

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080173.D
 Acq On : 25 Jun 2015 18:40
 Operator : TP/IZ
 Sample : PB84215BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Quant Time: Jun 26 01:24:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30376	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	120439	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	64134	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	127598	20.00	ng	0.00
75) Chrysene-d12	14.75	240	137375	20.00	ng	-0.08
86) Perylene-d12	16.57	264	130002	20.00	ng	-0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	245413	143.02	ng	0.00
7) Phenol-d6	6.89	99	319985	140.13	ng	-0.01
23) Nitrobenzene-d5	7.85	82	206488	99.81	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	88000	140.32	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	372335	82.79	ng	-0.01
78) Terphenyl-d14	13.52	244	506720	86.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	27662	33.91	ng	85
3) Pyridine	3.98	79	79893	36.83	ng	# 82
4) n-Nitrosodimethylamine	3.88	42	43961	42.64	ng	93
6) Aniline	6.95	93	83489	26.58	ng	95
8) 2-Chlorophenol	7.08	128	91274	46.02	ng	89
9) Benzaldehyde	6.84	77	47617	36.12	ng	# 69
10) Phenol	6.92	94	108775	43.65	ng	86
11) bis(2-Chloroethyl)ether	7.02	93	79195	40.06	ng	85
12) 1,3-Dichlorobenzene	7.48	146	91643	38.46	ng	98
13) 1,4-Dichlorobenzene	7.32	146	103592	45.72	ng	97
14) 1,2-Dichlorobenzene	7.48	146	91654	41.57	ng	98
15) Benzyl Alcohol	7.42	79	80184	42.95	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.56	45	140480	47.87	ng	88
17) 2-Methylphenol	7.53	107	68047	40.17	ng	# 90
18) Hexachloroethane	7.82	117	34489	45.71	ng	# 81
19) n-Nitroso-di-n-propylamine	7.69	70	64034	40.39	ng	# 77
20) 3+4-Methylphenols	7.68	107	98975	45.27	ng	91
22) Acetophenone	7.69	105	127554	45.45	ng	# 83
24) Nitrobenzene	7.88	77	89934	42.12	ng	# 80
25) Isophorone	8.10	82	168815	40.55	ng	# 83
26) 2-Nitrophenol	8.20	139	45364	50.76	ng	# 78
27) 2,4-Dimethylphenol	8.22	122	86538	46.43	ng	86
28) bis(2-Chloroethoxy)methane	8.31	93	106805	43.66	ng	# 92
29) 2,4-Dichlorophenol	8.44	162	78603	49.25	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	86829	47.90	ng	99
31) Naphthalene	8.61	128	263715	41.88	ng	98
32) Benzoic acid	8.28	122	31855	28.27	ng	# 62
33) 4-Chloroaniline	8.64	127	45334	16.82	ng	# 84
34) Hexachlorobutadiene	8.73	225	47279	42.36	ng	98
35) Caprolactam	8.98	113	23412	45.19	ng	97
36) 4-Chloro-3-methylphenol	9.11	107	75834	42.12	ng	# 70
37) 2-Methylnaphthalene	9.30	142	192540	47.27	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	84873	45.48	ng	97
40) Hexachlorocyclopentadiene	9.46	237	83428	86.33	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080173.D
 Acq On : 25 Jun 2015 18:40
 Operator : TP/IZ
 Sample : PB84215BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Quant Time: Jun 26 01:24:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

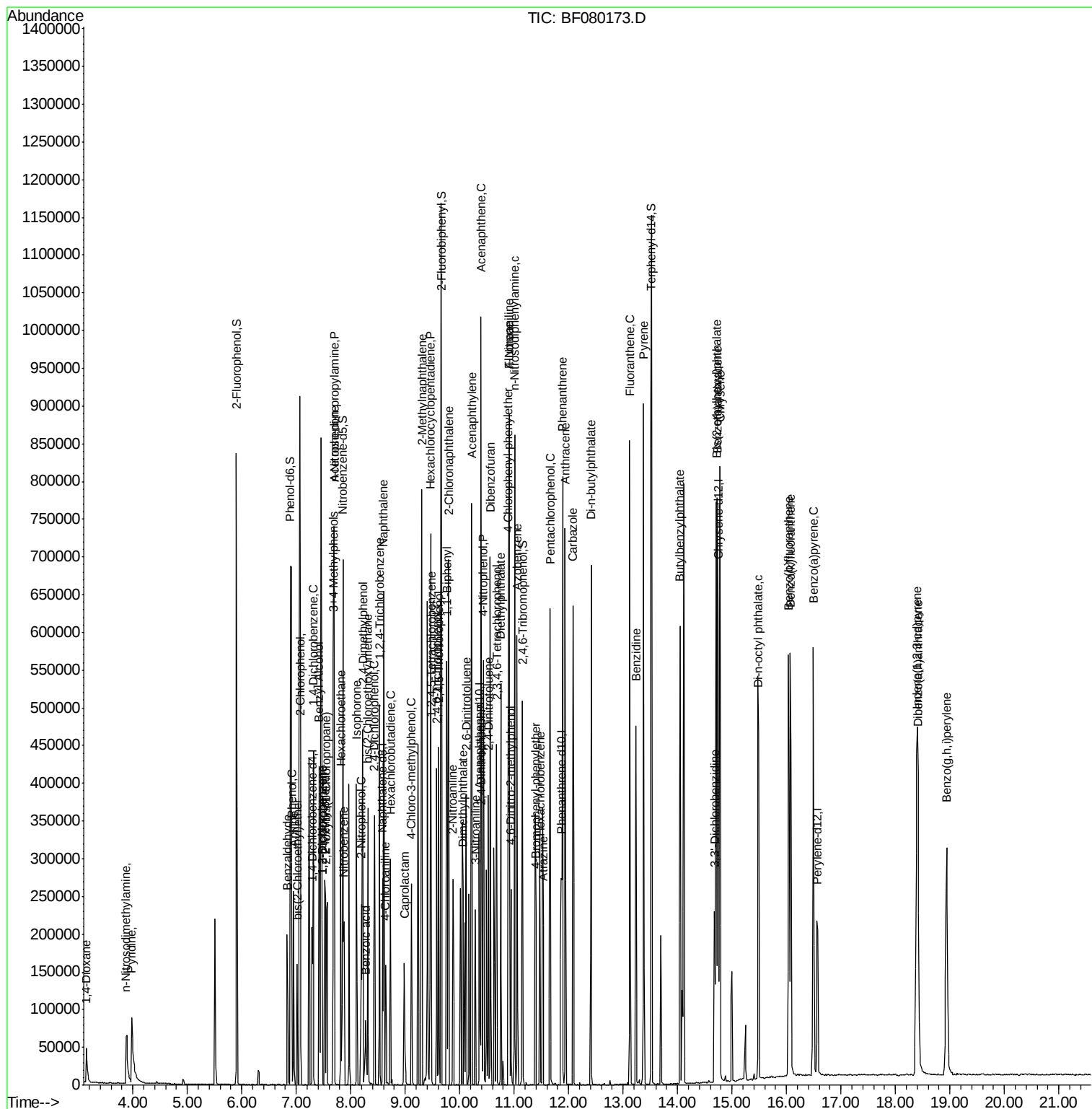
42) 2,4,6-Trichlorophenol	9.58	196	59605	46.94	ng	100
43) 2,4,5-Trichlorophenol	9.61	196	61607	42.11	ng #	94
45) 1,1'-Biphenyl	9.76	154	210557	40.35	ng	94
46) 2-Chloronaphthalene	9.80	162	181810	42.94	ng	96
47) 2-Nitroaniline	9.88	65	49330	42.44	ng #	62
48) Acenaphthylene	10.22	152	304230	43.05	ng	97
49) Dimethylphthalate	10.06	163	196222	40.70	ng #	96
50) 2,6-Dinitrotoluene	10.12	165	42304	43.77	ng #	56
51) Acenaphthene	10.39	154	196185	45.38	ng	94
52) 3-Nitroaniline	10.29	138	30023	26.92	ng #	63
53) 2,4-Dinitrophenol	10.40	184	42384	105.71	ng #	47
54) Dibenzofuran	10.56	168	258758	42.18	ng #	89
55) 4-Nitrophenol	10.44	139	83855	94.07	ng #	59
56) 2,4-Dinitrotoluene	10.53	165	64294	52.42	ng #	91
57) Fluorene	10.90	166	199993	41.09	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.68	232	53255	43.12	ng	97
59) Diethylphthalate	10.76	149	199792	41.15	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	98615	42.16	ng	89
61) 4-Nitroaniline	10.90	138	50056	43.46	ng #	58
62) Azobenzene	11.05	77	210744	42.64	ng	86
64) 4,6-Dinitro-2-methylphenol	10.94	198	30971	48.12	ng	95
65) n-Nitrosodiphenylamine	11.01	169	186062	44.78	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	57578	42.44	ng #	82
67) Hexachlorobenzene	11.48	284	62335	41.34	ng #	76
68) Atrazine	11.53	200	54085	41.20	ng	84
69) Pentachlorophenol	11.66	266	73725	86.28	ng	99
70) Phenanthrene	11.89	178	329812	42.69	ng	97
71) Anthracene	11.93	178	311286	41.85	ng	98
72) Carbazole	12.08	167	286548	40.35	ng	96
73) Di-n-butylphthalate	12.41	149	356509	43.45	ng #	98
74) Fluoranthene	13.12	202	344002	41.81	ng	93
76) Benzidine	13.24	184	182577	47.55	ng	98
77) Pyrene	13.37	202	359667	42.52	ng	97
79) Butylbenzylphthalate	14.05	149	153365	45.15	ng	95
80) Benzo(a)anthracene	14.73	228	347354	41.50	ng	96
81) 3,3'-Dichlorobenzidine	14.68	252	63727	22.08	ng #	96
82) Chrysene	14.78	228	322023	41.73	ng	95
83) Bis(2-ethylhexyl)phthalate	14.71	149	223354	41.61	ng #	94
84) Di-n-octyl phthalate	15.49	149	378617	41.16	ng	94
85) Indeno(1,2,3-cd)pyrene	18.39	276	367680	37.78	ng #	89
87) Benzo(b)fluoranthene	16.04	252	341046	43.33	ng #	89
88) Benzo(k)fluoranthene	16.07	252	322540	40.24	ng #	91
89) Benzo(a)pyrene	16.49	252	330576	44.22	ng #	86
90) Dibenzo(a,h)anthracene	18.41	278	306832	40.10	ng #	81
91) Benzo(g,h,i)perylene	18.94	276	311724	40.35	ng #	77

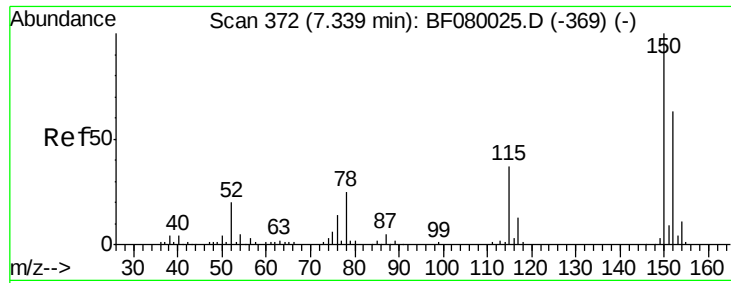
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\  
Data File : BF080173.D  
Acq On    : 25 Jun 2015   18:40  
Operator  : TP/IZ  
Sample    : PB84215BS  
Misc      :  
ALS Vial  : 16      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Quant Time: Jun 26 01:24:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration



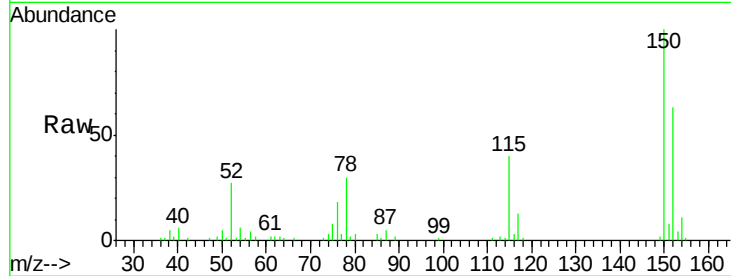


#1

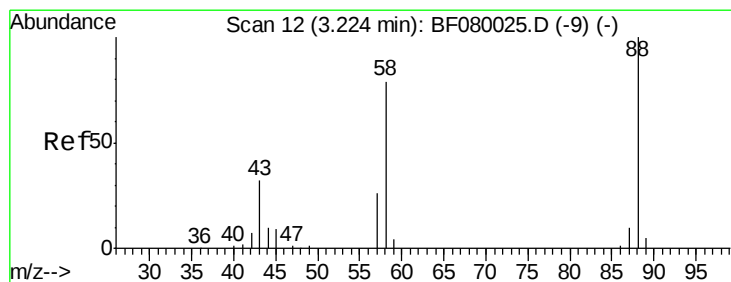
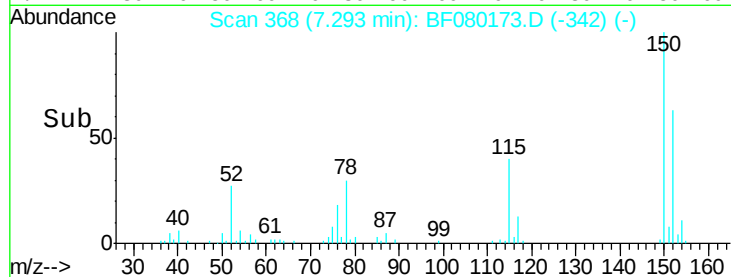
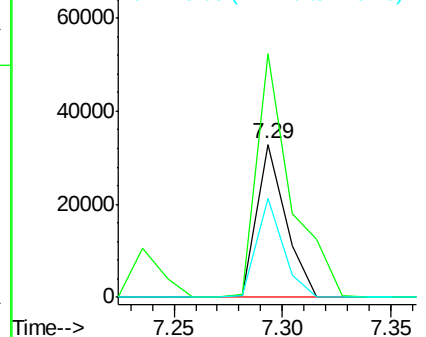
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion:152 Resp: 30376
Ion Ratio Lower Upper
152 100
150 158.9 124.7 187.1
115 64.3 39.0 58.4#



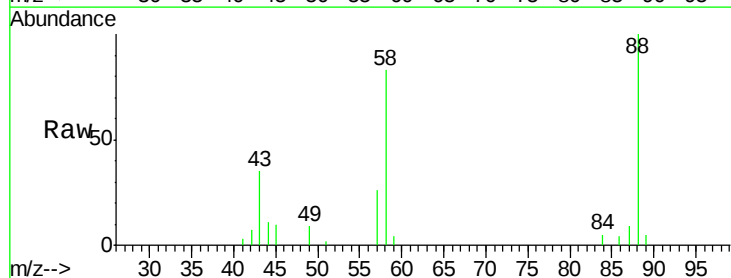
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



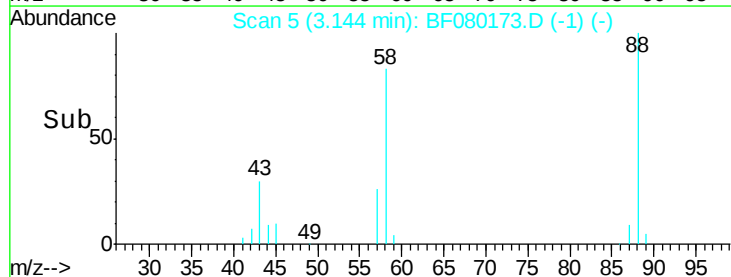
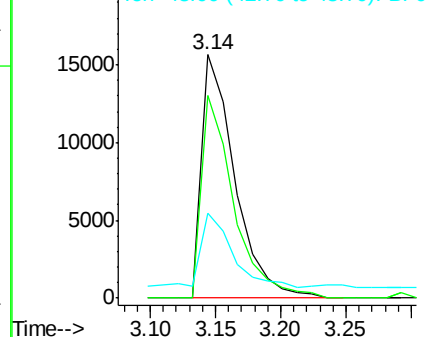
#2

1,4-Dioxane
Concen: 33.91 ng
RT: 3.14 min Scan# 5
Delta R.T. 0.01 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion: 88 Resp: 27662
Ion Ratio Lower Upper
88 100
58 80.7 77.7 116.5
43 27.7 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.83 ng

RT: 3.98 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS

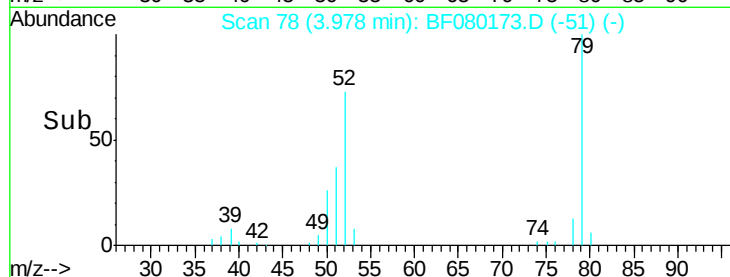
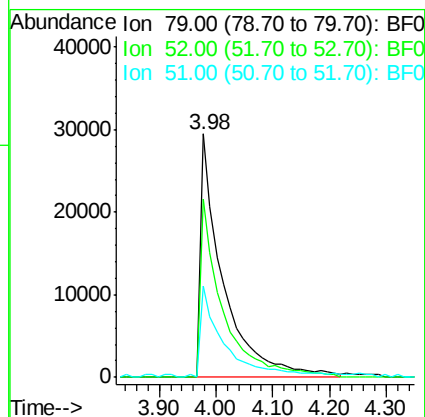
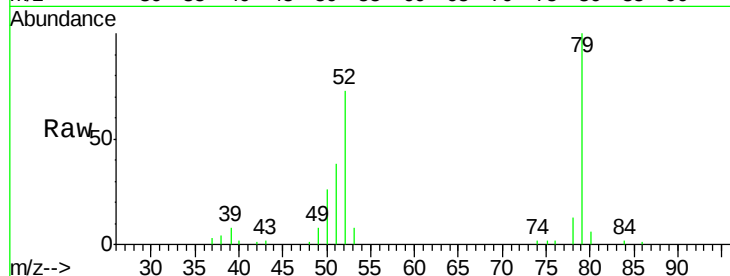
Tgt Ion: 79 Resp: 79893

Ion Ratio Lower Upper

79 100

52 73.1 76.8 115.2#

51 37.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 42.64 ng

RT: 3.88 min Scan# 69

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

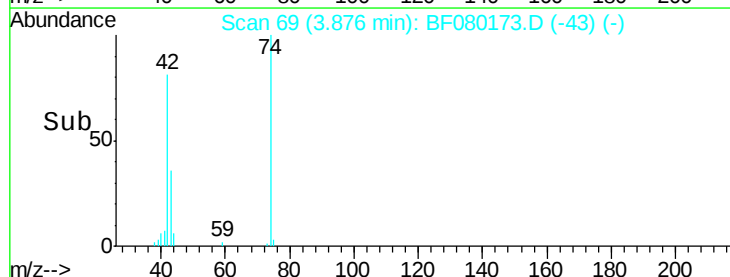
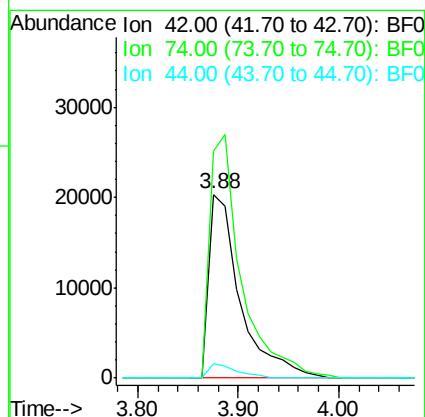
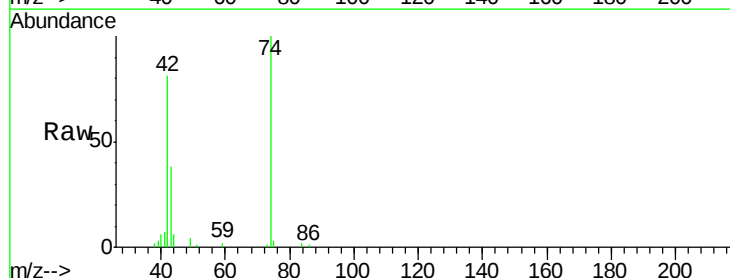
Tgt Ion: 42 Resp: 43961

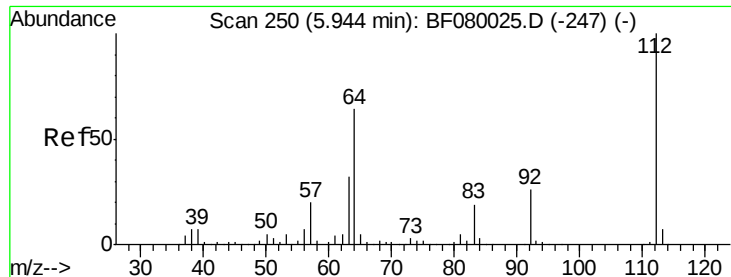
Ion Ratio Lower Upper

42 100

74 123.1 105.0 157.6

44 7.7 6.6 10.0





#5

2-Fluorophenol

Concen: 143.02 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampled :

PB84215BS

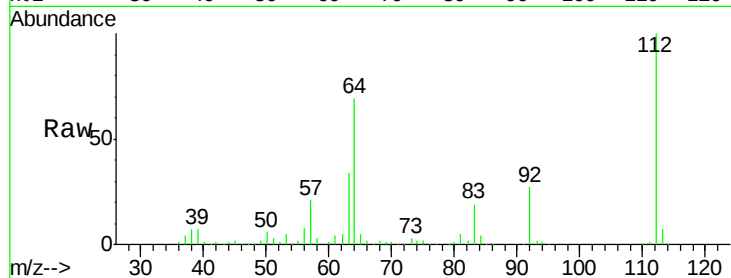
Tgt Ion: 112 Resp: 245413

Ion Ratio Lower Upper

112 100

64 69.5 39.7 59.5#

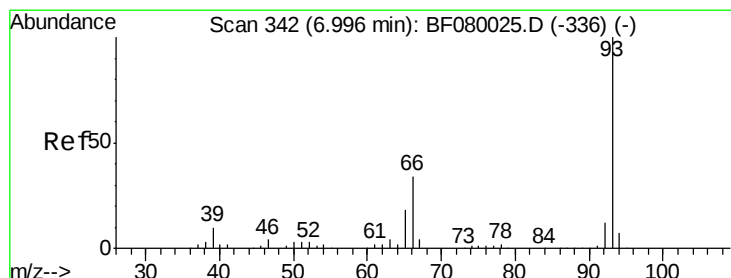
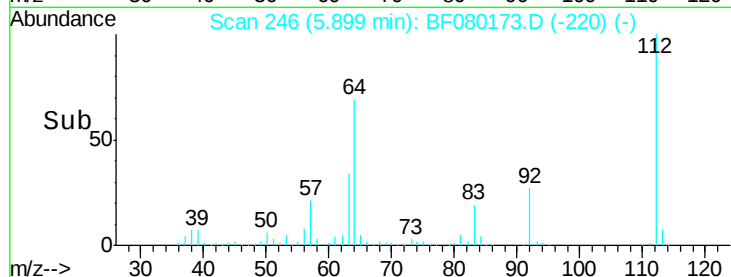
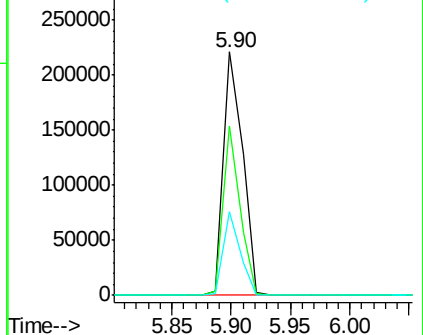
63 34.5 17.4 26.0#



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: 26.58 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

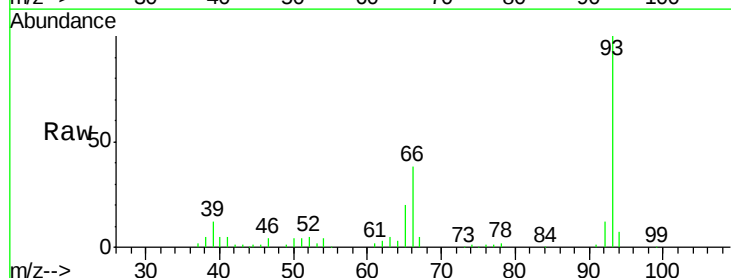
Tgt Ion: 93 Resp: 83489

Ion Ratio Lower Upper

93 100

66 38.0 27.2 40.8

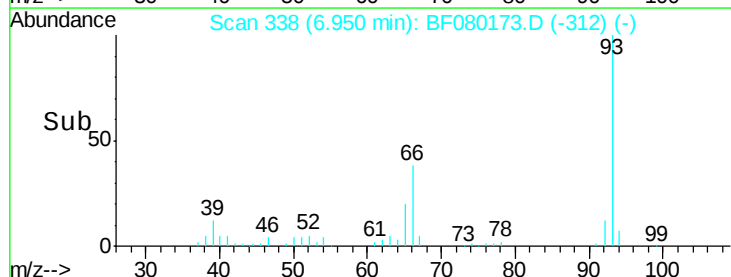
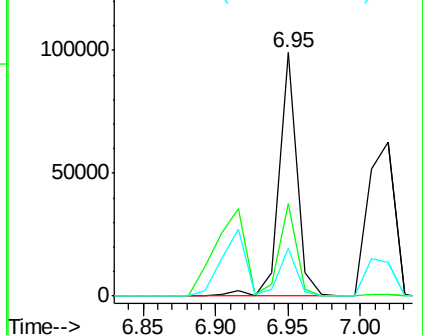
65 19.5 14.7 22.1



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: 140.13 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS

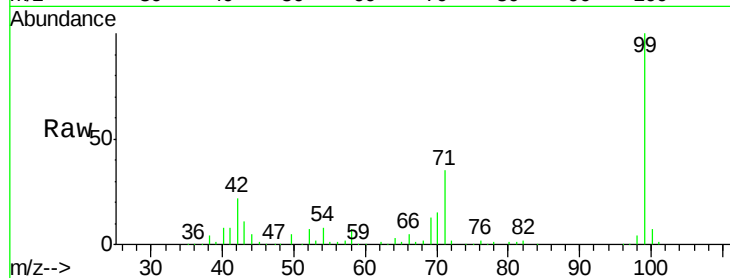
Tgt Ion: 99 Resp: 319985

Ion Ratio Lower Upper

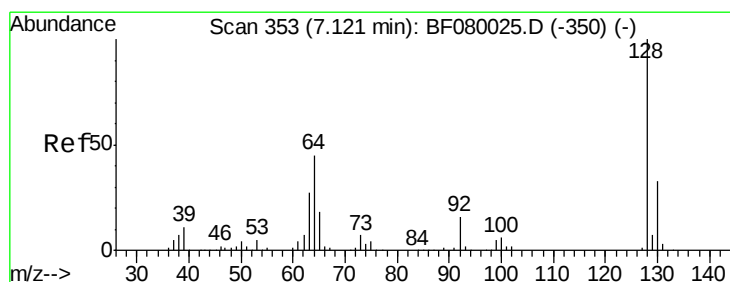
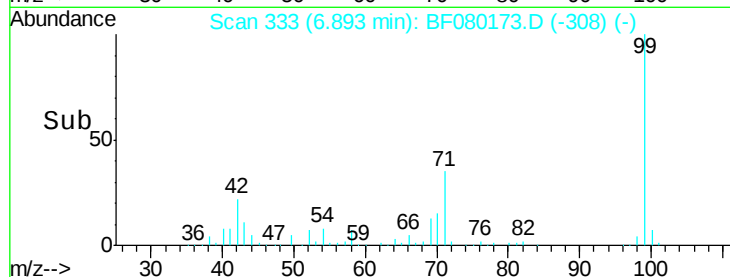
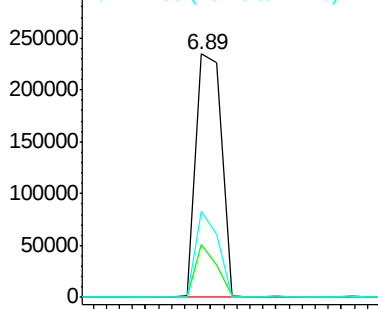
99 100

42 22.0 13.7 20.5#

71 35.3 14.2 21.2#



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



#8

2-Chlorophenol

Concen: 46.02 ng

RT: 7.08 min Scan# 349

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

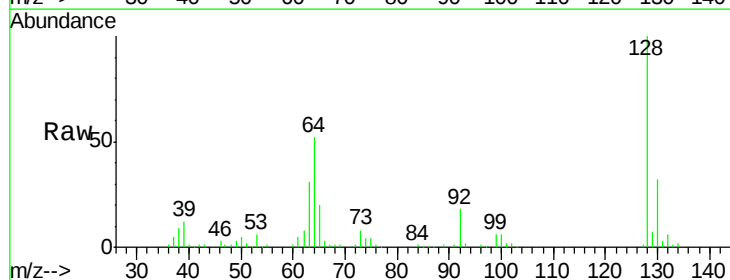
Tgt Ion: 128 Resp: 91274

Ion Ratio Lower Upper

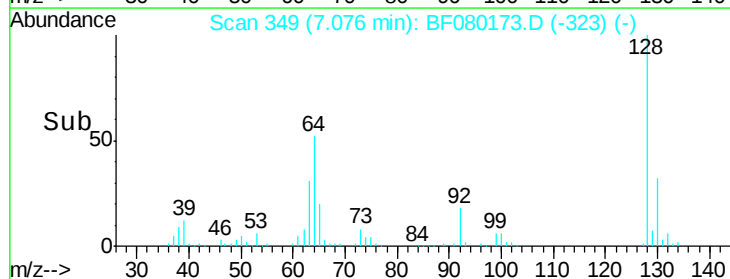
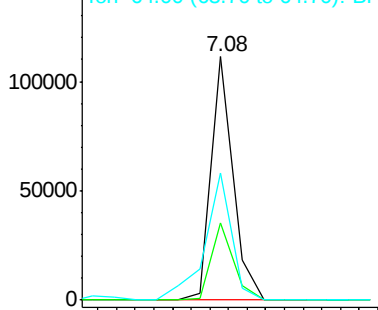
128 100

130 31.8 12.2 52.2

64 52.3 20.5 60.5



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: 36.12 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS

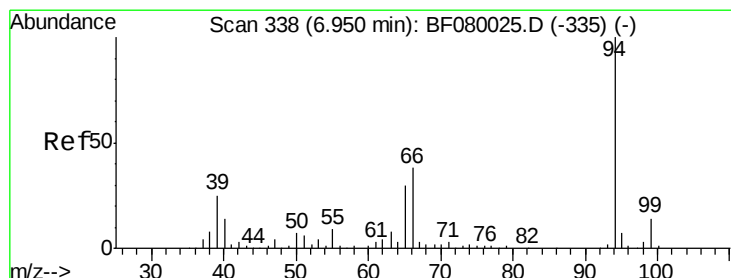
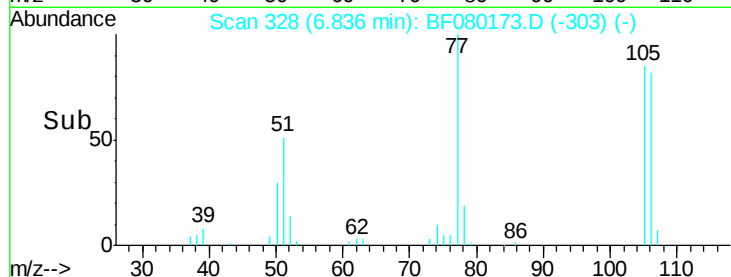
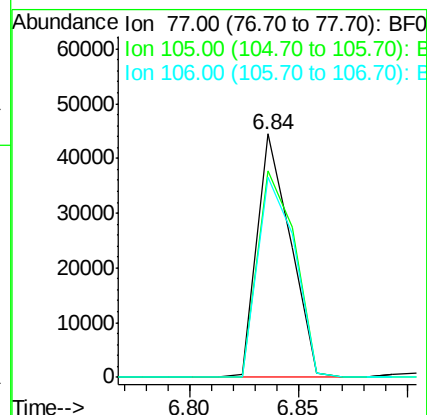
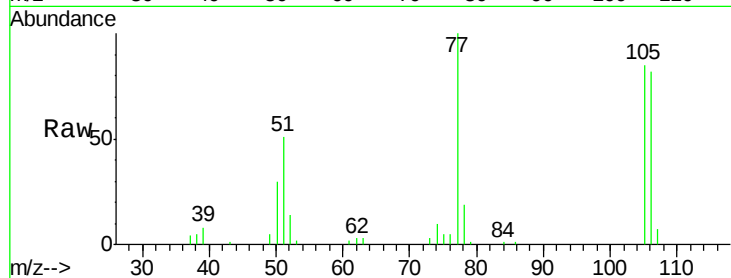
Tgt Ion: 77 Resp: 47617

Ion Ratio Lower Upper

77 100

105 84.7 91.6 131.6#

106 82.4 102.6 142.6#



#10

Phenol

Concen: 43.65 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

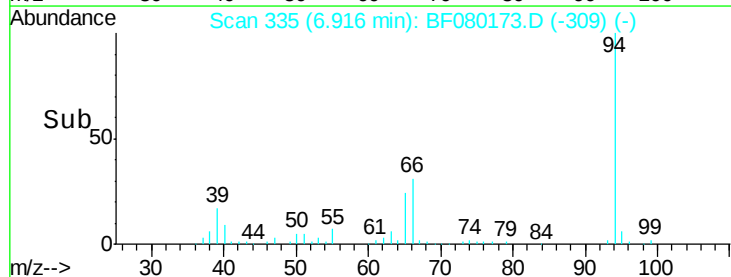
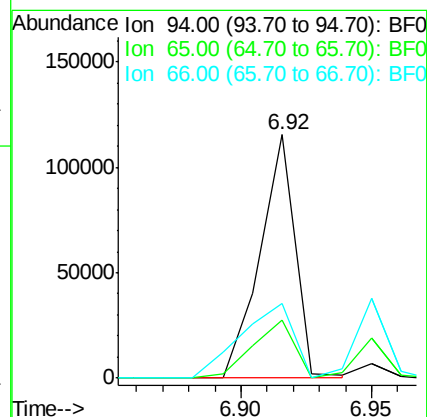
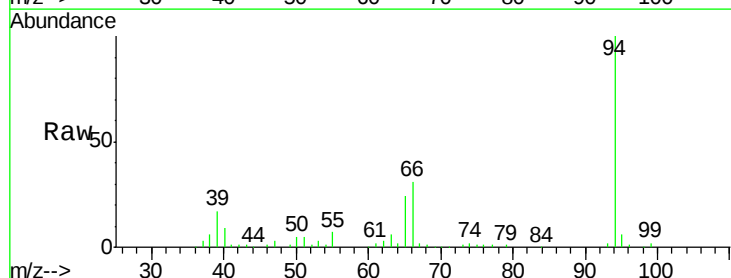
Tgt Ion: 94 Resp: 108775

Ion Ratio Lower Upper

94 100

65 23.8 0.7 40.7

66 30.7 0.8 40.8

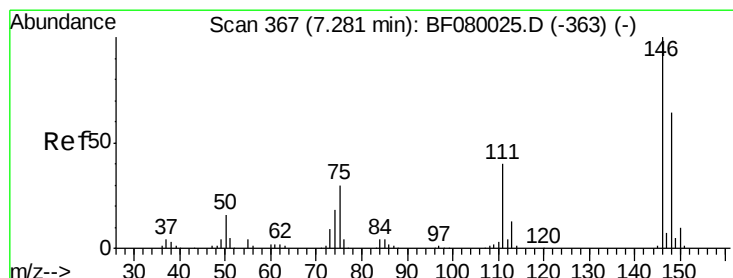
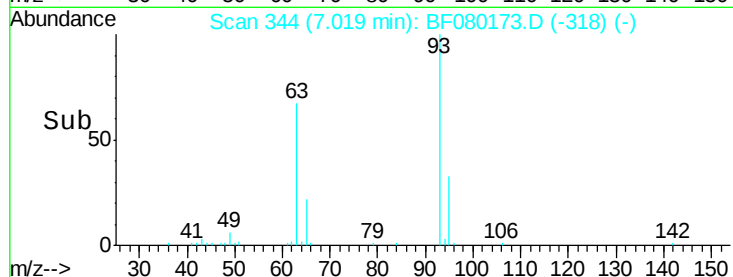
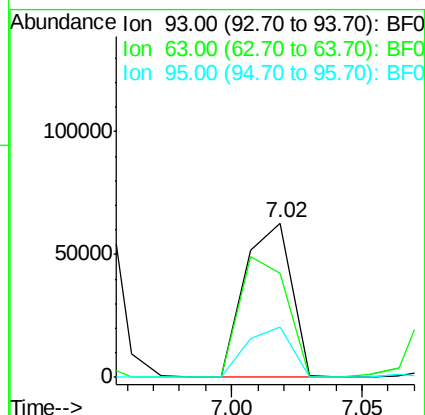
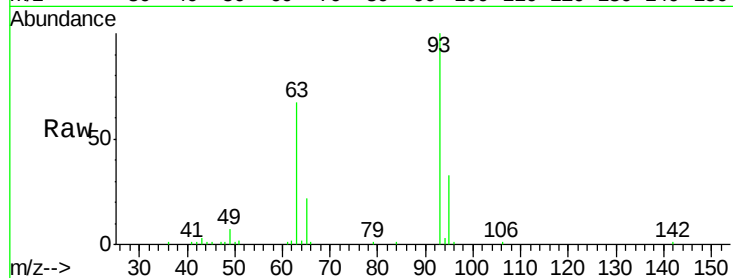




#11
bis(2-Chloroethyl)ether
Concen: 40.06 ng
RT: 7.02 min Scan# 344
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

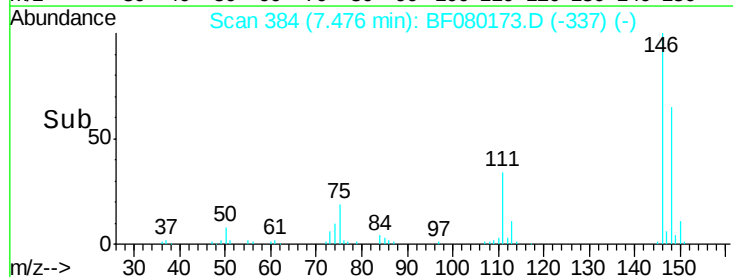
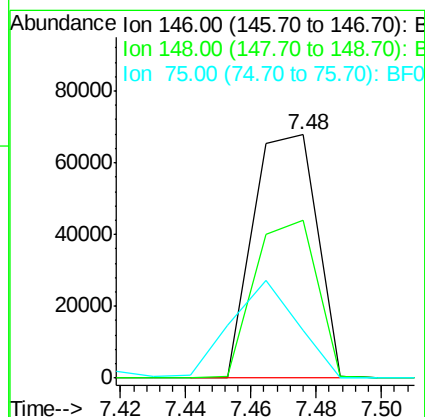
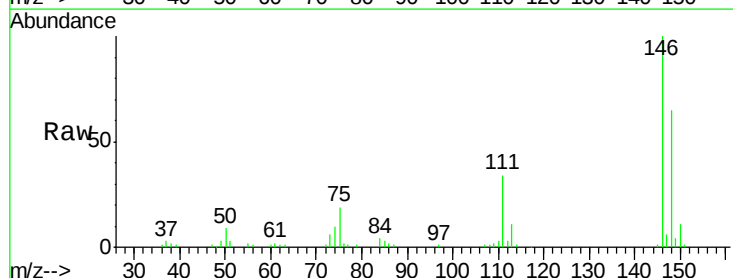
Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion: 93 Resp: 79195
Ion Ratio Lower Upper
93 100
63 67.4 65.6 105.6
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.46 ng
RT: 7.48 min Scan# 384
Delta R.T. 0.24 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion: 146 Resp: 91643
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.4
75 19.4 15.0 22.6

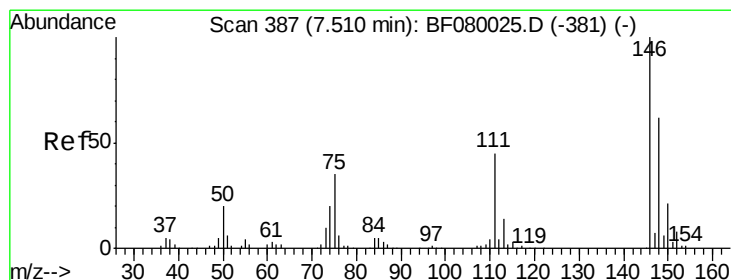
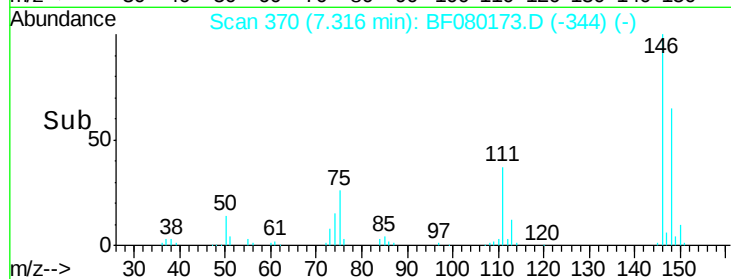
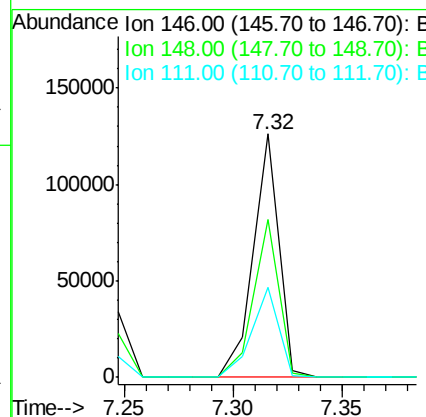
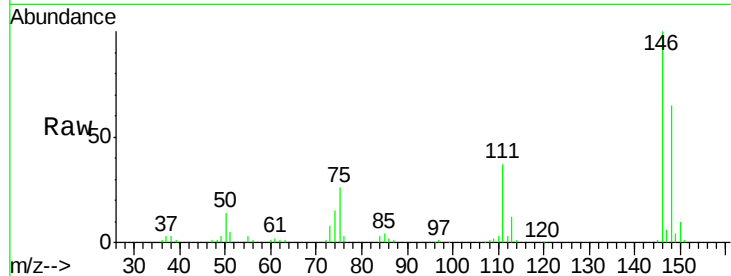




#13
 1,4-Dichlorobenzene
 Concen: 45.72 ng
 RT: 7.32 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

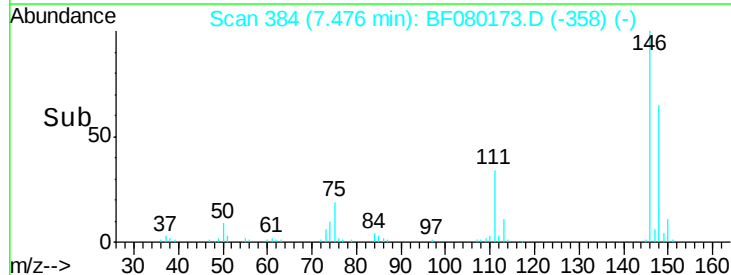
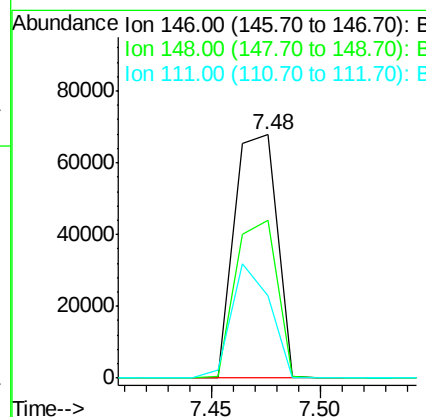
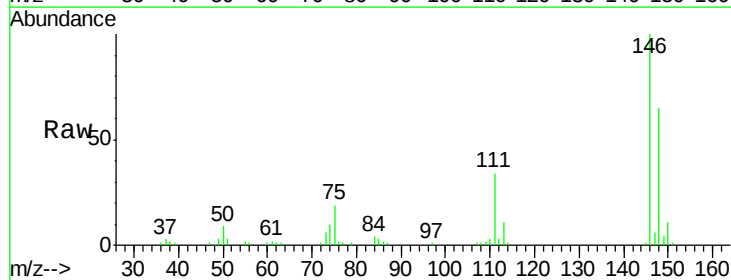
Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion:146 Resp: 103592
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.6
 111 36.7 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 41.57 ng
 RT: 7.48 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion:146 Resp: 91654
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.7 79.1
 111 33.6 28.8 43.2





#15

Benzyl Alcohol

Concen: 42.95 ng

RT: 7.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS

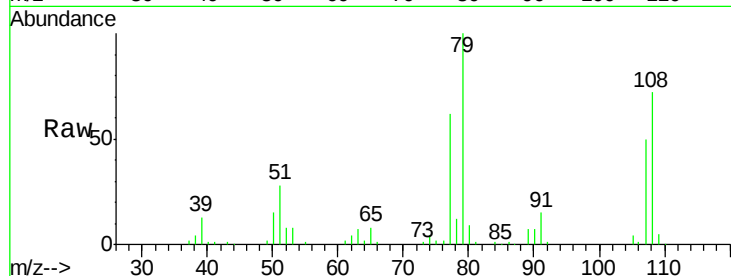
Tgt Ion: 79 Resp: 80184

Ion Ratio Lower Upper

79 100

108 72.0 88.6 132.8#

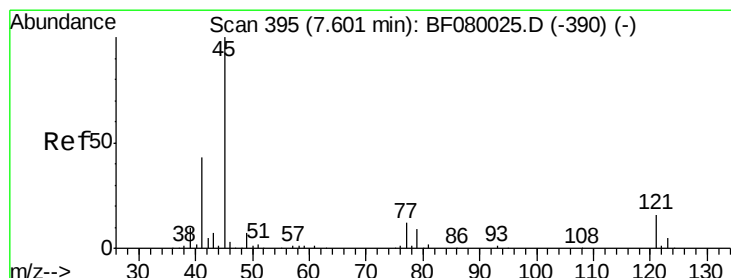
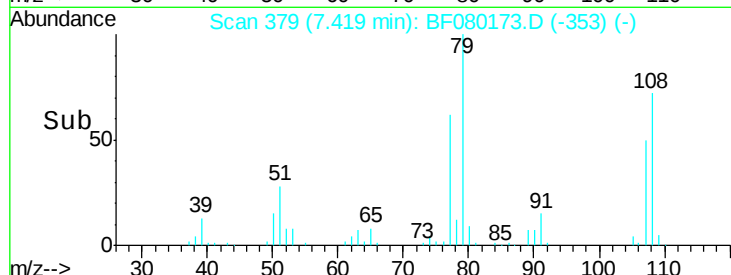
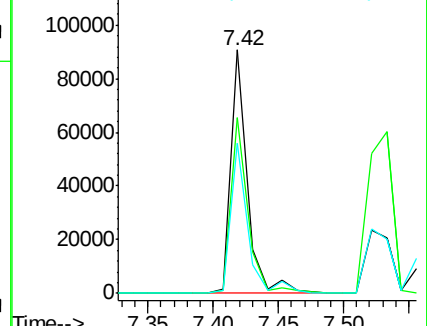
77 61.9 47.0 70.4



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: 47.87 ng

RT: 7.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

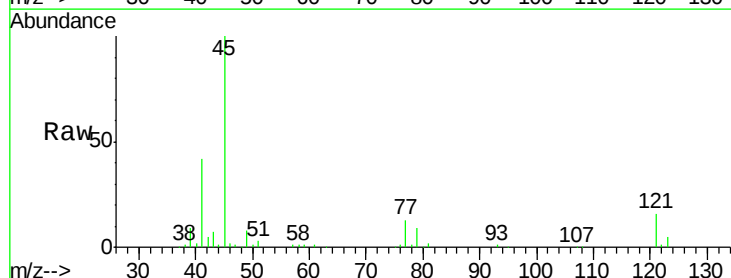
Tgt Ion: 45 Resp: 140480

Ion Ratio Lower Upper

45 100

77 12.9 0.0 28.1

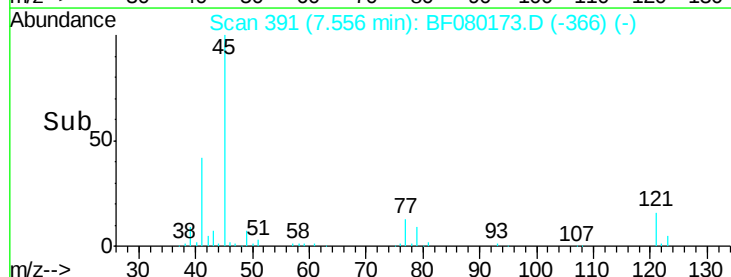
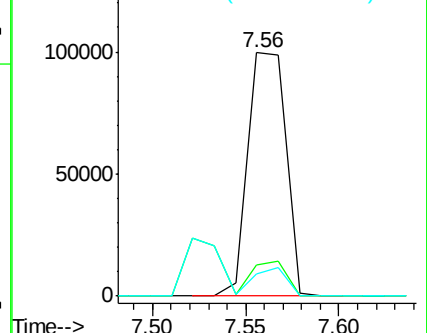
79 9.0 0.0 26.0

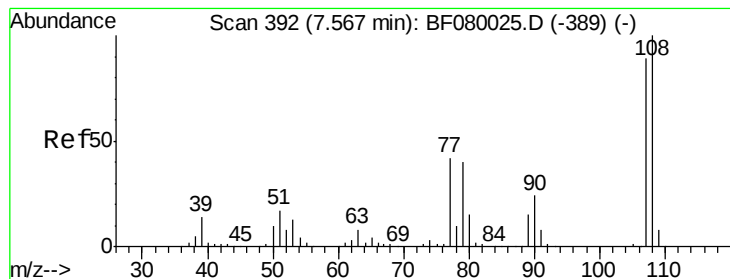


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

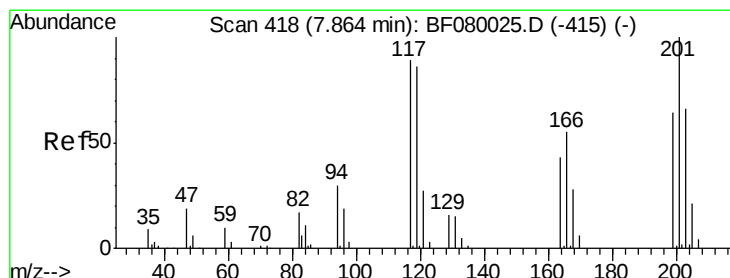
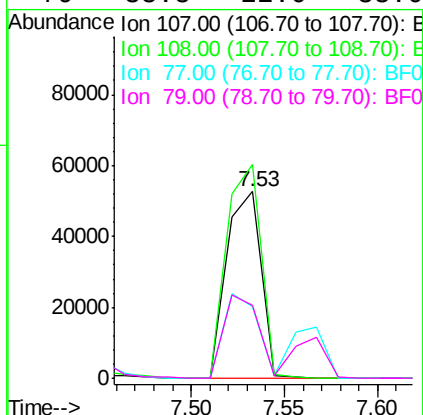
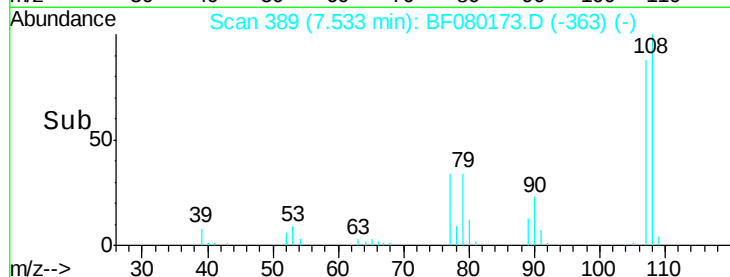
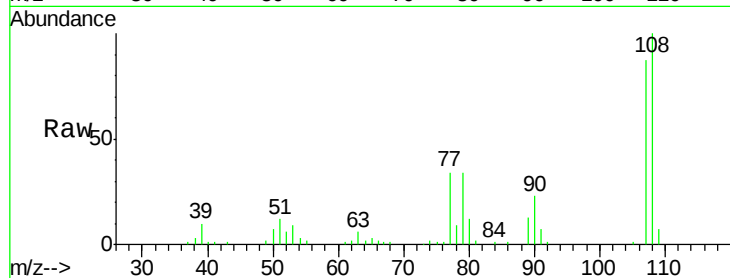




#17
2-Methylphenol
Concen: 40.17 ng
RT: 7.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

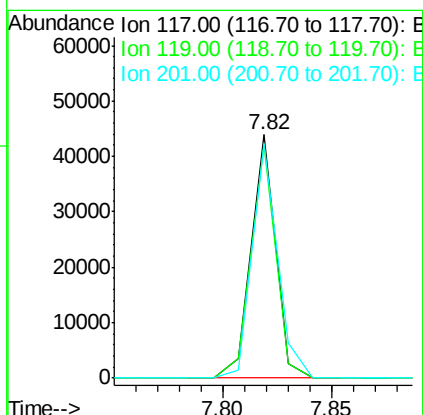
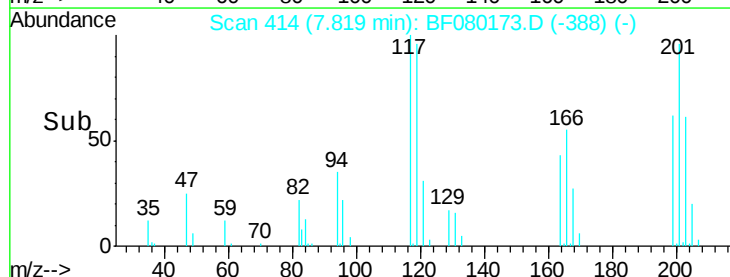
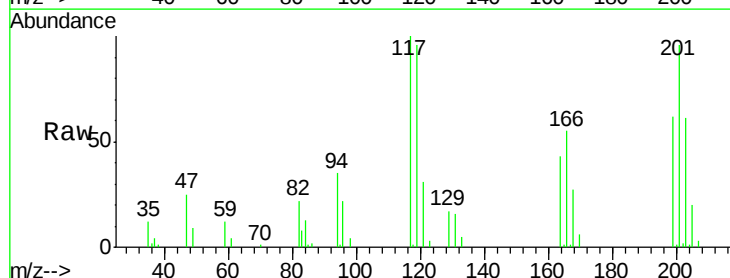
Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion:107 Resp: 68047
Ion Ratio Lower Upper
107 100
108 114.5 96.6 145.0
77 38.7 23.3 34.9#
79 38.8 22.0 33.0#



#18
Hexachloroethane
Concen: 45.71 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion:117 Resp: 34489
Ion Ratio Lower Upper
117 100
119 95.9 83.8 125.6
201 96.5 55.1 82.7#

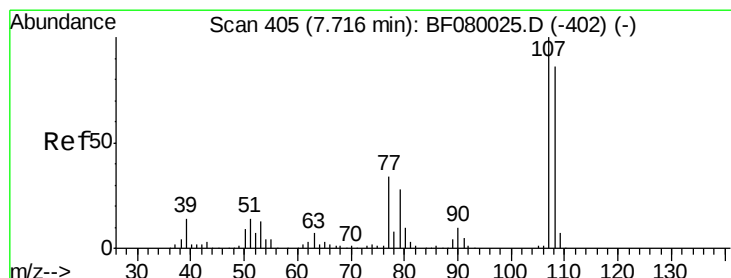
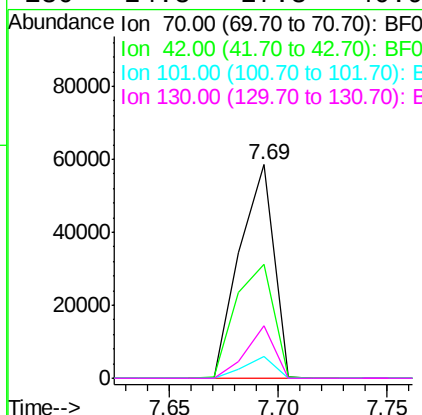
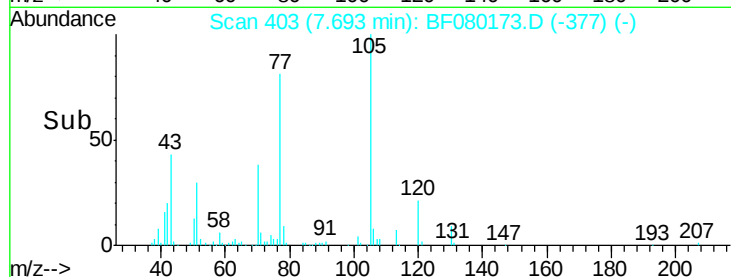
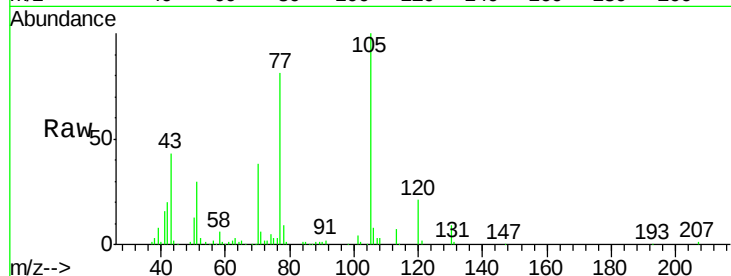




#19
n-Nitroso-di-n-propylamine
Concen: 40.39 ng
RT: 7.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

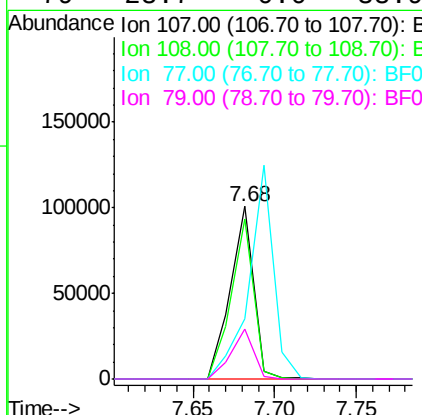
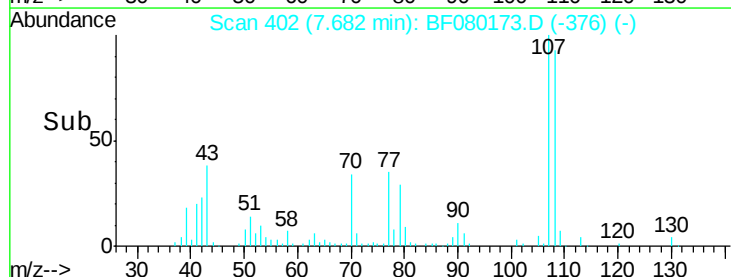
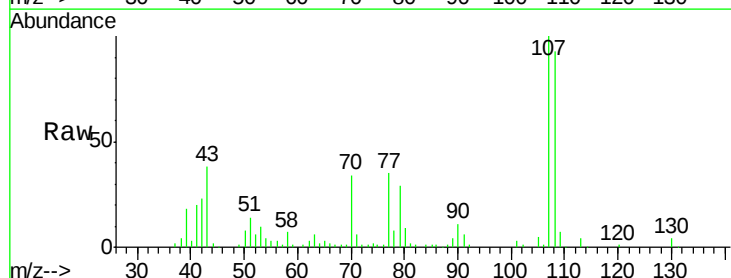
Instrument :
BNA_F
ClientSampleId :
PB84215BS

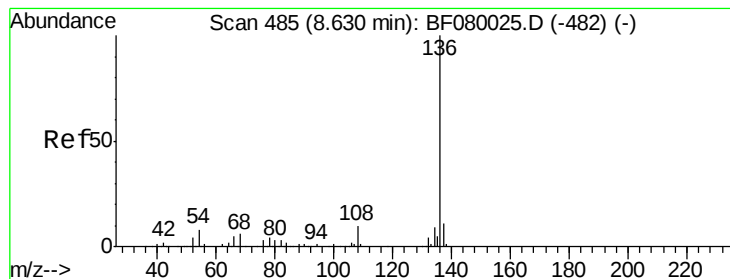
Tgt Ion: 70 Resp: 64034
Ion Ratio Lower Upper
70 100
42 53.6 63.8 95.6#
101 10.4 9.2 13.8
130 24.8 27.3 40.9#



#20
3+4-Methylphenols
Concen: 45.27 ng
RT: 7.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion: 107 Resp: 98975
Ion Ratio Lower Upper
107 100
108 92.9 74.6 114.6
77 34.6 0.7 40.7
79 28.7 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS

Tgt Ion:136 Resp: 120439

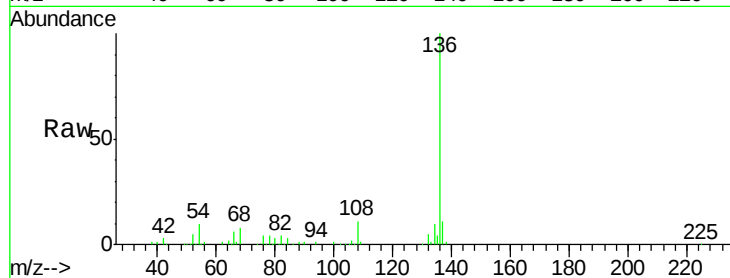
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 10.3 8.2 12.2

68 7.5 5.8 8.6

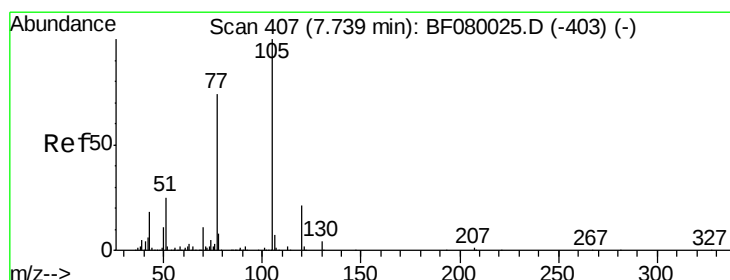
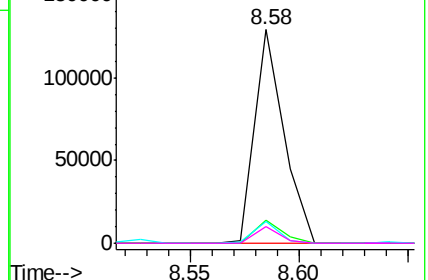
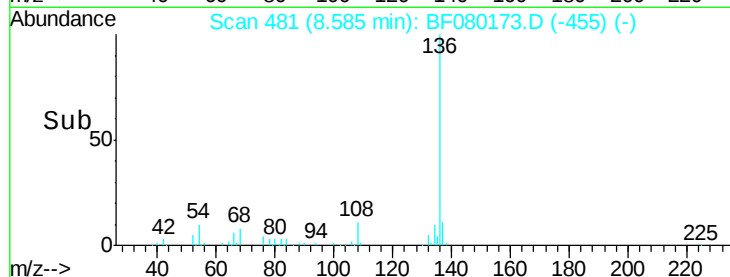


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.45 ng

RT: 7.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:105 Resp: 127554

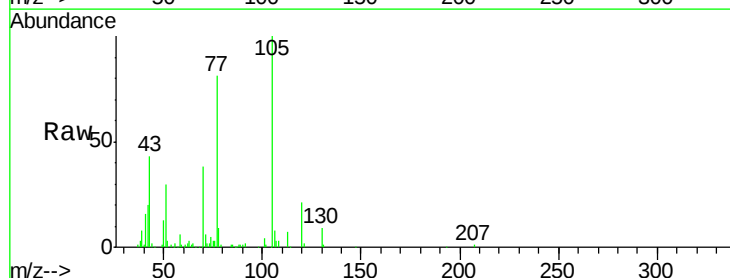
Ion Ratio Lower Upper

105 100

71 6.2 4.7 7.1

51 30.4 22.0 33.0

120 20.5 30.1 45.1#

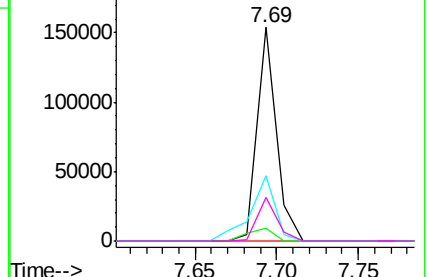
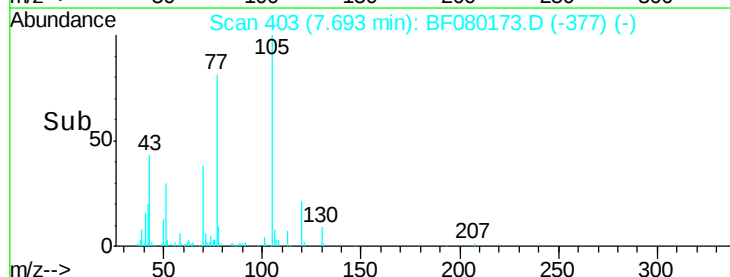


Abundance Ion 105.00 (104.70 to 105.70): E

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

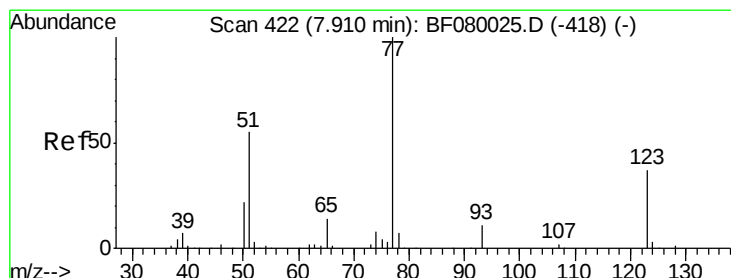
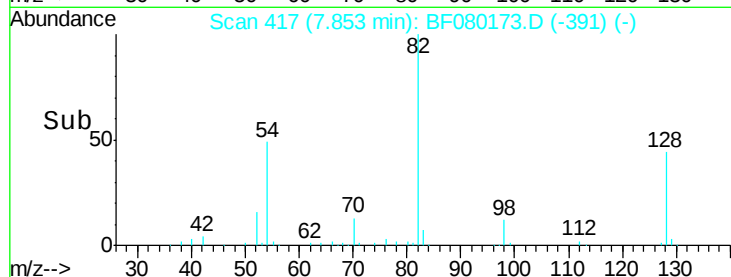
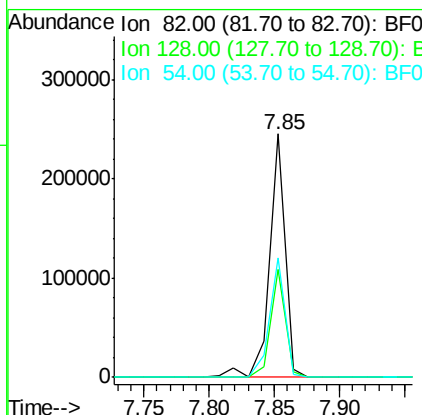
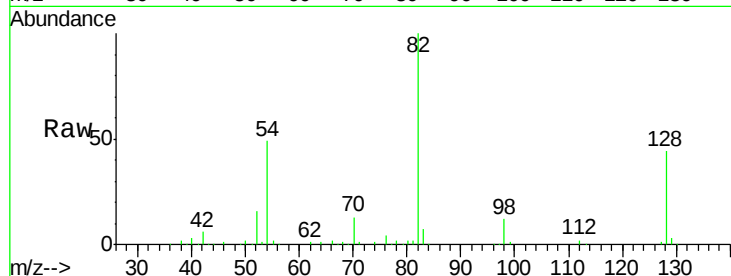




#23
 Nitrobenzene-d5
 Concen: 99.81 ng
 RT: 7.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

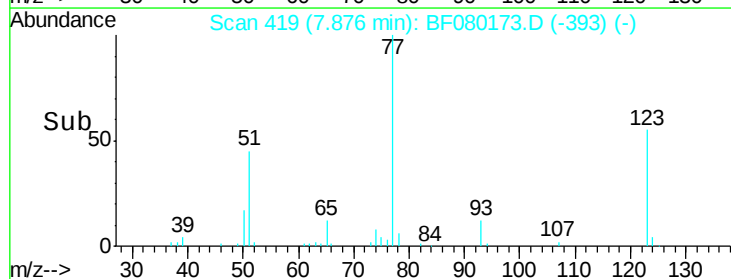
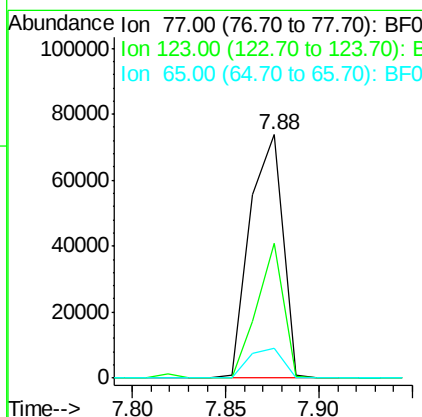
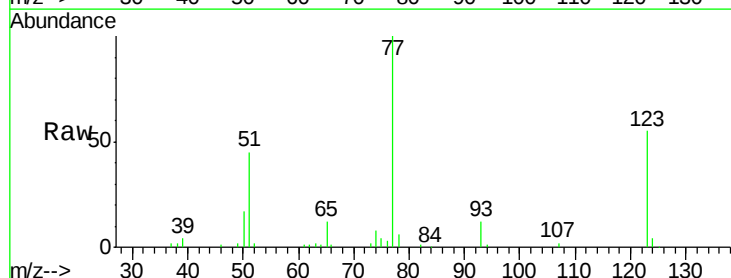
Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion: 82 Resp: 206488
 Ion Ratio Lower Upper
 82 100
 128 44.3 51.0 76.6#
 54 49.0 47.5 71.3



#24
 Nitrobenzene
 Concen: 42.12 ng
 RT: 7.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion: 77 Resp: 89934
 Ion Ratio Lower Upper
 77 100
 123 55.4 59.8 89.8#
 65 12.1 10.2 15.4





#25

Isophorone

Concen: 40.55 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS

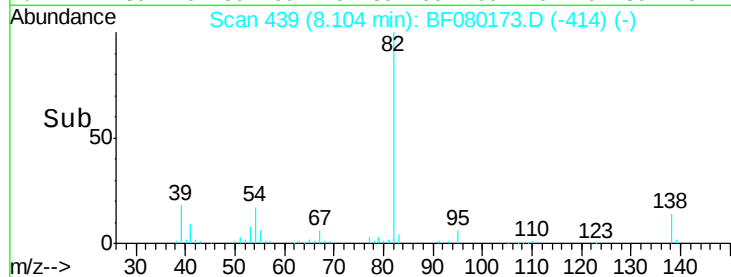
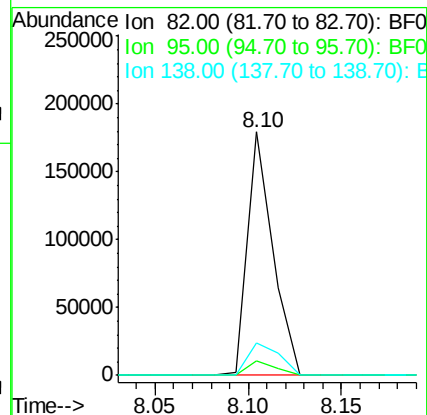
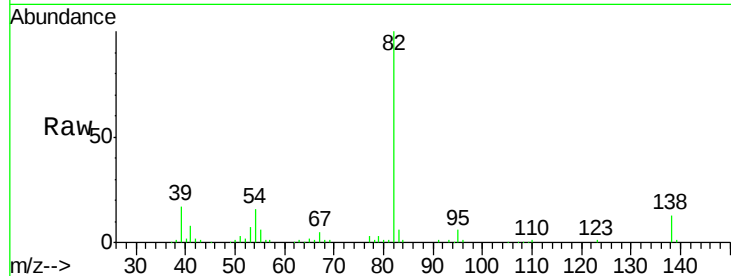
Tgt Ion: 82 Resp: 168815

Ion Ratio Lower Upper

82 100

95 6.0 4.0 6.0#

138 13.4 18.3 27.5#



#26

2-Nitrophenol

Concen: 50.76 ng

RT: 8.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

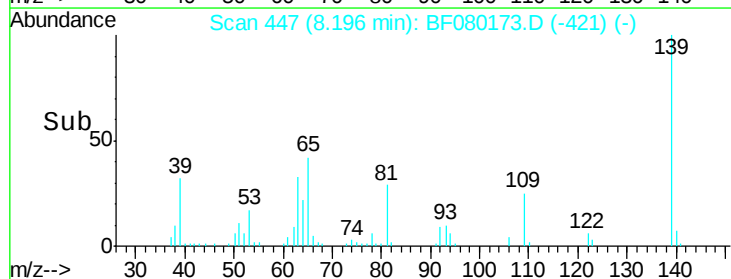
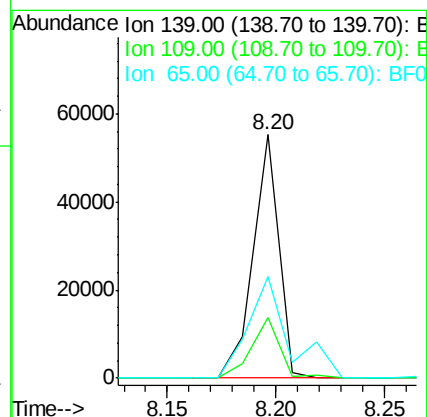
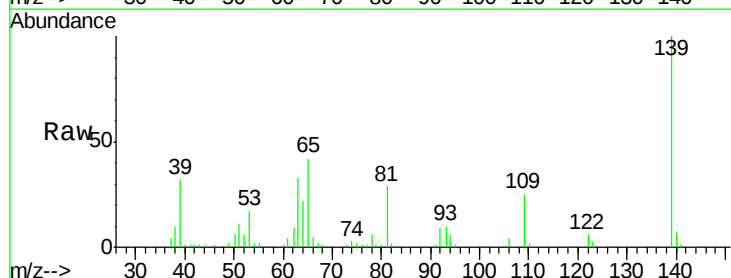
Tgt Ion: 139 Resp: 45364

Ion Ratio Lower Upper

139 100

109 24.8 11.0 16.4#

65 41.6 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 46.43 ng

RT: 8.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS

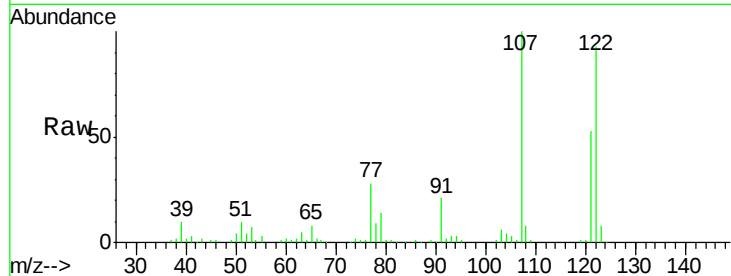
Tgt Ion:122 Resp: 86538

Ion Ratio Lower Upper

122 100

107 107.6 71.8 107.6

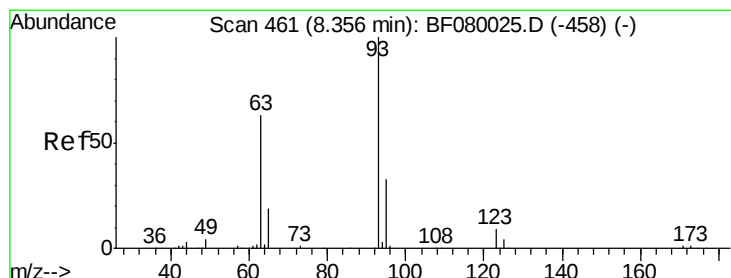
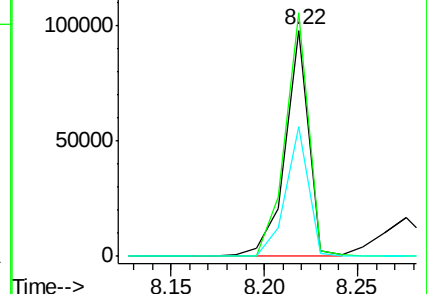
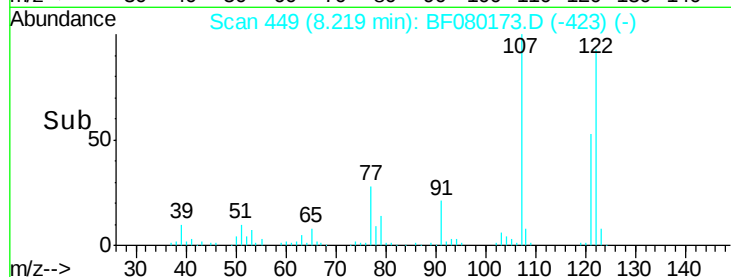
121 57.3 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.66 ng

RT: 8.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

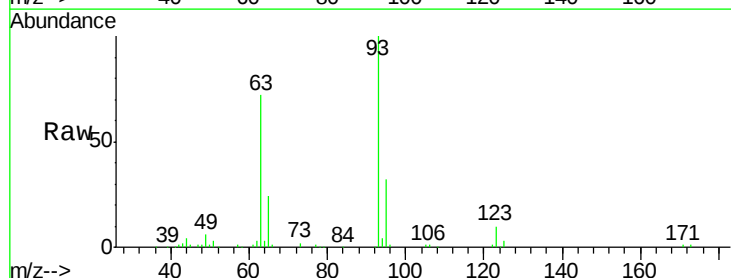
Tgt Ion: 93 Resp: 106805

Ion Ratio Lower Upper

93 100

95 32.3 27.5 41.3

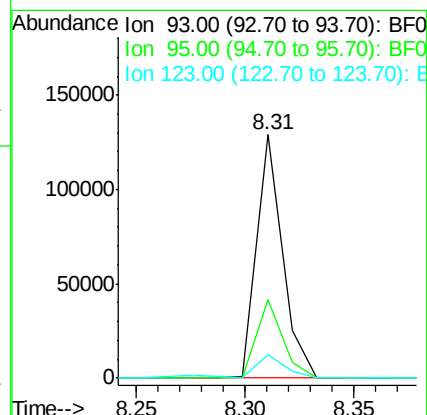
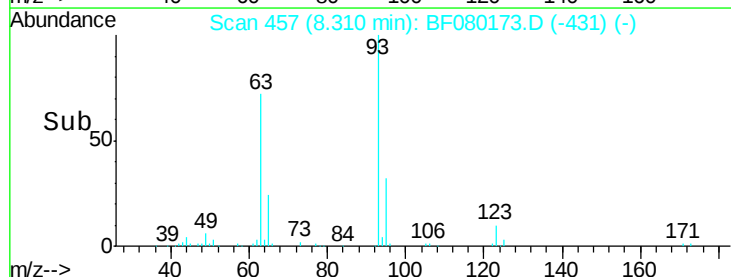
123 9.7 13.7 20.5#

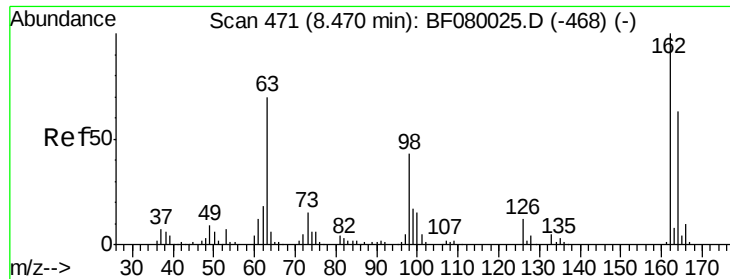


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

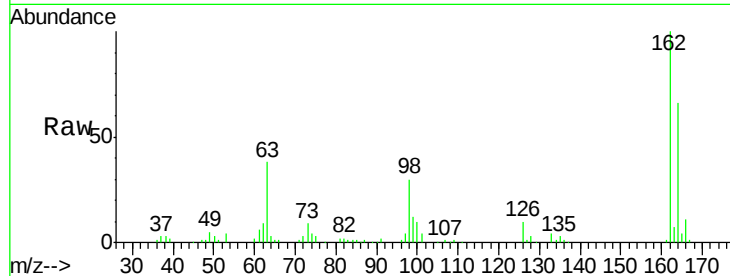




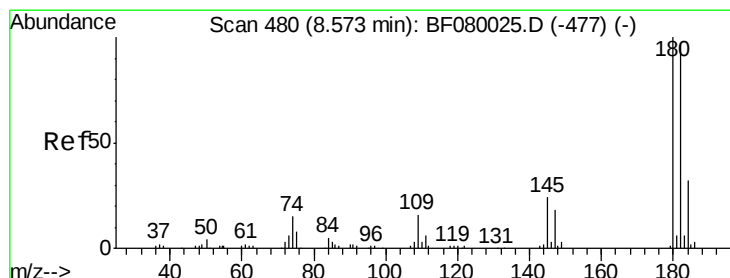
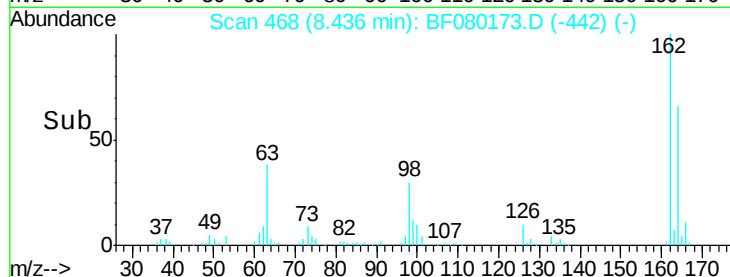
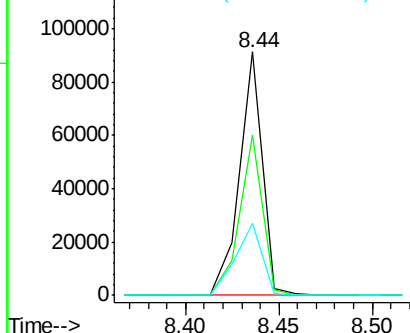
#29
2,4-Dichlorophenol
Concen: 49.25 ng
RT: 8.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion:162 Resp: 78603
Ion Ratio Lower Upper
162 100
164 65.7 44.9 84.9
98 29.8 13.0 53.0

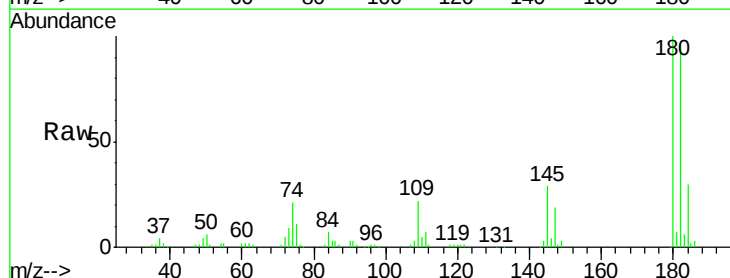


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

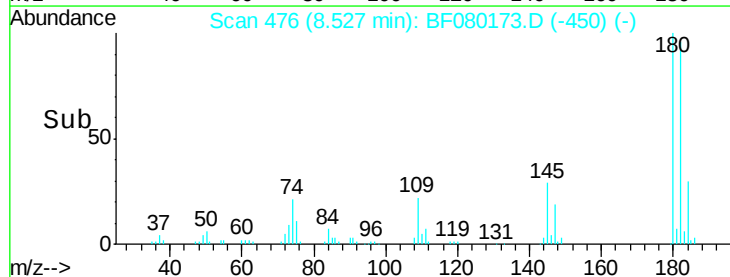
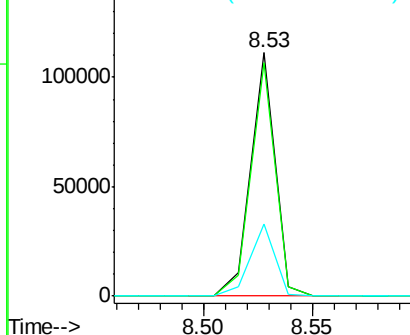


#30
1,2,4-Trichlorobenzene
Concen: 47.90 ng
RT: 8.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion:180 Resp: 86829
Ion Ratio Lower Upper
180 100
182 95.9 77.1 115.7
145 29.5 23.3 34.9



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

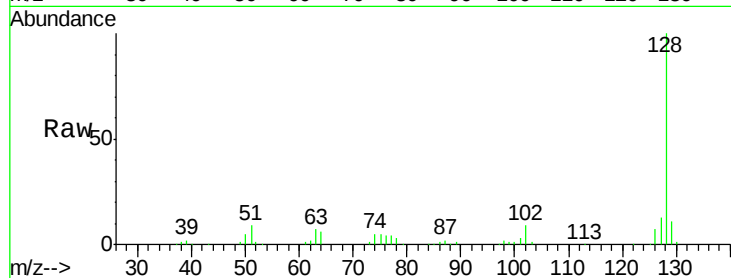




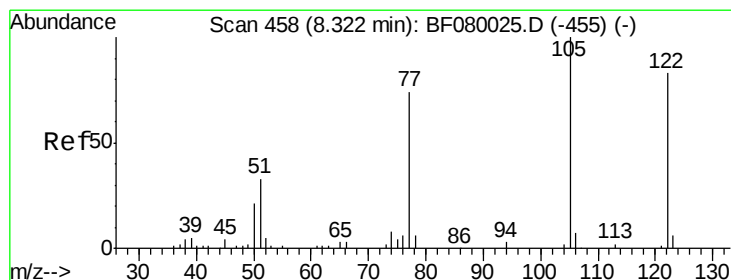
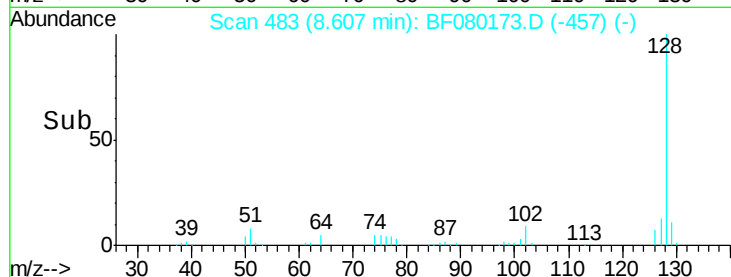
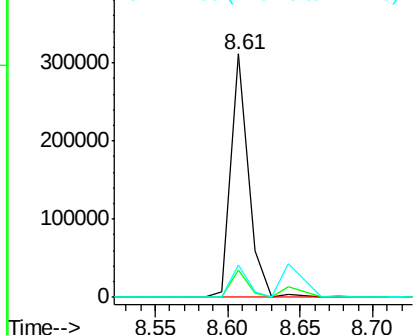
#31
Naphthalene
Concen: 41.88 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion:128 Resp: 263715
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.4 9.9 14.9

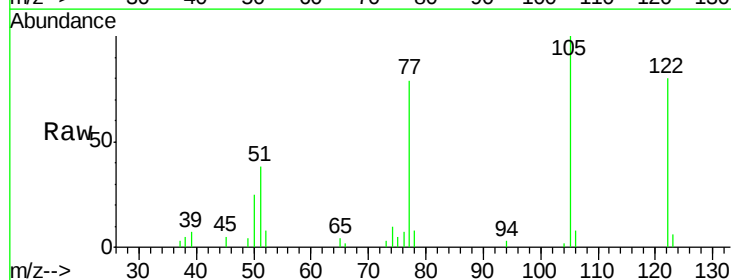


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

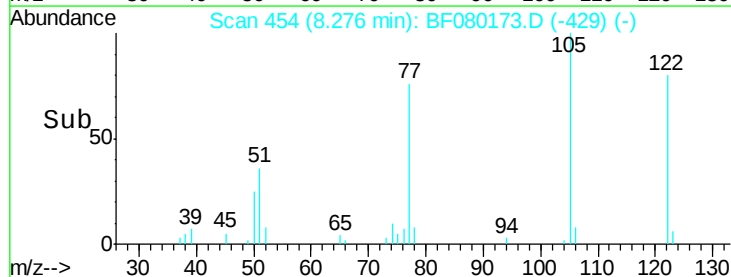
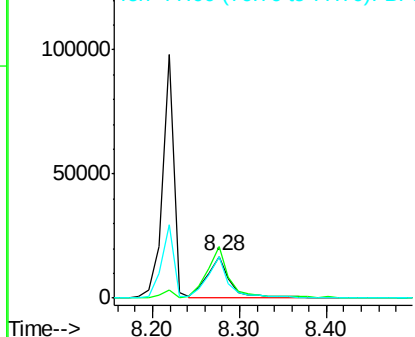


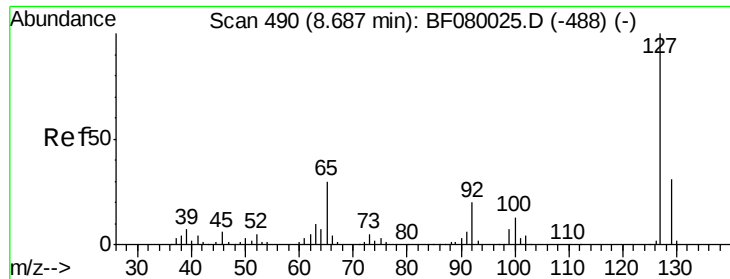
#32
Benzoic acid
Concen: 28.27 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion:122 Resp: 31855
Ion Ratio Lower Upper
122 100
105 125.3 76.1 116.1#
77 98.4 40.5 80.5#



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

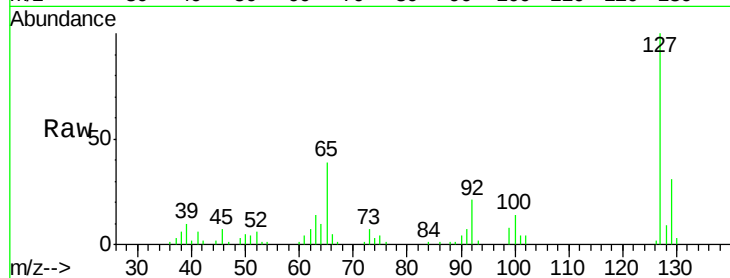




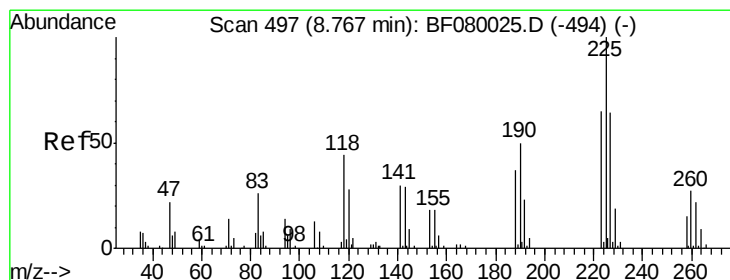
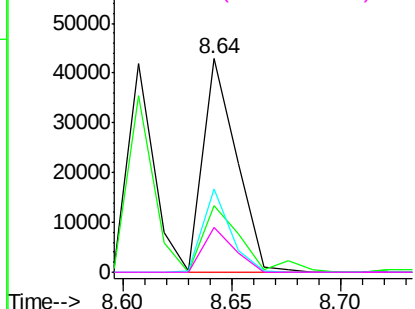
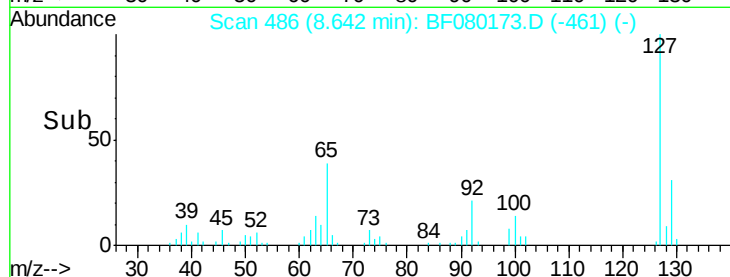
#33
 4-Chloroaniline
 Concen: 16.82 ng
 RT: 8.64 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion:127 Resp: 45334
 Ion Ratio Lower Upper
 127 100
 129 31.1 25.8 38.6
 65 38.8 17.9 26.9#
 92 21.3 10.5 15.7#

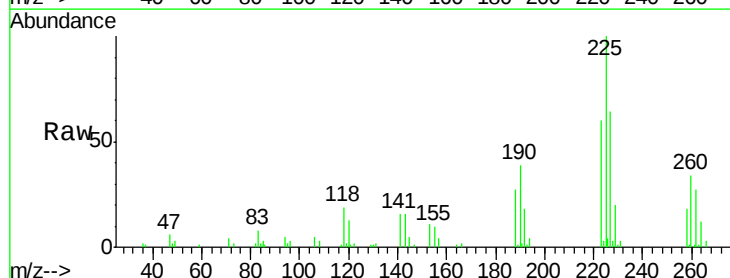


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

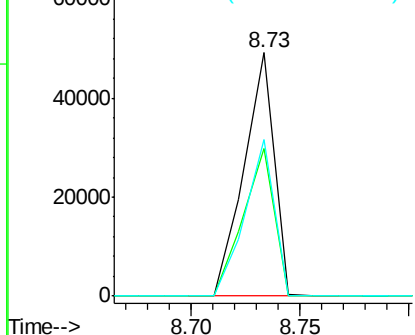
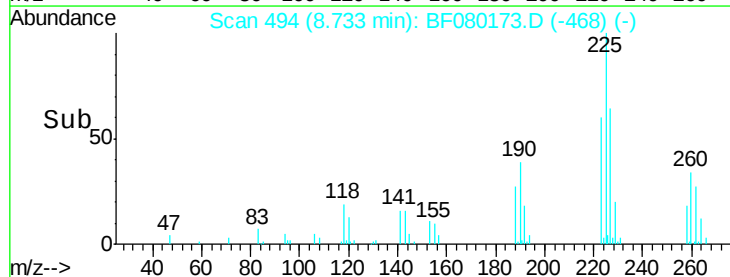


#34
 Hexachlorobutadiene
 Concen: 42.36 ng
 RT: 8.73 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion:225 Resp: 47279
 Ion Ratio Lower Upper
 225 100
 223 60.5 50.2 75.2
 227 64.5 52.2 78.2



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

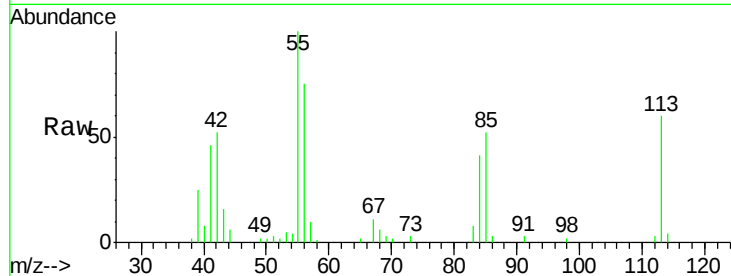




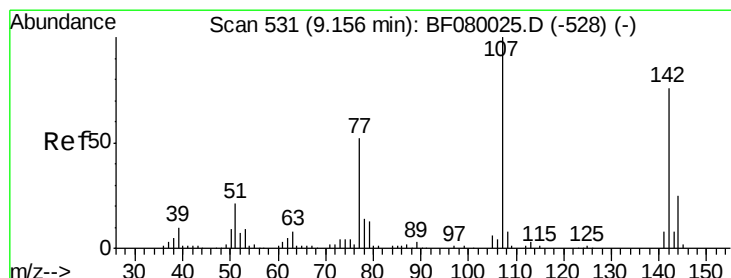
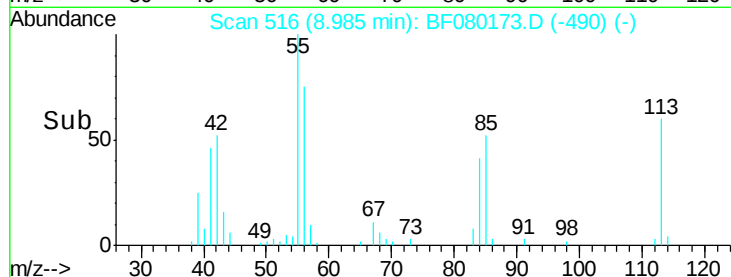
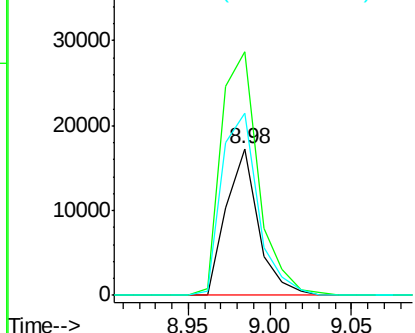
#35
 Caprolactam
 Concen: 45.19 ng
 RT: 8.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion:113 Resp: 23412
 Ion Ratio Lower Upper
 113 100
 55 165.9 152.4 192.4
 56 124.1 104.6 144.6

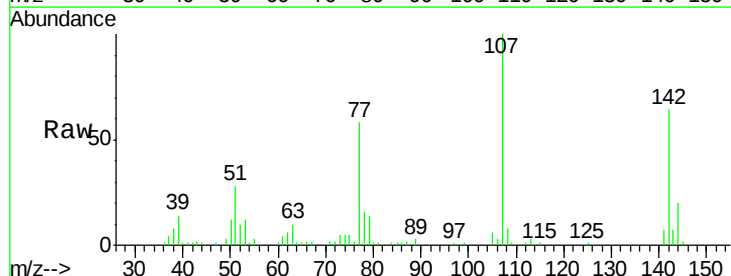


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

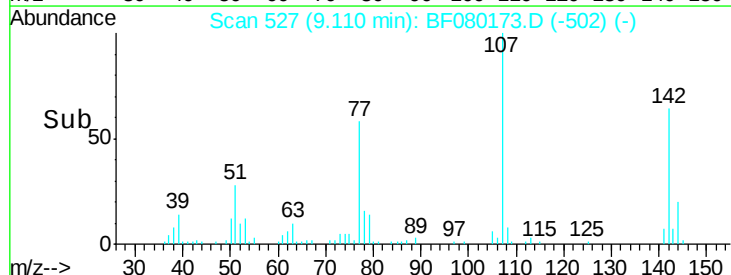
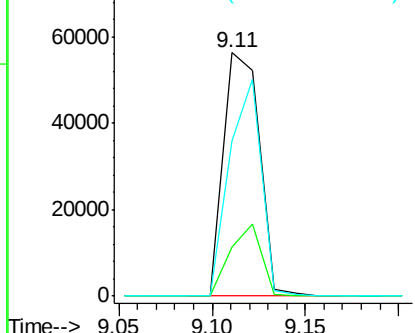


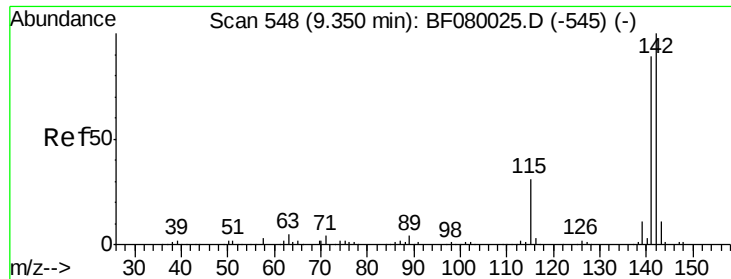
#36
 4-Chloro-3-methylphenol
 Concen: 42.12 ng
 RT: 9.11 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion:107 Resp: 75834
 Ion Ratio Lower Upper
 107 100
 144 20.4 25.4 38.0#
 142 63.8 77.3 115.9#



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

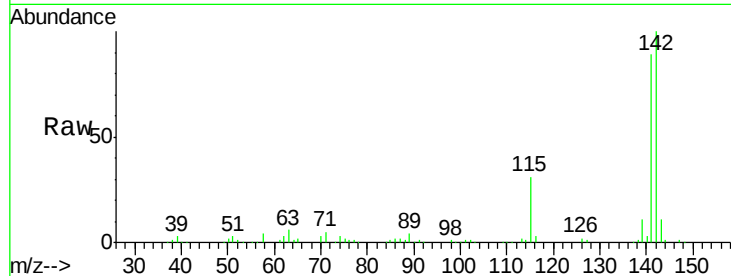




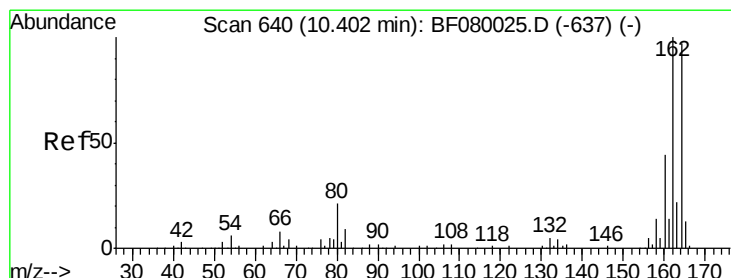
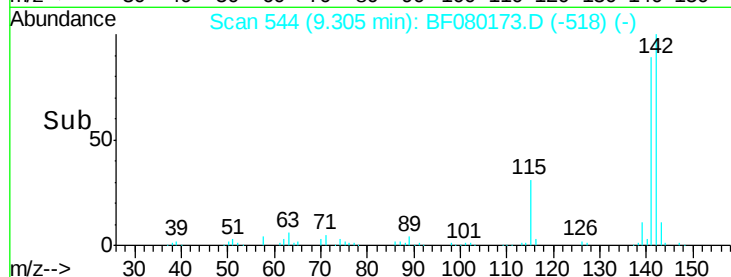
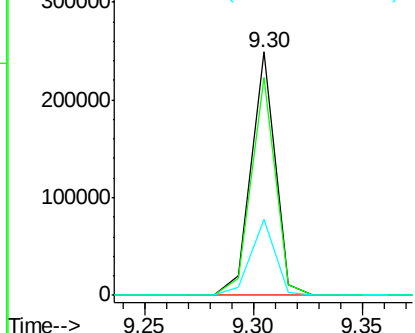
#37
 2-Methylnaphthalene
 Concen: 47.27 ng
 RT: 9.30 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion:142 Resp: 192540
 Ion Ratio Lower Upper
 142 100
 141 89.3 67.5 101.3
 115 31.4 18.2 27.2#

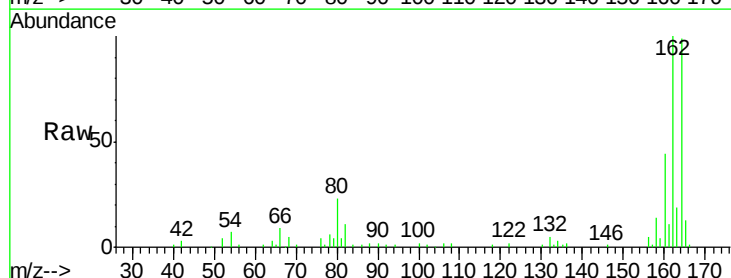


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

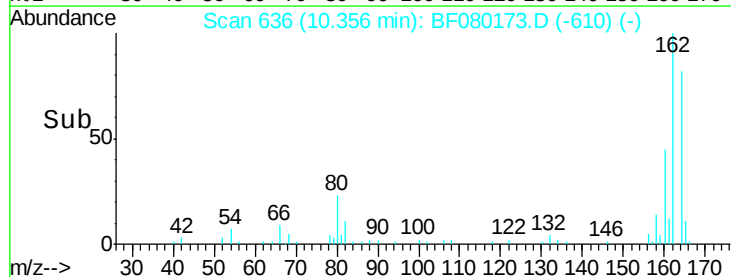
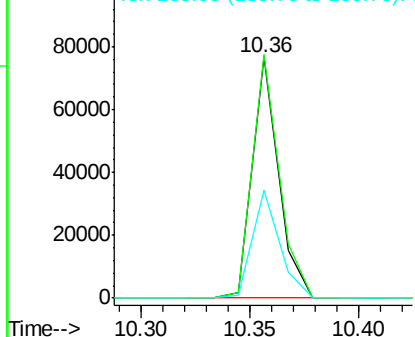


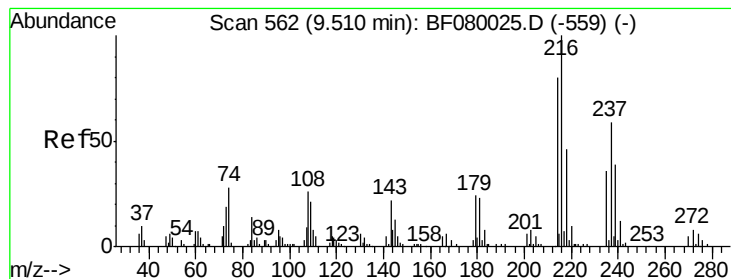
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion:164 Resp: 64134
 Ion Ratio Lower Upper
 164 100
 162 101.2 75.2 112.8
 160 44.8 31.5 47.3



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: 45.48 ng

RT: 9.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS

Tgt Ion:216 Resp: 84873

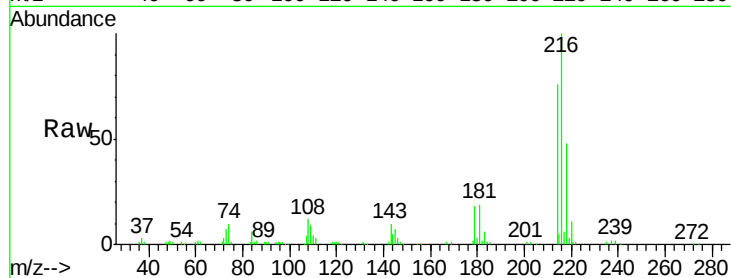
Ion Ratio Lower Upper

216 100

214 76.9 63.5 95.3

179 19.7 16.6 24.8

108 18.3 16.3 24.5

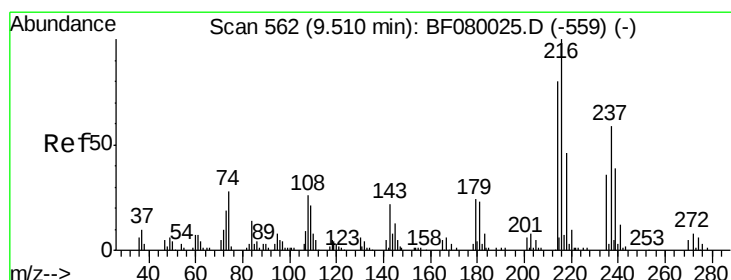
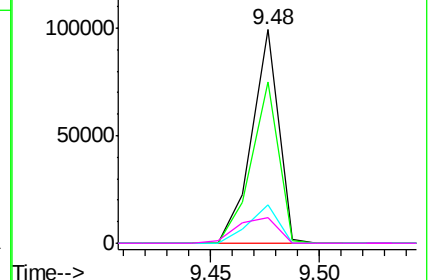
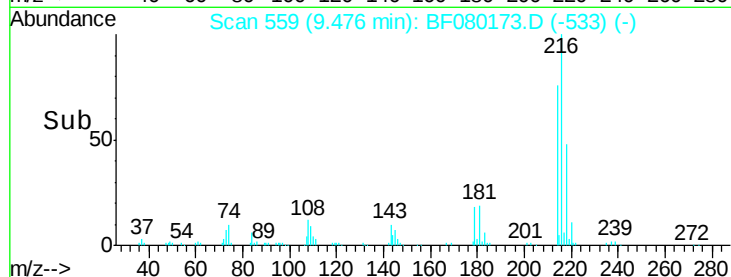


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.33 ng

RT: 9.46 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

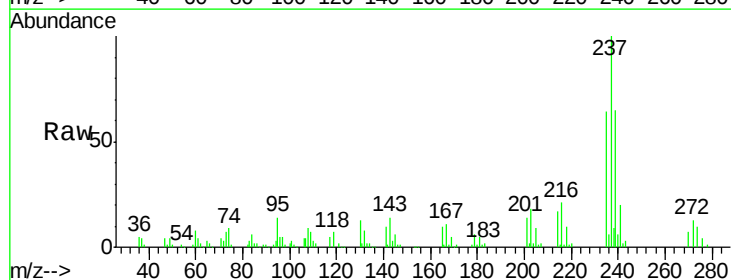
Tgt Ion:237 Resp: 83428

Ion Ratio Lower Upper

237 100

235 63.7 42.0 82.0

272 12.9 0.0 36.1



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

