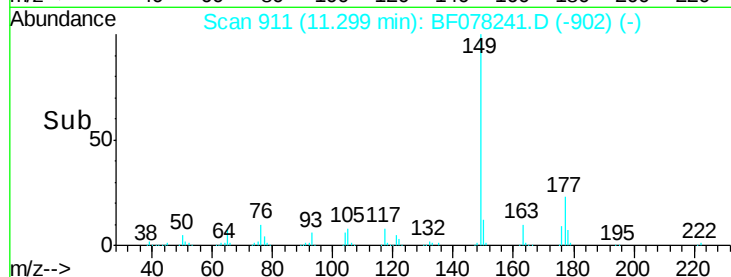
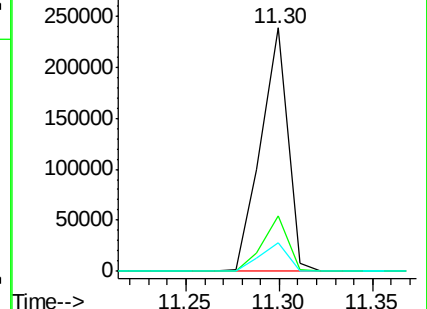
150 11.7 9.4 14.2



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: 42.69 ng

RT: 11.41 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

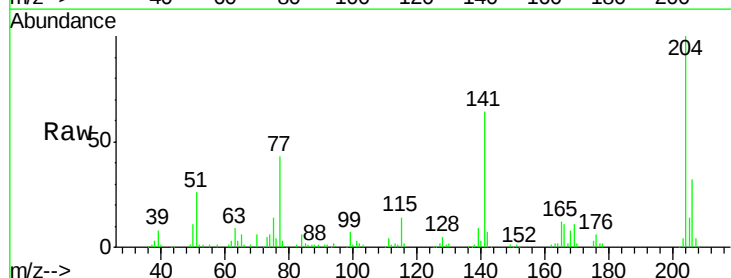
Tgt Ion:204 Resp: 107126

Ion Ratio Lower Upper

204 100

206 32.2 25.6 38.4

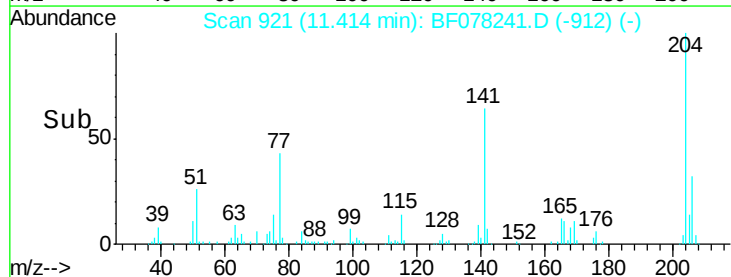
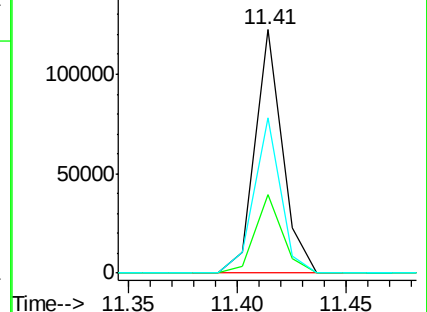
141 64.0 35.4 53.0#

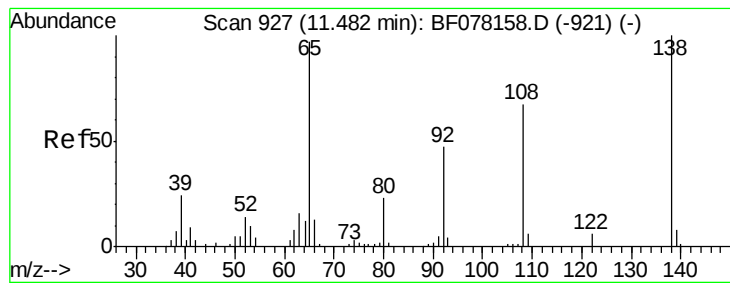


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.82 ng

RT: 11.45 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

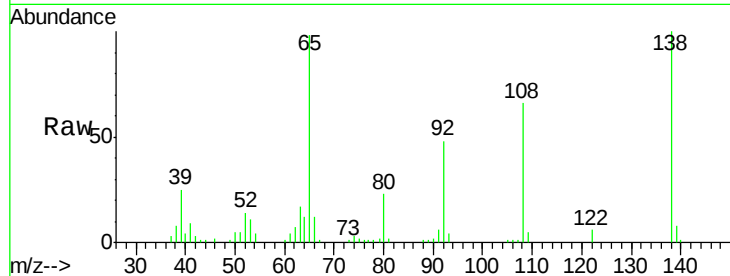
Tgt Ion:138 Resp: 49263

Ion Ratio Lower Upper

138 100

92 47.7 27.3 67.3

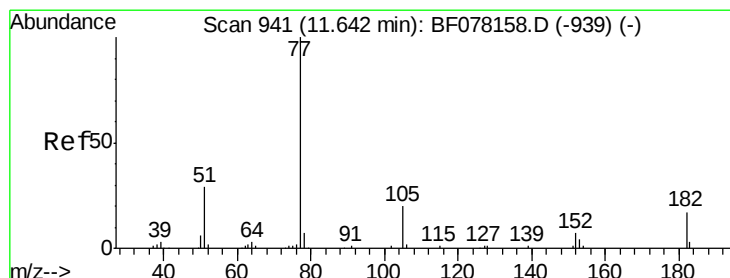
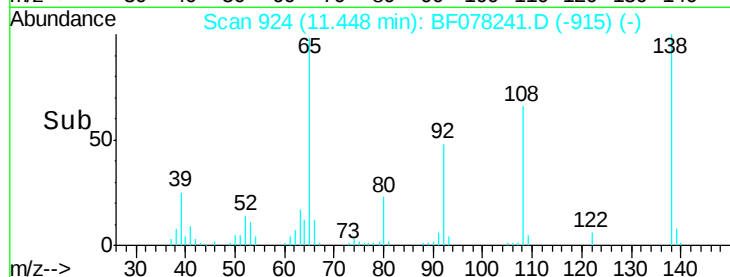
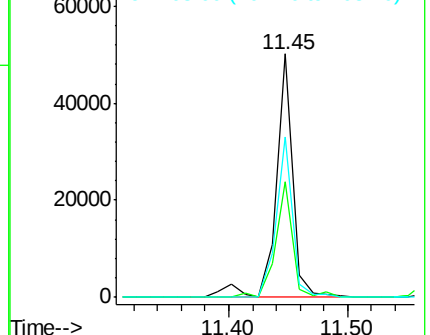
108 66.0 47.2 87.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.08 ng

RT: 11.61 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion: 77 Resp: 219450

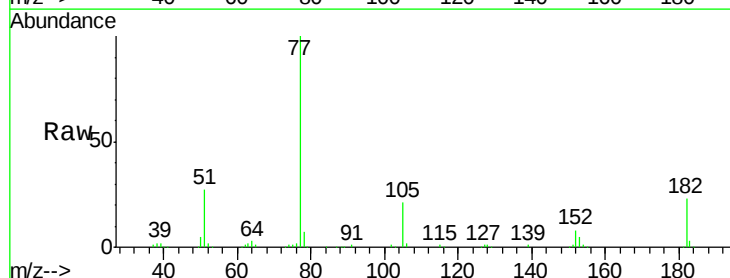
Ion Ratio Lower Upper

77 100

182 22.7 0.0 36.8

105 21.5 0.3 40.3

51 26.8 9.1 49.1

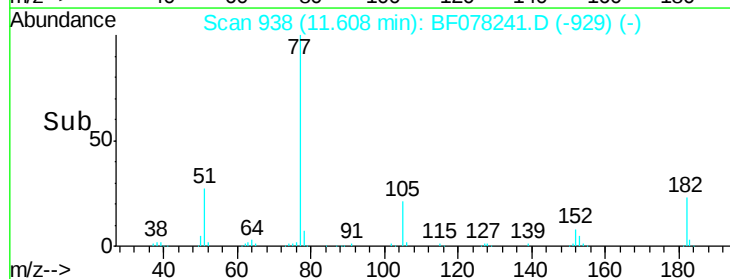
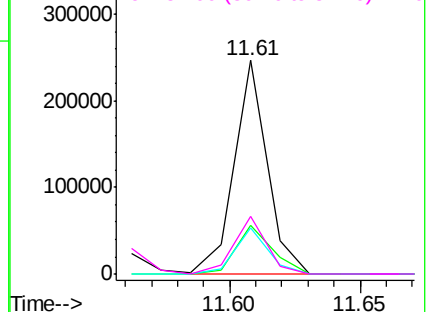


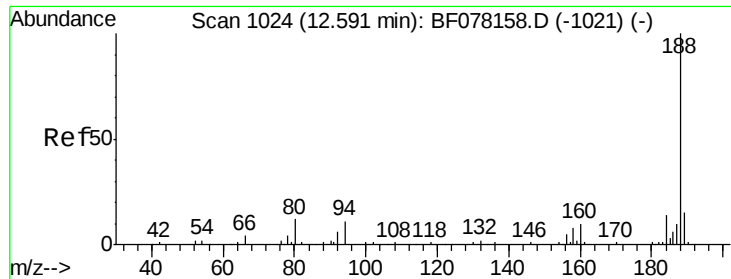
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

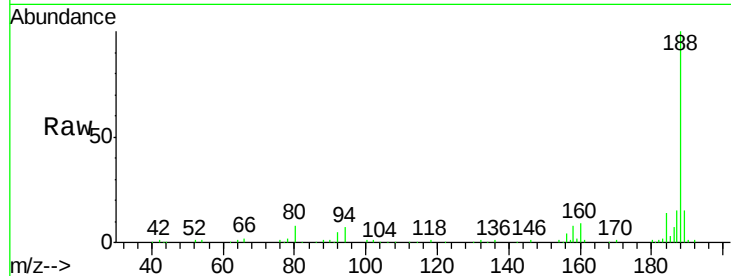




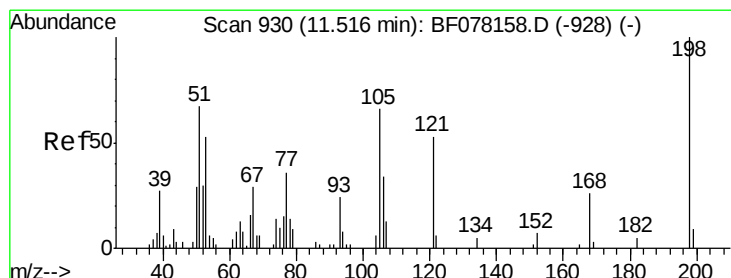
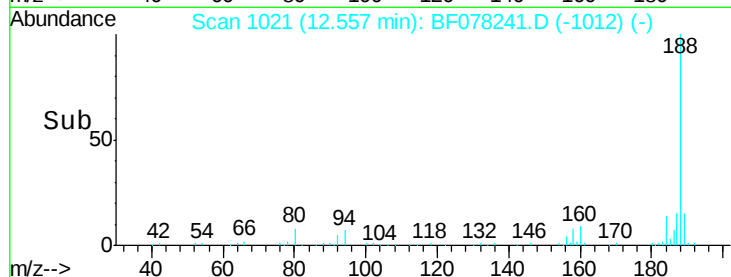
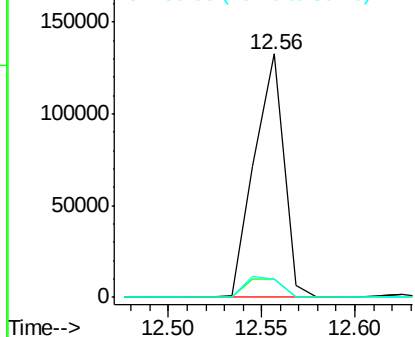
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion:188 Resp: 145522
 Ion Ratio Lower Upper
 188 100
 94 7.4 9.0 13.4#
 80 7.6 9.5 14.3#

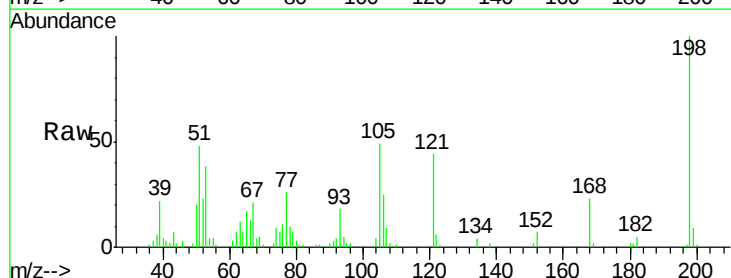


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

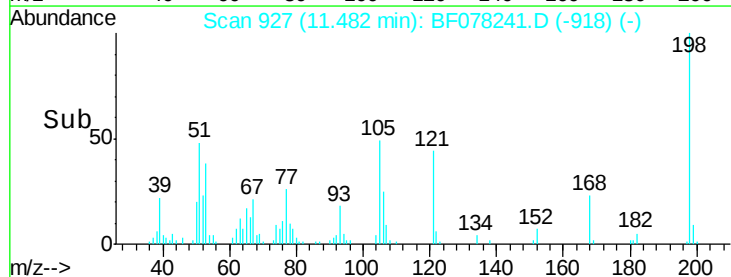
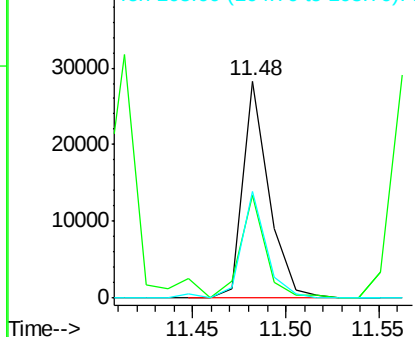


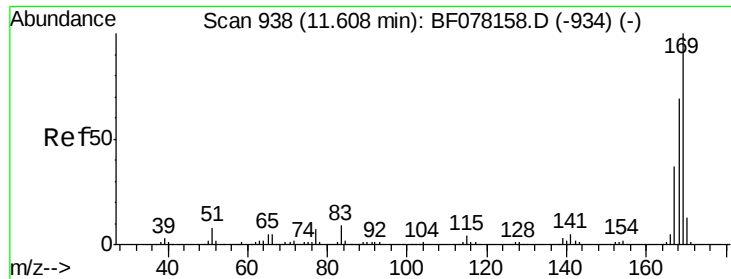
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.94 ng
 RT: 11.48 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:198 Resp: 27584
 Ion Ratio Lower Upper
 198 100
 51 47.6 48.6 88.6#
 105 49.2 45.8 85.8



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

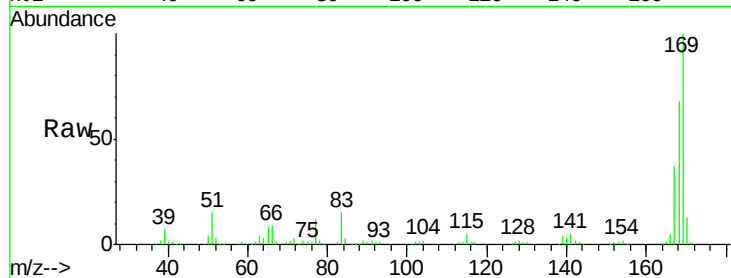




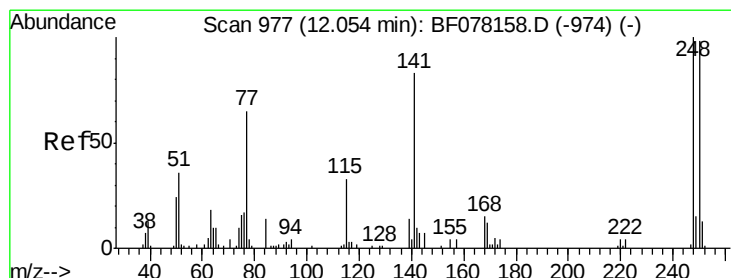
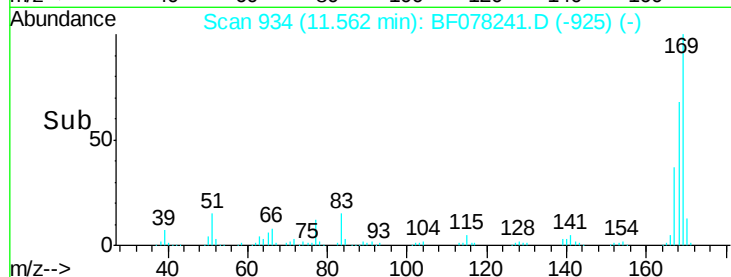
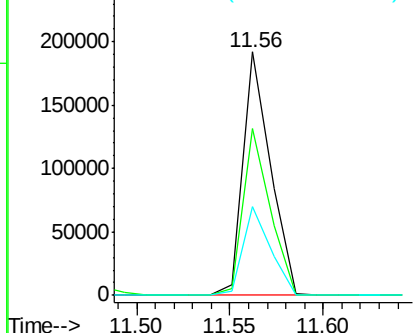
#65
 n-Nitrosodiphenylamine
 Concen: 38.81 ng
 RT: 11.56 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion:169 Resp: 195360
 Ion Ratio Lower Upper
 169 100
 168 68.4 55.0 82.4
 167 36.5 29.3 43.9

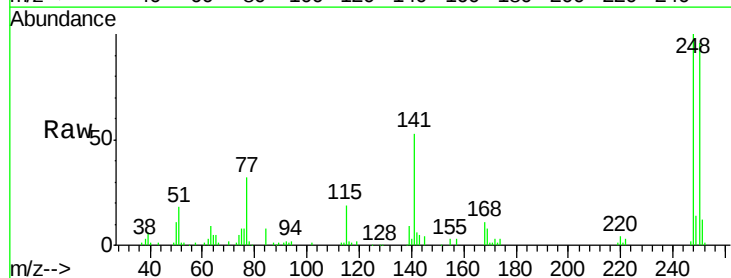


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

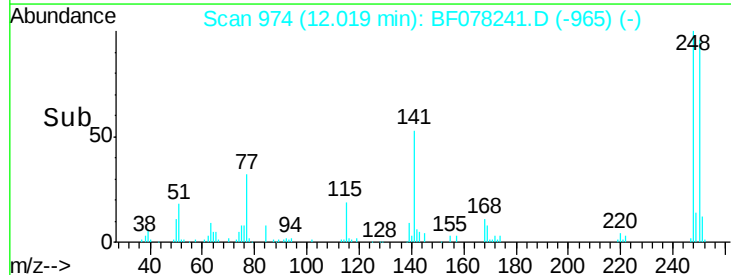
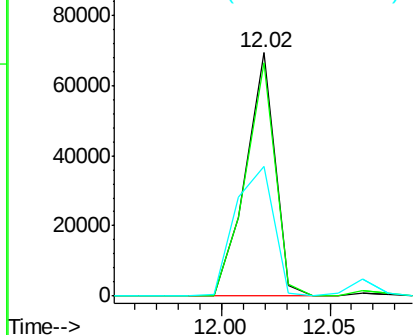


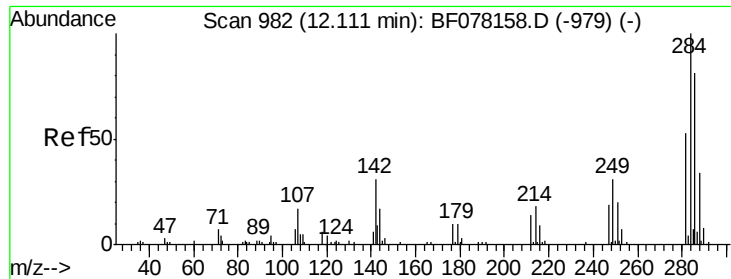
#66
 4-Bromophenyl-phenylether
 Concen: 42.24 ng
 RT: 12.02 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:248 Resp: 65098
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.2 117.2
 141 53.5 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

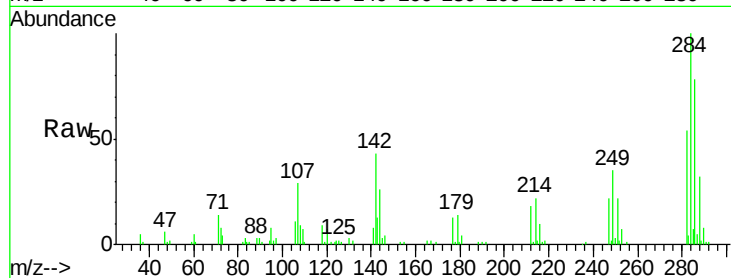




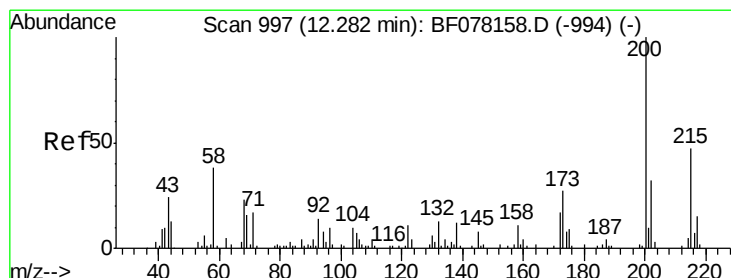
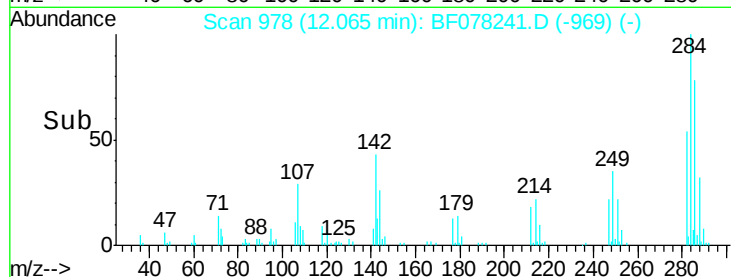
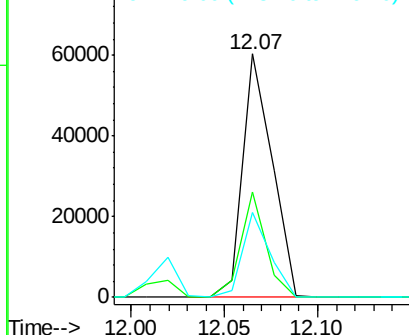
#67
Hexachlorobenzene
Concen: 39.17 ng
RT: 12.07 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tgt Ion: 284 Resp: 66148
Ion Ratio Lower Upper
284 100
142 43.3 24.5 36.7#
249 34.7 24.8 37.2

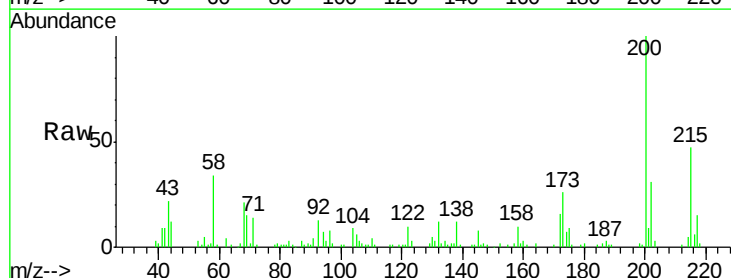


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

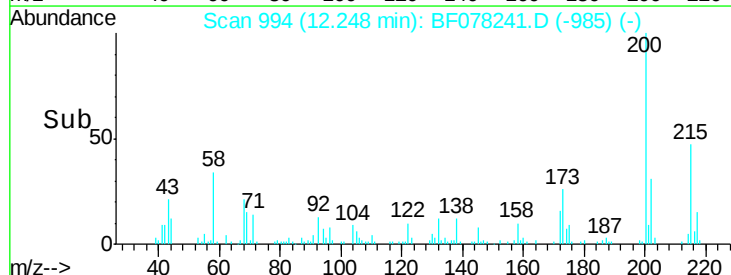
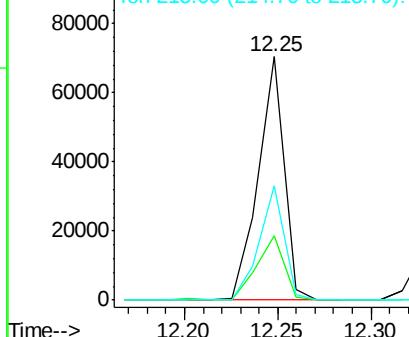


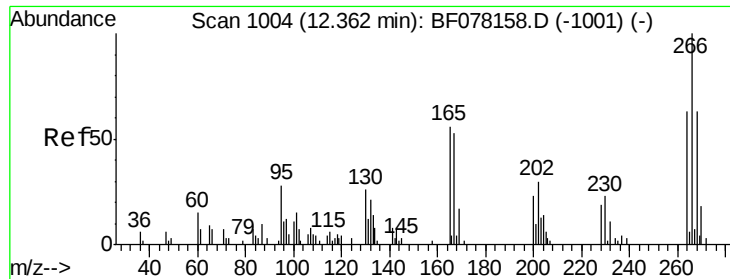
#68
Atrazine
Concen: 46.01 ng
RT: 12.25 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion: 200 Resp: 67073
Ion Ratio Lower Upper
200 100
173 26.5 6.9 46.9
215 46.7 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

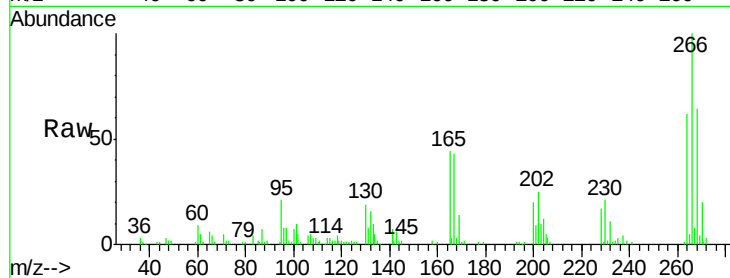




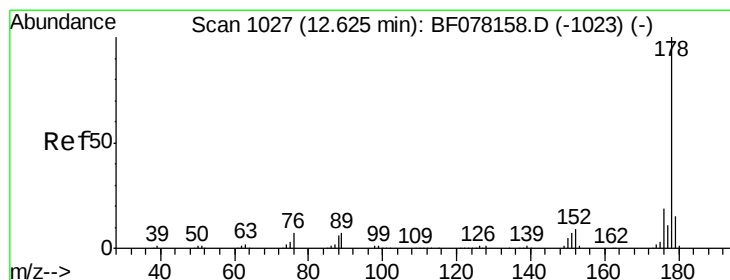
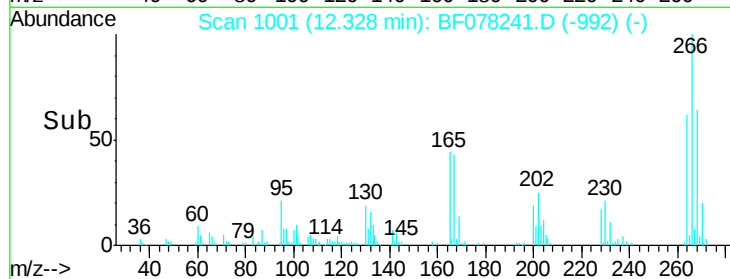
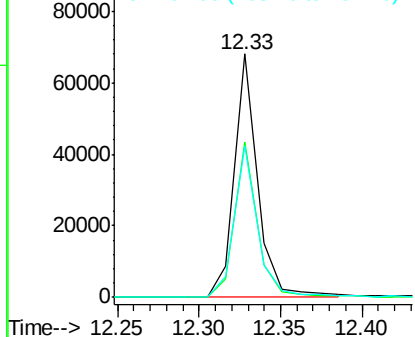
#69
 Pentachlorophenol
 Concen: 88.32 ng
 RT: 12.33 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion: 266 Resp: 66816
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.1 75.1
 264 62.1 50.0 75.0

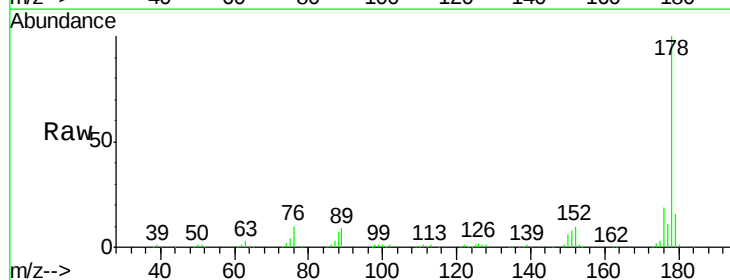


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

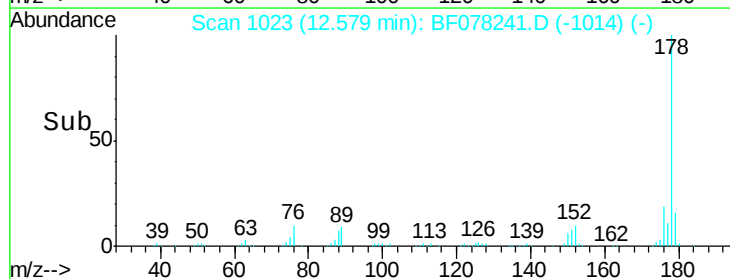
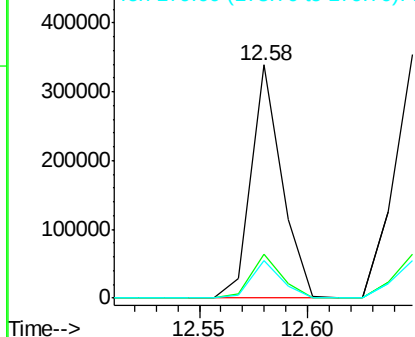


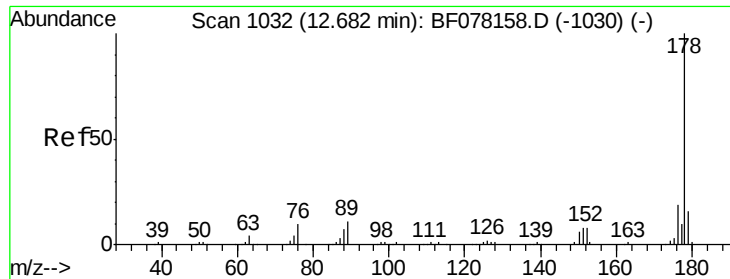
#70
 Phenanthrene
 Concen: 39.39 ng
 RT: 12.58 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion: 178 Resp: 331532
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.9 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

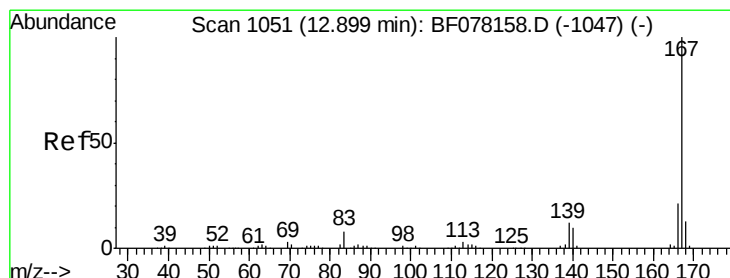
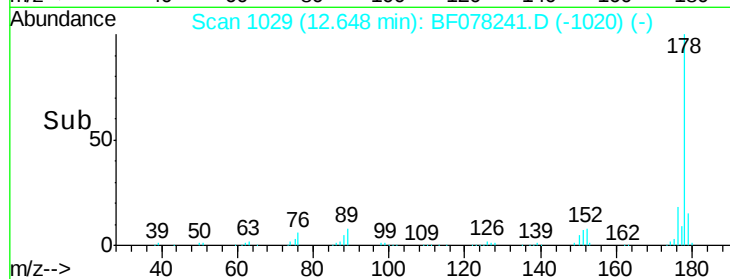
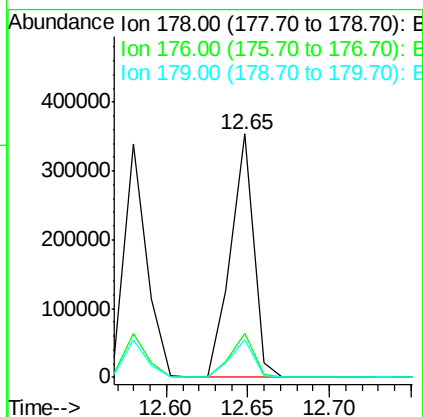
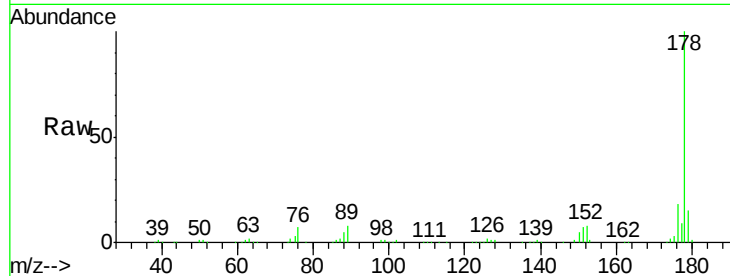




#71
 Anthracene
 Concen: 41.46 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

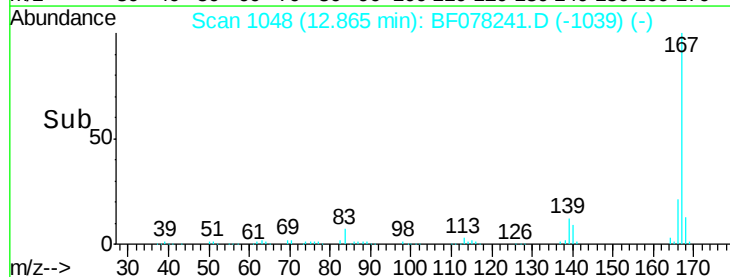
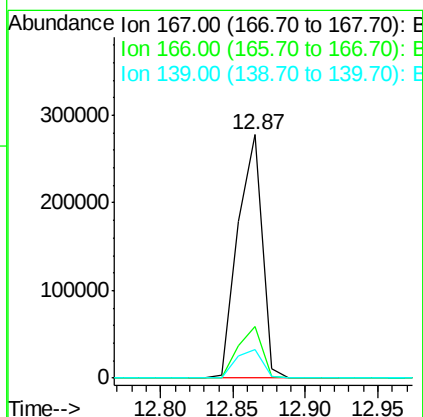
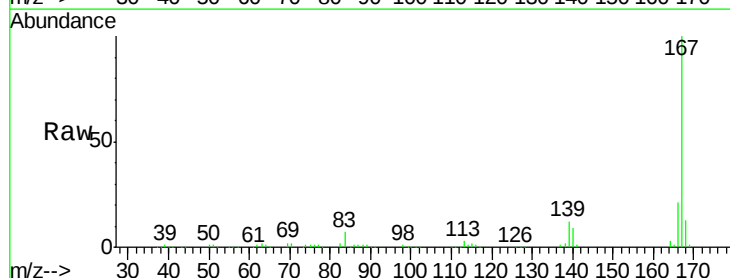
Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

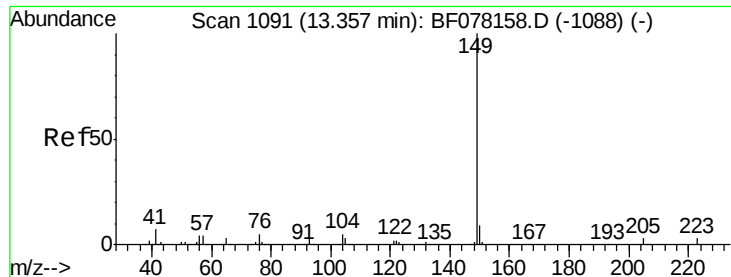
Tgt Ion:178 Resp: 343881
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.8 22.2
 179 15.2 12.4 18.6



#72
 Carbazole
 Concen: 41.77 ng
 RT: 12.87 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:167 Resp: 324724
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.8 25.2
 139 11.9 10.0 15.0

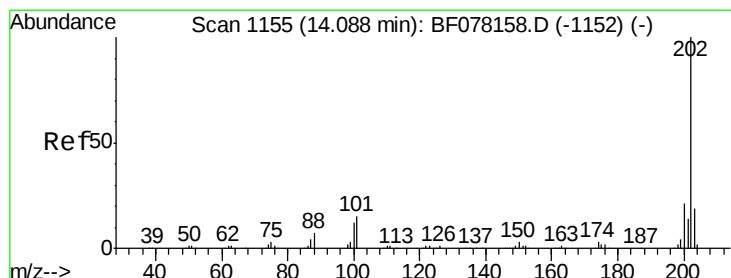
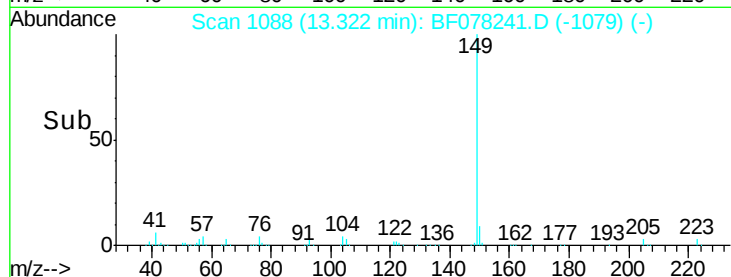
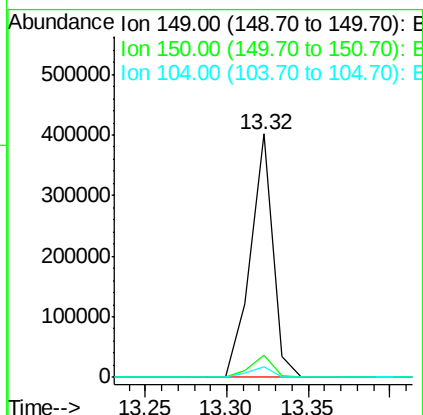
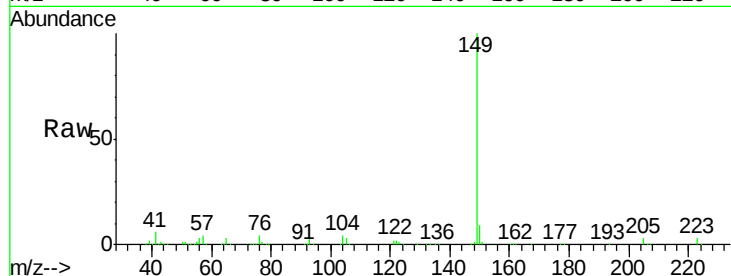




#73
Di-n-butylphthalate
Concen: 43.60 ng
RT: 13.32 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

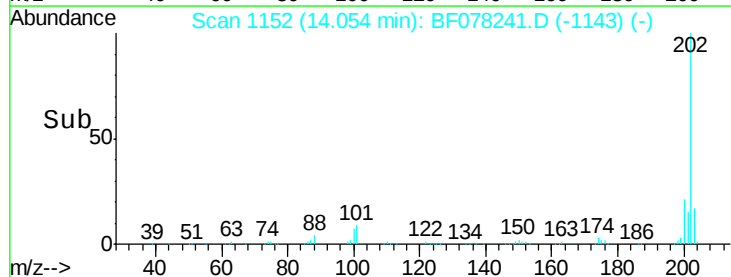
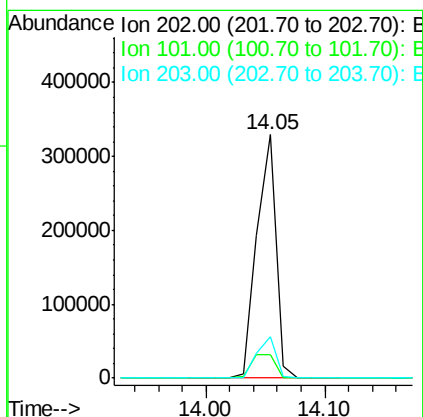
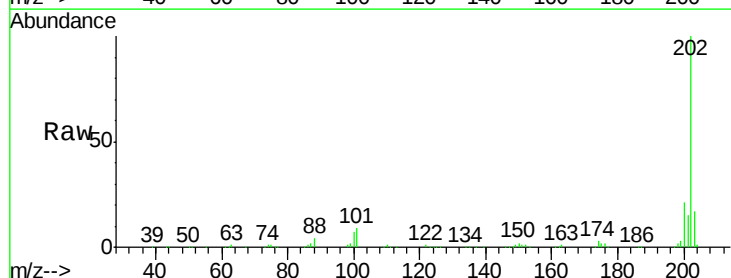
Instrument :
BNA_F
ClientSampleId :
PB82450BS

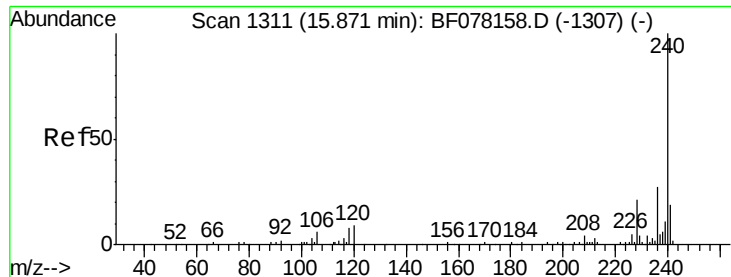
Tgt Ion:149 Resp: 383938
Ion Ratio Lower Upper
149 100
150 9.0 7.1 10.7
104 4.2 3.8 5.6



#74
Fluoranthene
Concen: 42.27 ng
RT: 14.05 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion:202 Resp: 375234
Ion Ratio Lower Upper
202 100
101 9.5 0.0 35.2
203 17.1 0.0 38.5

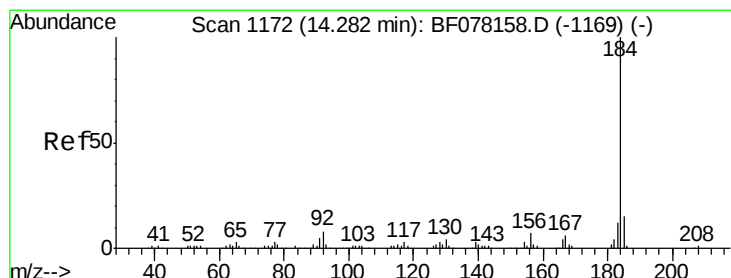
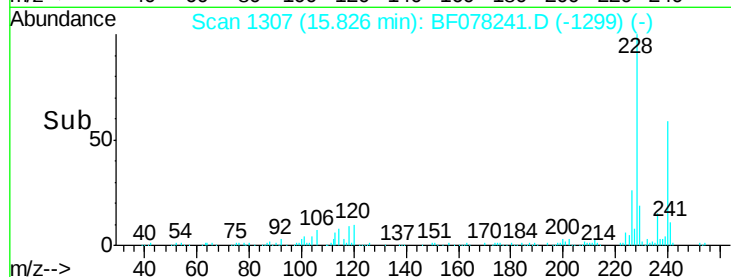
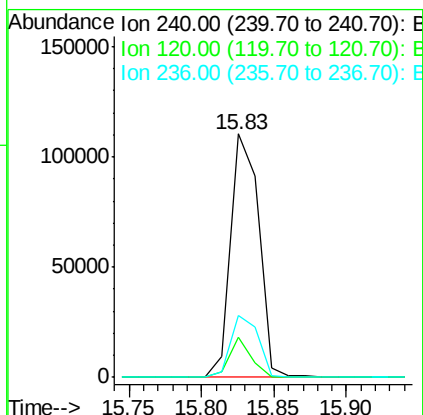
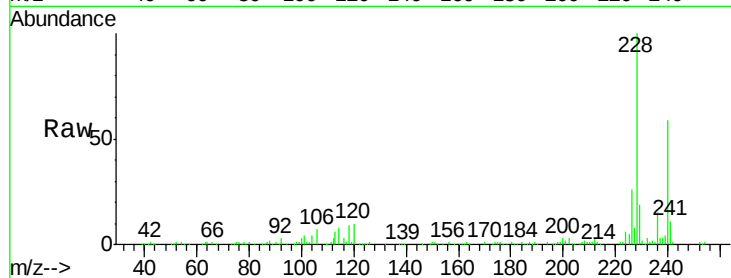




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

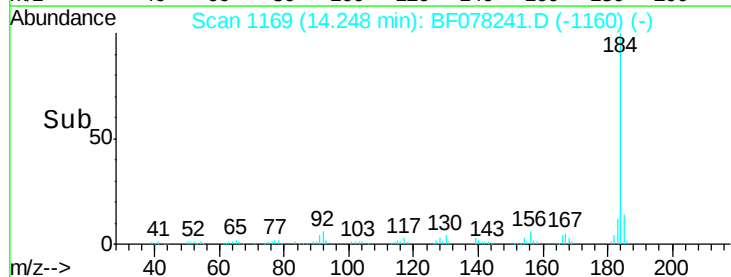
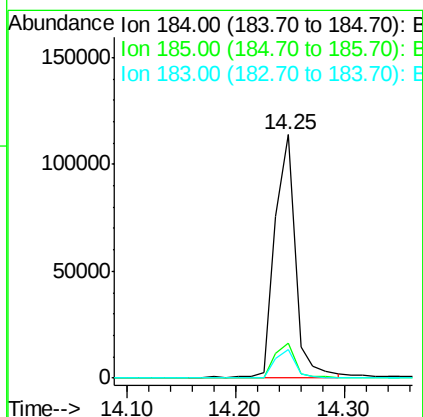
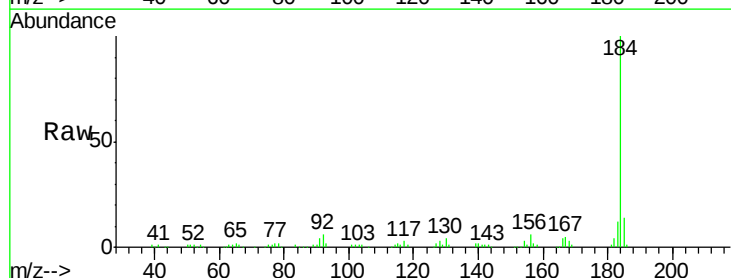
Instrument :
BNA_F
ClientSampleId :
PB82450BS

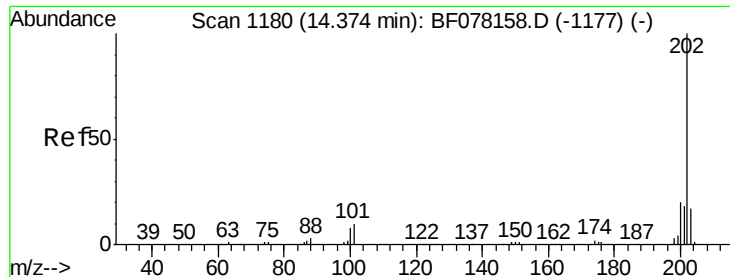
Tgt Ion:240 Resp: 148975
Ion Ratio Lower Upper
240 100
120 16.3 7.1 10.7#
236 25.3 21.4 32.2



#76
Benzidine
Concen: 25.72 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion:184 Resp: 147551
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 11.6 9.5 14.3

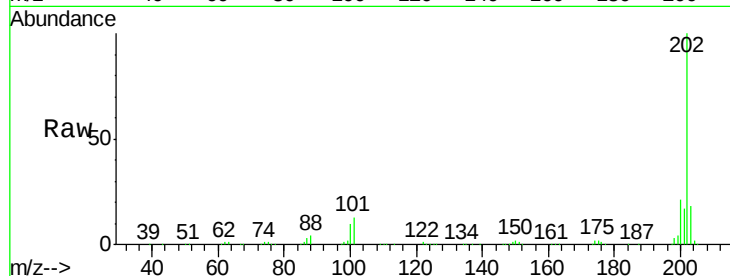




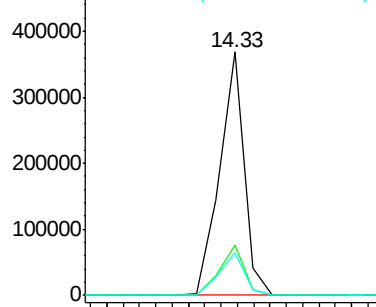
#77
 Pyrene
 Concen: 41.11 ng
 RT: 14.33 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

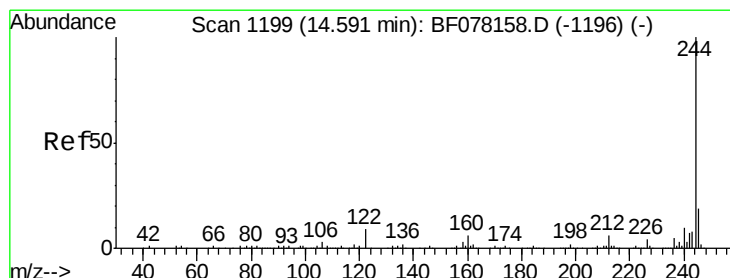
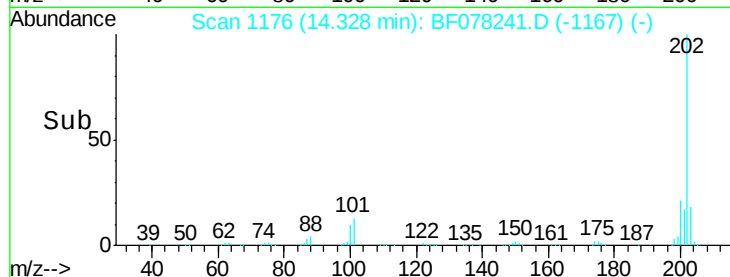
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.7	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

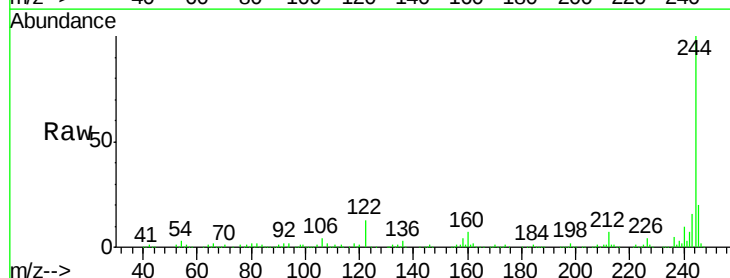


Time--> 14.25 14.30 14.35 14.40

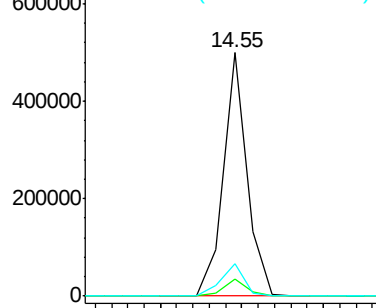


#78
 Terphenyl-d14
 Concen: 76.25 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

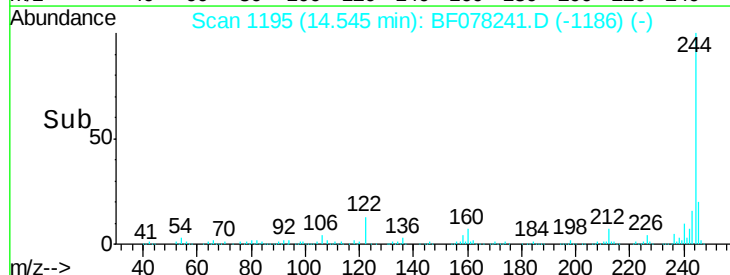
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	13.2	7.1	10.7#

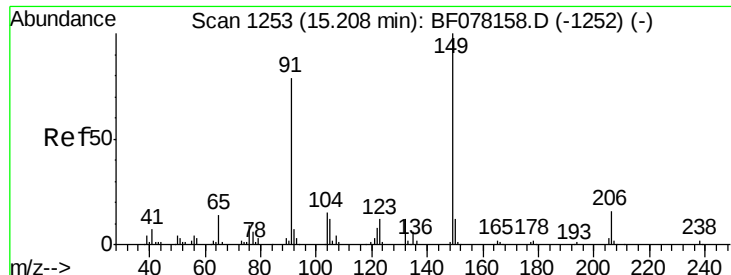


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 14.50 14.55 14.60





#79

Butylbenzylphthalate

Concen: 46.80 ng

RT: 15.17 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

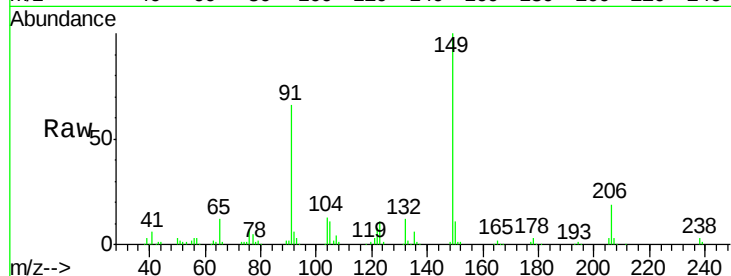
Tgt Ion:149 Resp: 166808

Ion Ratio Lower Upper

149 100

91 66.2 64.2 96.2

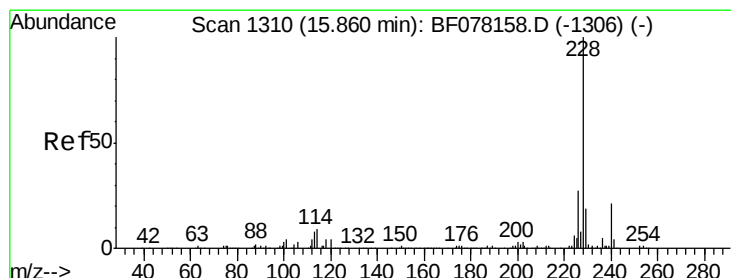
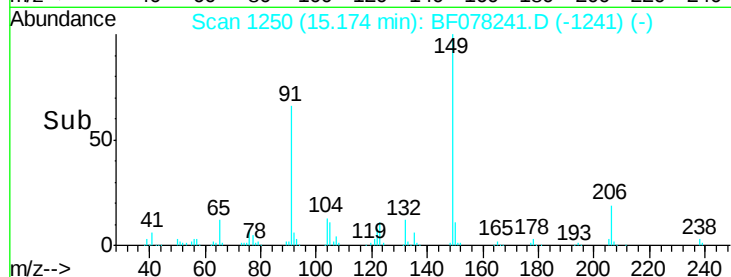
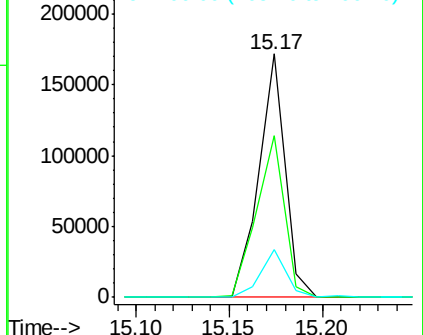
206 19.4 12.6 18.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.40 ng

RT: 15.81 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

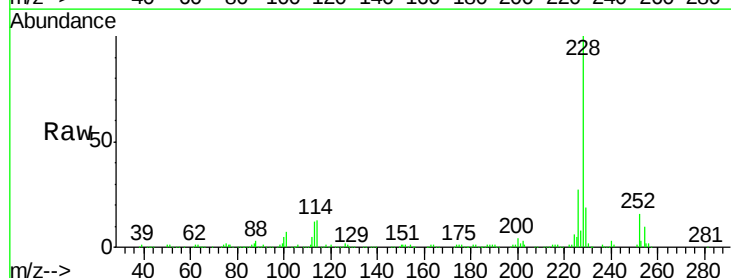
Tgt Ion:228 Resp: 358095

Ion Ratio Lower Upper

228 100

226 26.9 21.3 31.9

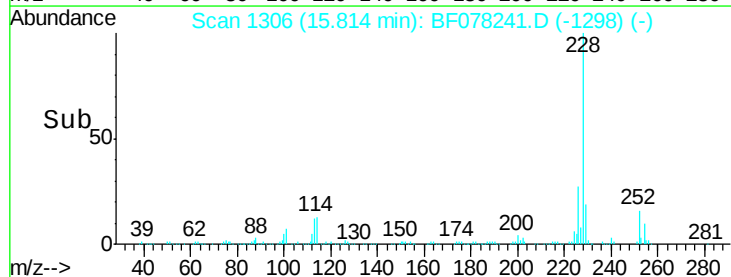
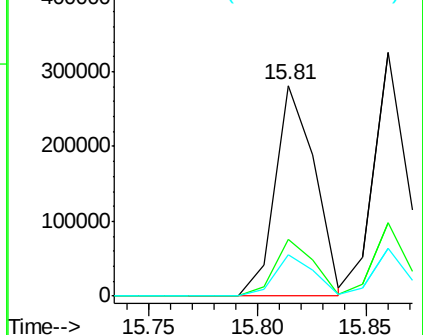
229 19.4 15.4 23.2

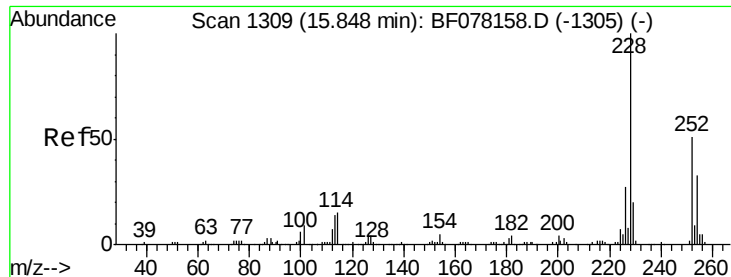


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

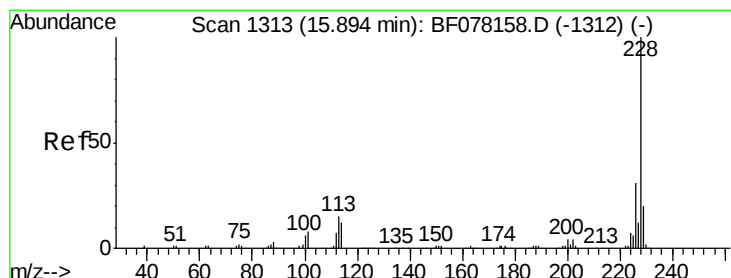
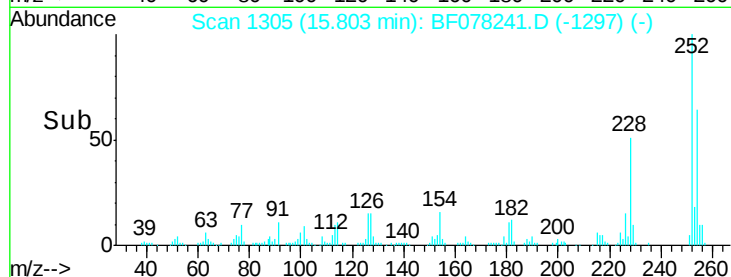
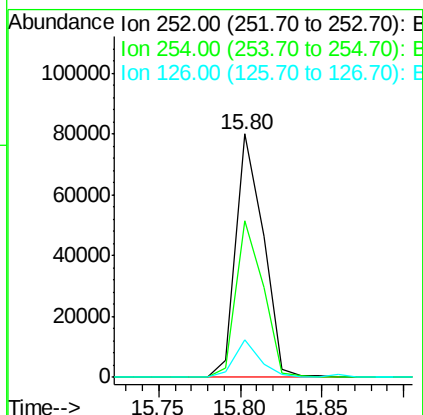
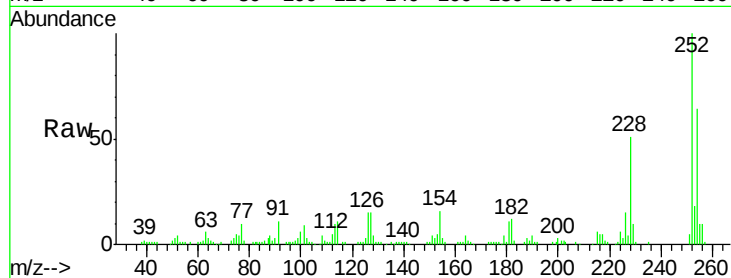




#81
 3,3'-Dichlorobenzidine
 Concen: 31.41 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

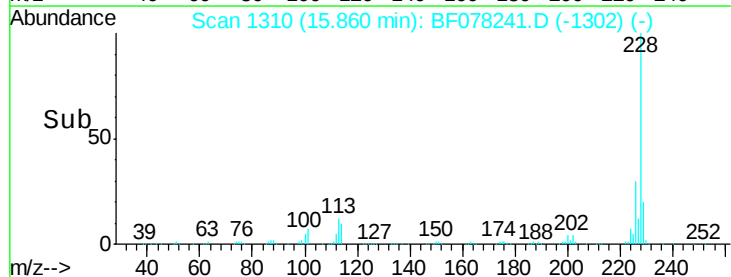
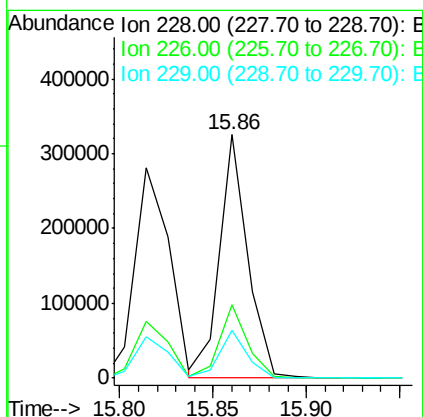
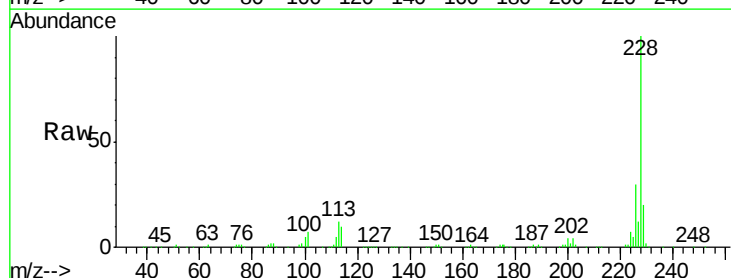
Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

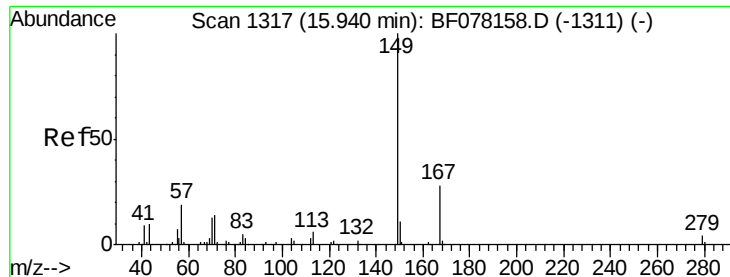
Tgt Ion: 252 Resp: 93243
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.2 76.8
 126 15.4 6.3 9.5#



#82
 Chrysene
 Concen: 41.06 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion: 228 Resp: 341973
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.4
 229 19.7 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.33 ng

RT: 15.91 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

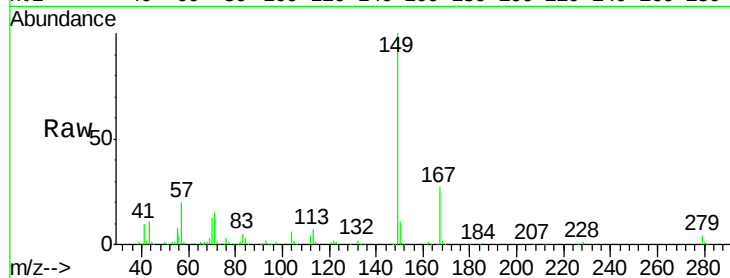
Tgt Ion:149 Resp: 253395

Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.2

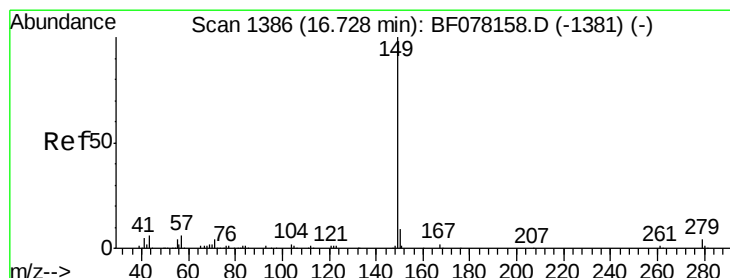
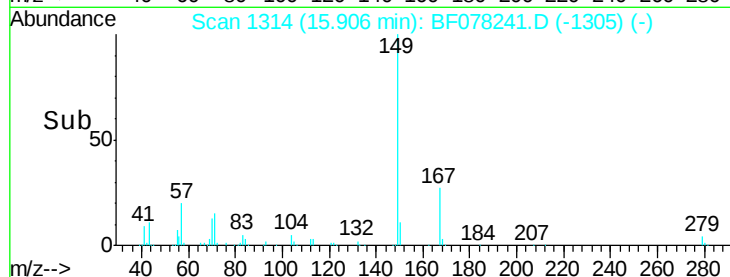
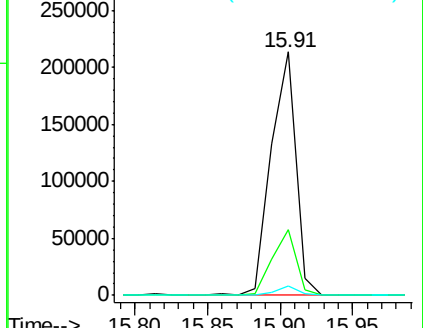
279 3.9 3.2 4.8



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: 47.47 ng

RT: 16.71 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

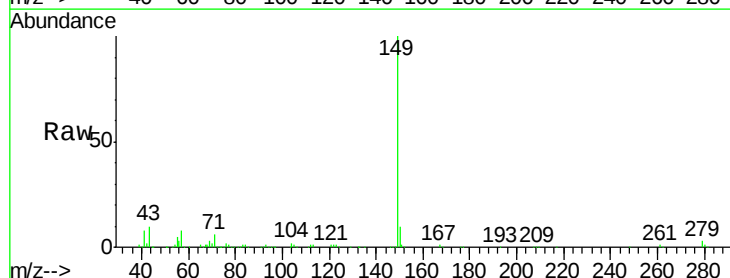
Tgt Ion:149 Resp: 435756

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

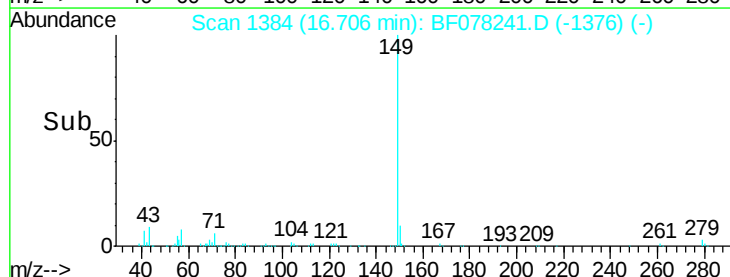
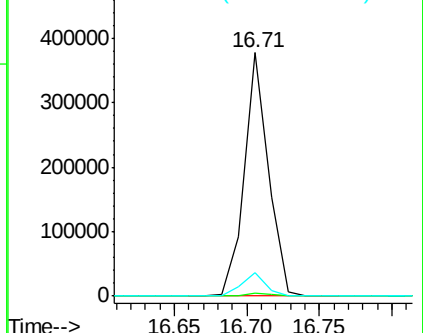
43 9.3 0.0 0.0#

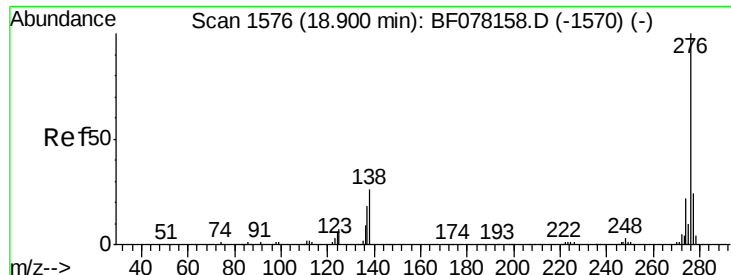


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

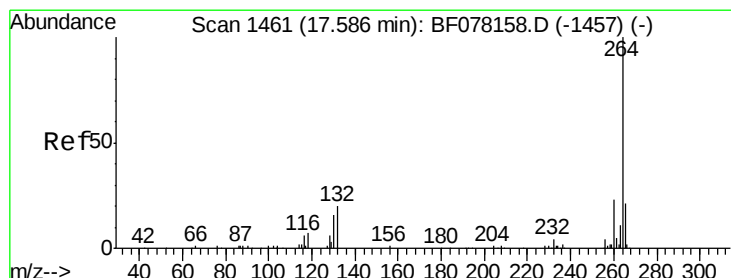
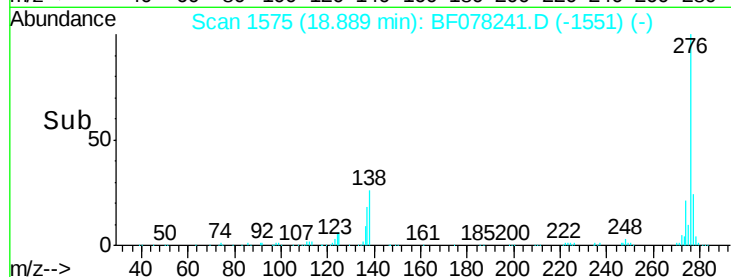
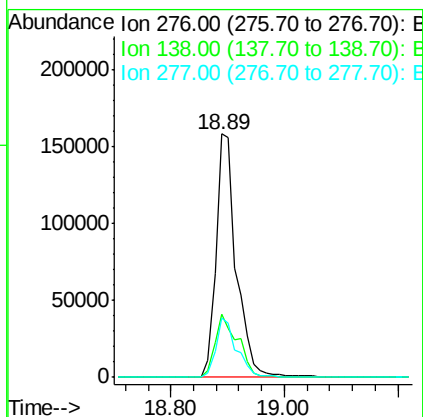
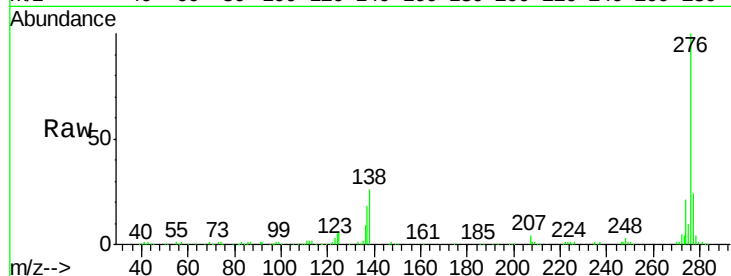




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.37 ng
 RT: 18.89 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

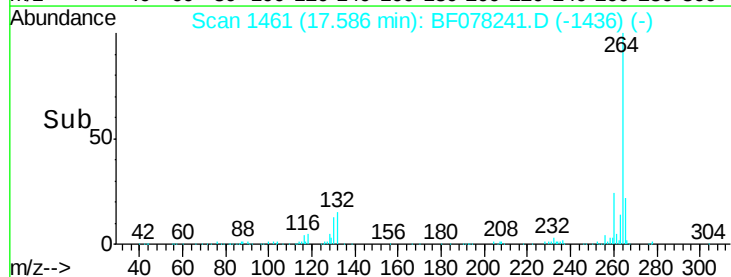
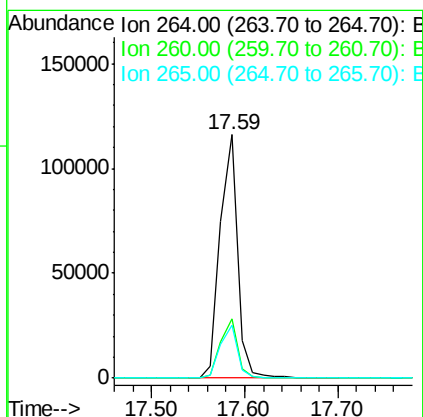
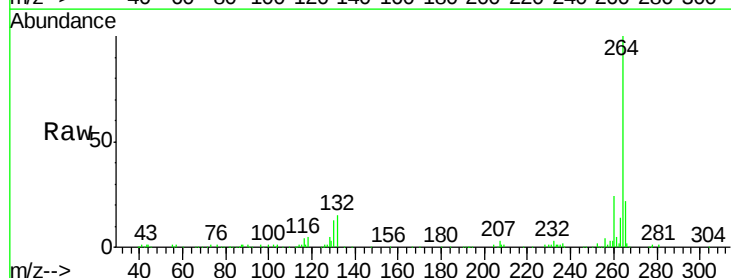
Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

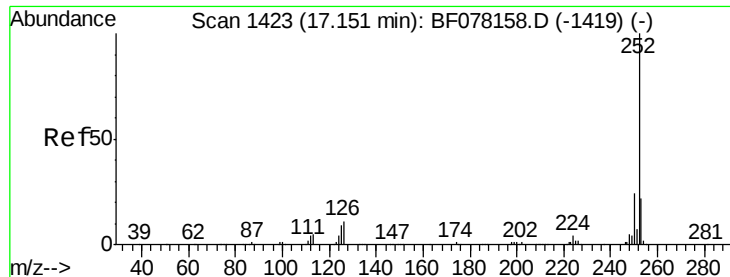
Tgt Ion: 276 Resp: 390906
 Ion Ratio Lower Upper
 276 100
 138 29.5 16.9 25.3#
 277 24.7 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion: 264 Resp: 152030
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 21.9 17.0 25.6

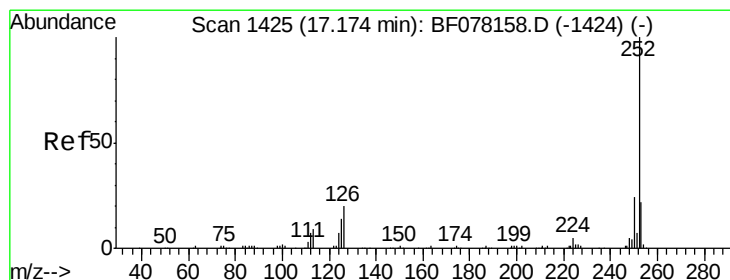
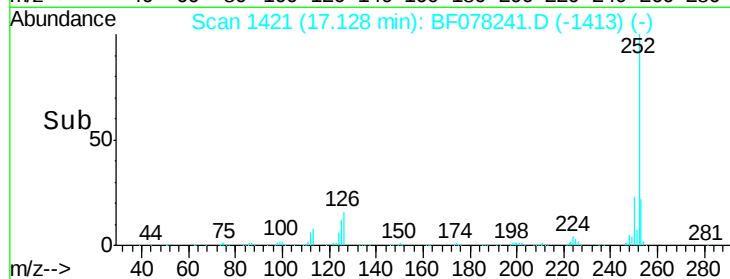
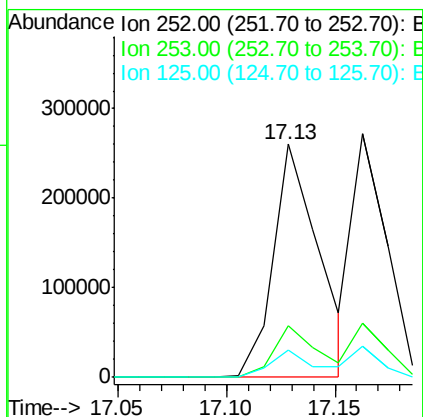
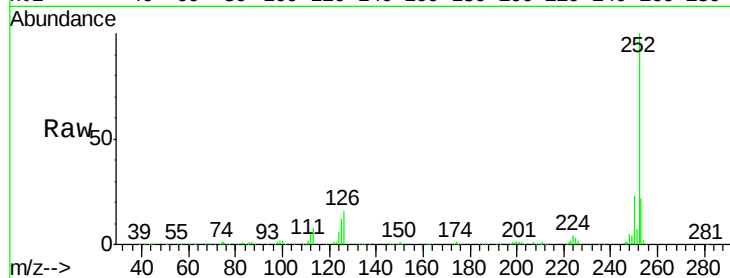




#87
Benzo(b)fluoranthene
Concen: 40.50 ng
RT: 17.13 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

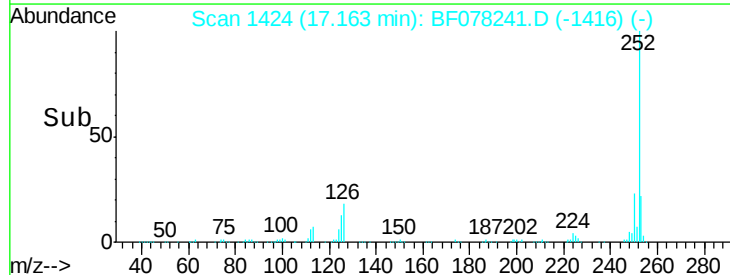
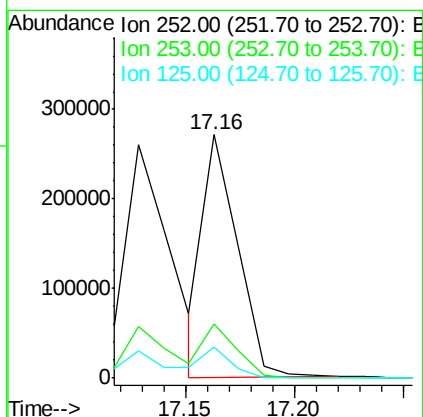
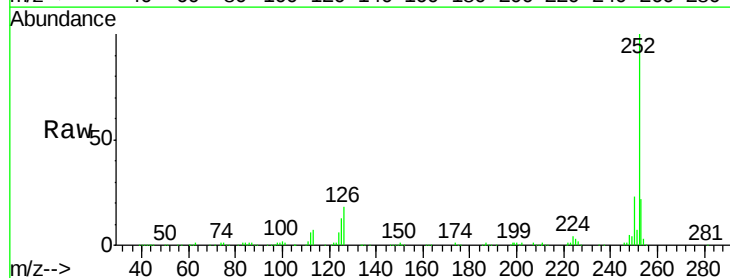
Instrument :
BNA_F
ClientSampleId :
PB82450BS

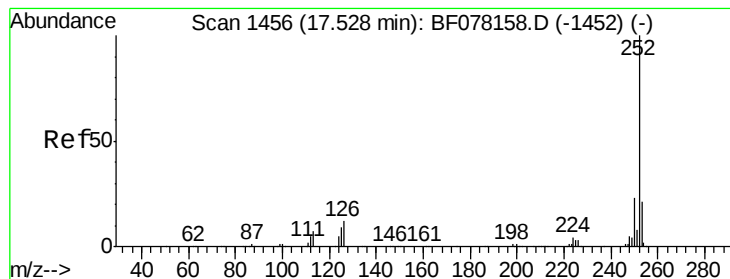
Tgt Ion:252 Resp: 380557
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 12.0 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 35.55 ng
RT: 17.16 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion:252 Resp: 296862
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 12.7 11.6 17.4





#89

Benzo(a)pyrene

Concen: 41.07 ng

RT: 17.52 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB82450BS

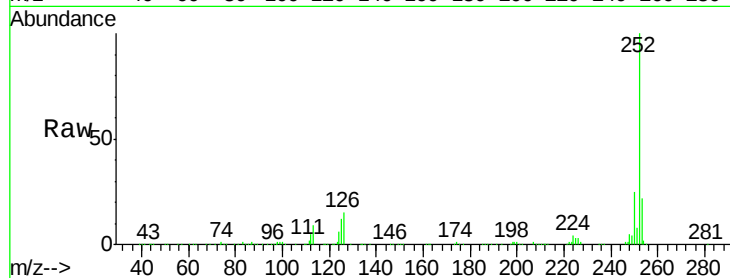
Tgt Ion:252 Resp: 336784

Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

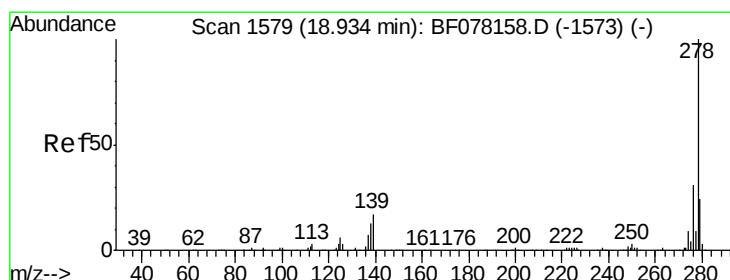
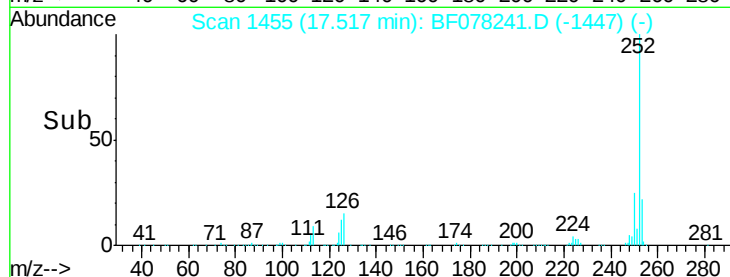
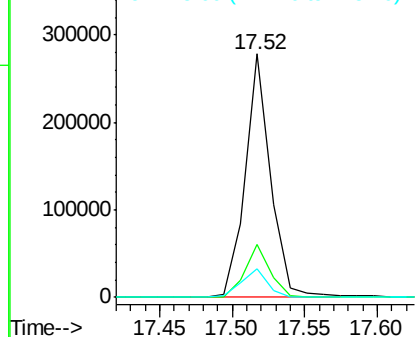
125 11.9 7.4 11.0#



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: 38.17 ng

RT: 18.92 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

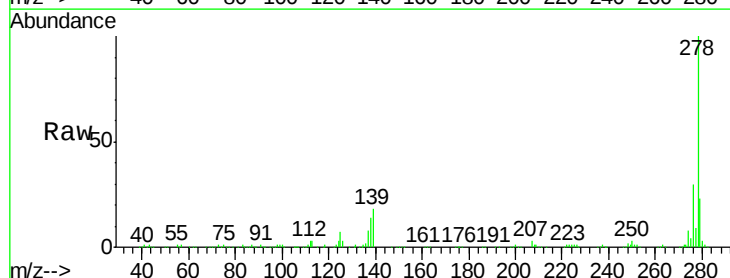
Tgt Ion:278 Resp: 313354

Ion Ratio Lower Upper

278 100

139 18.5 13.6 20.4

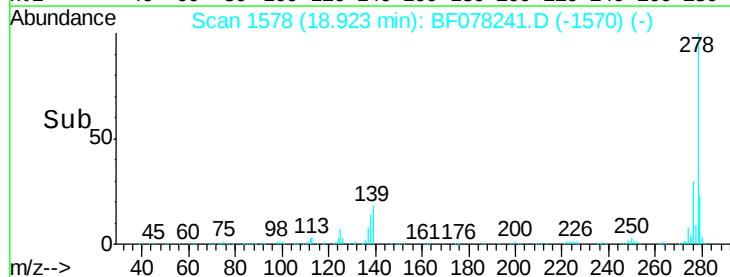
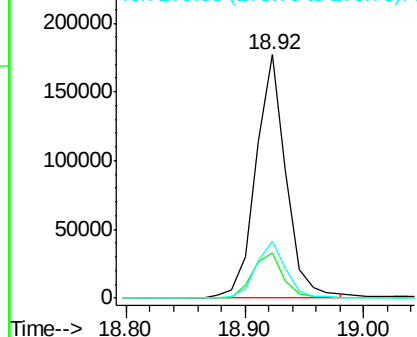
279 23.5 19.0 28.6

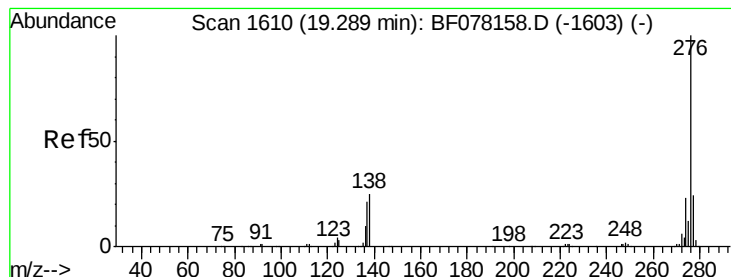


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

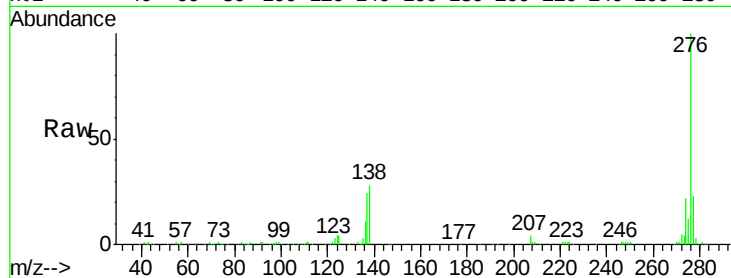




#91
 Benzo(g,h,i)perylene
 Concen: 39.05 ng
 RT: 19.27 min Scan# 1608
 Delta R.T. -0.02 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.4
138	27.6	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

