

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080207.D
 Acq On : 29 Jun 2015 15:08
 Operator : TP/IZ
 Sample : PB84255BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Quant Time: Jun 30 01:42:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	38805	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	155866	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	83807	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	170129	20.00	ng	-0.05
75) Chrysene-d12	14.87	240	183010	20.00	ng	-0.13
86) Perylene-d12	16.77	264	179924	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	215375	98.25	ng	-0.02
7) Phenol-d6	6.90	99	284451	97.51	ng	-0.02
23) Nitrobenzene-d5	7.85	82	174781	65.28	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	71849	87.67	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	323189	55.00	ng	-0.03
78) Terphenyl-d14	13.57	244	407881	52.05	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	23897	22.93	ng	90
3) Pyridine	3.98	79	86259	31.13	ng	# 83
4) n-Nitrosodimethylamine	3.89	42	35759	27.15	ng	98
6) Aniline	6.95	93	96440	24.03	ng	95
8) 2-Chlorophenol	7.08	128	77003	30.39	ng	88
9) Benzaldehyde	6.84	77	32201	19.12	ng	# 68
10) Phenol	6.92	94	99388	31.22	ng	84
11) bis(2-Chloroethyl)ether	7.02	93	67741	26.82	ng	85
12) 1,3-Dichlorobenzene	7.48	146	78851	25.91	ng	98
13) 1,4-Dichlorobenzene	7.32	146	94150	32.53	ng	95
14) 1,2-Dichlorobenzene	7.48	146	78857	28.00	ng	98
15) Benzyl Alcohol	7.42	79	65095	27.29	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.57	45	118771	31.68	ng	83
17) 2-Methylphenol	7.53	107	60316	27.87	ng	# 90
18) Hexachloroethane	7.82	117	28707	29.79	ng	# 80
19) n-Nitroso-di-n-propylamine	7.69	70	52879	26.11	ng	# 75
20) 3+4-Methylphenols	7.68	107	83136	29.77	ng	91
22) Acetophenone	7.69	105	107593	29.62	ng	# 82
24) Nitrobenzene	7.88	77	77011	27.87	ng	# 79
25) Isophorone	8.10	82	142291	26.41	ng	# 83
26) 2-Nitrophenol	8.20	139	37370	32.31	ng	# 78
27) 2,4-Dimethylphenol	8.22	122	71983	29.84	ng	# 83
28) bis(2-Chloroethoxy)methane	8.31	93	86909	27.45	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	68244	33.04	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	75548	32.21	ng	96
31) Naphthalene	8.61	128	232073	28.48	ng	99
32) Benzoic acid	8.28	122	13796	9.46	ng	# 66
33) 4-Chloroaniline	8.64	127	66659	19.11	ng	# 82
34) Hexachlorobutadiene	8.73	225	39551	27.38	ng	98
35) Caprolactam	8.98	113	18757	27.98	ng	95
36) 4-Chloro-3-methylphenol	9.12	107	61822	26.53	ng	97
37) 2-Methylnaphthalene	9.30	142	162845	30.89	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	72950	29.91	ng	98
40) Hexachlorocyclopentadiene	9.46	237	54023	45.93	ng	98

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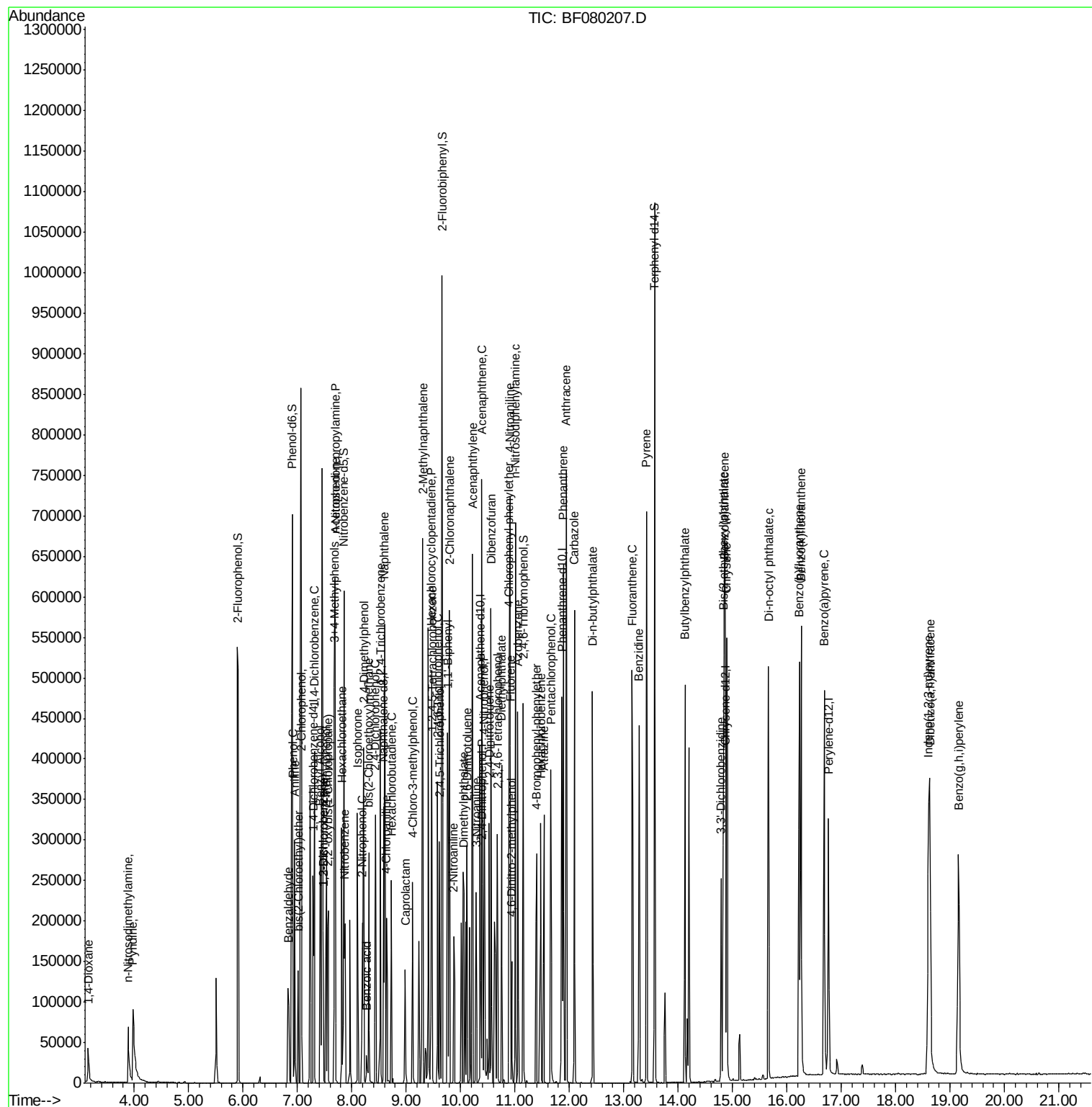
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	49221	29.66	ng	98
43) 2,4,5-Trichlorophenol	9.61	196	46850	24.51	ng #	89
45) 1,1'-Biphenyl	9.76	154	179241	26.29	ng	94
46) 2-Chloronaphthalene	9.80	162	154019	27.84	ng	96
47) 2-Nitroaniline	9.88	65	37992	25.02	ng #	59
48) Acenaphthylene	10.22	152	253396	27.44	ng	97
49) Dimethylphthalate	10.06	163	161225	25.59	ng #	97
50) 2,6-Dinitrotoluene	10.12	165	32750	25.93	ng #	44
51) Acenaphthene	10.39	154	153184	27.12	ng	89
52) 3-Nitroaniline	10.29	138	34757	23.85	ng #	51
53) 2,4-Dinitrophenol	10.40	184	24159	49.40	ng #	9
54) Dibenzofuran	10.56	168	218304	27.23	ng #	90
55) 4-Nitrophenol	10.44	139	59640	51.20	ng #	47
56) 2,4-Dinitrotoluene	10.53	165	50432	31.46	ng #	84
57) Fluorene	10.92	166	168507	26.49	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	40562	25.13	ng #	98
59) Diethylphthalate	10.76	149	156757	24.71	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	81660	26.72	ng #	89
61) 4-Nitroaniline	10.90	138	41709	27.71	ng #	51
62) Azobenzene	11.05	77	166927	25.85	ng	85
64) 4,6-Dinitro-2-methylphenol	10.94	198	18176	26.27	ng	88
65) n-Nitrosodiphenylamine	11.01	169	151817	27.40	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	50823	28.09	ng #	86
67) Hexachlorobenzene	11.48	284	53430	26.58	ng #	80
68) Atrazine	11.53	200	49010	28.00	ng	81
69) Pentachlorophenol	11.66	266	48382	42.47	ng	100
70) Phenanthrene	11.89	178	261812	25.42	ng	97
71) Anthracene	11.94	178	279049	28.14	ng	99
72) Carbazole	12.09	167	236242	24.95	ng	96
73) Di-n-butylphthalate	12.42	149	257960	23.58	ng #	98
74) Fluoranthene	13.16	202	278790	25.41	ng	95
76) Benzidine	13.28	184	167889	32.82	ng	98
77) Pyrene	13.42	202	299875	26.61	ng	97
79) Butylbenzylphthalate	14.13	149	117406	25.95	ng	93
80) Benzo(a)anthracene	14.85	228	292845	26.27	ng	97
81) 3,3'-Dichlorobenzidine	14.79	252	76066	19.78	ng #	95
82) Chrysene	14.89	228	271539	26.41	ng	95
83) Bis(2-ethylhexyl)phthalate	14.84	149	166646	23.30	ng	94
84) Di-n-octyl phthalate	15.66	149	277967	22.68	ng	95
85) Indeno(1,2,3-cd)pyrene	18.61	276	319238	24.62	ng #	88
87) Benzo(b)fluoranthene	16.23	252	276131	25.35	ng #	86
88) Benzo(k)fluoranthene	16.27	252	297901	26.85	ng #	87
89) Benzo(a)pyrene	16.69	252	283152	27.37	ng #	86
90) Dibenzo(a,h)anthracene	18.63	278	268112	25.32	ng #	82
91) Benzo(g,h,i)perylene	19.16	276	274309	25.66	ng #	78

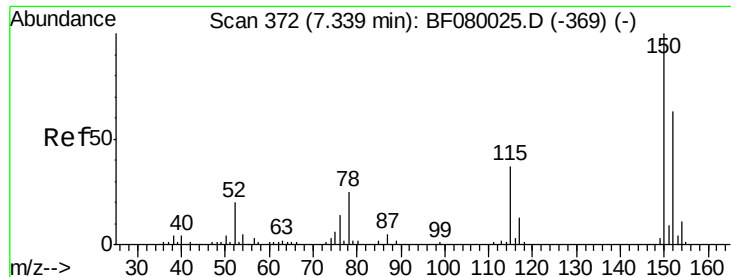
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

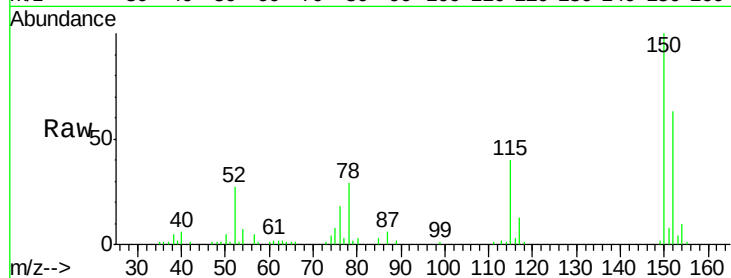
Tgt Ion:152 Resp: 38805

Ion Ratio Lower Upper

152 100

150 158.6 124.7 187.1

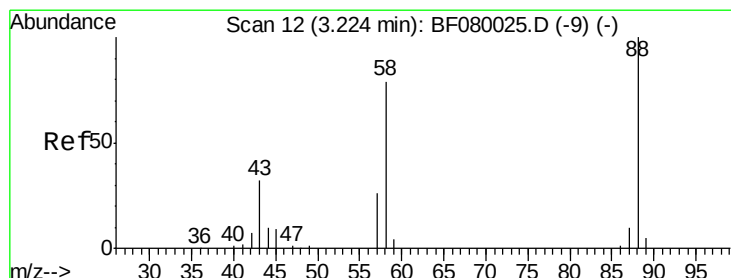
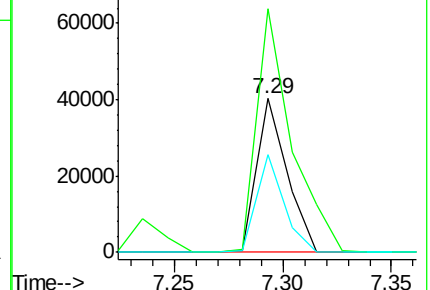
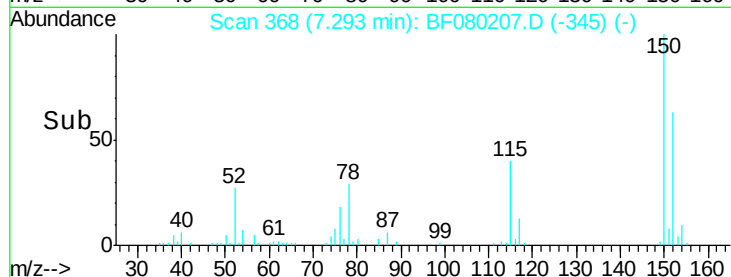
115 63.4 39.0 58.4#



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: 22.93 ng

RT: 3.16 min Scan# 6

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

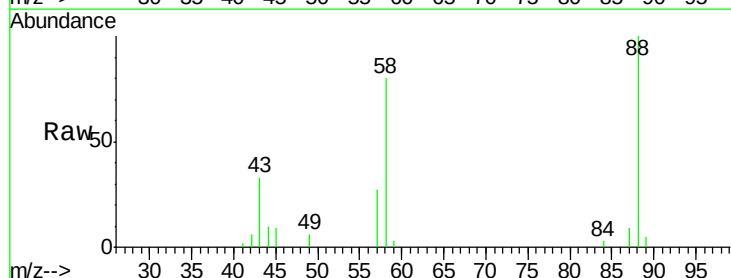
Tgt Ion: 88 Resp: 23897

Ion Ratio Lower Upper

88 100

58 83.5 77.7 116.5

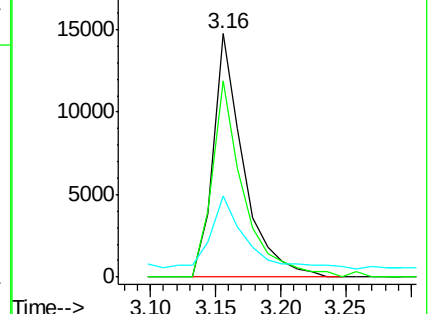
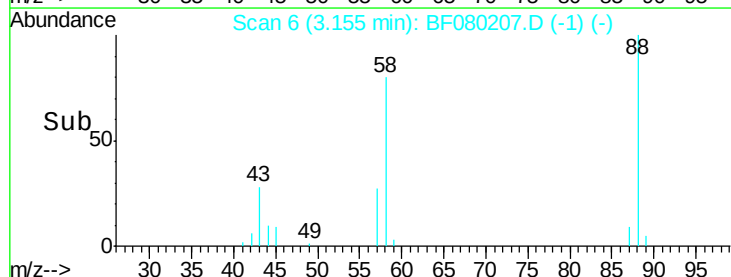
43 33.2 26.6 40.0

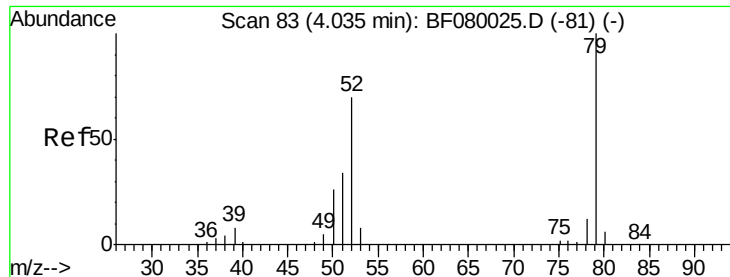


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.13 ng

RT: 3.98 min Scan# 78

Delta R.T. -0.02 min

Lab File: BF080207.D

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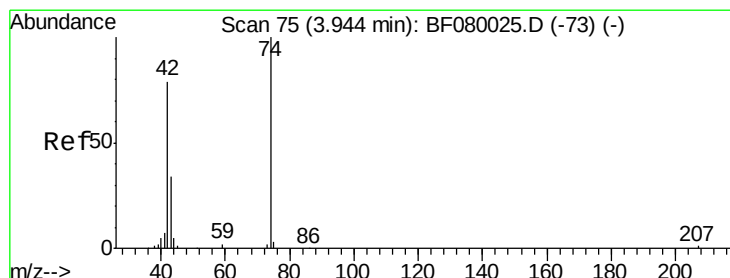
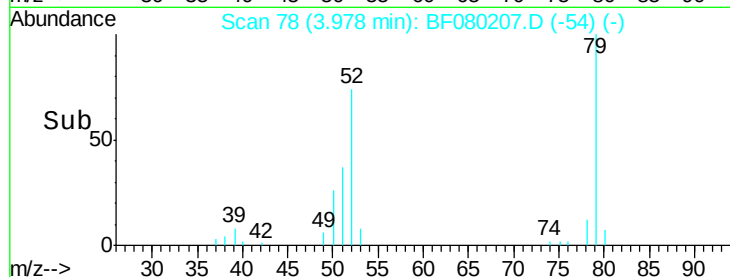
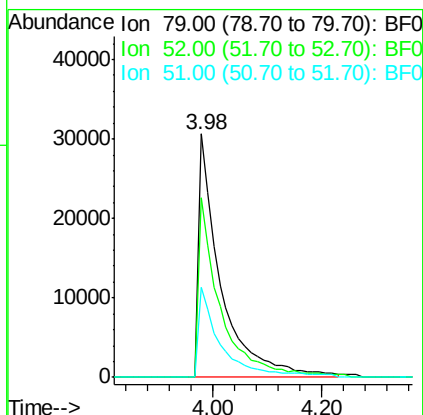
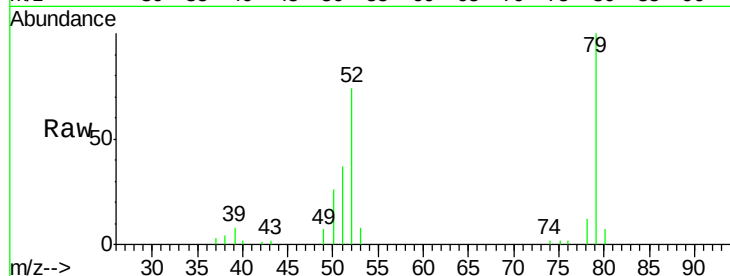
Tgt Ion: 79 Resp: 86259

Ion Ratio Lower Upper

79 100

52 73.8 76.8 115.2#

51 37.2 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 27.15 ng

RT: 3.89 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

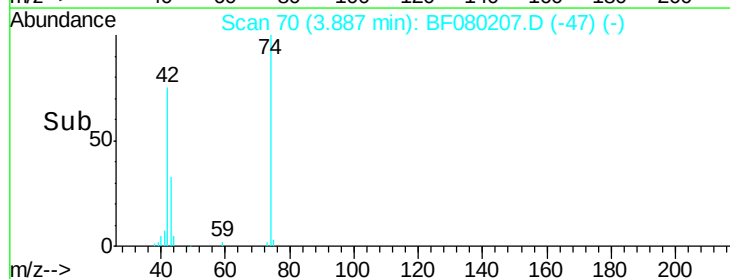
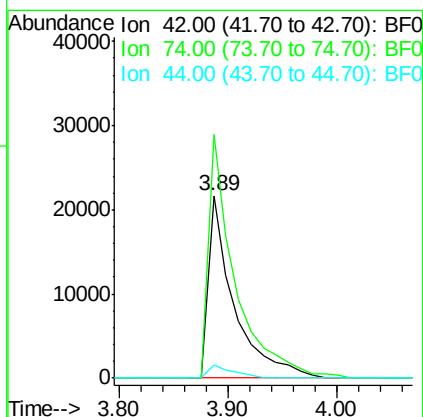
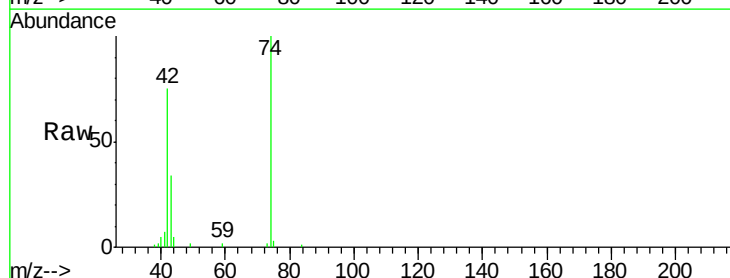
Tgt Ion: 42 Resp: 35759

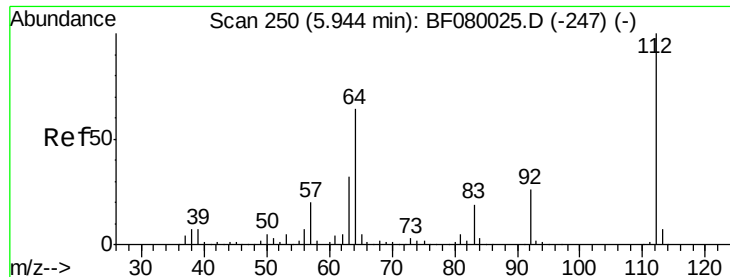
Ion Ratio Lower Upper

42 100

74 133.5 105.0 157.6

44 6.9 6.6 10.0





#5

2-Fluorophenol

Concen: 98.25 ng

RT: 5.91 min Scan# 247

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

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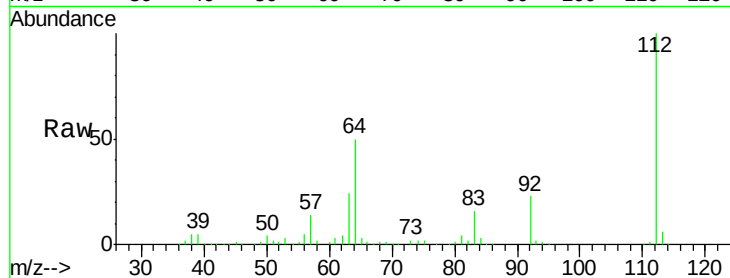
Tgt Ion: 112 Resp: 215375

Ion Ratio Lower Upper

112 100

64 49.9 39.7 59.5

63 24.2 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

200000

150000

100000

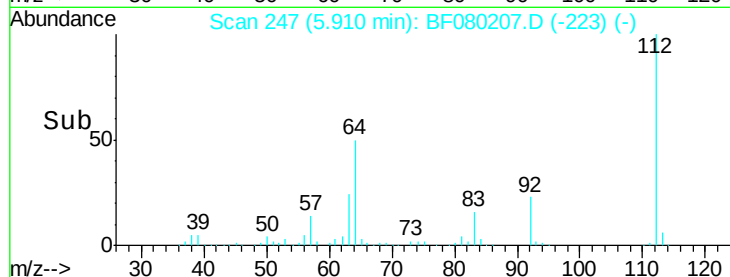
50000

0

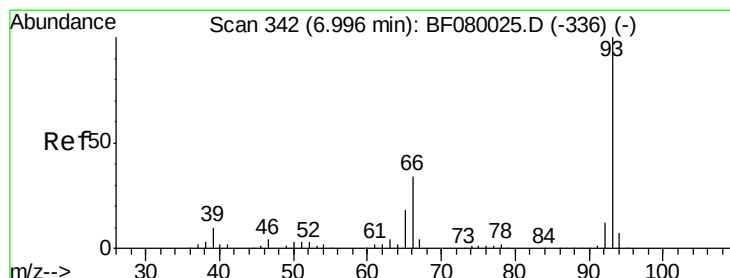
5.80

5.90

6.00



Time-->



#6

Aniline

Concen: 24.03 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

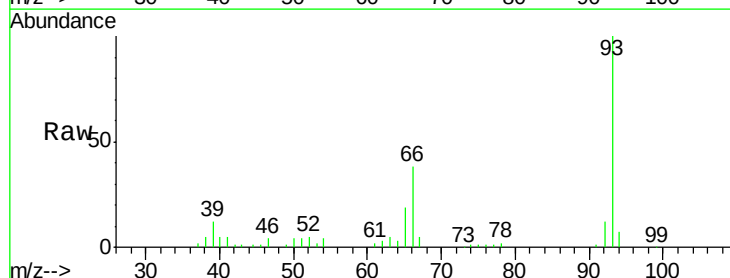
Tgt Ion: 93 Resp: 96440

Ion Ratio Lower Upper

93 100

66 37.9 27.2 40.8

65 19.3 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

150000

100000

50000

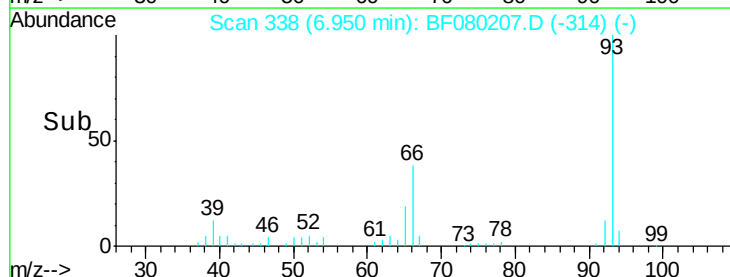
0

6.85

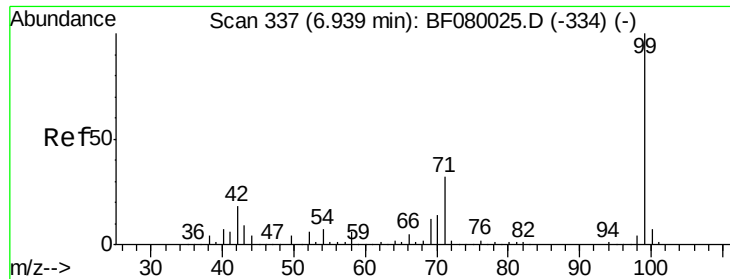
6.90

6.95

7.00



Time-->



#7

Phenol-d6

Concen: 97.51 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

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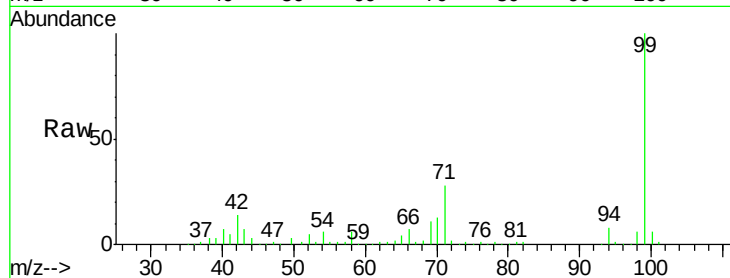
Tgt Ion: 99 Resp: 284451

Ion Ratio Lower Upper

99 100

42 14.5 13.7 20.5

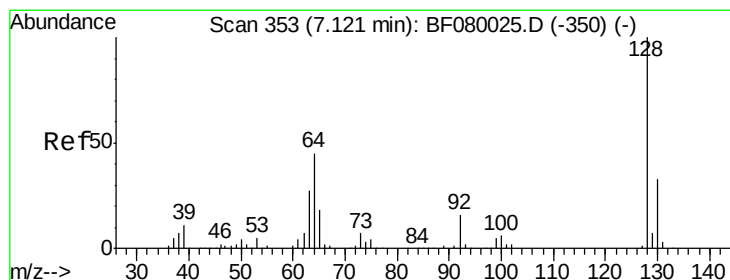
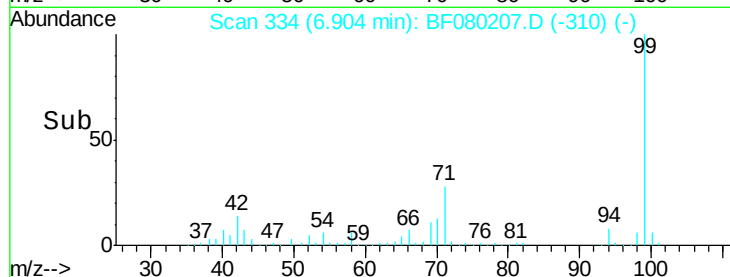
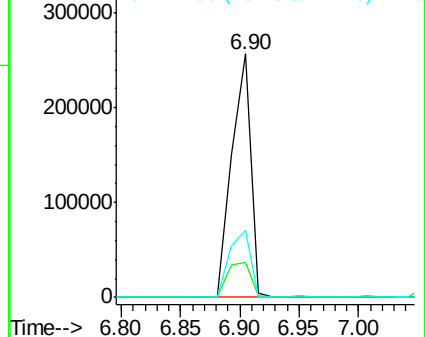
71 27.7 14.2 21.2#



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: 30.39 ng

RT: 7.08 min Scan# 349

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

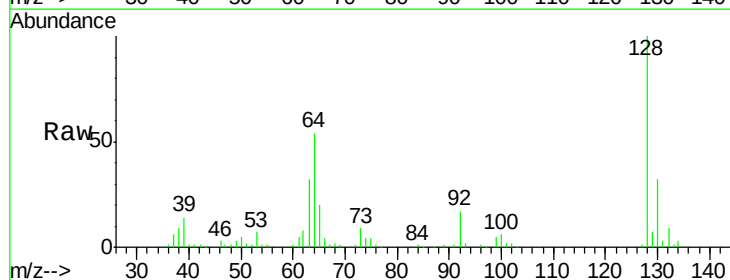
Tgt Ion: 128 Resp: 77003

Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

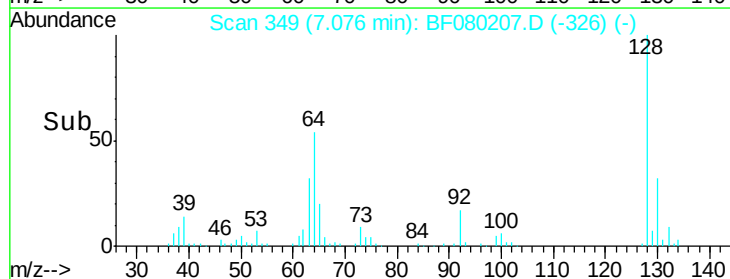
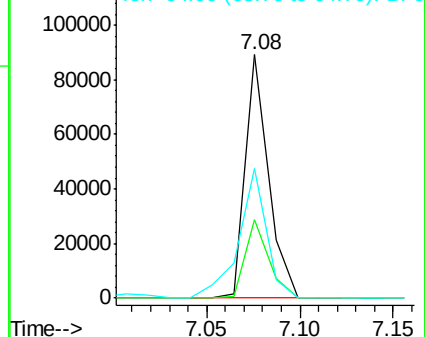
64 53.5 20.5 60.5

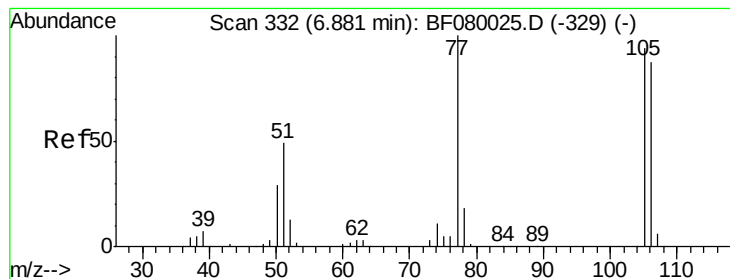


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.12 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

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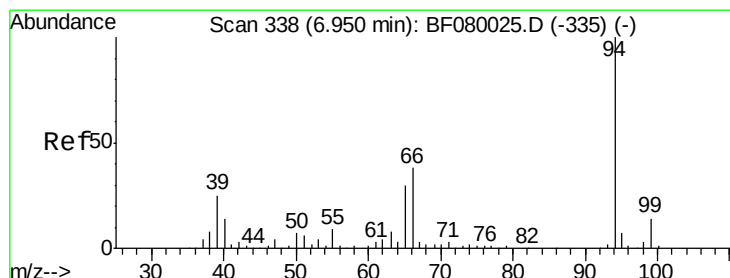
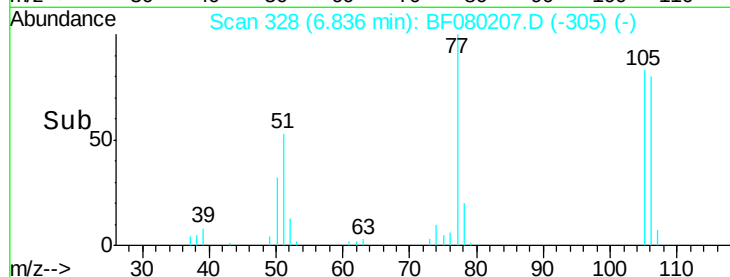
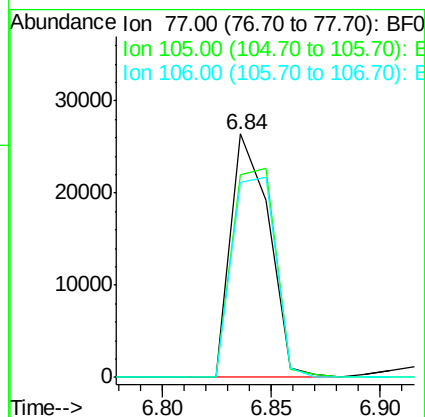
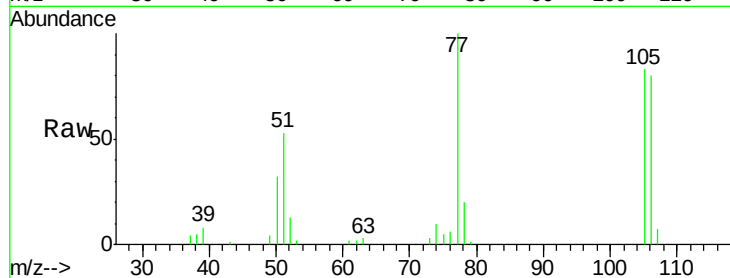
Tgt Ion: 77 Resp: 32201

Ion Ratio Lower Upper

77 100

105 83.5 91.6 131.6#

106 80.3 102.6 142.6#



#10

Phenol

Concen: 31.22 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

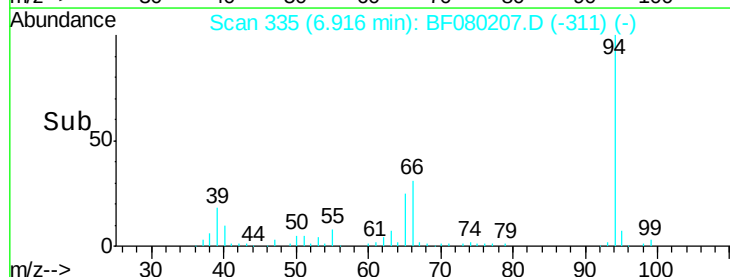
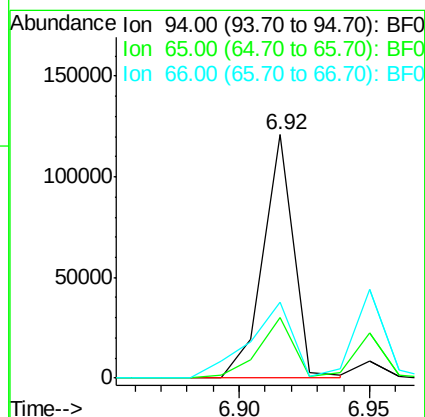
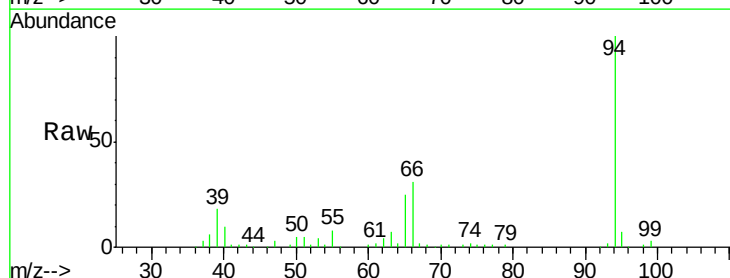
Tgt Ion: 94 Resp: 99388

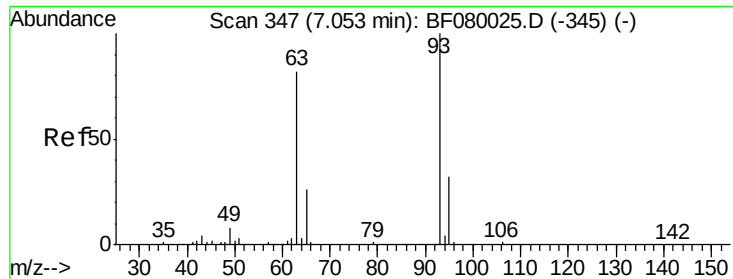
Ion Ratio Lower Upper

94 100

65 25.0 0.7 40.7

66 31.3 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 26.82 ng

RT: 7.02 min Scan# 344

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

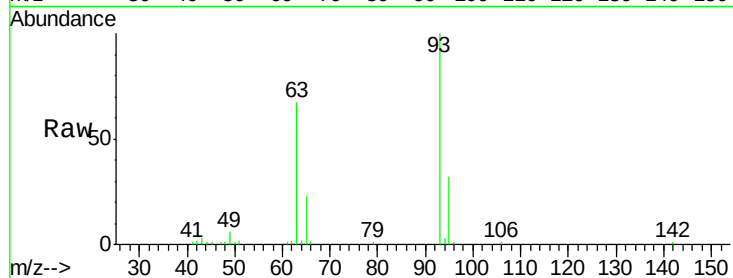
Tgt Ion: 93 Resp: 67741

Ion Ratio Lower Upper

93 100

63 67.1 65.6 105.6

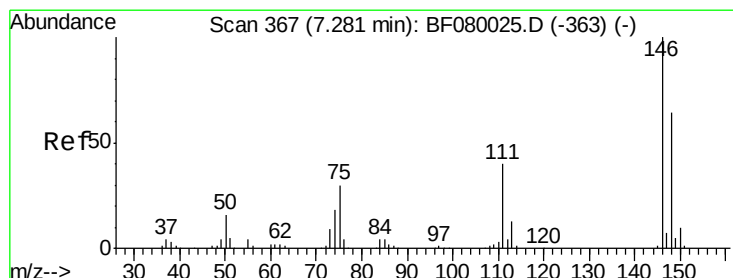
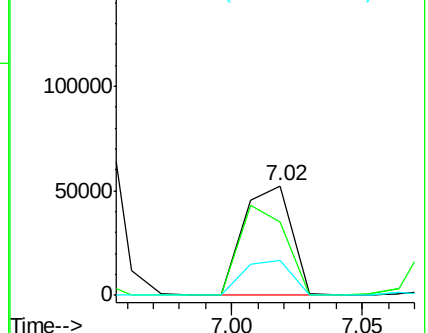
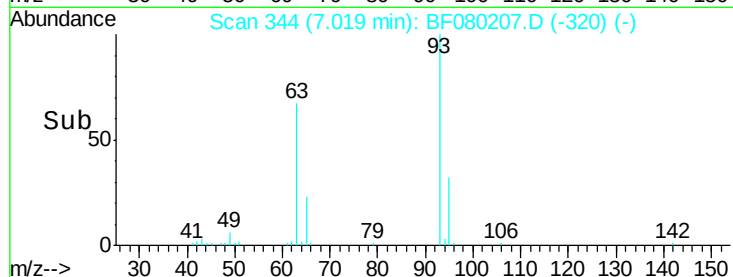
95 32.4 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 25.91 ng

RT: 7.48 min Scan# 384

Delta R.T. 0.21 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

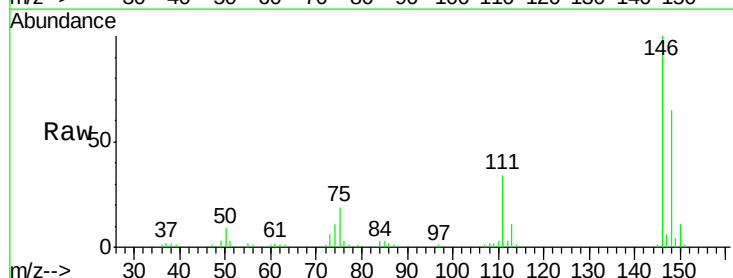
Tgt Ion: 146 Resp: 78851

Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.4

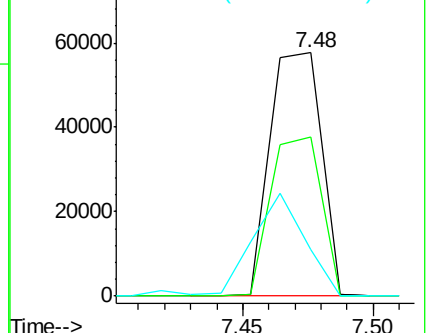
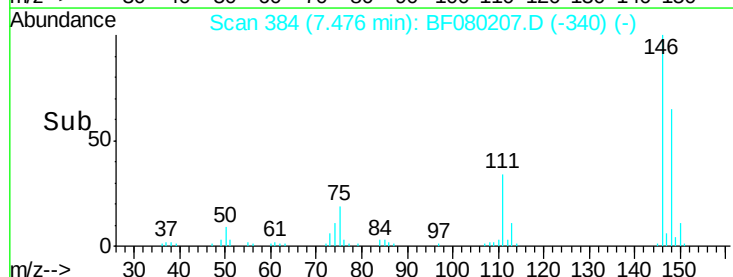
75 19.0 15.0 22.6

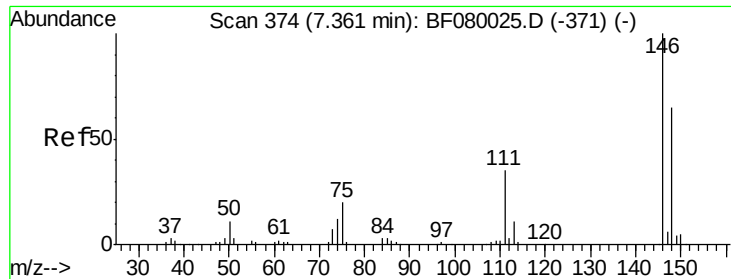


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

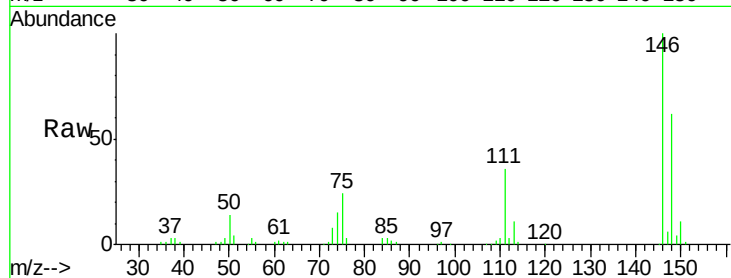




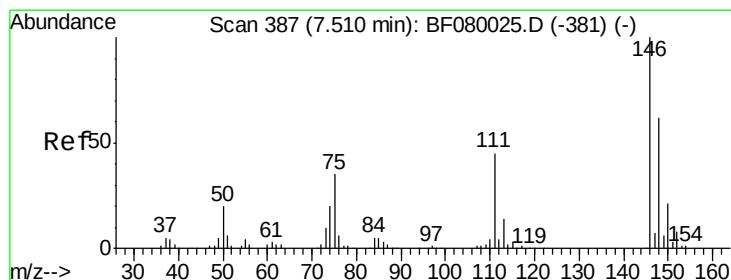
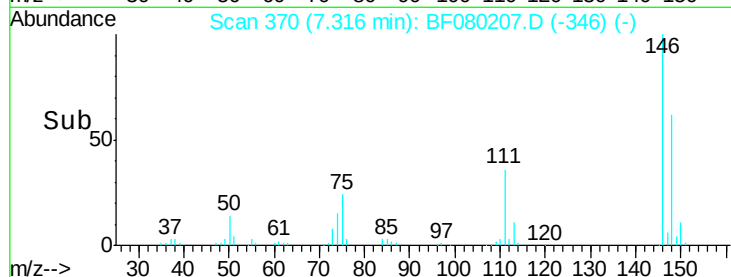
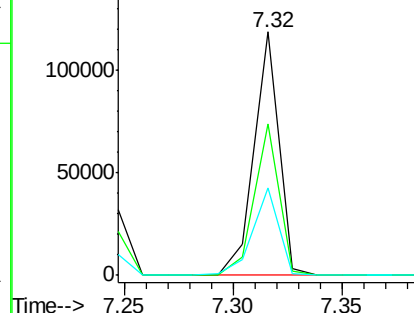
#13
 1,4-Dichlorobenzene
 Concen: 32.53 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:146 Resp: 94150
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.8 77.6
 111 36.2 24.9 37.3

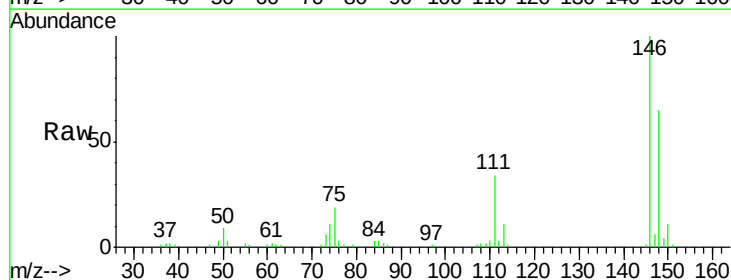


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

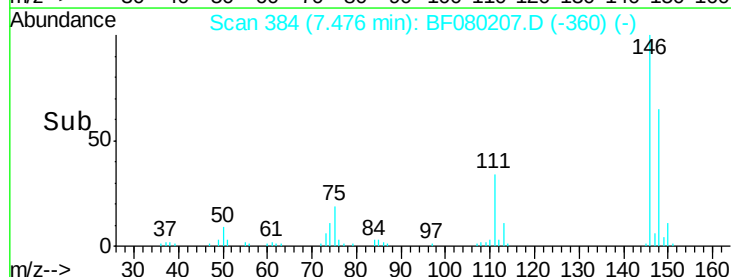
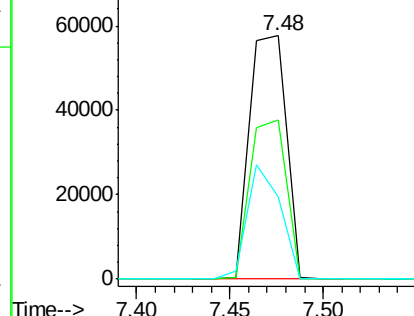


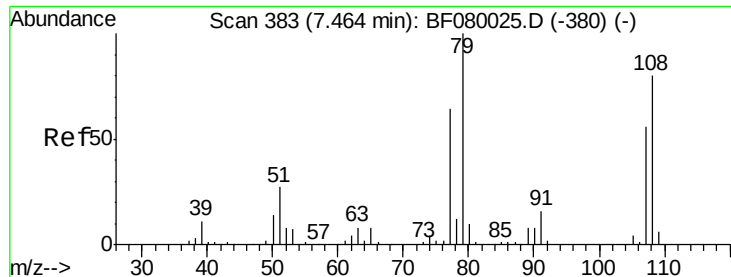
#14
 1,2-Dichlorobenzene
 Concen: 28.00 ng
 RT: 7.48 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:146 Resp: 78857
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.7 79.1
 111 34.0 28.8 43.2



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: 27.29 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

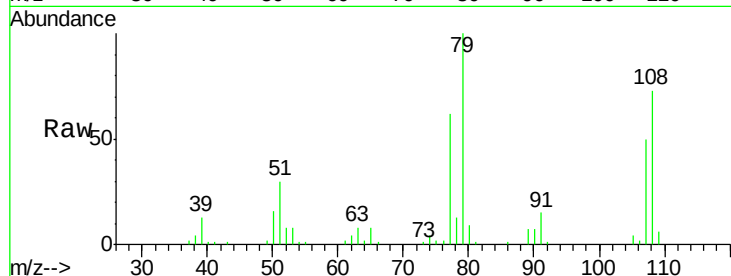
Tgt Ion: 79 Resp: 65095

Ion Ratio Lower Upper

79 100

108 73.1 88.6 132.8#

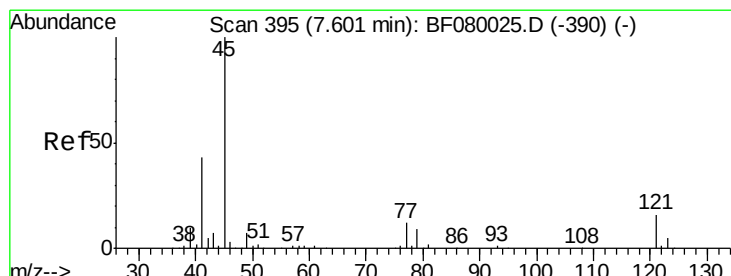
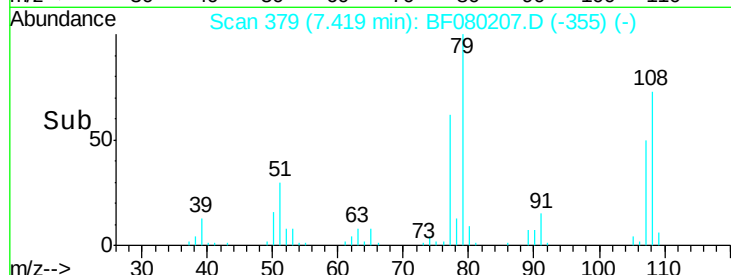
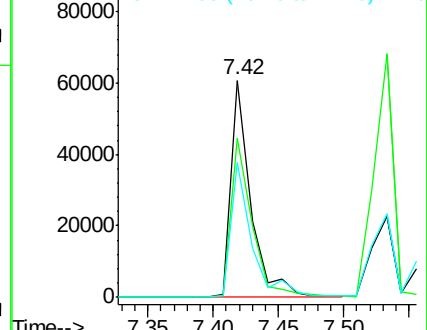
77 62.0 47.0 70.4



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: 31.68 ng

RT: 7.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

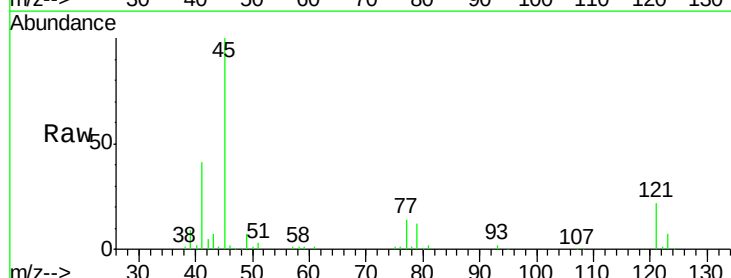
Tgt Ion: 45 Resp: 118771

Ion Ratio Lower Upper

45 100

77 14.2 0.0 28.1

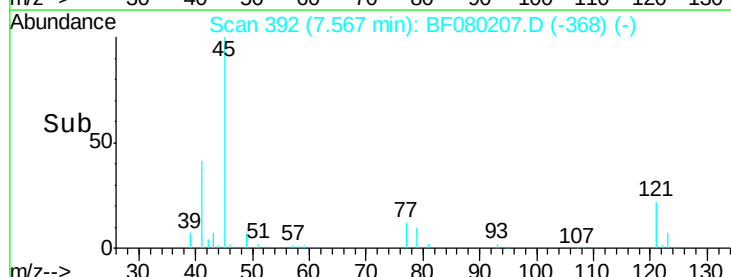
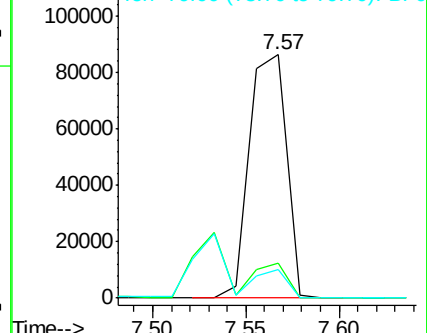
79 11.8 0.0 26.0

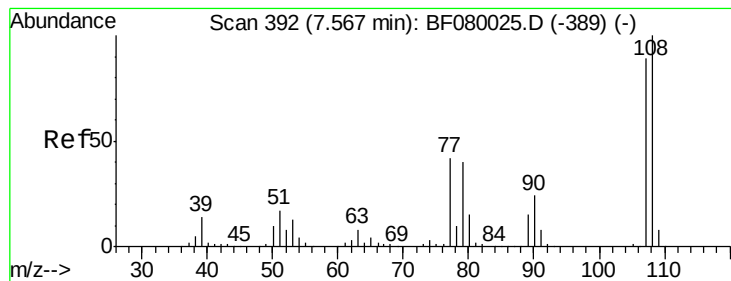


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 27.87 ng

RT: 7.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

Tgt Ion:107 Resp: 60316

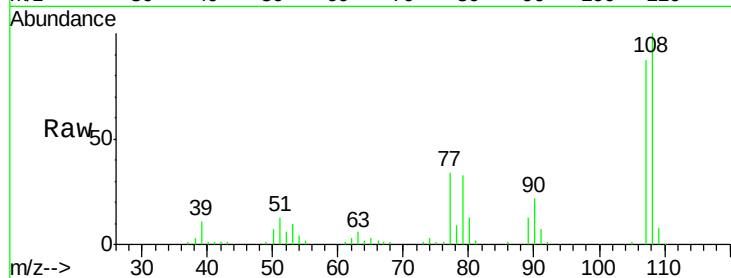
Ion Ratio Lower Upper

107 100

108 114.7 96.6 145.0

77 39.2 23.3 34.9#

79 38.2 22.0 33.0#



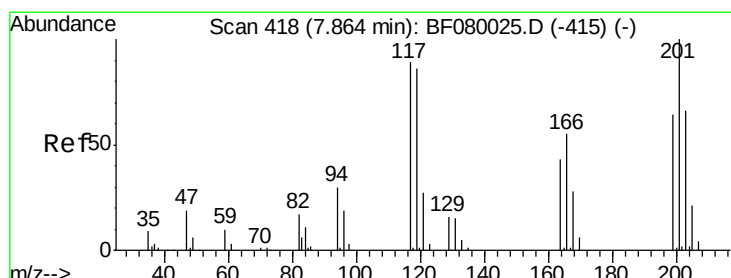
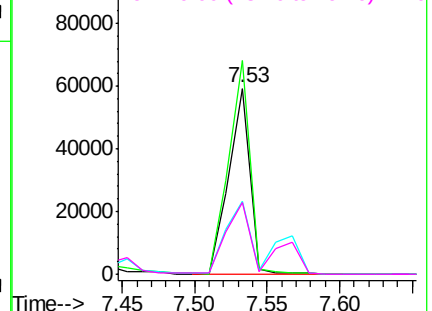
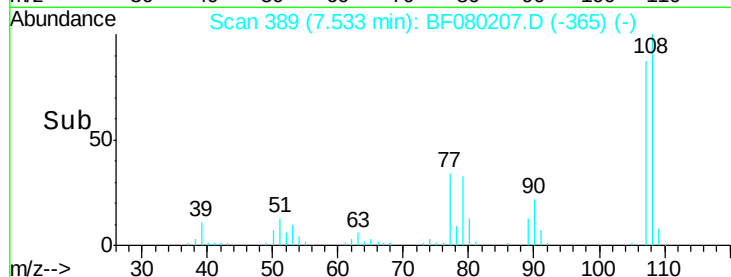
Abundance

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



#18

Hexachloroethane

Concen: 29.79 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

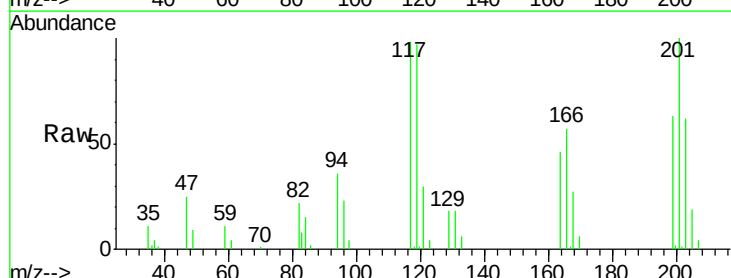
Tgt Ion:117 Resp: 28707

Ion Ratio Lower Upper

117 100

119 98.9 83.8 125.6

201 102.2 55.1 82.7#

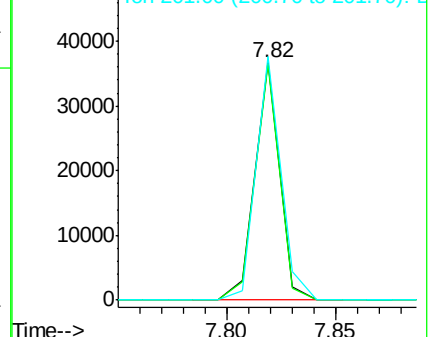
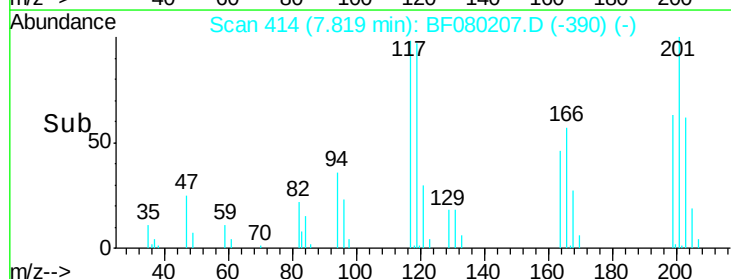


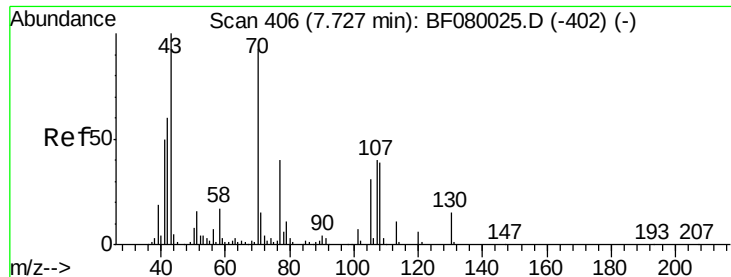
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

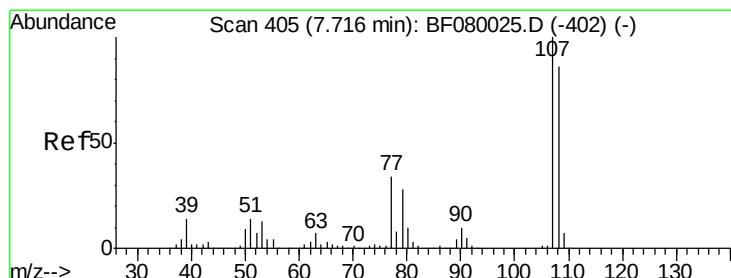
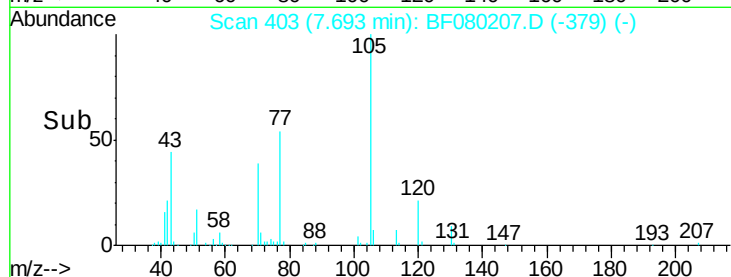
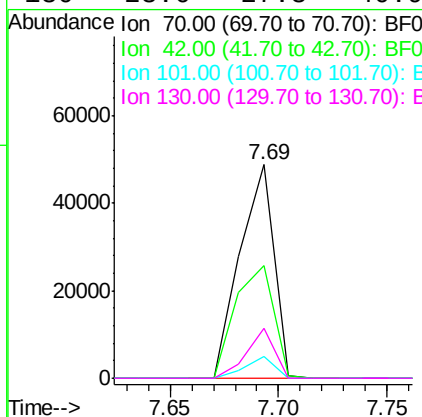
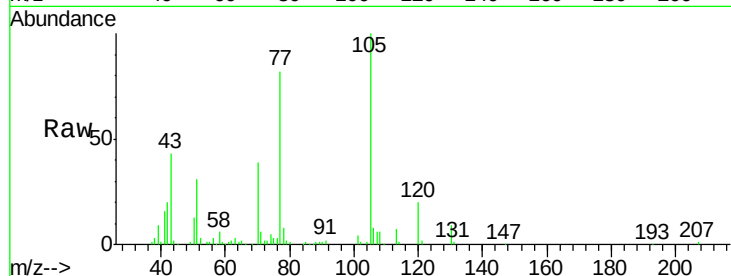




#19
n-Nitroso-di-n-propylamine
Concen: 26.11 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

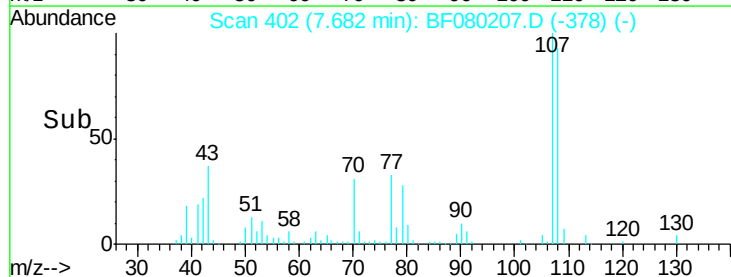
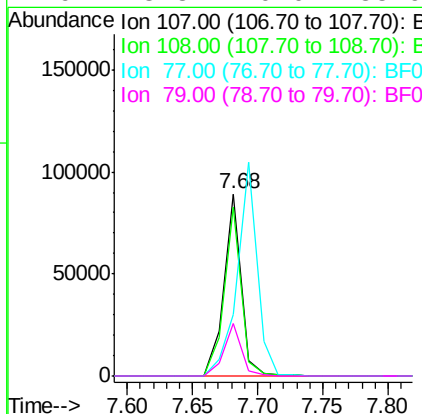
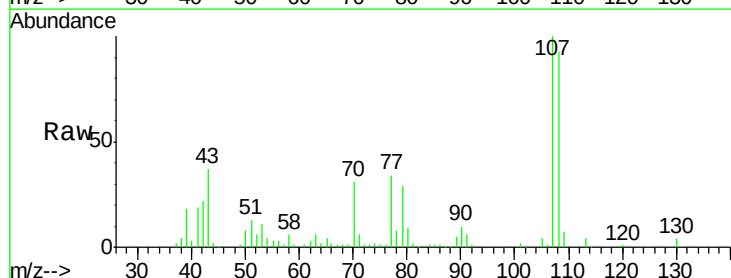
Instrument :
BNA_F
ClientSampleId :
PB84255BS

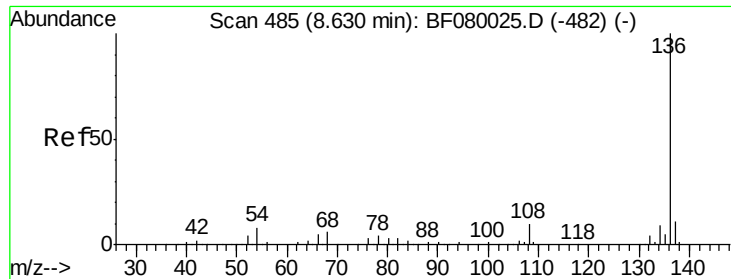
Tgt Ion: 70 Resp: 52879
Ion Ratio Lower Upper
70 100
42 53.0 63.8 95.6#
101 10.4 9.2 13.8
130 23.6 27.3 40.9#



#20
3+4-Methylphenols
Concen: 29.77 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

Tgt Ion: 107 Resp: 83136
Ion Ratio Lower Upper
107 100
108 93.0 74.6 114.6
77 33.7 0.7 40.7
79 28.8 0.0 38.9

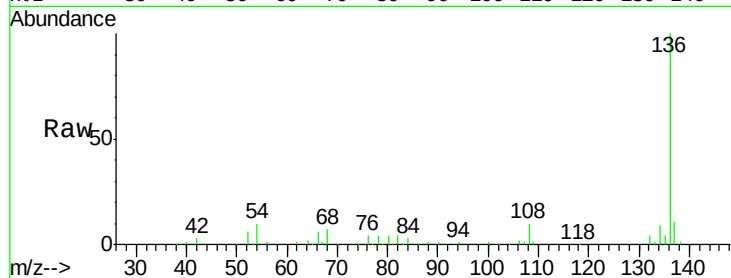




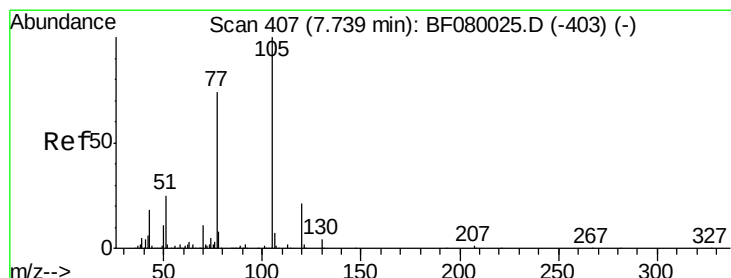
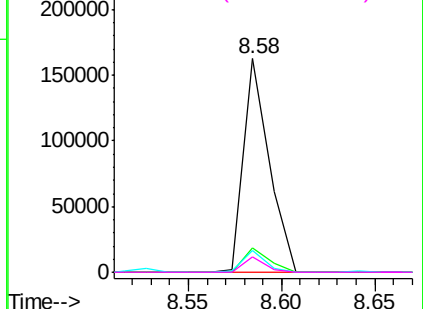
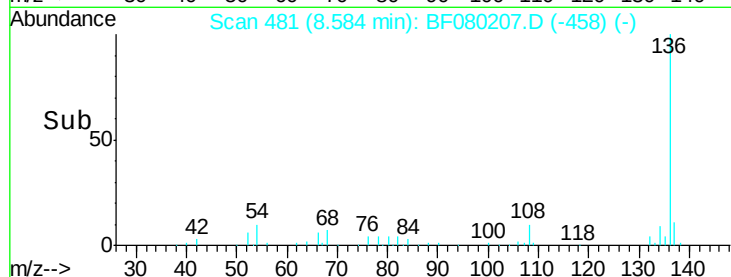
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PB84255BS

Tgt Ion:	136	Resp:	155866
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	10.2	8.2	12.2
68	7.3	5.8	8.6

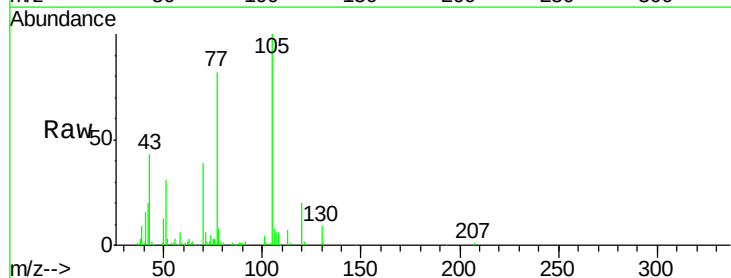


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

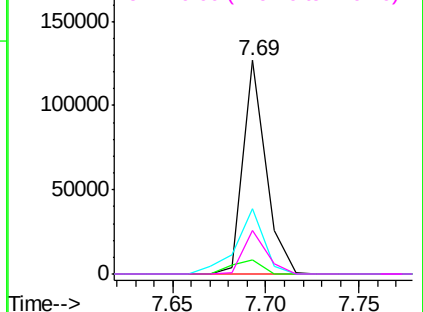
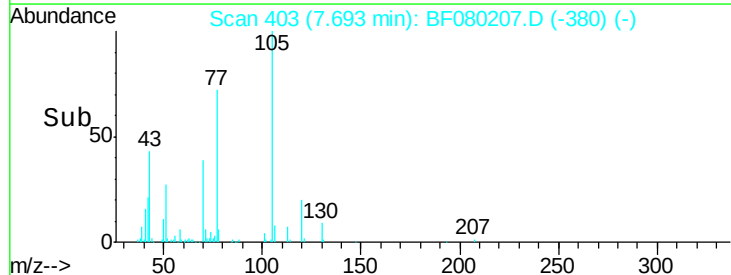


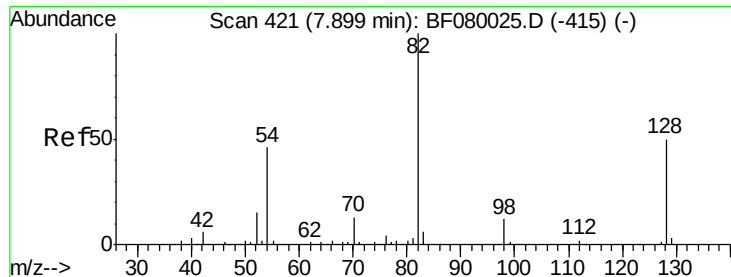
#22
Acetophenone
Concen: 29.62 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

Tgt Ion:	105	Resp:	107593
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.7	7.1
51	30.7	22.0	33.0
120	20.2	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

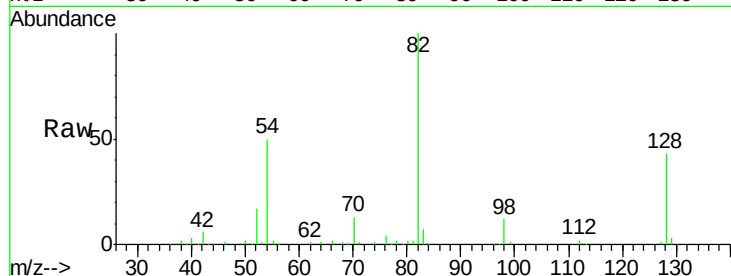




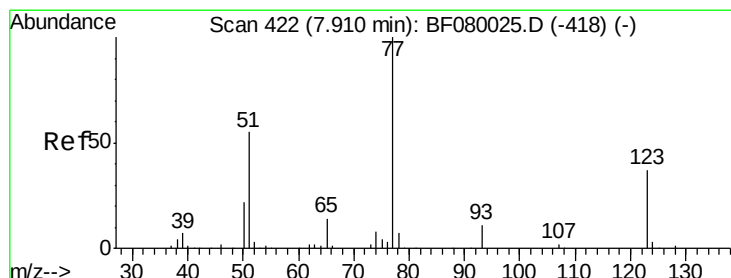
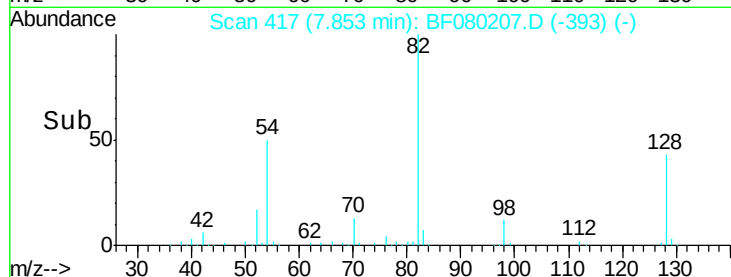
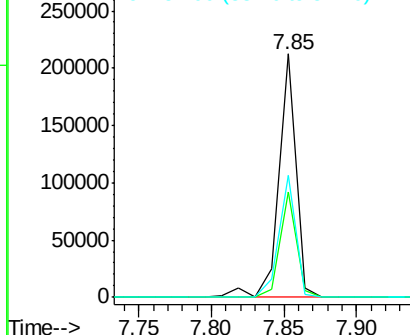
#23
 Nitrobenzene-d5
 Concen: 65.28 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion: 82 Resp: 174781
 Ion Ratio Lower Upper
 82 100
 128 43.2 51.0 76.6#
 54 50.1 47.5 71.3

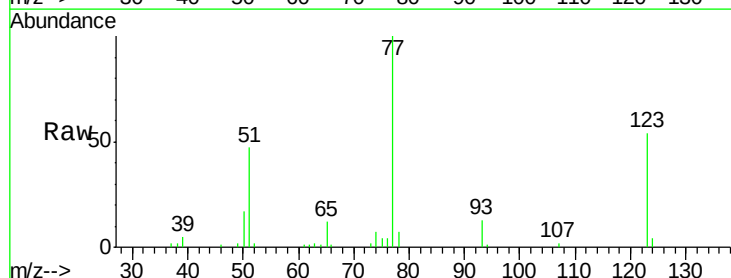


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

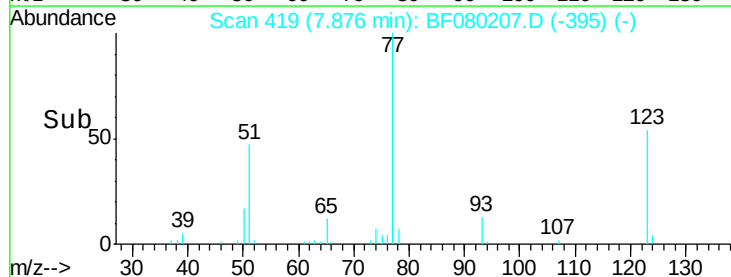
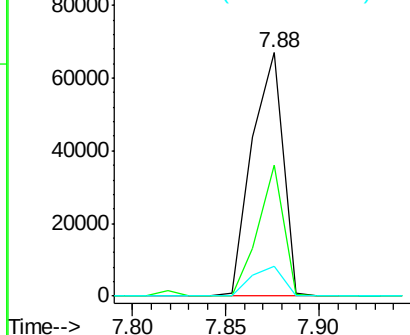


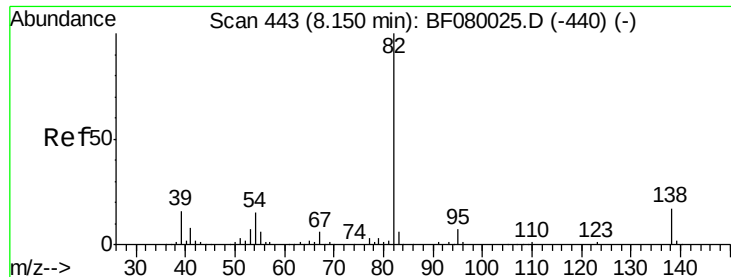
#24
 Nitrobenzene
 Concen: 27.87 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion: 77 Resp: 77011
 Ion Ratio Lower Upper
 77 100
 123 54.0 59.8 89.8#
 65 12.1 10.2 15.4



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





#25

Isophorone

Concen: 26.41 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

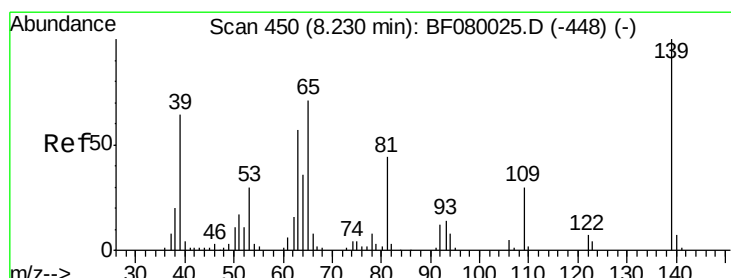
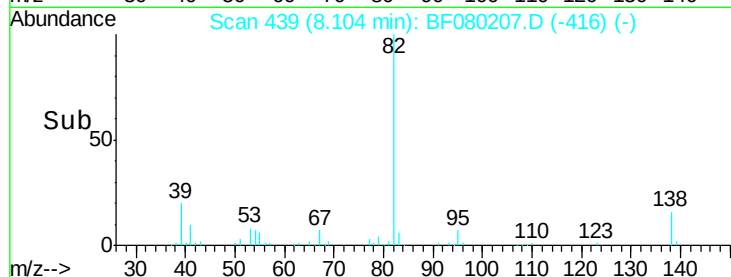
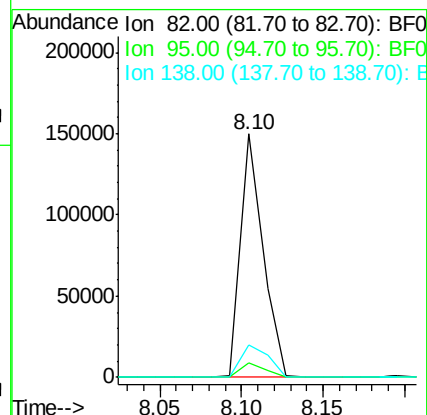
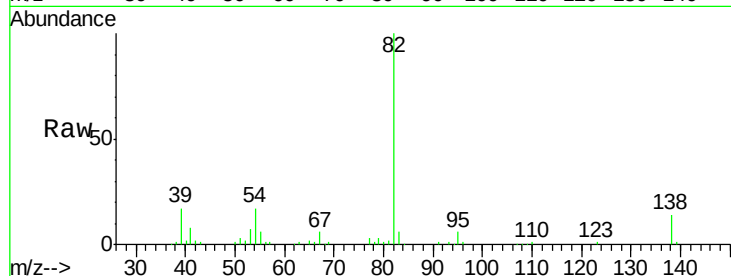
Tgt Ion: 82 Resp: 142291

Ion Ratio Lower Upper

82 100

95 6.2 4.0 6.0#

138 13.5 18.3 27.5#



#26

2-Nitrophenol

Concen: 32.31 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

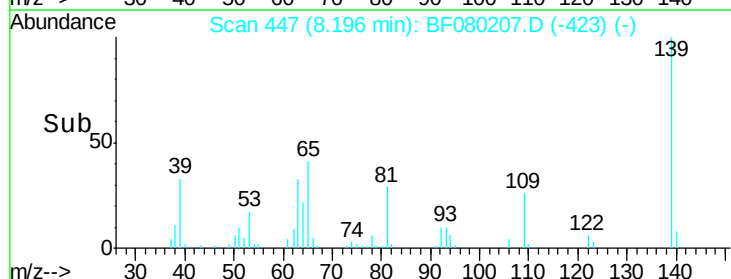
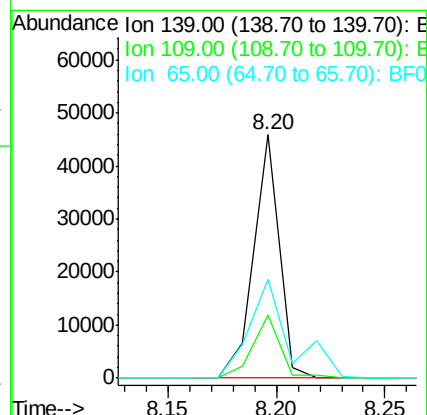
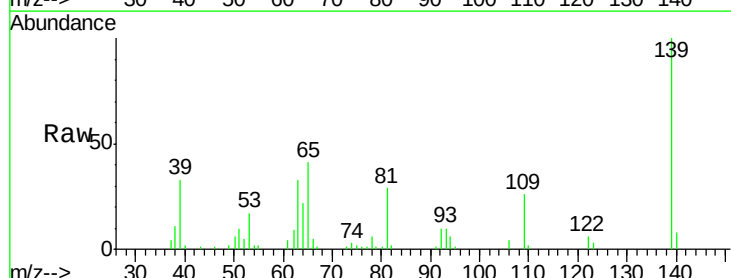
Tgt Ion: 139 Resp: 37370

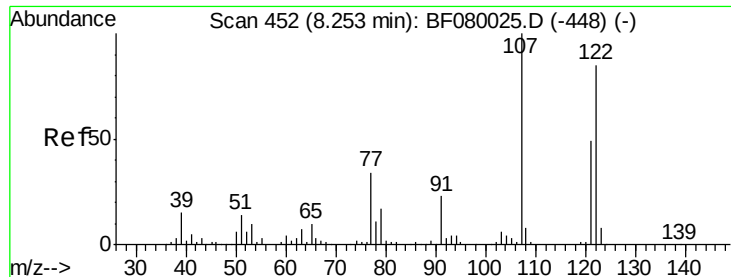
Ion Ratio Lower Upper

139 100

109 25.7 11.0 16.4#

65 40.8 24.7 37.1#

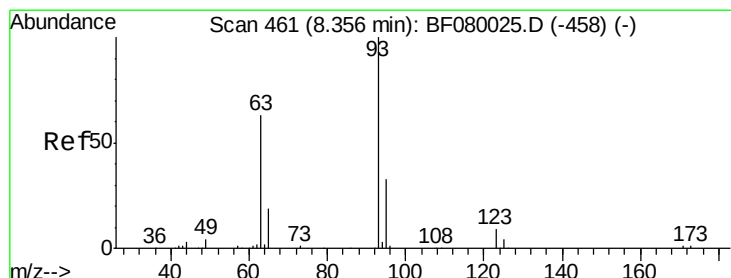
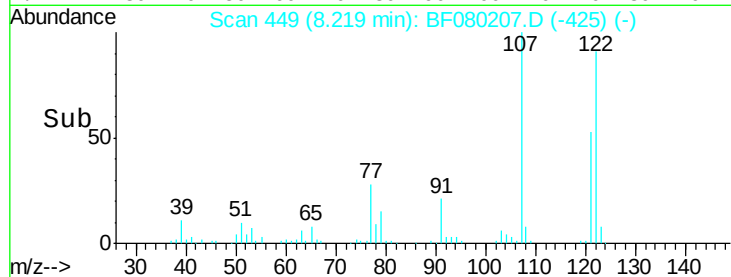
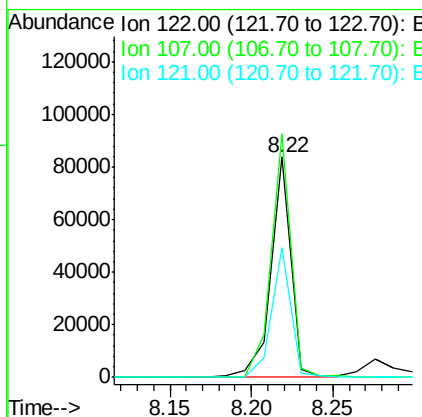
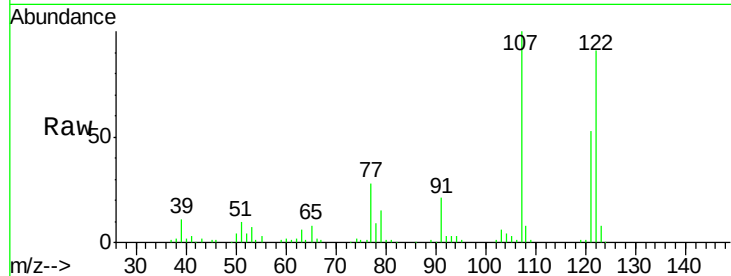




#27
 2,4-Dimethylphenol
 Concen: 29.84 ng
 RT: 8.22 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

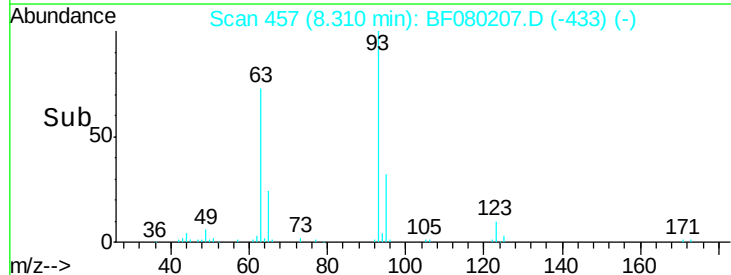
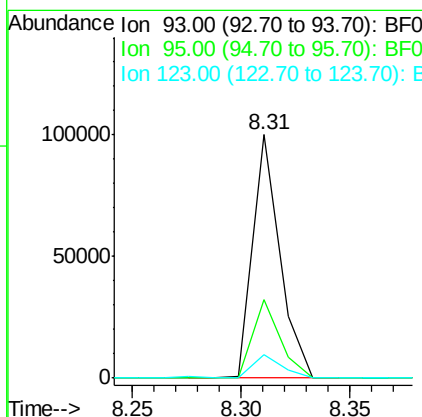
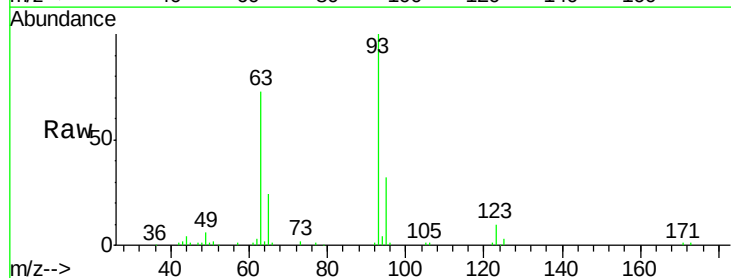
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

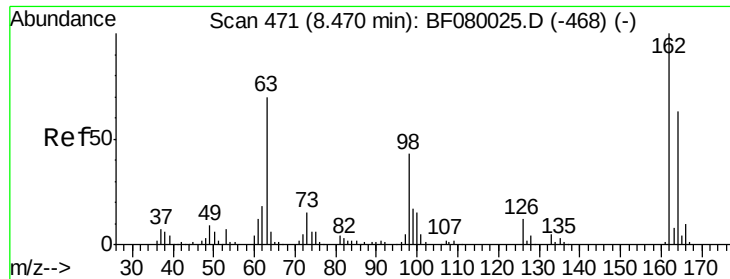
Tgt Ion: 122 Resp: 71983
 Ion Ratio Lower Upper
 122 100
 107 110.4 71.8 107.6#
 121 58.8 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 27.45 ng
 RT: 8.31 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion: 93 Resp: 86909
 Ion Ratio Lower Upper
 93 100
 95 32.0 27.5 41.3
 123 9.6 13.7 20.5#

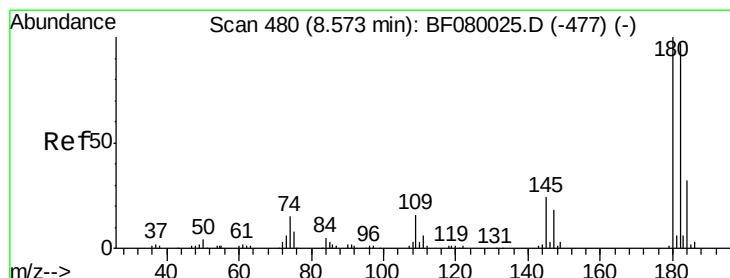
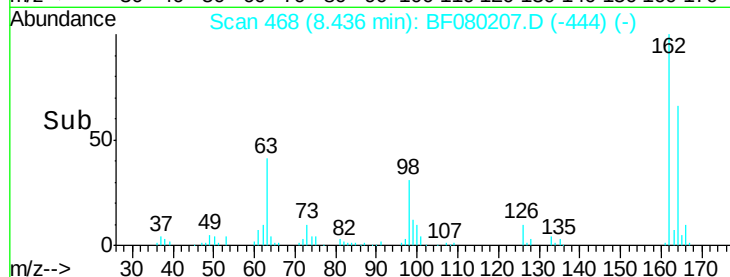
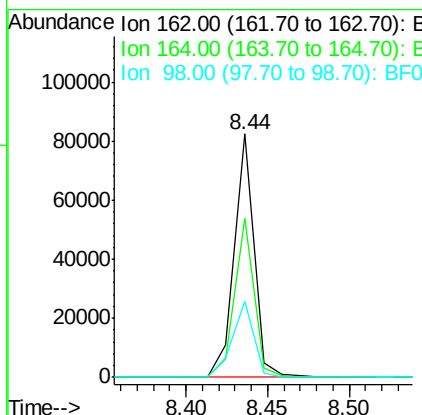
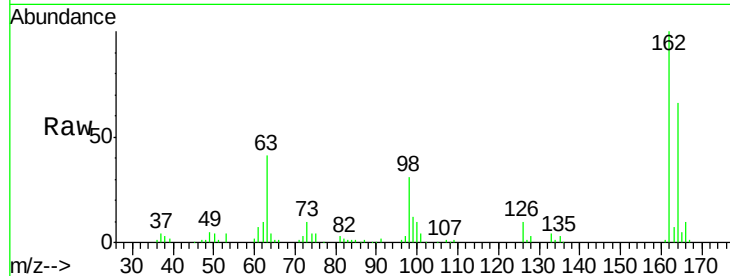




#29
 2,4-Dichlorophenol
 Concen: 33.04 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

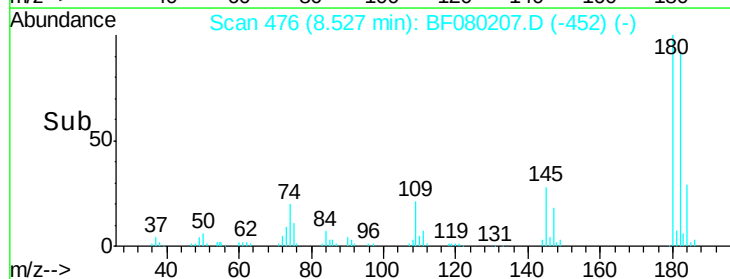
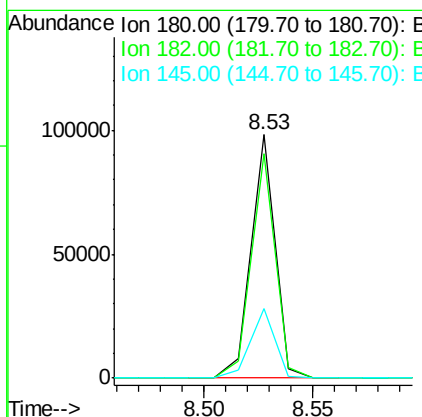
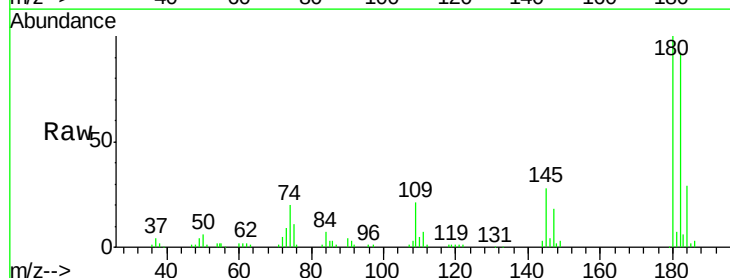
Instrument :
 BNA_F
 ClientSampled :
 PB84255BS

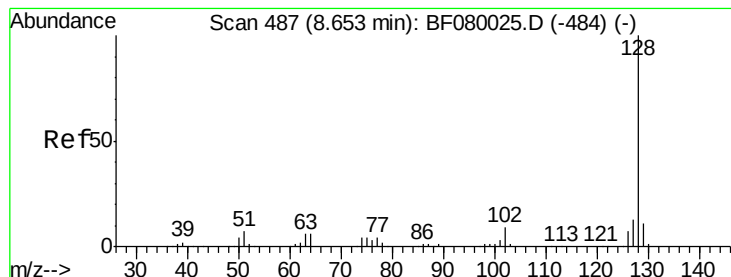
Tgt Ion:162 Resp: 68244
 Ion Ratio Lower Upper
 162 100
 164 65.6 44.9 84.9
 98 31.3 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 32.21 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:180 Resp: 75548
 Ion Ratio Lower Upper
 180 100
 182 92.3 77.1 115.7
 145 28.4 23.3 34.9





#31

Naphthalene

Concen: 28.48 ng

RT: 8.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

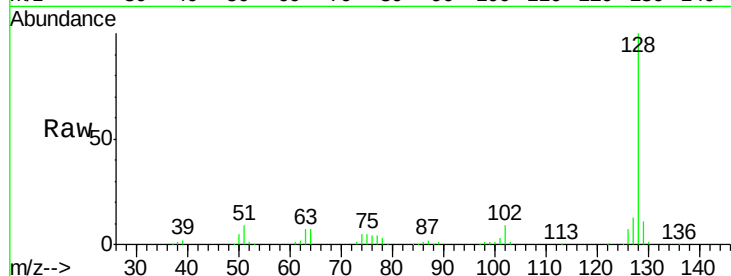
Tgt Ion:128 Resp: 232073

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

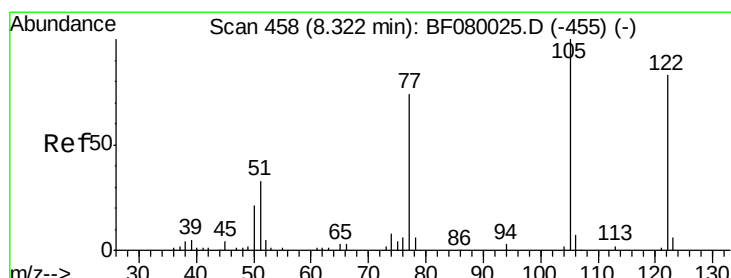
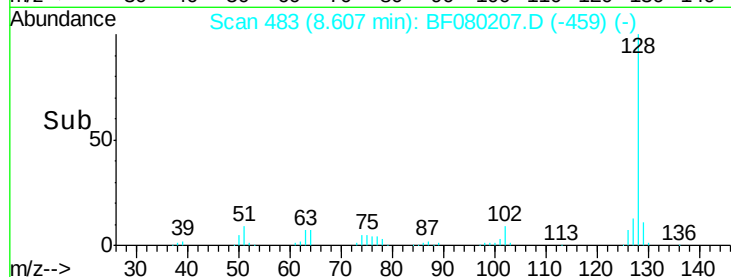
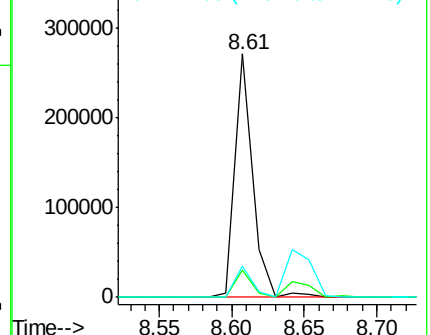
127 12.9 9.9 14.9



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: 9.46 ng

RT: 8.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

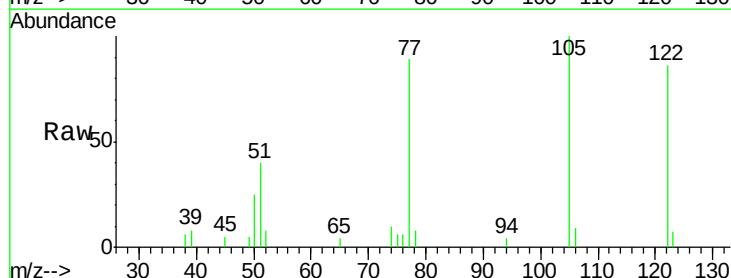
Tgt Ion:122 Resp: 13796

Ion Ratio Lower Upper

122 100

105 115.8 76.1 116.1

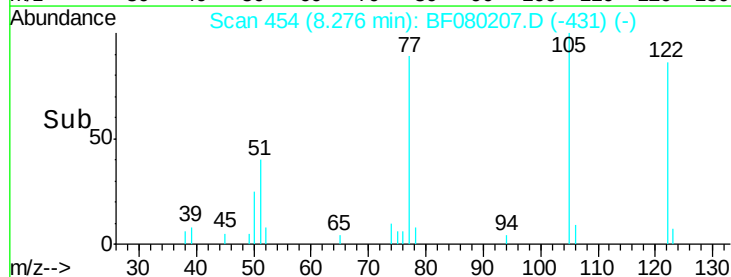
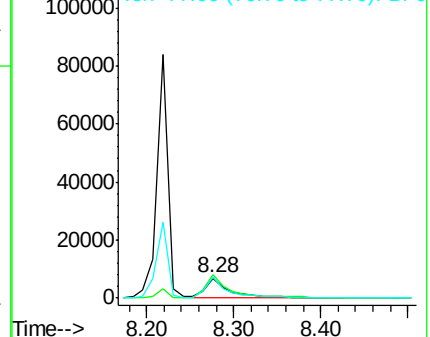
77 103.3 40.5 80.5#

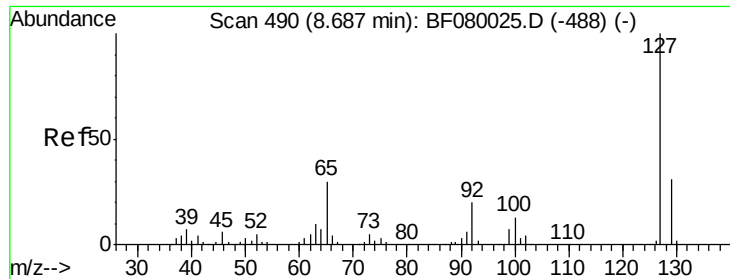


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

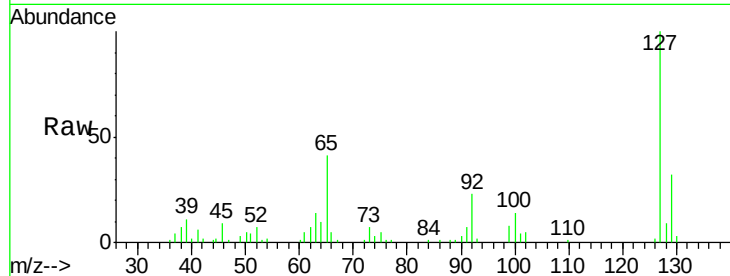




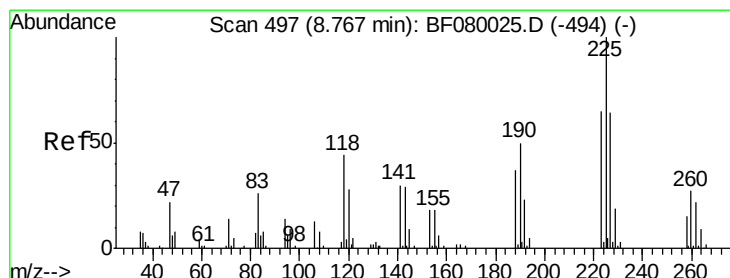
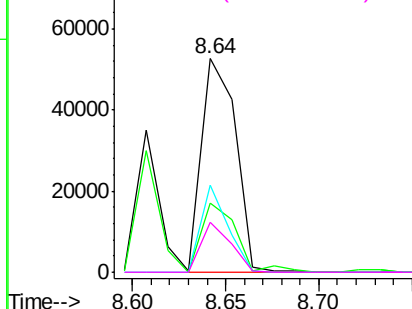
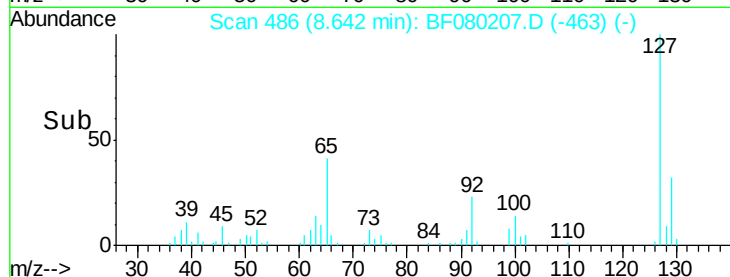
#33
 4-Chloroaniline
 Concen: 19.11 ng
 RT: 8.64 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:	127	Resp:	66659
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	40.8	17.9	26.9#
92	23.3	10.5	15.7#

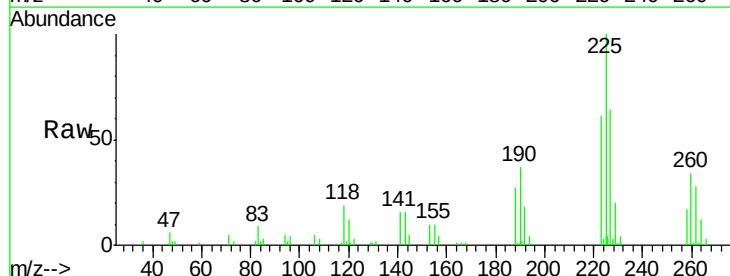


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

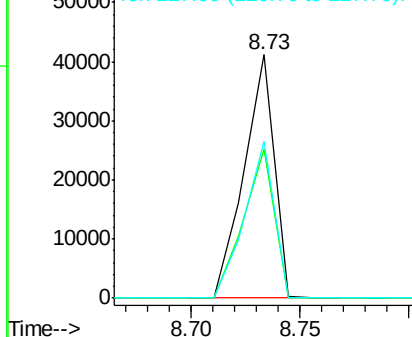
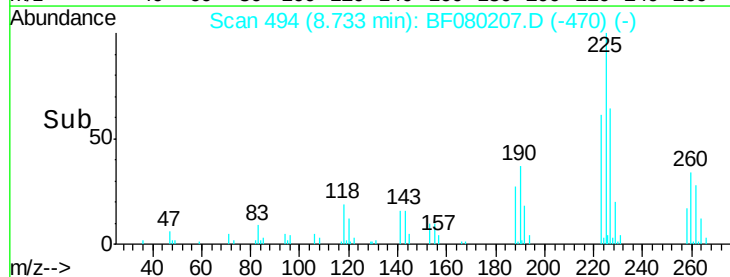


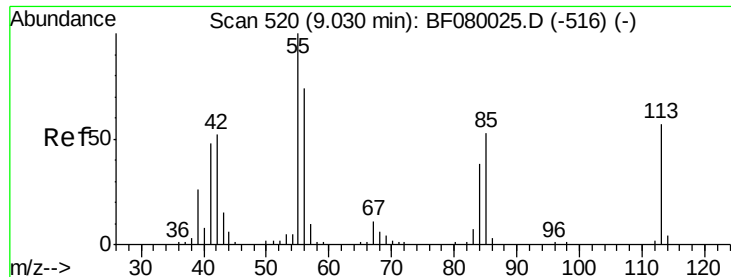
#34
 Hexachlorobutadiene
 Concen: 27.38 ng
 RT: 8.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:	225	Resp:	39551
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.2	75.2
227	64.3	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

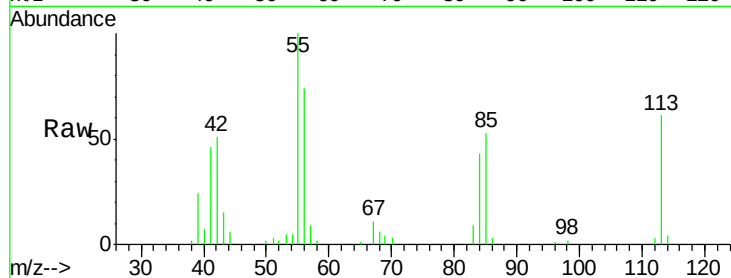




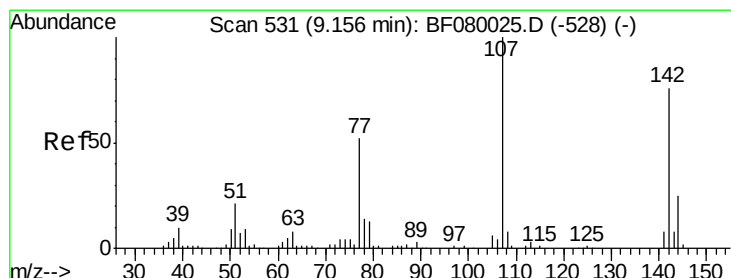
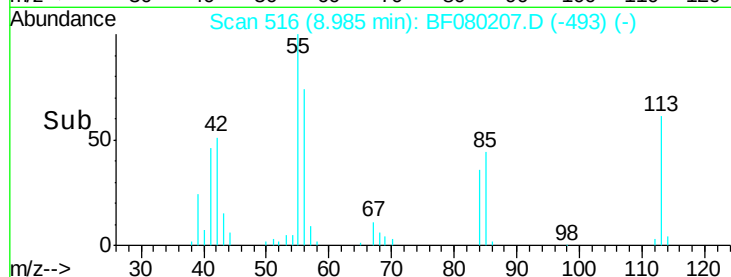
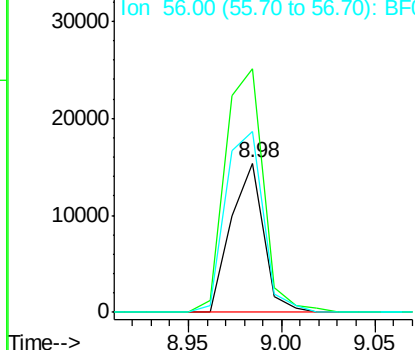
#35
 Caprolactam
 Concen: 27.98 ng
 RT: 8.98 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:113 Resp: 18757
 Ion Ratio Lower Upper
 113 100
 55 163.1 152.4 192.4
 56 120.8 104.6 144.6

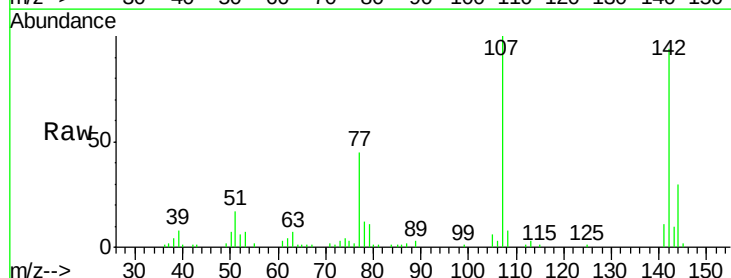


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

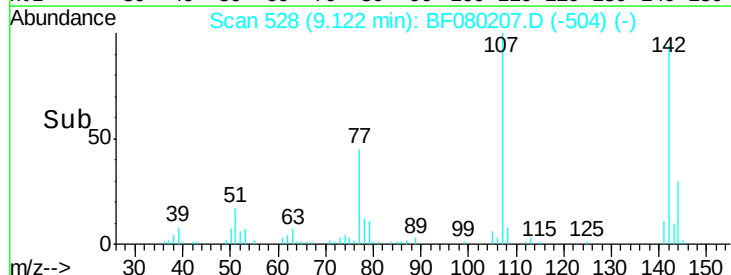
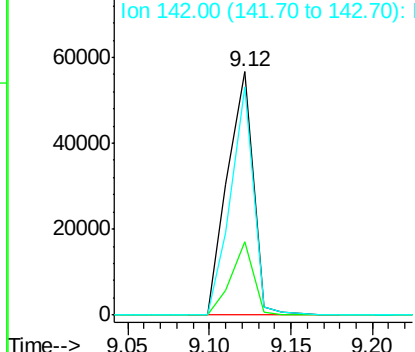


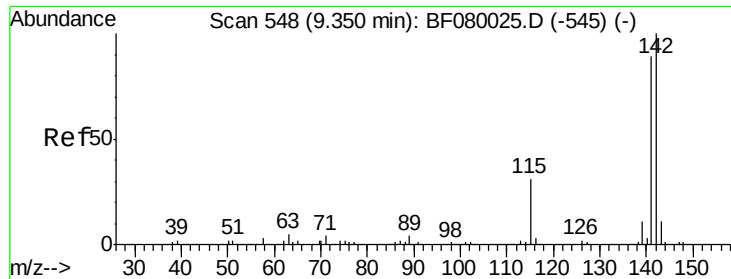
#36
 4-Chloro-3-methylphenol
 Concen: 26.53 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:107 Resp: 61822
 Ion Ratio Lower Upper
 107 100
 144 30.1 25.4 38.0
 142 93.6 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

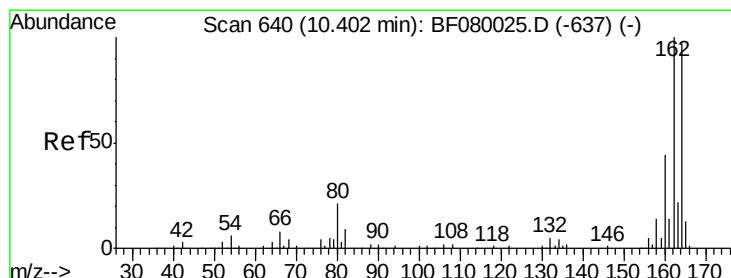
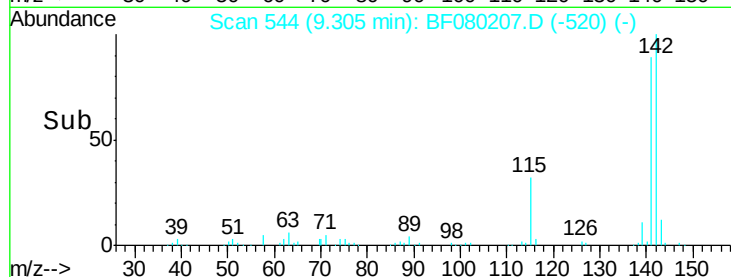
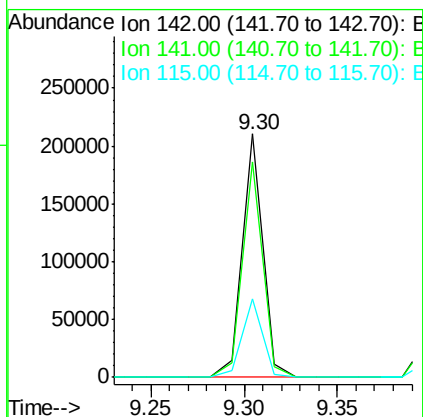
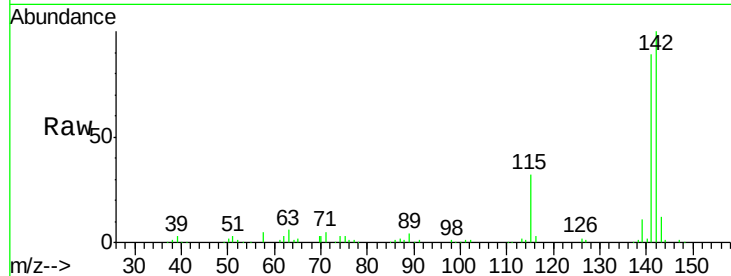




#37
 2-Methylnaphthalene
 Concen: 30.89 ng
 RT: 9.30 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

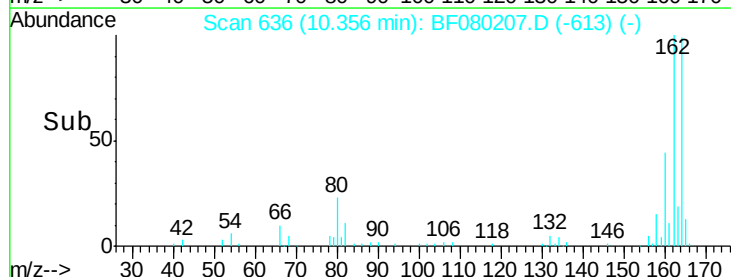
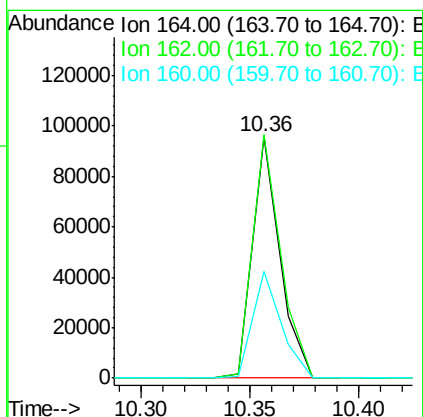
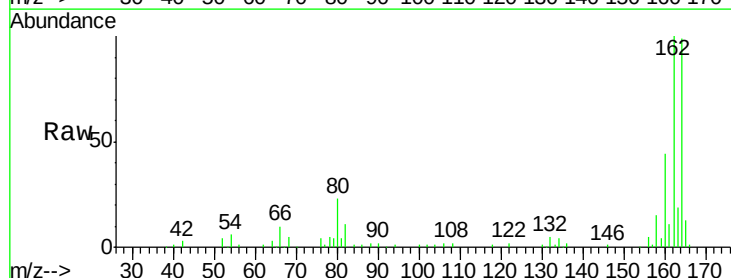
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

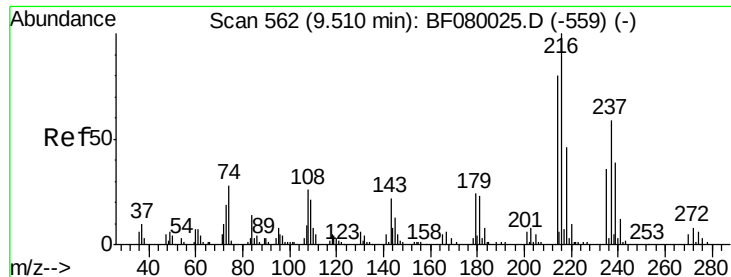
Tgt Ion:142 Resp: 162845
 Ion Ratio Lower Upper
 142 100
 141 88.5 67.5 101.3
 115 32.1 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:164 Resp: 83807
 Ion Ratio Lower Upper
 164 100
 162 100.8 75.2 112.8
 160 43.9 31.5 47.3

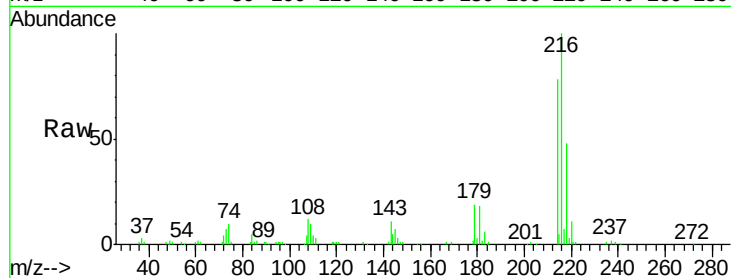




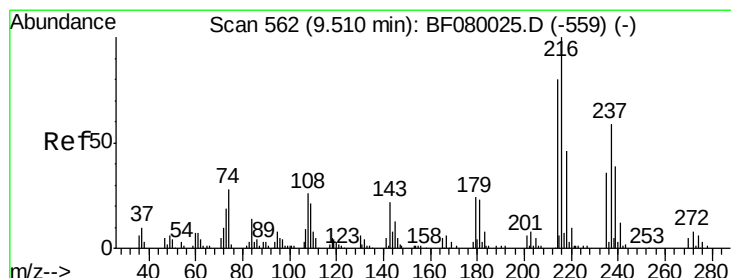
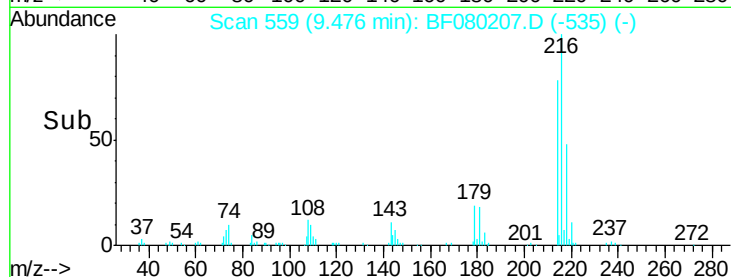
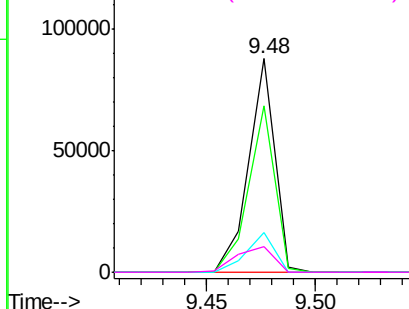
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.91 ng
 RT: 9.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:	216	Resp:	72950
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.5	95.3
179	20.0	16.6	24.8
108	17.6	16.3	24.5

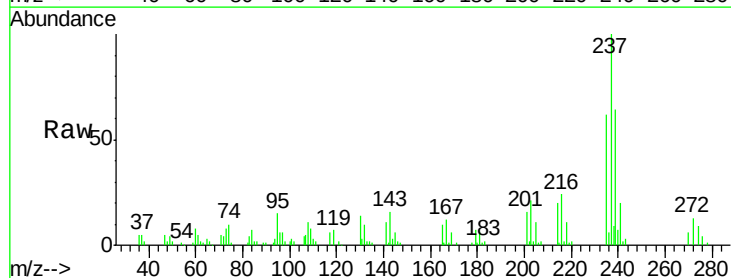


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

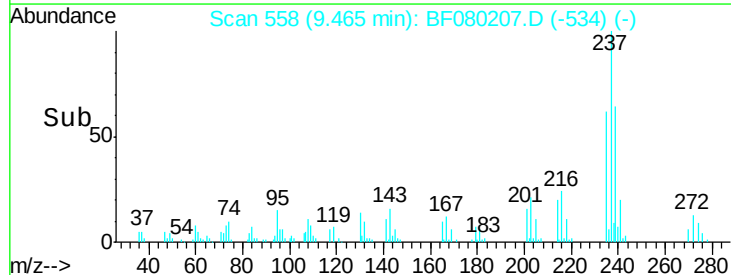
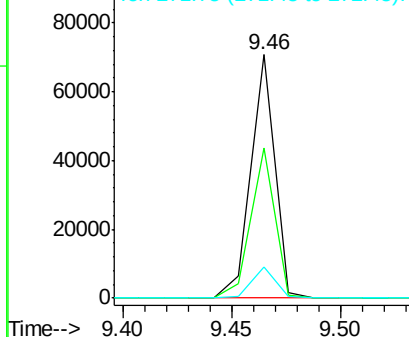


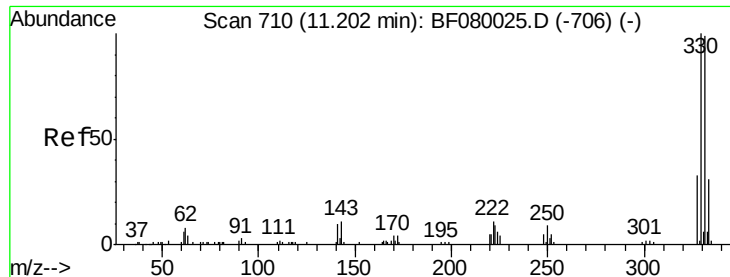
#40
 Hexachlorocyclopentadiene
 Concen: 45.93 ng
 RT: 9.46 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:	237	Resp:	54023
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.0	82.0
272	12.6	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

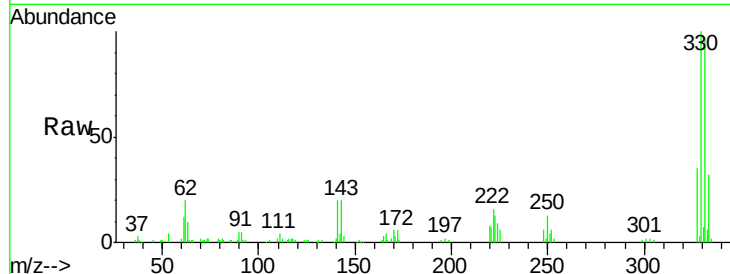




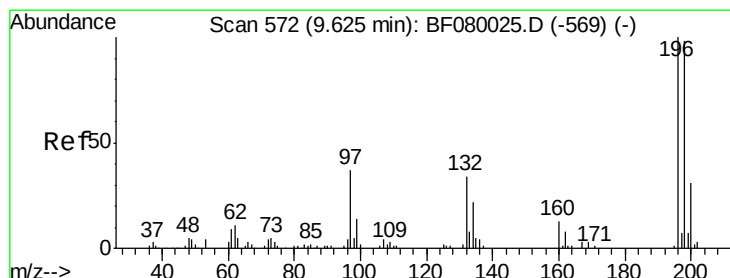
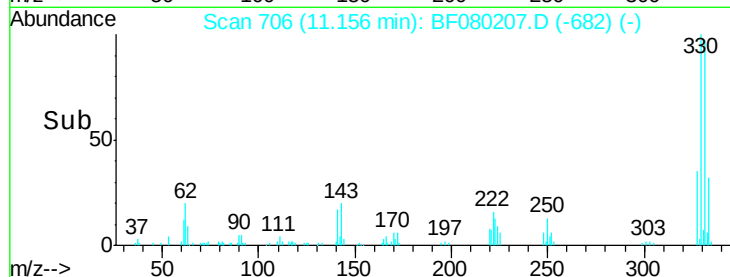
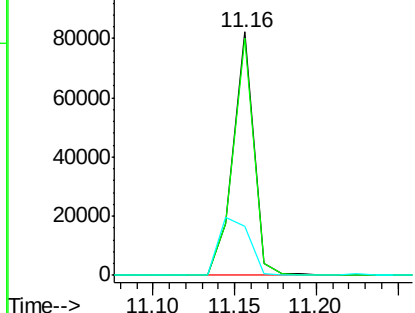
#41
 2,4,6-Tribromophenol
 Concen: 87.67 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:330 Resp: 71849
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 35.3 29.7 44.5

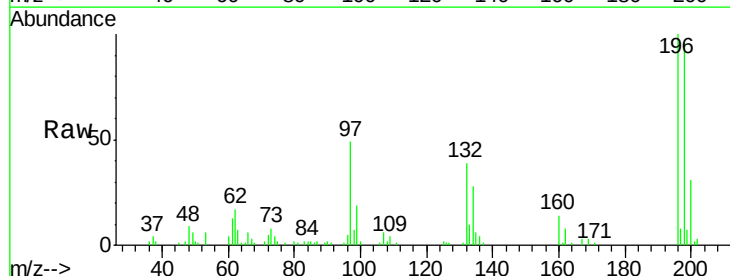


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

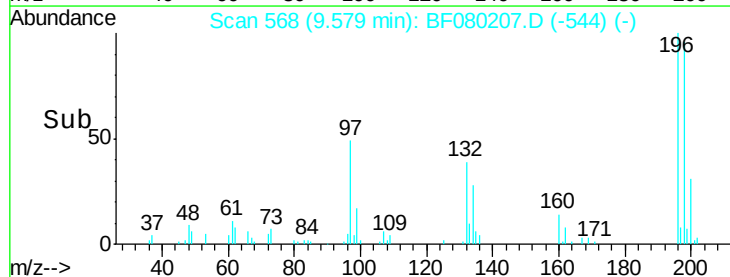
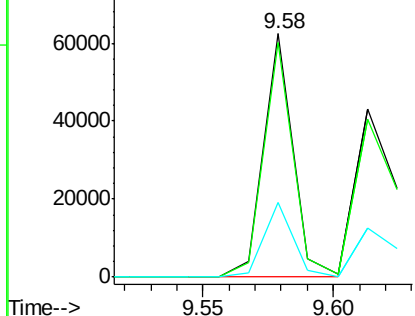


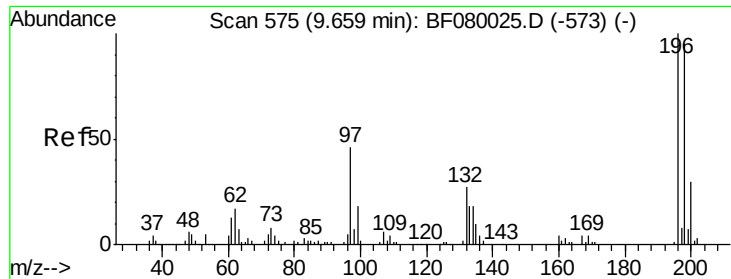
#42
 2,4,6-Trichlorophenol
 Concen: 29.66 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:196 Resp: 49221
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.7 23.9 35.9



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

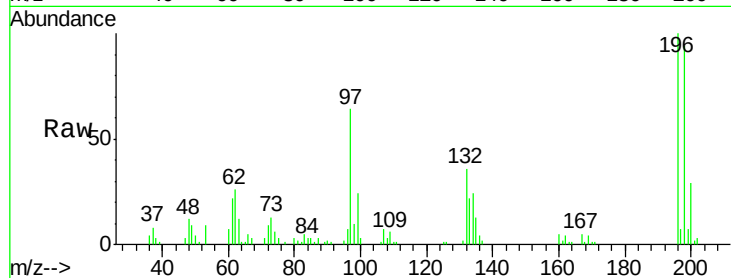




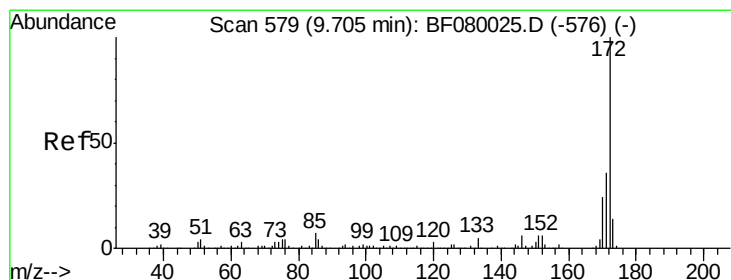
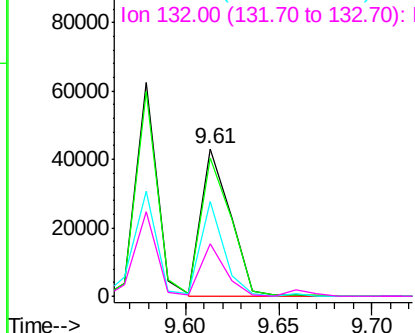
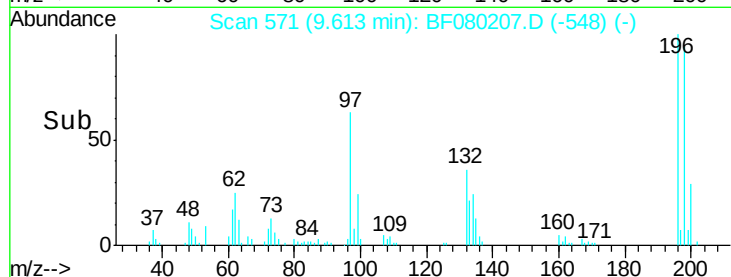
#43
 2,4,5-Trichlorophenol
 Concen: 24.51 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:196 Resp: 46850
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.4 113.0
 97 64.3 33.3 49.9#
 132 35.7 24.6 37.0

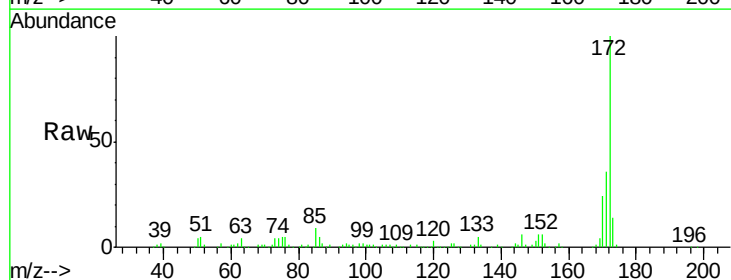


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

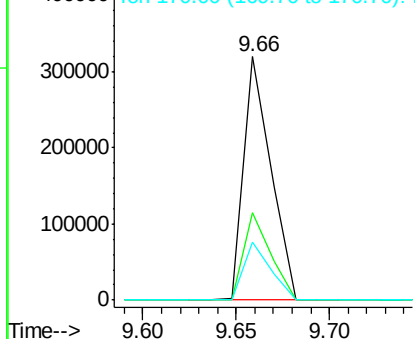
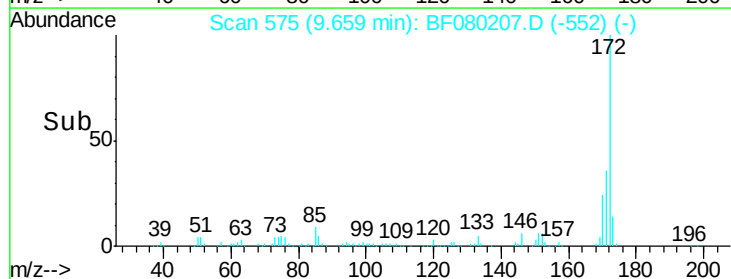


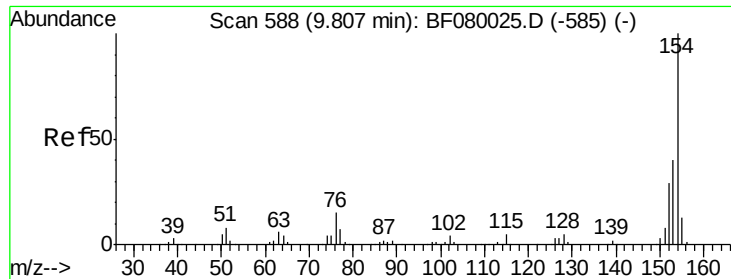
#44
 2-Fluorobiphenyl
 Concen: 55.00 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:172 Resp: 323189
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 24.0 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

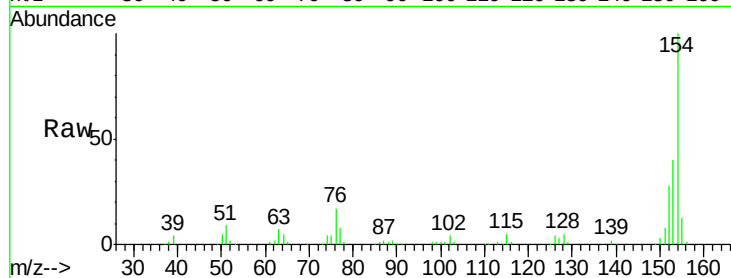




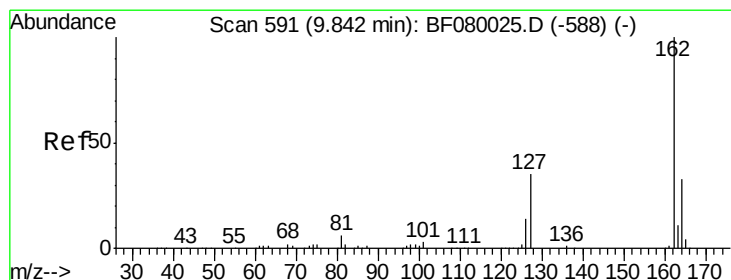
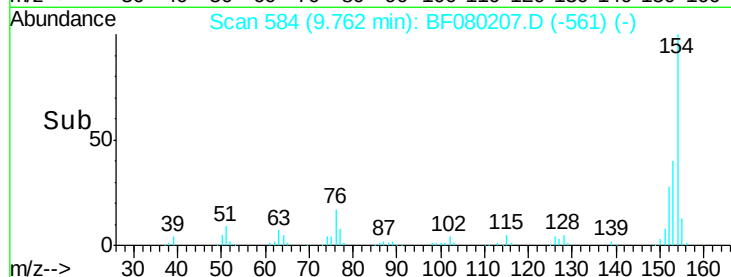
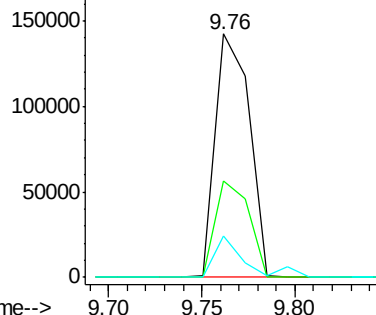
#45
 1,1'-Biphenyl
 Concen: 26.29 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:	154	Resp:	179241
Ion	Ratio	Lower	Upper
154	100		
153	39.5	17.1	57.1
76	16.8	0.0	31.6

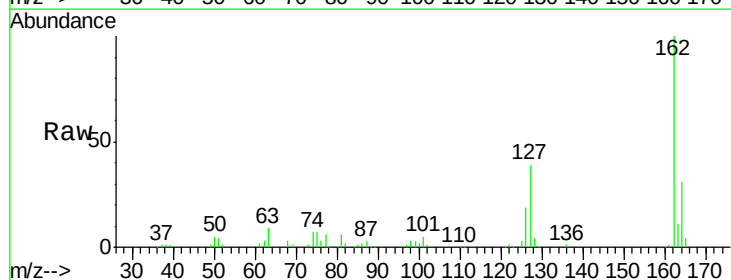


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

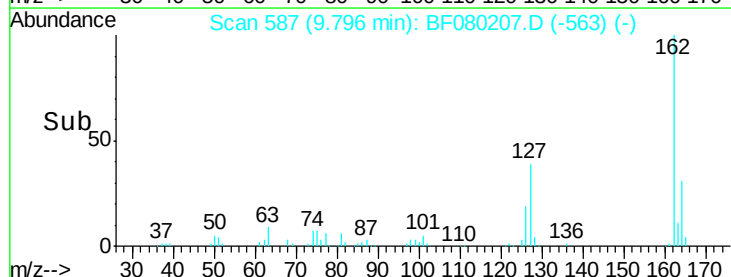
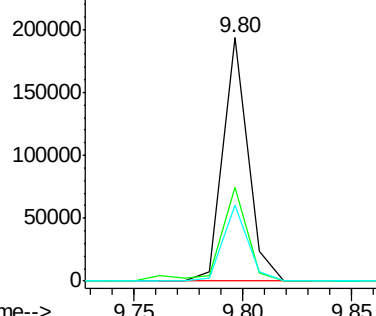


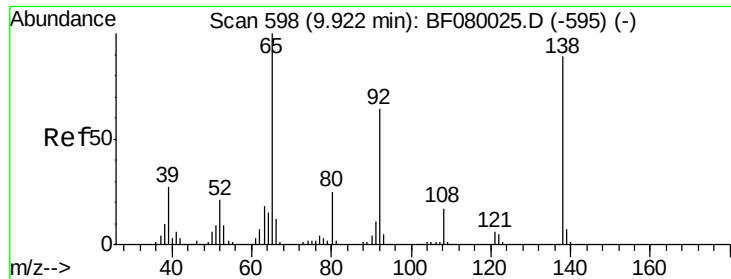
#46
 2-Chloronaphthalene
 Concen: 27.84 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:	162	Resp:	154019
Ion	Ratio	Lower	Upper
162	100		
127	38.7	27.6	41.4
164	31.4	25.4	38.2



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

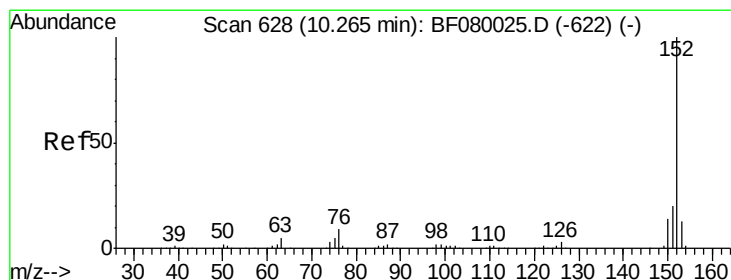
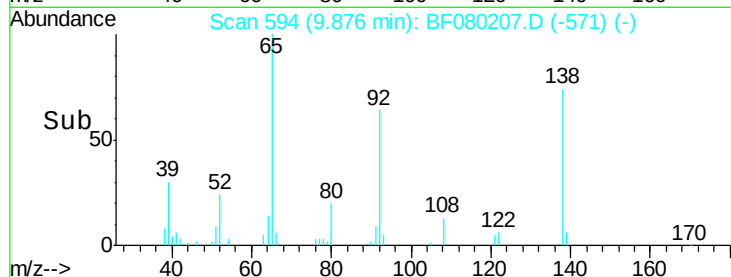
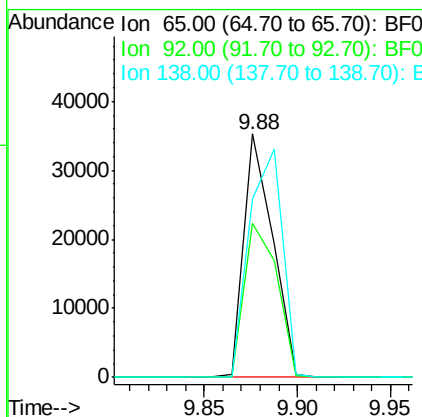
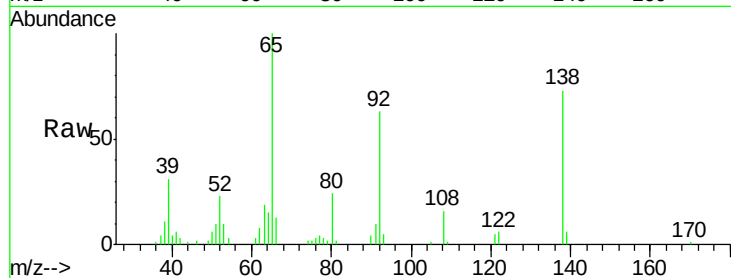




#47
2-Nitroaniline
Concen: 25.02 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.03 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

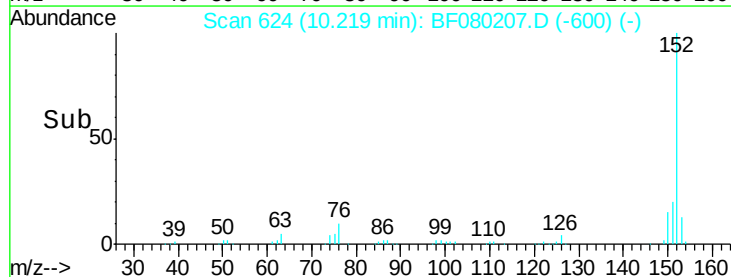
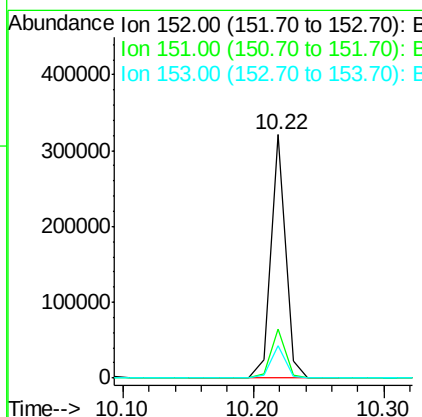
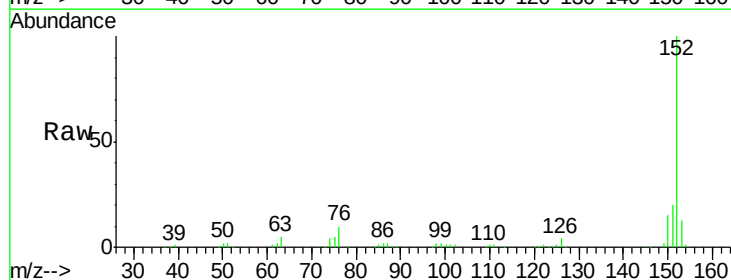
Instrument :
BNA_F
ClientSampleId :
PB84255BS

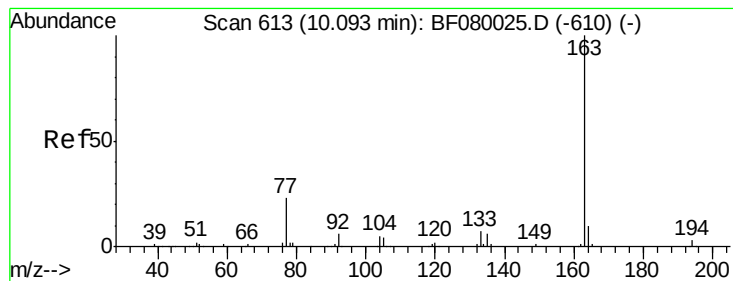
Tgt Ion: 65 Resp: 37992
Ion Ratio Lower Upper
65 100
92 63.2 55.4 83.0
138 73.2 115.5 173.3#



#48
Acenaphthylene
Concen: 27.44 ng
RT: 10.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

Tgt Ion: 152 Resp: 253396
Ion Ratio Lower Upper
152 100
151 20.0 14.6 22.0
153 13.2 10.3 15.5





#49

Dimethylphthalate

Concen: 25.59 ng

RT: 10.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

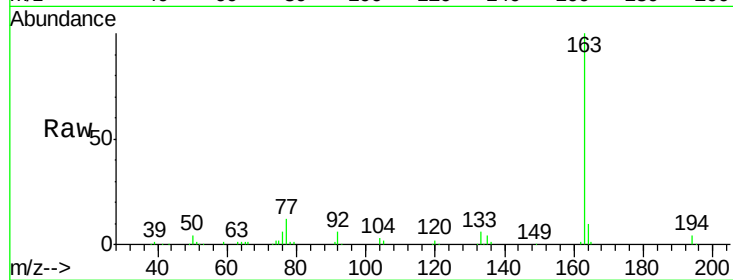
Tgt Ion:163 Resp: 161225

Ion Ratio Lower Upper

163 100

194 4.2 4.4 6.6#

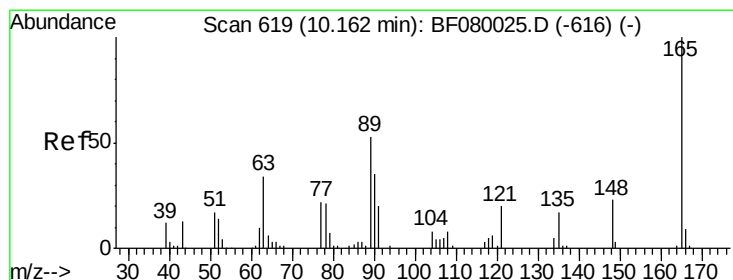
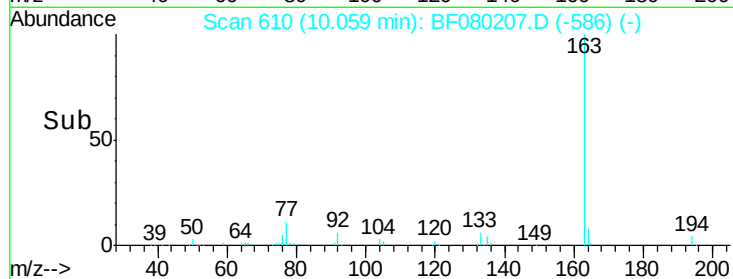
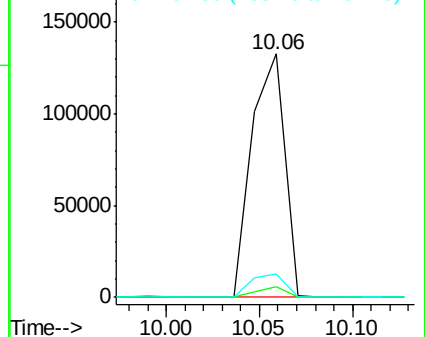
164 9.6 8.3 12.5



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: 25.93 ng

RT: 10.12 min Scan# 615

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

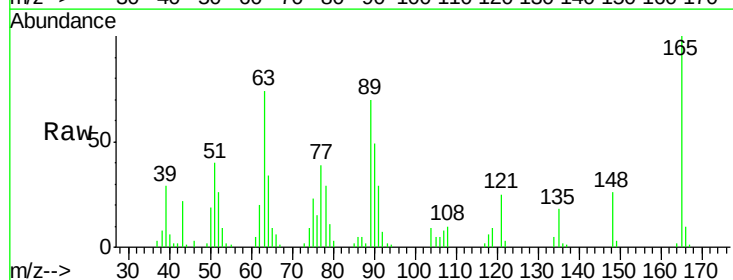
Tgt Ion:165 Resp: 32750

Ion Ratio Lower Upper

165 100

63 74.2 32.3 48.5#

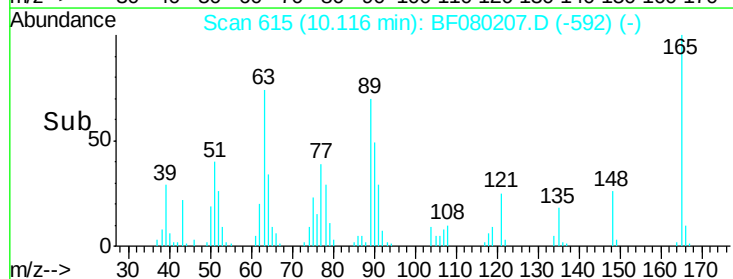
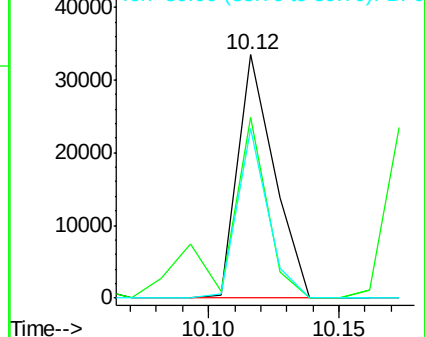
89 69.6 28.6 43.0#

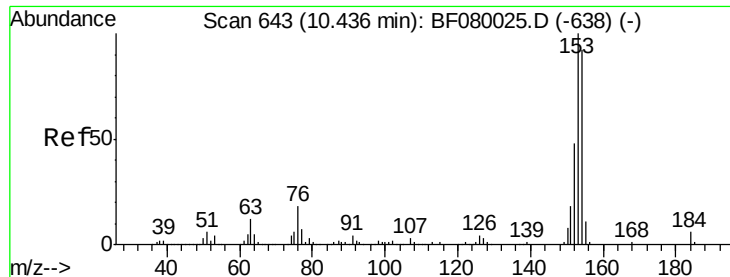


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 27.12 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

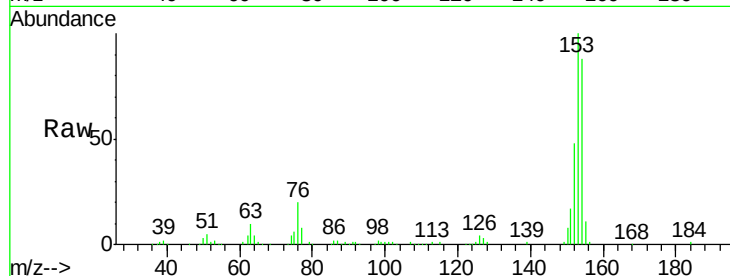
Tgt Ion:154 Resp: 153184

Ion Ratio Lower Upper

154 100

153 113.8 82.1 123.1

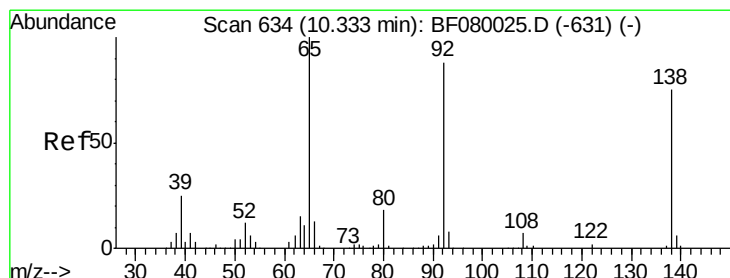
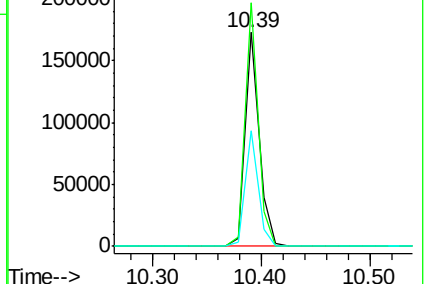
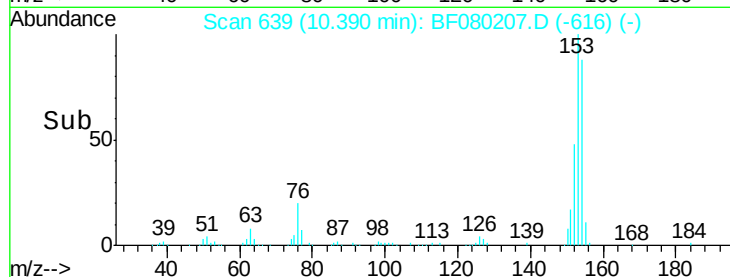
152 54.1 37.9 56.9



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: 23.85 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

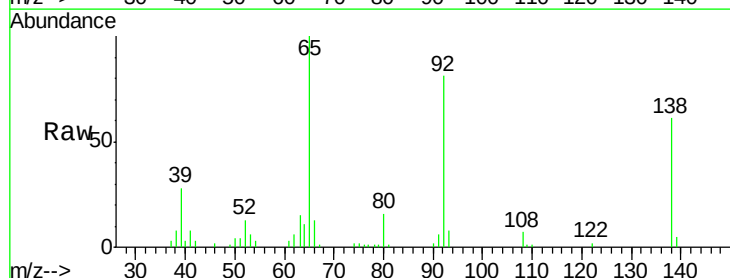
Tgt Ion:138 Resp: 34757

Ion Ratio Lower Upper

138 100

108 10.8 5.7 8.5#

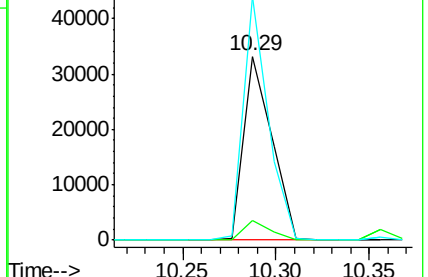
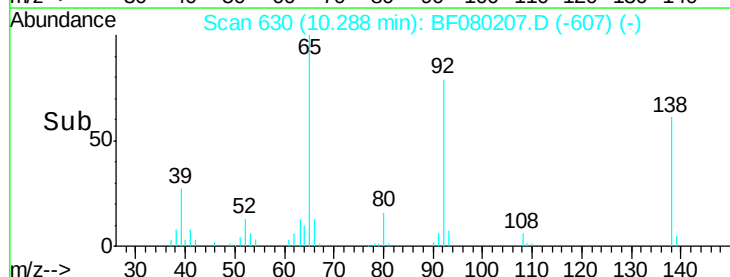
92 132.6 67.7 101.5#

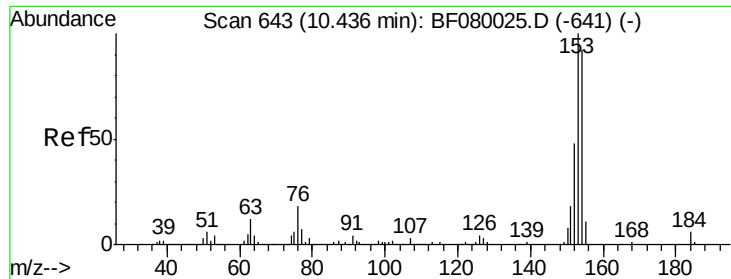


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

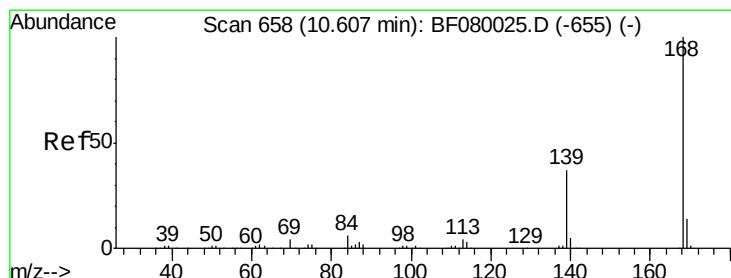
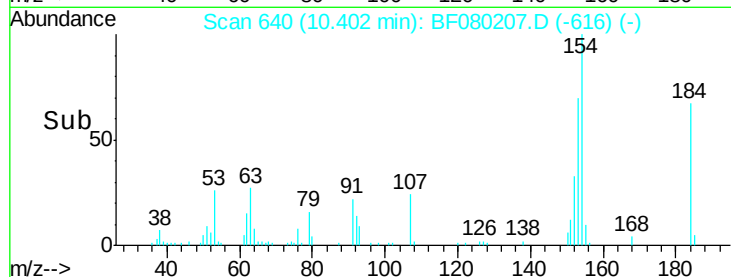
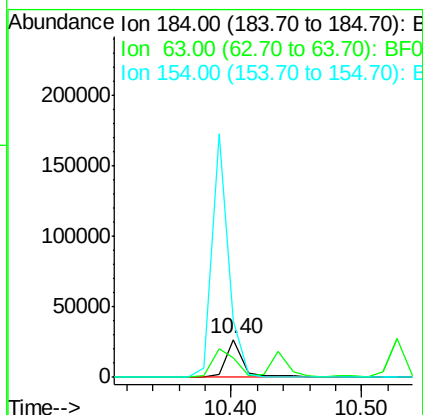
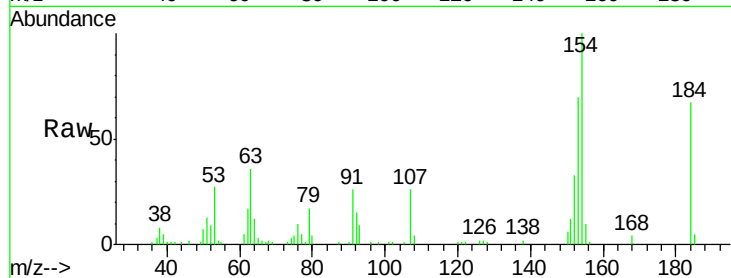




#53
 2,4-Dinitrophenol
 Concen: 49.40 ng
 RT: 10.40 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

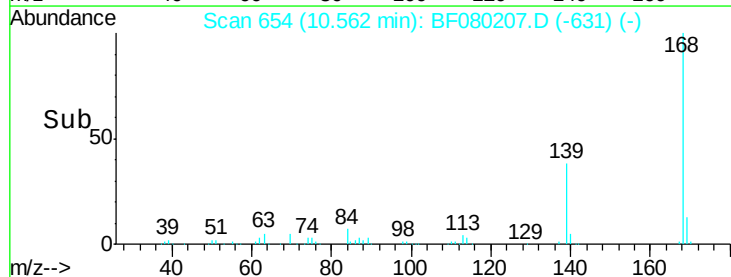
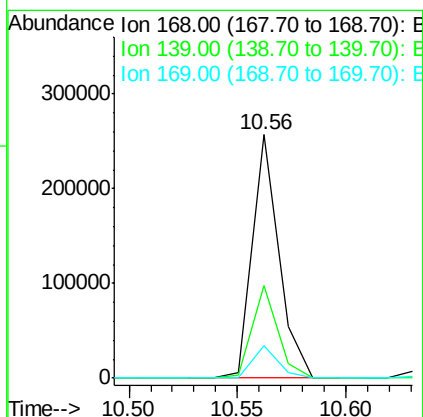
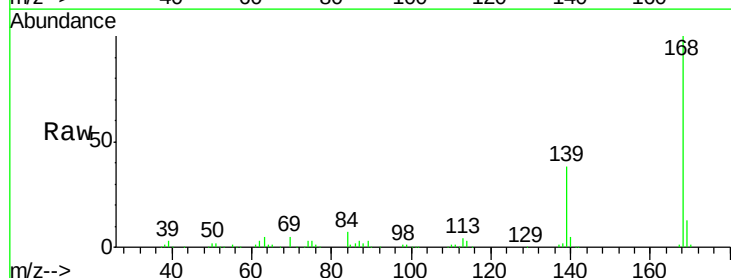
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

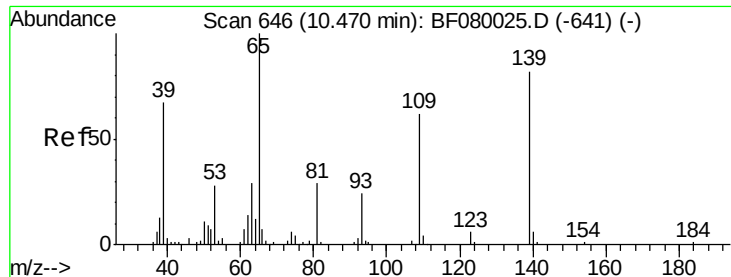
Tgt Ion:184 Resp: 24159
 Ion Ratio Lower Upper
 184 100
 63 53.3 35.4 53.2#
 154 149.2 32.2 48.4#



#54
 Dibenzofuran
 Concen: 27.23 ng
 RT: 10.56 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:168 Resp: 218304
 Ion Ratio Lower Upper
 168 100
 139 38.0 24.2 36.2#
 169 13.4 10.6 15.8

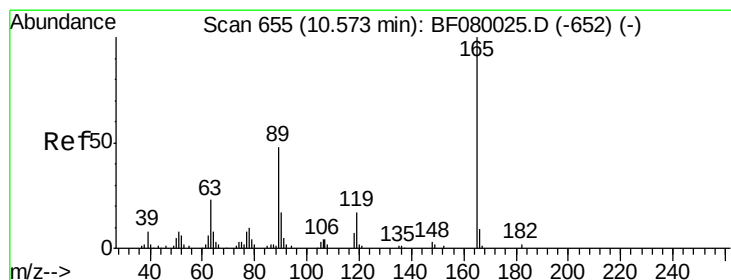
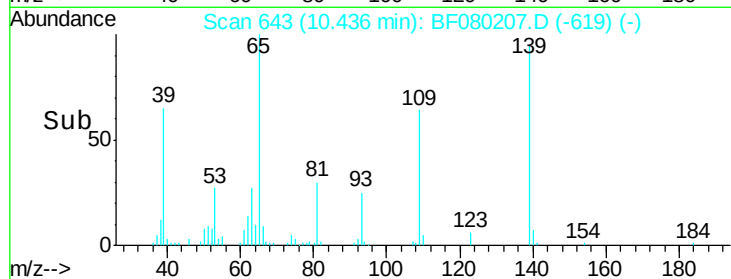
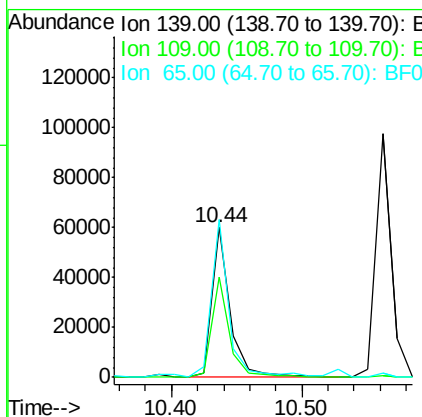
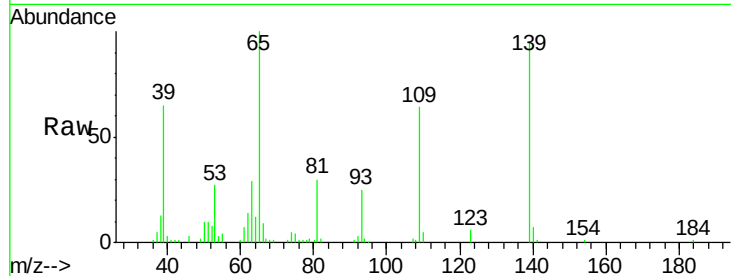




#55
4-Nitrophenol
Concen: 51.20 ng
RT: 10.44 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

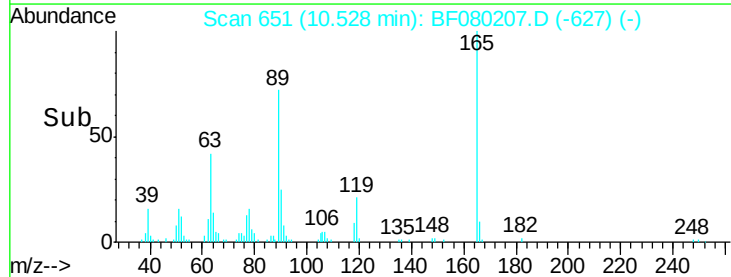
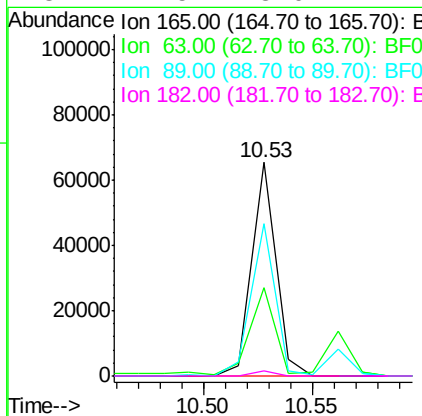
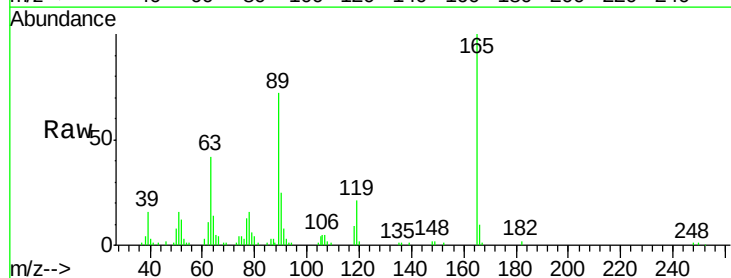
Instrument :
BNA_F
ClientSampleId :
PB84255BS

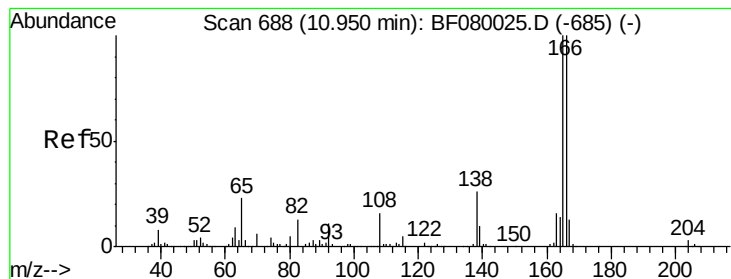
Tgt Ion:139 Resp: 59640
Ion Ratio Lower Upper
139 100
109 67.0 12.7 52.7#
65 105.4 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 31.46 ng
RT: 10.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

Tgt Ion:165 Resp: 50432
Ion Ratio Lower Upper
165 100
63 41.5 29.8 44.6
89 71.6 44.5 66.7#
182 2.5 3.0 4.4#





#57

Fluorene

Concen: 26.49 ng

RT: 10.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

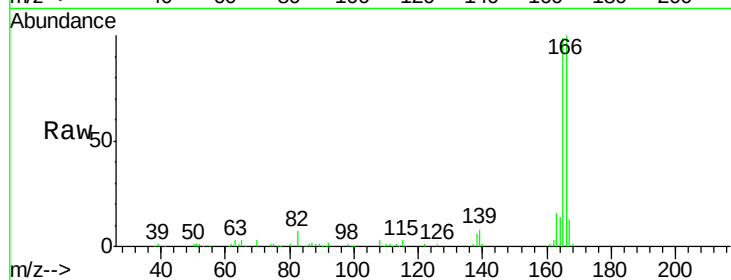
Tgt Ion:166 Resp: 168507

Ion Ratio Lower Upper

166 100

165 99.1 72.6 109.0

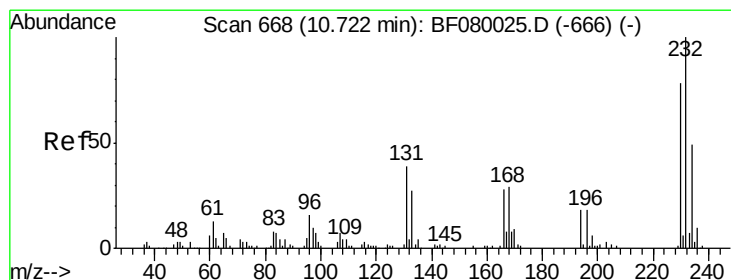
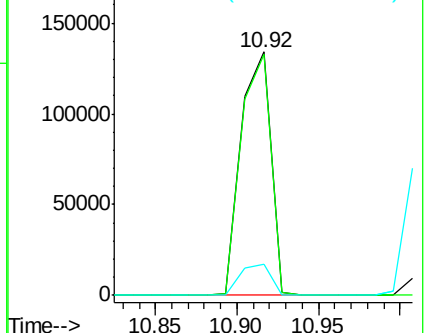
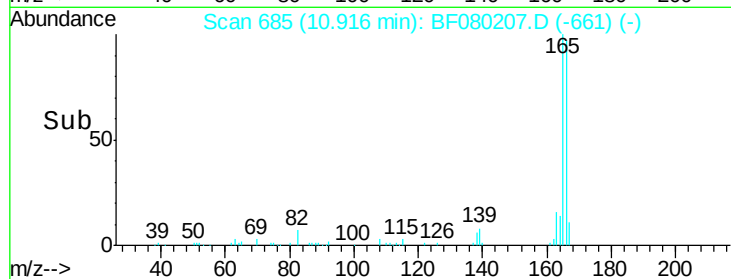
167 12.7 10.6 16.0



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: 25.13 ng

RT: 10.68 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Tgt Ion:232 Resp: 40562

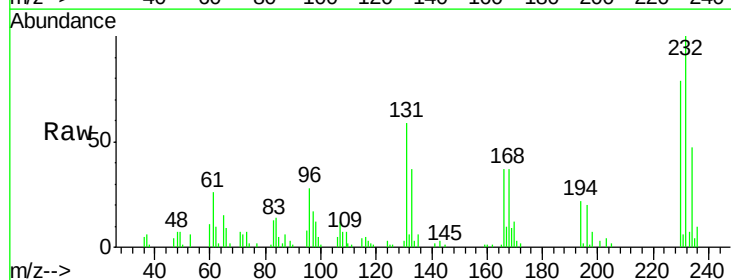
Ion Ratio Lower Upper

232 100

131 46.5 38.5 57.7

130 1.6 1.8 2.6#

166 30.5 25.0 37.6

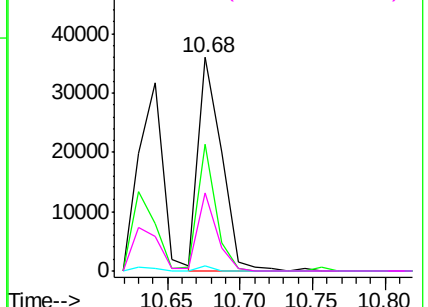
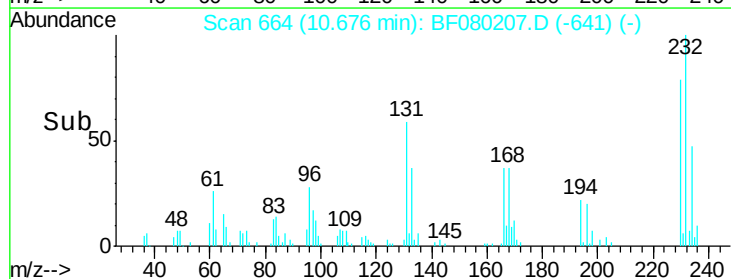


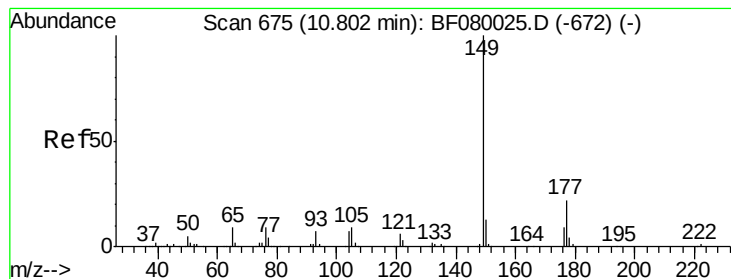
Abundance Ion 232.00 (231.70 to 232.70): E

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: 24.71 ng

RT: 10.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

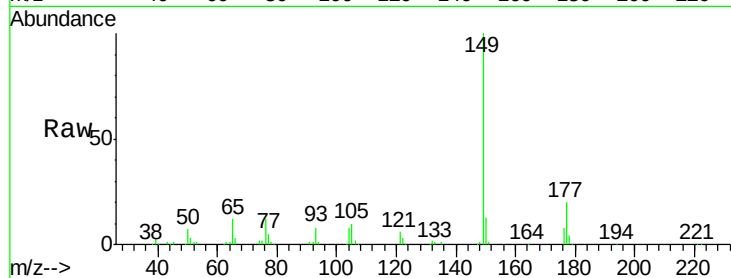
Tgt Ion:149 Resp: 156757

Ion Ratio Lower Upper

149 100

177 20.0 17.5 26.3

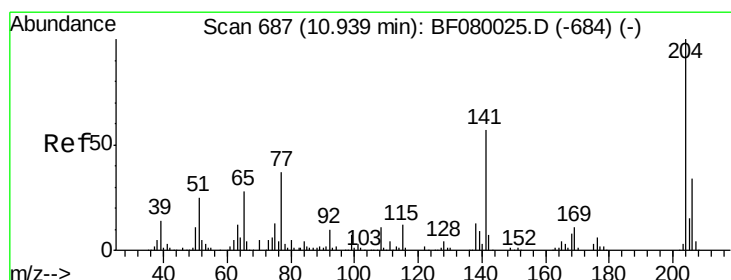
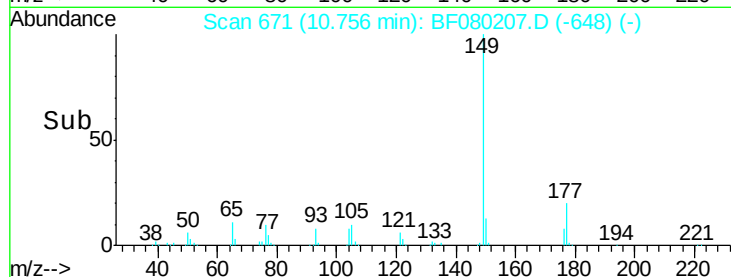
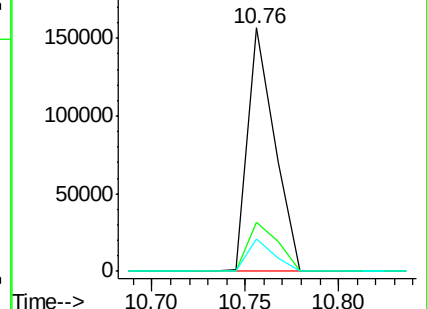
150 13.3 9.4 14.2



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: 26.72 ng

RT: 10.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

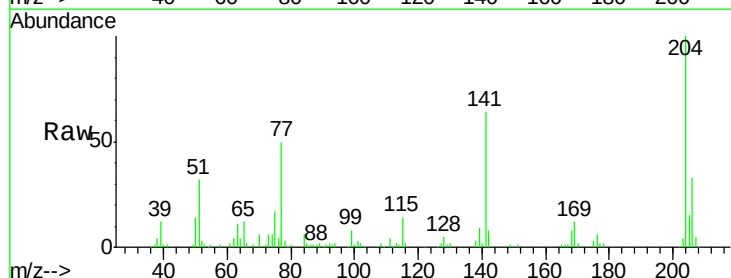
Tgt Ion:204 Resp: 81660

Ion Ratio Lower Upper

204 100

206 33.1 24.8 37.2

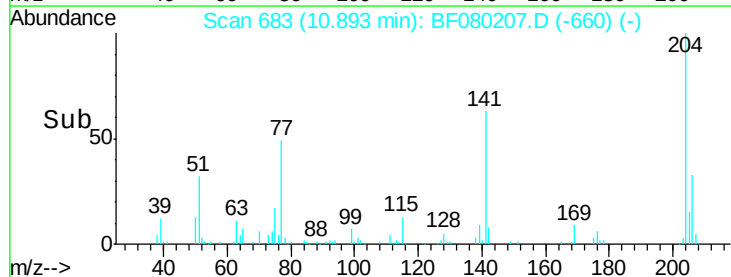
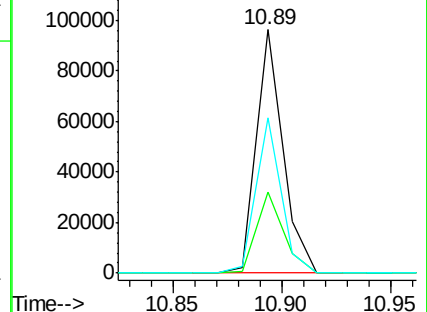
141 63.8 42.2 63.4#

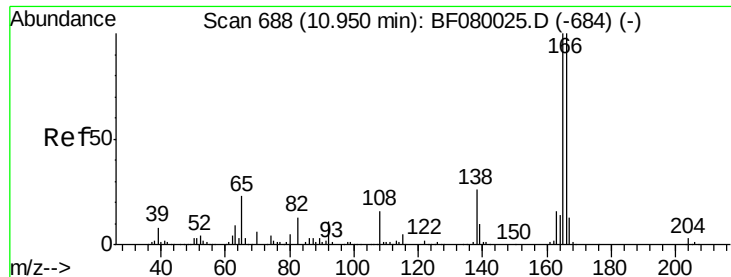


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.71 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

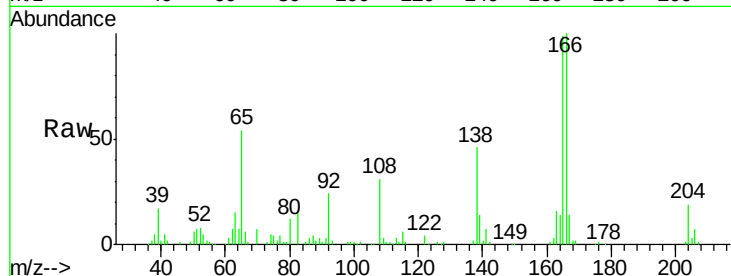
Tgt Ion:138 Resp: 41709

Ion Ratio Lower Upper

138 100

92 51.8 12.6 52.6

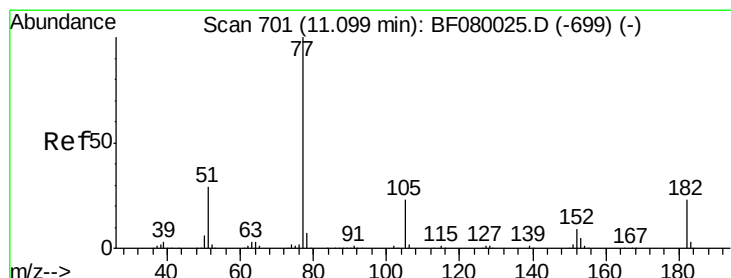
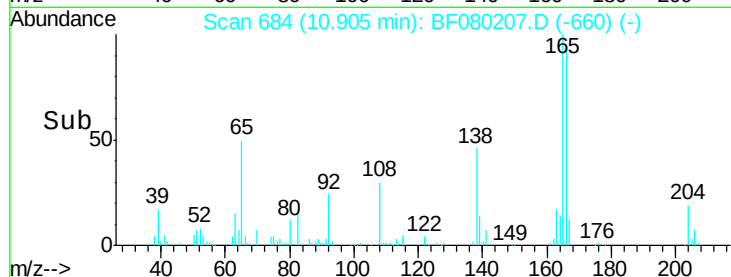
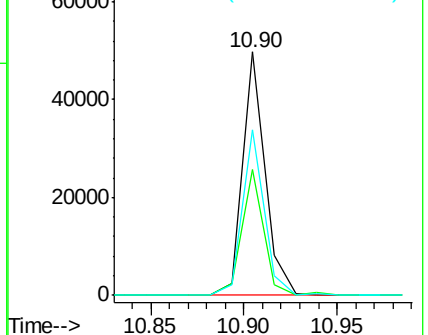
108 67.9 12.4 52.4#



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: 25.85 ng

RT: 11.05 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Tgt Ion: 77 Resp: 166927

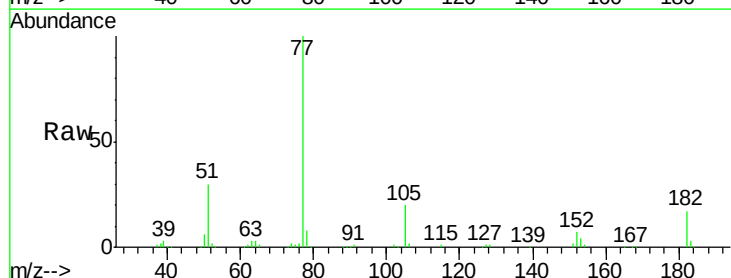
Ion Ratio Lower Upper

77 100

182 17.4 15.1 55.1

105 20.2 3.4 43.4

51 30.2 12.0 52.0

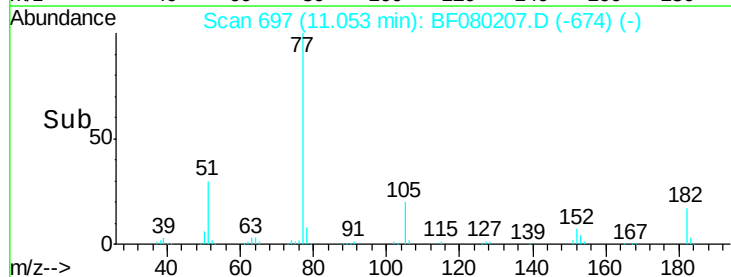
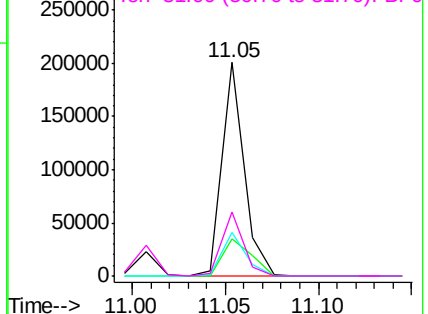


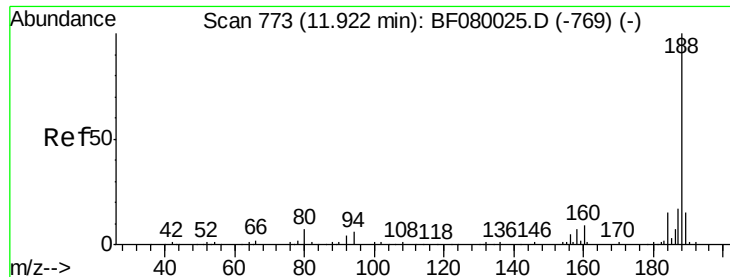
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

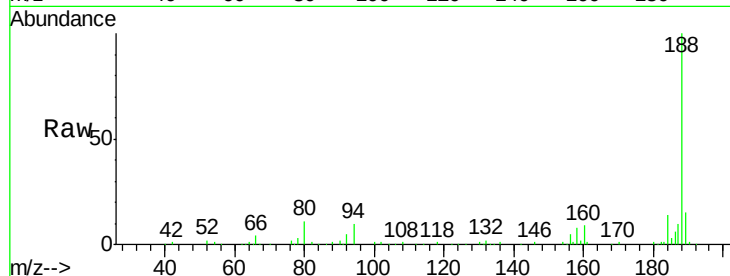




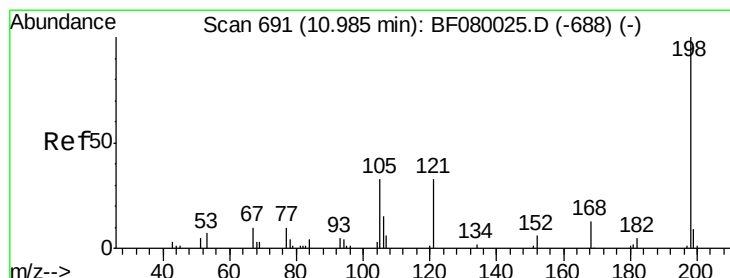
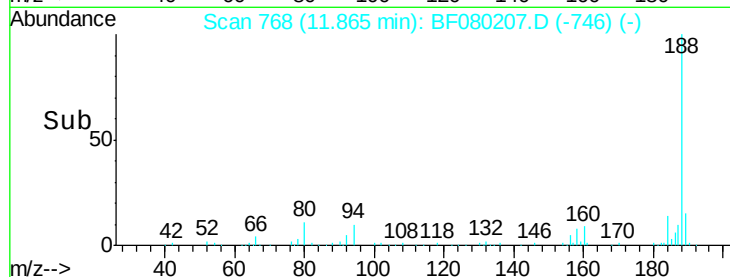
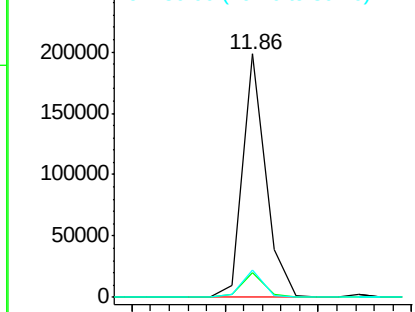
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:188 Resp: 170129
 Ion Ratio Lower Upper
 188 100
 94 10.0 11.1 16.7#
 80 11.2 11.0 16.4

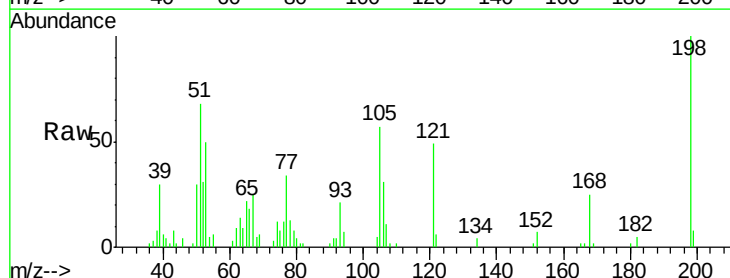


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

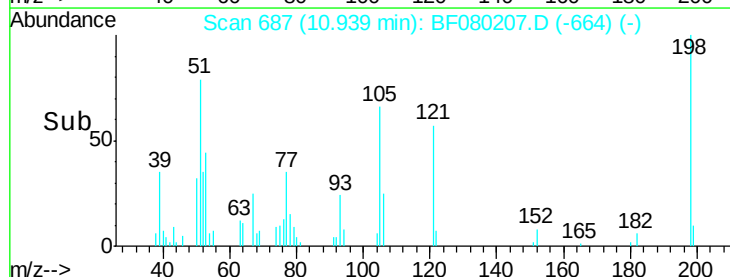
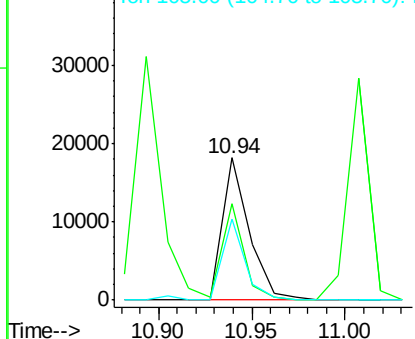


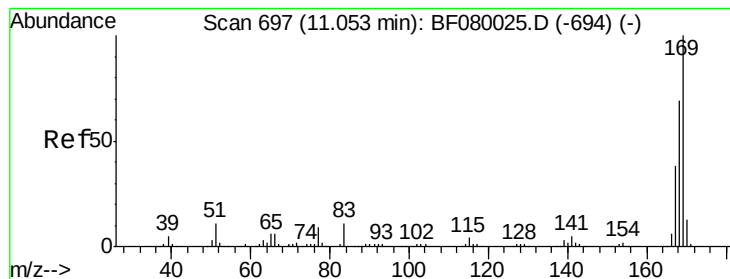
#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.27 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:198 Resp: 18176
 Ion Ratio Lower Upper
 198 100
 51 67.8 39.6 79.6
 105 57.2 28.5 68.5



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

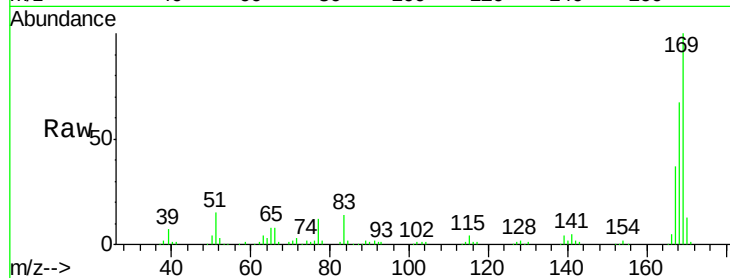




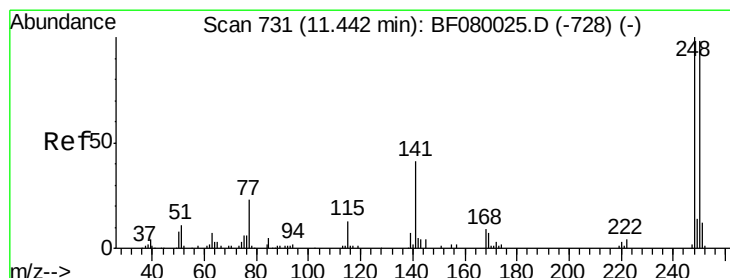
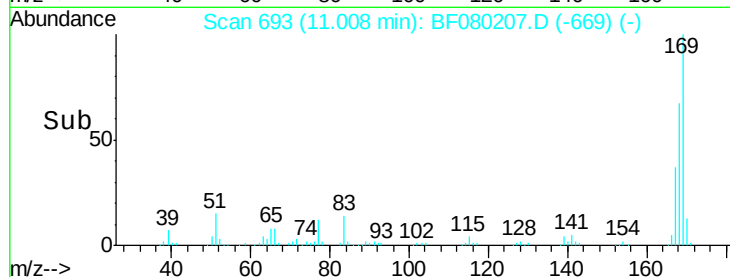
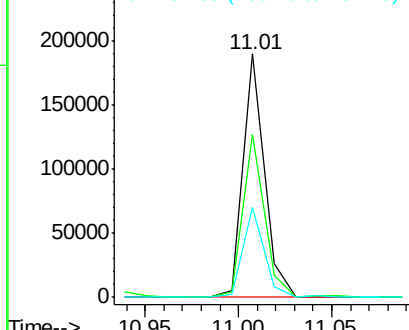
#65
 n-Nitrosodiphenylamine
 Concen: 27.40 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:169 Resp: 151817
 Ion Ratio Lower Upper
 169 100
 168 67.1 48.9 73.3
 167 36.8 26.2 39.4

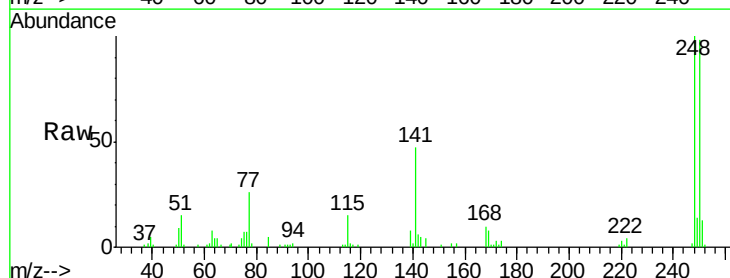


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

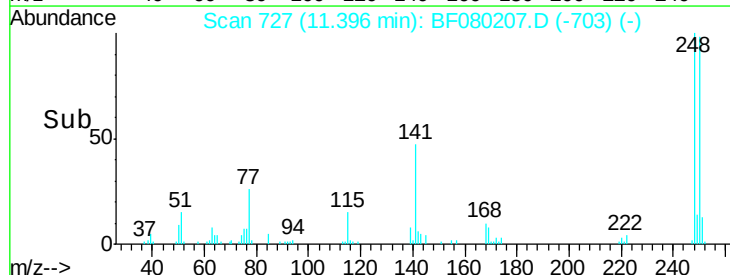
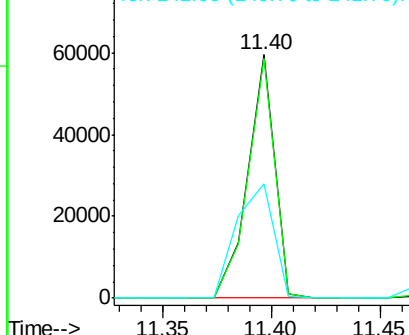


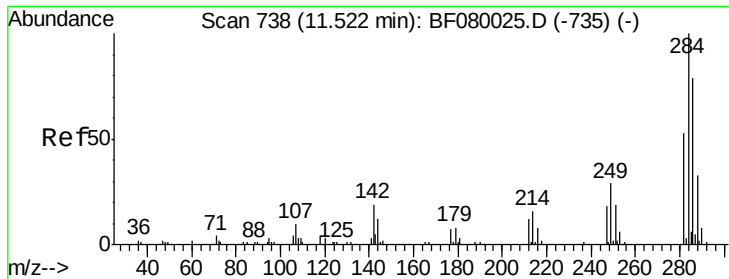
#66
 4-Bromophenyl-phenylether
 Concen: 28.09 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:248 Resp: 50823
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.5 117.7
 141 47.0 59.0 88.6#



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: 26.58 ng

RT: 11.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

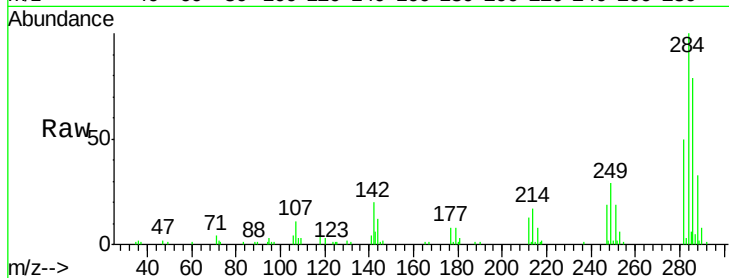
Tgt Ion:284 Resp: 53430

Ion Ratio Lower Upper

284 100

142 20.2 29.5 44.3#

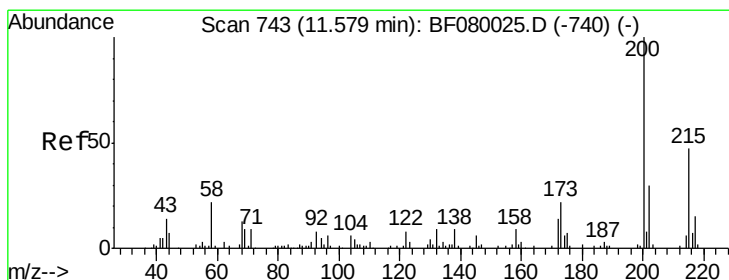
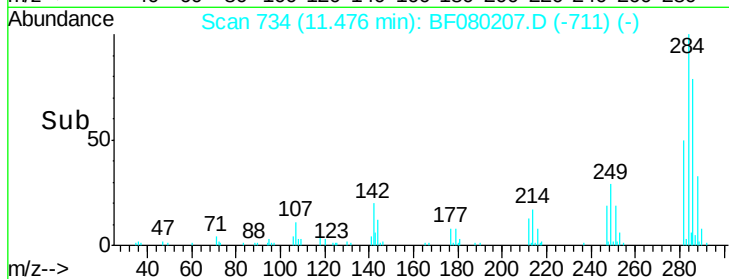
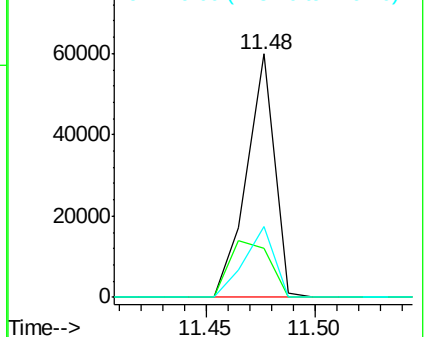
249 28.8 19.5 29.3



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: 28.00 ng

RT: 11.53 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

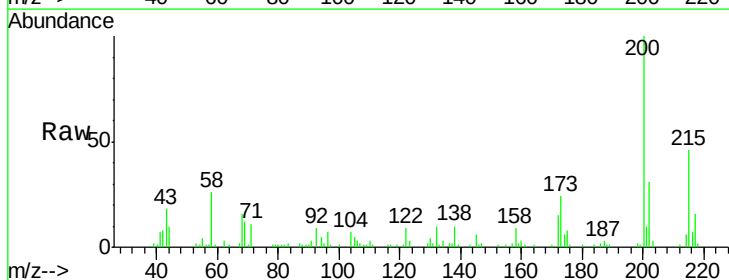
Tgt Ion:200 Resp: 49010

Ion Ratio Lower Upper

200 100

173 23.8 13.2 53.2

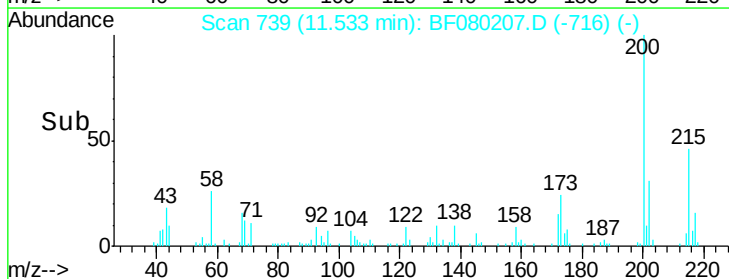
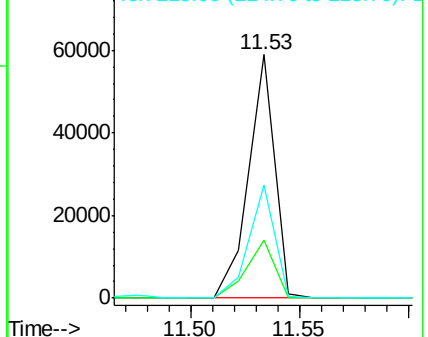
215 46.2 41.8 81.8

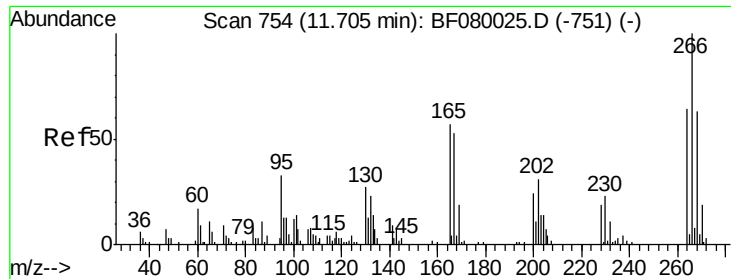


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

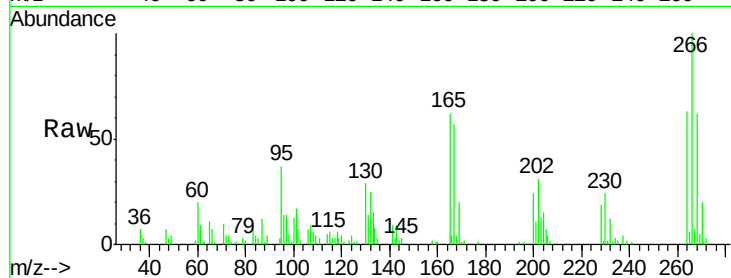




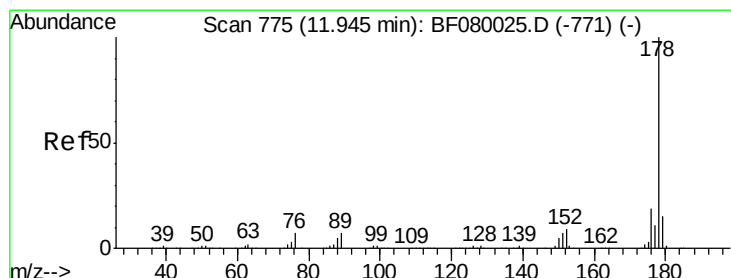
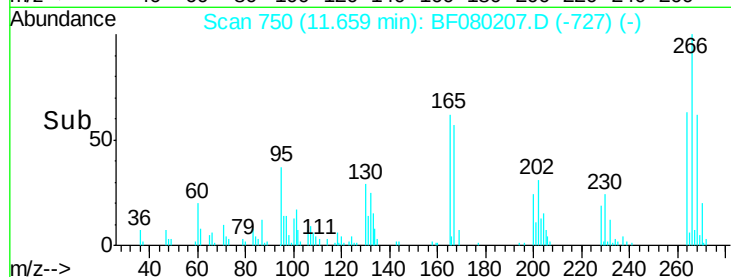
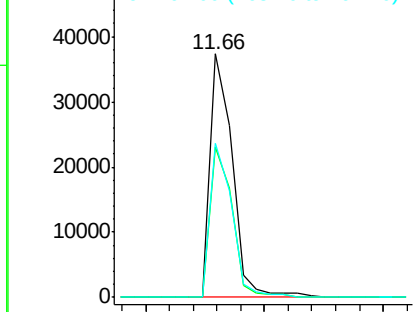
#69
 Pentachlorophenol
 Concen: 42.47 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion: 266 Resp: 48382
 Ion Ratio Lower Upper
 266 100
 268 61.9 49.8 74.6
 264 63.1 50.2 75.2

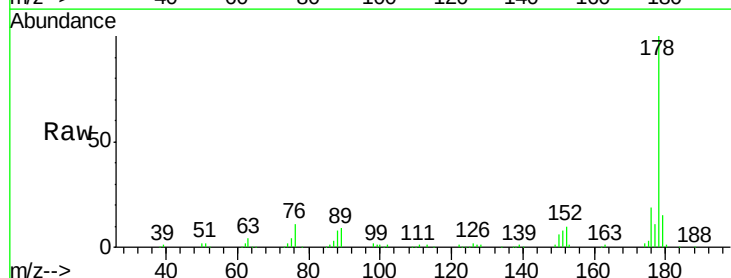


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

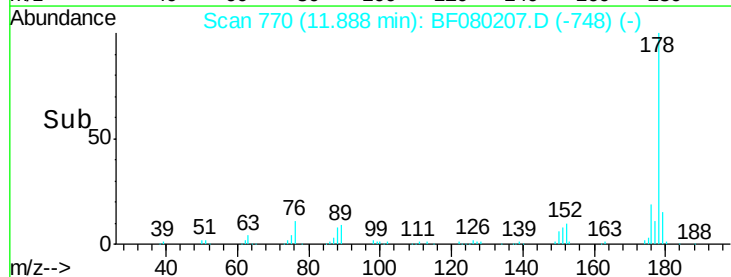
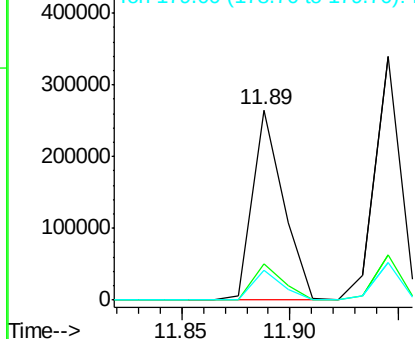


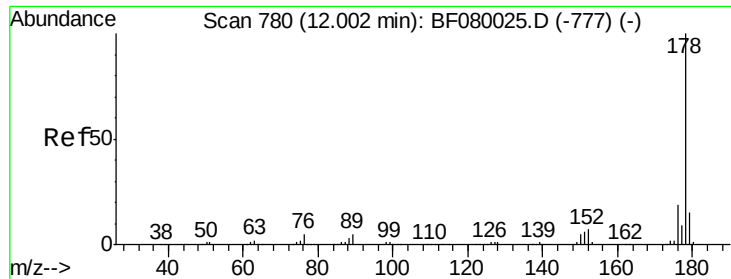
#70
 Phenanthrene
 Concen: 25.42 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion: 178 Resp: 261812
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 15.5 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

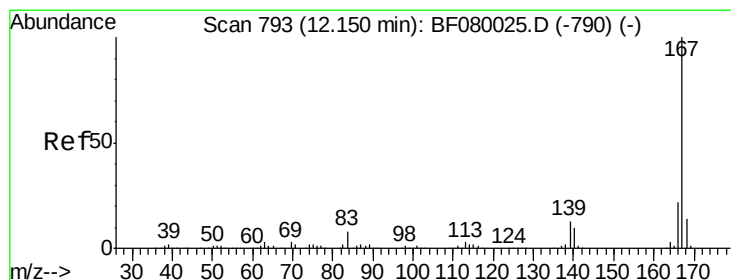
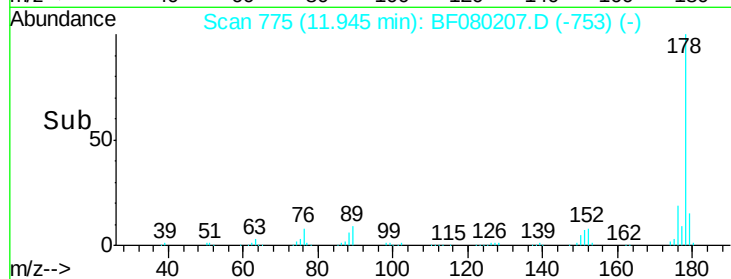
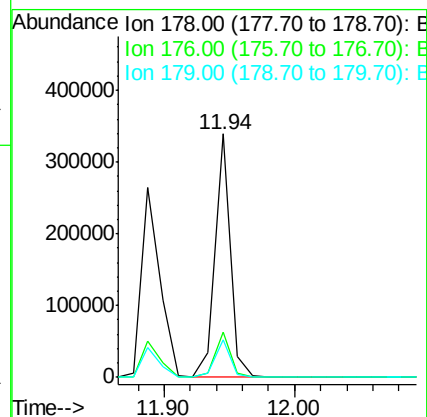
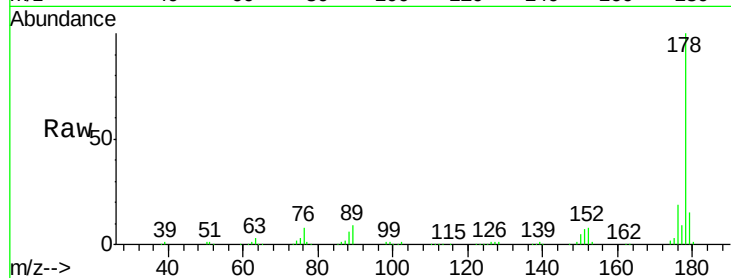




#71
 Anthracene
 Concen: 28.14 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

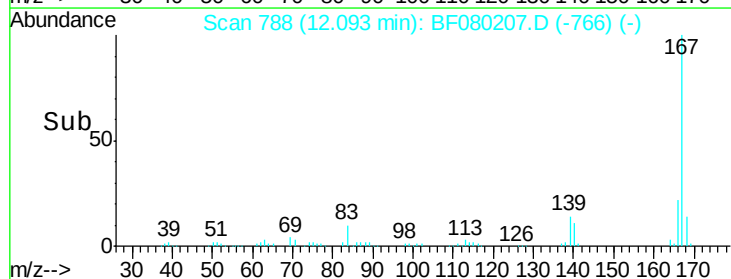
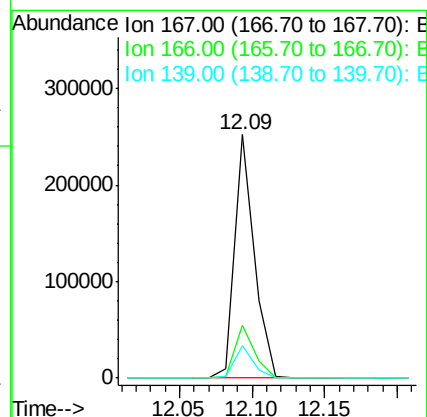
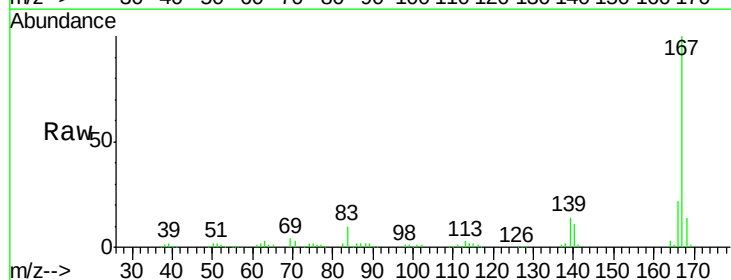
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

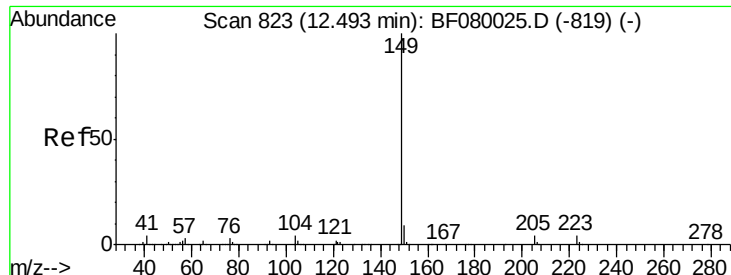
Tgt Ion:178 Resp: 279049
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.1 21.1
 179 15.3 12.2 18.2



#72
 Carbazole
 Concen: 24.95 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.05 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:167 Resp: 236242
 Ion Ratio Lower Upper
 167 100
 166 21.6 15.7 23.5
 139 13.6 9.5 14.3

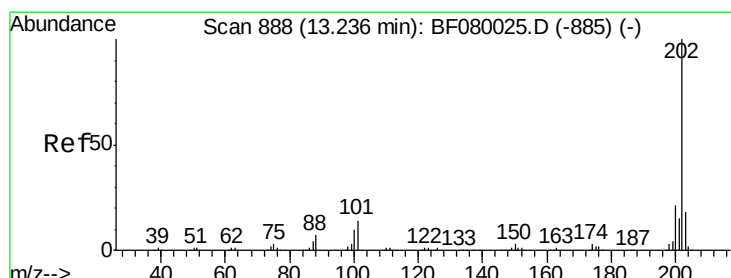
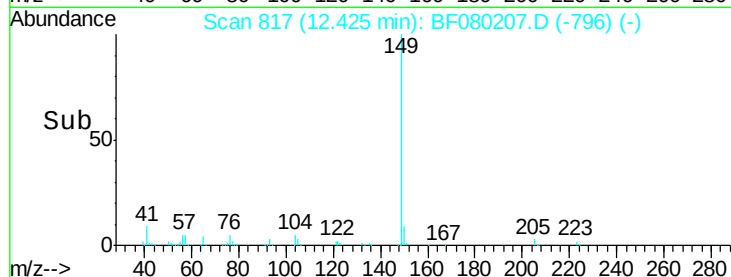
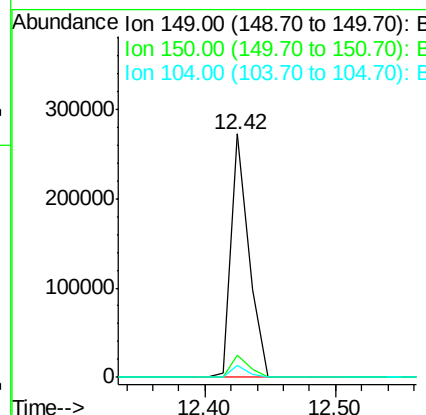
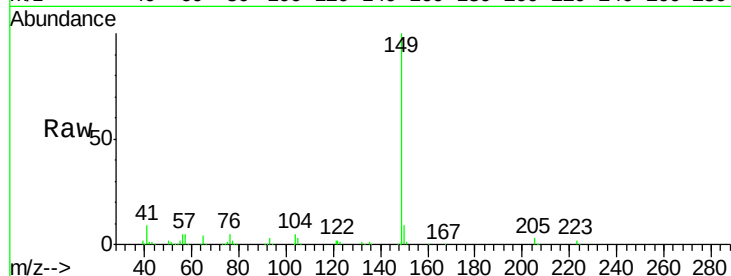




#73
Di-n-butylphthalate
Concen: 23.58 ng
RT: 12.42 min Scan# 817
Delta R.T. -0.06 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

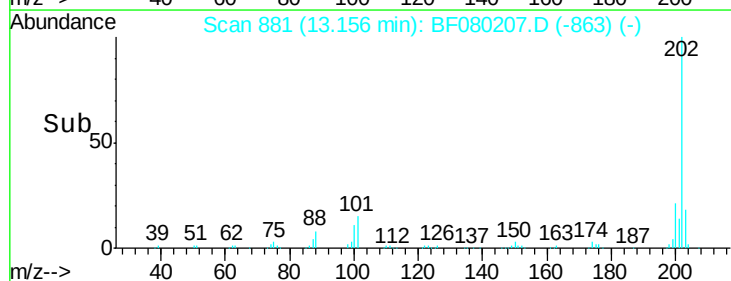
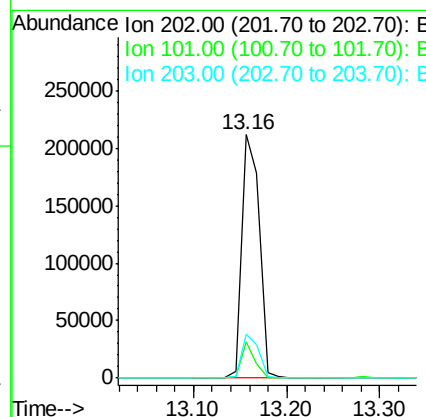
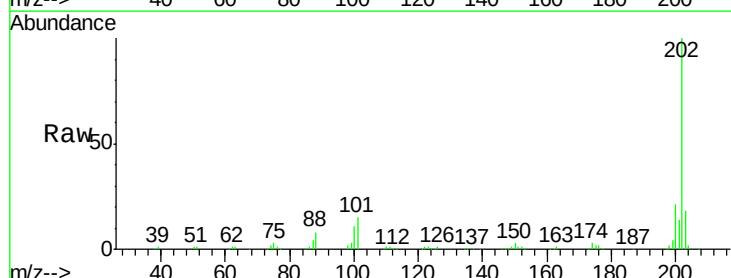
Instrument :
BNA_F
ClientSampleId :
PB84255BS

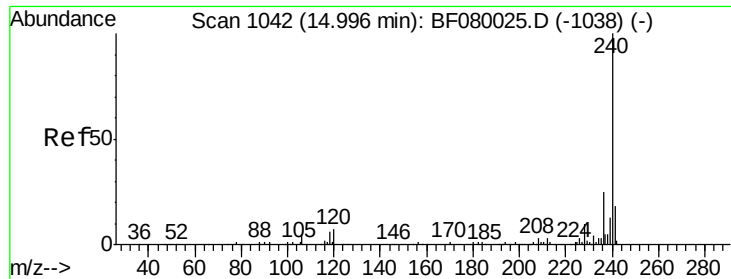
Tgt Ion:149 Resp: 257960
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.1 2.4 3.6#



#74
Fluoranthene
Concen: 25.41 ng
RT: 13.16 min Scan# 881
Delta R.T. -0.09 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

Tgt Ion:202 Resp: 278790
Ion Ratio Lower Upper
202 100
101 14.9 0.0 38.3
203 17.9 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.87 min Scan# 1031

Delta R.T. -0.13 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

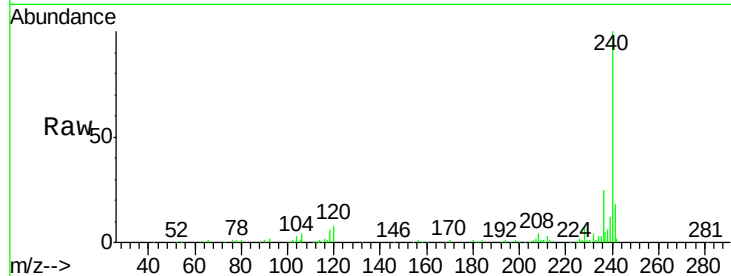
Tgt Ion:240 Resp: 183010

Ion Ratio Lower Upper

240 100

120 7.6 16.2 24.2#

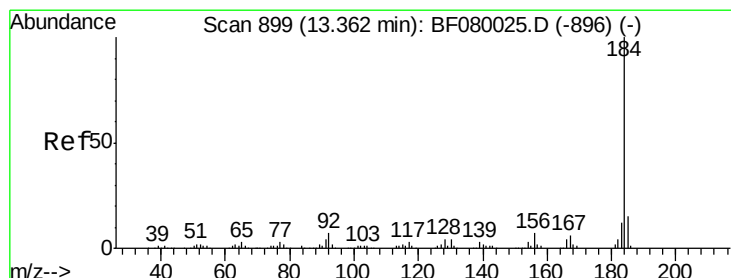
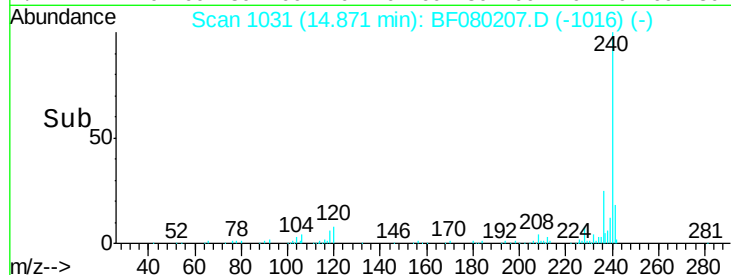
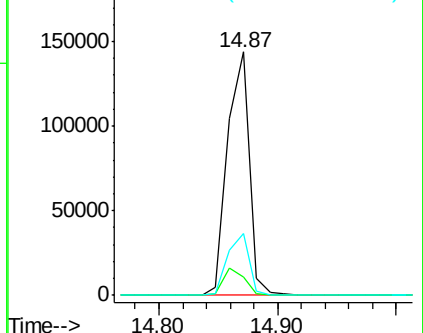
236 25.3 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.82 ng

RT: 13.28 min Scan# 892

Delta R.T. -0.08 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

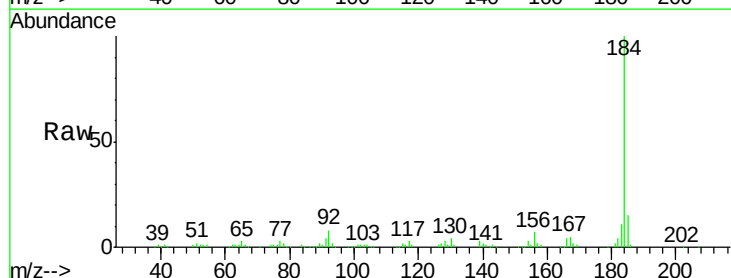
Tgt Ion:184 Resp: 167889

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

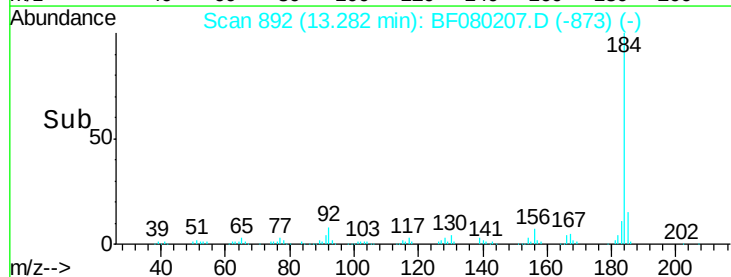
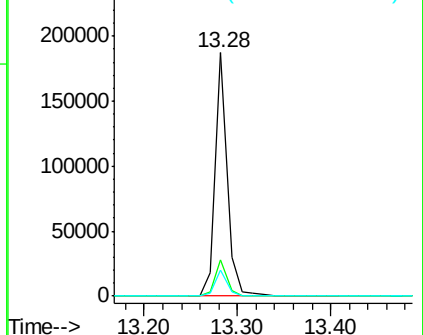
183 10.9 7.6 11.4

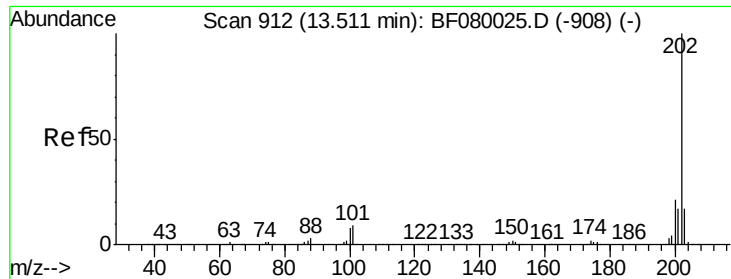


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

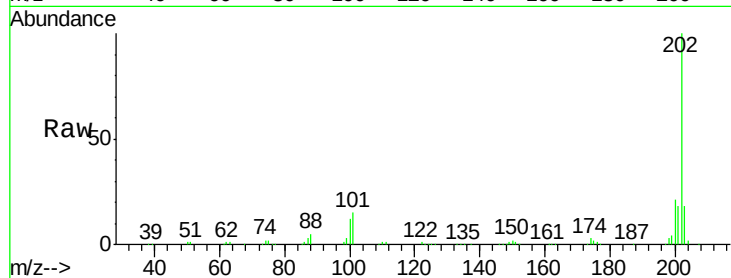




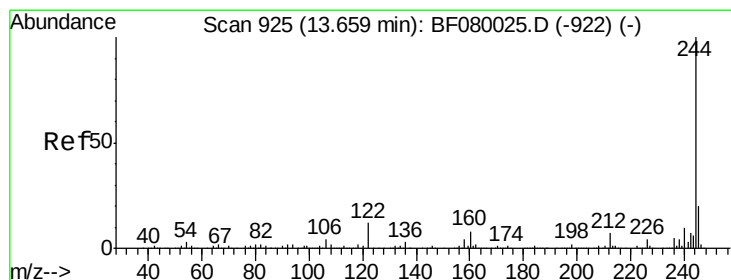
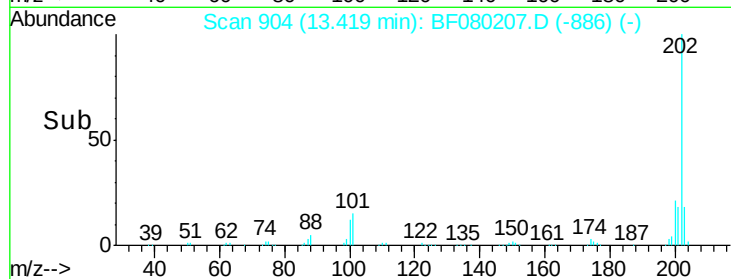
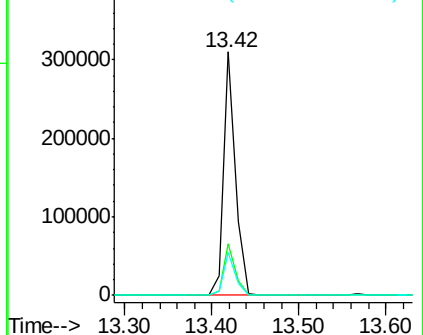
#77
Pyrene
 Concen: 26.61 ng
 RT: 13.42 min Scan# 904
 Delta R.T. -0.09 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	15.0	22.4
203	17.7	14.1	21.1

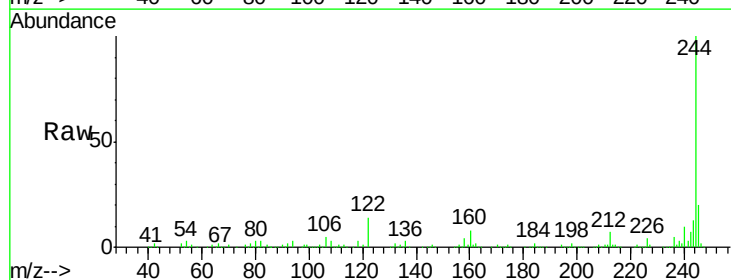


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

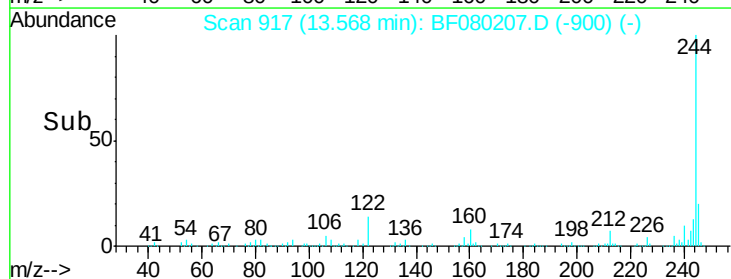
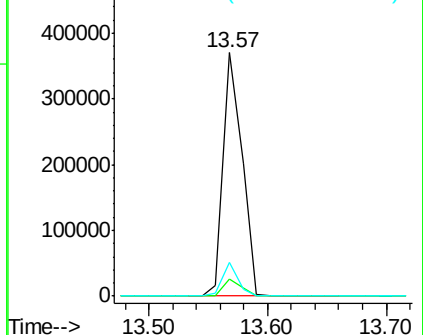


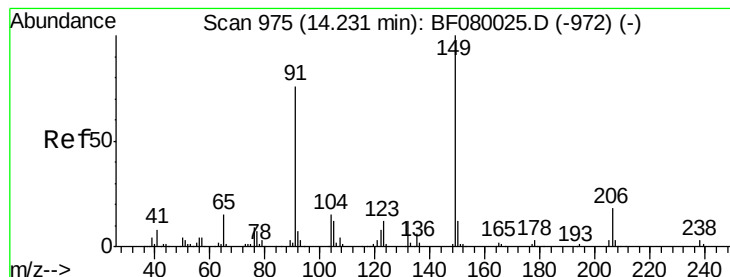
#78
Terphenyl-d14
 Concen: 52.05 ng
 RT: 13.57 min Scan# 917
 Delta R.T. -0.10 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	14.0	17.4	26.2#



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





#79

Butylbenzylphthalate

Concen: 25.95 ng

RT: 14.13 min Scan# 966

Delta R.T. -0.11 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

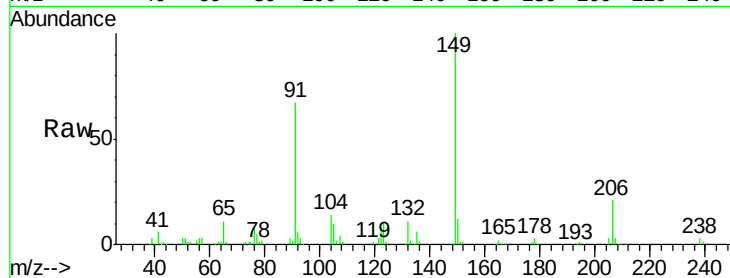
Tgt Ion:149 Resp: 117406

Ion Ratio Lower Upper

149 100

91 66.8 48.6 72.8

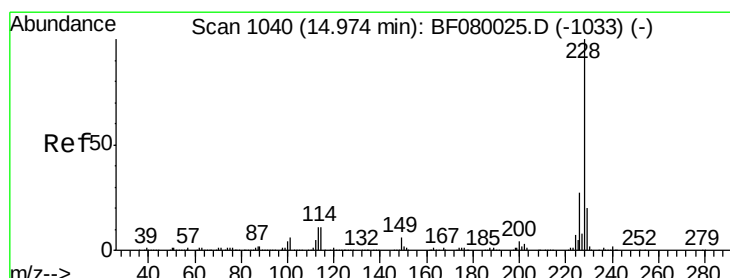
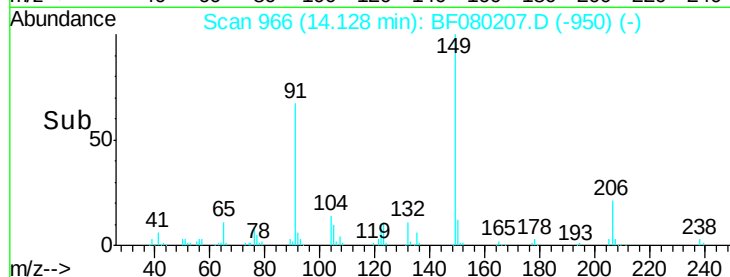
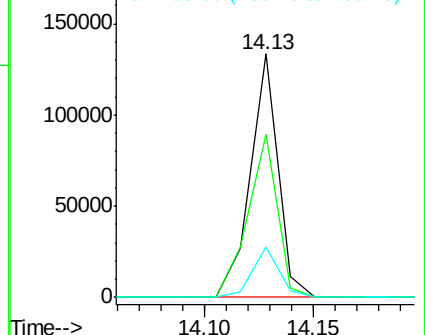
206 20.9 14.9 22.3



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: 26.27 ng

RT: 14.85 min Scan# 1029

Delta R.T. -0.14 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

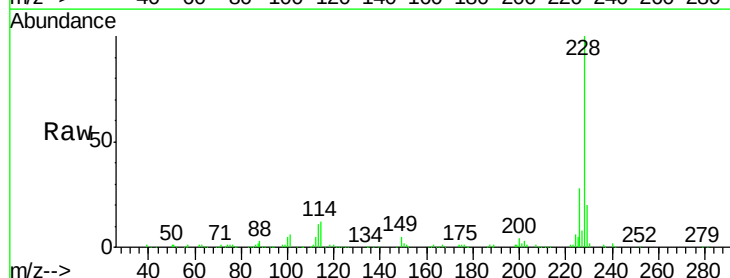
Tgt Ion:228 Resp: 292845

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

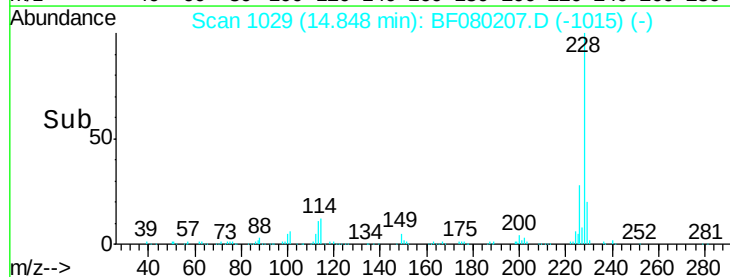
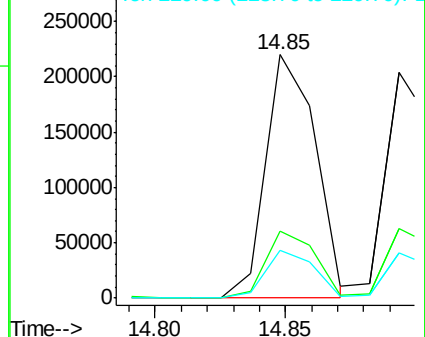
229 19.7 15.4 23.2

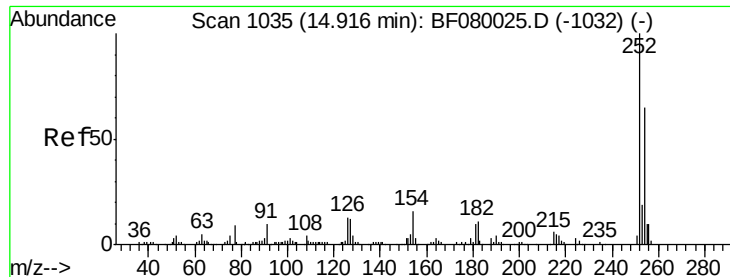


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

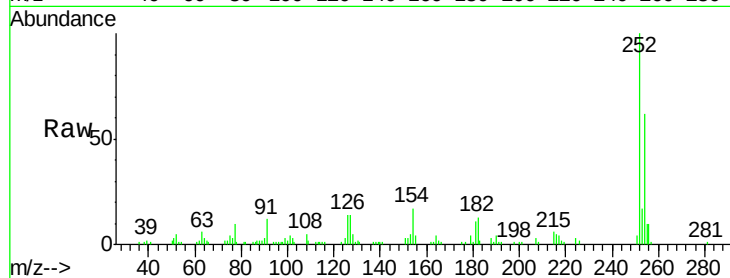




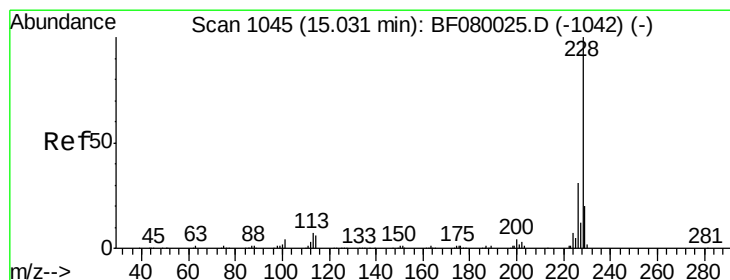
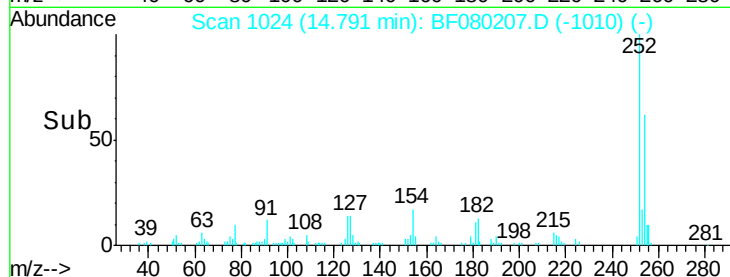
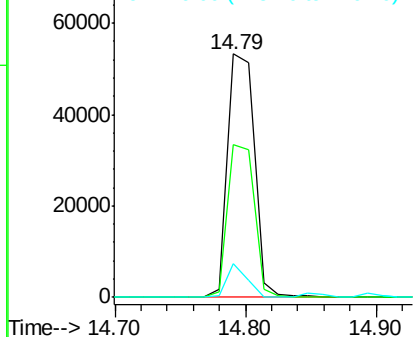
#81
 3,3'-Dichlorobenzidine
 Concen: 19.78 ng
 RT: 14.79 min Scan# 1024
 Delta R.T. -0.14 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:252 Resp: 76066
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.4 77.2
 126 14.1 16.4 24.6#

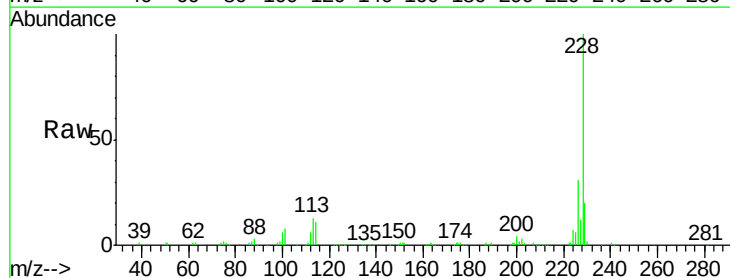


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

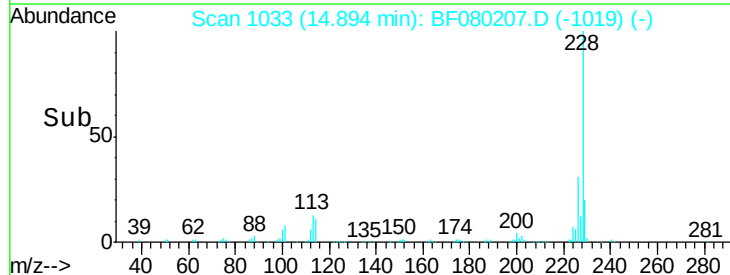
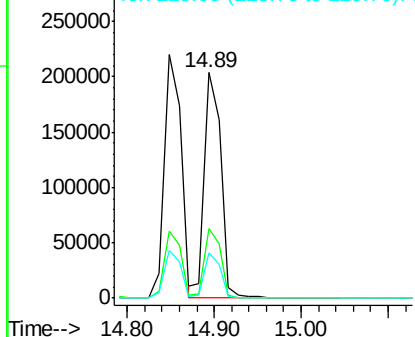


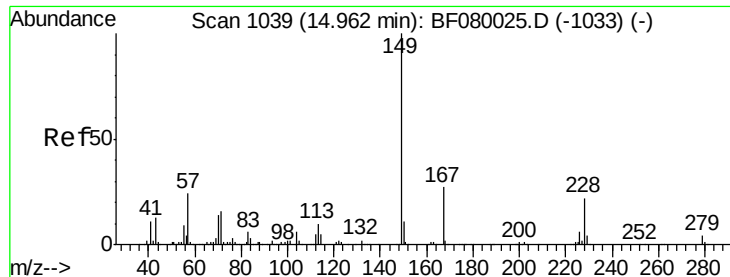
#82
 Chrysene
 Concen: 26.41 ng
 RT: 14.89 min Scan# 1033
 Delta R.T. -0.14 min
 Lab File: BF080207.D
 Acq: 29 Jun 2015 15:08

Tgt Ion:228 Resp: 271539
 Ion Ratio Lower Upper
 228 100
 226 30.7 21.0 31.4
 229 20.0 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 23.30 ng

RT: 14.84 min Scan# 1028

Delta R.T. -0.13 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

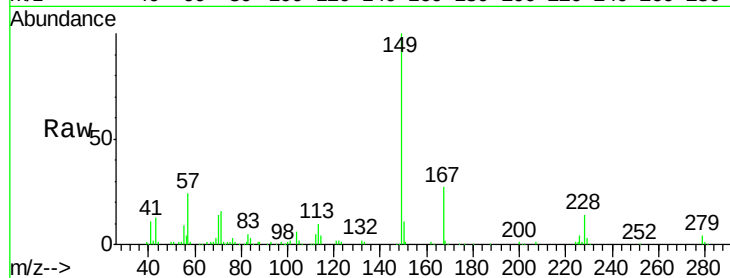
Tgt Ion:149 Resp: 166646

Ion Ratio Lower Upper

149 100

167 26.6 24.2 36.2

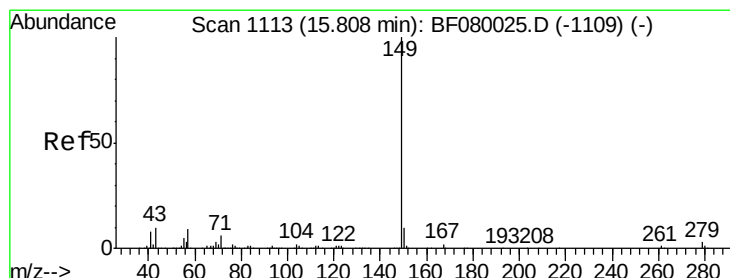
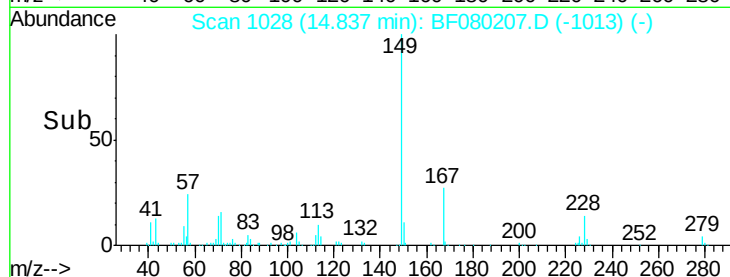
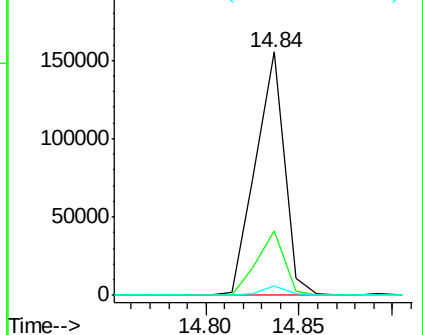
279 3.9 3.8 5.6



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: 22.68 ng

RT: 15.66 min Scan# 1100

Delta R.T. -0.16 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

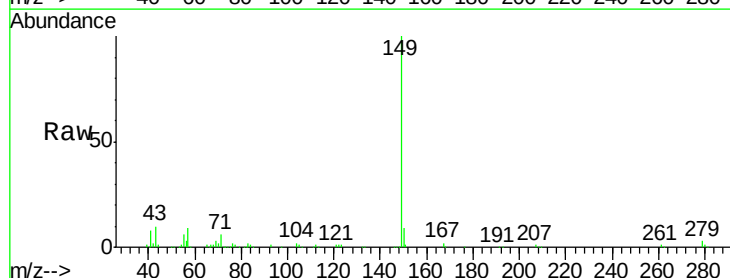
Tgt Ion:149 Resp: 277967

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

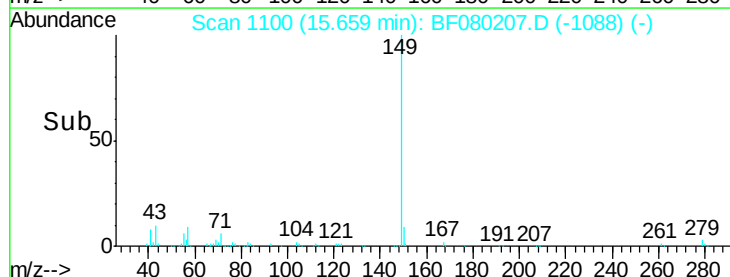
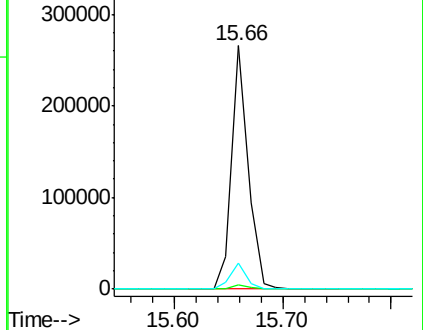
43 10.4 10.2 15.2

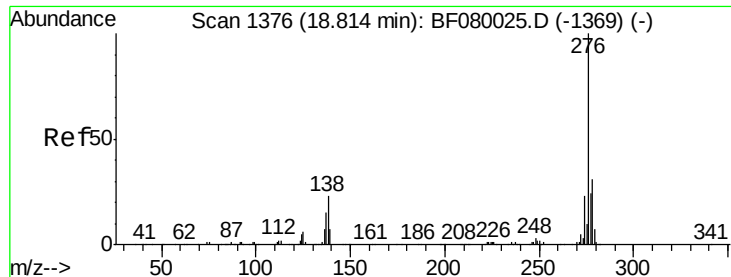


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.62 ng

RT: 18.61 min Scan# 1358

Delta R.T. -0.18 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS

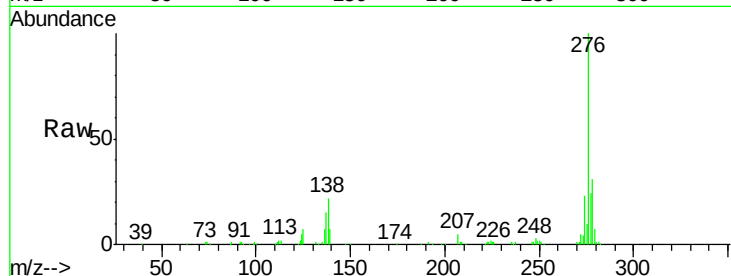
Tgt Ion:276 Resp: 319238

Ion Ratio Lower Upper

276 100

138 25.1 25.7 38.5#

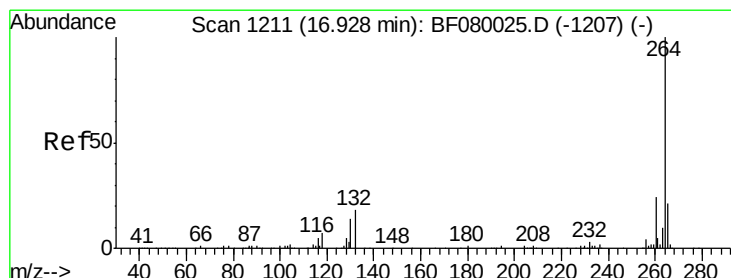
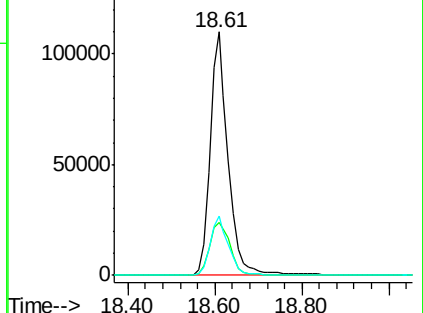
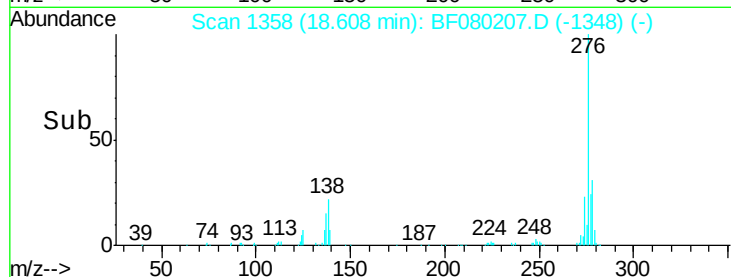
277 24.6 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.77 min Scan# 1197

Delta R.T. -0.16 min

Lab File: BF080207.D

Acq: 29 Jun 2015 15:08

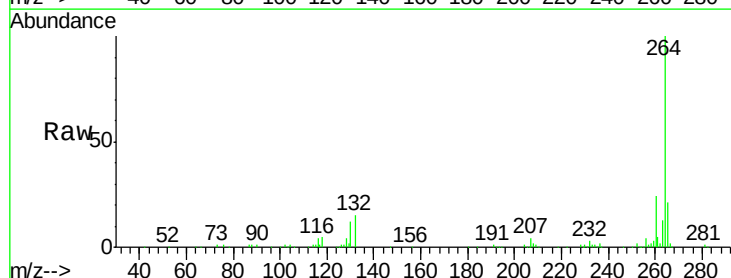
Tgt Ion:264 Resp: 179924

Ion Ratio Lower Upper

264 100

260 24.1 16.7 25.1

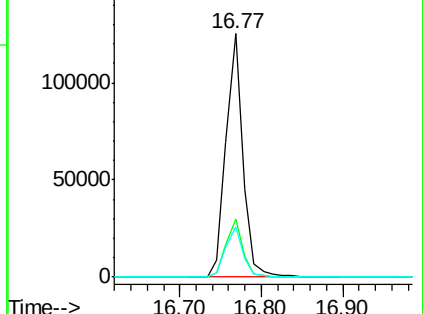
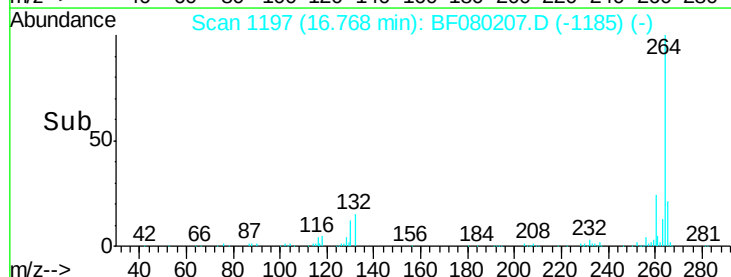
265 20.8 17.2 25.8

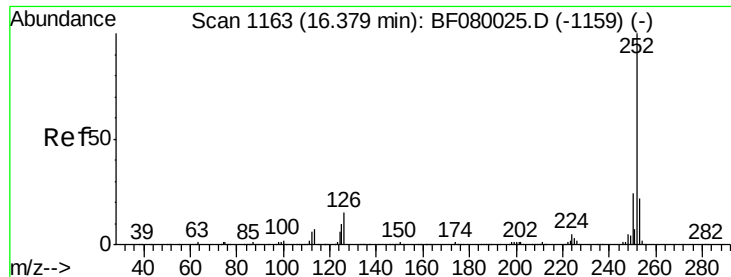


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

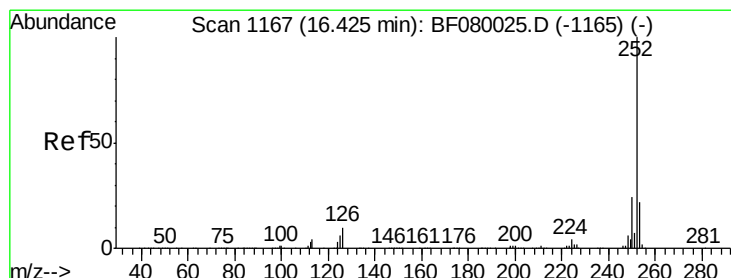
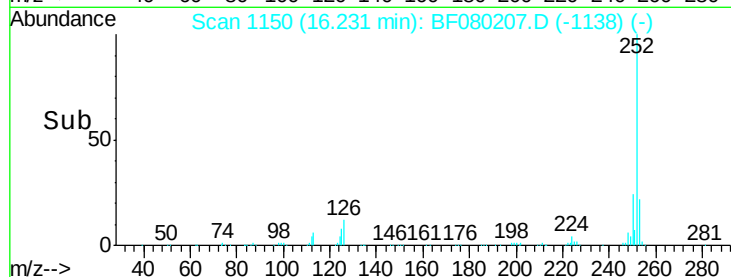
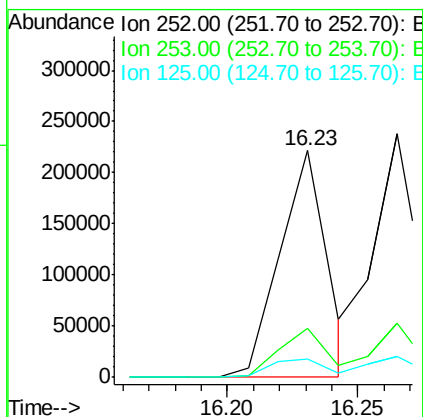
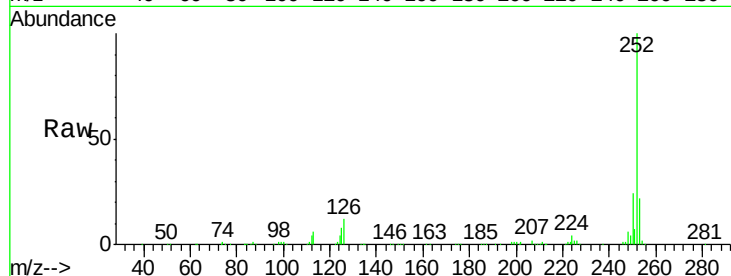




#87
Benzo(b)fluoranthene
Concen: 25.35 ng
RT: 16.23 min Scan# 1150
Delta R.T. -0.16 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

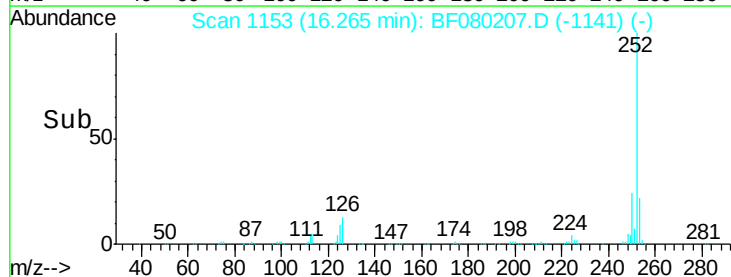
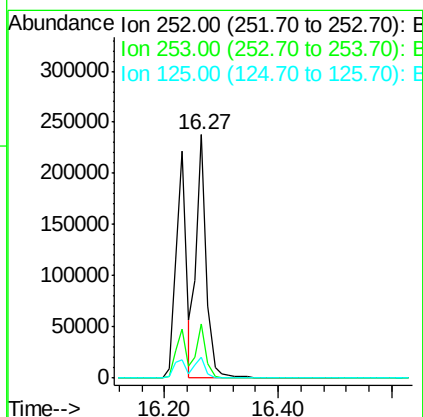
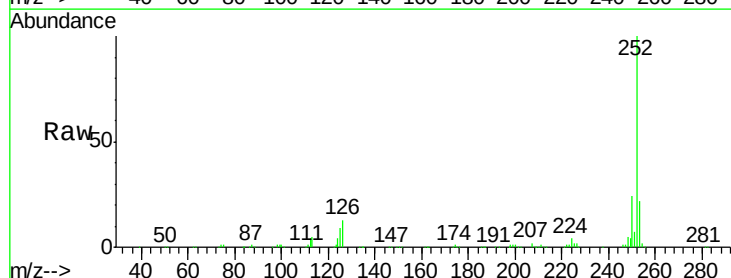
Instrument :
BNA_F
ClientSampleId :
PB84255BS

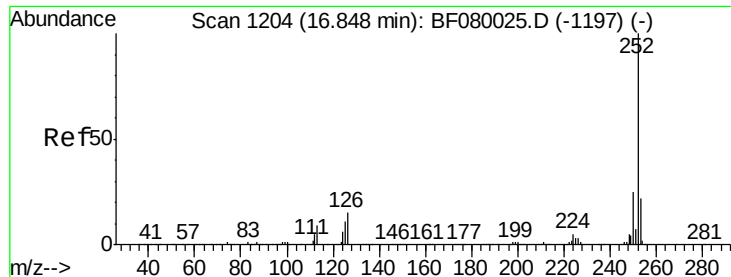
Tgt Ion:252 Resp: 276131
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.3 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 26.85 ng
RT: 16.27 min Scan# 1153
Delta R.T. -0.16 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

Tgt Ion:252 Resp: 297901
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 8.8 16.0 24.0#

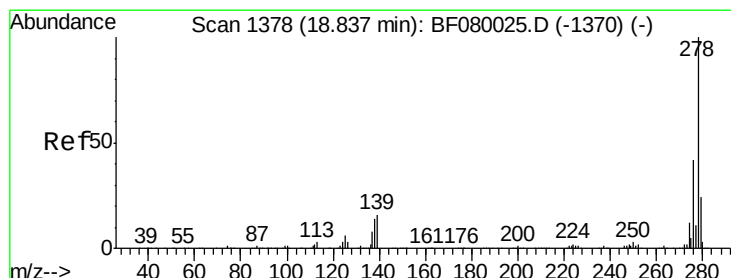
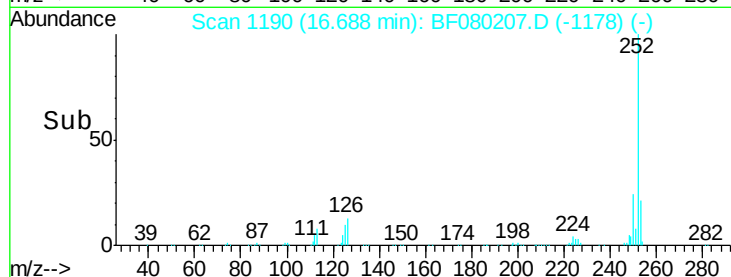
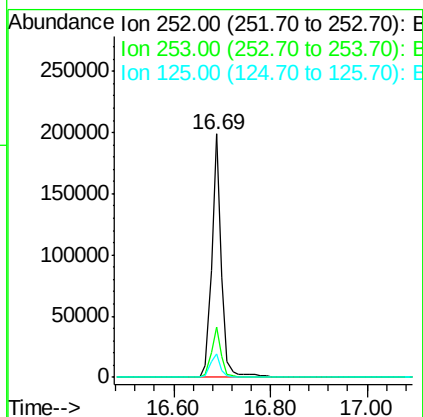
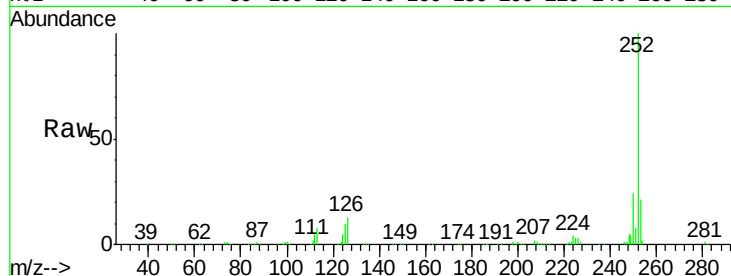




#89
Benzo(a)pyrene
Concen: 27.37 ng
RT: 16.69 min Scan# 1190
Delta R.T. -0.16 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

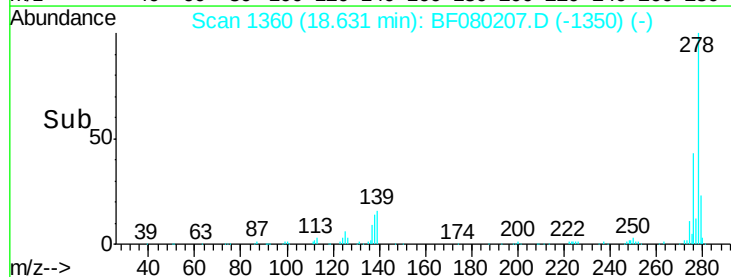
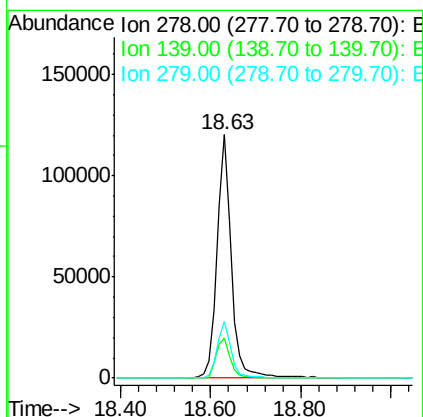
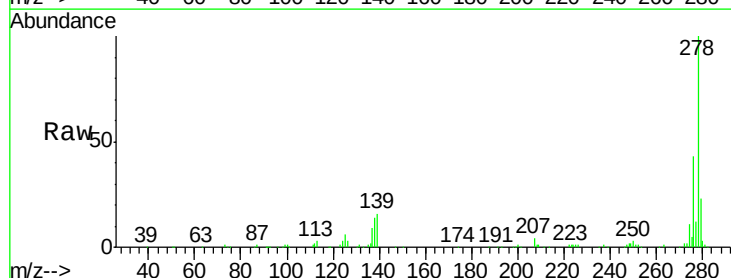
Instrument :
BNA_F
ClientSampleId :
PB84255BS

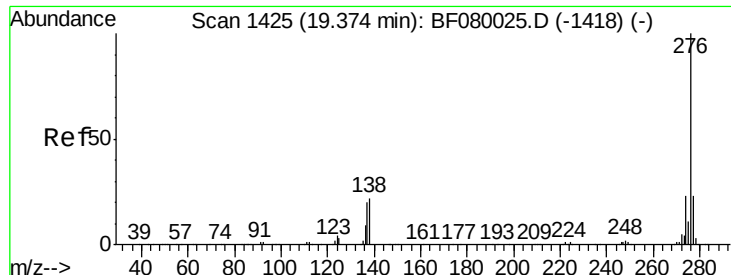
Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	9.8	18.0	27.0#



#90
Dibenzo(a,h)anthracene
Concen: 25.32 ng
RT: 18.63 min Scan# 1360
Delta R.T. -0.18 min
Lab File: BF080207.D
Acq: 29 Jun 2015 15:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	26.3	39.5#
279	23.4	18.2	27.4





#91

Benzo(g,h,i)perylene

Concen: 25.66 ng

RT: 19.16 min Scan# 1406

Delta R.T. -0.19 min

Lab File: BF080207.D

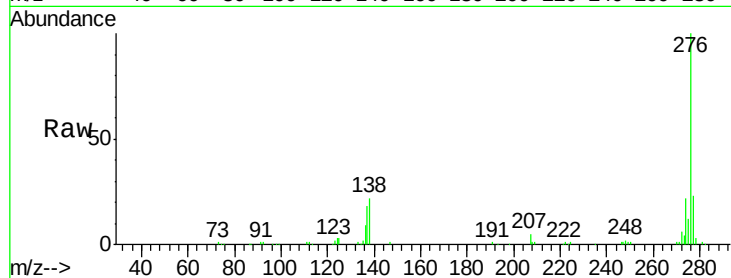
Acq: 29 Jun 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB84255BS



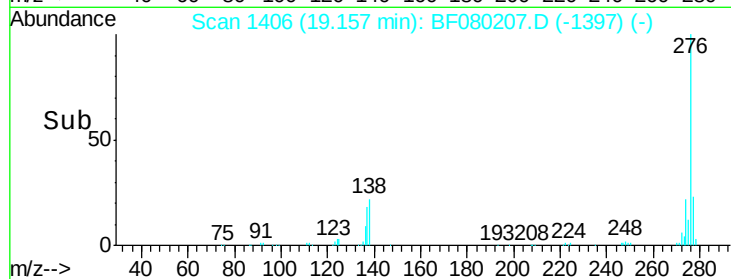
Tgt Ion: 276 Resp: 274309

Ion Ratio Lower Upper

276 100

277 23.0 17.8 26.6

138 22.0 34.6 51.8#



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

