

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080056.D
 Acq On : 19 Jun 2015 14:05
 Operator : TP/IZ
 Sample : PB84099BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Quant Time: Jun 19 23:20:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	39754	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	162953	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	87605	20.00	ng	-0.01
63) Phenanthrene-d10	11.92	188	184360	20.00	ng	0.01
75) Chrysene-d12	15.05	240	210976	20.00	ng	0.19
86) Perylene-d12	17.03	264	201644	20.00	ng	0.29

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	335524	149.40	ng	0.00
7) Phenol-d6	6.94	99	439969	147.22	ng	0.00
23) Nitrobenzene-d5	7.89	82	272752	97.44	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	125228	146.18	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	539683	87.85	ng	0.00
78) Terphenyl-d14	13.69	244	726605	80.43	ng	0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	34784	32.59	ng	84
3) Pyridine	4.04	79	124267	43.77	ng	# 83
4) n-Nitrosodimethylamine	3.94	42	56862	42.15	ng	94
6) Aniline	6.98	93	109051	26.52	ng	92
8) 2-Chlorophenol	7.11	128	114340	44.05	ng	82
9) Benzaldehyde	6.88	77	66264	38.41	ng	89
10) Phenol	6.95	94	151784	46.54	ng	84
11) bis(2-Chloroethyl)ether	7.05	93	108774	42.04	ng	85
12) 1,3-Dichlorobenzene	7.28	146	123652	39.66	ng	98
13) 1,4-Dichlorobenzene	7.28	146	123652	41.70	ng	98
14) 1,2-Dichlorobenzene	7.51	146	122128	42.32	ng	98
15) Benzyl Alcohol	7.45	79	101477	41.53	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.60	45	188271	49.02	ng	84
17) 2-Methylphenol	7.57	107	89696	40.46	ng	# 91
18) Hexachloroethane	7.85	117	43187	43.74	ng	91
19) n-Nitroso-di-n-propylamine	7.73	70	90367	43.55	ng	# 76
20) 3+4-Methylphenols	7.72	107	132095	46.17	ng	93
22) Acetophenone	7.73	105	159063	41.89	ng	# 80
24) Nitrobenzene	7.91	77	125737	43.52	ng	# 76
25) Isophorone	8.14	82	225457	40.02	ng	# 81
26) 2-Nitrophenol	8.23	139	60707	50.20	ng	# 72
27) 2,4-Dimethylphenol	8.25	122	120817	47.91	ng	# 84
28) bis(2-Chloroethoxy)methane	8.34	93	142157	42.95	ng	# 93
29) 2,4-Dichlorophenol	8.47	162	113018	52.34	ng	99
30) 1,2,4-Trichlorobenzene	8.56	180	116418	47.47	ng	99
31) Naphthalene	8.64	128	342372	40.19	ng	98
32) Benzoic acid	8.31	122	54176	35.53	ng	# 60
33) 4-Chloroaniline	8.68	127	114017	31.27	ng	# 83
34) Hexachlorobutadiene	8.77	225	66085	43.76	ng	99
35) Caprolactam	9.02	113	32205	45.95	ng	87
36) 4-Chloro-3-methylphenol	9.16	107	104717	42.99	ng	97
37) 2-Methylnaphthalene	9.34	142	247768	44.96	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	116809	45.82	ng	99
40) Hexachlorocyclopentadiene	9.50	237	119328	90.11	ng	95

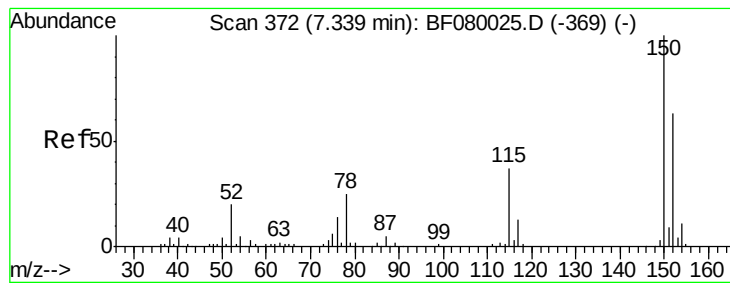
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	80306	46.30	ng	97
43) 2,4,5-Trichlorophenol	9.65	196	79575	39.82	ng #	84
45) 1,1'-Biphenyl	9.81	154	307106	43.09	ng	95
46) 2-Chloronaphthalene	9.83	162	223972	38.73	ng #	92
47) 2-Nitroaniline	9.92	65	65626	41.34	ng	96
48) Acenaphthylene	10.25	152	382772	39.65	ng	97
49) Dimethylphthalate	10.09	163	293616	44.58	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	56562	42.84	ng #	37
51) Acenaphthene	10.42	154	253460	42.92	ng	92
52) 3-Nitroaniline	10.32	138	40069	26.30	ng #	42
53) 2,4-Dinitrophenol	10.44	184	59907	109.18	ng #	1
54) Dibenzofuran	10.60	168	343924	41.04	ng #	85
55) 4-Nitrophenol	10.47	139	110791	90.99	ng #	50
56) 2,4-Dinitrotoluene	10.56	165	84720	50.56	ng #	82
57) Fluorene	10.95	166	298886	44.95	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.72	232	69935	41.45	ng	97
59) Diethylphthalate	10.79	149	268896	40.55	ng	95
60) 4-Chlorophenyl-phenylether	10.93	204	133556	41.80	ng #	81
61) 4-Nitroaniline	10.94	138	61958	39.38	ng #	42
62) Azobenzene	11.10	77	271241	40.18	ng	95
64) 4,6-Dinitro-2-methylphenol	10.97	198	38125	42.83	ng	84
65) n-Nitrosodiphenylamine	11.04	169	238398	39.71	ng	92
66) 4-Bromophenyl-phenylether	11.43	248	82035	41.85	ng #	88
67) Hexachlorobenzene	11.52	284	87695	40.25	ng #	76
68) Atrazine	11.57	200	72805	38.39	ng	82
69) Pentachlorophenol	11.70	266	97007	78.58	ng	97
70) Phenanthrene	11.94	178	455259	40.79	ng	96
71) Anthracene	12.00	178	461830	42.97	ng	98
72) Carbazole	12.15	167	395038	38.50	ng	96
73) Di-n-butylphthalate	12.49	149	481937	40.65	ng #	98
74) Fluoranthene	13.26	202	479834	40.37	ng	91
76) Benzidine	13.38	184	290044	49.18	ng #	97
77) Pyrene	13.53	202	520243	40.05	ng	97
79) Butylbenzylphthalate	14.28	149	220486	42.27	ng	89
80) Benzo(a)anthracene	15.04	228	499987	38.90	ng	97
81) 3,3'-Dichlorobenzidine	14.99	252	151693	34.22	ng #	93
82) Chrysene	15.09	228	457040	38.56	ng	94
83) Bis(2-ethylhexyl)phthalate	15.02	149	328518	39.85	ng #	91
84) Di-n-octyl phthalate	15.90	149	551964	39.07	ng	96
85) Indeno(1,2,3-cd)pyrene	18.91	276	531410	35.56	ng #	89
87) Benzo(b)fluoranthene	16.48	252	533852	43.73	ng #	87
88) Benzo(k)fluoranthene	16.52	252	426816	34.33	ng #	89
89) Benzo(a)pyrene	16.95	252	475284	40.99	ng #	87
90) Dibenzo(a,h)anthracene	18.94	278	451707	38.06	ng #	80
91) Benzo(g,h,i)perylene	19.48	276	453605	37.86	ng #	76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.34 min Scan# 372

Delta R.T. 0.00 min

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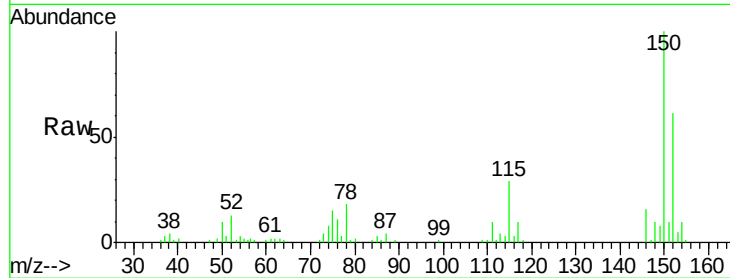
Tgt Ion:152 Resp: 39754

Ion Ratio Lower Upper

152 100

150 164.2 124.7 187.1

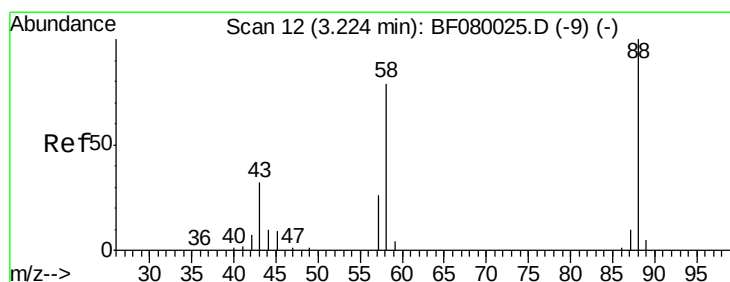
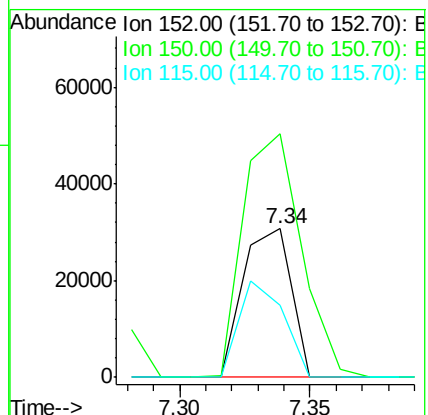
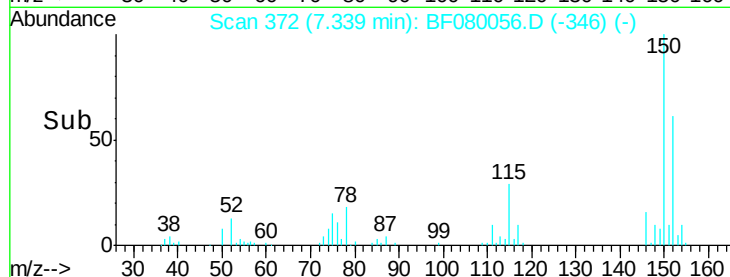
115 48.2 39.0 58.4



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: 32.59 ng

RT: 3.22 min Scan# 12

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

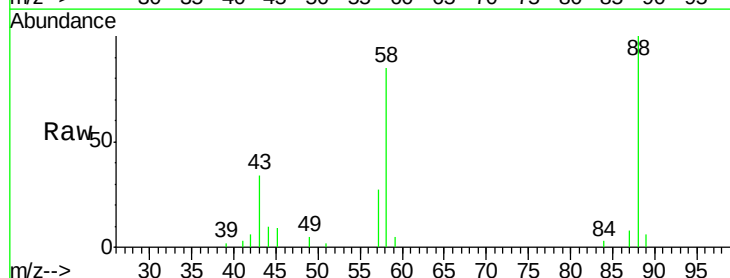
Tgt Ion: 88 Resp: 34784

Ion Ratio Lower Upper

88 100

58 79.8 77.7 116.5

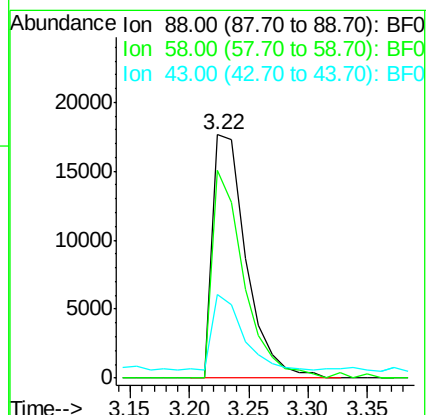
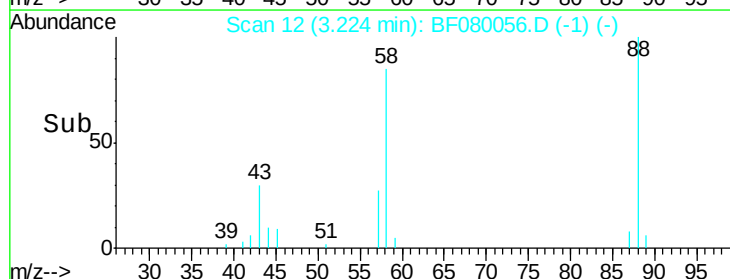
43 27.4 26.6 40.0

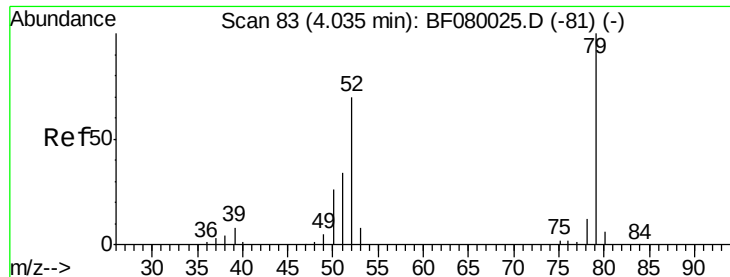


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.77 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

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ClientSampleId :

PB84099BS

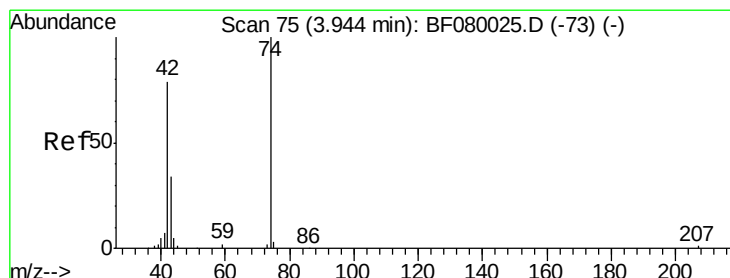
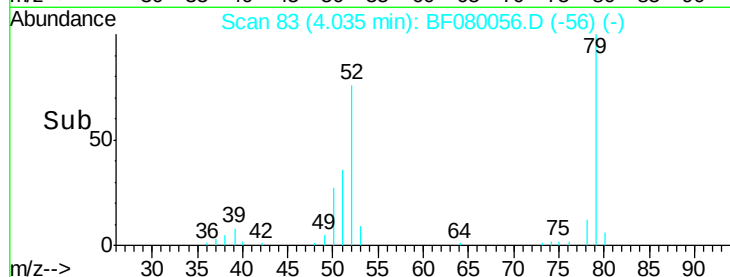
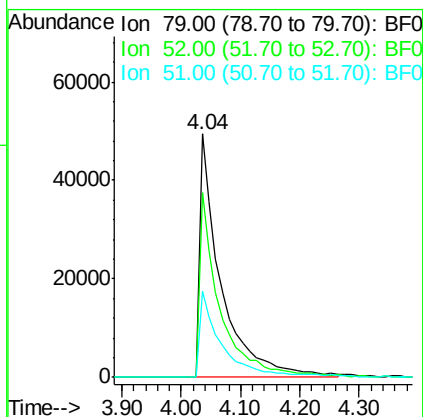
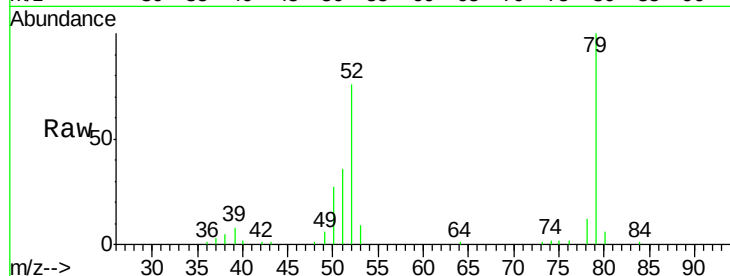
Tgt Ion: 79 Resp: 124267

Ion Ratio Lower Upper

79 100

52 75.8 76.8 115.2#

51 35.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 42.15 ng

RT: 3.94 min Scan# 75

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

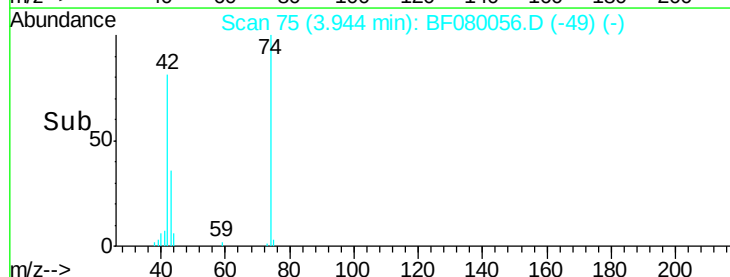
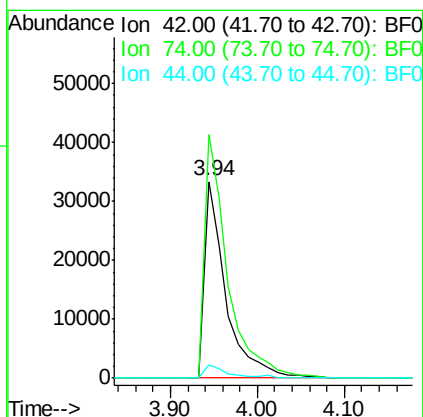
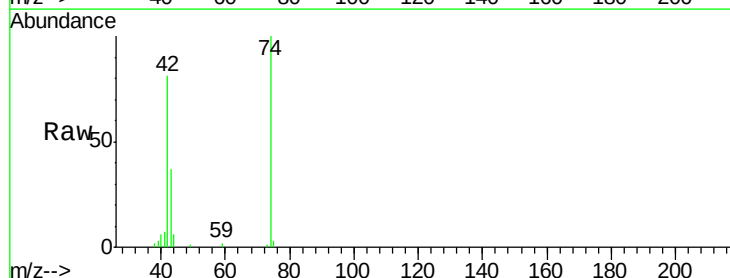
Tgt Ion: 42 Resp: 56862

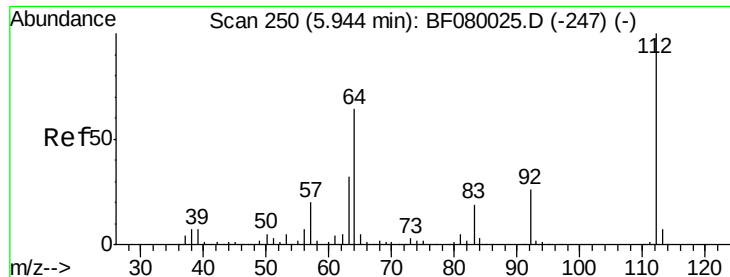
Ion Ratio Lower Upper

42 100

74 123.9 105.0 157.6

44 7.0 6.6 10.0





#5

2-Fluorophenol

Concen: 149.40 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

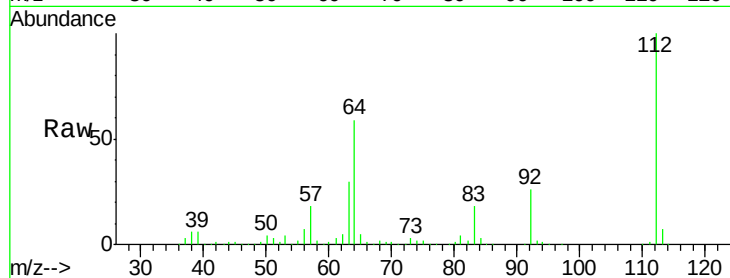
Tgt Ion: 112 Resp: 335524

Ion Ratio Lower Upper

112 100

64 59.4 39.7 59.5

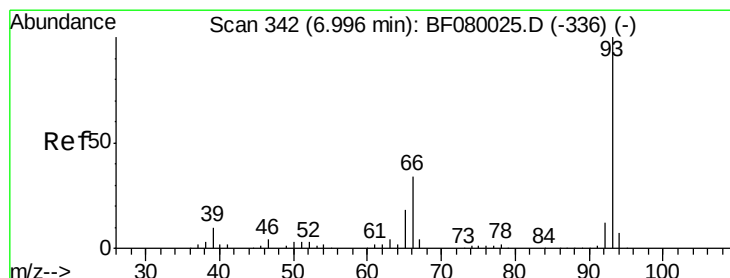
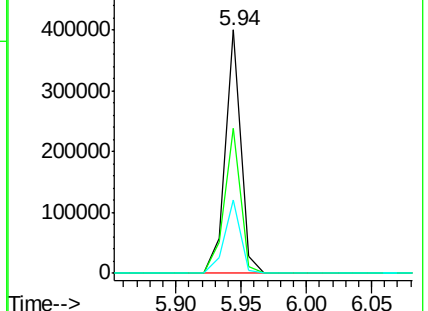
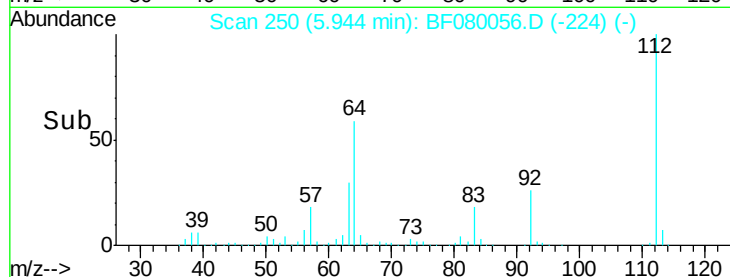
63 30.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.52 ng

RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

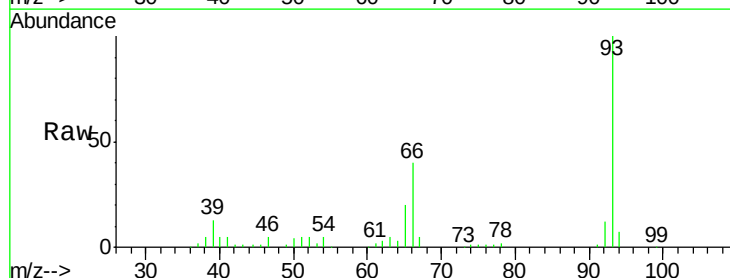
Tgt Ion: 93 Resp: 109051

Ion Ratio Lower Upper

93 100

66 39.5 27.2 40.8

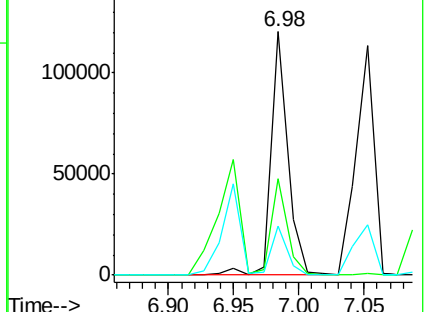
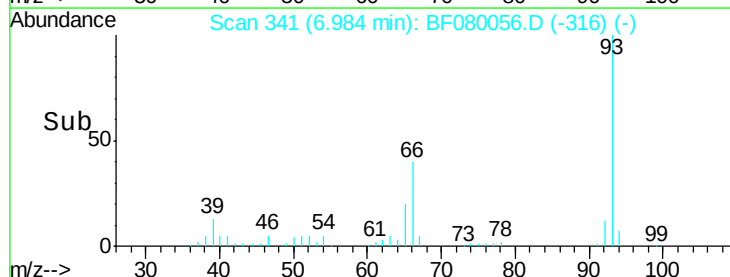
65 20.1 14.7 22.1

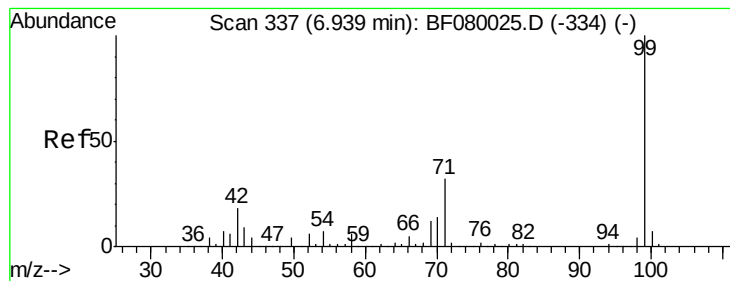


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.22 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

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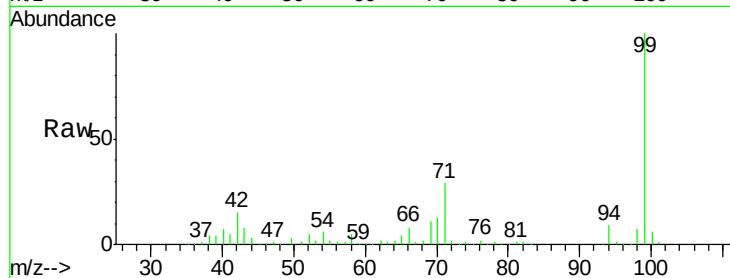
Tgt Ion: 99 Resp: 439969

Ion Ratio Lower Upper

99 100

42 14.7 13.7 20.5

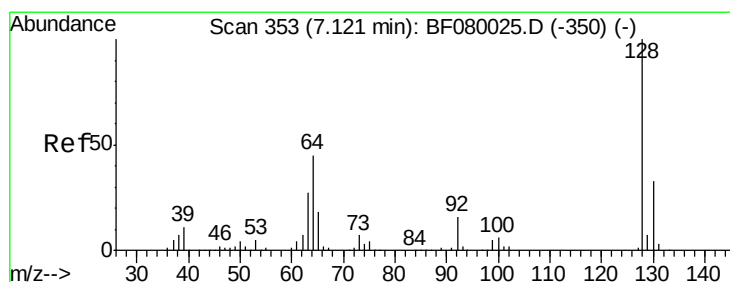
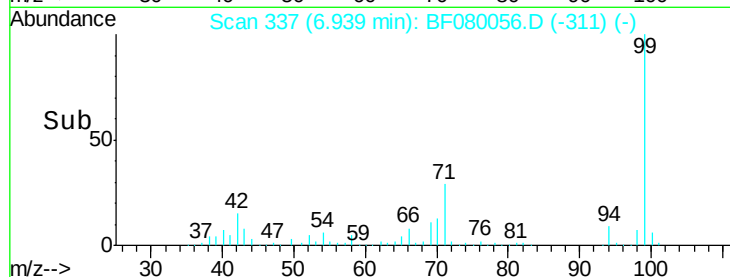
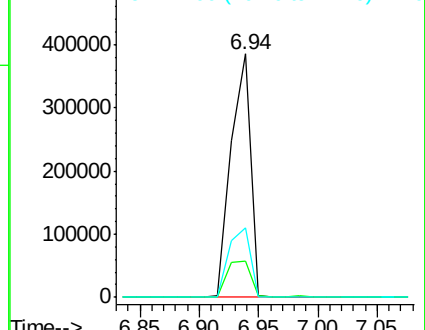
71 28.8 14.2 21.2#



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: 44.05 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

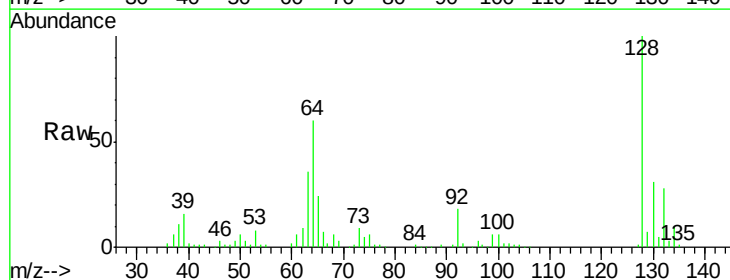
Tgt Ion: 128 Resp: 114340

Ion Ratio Lower Upper

128 100

130 31.1 12.2 52.2

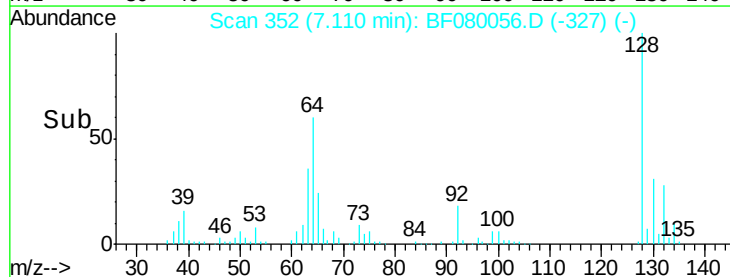
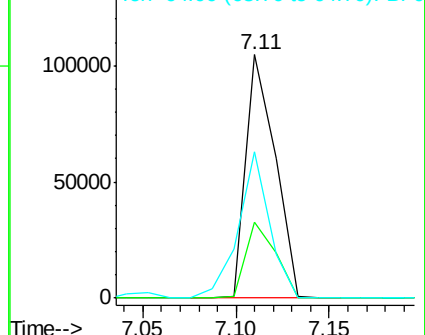
64 60.0 20.5 60.5

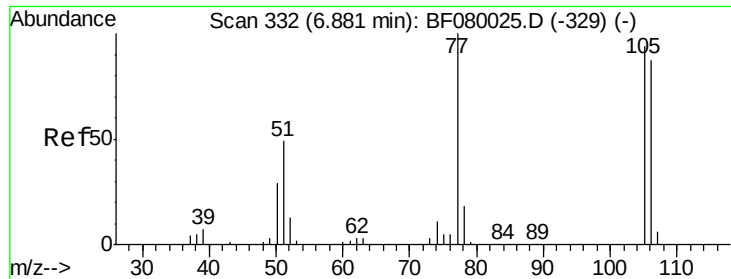


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.41 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

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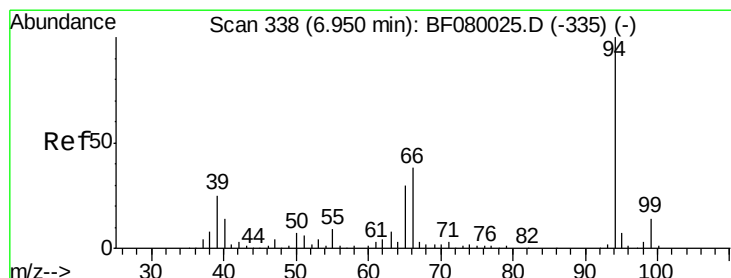
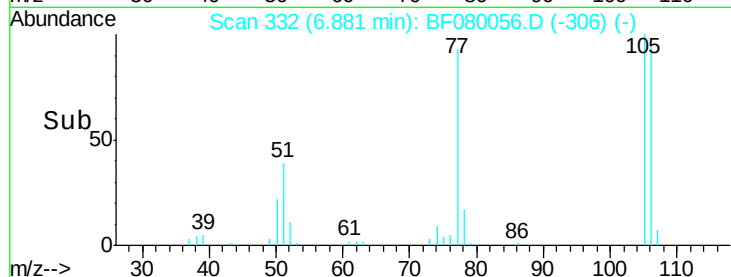
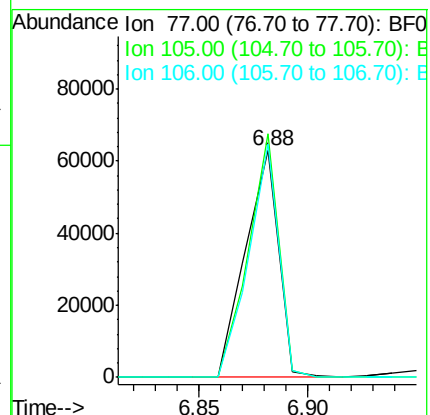
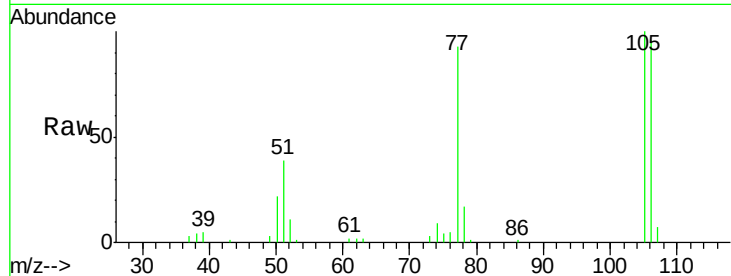
Tgt Ion: 77 Resp: 66264

Ion Ratio Lower Upper

77 100

105 107.5 91.6 131.6

106 103.1 102.6 142.6



#10

Phenol

Concen: 46.54 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

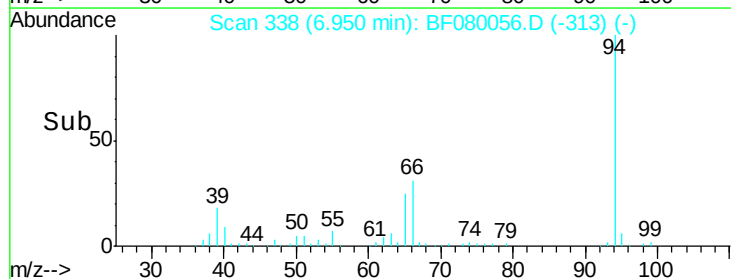
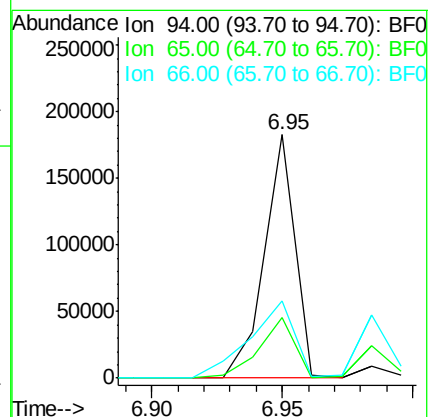
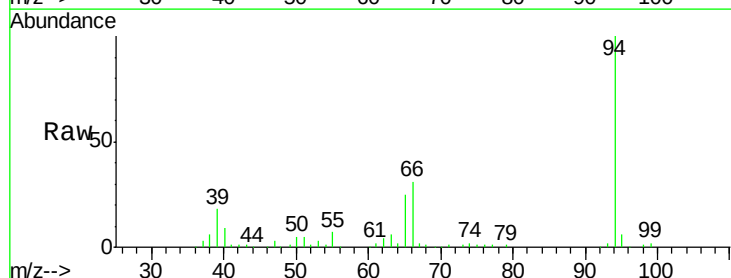
Tgt Ion: 94 Resp: 151784

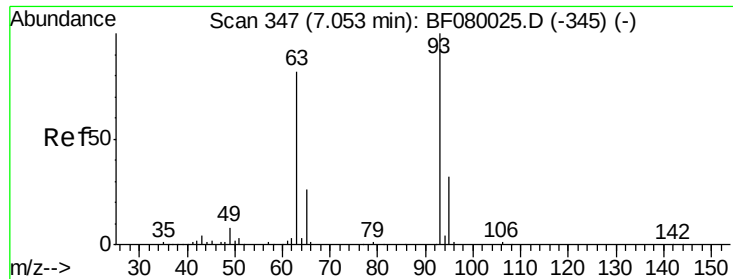
Ion Ratio Lower Upper

94 100

65 24.8 0.7 40.7

66 31.5 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 42.04 ng

RT: 7.05 min Scan# 347

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

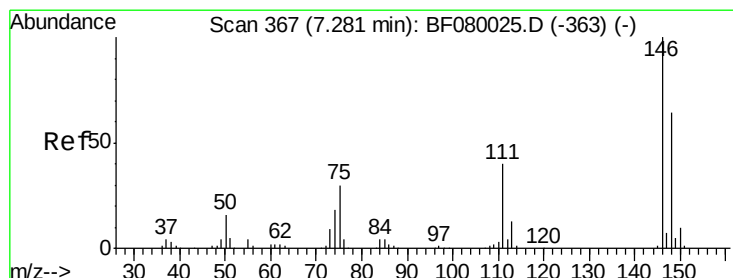
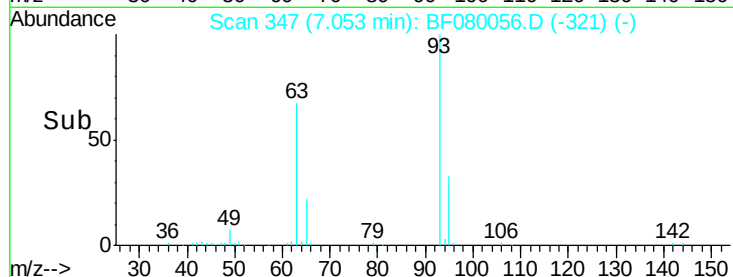
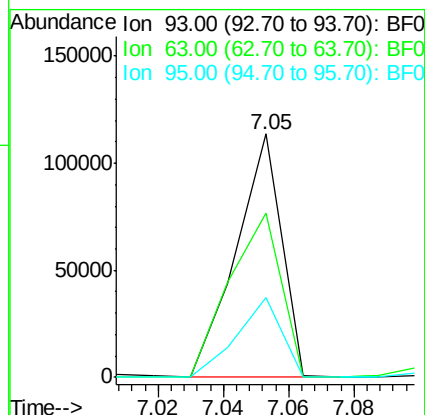
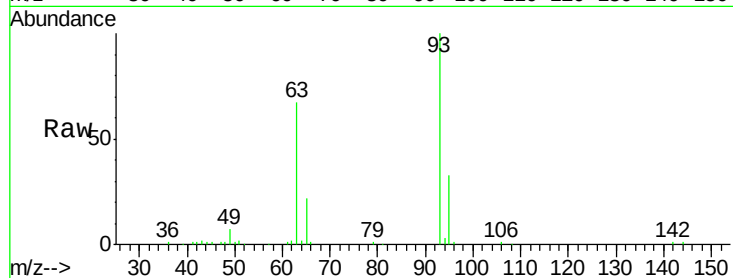
Tgt Ion: 93 Resp: 108774

Ion Ratio Lower Upper

93 100

63 67.4 65.6 105.6

95 32.9 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 39.66 ng

RT: 7.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

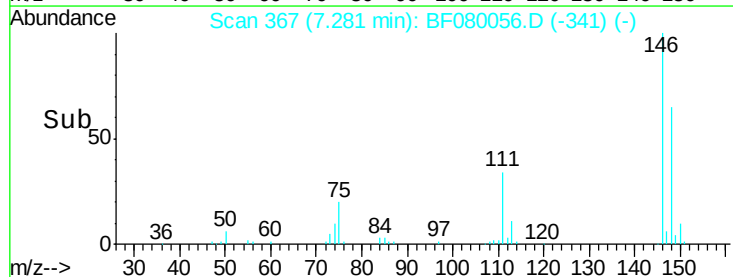
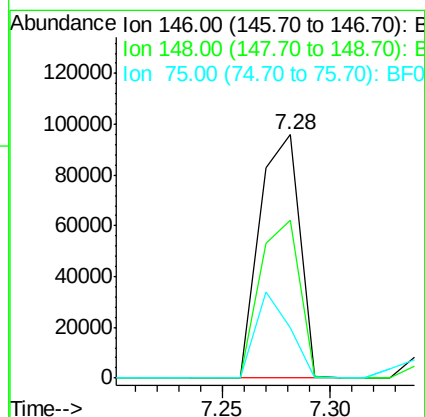
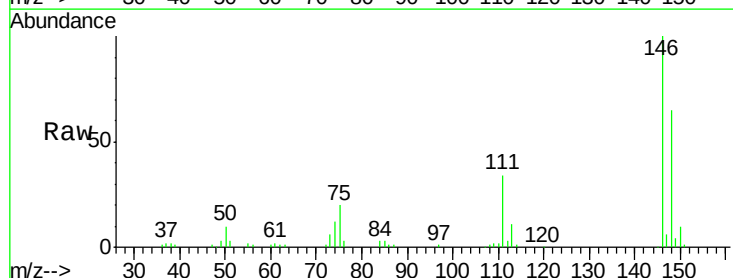
Tgt Ion: 146 Resp: 123652

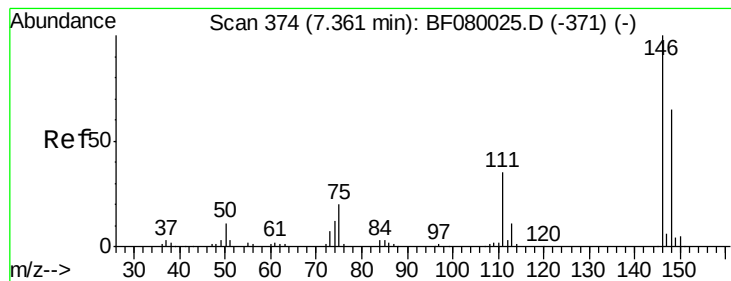
Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.4

75 20.5 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 41.70 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.08 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

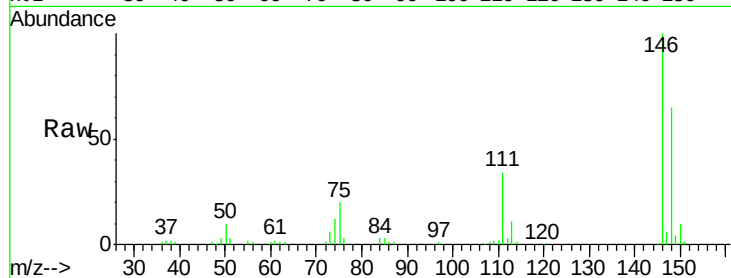
Tgt Ion:146 Resp: 123652

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

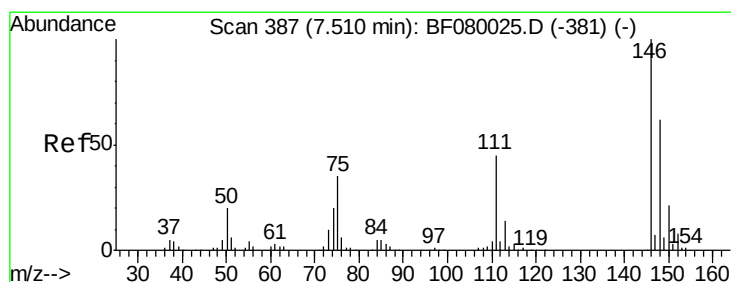
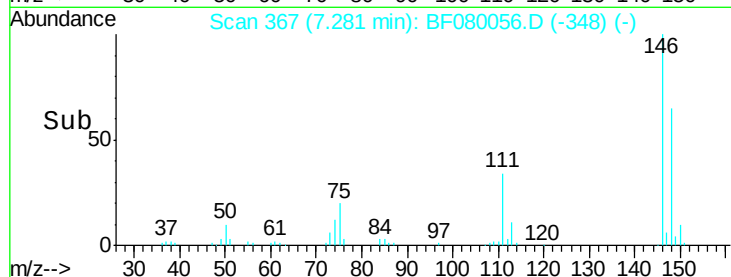
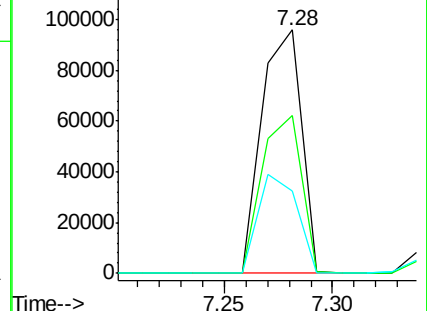
111 33.6 24.9 37.3



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: 42.32 ng

RT: 7.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

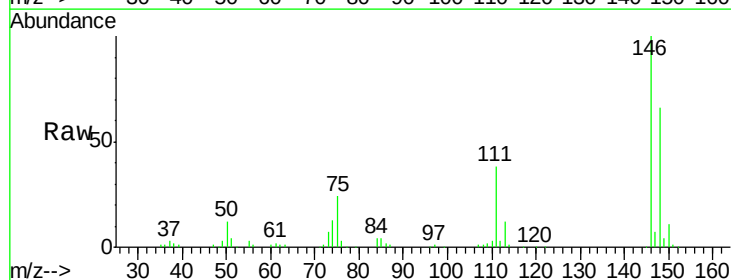
Tgt Ion:146 Resp: 122128

Ion Ratio Lower Upper

146 100

148 65.5 52.7 79.1

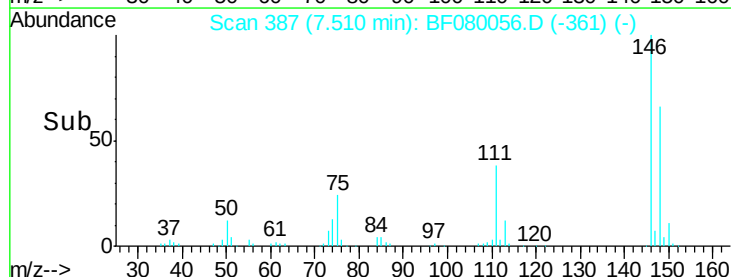
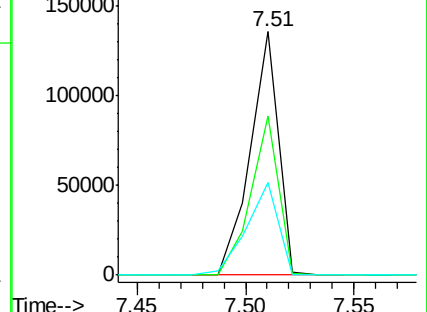
111 38.0 28.8 43.2

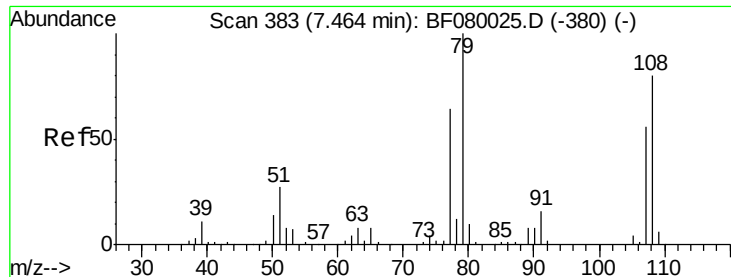


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.53 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

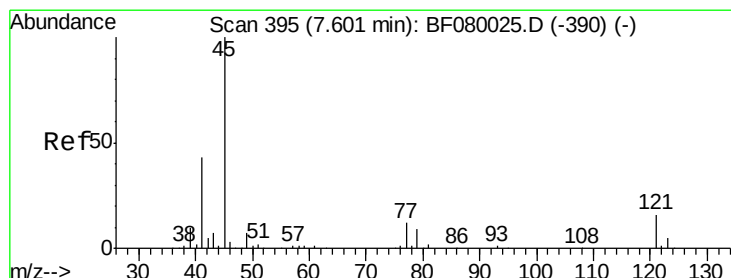
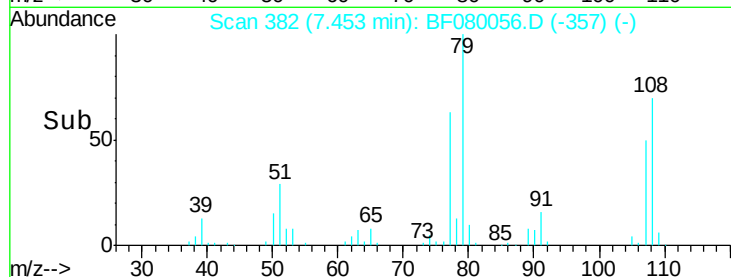
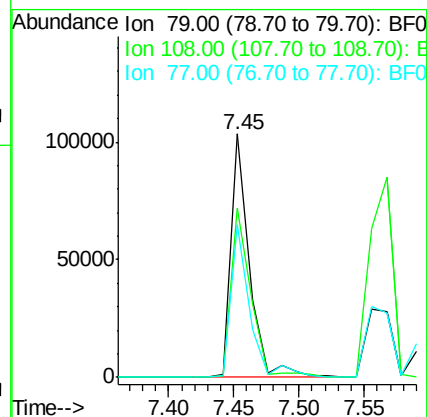
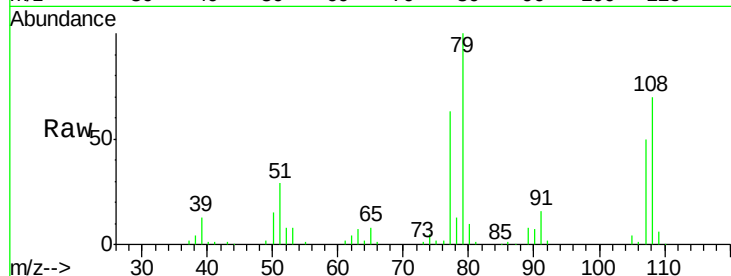
Tgt Ion: 79 Resp: 101477

Ion Ratio Lower Upper

79 100

108 69.7 88.6 132.8#

77 62.6 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.02 ng

RT: 7.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

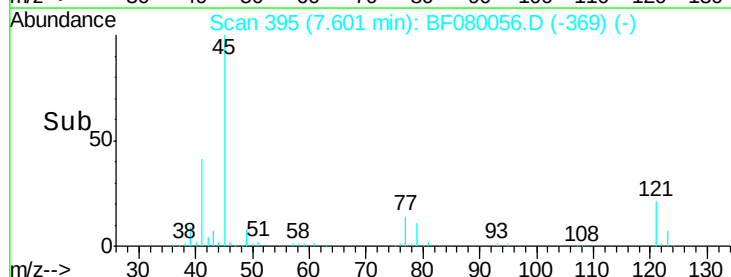
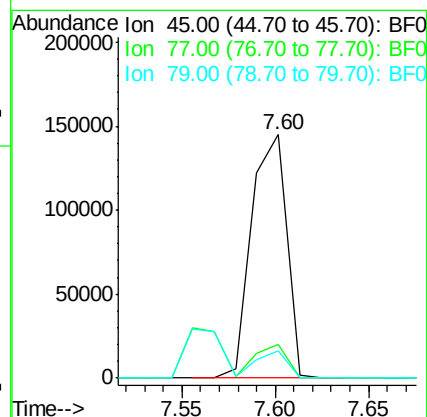
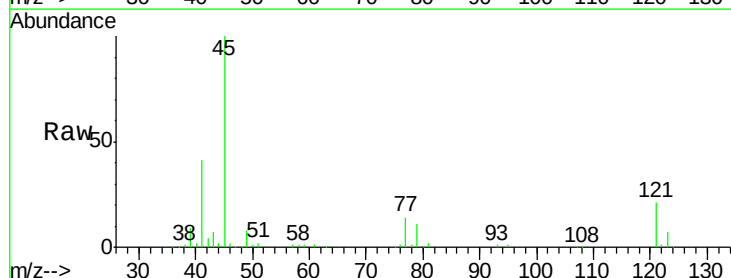
Tgt Ion: 45 Resp: 188271

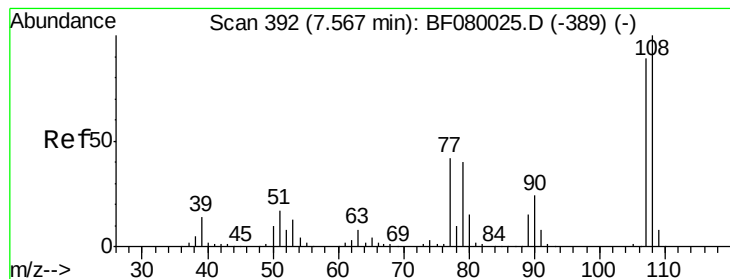
Ion Ratio Lower Upper

45 100

77 14.0 0.0 28.1

79 11.0 0.0 26.0





#17

2-Methylphenol

Concen: 40.46 ng

RT: 7.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

Tgt Ion:107 Resp: 89696

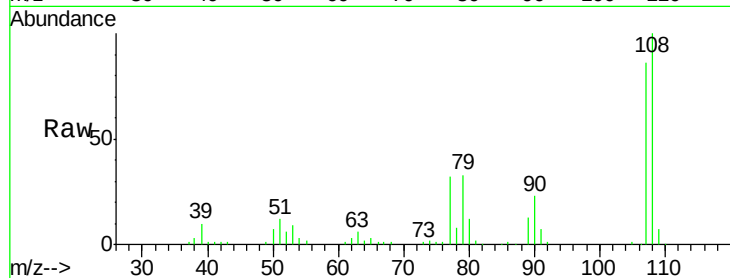
Ion Ratio Lower Upper

107 100

108 115.7 96.6 145.0

77 37.3 23.3 34.9#

79 37.7 22.0 33.0#

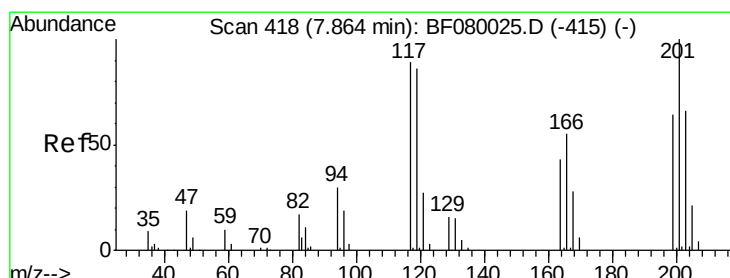
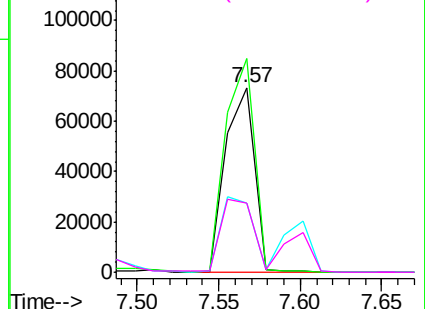
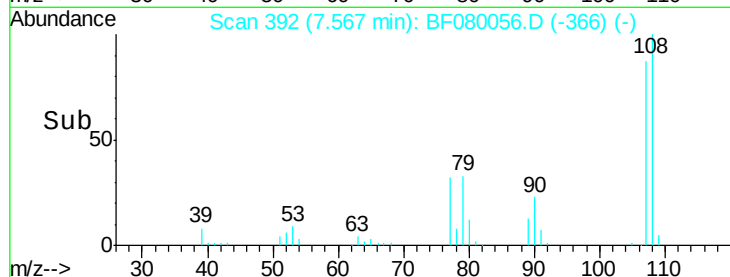


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.74 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

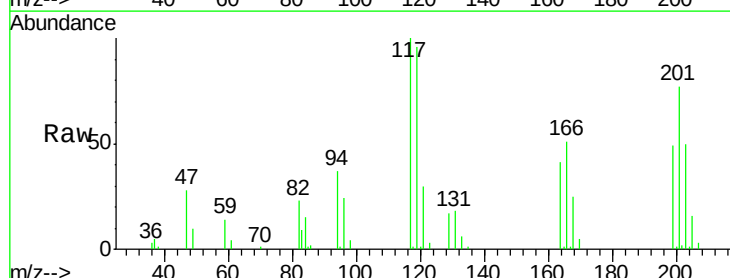
Tgt Ion:117 Resp: 43187

Ion Ratio Lower Upper

117 100

119 95.7 83.8 125.6

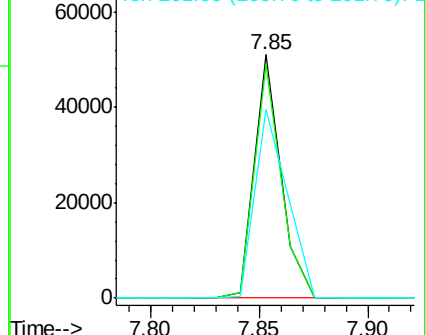
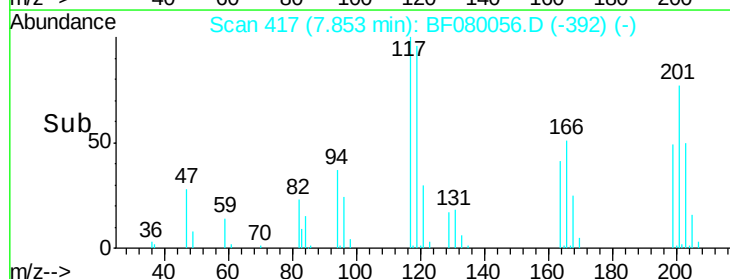
201 77.2 55.1 82.7

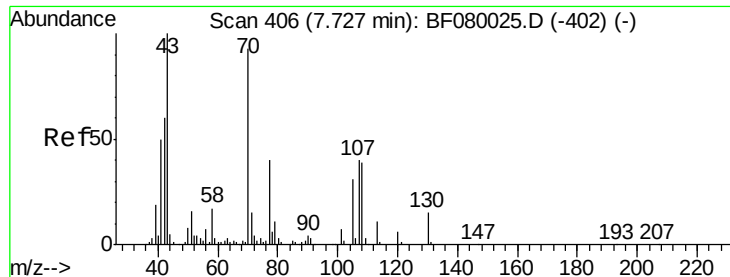


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

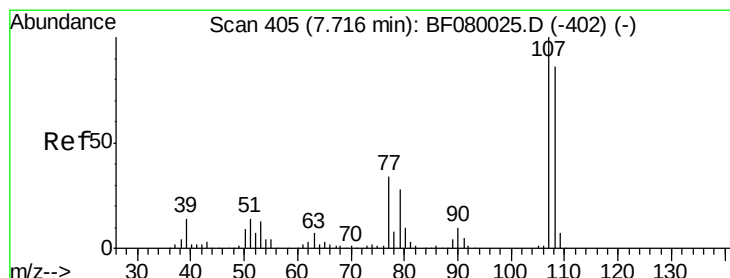
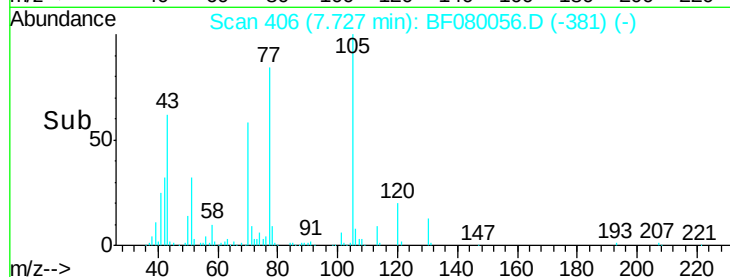
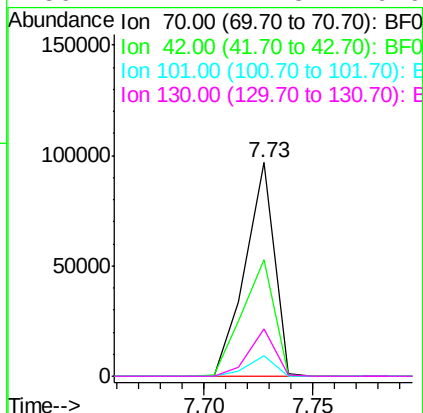
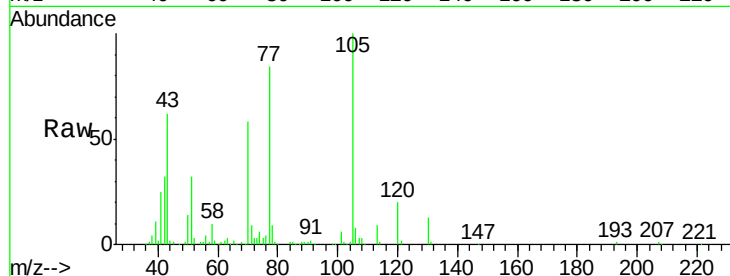




#19
n-Nitroso-di-n-propylamine
Concen: 43.55 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

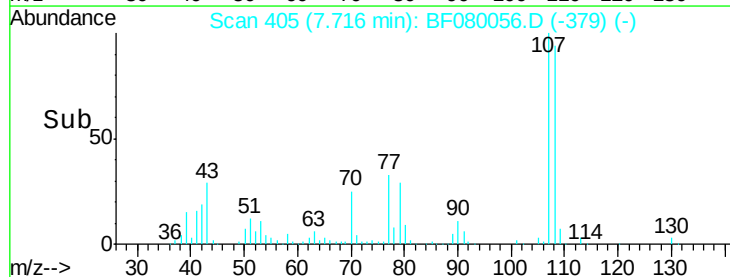
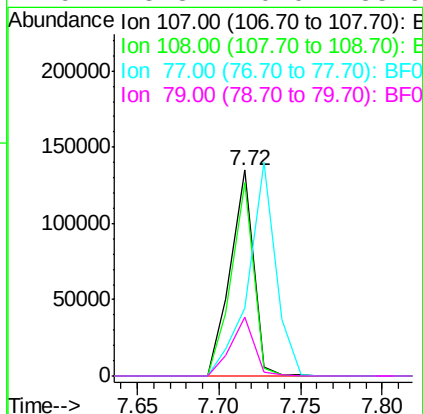
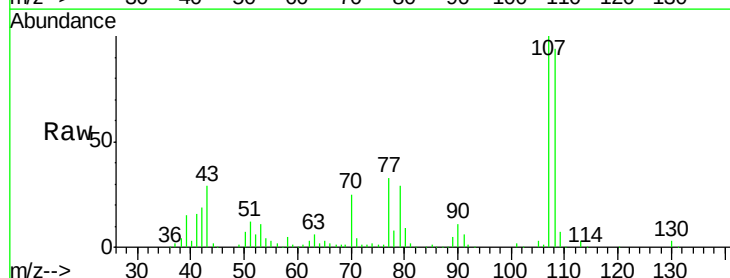
Instrument :
BNA_F
ClientSampleId :
PB84099BS

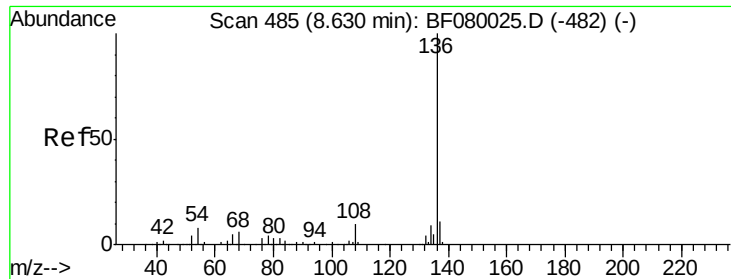
Tgt Ion: 70 Resp: 90367
Ion Ratio Lower Upper
70 100
42 54.7 63.8 95.6#
101 9.7 9.2 13.8
130 22.2 27.3 40.9#



#20
3+4-Methylphenols
Concen: 46.17 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion: 107 Resp: 132095
Ion Ratio Lower Upper
107 100
108 94.2 74.6 114.6
77 33.0 0.7 40.7
79 28.8 0.0 38.9

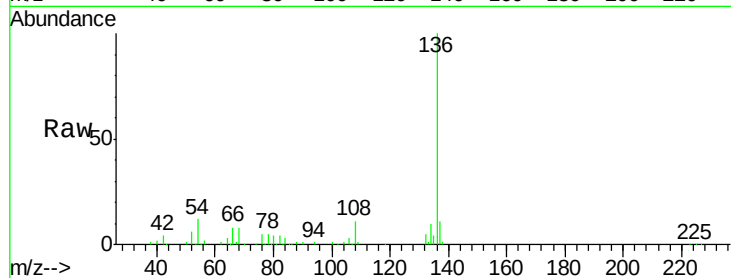




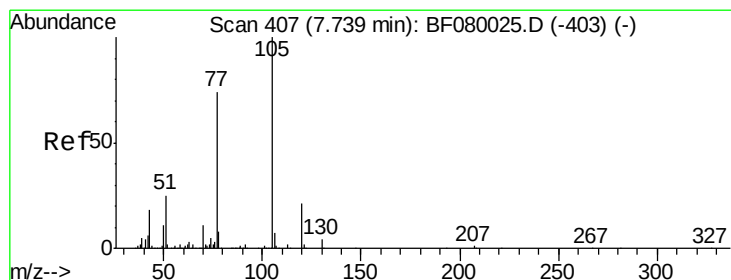
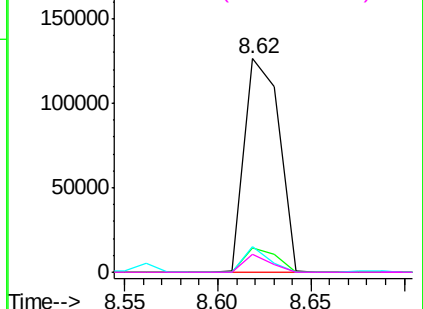
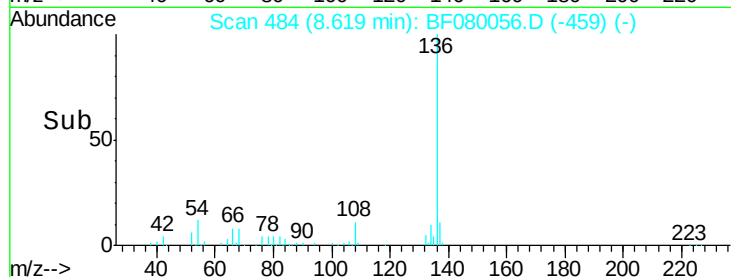
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion:	136	Resp:	162953
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	12.0	8.2	12.2
68	8.4	5.8	8.6

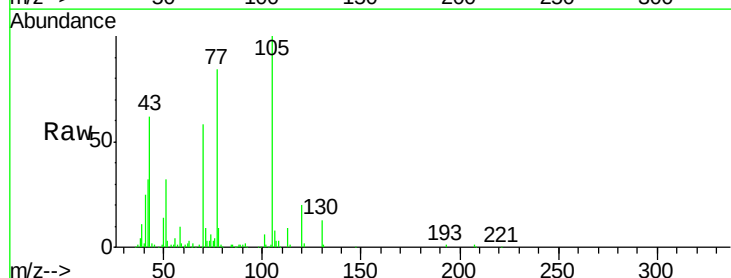


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

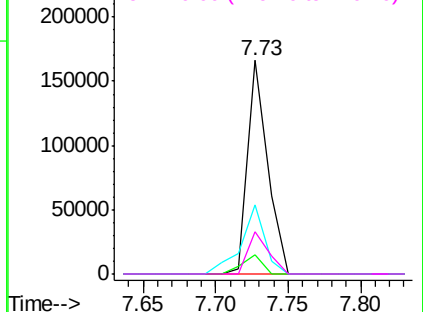
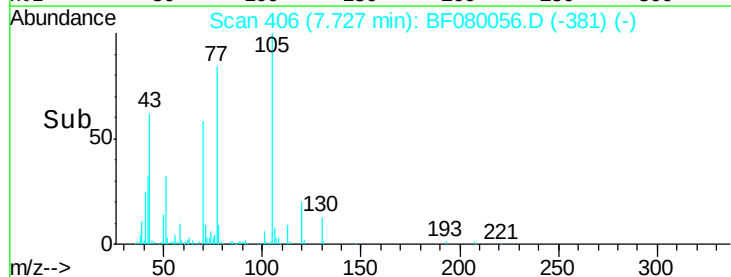


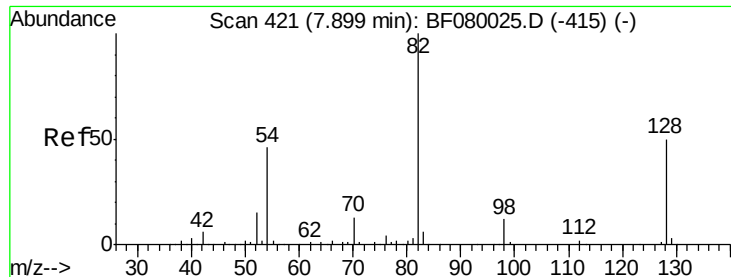
#22
Acetophenone
Concen: 41.89 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion:	105	Resp:	159063
Ion	Ratio	Lower	Upper
105	100		
71	9.2	4.7	7.1#
51	32.2	22.0	33.0
120	20.1	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

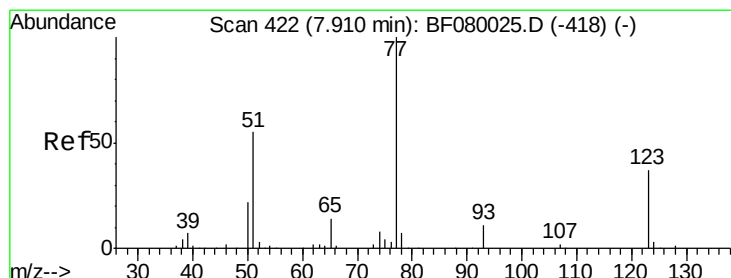
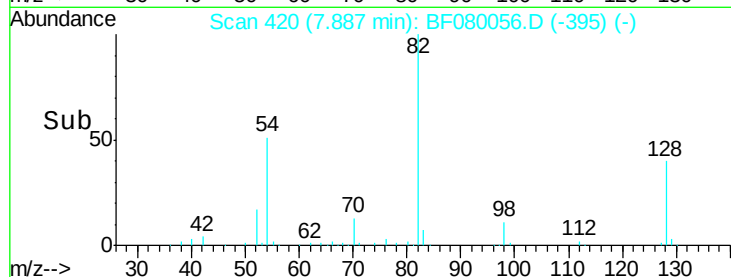
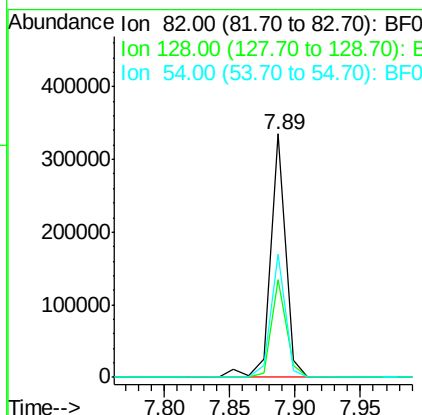
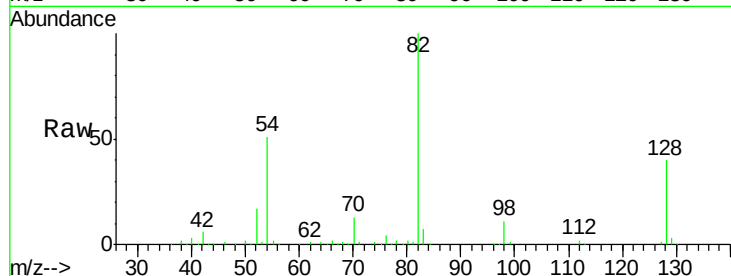




#23
 Nitrobenzene-d5
 Concen: 97.44 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

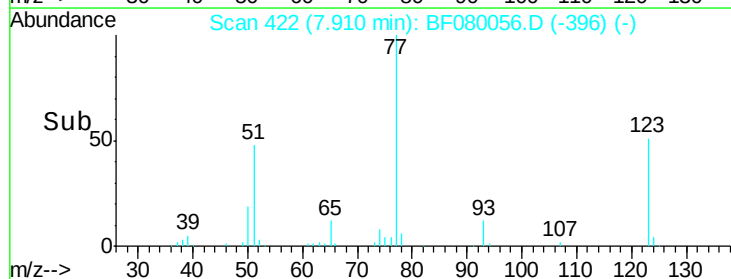
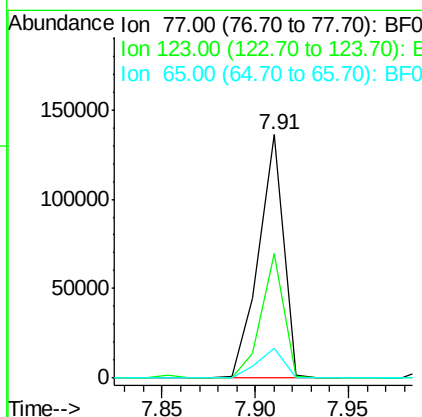
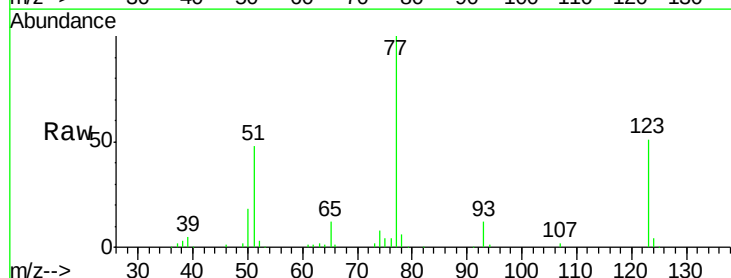
Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

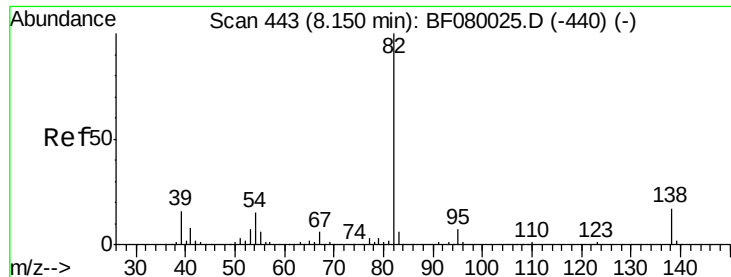
Tgt Ion: 82 Resp: 272752
 Ion Ratio Lower Upper
 82 100
 128 40.3 51.0 76.6#
 54 50.6 47.5 71.3



#24
 Nitrobenzene
 Concen: 43.52 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion: 77 Resp: 125737
 Ion Ratio Lower Upper
 77 100
 123 51.4 59.8 89.8#
 65 12.4 10.2 15.4





#25

Isophorone

Concen: 40.02 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

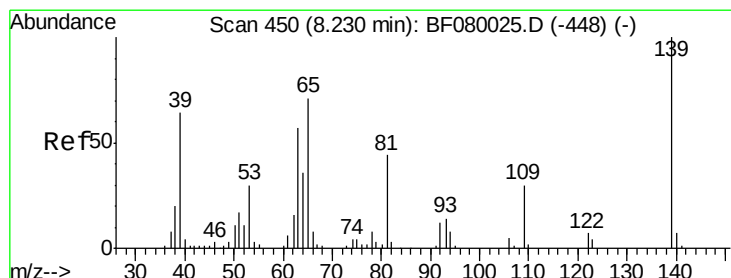
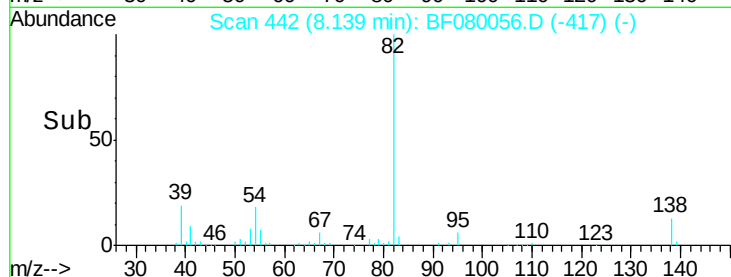
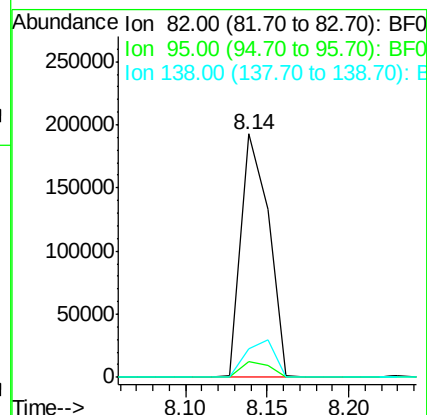
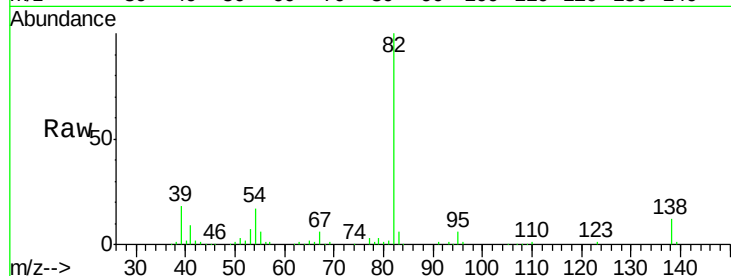
Tgt Ion: 82 Resp: 225457

Ion Ratio Lower Upper

82 100

95 6.3 4.0 6.0#

138 11.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 50.20 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

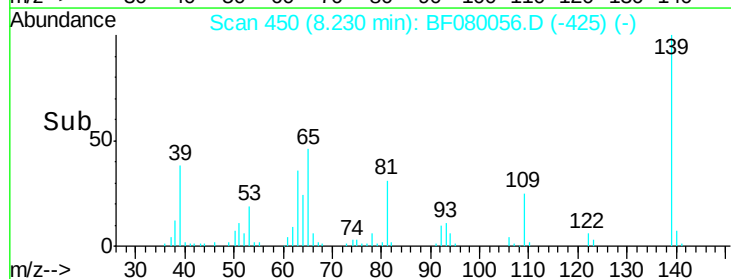
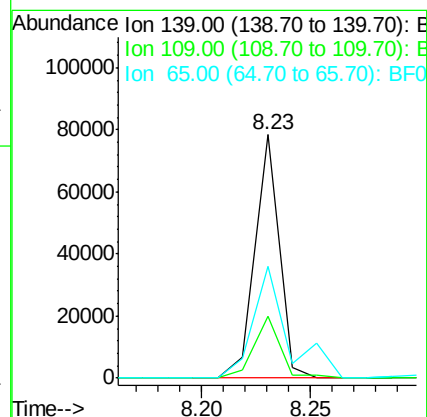
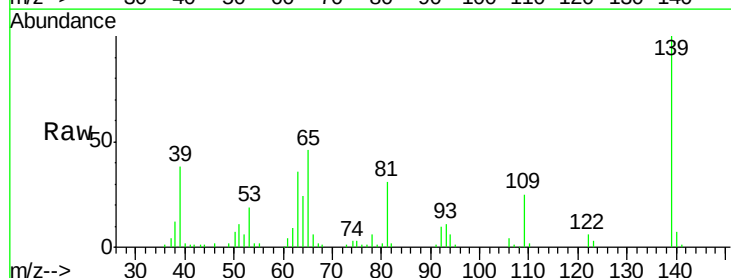
Tgt Ion: 139 Resp: 60707

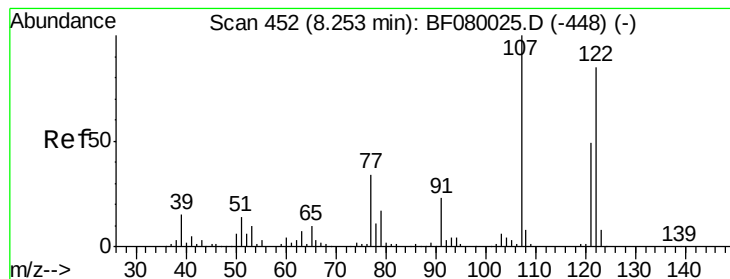
Ion Ratio Lower Upper

139 100

109 25.2 11.0 16.4#

65 46.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 47.91 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

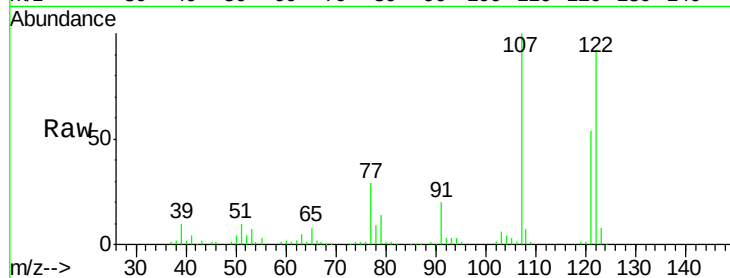
Tgt Ion: 122 Resp: 120817

Ion Ratio Lower Upper

122 100

107 108.9 71.8 107.6#

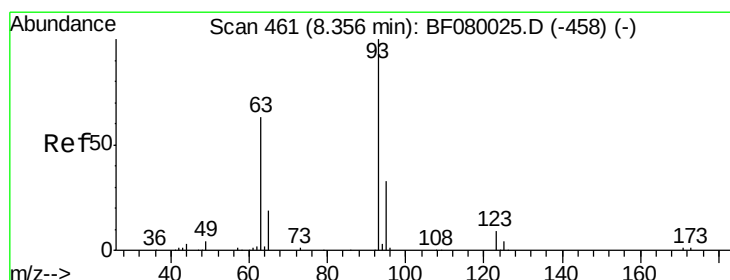
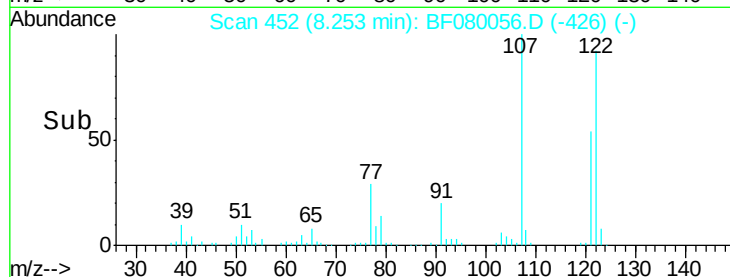
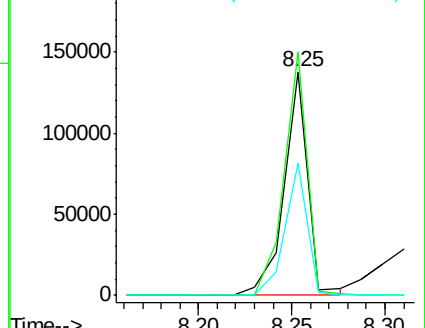
121 59.2 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.95 ng

RT: 8.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

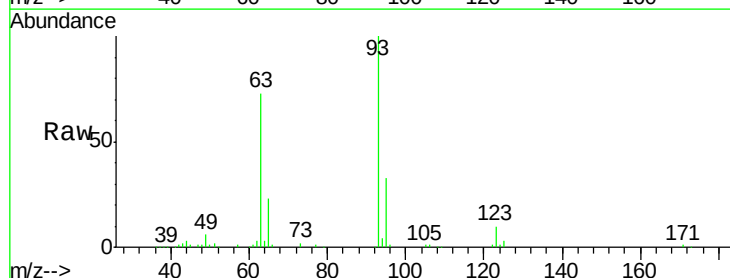
Tgt Ion: 93 Resp: 142157

Ion Ratio Lower Upper

93 100

95 33.0 27.5 41.3

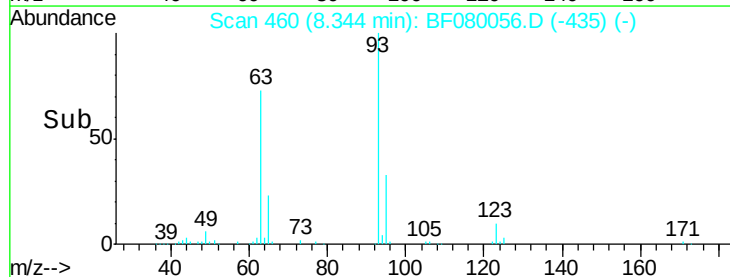
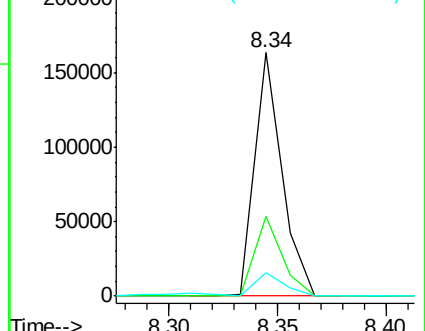
123 9.5 13.7 20.5#

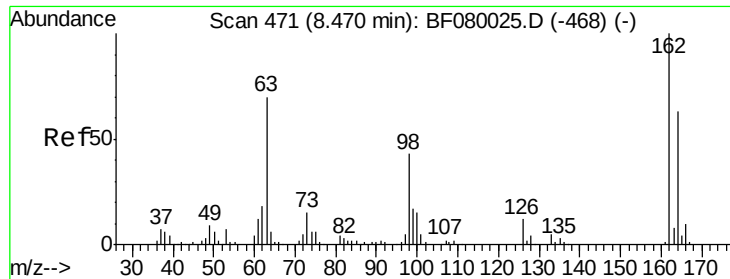


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

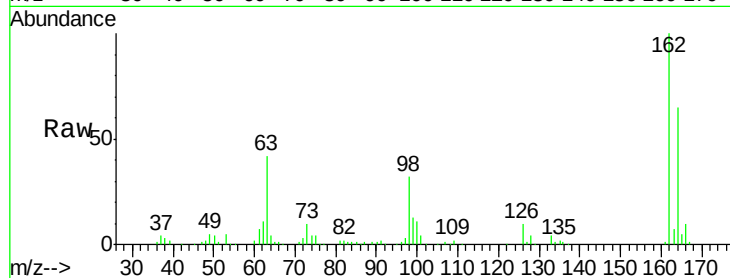




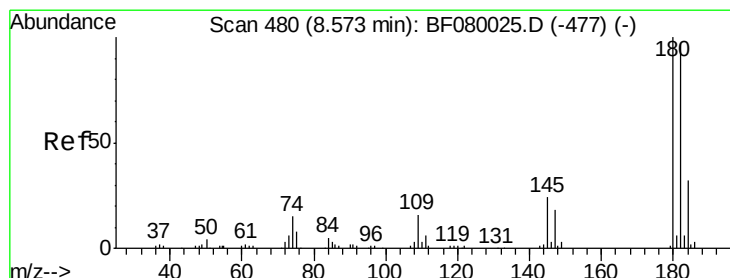
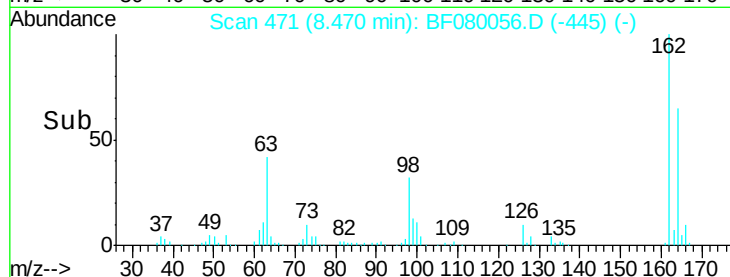
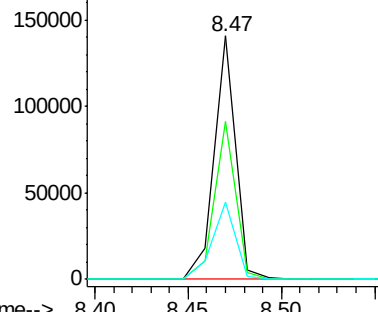
#29
2,4-Dichlorophenol
Concen: 52.34 ng
RT: 8.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.9	84.9
98	31.8	13.0	53.0

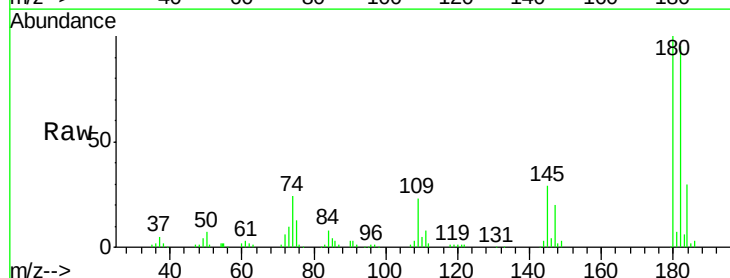


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

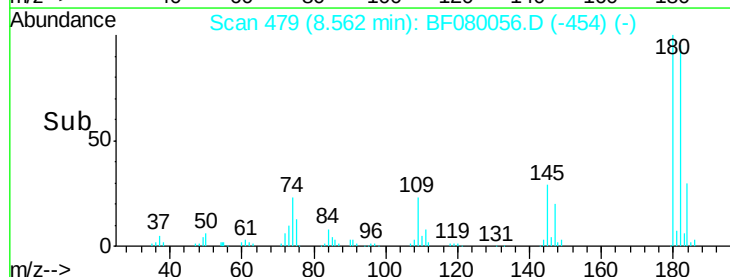
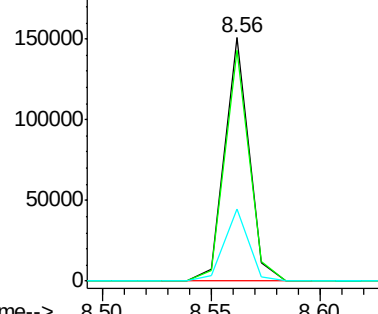


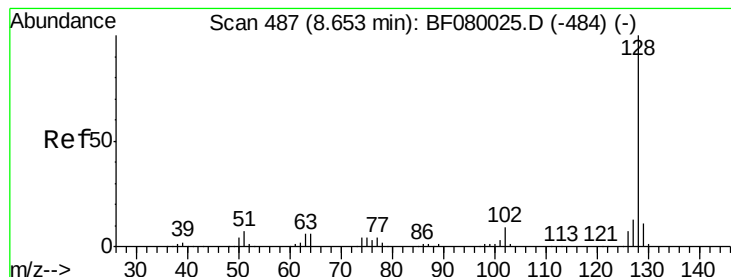
#30
1,2,4-Trichlorobenzene
Concen: 47.47 ng
RT: 8.56 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
145	29.5	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.19 ng

RT: 8.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

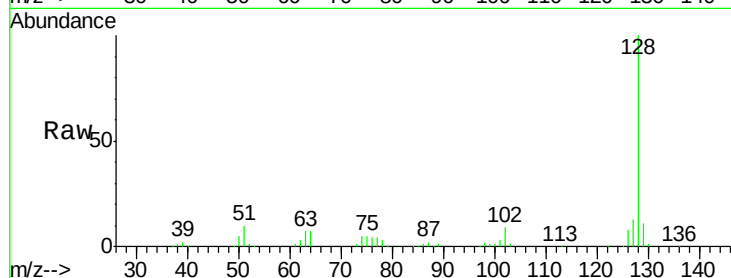
Tgt Ion:128 Resp: 342372

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

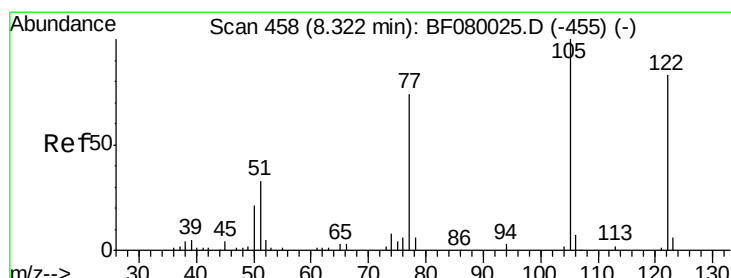
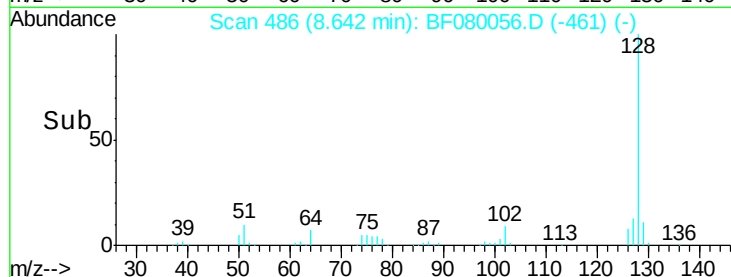
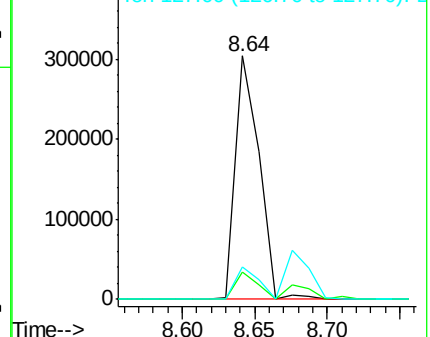
127 13.1 9.9 14.9



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: 35.53 ng

RT: 8.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

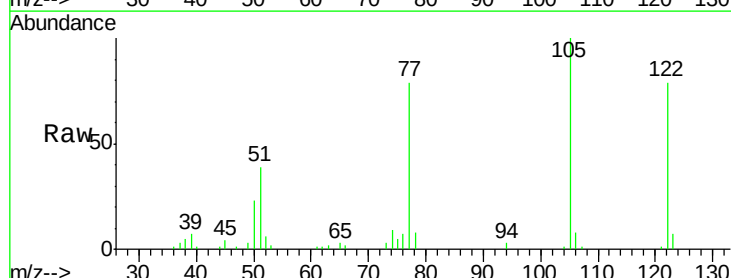
Tgt Ion:122 Resp: 54176

Ion Ratio Lower Upper

122 100

105 127.0 76.1 116.1#

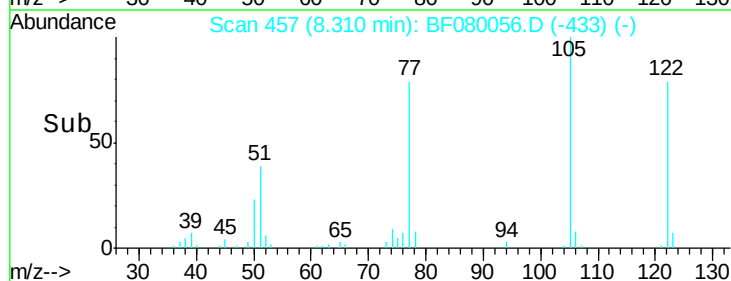
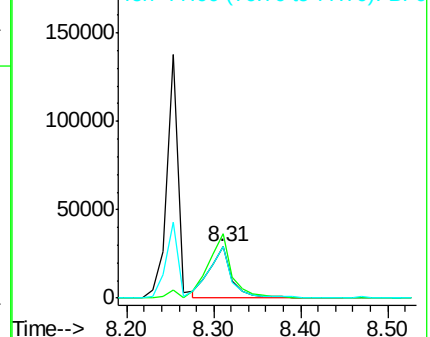
77 100.3 40.5 80.5#

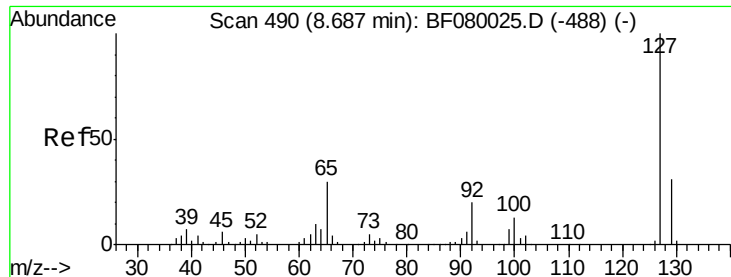


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

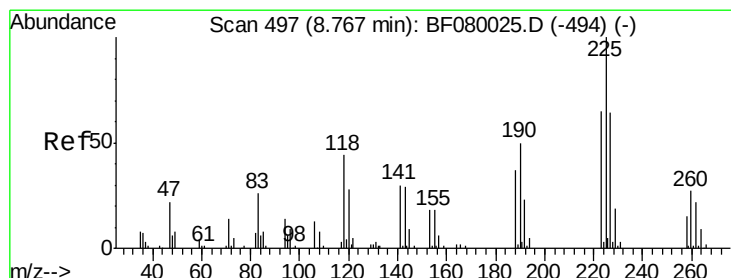
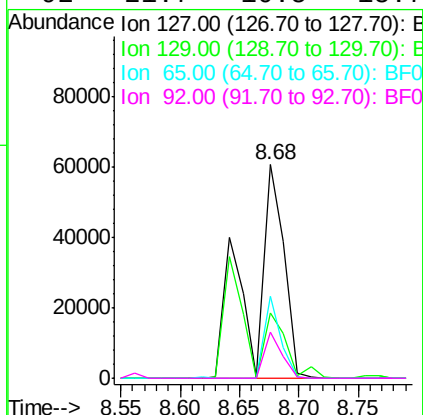
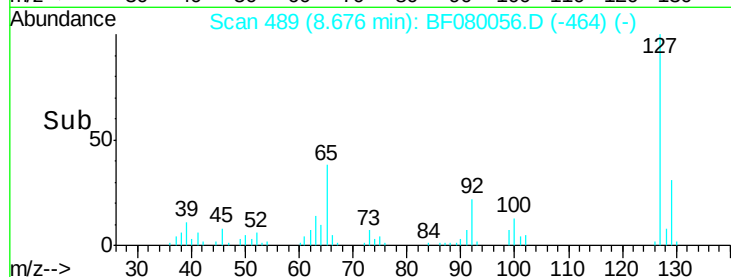
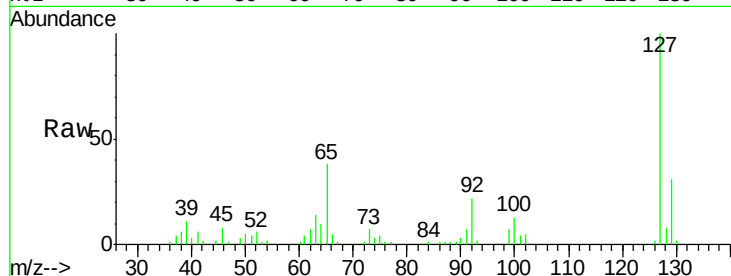




#33
4-Chloroaniline
Concen: 31.27 ng
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

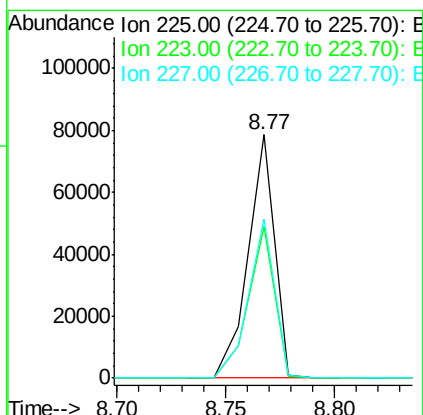
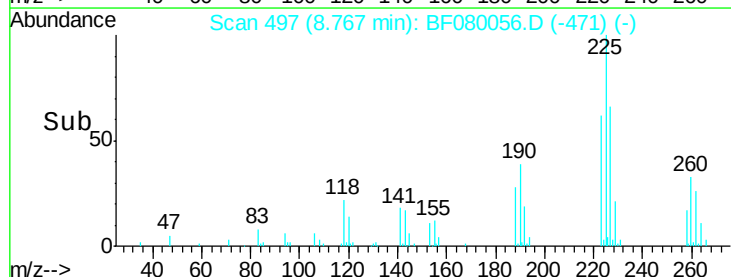
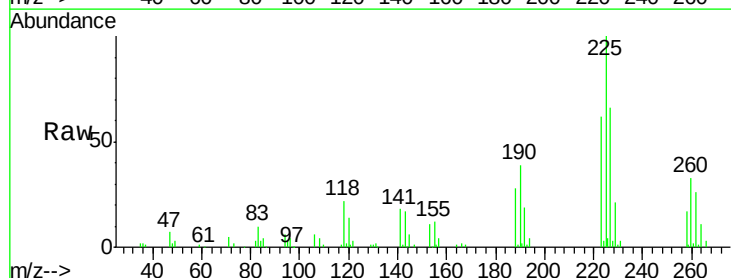
Instrument :
BNA_F
ClientSampleId :
PB84099BS

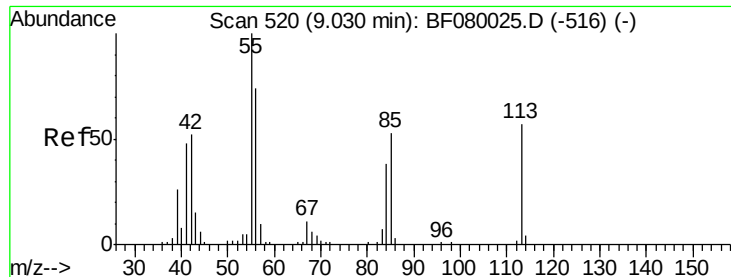
Tgt Ion:	127	Resp:	114017
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.6
65	38.4	17.9	26.9#
92	21.7	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 43.76 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion:	225	Resp:	66085
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.2	75.2
227	65.5	52.2	78.2

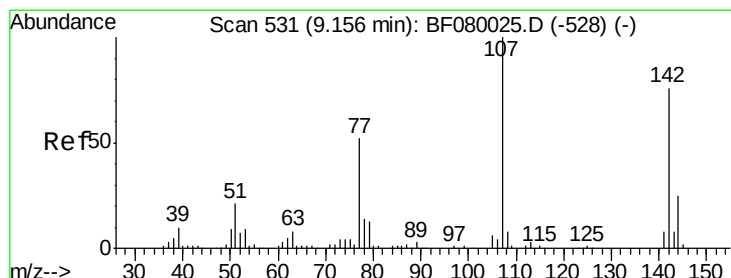
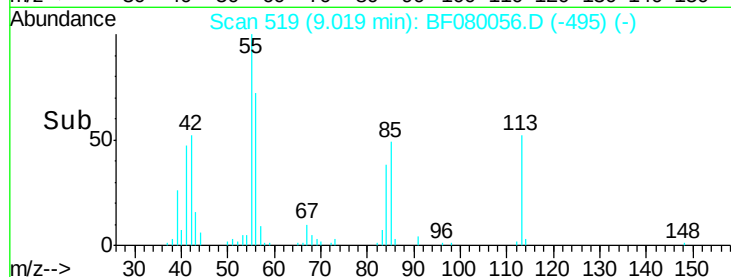
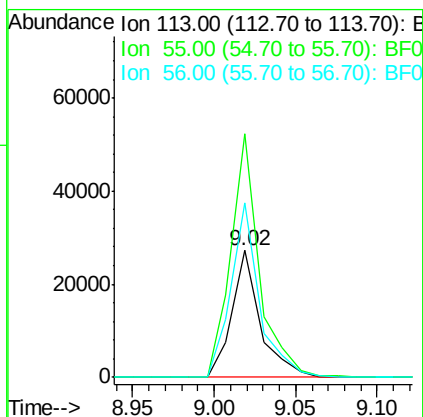
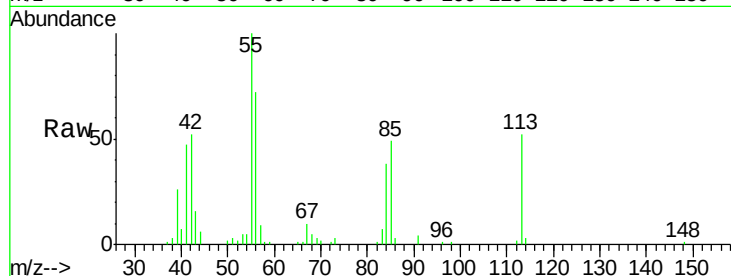




#35
 Caprolactam
 Concen: 45.95 ng
 RT: 9.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

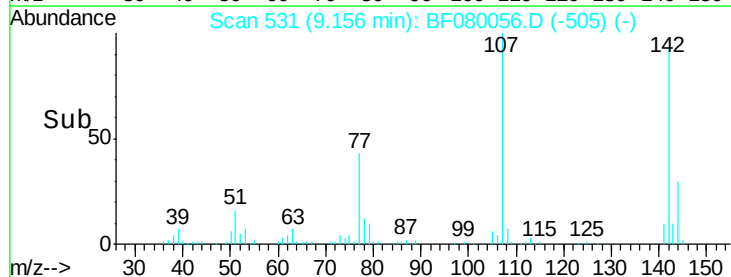
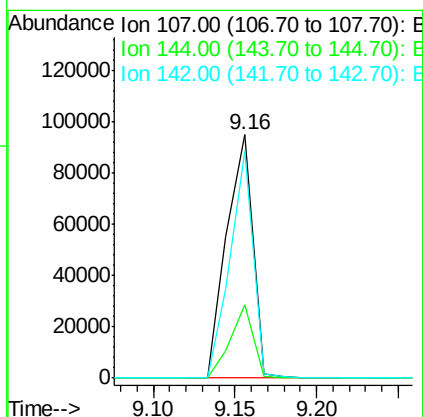
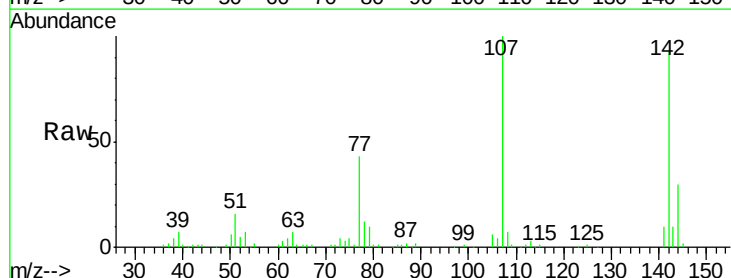
Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

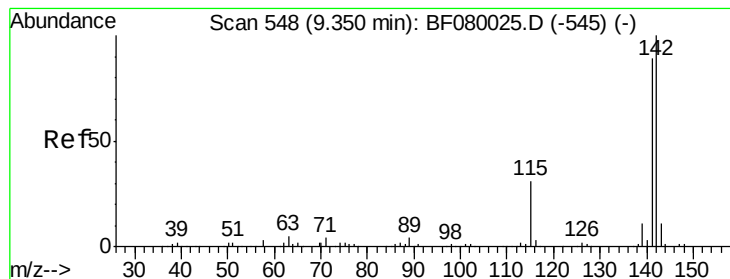
Tgt Ion:113 Resp: 32205
 Ion Ratio Lower Upper
 113 100
 55 192.3 152.4 192.4
 56 138.2 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.99 ng
 RT: 9.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion:107 Resp: 104717
 Ion Ratio Lower Upper
 107 100
 144 30.0 25.4 38.0
 142 93.2 77.3 115.9





#37

2-Methylnaphthalene

Concen: 44.96 ng

RT: 9.34 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

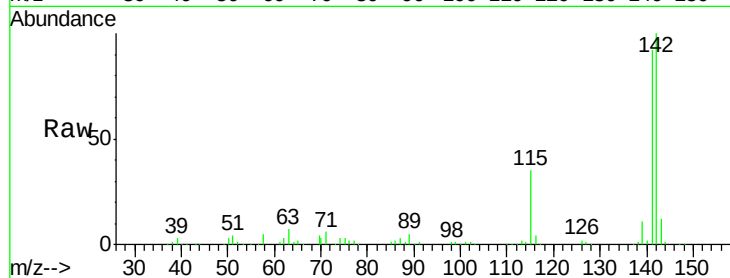
Tgt Ion:142 Resp: 247768

Ion Ratio Lower Upper

142 100

141 91.6 67.5 101.3

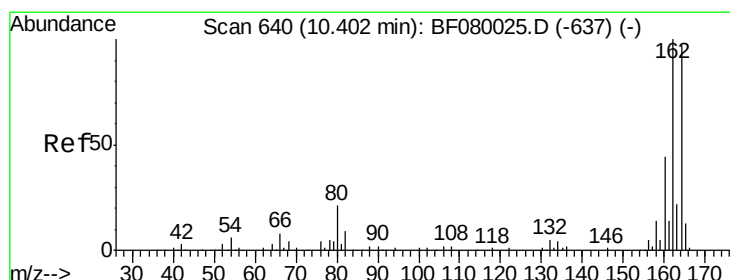
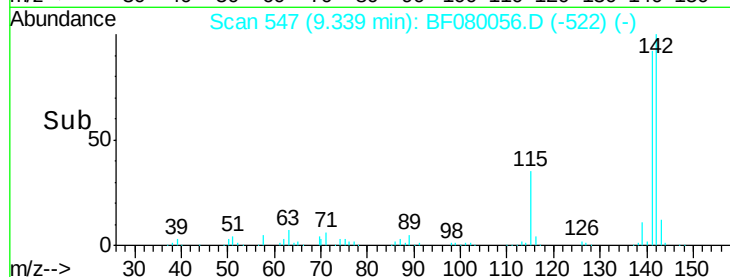
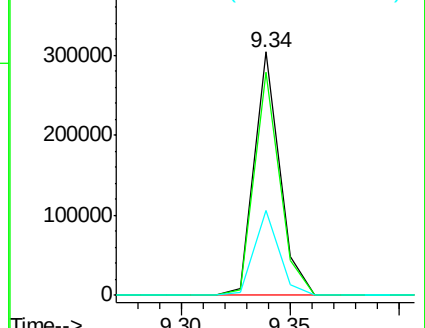
115 35.0 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

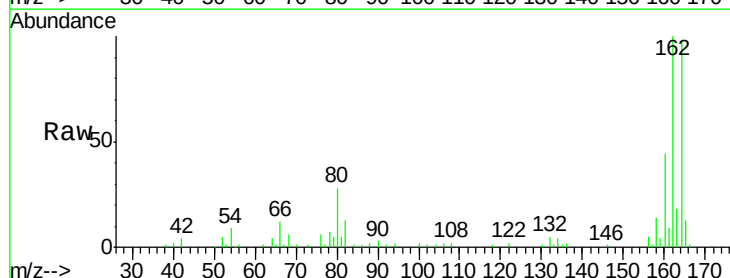
Tgt Ion:164 Resp: 87605

Ion Ratio Lower Upper

164 100

162 102.0 75.2 112.8

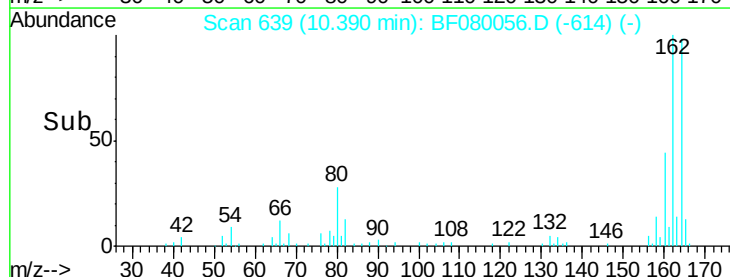
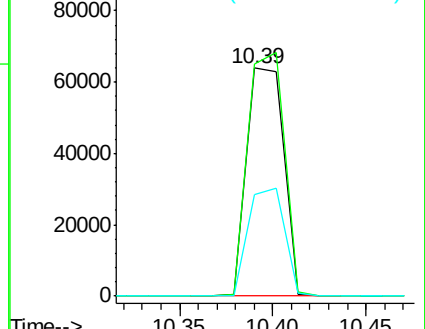
160 44.5 31.5 47.3

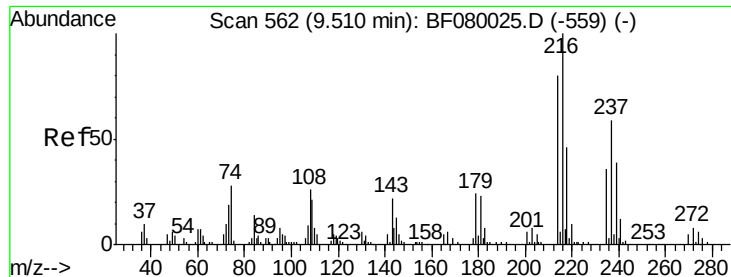


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

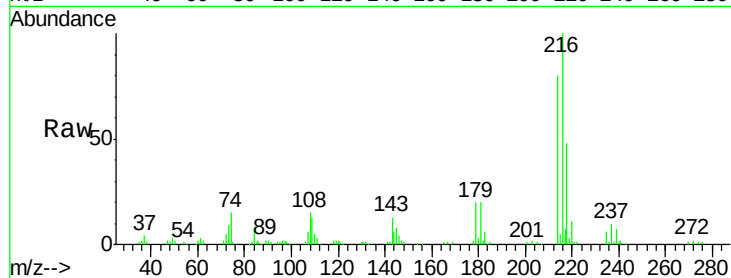




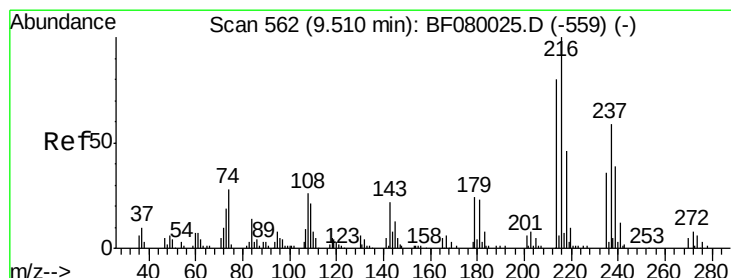
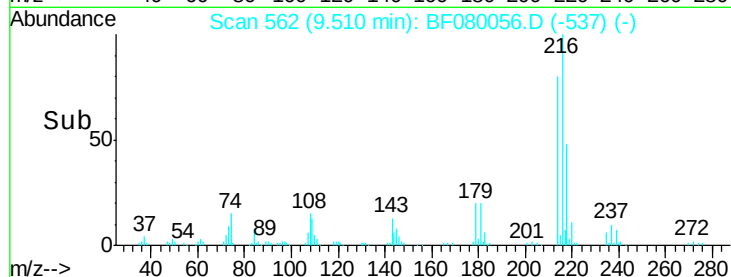
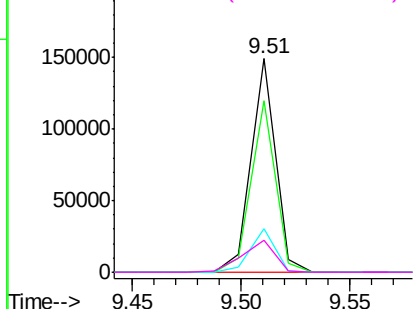
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.82 ng
RT: 9.51 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion:	216	Resp:	116809
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.5	95.3
179	20.7	16.6	24.8
108	19.9	16.3	24.5

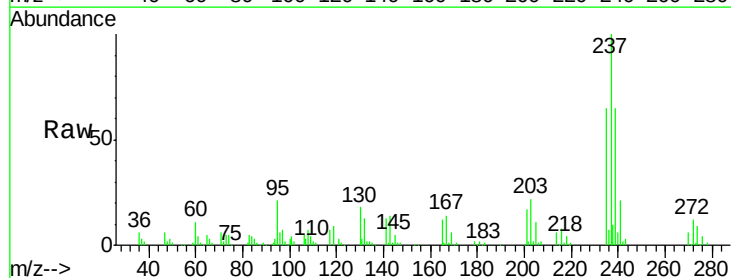


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

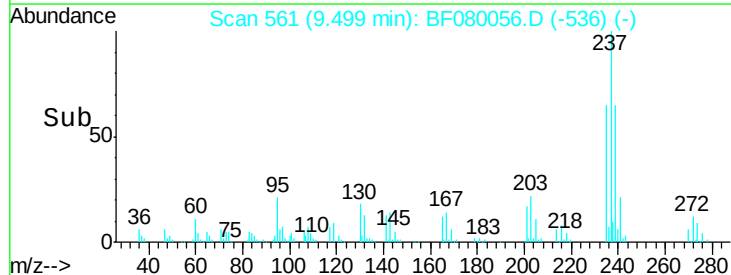
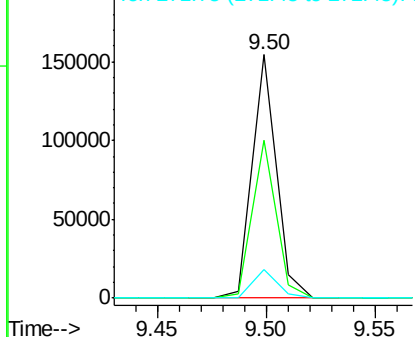


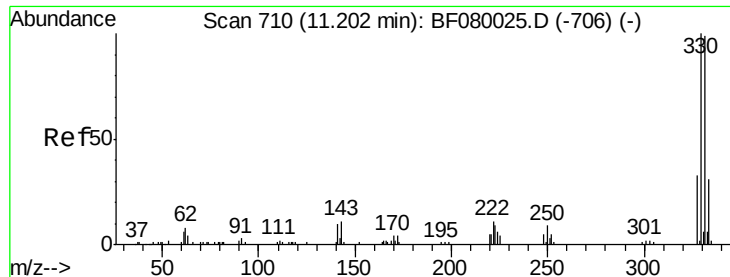
#40
Hexachlorocyclopentadiene
Concen: 90.11 ng
RT: 9.50 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion:	237	Resp:	119328
Ion	Ratio	Lower	Upper
237	100		
235	65.0	42.0	82.0
272	11.8	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

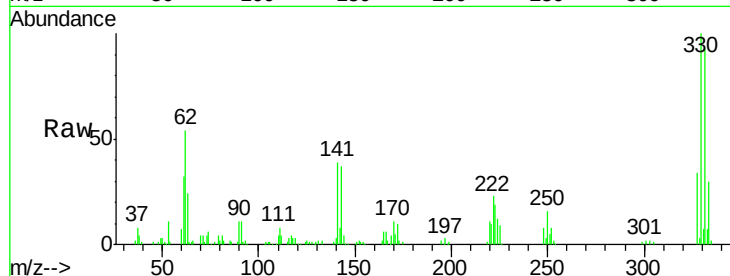




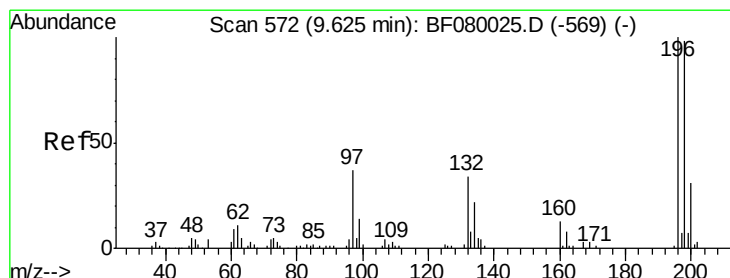
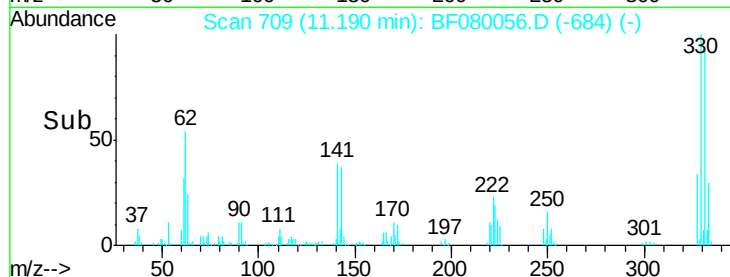
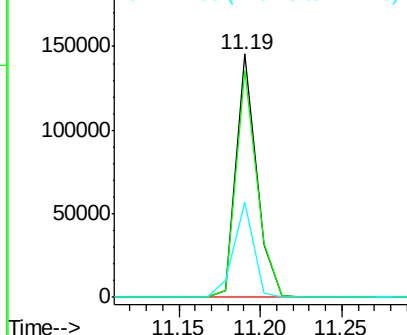
#41
 2,4,6-Tribromophenol
 Concen: 146.18 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion:330 Resp: 125228
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 38.2 29.7 44.5

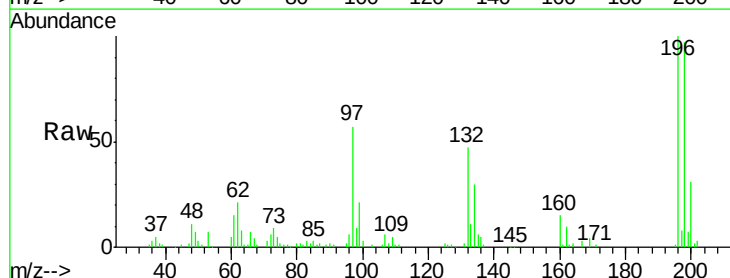


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

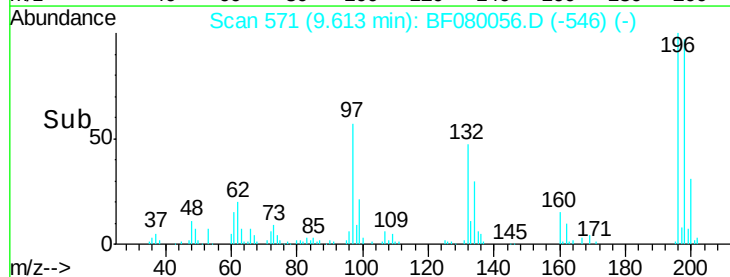
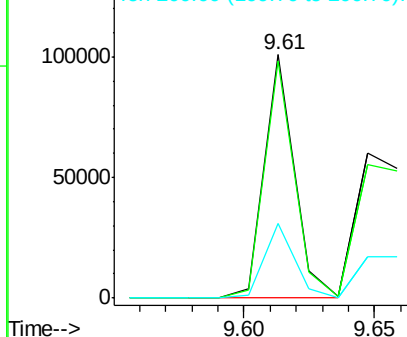


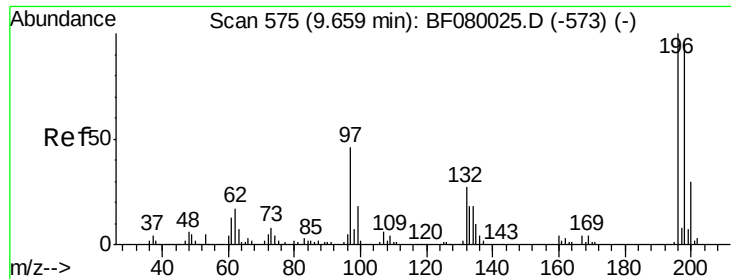
#42
 2,4,6-Trichlorophenol
 Concen: 46.30 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion:196 Resp: 80306
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 30.8 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

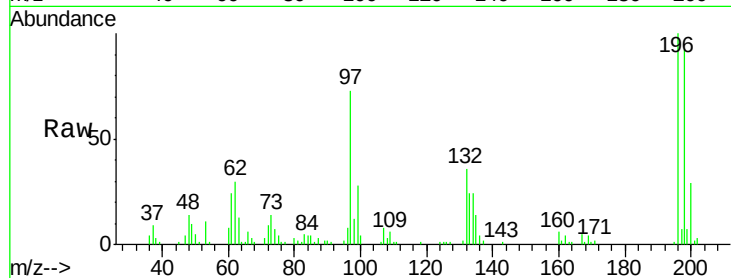




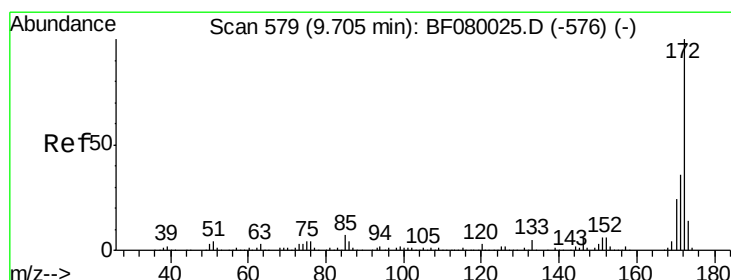
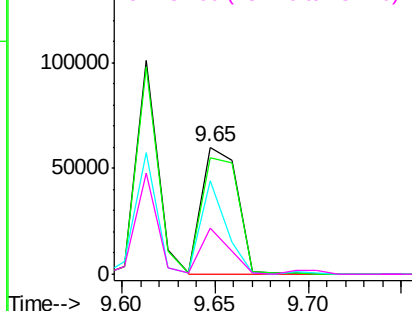
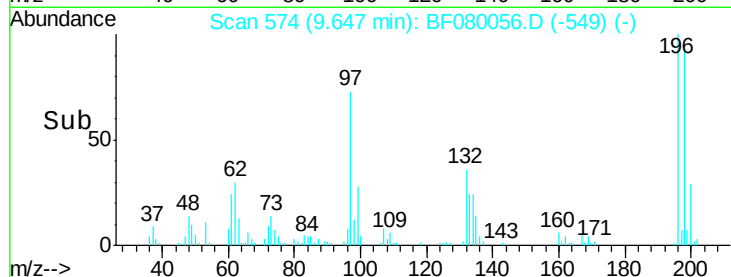
#43
 2,4,5-Trichlorophenol
 Concen: 39.82 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion:196 Resp: 79575
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.4 113.0
 97 73.1 33.3 49.9#
 132 36.0 24.6 37.0

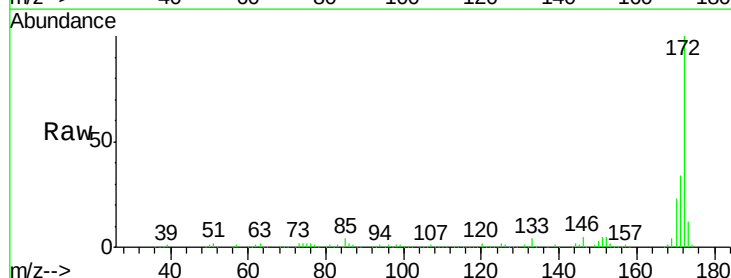


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

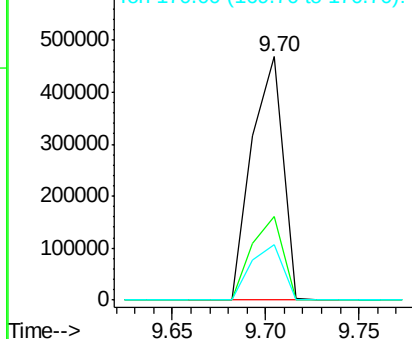
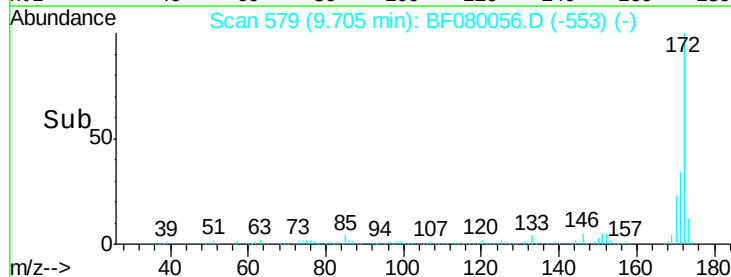


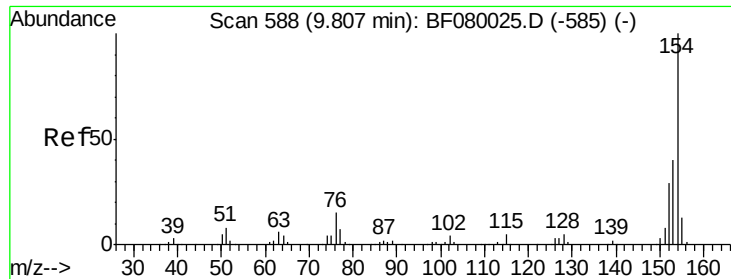
#44
 2-Fluorobiphenyl
 Concen: 87.85 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion:172 Resp: 539683
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.1 39.1
 170 23.0 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

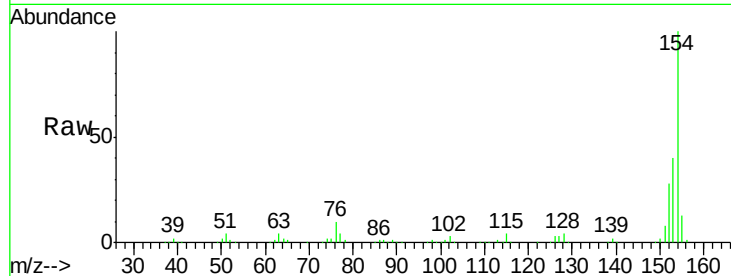




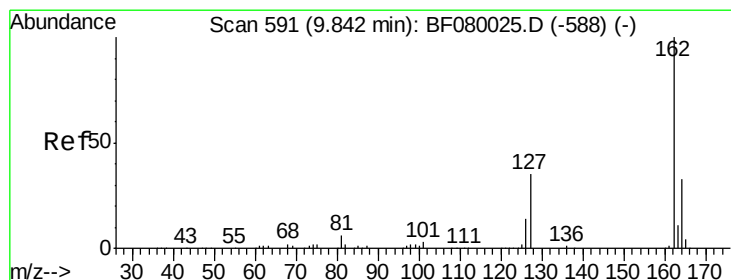
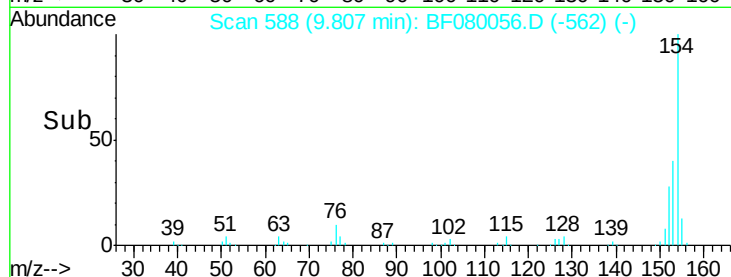
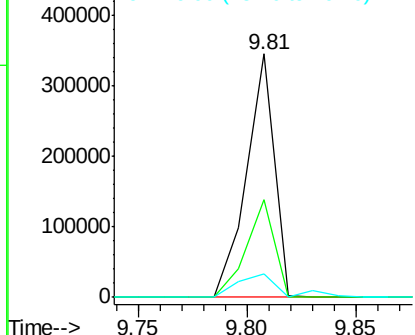
#45
 1,1'-Biphenyl
 Concen: 43.09 ng
 RT: 9.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion:154 Resp: 307106
 Ion Ratio Lower Upper
 154 100
 153 40.0 17.1 57.1
 76 9.6 0.0 31.6

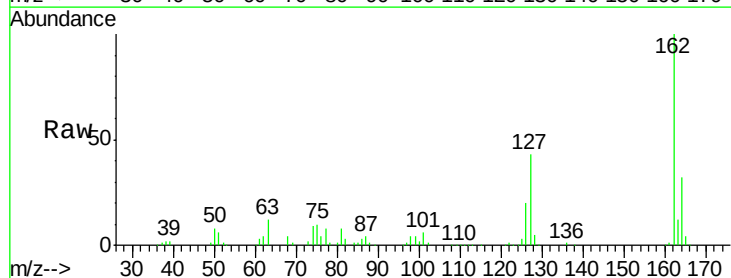


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

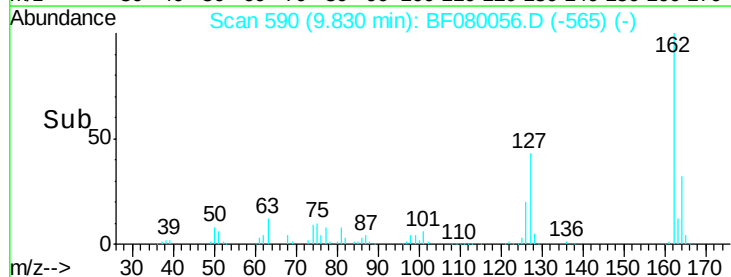
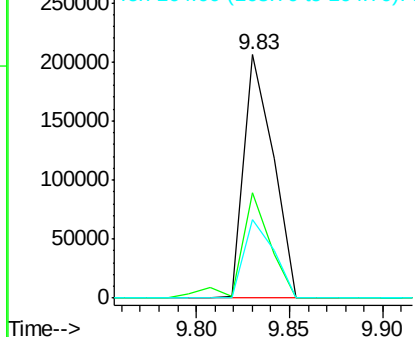


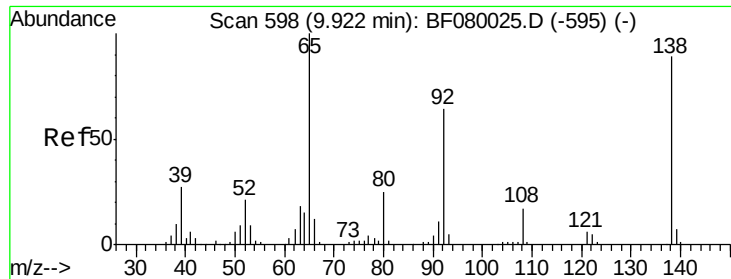
#46
 2-Chloronaphthalene
 Concen: 38.73 ng
 RT: 9.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion:162 Resp: 223972
 Ion Ratio Lower Upper
 162 100
 127 43.2 27.6 41.4#
 164 32.4 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

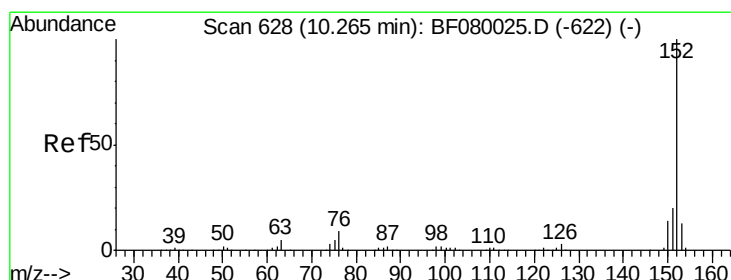
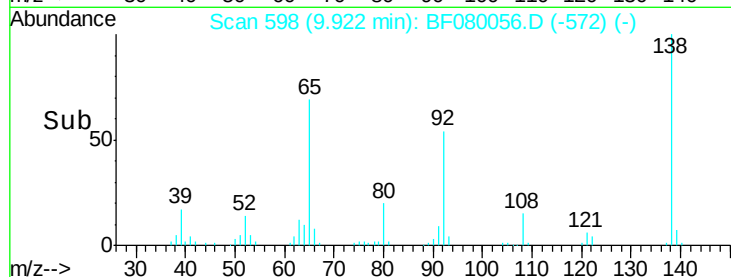
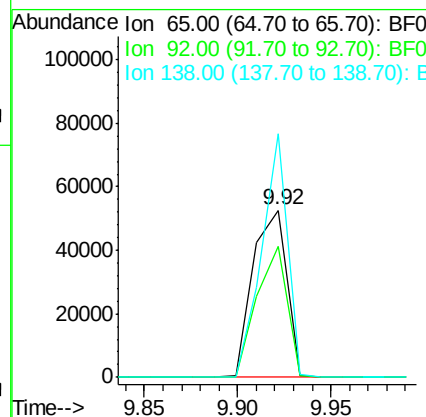
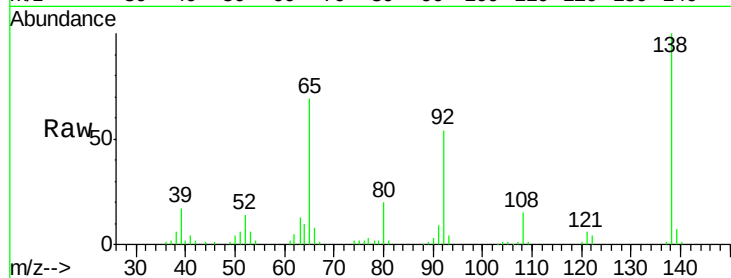




#47
2-Nitroaniline
Concen: 41.34 ng
RT: 9.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

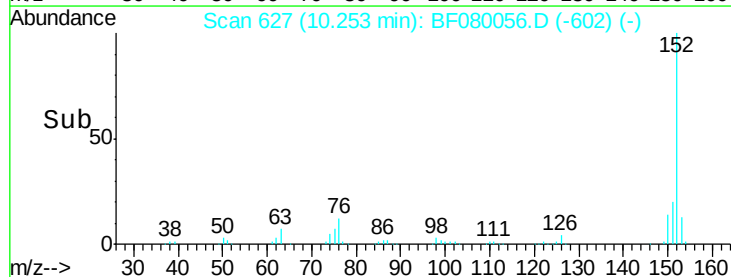
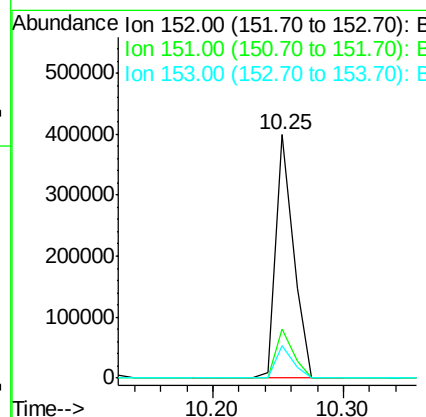
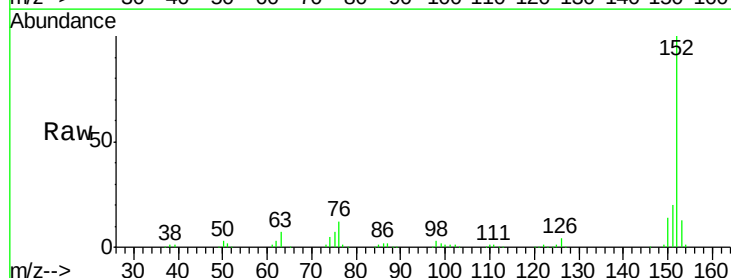
Instrument :
BNA_F
ClientSampleId :
PB84099BS

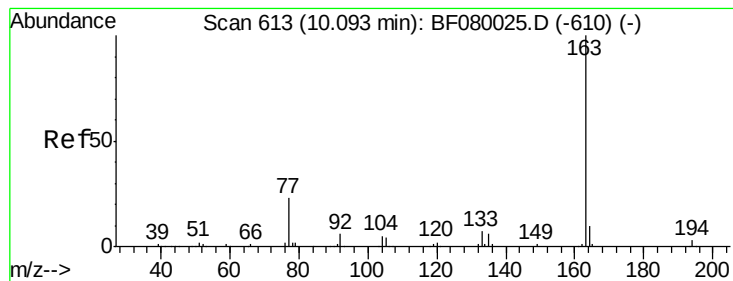
Tgt Ion: 65 Resp: 65626
Ion Ratio Lower Upper
65 100
92 78.6 55.4 83.0
138 145.7 115.5 173.3



#48
Acenaphthylene
Concen: 39.65 ng
RT: 10.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion: 152 Resp: 382772
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.3 10.3 15.5





#49

Dimethylphthalate

Concen: 44.58 ng

RT: 10.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

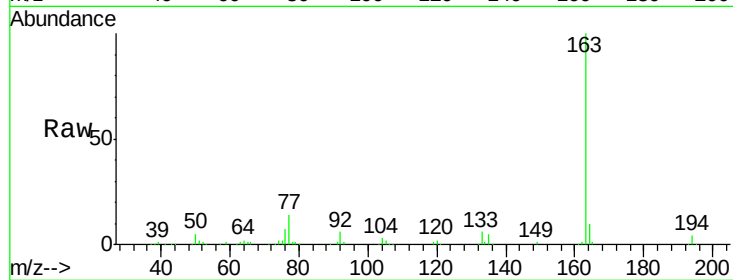
Tgt Ion:163 Resp: 293616

Ion Ratio Lower Upper

163 100

194 3.9 4.4 6.6#

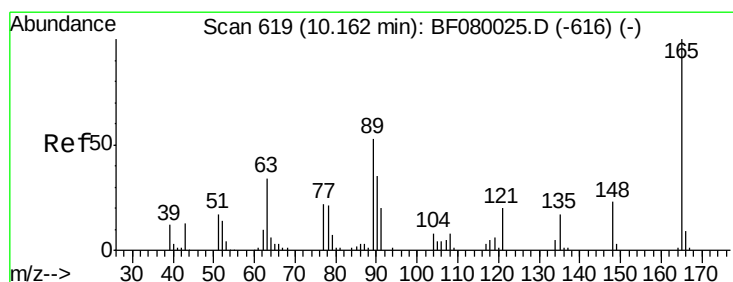
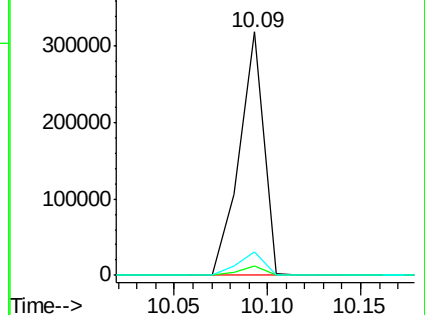
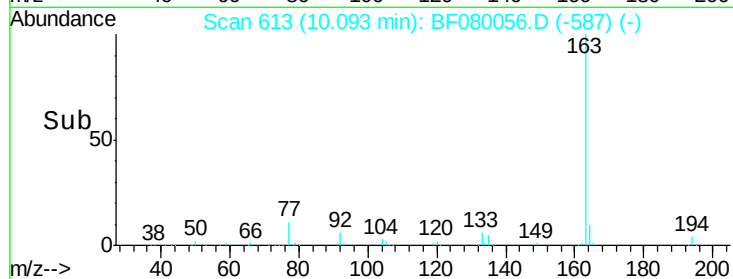
164 9.7 8.3 12.5



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: 42.84 ng

RT: 10.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

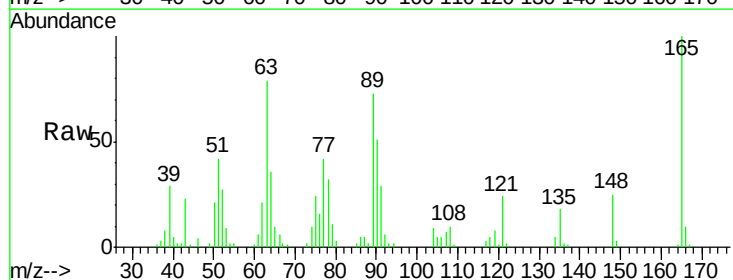
Tgt Ion:165 Resp: 56562

Ion Ratio Lower Upper

165 100

63 78.9 32.3 48.5#

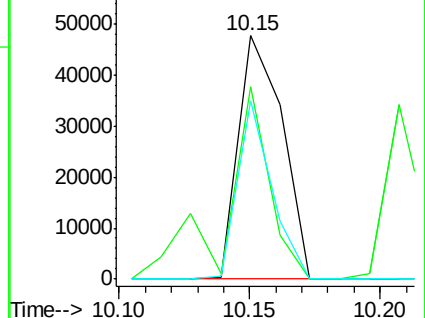
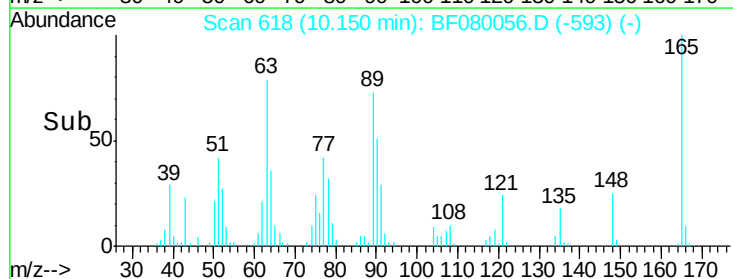
89 73.4 28.6 43.0#

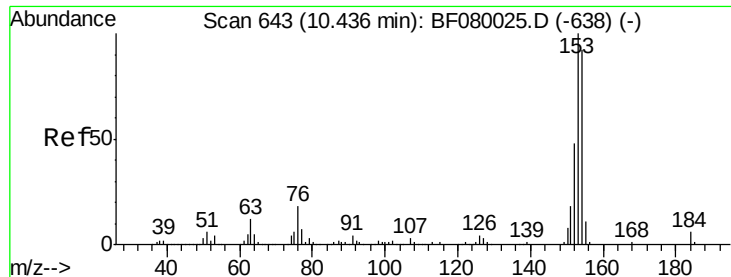


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.92 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

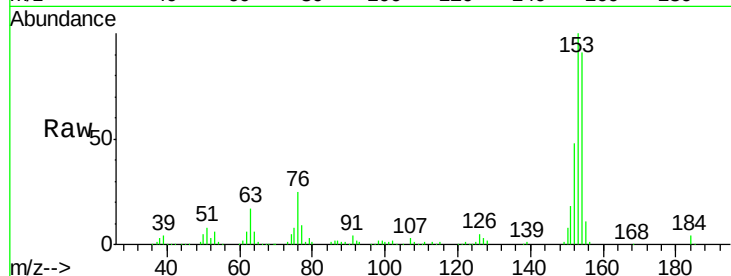
Tgt Ion:154 Resp: 253460

Ion Ratio Lower Upper

154 100

153 110.2 82.1 123.1

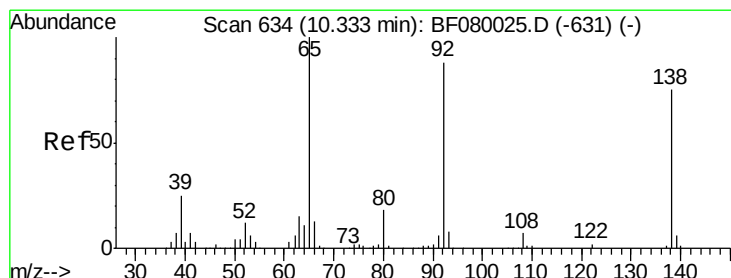
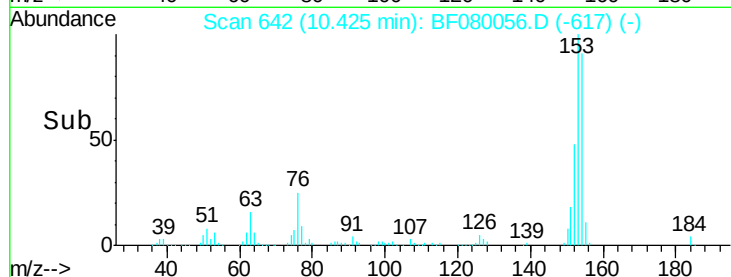
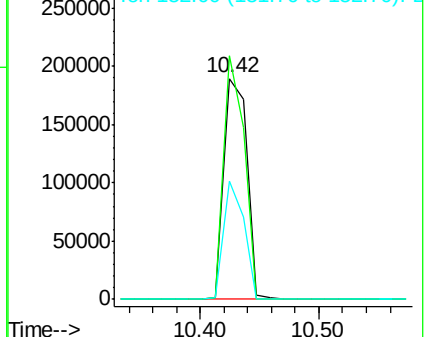
152 53.3 37.9 56.9



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: 26.30 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

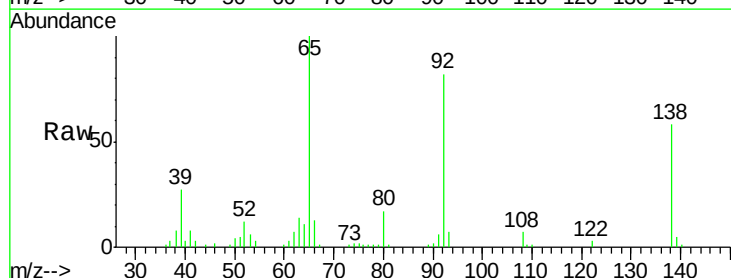
Tgt Ion:138 Resp: 40069

Ion Ratio Lower Upper

138 100

108 11.7 5.7 8.5#

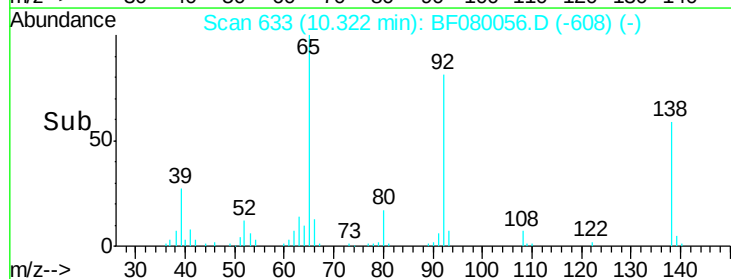
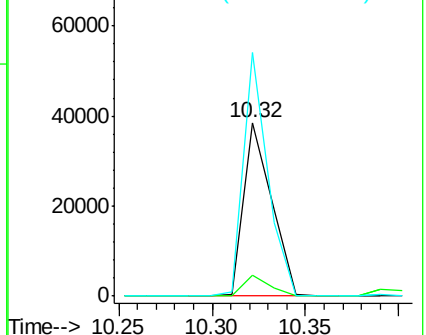
92 140.5 67.7 101.5#

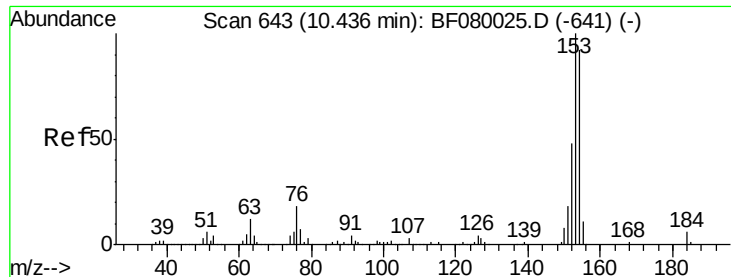


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

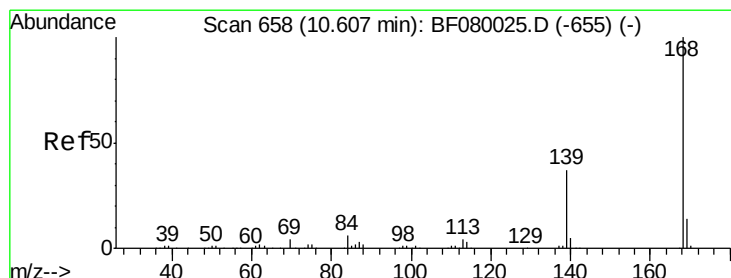
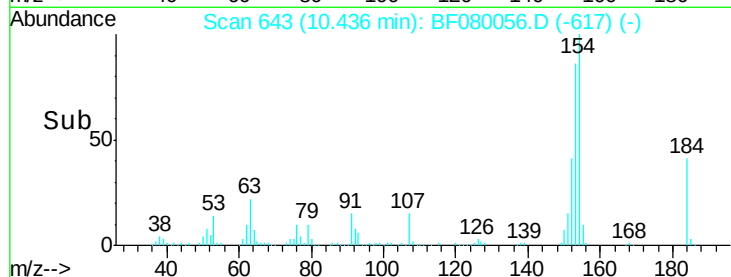
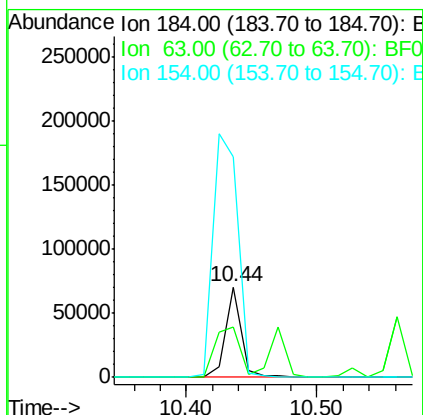
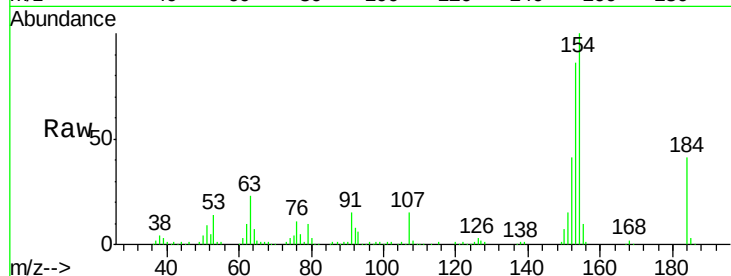




#53
 2,4-Dinitrophenol
 Concen: 109.18 ng
 RT: 10.44 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

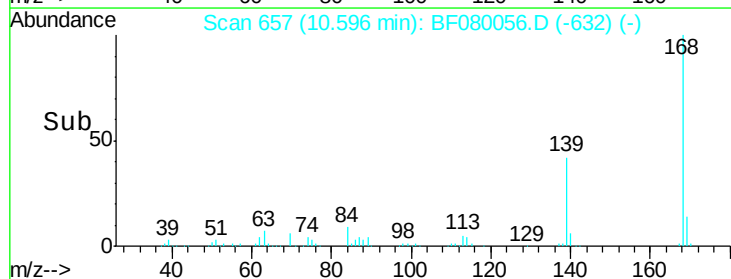
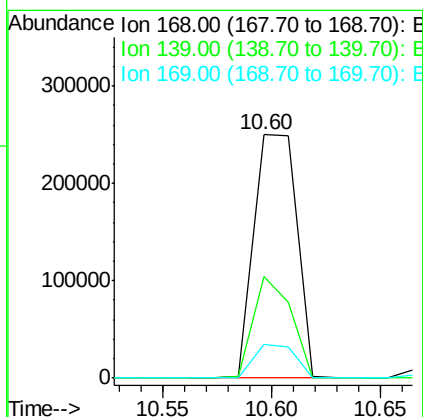
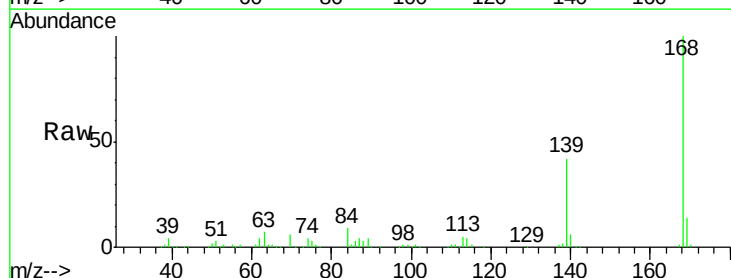
Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

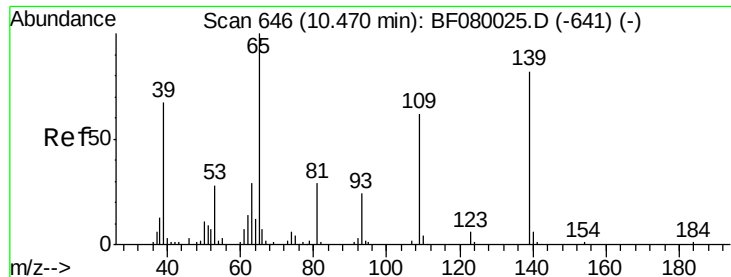
Tgt Ion:184 Resp: 59907
 Ion Ratio Lower Upper
 184 100
 63 55.6 35.4 53.2#
 154 243.3 32.2 48.4#



#54
 Dibenzofuran
 Concen: 41.04 ng
 RT: 10.60 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion:168 Resp: 343924
 Ion Ratio Lower Upper
 168 100
 139 41.6 24.2 36.2#
 169 13.7 10.6 15.8





#55

4-Nitrophenol

Concen: 90.99 ng

RT: 10.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

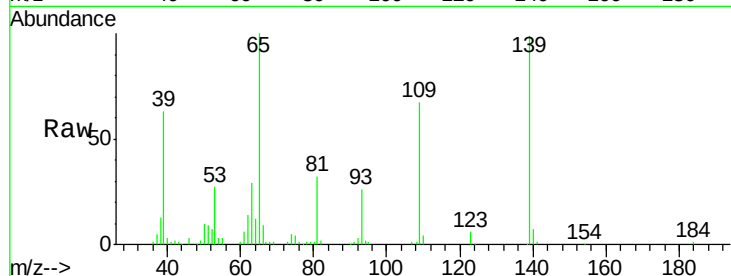
Tgt Ion:139 Resp: 110791

Ion Ratio Lower Upper

139 100

109 67.6 12.7 52.7#

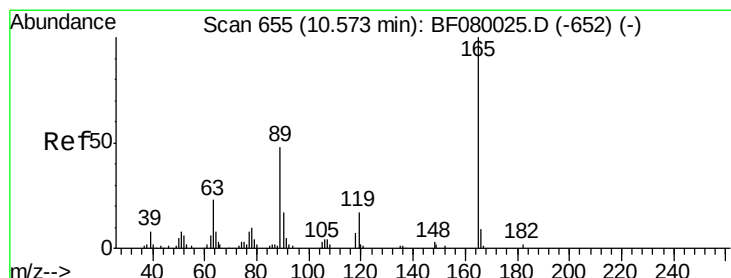
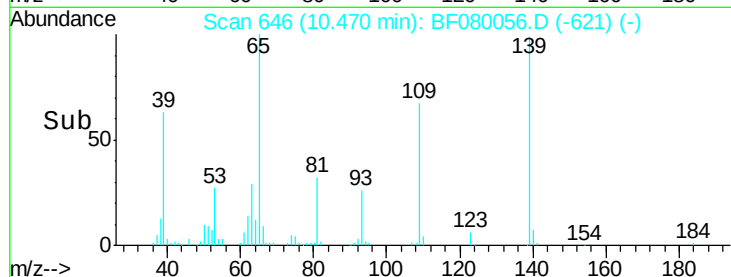
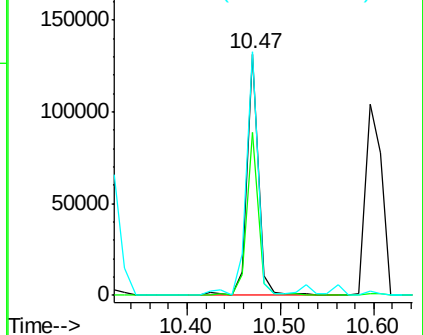
65 100.8 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.56 ng

RT: 10.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion:165 Resp: 84720

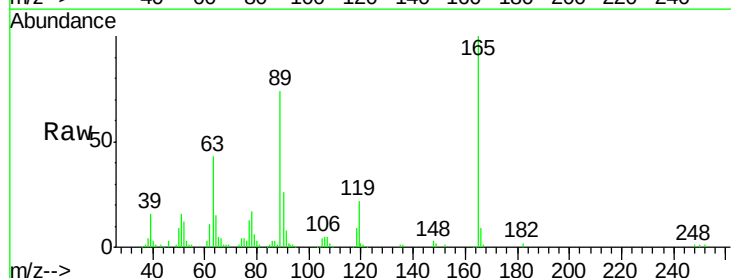
Ion Ratio Lower Upper

165 100

63 42.9 29.8 44.6

89 74.0 44.5 66.7#

182 2.3 3.0 4.4#

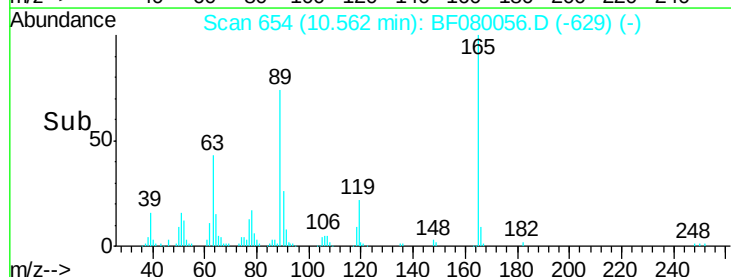
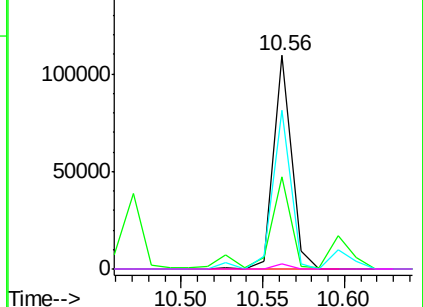


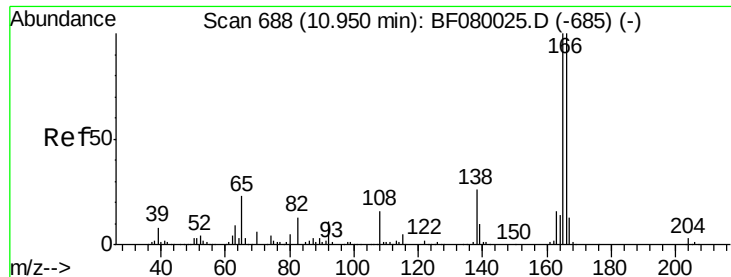
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.95 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

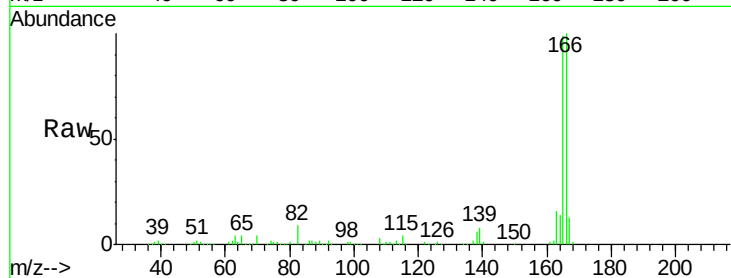
Tgt Ion:166 Resp: 298886

Ion Ratio Lower Upper

166 100

165 99.1 72.6 109.0

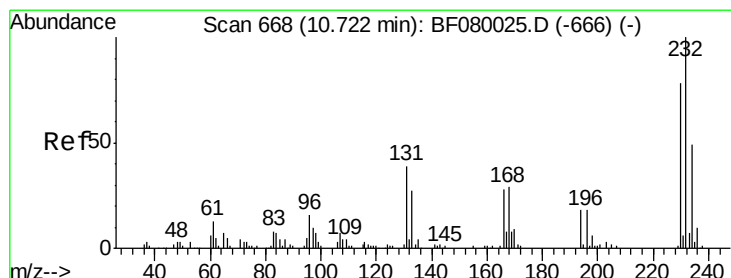
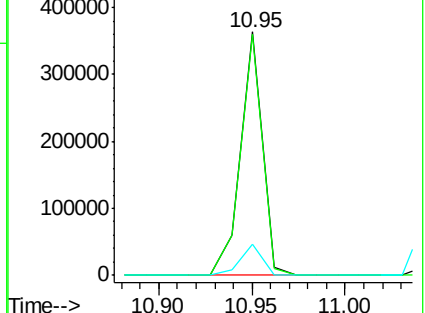
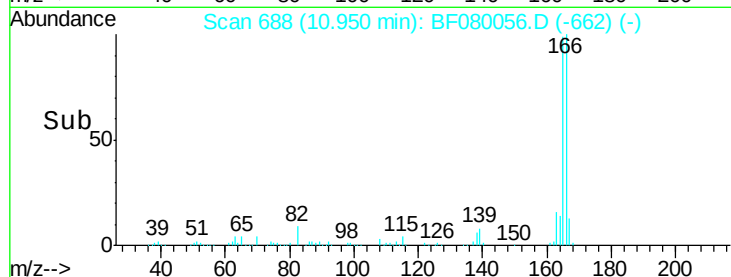
167 13.1 10.6 16.0



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: 41.45 ng

RT: 10.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion:232 Resp: 69935

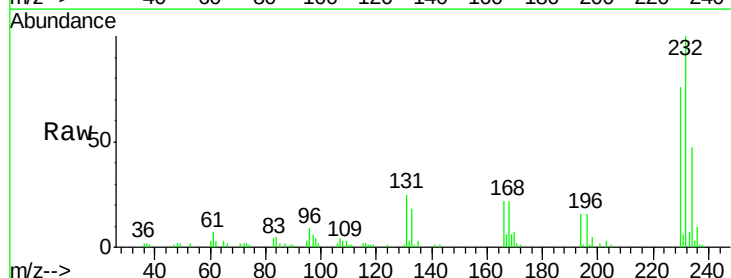
Ion Ratio Lower Upper

232 100

131 45.1 38.5 57.7

130 2.3 1.8 2.6

166 30.5 25.0 37.6

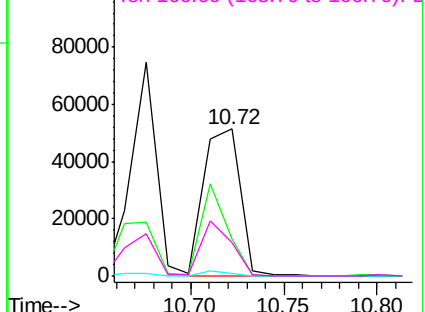
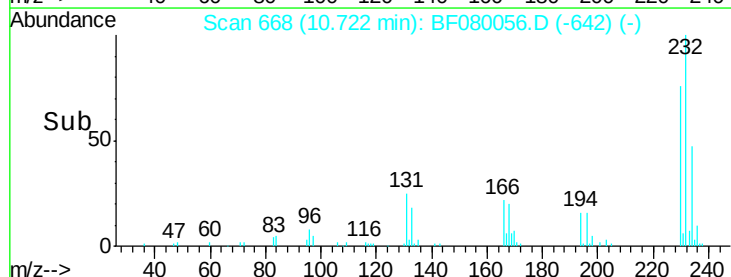


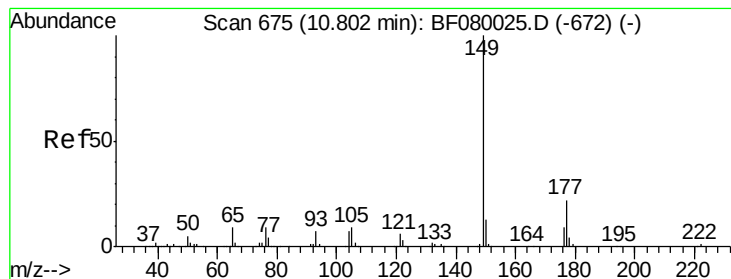
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.55 ng

RT: 10.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

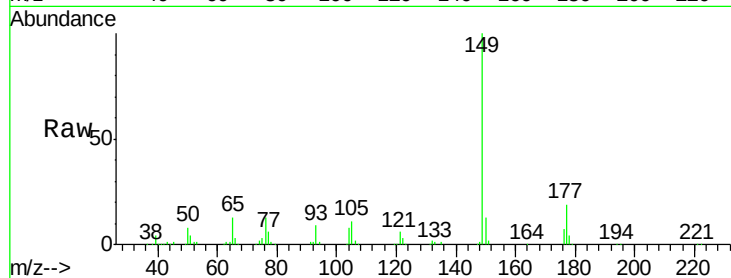
Tgt Ion:149 Resp: 268896

Ion Ratio Lower Upper

149 100

177 18.5 17.5 26.3

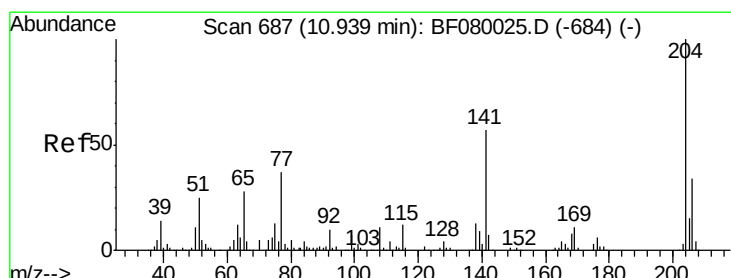
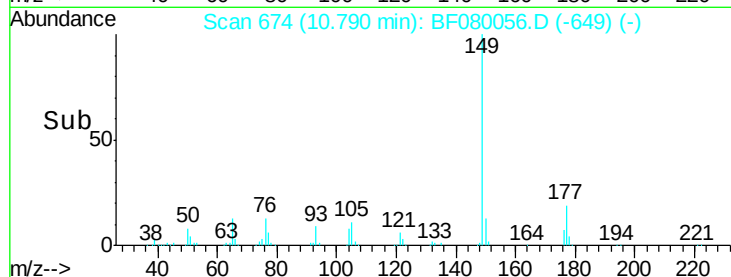
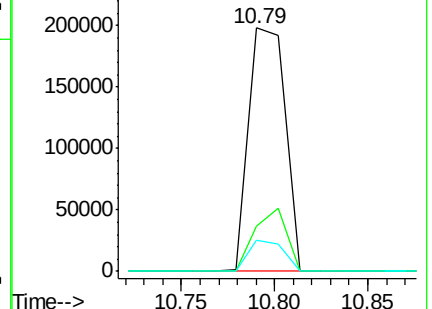
150 12.6 9.4 14.2



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: 41.80 ng

RT: 10.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

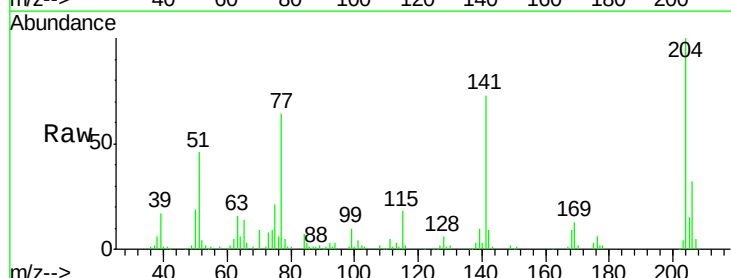
Tgt Ion:204 Resp: 133556

Ion Ratio Lower Upper

204 100

206 32.5 24.8 37.2

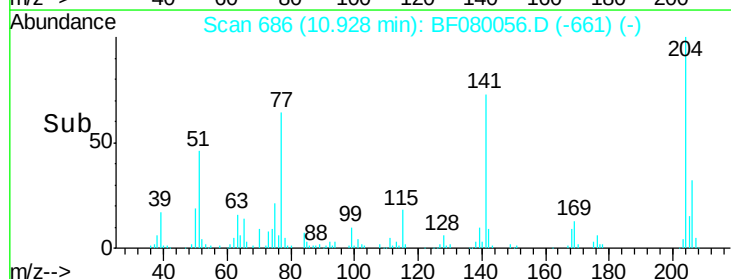
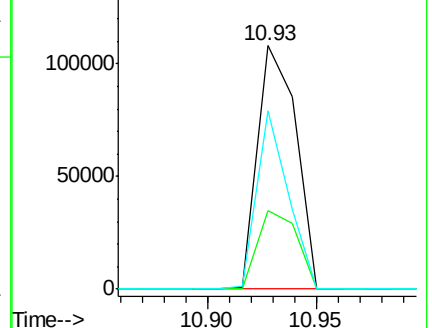
141 73.4 42.2 63.4#

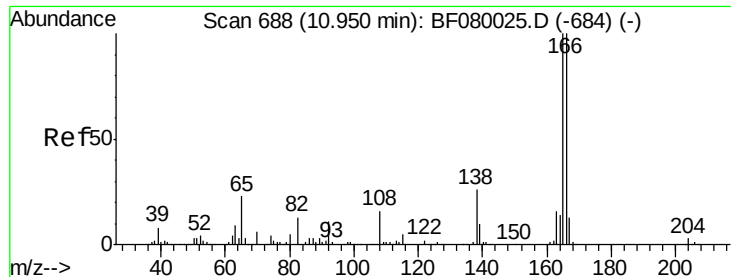


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

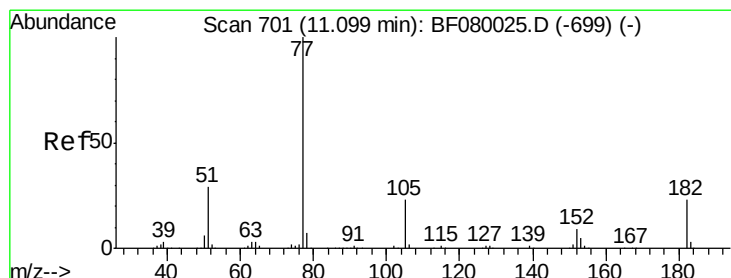
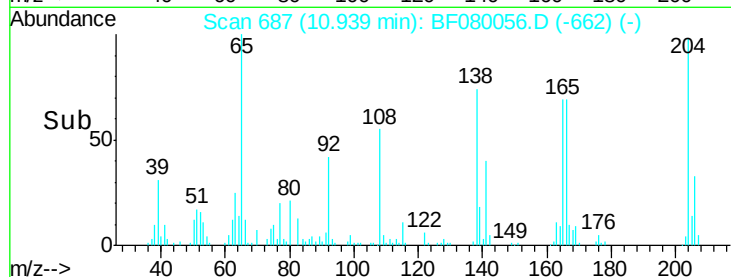
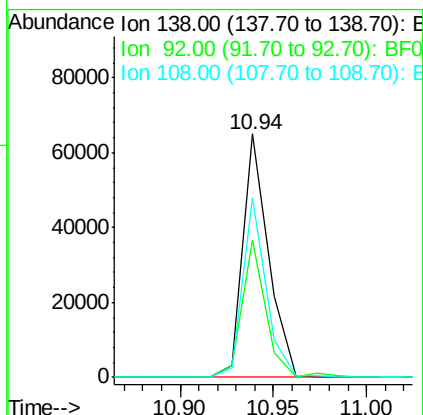
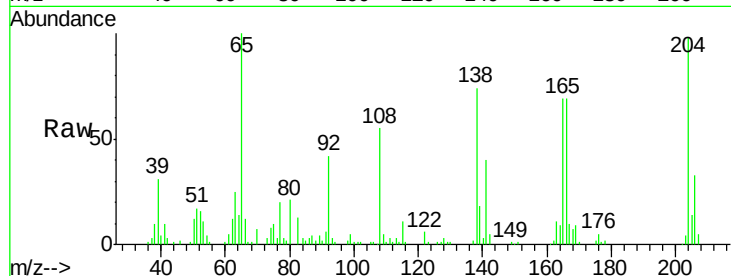




#61
4-Nitroaniline
Concen: 39.38 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

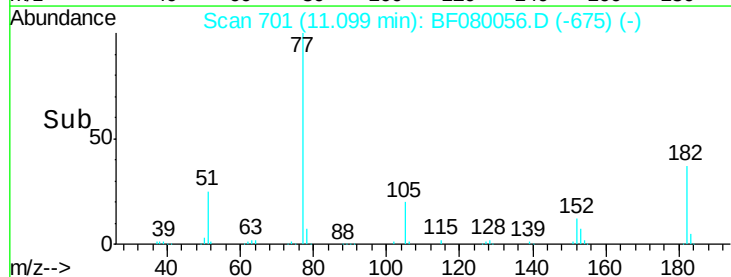
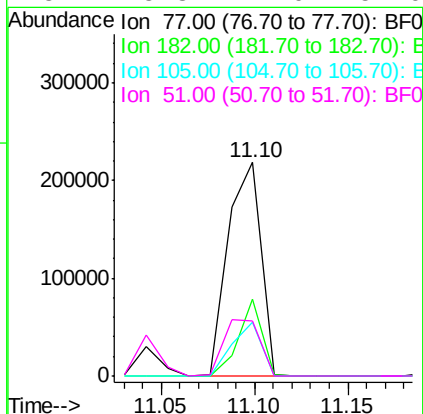
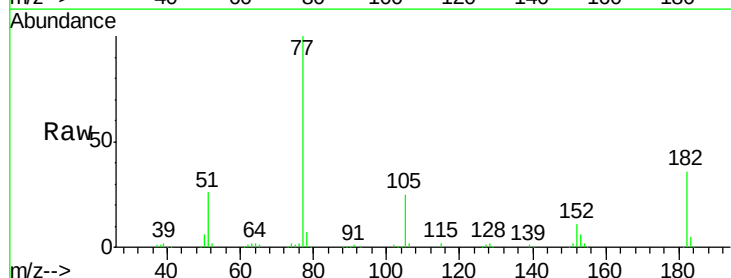
Instrument :
BNA_F
ClientSampleId :
PB84099BS

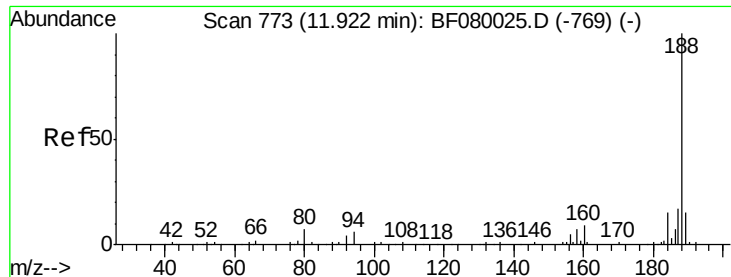
Tgt Ion:138 Resp: 61958
Ion Ratio Lower Upper
138 100
92 56.5 12.6 52.6#
108 73.8 12.4 52.4#



#62
Azobenzene
Concen: 40.18 ng
RT: 11.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion: 77 Resp: 271241
Ion Ratio Lower Upper
77 100
182 36.0 15.1 55.1
105 24.9 3.4 43.4
51 25.8 12.0 52.0

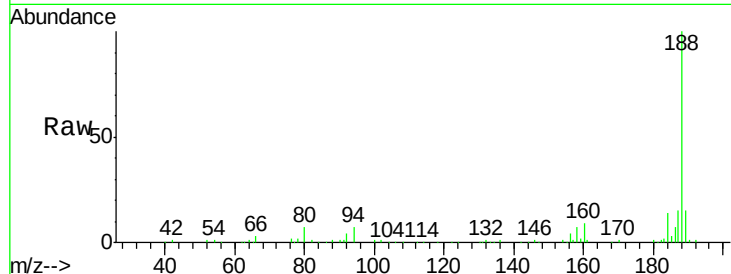




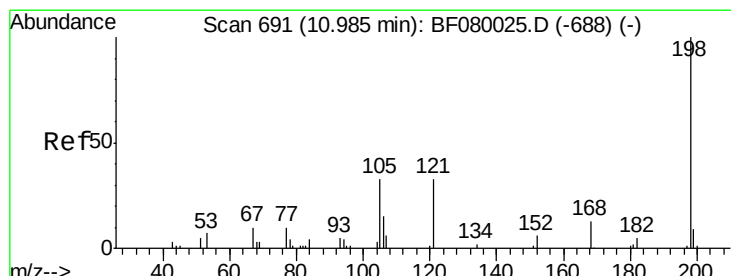
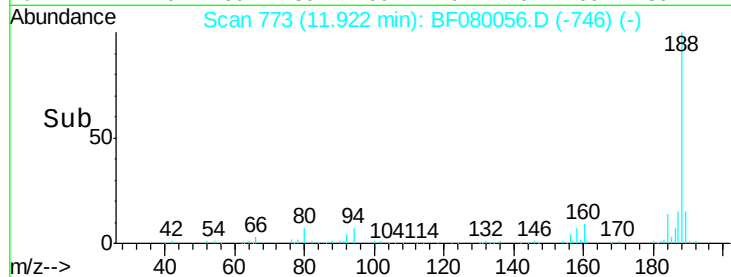
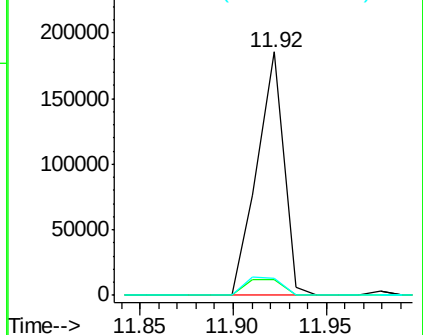
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.92 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	11.1	16.7#
80	7.1	11.0	16.4#

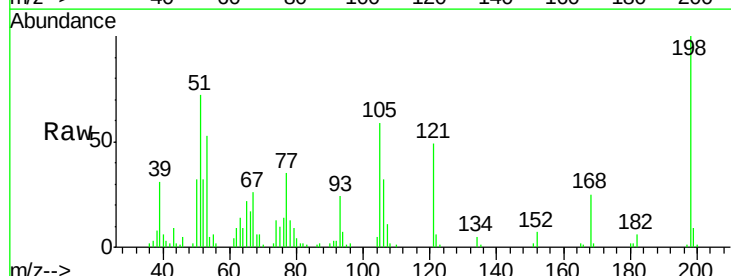


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

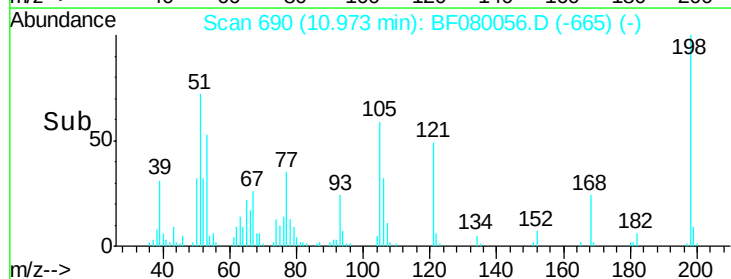
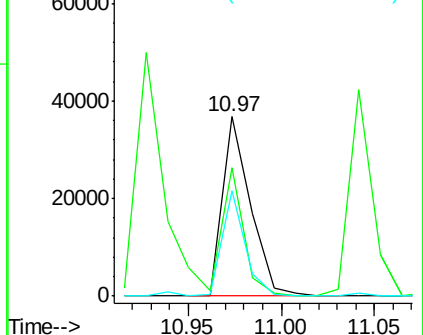


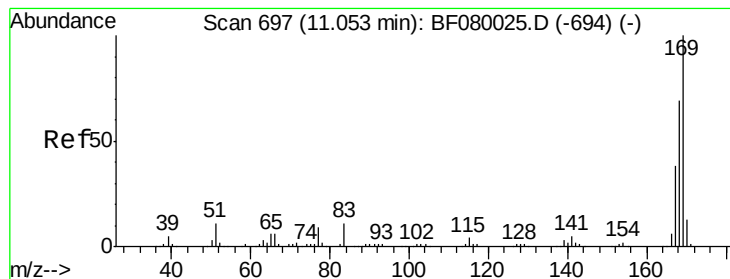
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.83 ng
 RT: 10.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Lower	Upper
198	100		
51	71.8	39.6	79.6
105	58.9	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

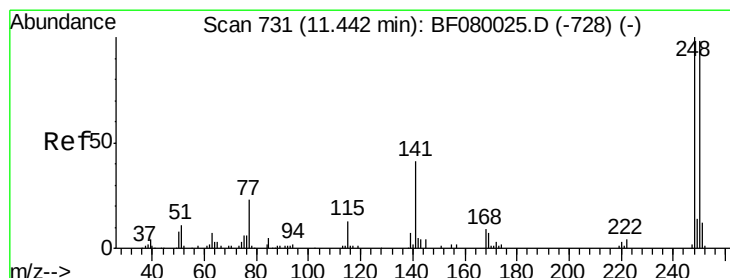
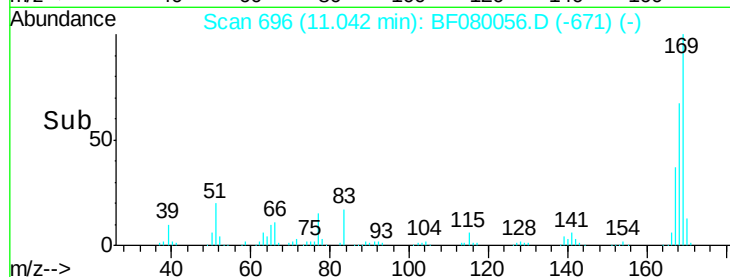
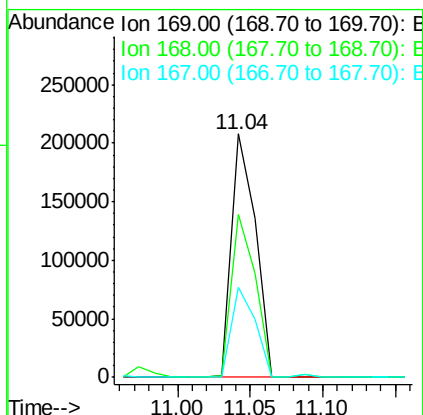
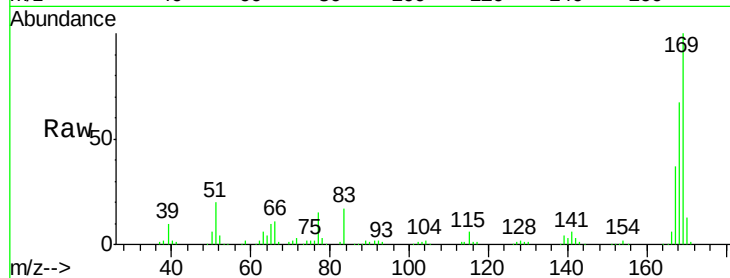




#65
 n-Nitrosodiphenylamine
 Concen: 39.71 ng
 RT: 11.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

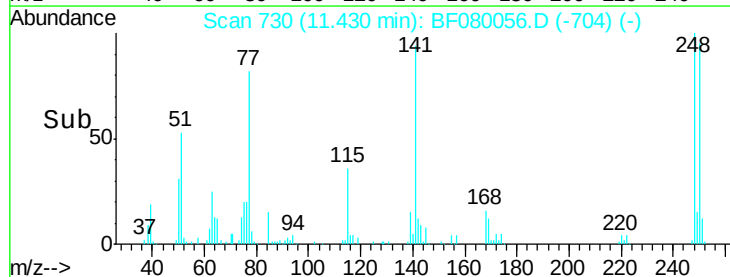
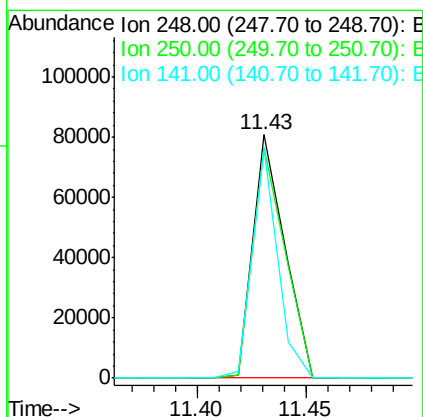
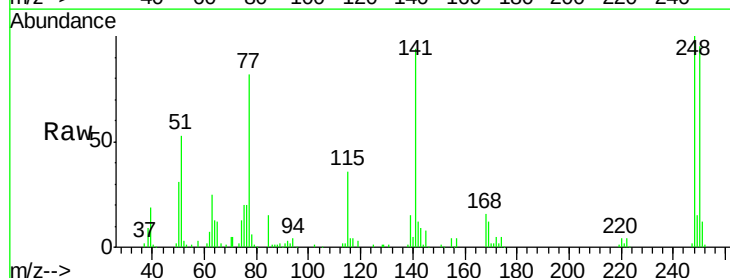
Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

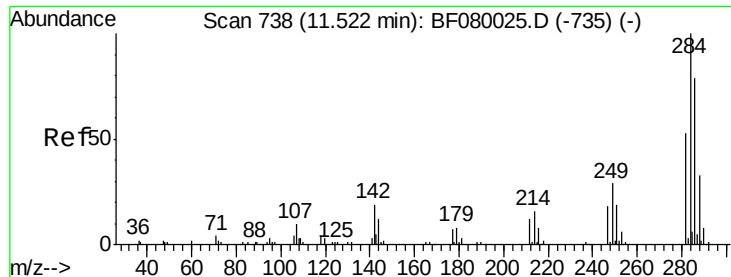
Tgt Ion:169 Resp: 238398
 Ion Ratio Lower Upper
 169 100
 168 67.1 48.9 73.3
 167 36.9 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 41.85 ng
 RT: 11.43 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion:248 Resp: 82035
 Ion Ratio Lower Upper
 248 100
 250 94.8 78.5 117.7
 141 94.0 59.0 88.6#





#67

Hexachlorobenzene

Concen: 40.25 ng

RT: 11.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

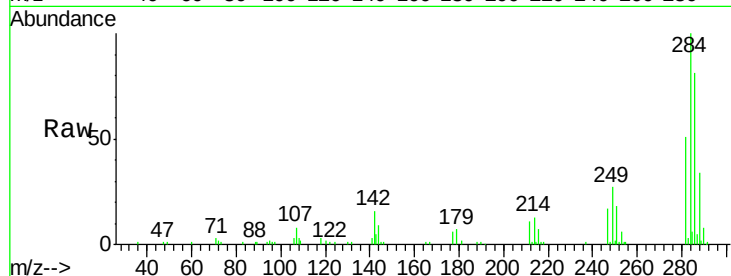
Tgt Ion:284 Resp: 87695

Ion Ratio Lower Upper

284 100

142 15.6 29.5 44.3#

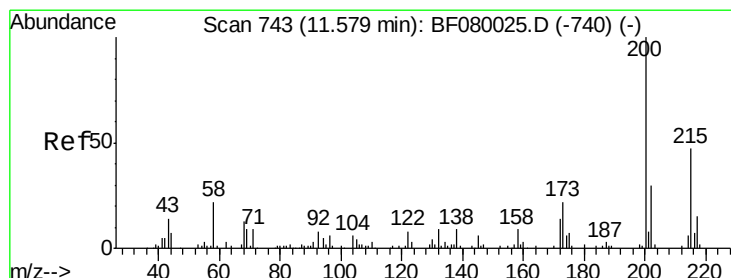
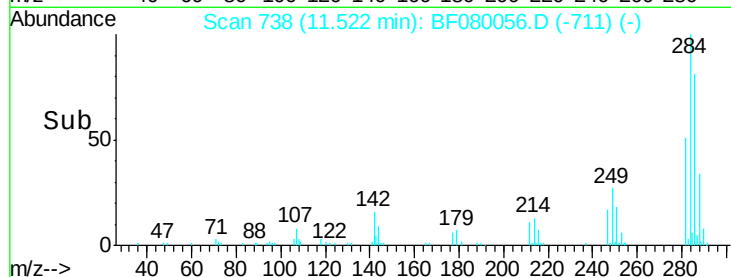
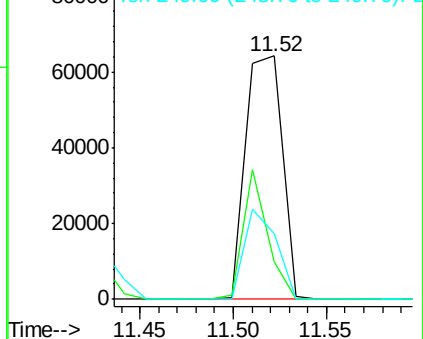
249 26.9 19.5 29.3



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: 38.39 ng

RT: 11.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

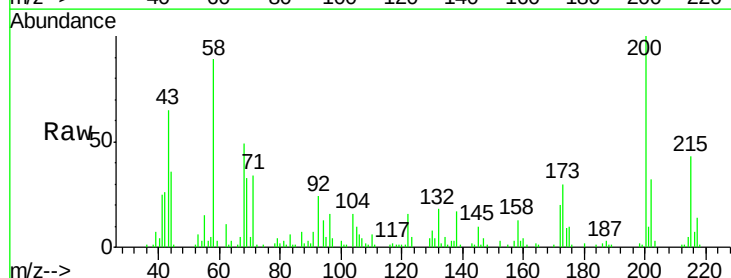
Tgt Ion:200 Resp: 72805

Ion Ratio Lower Upper

200 100

173 29.7 13.2 53.2

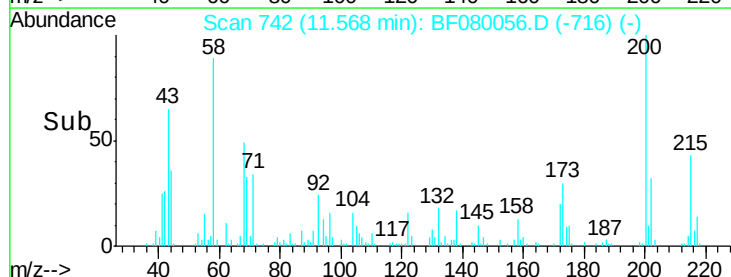
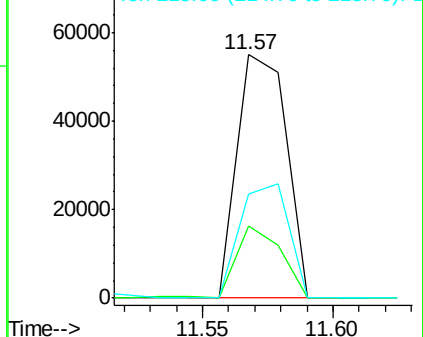
215 42.8 41.8 81.8

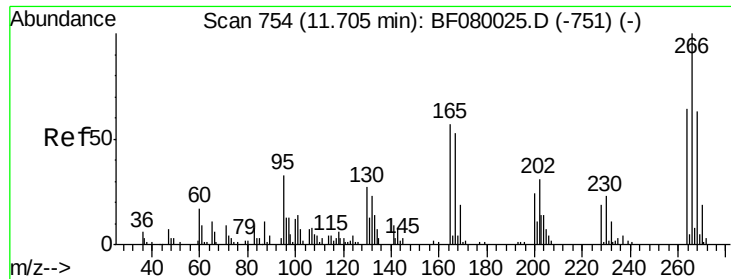


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

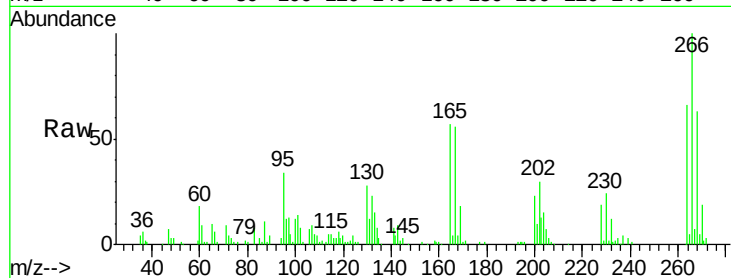




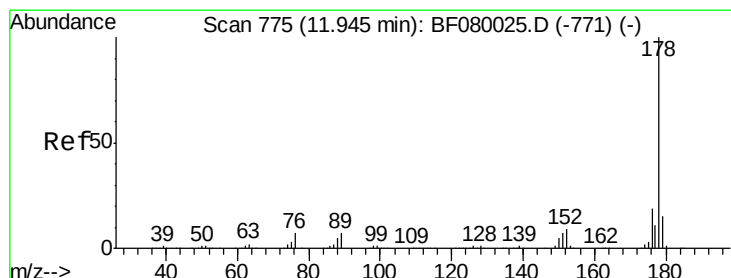
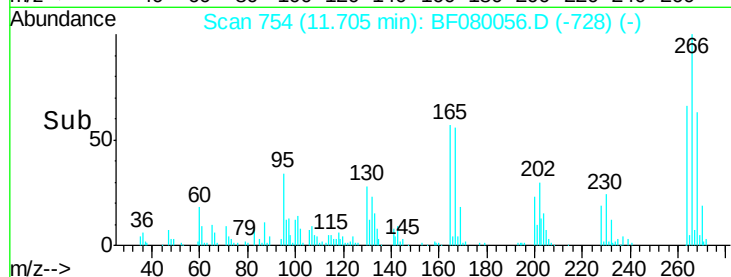
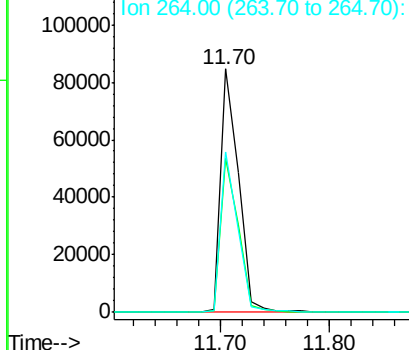
#69
 Pentachlorophenol
 Concen: 78.58 ng
 RT: 11.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion:266 Resp: 97007
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.8 74.6
 264 65.7 50.2 75.2

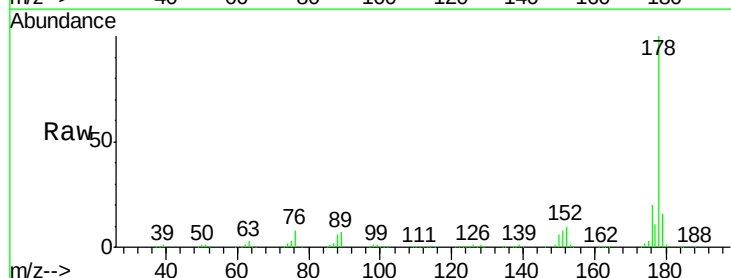


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

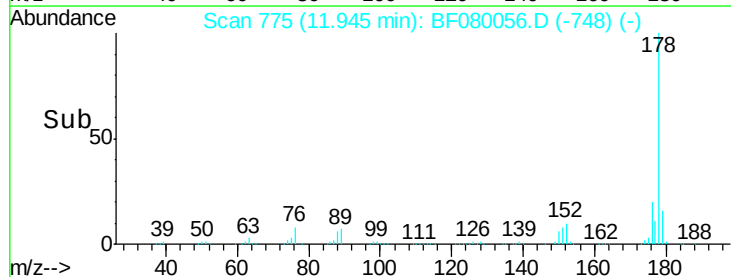
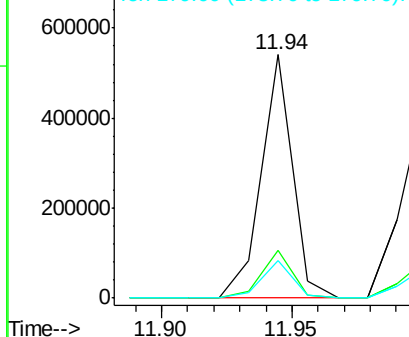


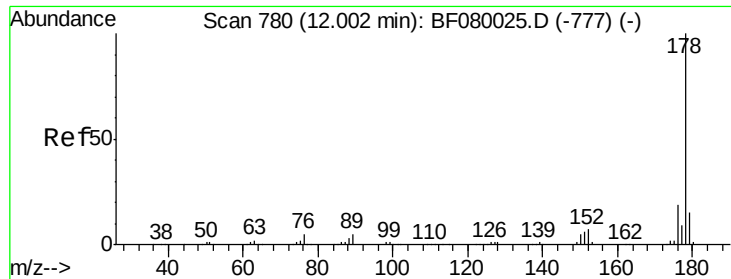
#70
 Phenanthrene
 Concen: 40.79 ng
 RT: 11.94 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion:178 Resp: 455259
 Ion Ratio Lower Upper
 178 100
 176 19.9 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

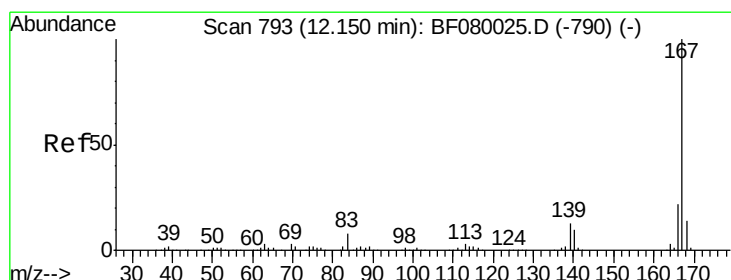
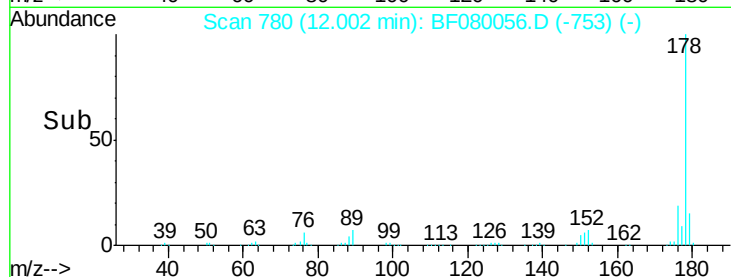
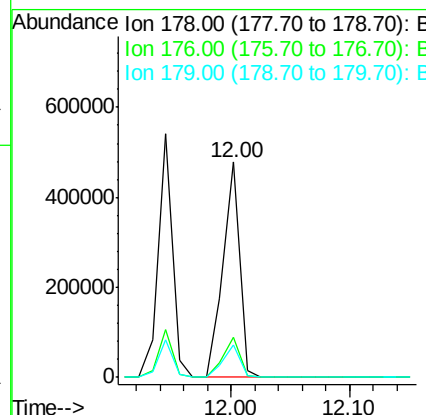
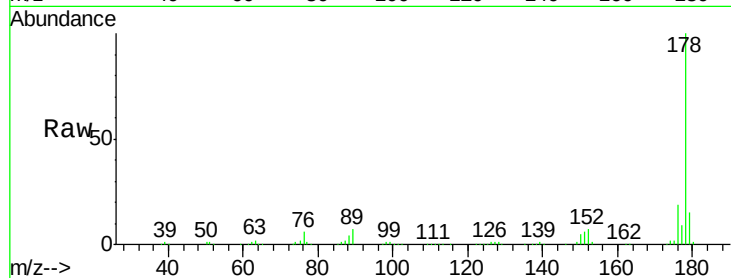




#71
 Anthracene
 Concen: 42.97 ng
 RT: 12.00 min Scan# 780
 Delta R.T. 0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

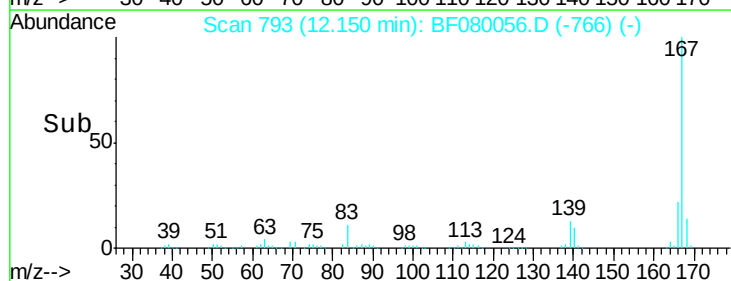
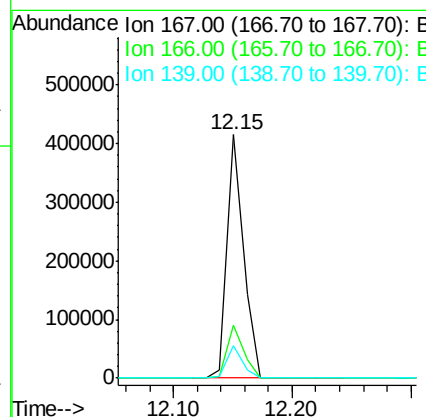
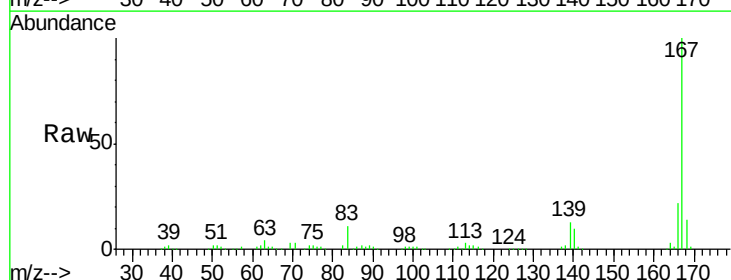
Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

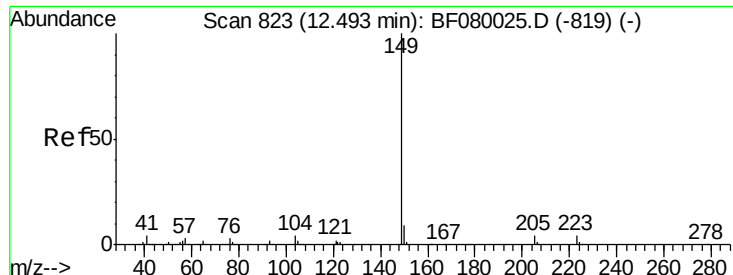
Tgt Ion:178 Resp: 461830
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.1 21.1
 179 15.1 12.2 18.2



#72
 Carbazole
 Concen: 38.50 ng
 RT: 12.15 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion:167 Resp: 395038
 Ion Ratio Lower Upper
 167 100
 166 21.8 15.7 23.5
 139 13.4 9.5 14.3





#73

Di-n-butylphthalate

Concen: 40.65 ng

RT: 12.49 min Scan# 823

Delta R.T. 0.03 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

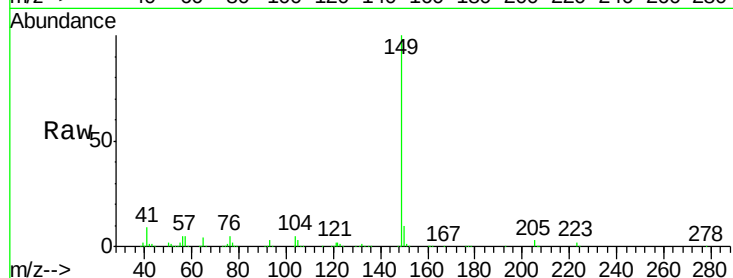
Tgt Ion:149 Resp: 481937

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

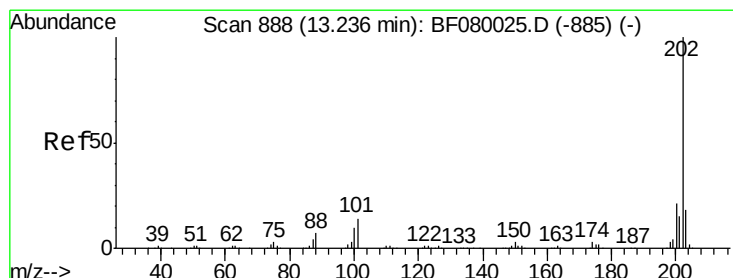
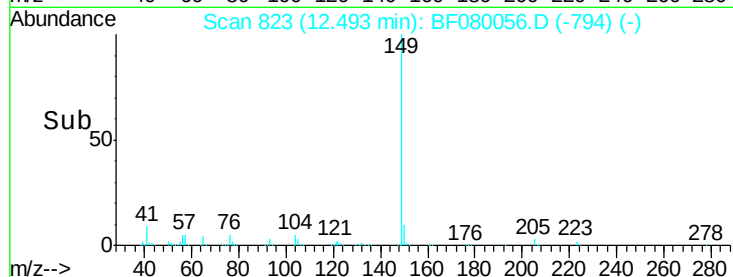
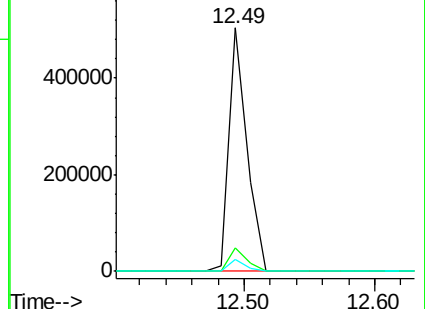
104 5.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.37 ng

RT: 13.26 min Scan# 890

Delta R.T. 0.07 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

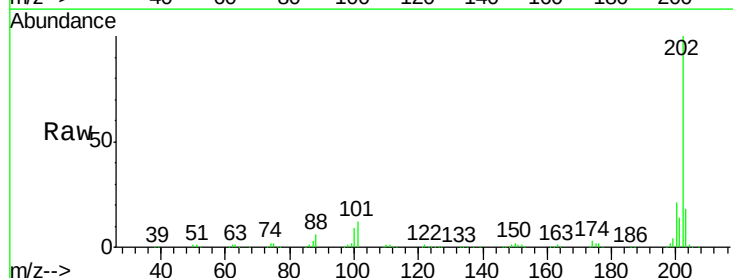
Tgt Ion:202 Resp: 479834

Ion Ratio Lower Upper

202 100

101 11.7 0.0 38.3

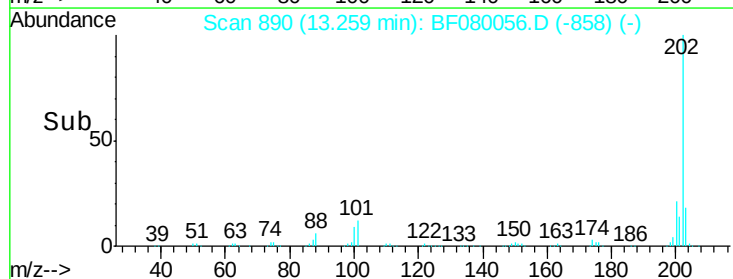
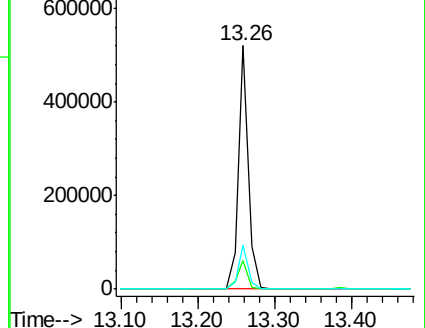
203 18.1 0.0 37.3

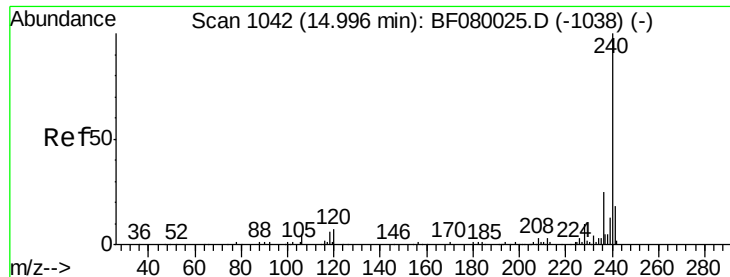


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1047

Delta R.T. 0.19 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

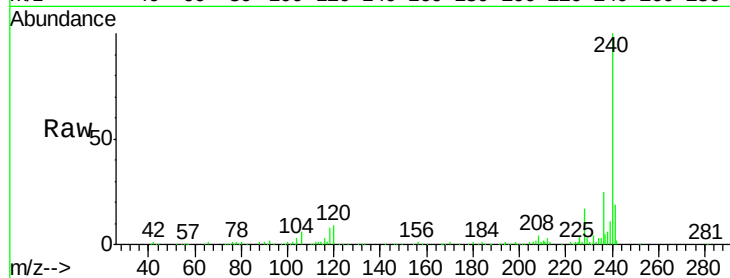
Tgt Ion:240 Resp: 210976

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

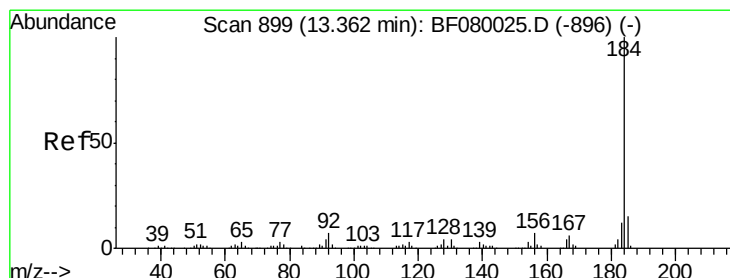
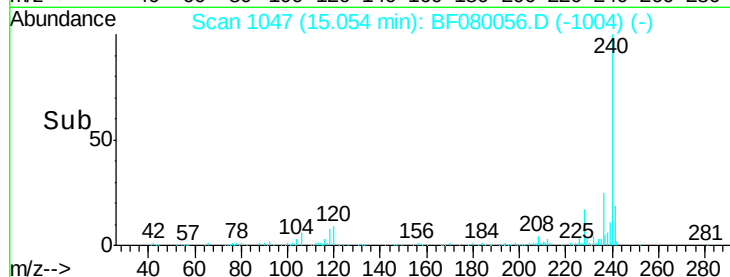
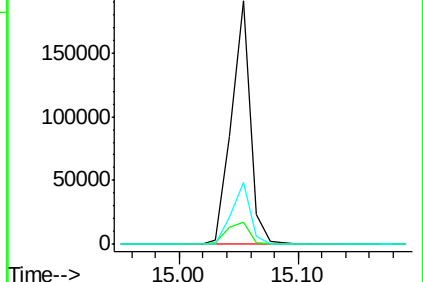
236 25.5 18.4 27.6



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: 49.18 ng

RT: 13.38 min Scan# 901

Delta R.T. 0.08 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

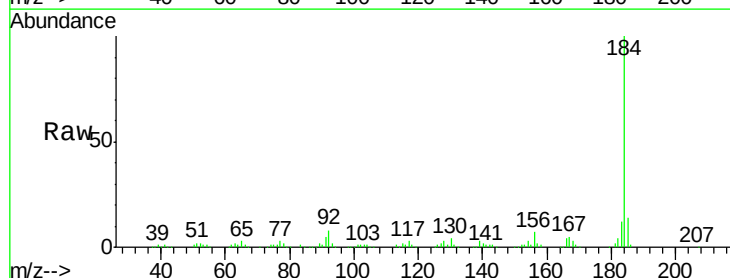
Tgt Ion:184 Resp: 290044

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

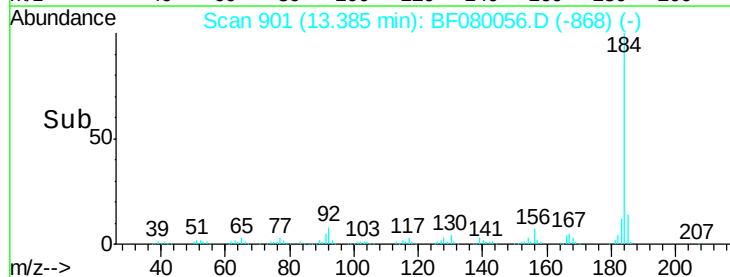
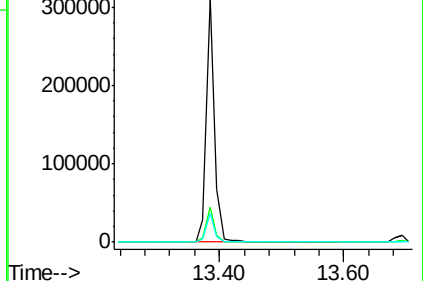
183 11.5 7.6 11.4#

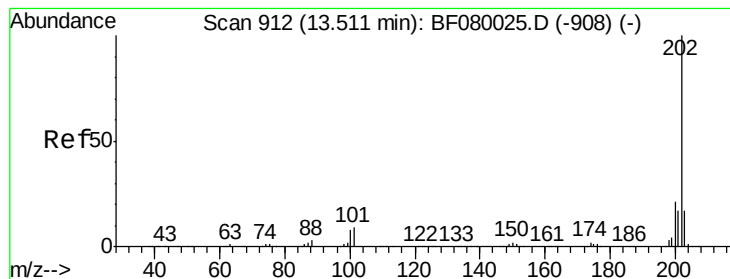


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.05 ng

RT: 13.53 min Scan# 914

Delta R.T. 0.09 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

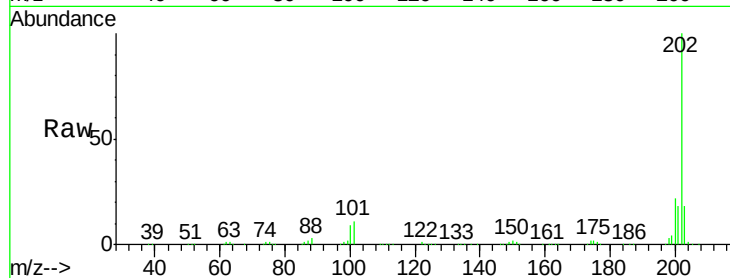
Tgt Ion:202 Resp: 520243

Ion Ratio Lower Upper

202 100

200 21.5 15.0 22.4

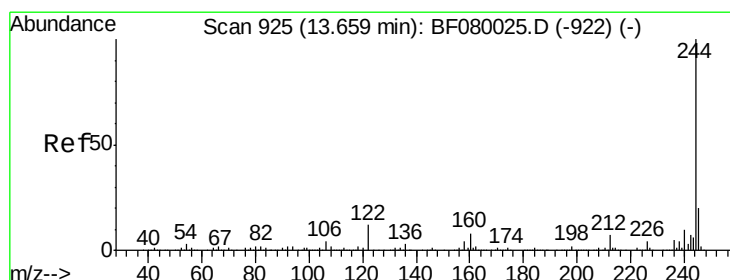
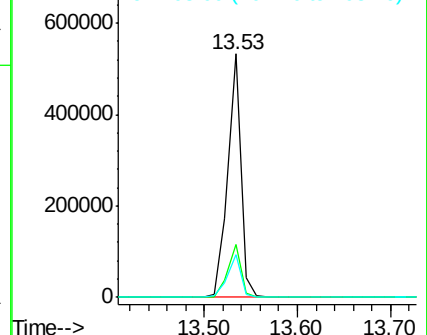
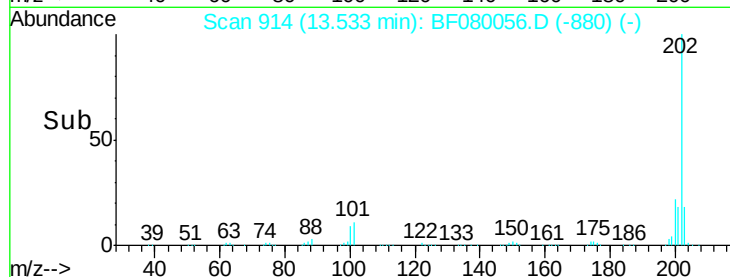
203 17.7 14.1 21.1



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: 80.43 ng

RT: 13.69 min Scan# 928

Delta R.T. 0.10 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

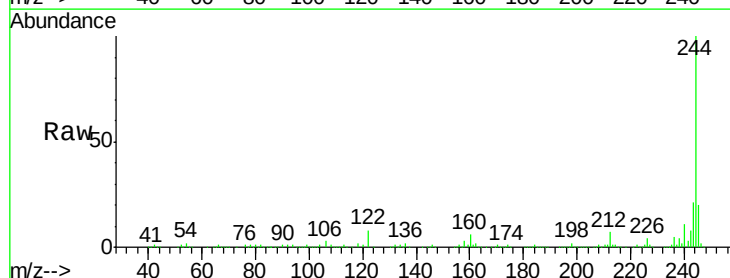
Tgt Ion:244 Resp: 726605

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

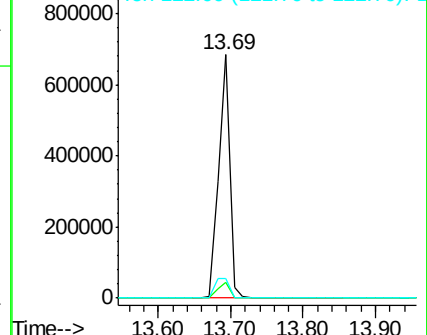
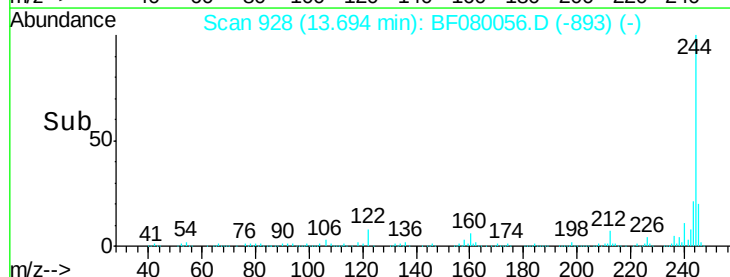
122 8.2 17.4 26.2#

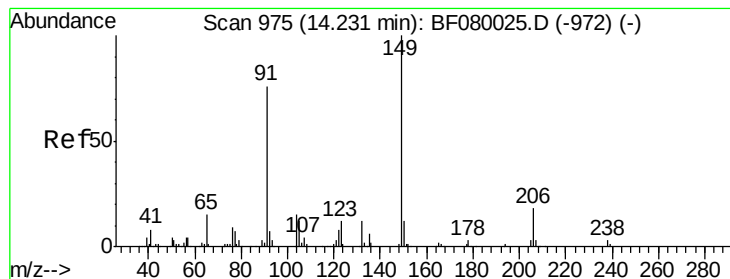


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.27 ng

RT: 14.28 min Scan# 979

Delta R.T. 0.14 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

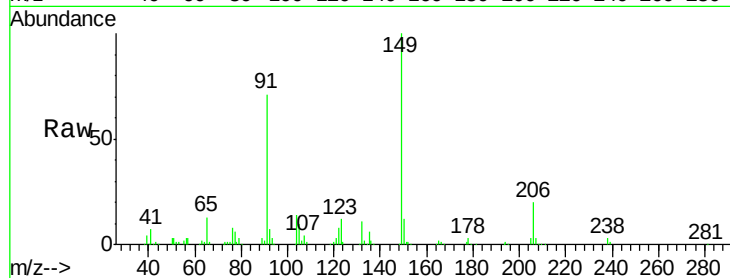
Tgt Ion:149 Resp: 220486

Ion Ratio Lower Upper

149 100

91 70.8 48.6 72.8

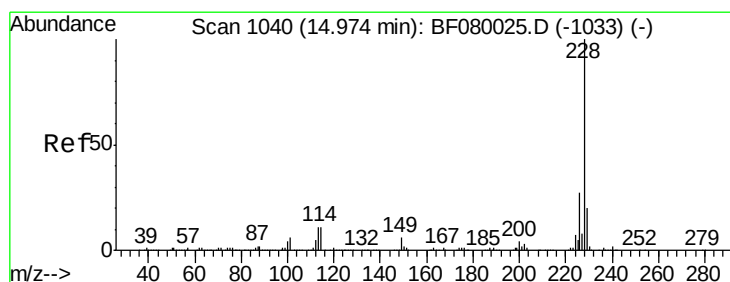
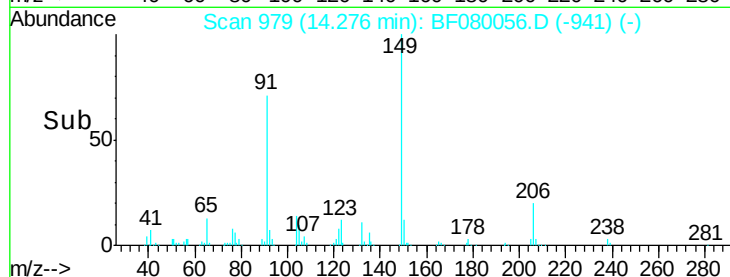
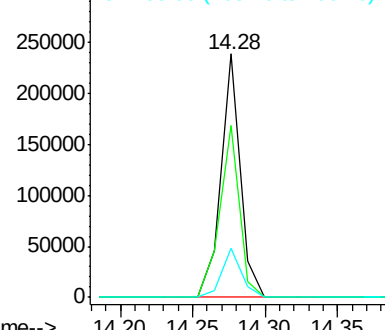
206 20.1 14.9 22.3



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: 38.90 ng

RT: 15.04 min Scan# 1046

Delta R.T. 0.19 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

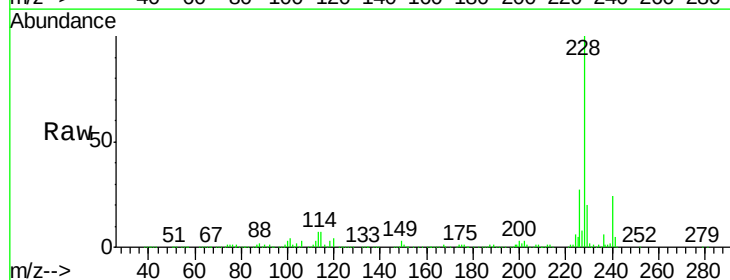
Tgt Ion:228 Resp: 499987

Ion Ratio Lower Upper

228 100

226 27.4 20.0 30.0

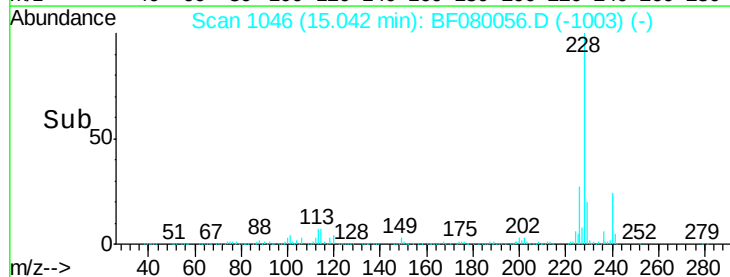
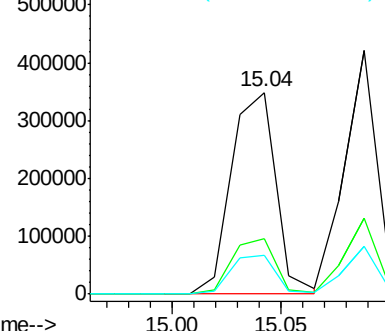
229 19.5 15.4 23.2

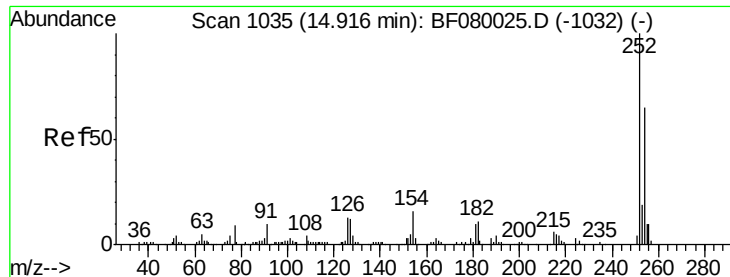


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 34.22 ng

RT: 14.99 min Scan# 1041

Delta R.T. 0.19 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

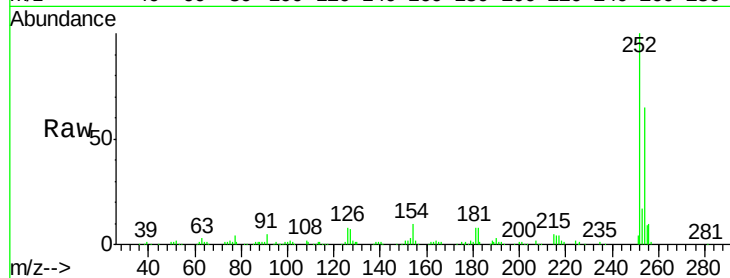
Tgt Ion:252 Resp: 151693

Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.2

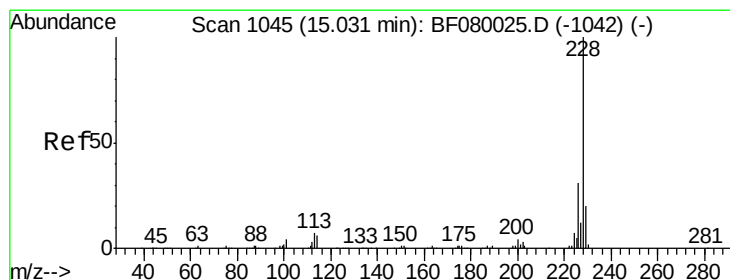
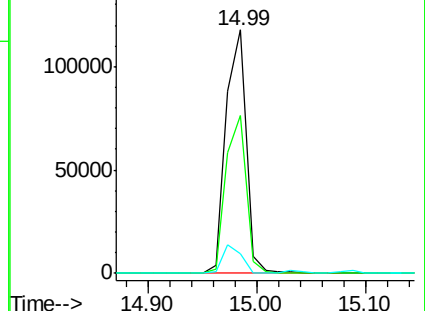
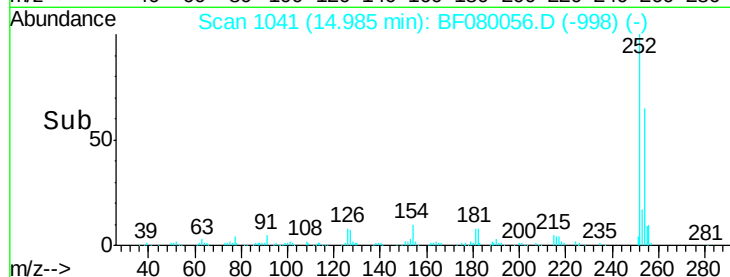
126 7.8 16.4 24.6#



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: 38.56 ng

RT: 15.09 min Scan# 1050

Delta R.T. 0.19 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

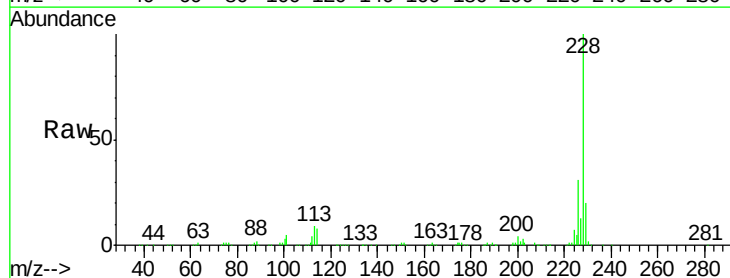
Tgt Ion:228 Resp: 457040

Ion Ratio Lower Upper

228 100

226 31.0 21.0 31.4

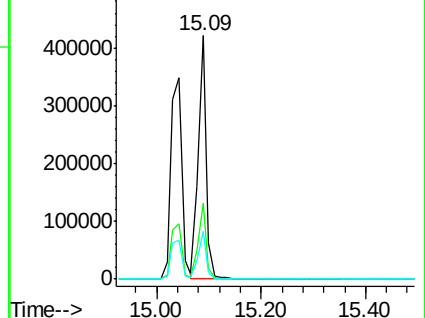
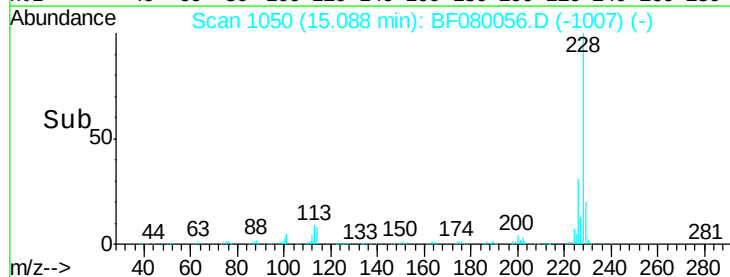
229 19.8 15.6 23.4

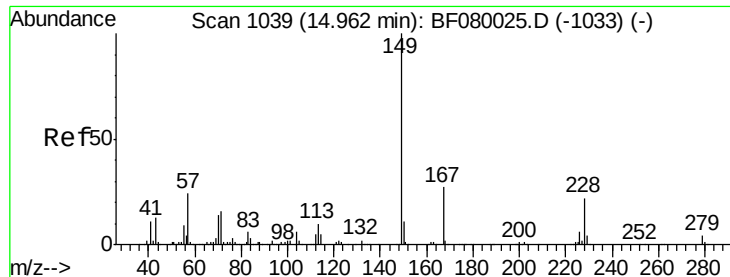


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.85 ng

RT: 15.02 min Scan# 1044

Delta R.T. 0.19 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

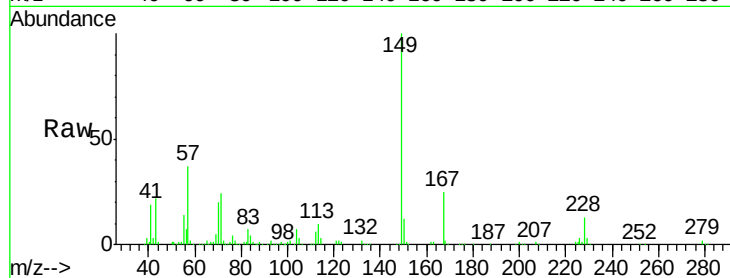
Tgt Ion:149 Resp: 328518

Ion Ratio Lower Upper

149 100

167 25.2 24.2 36.2

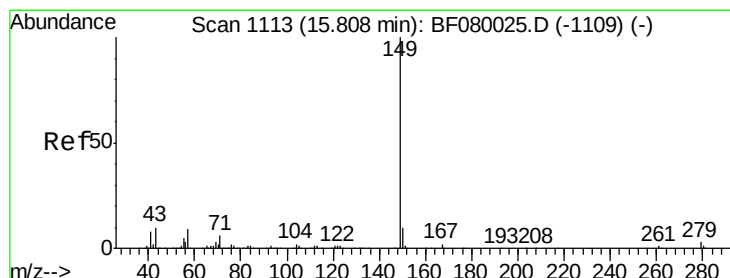
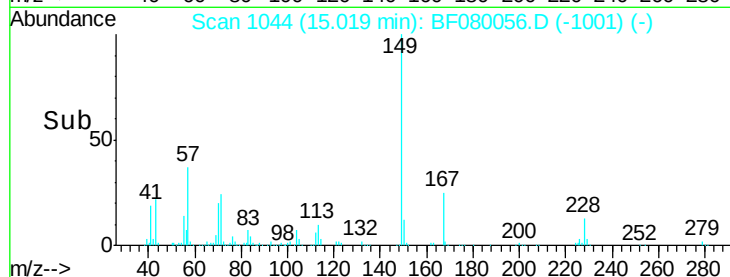
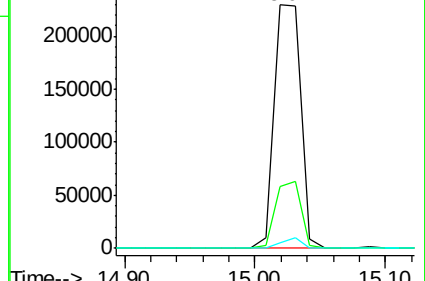
279 2.1 3.8 5.6#



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: 39.07 ng

RT: 15.90 min Scan# 1121

Delta R.T. 0.26 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

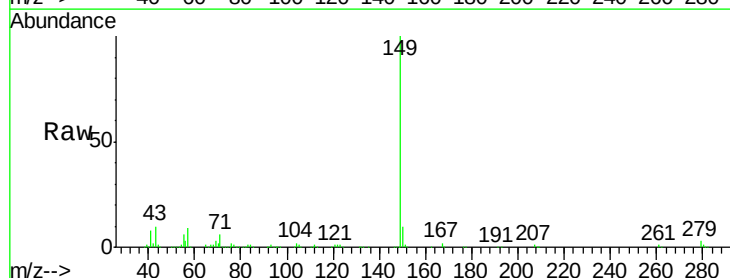
Tgt Ion:149 Resp: 551964

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

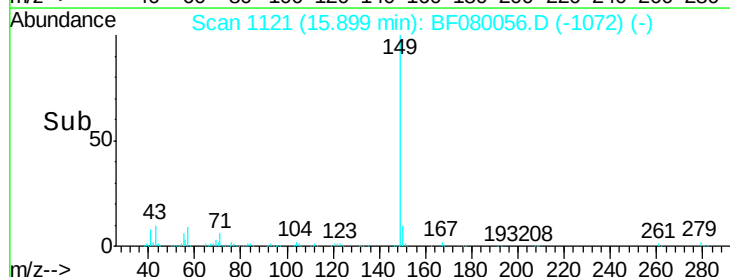
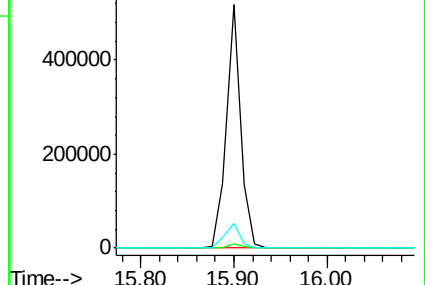
43 10.9 10.2 15.2

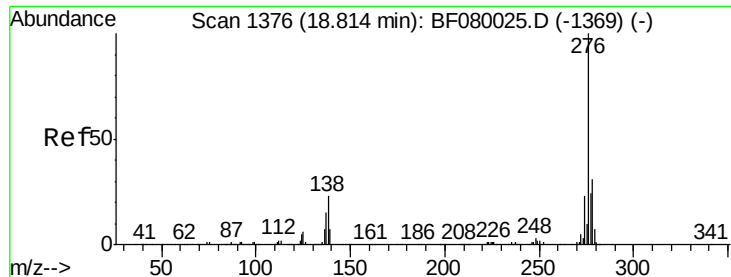


Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.56 ng

RT: 18.91 min Scan# 1384

Delta R.T. 0.29 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

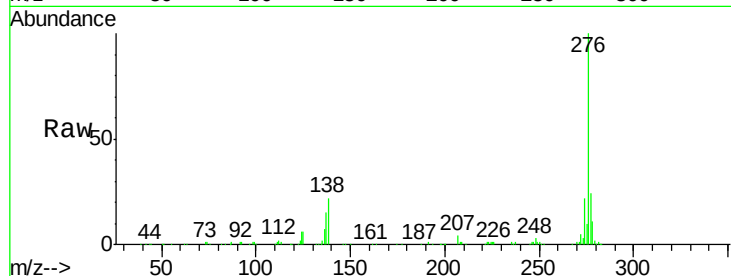
Tgt Ion:276 Resp: 531410

Ion Ratio Lower Upper

276 100

138 25.9 25.7 38.5

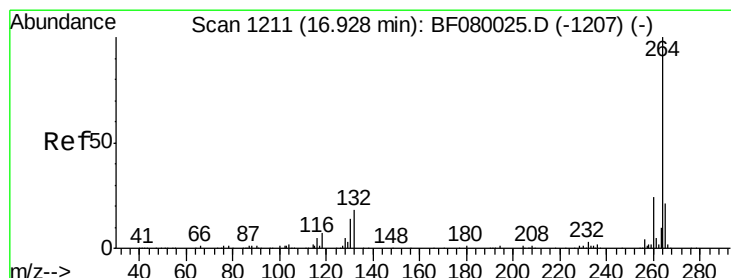
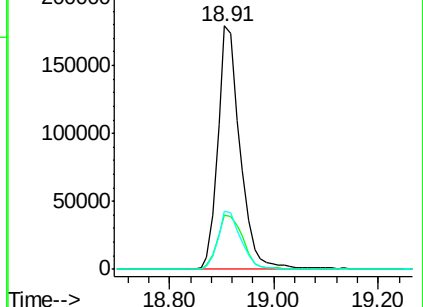
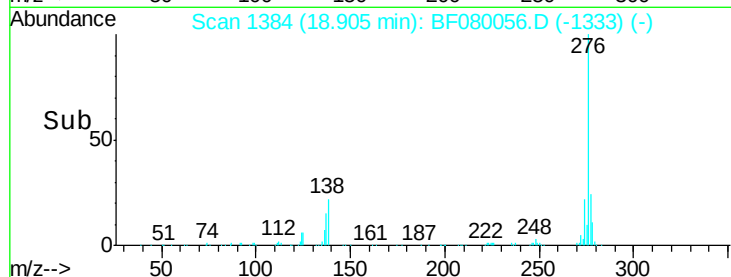
277 24.6 15.6 23.4#



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: 17.03 min Scan# 1220

Delta R.T. 0.29 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

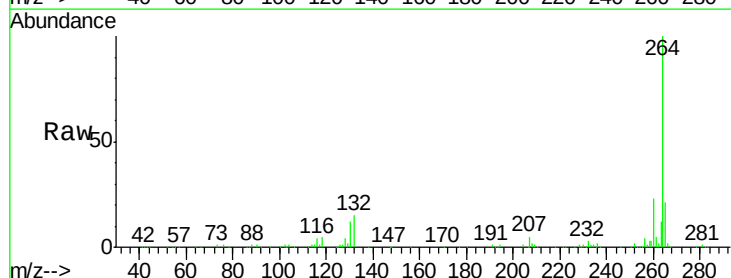
Tgt Ion:264 Resp: 201644

Ion Ratio Lower Upper

264 100

260 23.2 16.7 25.1

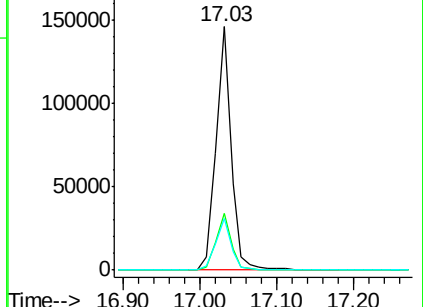
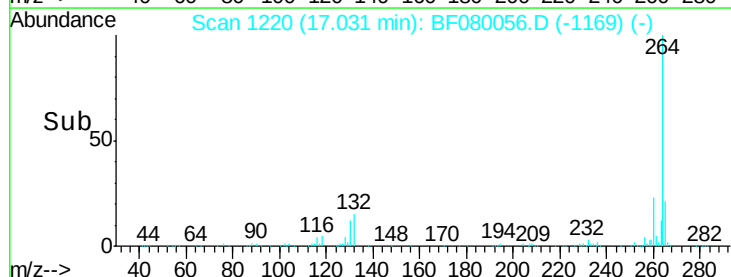
265 21.3 17.2 25.8

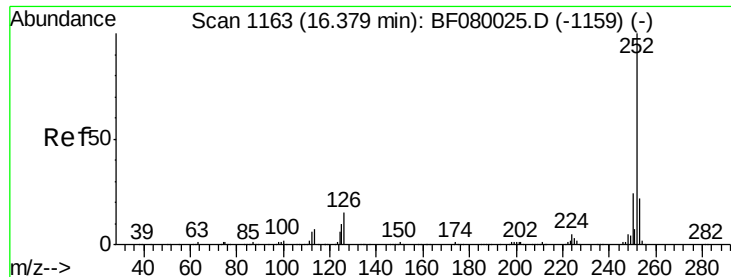


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.73 ng

RT: 16.48 min Scan# 1172

Delta R.T. 0.27 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

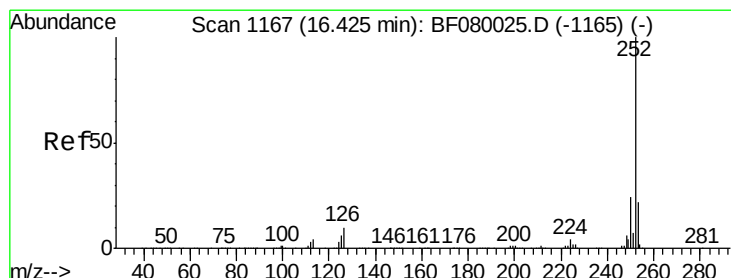
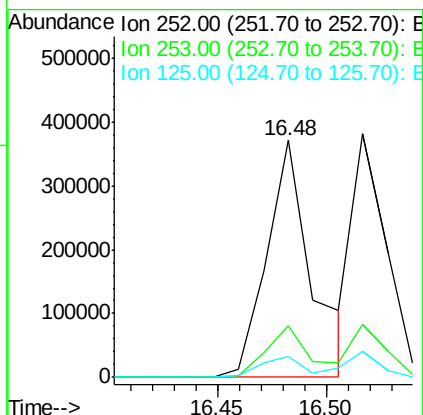
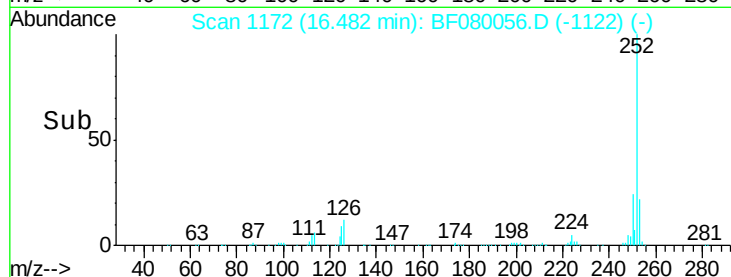
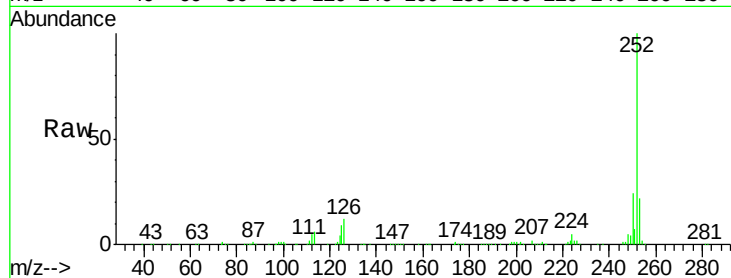
Tgt Ion:252 Resp: 533852

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.9 17.1 25.7#



#88

Benzo(k)fluoranthene

Concen: 34.33 ng

RT: 16.52 min Scan# 1175

Delta R.T. 0.27 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

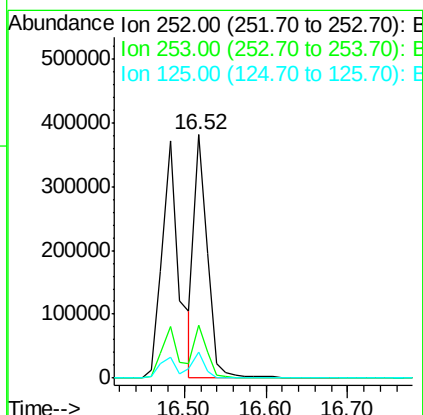
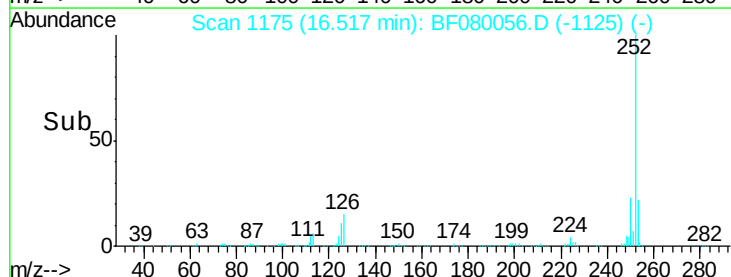
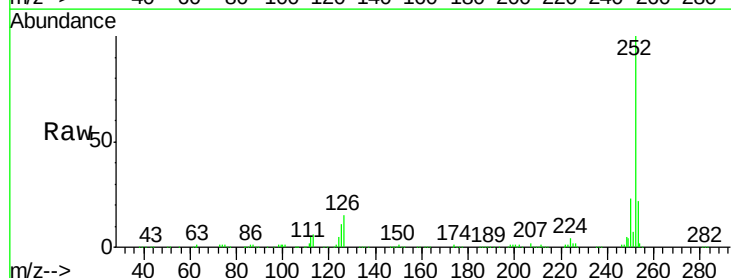
Tgt Ion:252 Resp: 426816

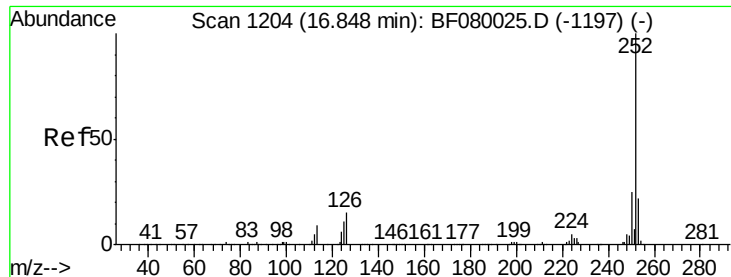
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 10.7 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 40.99 ng

RT: 16.95 min Scan# 1213

Delta R.T. 0.29 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

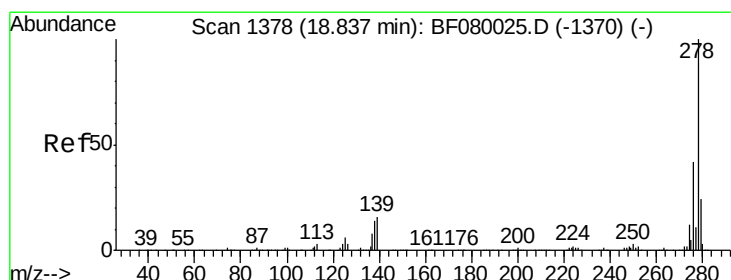
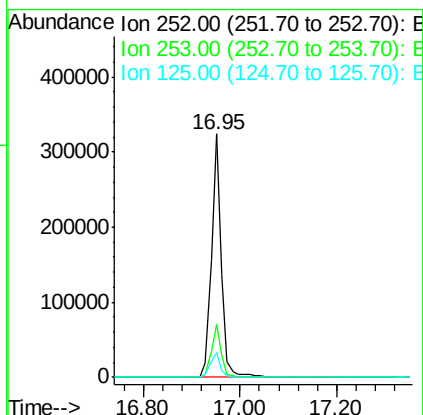
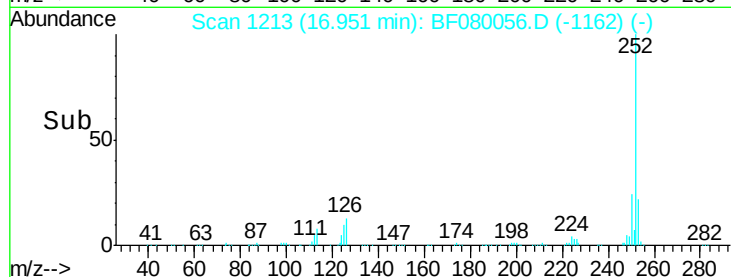
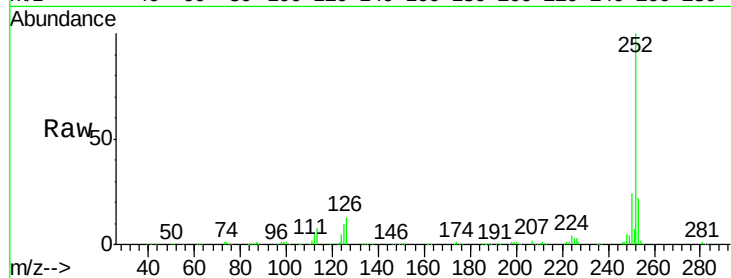
Tgt Ion:252 Resp: 475284

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 10.3 18.0 27.0#



#90

Dibenzo(a,h)anthracene

Concen: 38.06 ng

RT: 18.94 min Scan# 1387

Delta R.T. 0.30 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

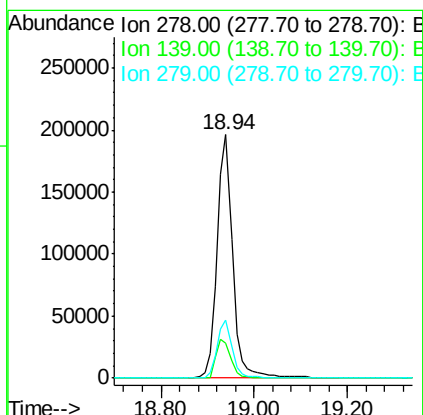
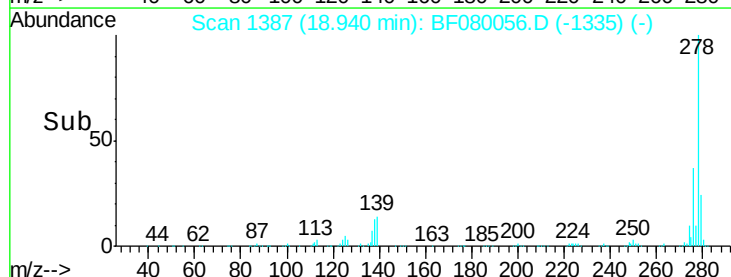
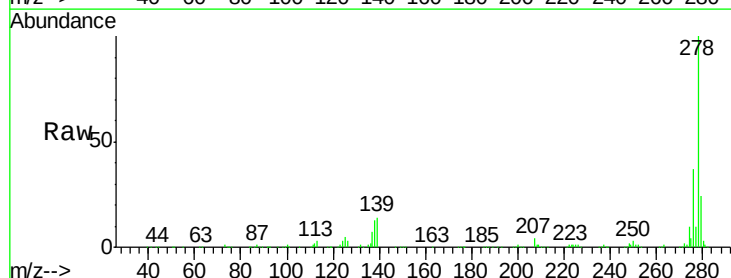
Tgt Ion:278 Resp: 451707

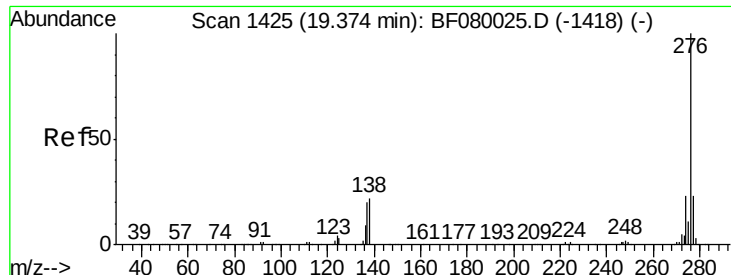
Ion Ratio Lower Upper

278 100

139 14.3 26.3 39.5#

279 23.6 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 37.86 ng

RT: 19.48 min Scan# 1434

Delta R.T. 0.30 min

Lab File: BF080056.D

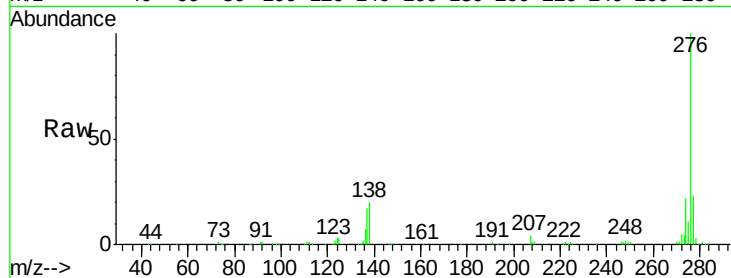
Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS



Tgt Ion:	276	Resp:	453605
Ion Ratio	Lower	Upper	
276	100		
277	22.8	17.8	26.6
138	20.3	34.6	51.8#

