

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080054.D
 Acq On : 19 Jun 2015 13:08
 Operator : TP/IZ
 Sample : PB84077BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

Quant Time: Jun 19 23:19:35 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	43249	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	171918	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	91797	20.00	ng	-0.01
63) Phenanthrene-d10	11.91	188	189198	20.00	ng	0.00
75) Chrysene-d12	15.01	240	210469	20.00	ng	0.15
86) Perylene-d12	16.95	264	199127	20.00	ng	0.21

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	348387	142.59	ng	0.00
7) Phenol-d6	6.94	99	456823	140.51	ng	0.00
23) Nitrobenzene-d5	7.89	82	270992	91.77	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	126317	140.72	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	538694	83.69	ng	0.00
78) Terphenyl-d14	13.67	244	705089	78.24	ng	0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	36934	31.80	ng	88
3) Pyridine	4.04	79	137656	44.57	ng	85
4) n-Nitrosodimethylamine	3.96	42	54153	36.90	ng	94
6) Aniline	6.98	93	122011	27.28	ng	93
8) 2-Chlorophenol	7.11	128	115800	41.01	ng	# 78
9) Benzaldehyde	6.88	77	70278	37.44	ng	# 87
10) Phenol	6.95	94	160205	45.15	ng	82
11) bis(2-Chloroethyl)ether	7.05	93	111916	39.76	ng	88
12) 1,3-Dichlorobenzene	7.28	146	127815	37.68	ng	98
13) 1,4-Dichlorobenzene	7.28	146	127815	39.62	ng	98
14) 1,2-Dichlorobenzene	7.51	146	128682	40.99	ng	98
15) Benzyl Alcohol	7.45	79	101887	38.33	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.60	45	193042	46.20	ng	86
17) 2-Methylphenol	7.57	107	94252	39.08	ng	# 90
18) Hexachloroethane	7.85	117	45349	42.22	ng	89
19) n-Nitroso-di-n-propylamine	7.73	70	90297	40.00	ng	# 76
20) 3+4-Methylphenols	7.72	107	133633	42.93	ng	93
22) Acetophenone	7.73	105	163050	40.70	ng	# 79
24) Nitrobenzene	7.91	77	129023	42.33	ng	# 75
25) Isophorone	8.14	82	225241	37.90	ng	# 81
26) 2-Nitrophenol	8.23	139	61442	48.16	ng	# 70
27) 2,4-Dimethylphenol	8.25	122	119570	44.95	ng	85
28) bis(2-Chloroethoxy)methane	8.34	93	146922	42.08	ng	# 91
29) 2,4-Dichlorophenol	8.47	162	109218	47.94	ng	99
30) 1,2,4-Trichlorobenzene	8.56	180	116326	44.96	ng	98
31) Naphthalene	8.64	128	351334	39.09	ng	98
32) Benzoic acid	8.31	122	52526	32.66	ng	# 54
33) 4-Chloroaniline	8.68	127	72616	18.88	ng	# 83
34) Hexachlorobutadiene	8.77	225	66259	41.59	ng	98
35) Caprolactam	9.02	113	31032	41.96	ng	90
36) 4-Chloro-3-methylphenol	9.16	107	101637	39.55	ng	96
37) 2-Methylnaphthalene	9.34	142	254885	43.84	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	118738	44.45	ng	99
40) Hexachlorocyclopentadiene	9.50	237	122701	88.54	ng	96

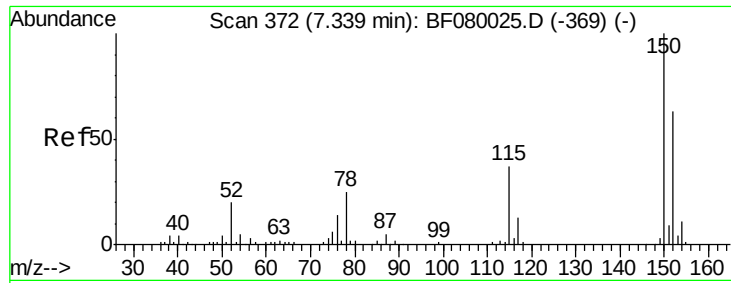
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	82068	45.15	ng	98
43) 2,4,5-Trichlorophenol	9.65	196	78725	37.59	ng #	86
45) 1,1'-Biphenyl	9.81	154	297973	39.90	ng	95
46) 2-Chloronaphthalene	9.83	162	229377	37.85	ng #	93
47) 2-Nitroaniline	9.91	65	65428	39.33	ng #	55
48) Acenaphthylene	10.25	152	386720	38.23	ng	97
49) Dimethylphthalate	10.09	163	281467	40.78	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	56405	40.77	ng #	39
51) Acenaphthene	10.42	154	246748	39.88	ng	93
52) 3-Nitroaniline	10.32	138	39317	24.63	ng #	44
53) 2,4-Dinitrophenol	10.44	184	56026	98.07	ng #	1
54) Dibenzofuran	10.60	168	332084	37.82	ng #	85
55) 4-Nitrophenol	10.47	139	111672	87.52	ng #	59
56) 2,4-Dinitrotoluene	10.56	165	84459	48.11	ng #	87
57) Fluorene	10.95	166	283976	40.76	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	69539	39.33	ng	97
59) Diethylphthalate	10.79	149	270772	38.96	ng	95
60) 4-Chlorophenyl-phenylether	10.93	204	128140	38.27	ng #	81
61) 4-Nitroaniline	10.94	138	62854	38.12	ng #	49
62) Azobenzene	11.09	77	262409	37.10	ng #	84
64) 4,6-Dinitro-2-methylphenol	10.97	198	35722	40.07	ng	89
65) n-Nitrosodiphenylamine	11.04	169	237011	38.47	ng	92
66) 4-Bromophenyl-phenylether	11.43	248	84084	41.80	ng	95
67) Hexachlorobenzene	11.51	284	84953	38.00	ng #	83
68) Atrazine	11.57	200	73842	37.94	ng	82
69) Pentachlorophenol	11.70	266	100468	79.30	ng	99
70) Phenanthrene	11.94	178	412003	35.97	ng	97
71) Anthracene	11.99	178	419208	38.01	ng	97
72) Carbazole	12.15	167	392937	37.32	ng	97
73) Di-n-butylphthalate	12.49	149	458468	37.69	ng #	99
74) Fluoranthene	13.25	202	469373	38.48	ng	89
76) Benzidine	13.37	184	274685	46.69	ng	98
77) Pyrene	13.51	202	474390	36.61	ng	97
79) Butylbenzylphthalate	14.24	149	199002	38.24	ng #	81
80) Benzo(a)anthracene	15.00	228	469670	36.63	ng	97
81) 3,3'-Dichlorobenzidine	14.94	252	139846	31.62	ng #	93
82) Chrysene	15.04	228	434943	36.79	ng	94
83) Bis(2-ethylhexyl)phthalate	14.97	149	309351	37.61	ng #	90
84) Di-n-octyl phthalate	15.83	149	507442	36.01	ng	96
85) Indeno(1,2,3-cd)pyrene	18.83	276	499108	33.48	ng #	89
87) Benzo(b)fluoranthene	16.40	252	446718	37.05	ng #	89
88) Benzo(k)fluoranthene	16.45	252	455323	37.09	ng #	86
89) Benzo(a)pyrene	16.87	252	443919	38.77	ng #	88
90) Dibenzo(a,h)anthracene	18.85	278	426409	36.39	ng #	81
91) Benzo(g,h,i)perylene	19.39	276	424815	35.90	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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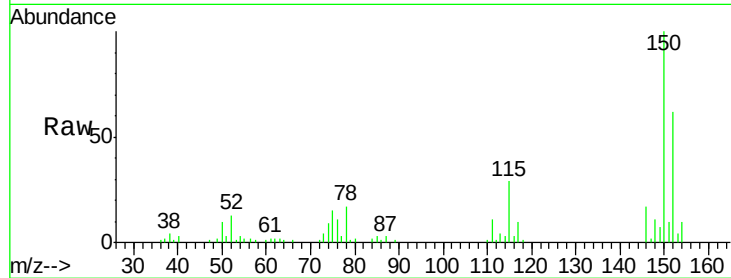
Tgt Ion:152 Resp: 43249

Ion Ratio Lower Upper

152 100

150 162.3 124.7 187.1

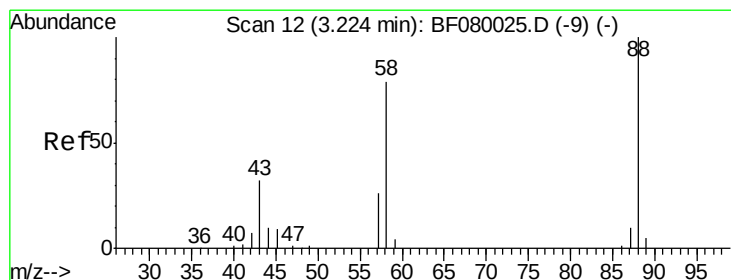
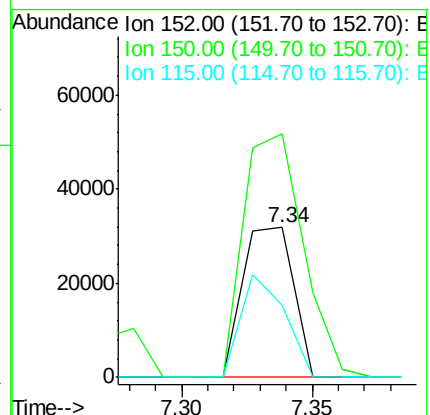
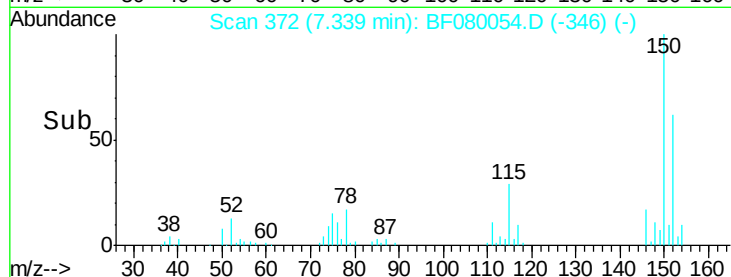
115 47.8 39.0 58.4



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: 31.80 ng

RT: 3.24 min Scan# 13

Delta R.T. 0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

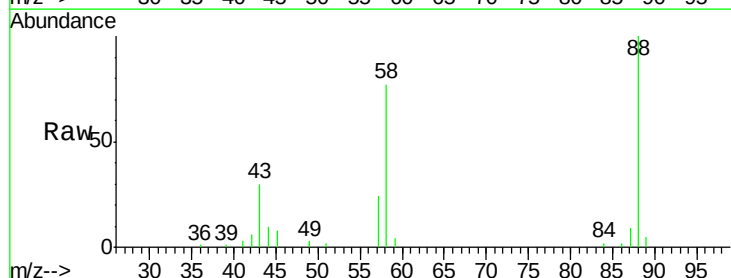
Tgt Ion: 88 Resp: 36934

Ion Ratio Lower Upper

88 100

58 82.0 77.7 116.5

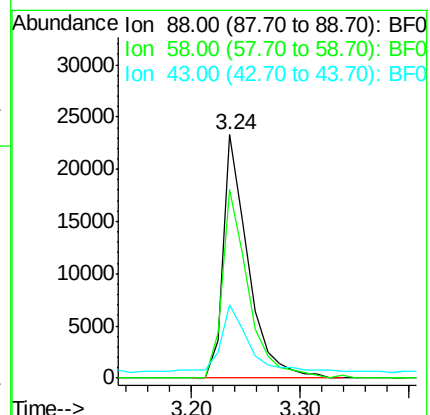
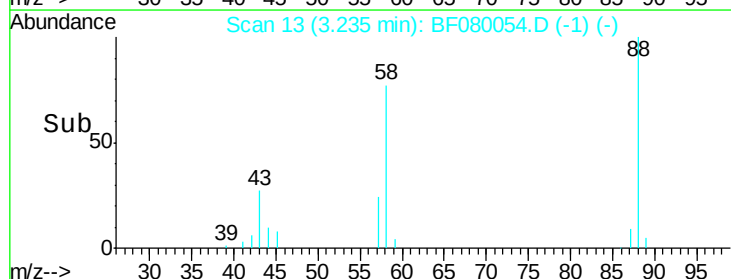
43 32.6 26.6 40.0

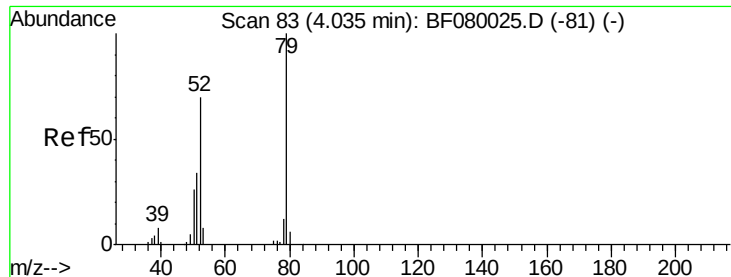


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.57 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

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ClientSampleId :

PB84077BS

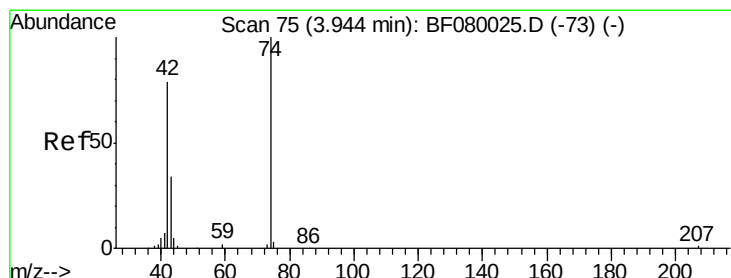
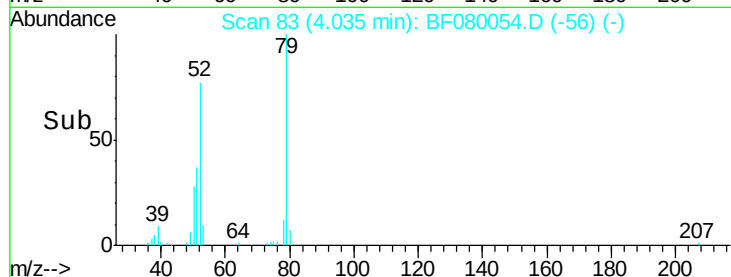
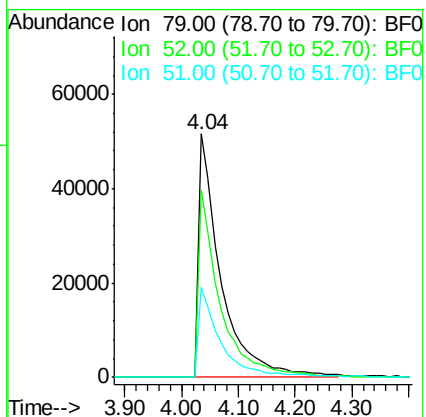
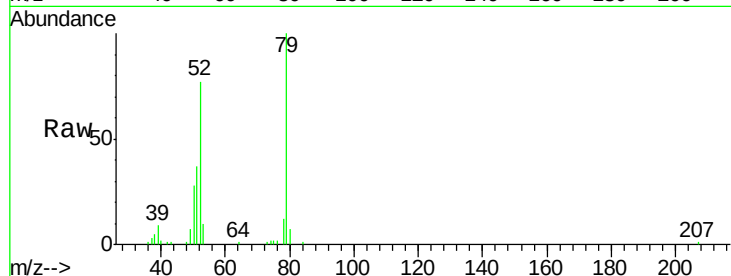
Tgt Ion: 79 Resp: 137656

Ion Ratio Lower Upper

79 100

52 77.2 76.8 115.2

51 37.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 36.90 ng

RT: 3.96 min Scan# 76

Delta R.T. 0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

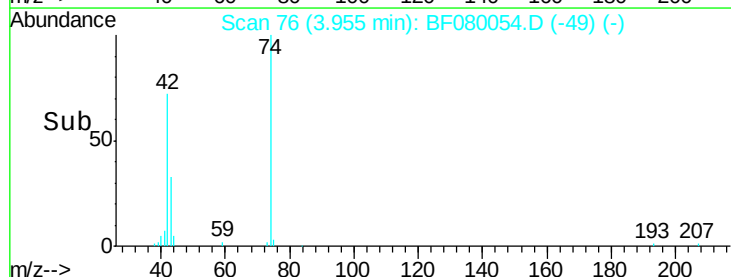
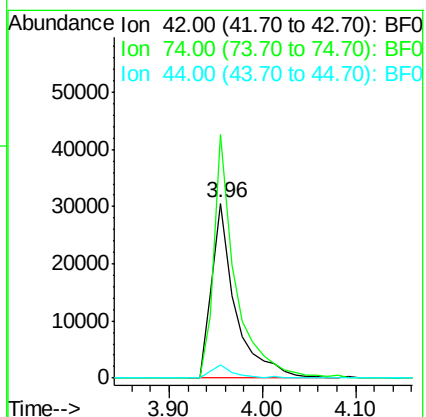
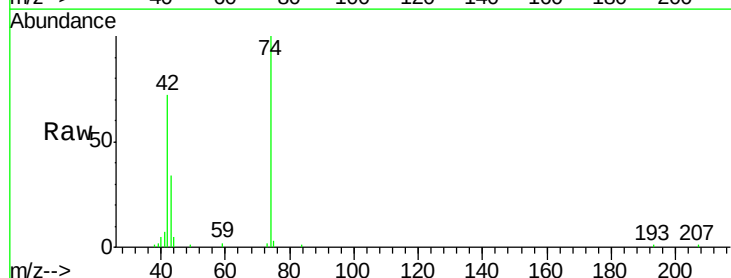
Tgt Ion: 42 Resp: 54153

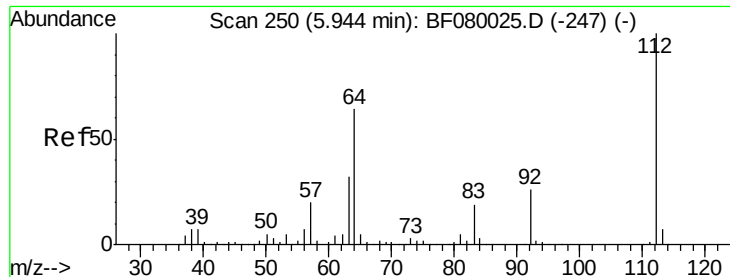
Ion Ratio Lower Upper

42 100

74 139.2 105.0 157.6

44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 142.59 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

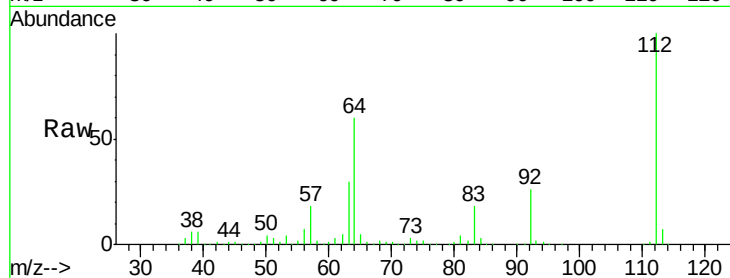
Tgt Ion: 112 Resp: 348387

Ion Ratio Lower Upper

112 100

64 59.7 39.7 59.5#

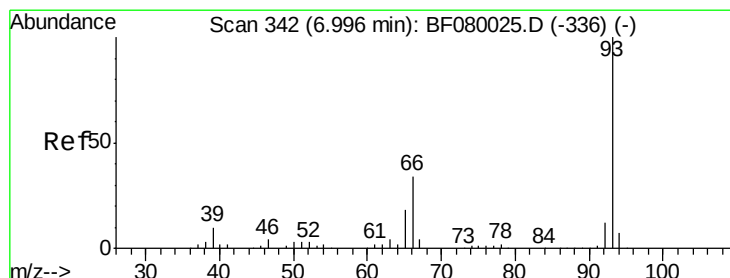
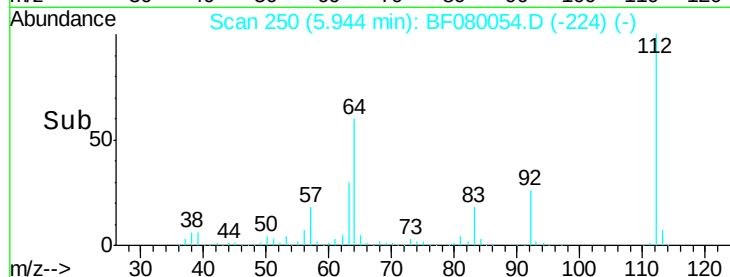
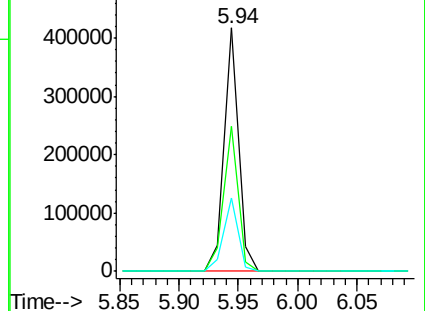
63 30.0 17.4 26.0#



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: 27.28 ng

RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

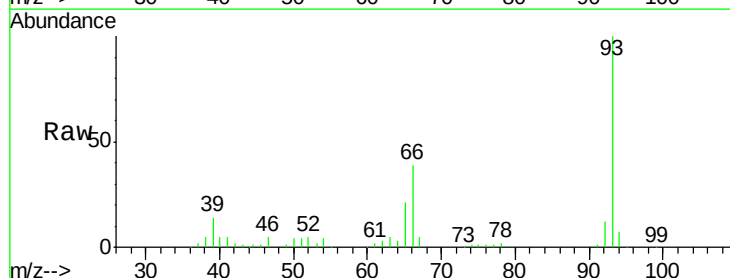
Tgt Ion: 93 Resp: 122011

Ion Ratio Lower Upper

93 100

66 38.9 27.2 40.8

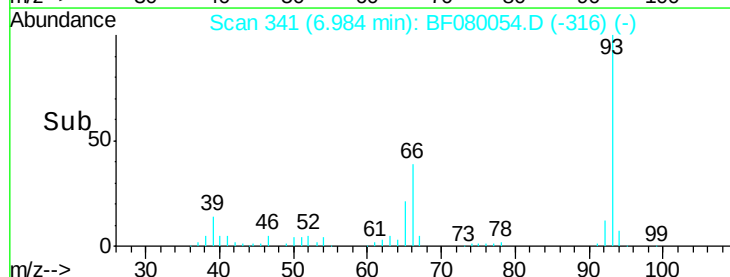
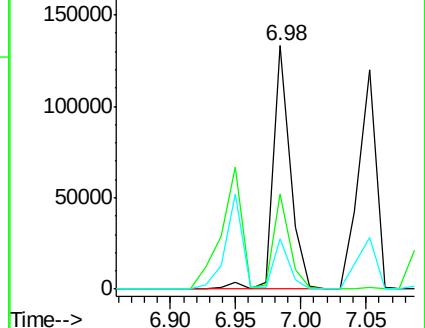
65 20.5 14.7 22.1

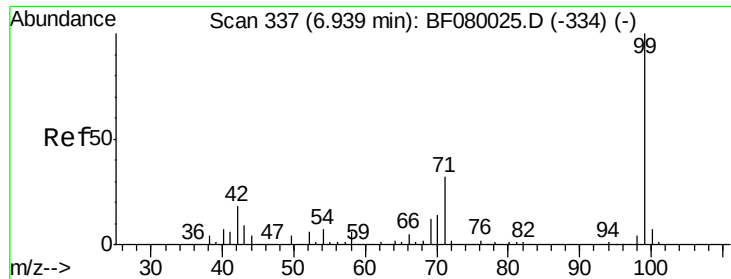


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 140.51 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.00 min

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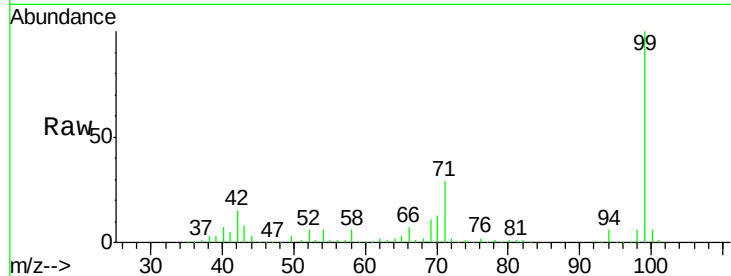
Tgt Ion: 99 Resp: 456823

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

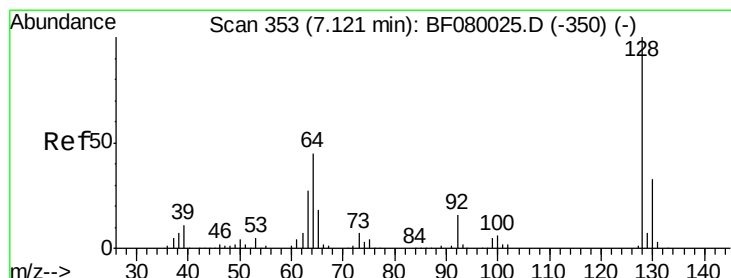
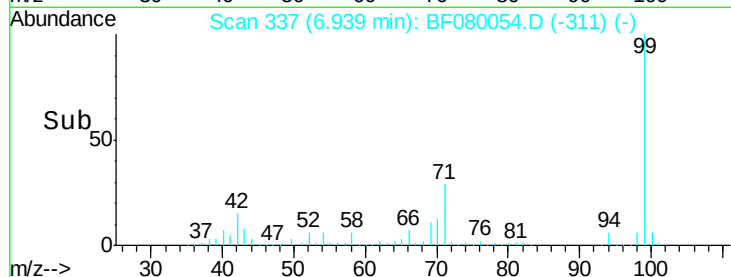
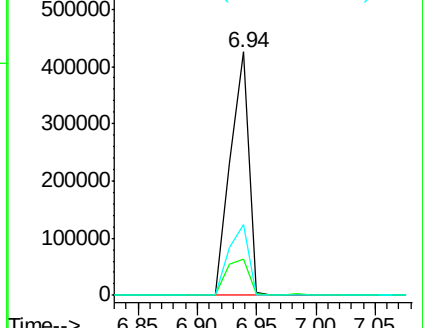
71 28.9 14.2 21.2#



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: 41.01 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

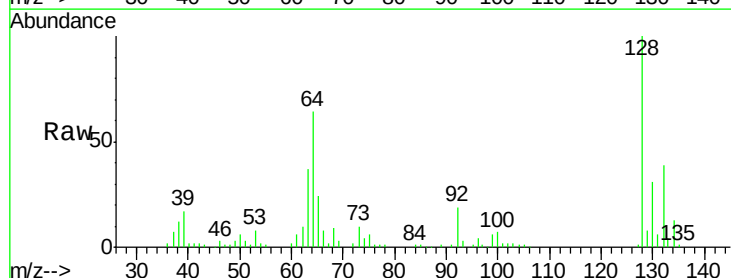
Tgt Ion: 128 Resp: 115800

Ion Ratio Lower Upper

128 100

130 31.1 12.2 52.2

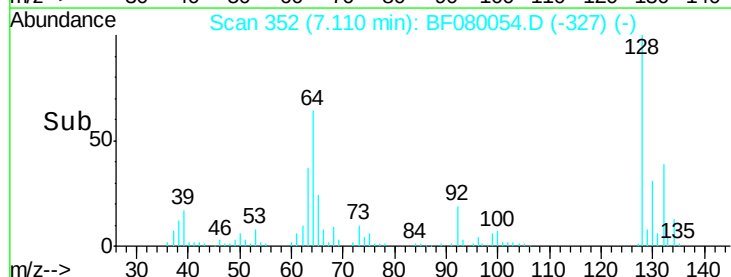
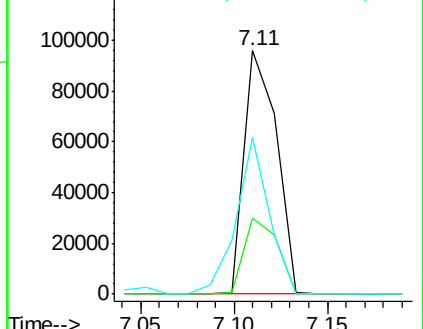
64 64.2 20.5 60.5#

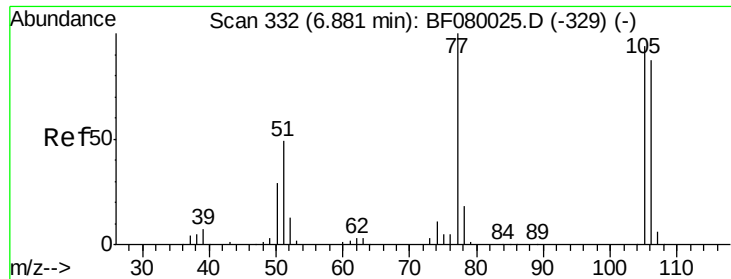


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.44 ng

RT: 6.88 min Scan# 332

Delta R.T. -0.00 min

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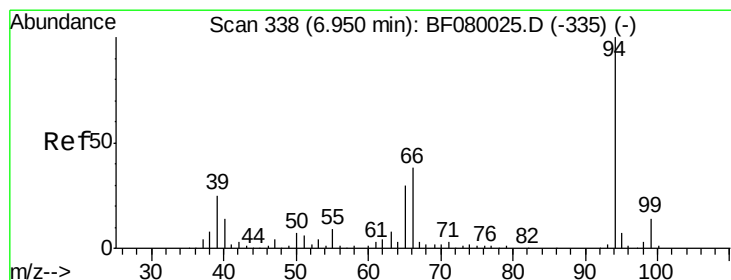
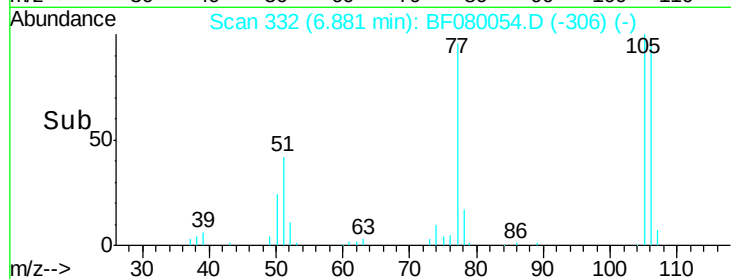
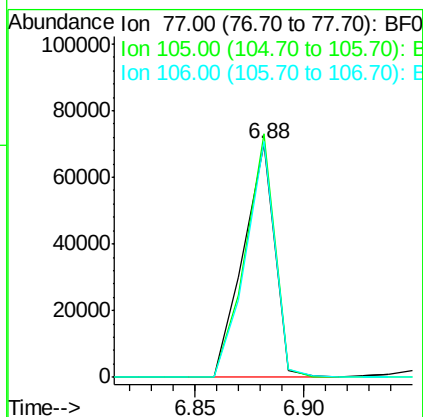
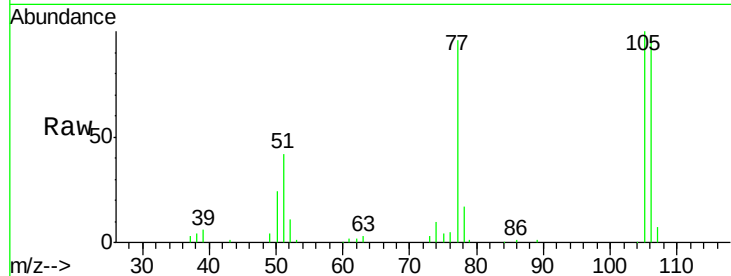
Tgt Ion: 77 Resp: 70278

Ion Ratio Lower Upper

77 100

105 104.2 91.6 131.6

106 100.9 102.6 142.6#



#10

Phenol

Concen: 45.15 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

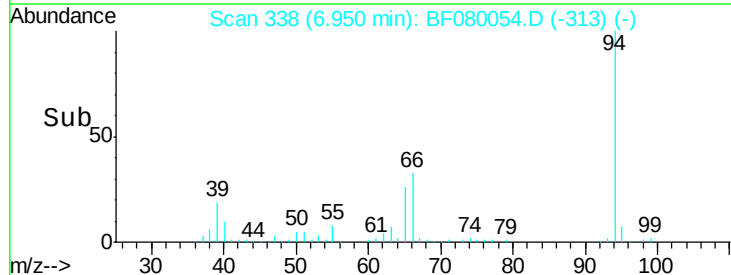
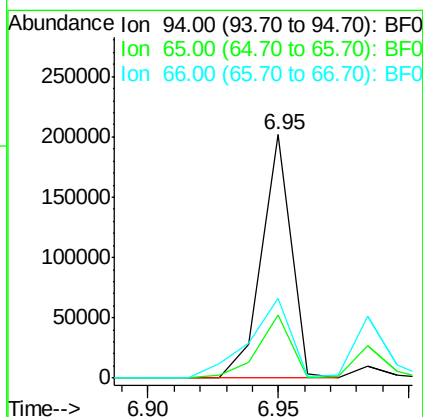
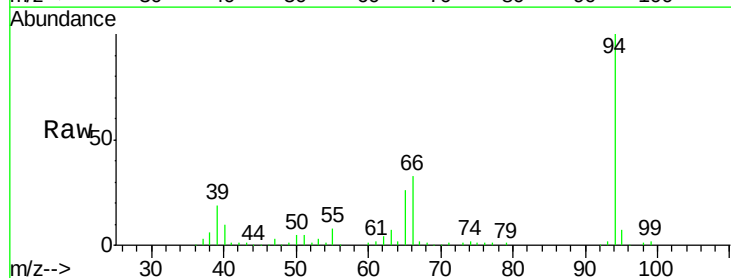
Tgt Ion: 94 Resp: 160205

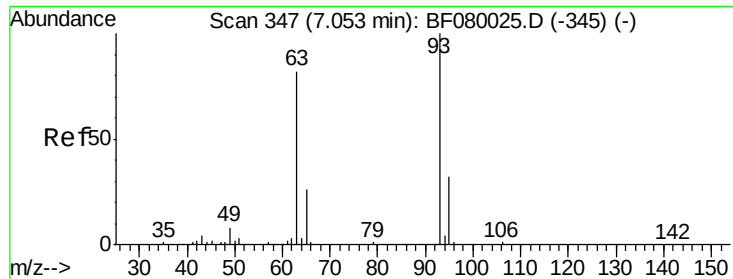
Ion Ratio Lower Upper

94 100

65 25.8 0.7 40.7

66 33.0 0.8 40.8

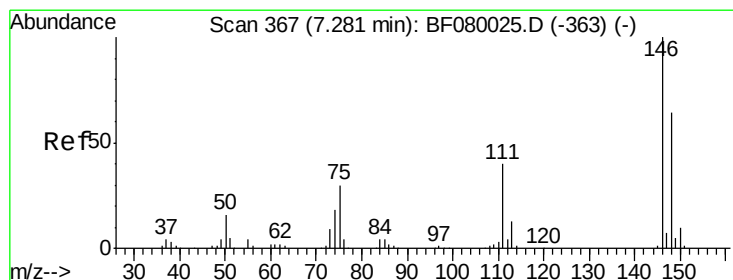
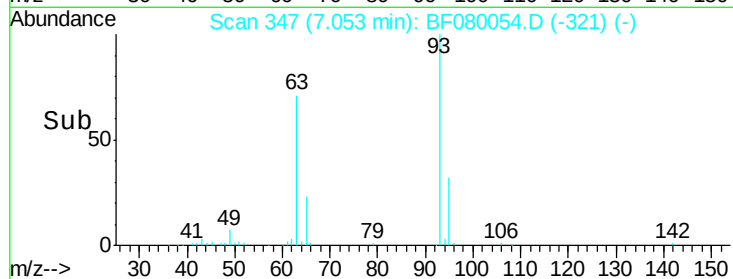
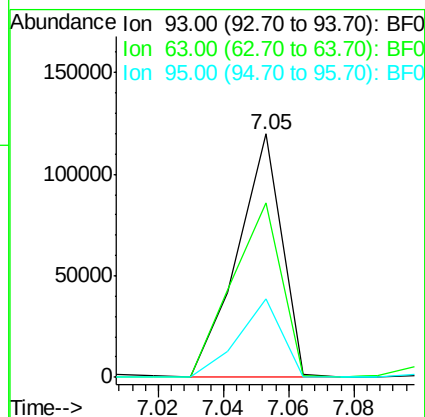
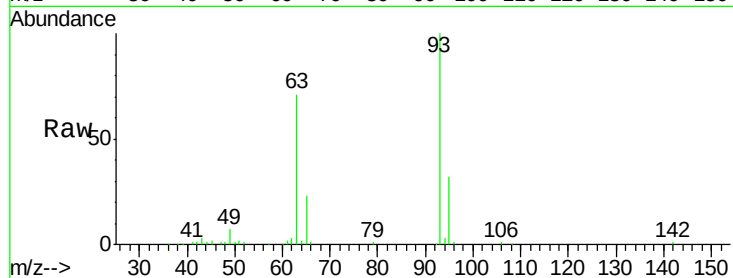




#11
 bis(2-Chloroethyl)ether
 Concen: 39.76 ng
 RT: 7.05 min Scan# 347
 Delta R.T. -0.00 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

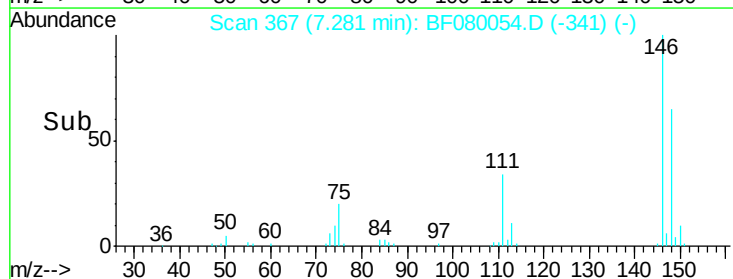
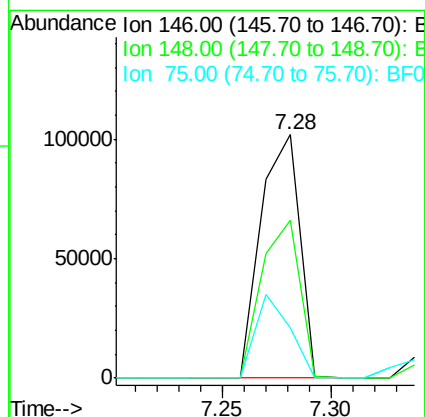
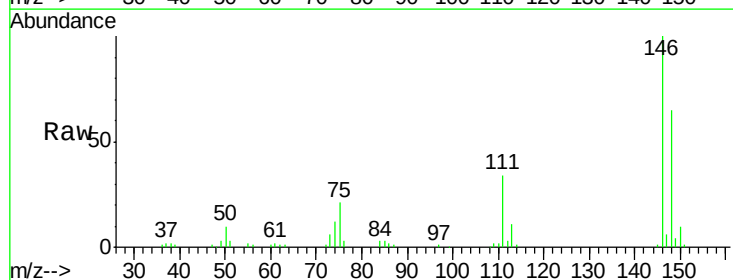
Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

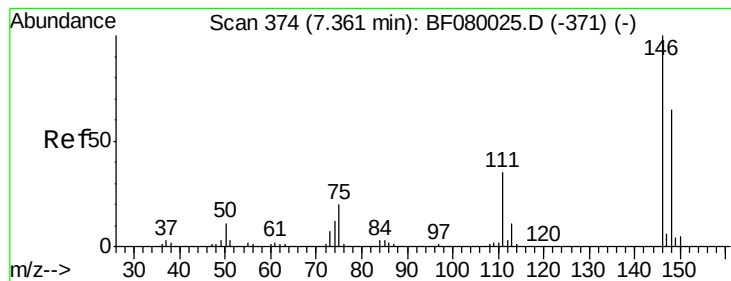
Tgt Ion: 93 Resp: 111916
 Ion Ratio Lower Upper
 93 100
 63 71.5 65.6 105.6
 95 32.2 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 37.68 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion: 146 Resp: 127815
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.4
 75 20.8 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 39.62 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.08 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

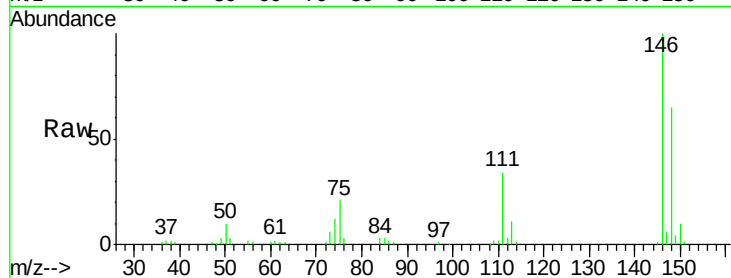
Tgt Ion:146 Resp: 127815

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

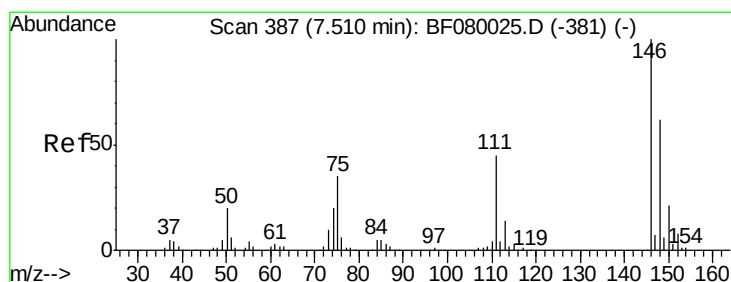
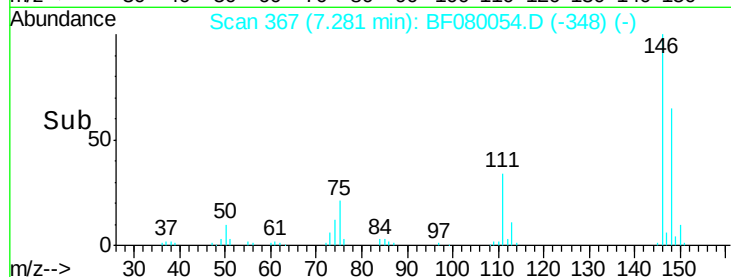
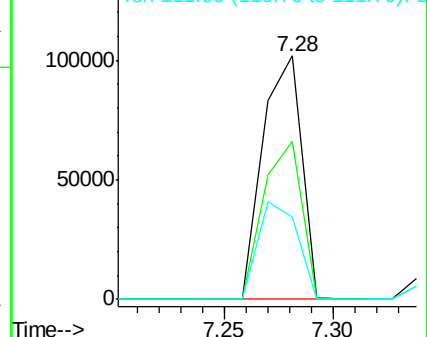
111 33.8 24.9 37.3



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: 40.99 ng

RT: 7.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

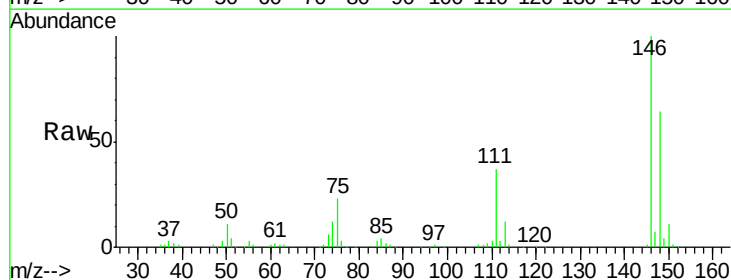
Tgt Ion:146 Resp: 128682

Ion Ratio Lower Upper

146 100

148 63.8 52.7 79.1

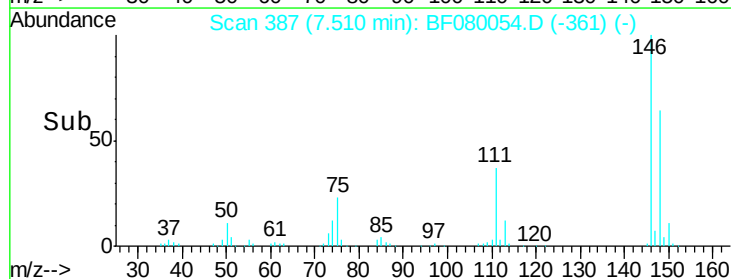
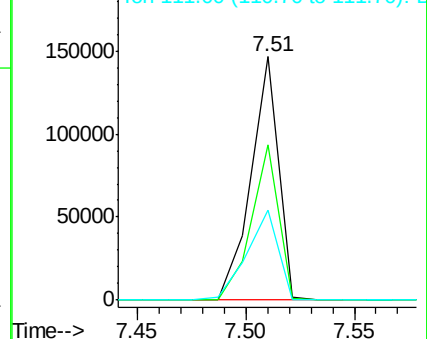
111 36.9 28.8 43.2

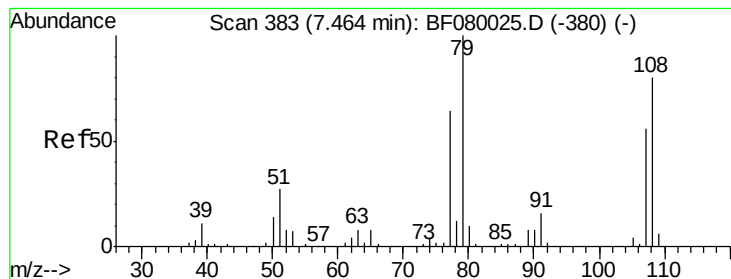


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.33 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

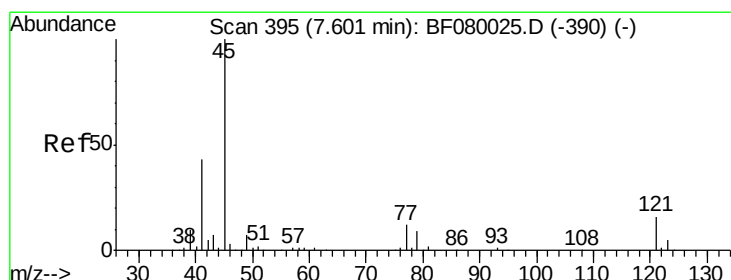
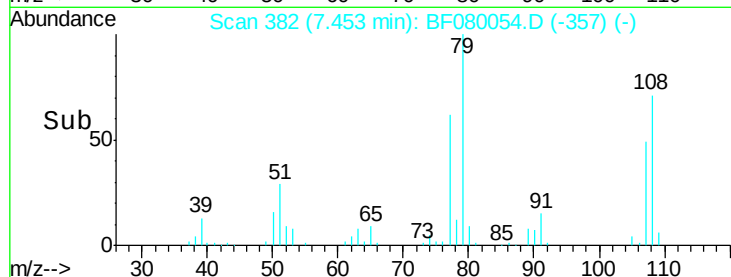
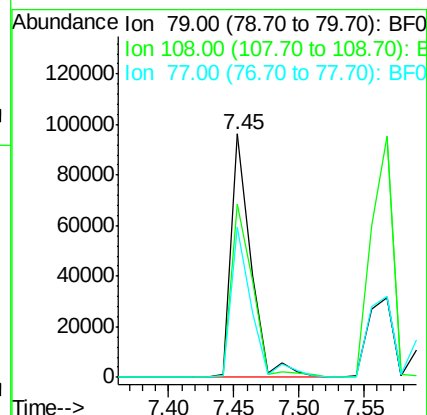
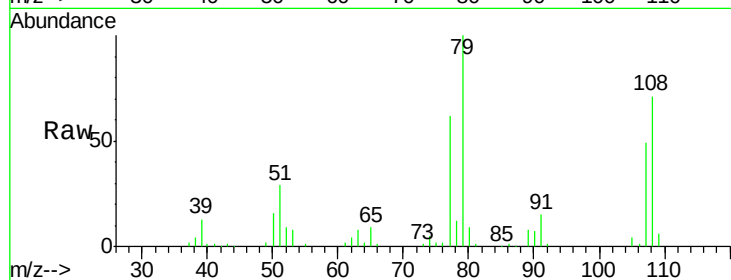
Tgt Ion: 79 Resp: 101887

Ion Ratio Lower Upper

79 100

108 71.0 88.6 132.8#

77 61.9 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.20 ng

RT: 7.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

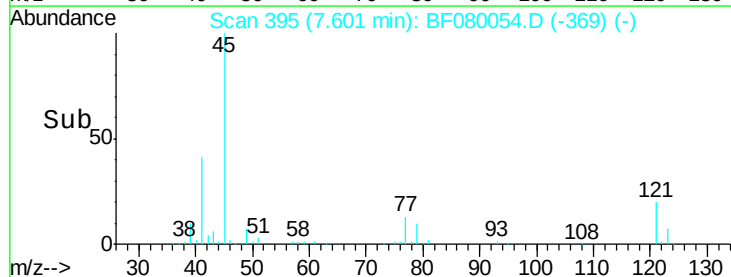
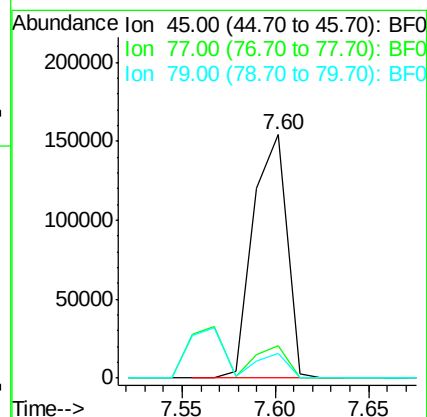
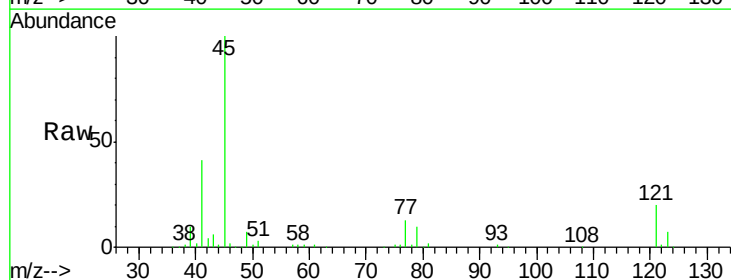
Tgt Ion: 45 Resp: 193042

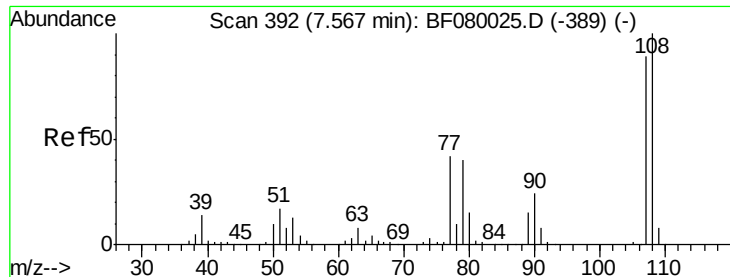
Ion Ratio Lower Upper

45 100

77 13.3 0.0 28.1

79 10.4 0.0 26.0

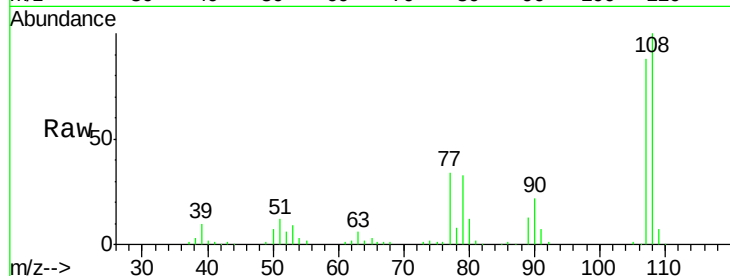




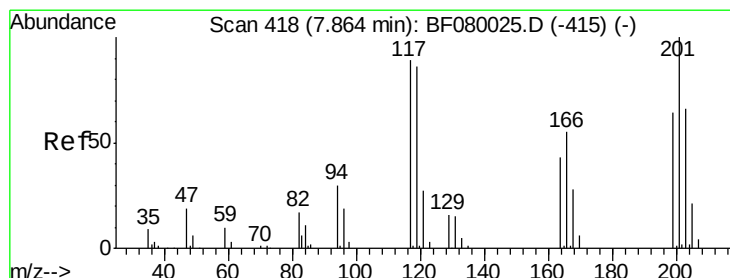
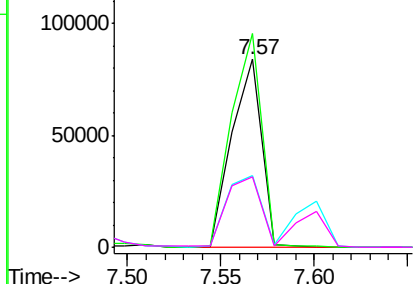
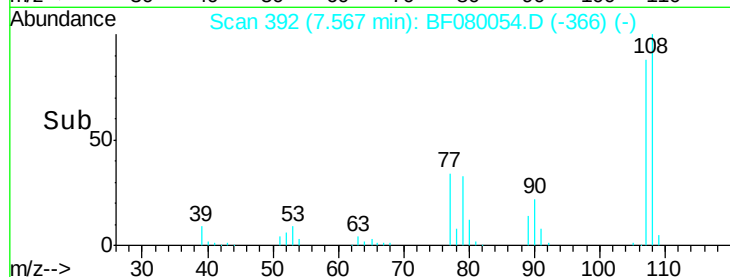
#17
2-Methylphenol
Concen: 39.08 ng
RT: 7.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

Instrument :
BNA_F
ClientSampleId :
PB84077BS

Tgt Ion:107 Resp: 94252
Ion Ratio Lower Upper
107 100
108 113.8 96.6 145.0
77 38.4 23.3 34.9#
79 37.5 22.0 33.0#

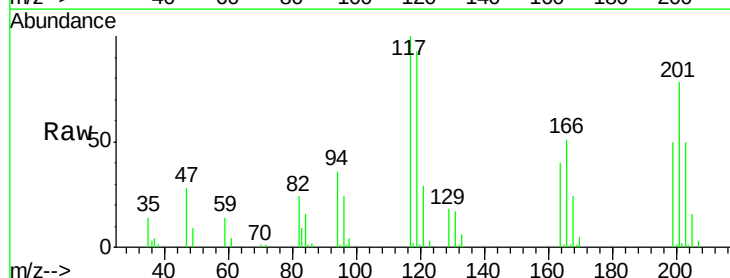


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

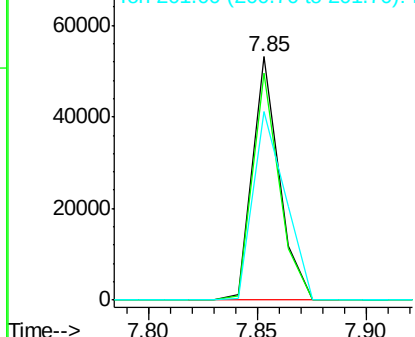
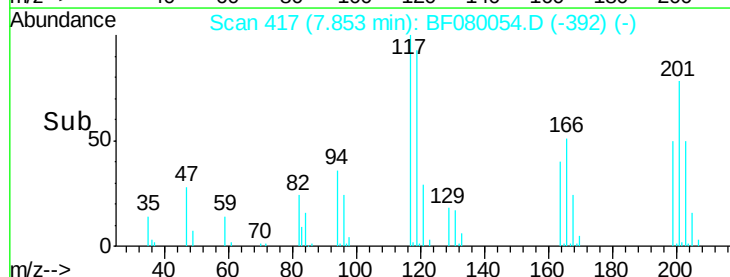


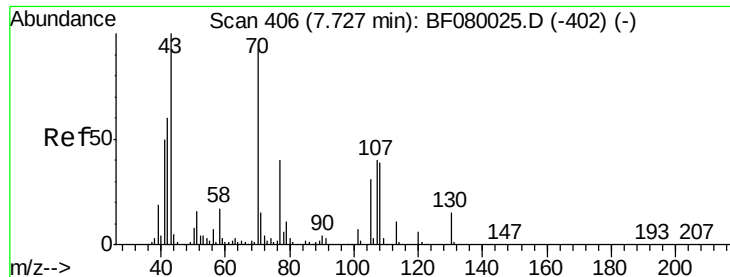
#18
Hexachloroethane
Concen: 42.22 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

Tgt Ion:117 Resp: 45349
Ion Ratio Lower Upper
117 100
119 93.2 83.8 125.6
201 77.7 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

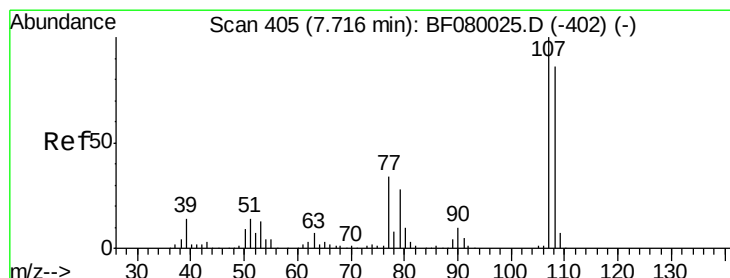
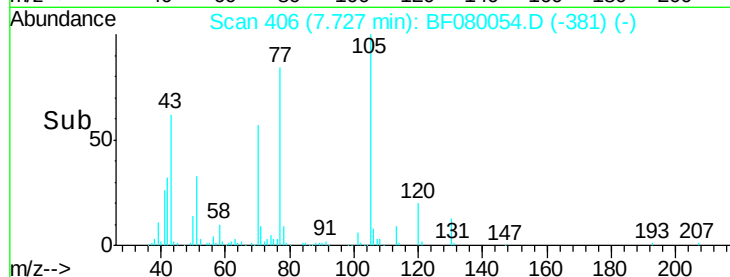
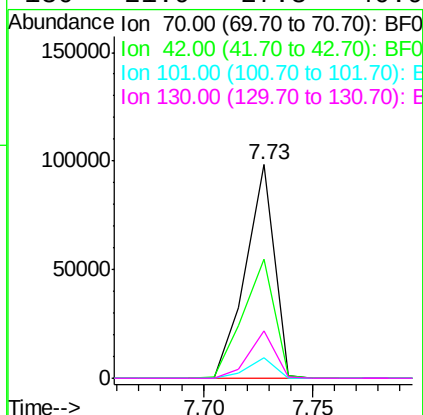
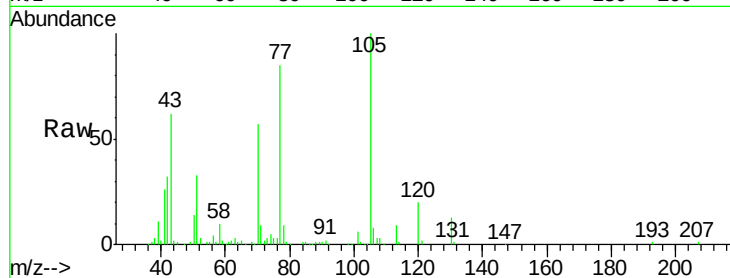




#19
n-Nitroso-di-n-propylamine
Concen: 40.00 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

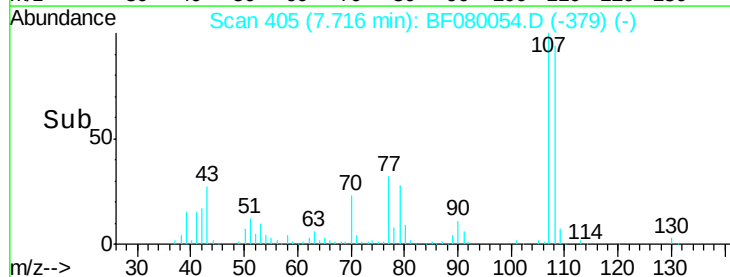
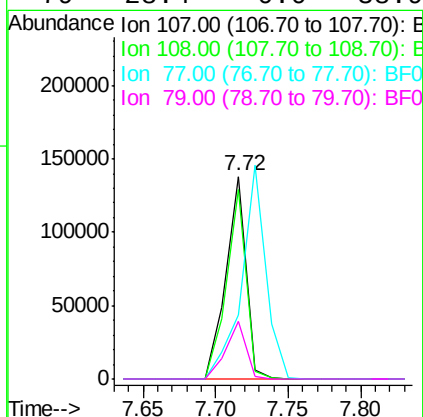
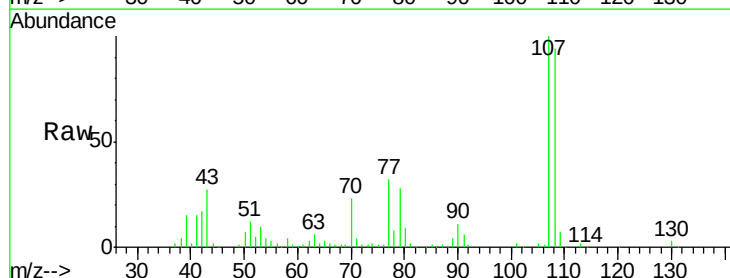
Instrument :
BNA_F
ClientSampleId :
PB84077BS

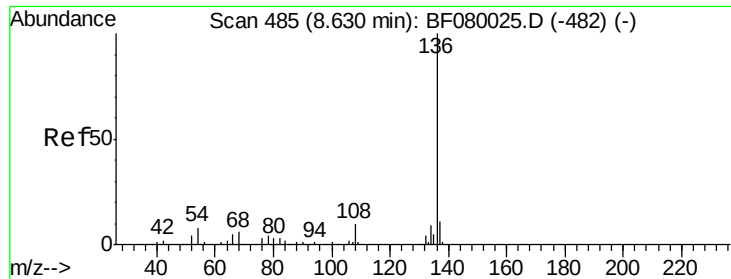
Tgt Ion: 70 Resp: 90297
Ion Ratio Lower Upper
70 100
42 55.5 63.8 95.6#
101 9.7 9.2 13.8
130 21.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 42.93 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

Tgt Ion: 107 Resp: 133633
Ion Ratio Lower Upper
107 100
108 93.7 74.6 114.6
77 31.7 0.7 40.7
79 28.4 0.0 38.9

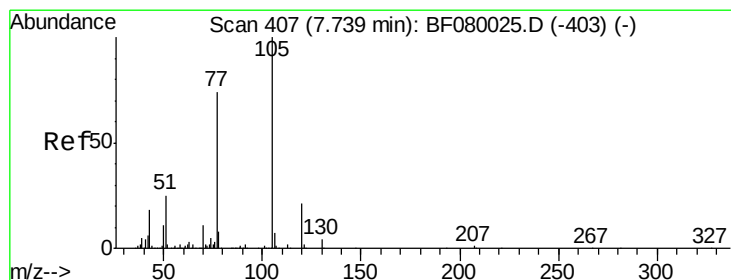
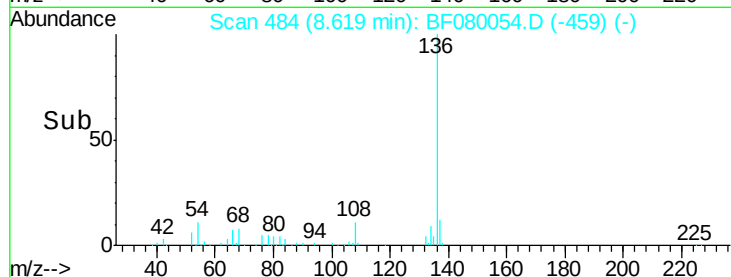
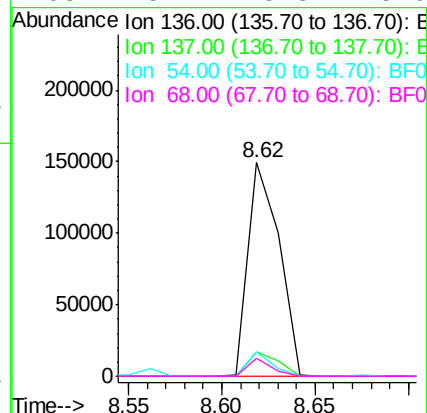
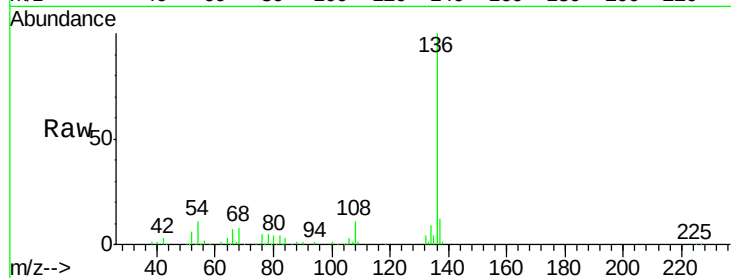




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

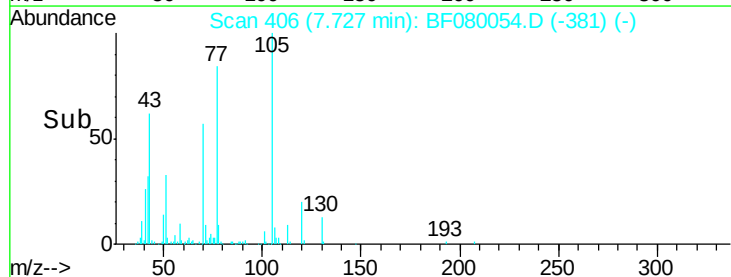
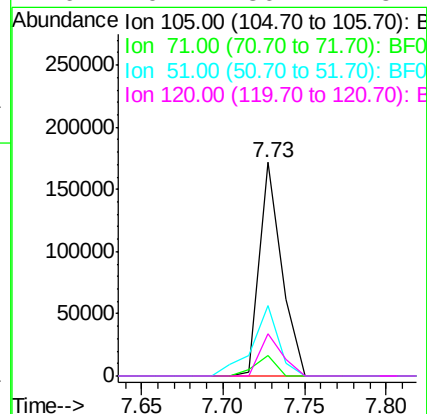
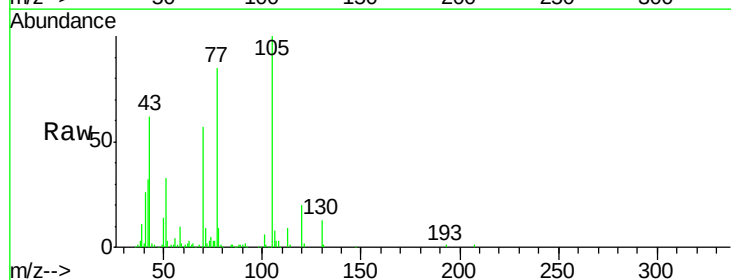
Instrument :
BNA_F
ClientSampleId :
PB84077BS

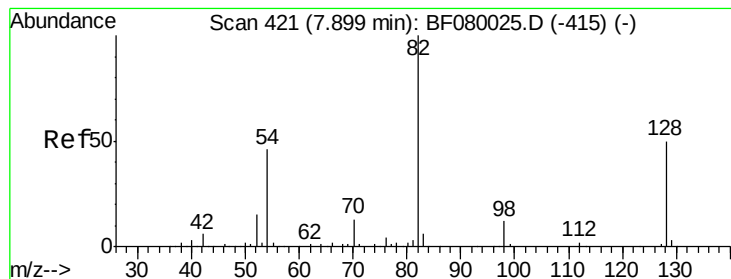
Tgt Ion:	136	Resp:	171918
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	11.2	8.2	12.2
68	8.4	5.8	8.6



#22
Acetophenone
Concen: 40.70 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

Tgt Ion:	105	Resp:	163050
Ion	Ratio	Lower	Upper
105	100		
71	9.5	4.7	7.1#
51	32.9	22.0	33.0
120	19.7	30.1	45.1#





#23

Nitrobenzene-d5

Concen: 91.77 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

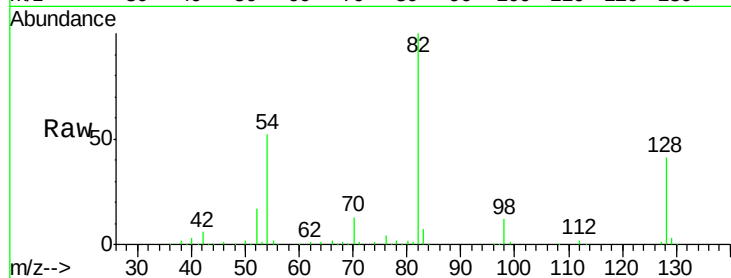
Tgt Ion: 82 Resp: 270992

Ion Ratio Lower Upper

82 100

128 41.2 51.0 76.6#

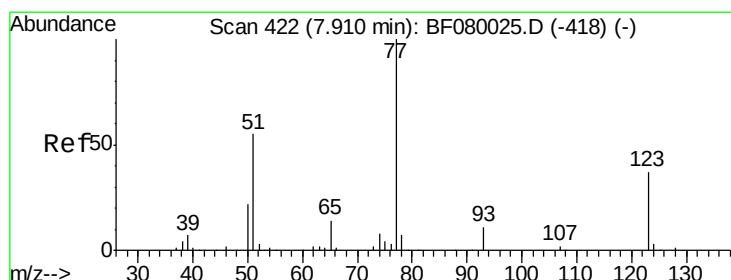
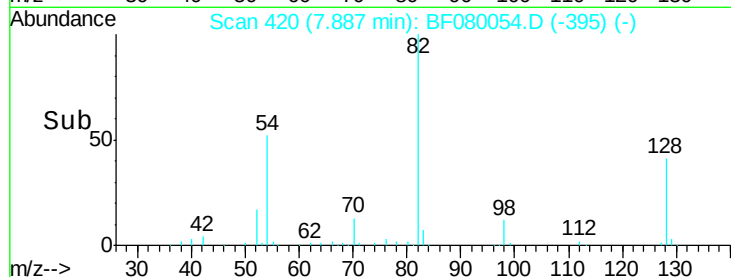
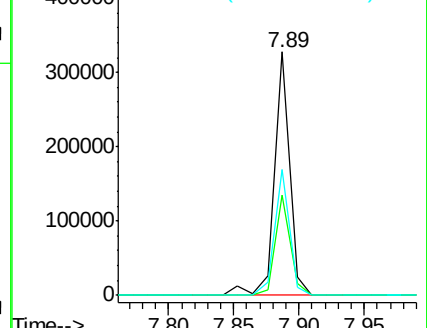
54 51.7 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.33 ng

RT: 7.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

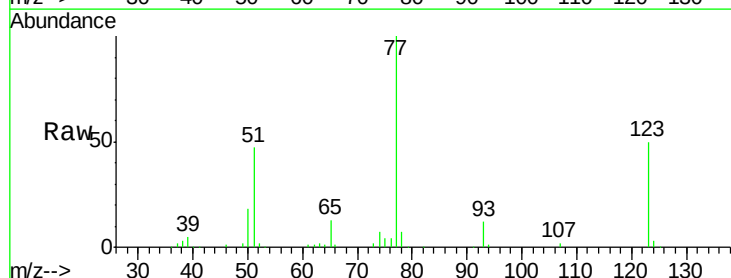
Tgt Ion: 77 Resp: 129023

Ion Ratio Lower Upper

77 100

123 50.4 59.8 89.8#

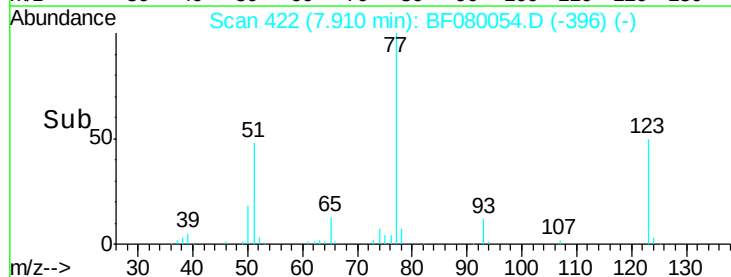
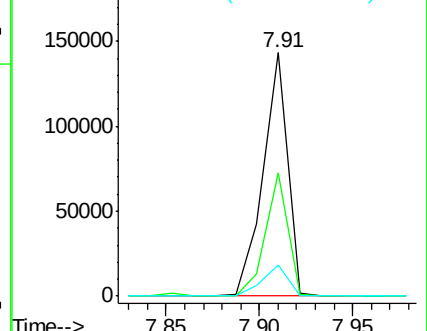
65 12.8 10.2 15.4

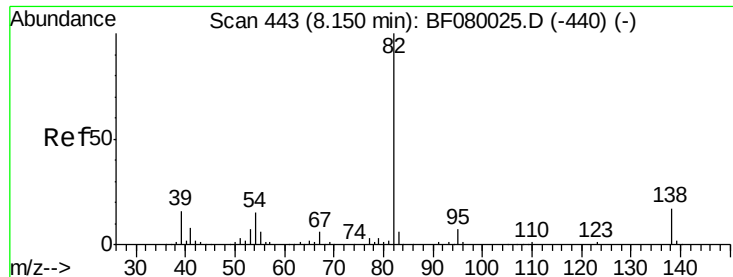


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.90 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

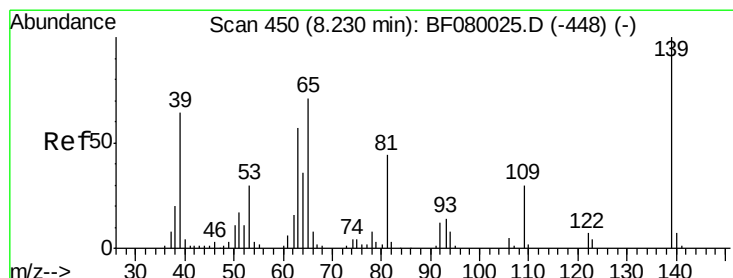
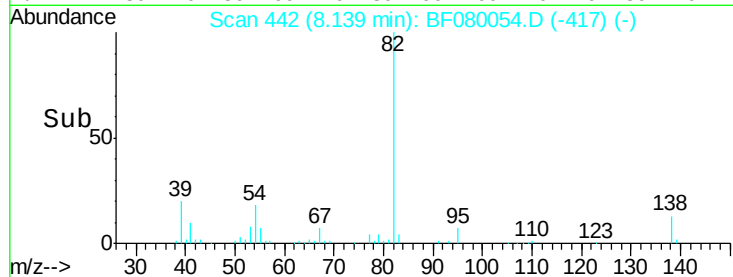
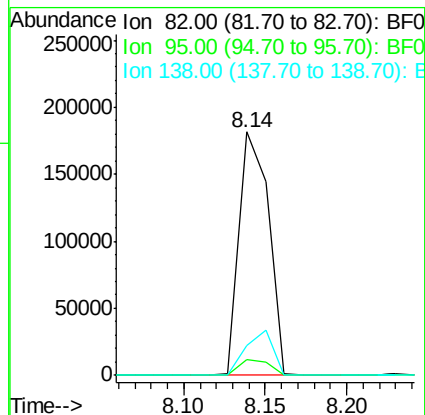
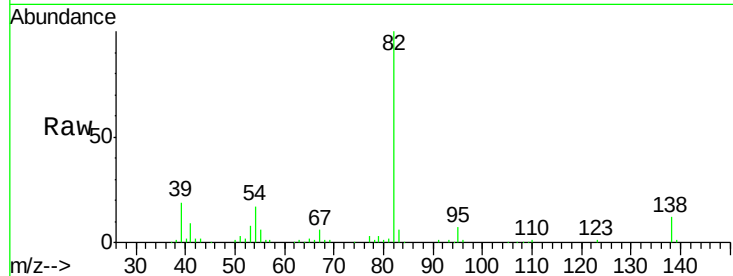
Tgt Ion: 82 Resp: 225241

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

138 12.3 18.3 27.5#



#26

2-Nitrophenol

Concen: 48.16 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

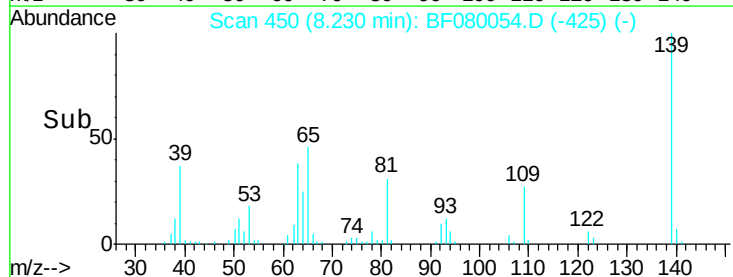
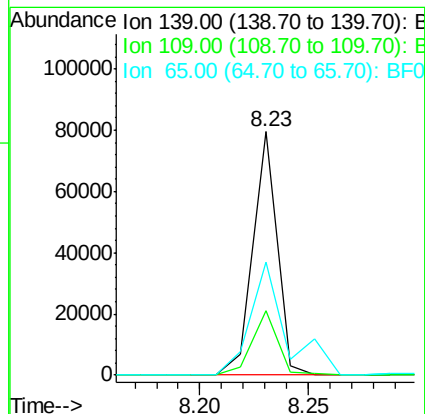
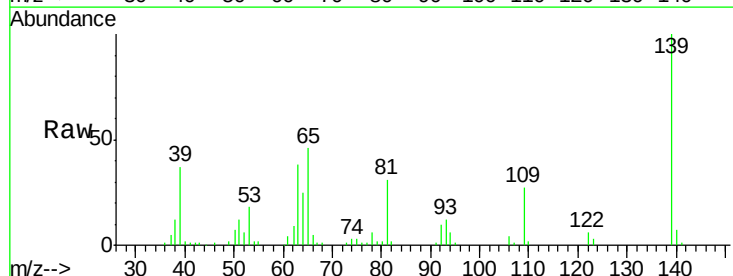
Tgt Ion: 139 Resp: 61442

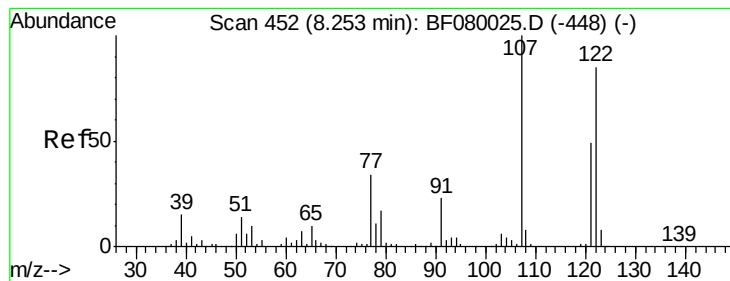
Ion Ratio Lower Upper

139 100

109 26.7 11.0 16.4#

65 46.5 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 44.95 ng

RT: 8.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

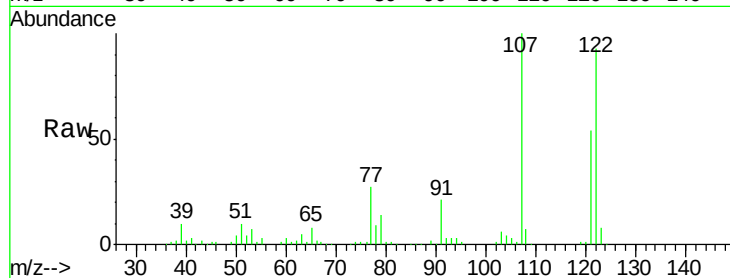
Tgt Ion:122 Resp: 119570

Ion Ratio Lower Upper

122 100

107 107.5 71.8 107.6

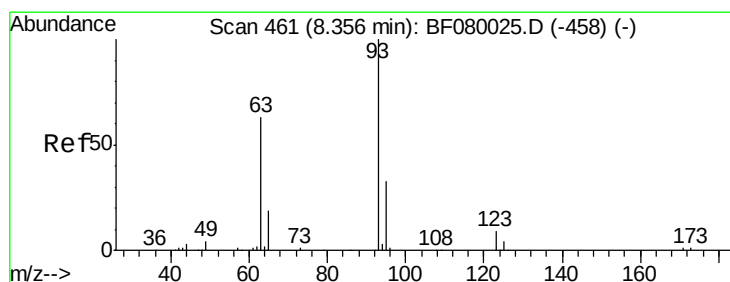
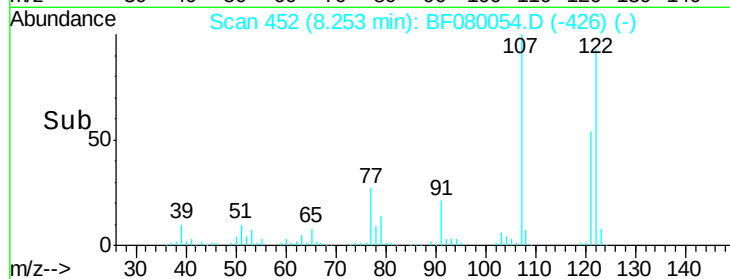
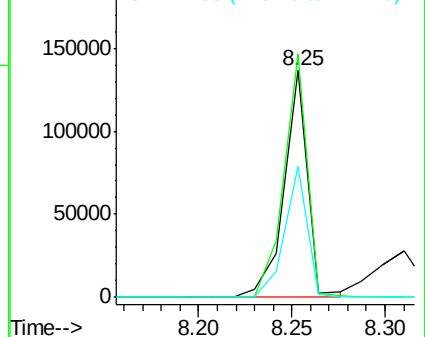
121 57.9 42.3 63.5



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: 42.08 ng

RT: 8.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

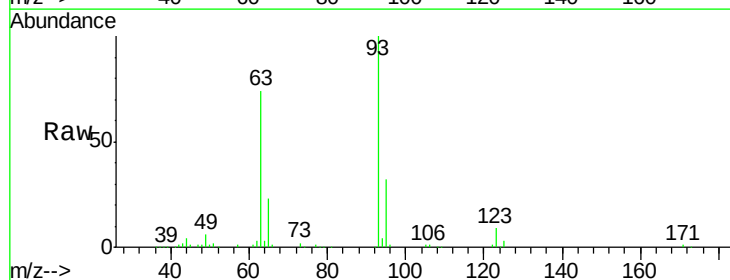
Tgt Ion: 93 Resp: 146922

Ion Ratio Lower Upper

93 100

95 31.9 27.5 41.3

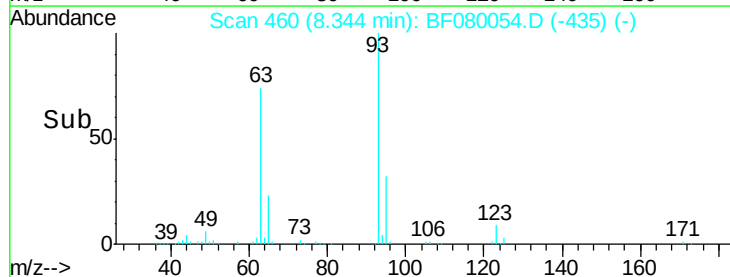
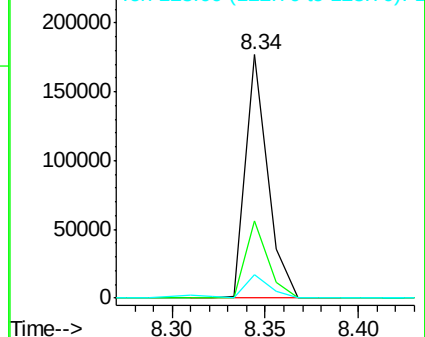
123 9.4 13.7 20.5#

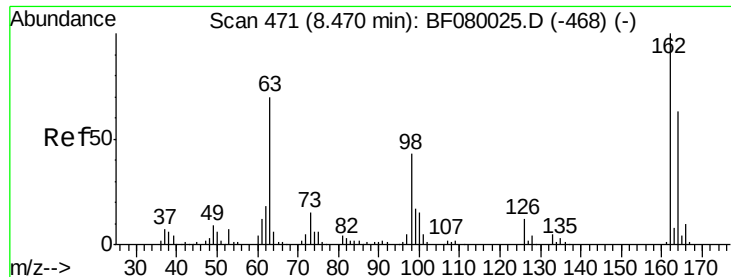


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

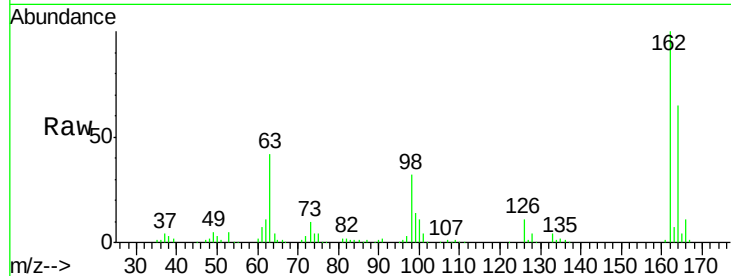




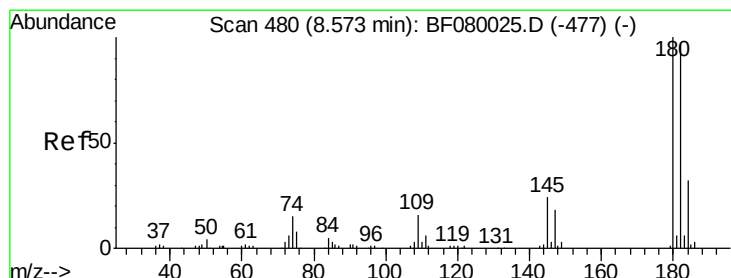
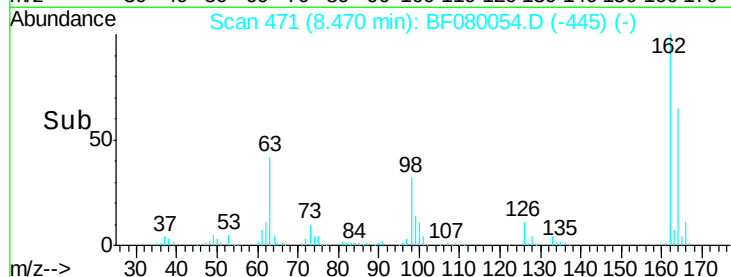
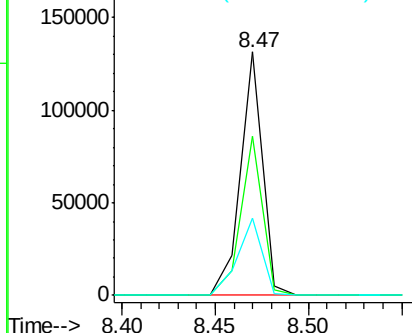
#29
 2,4-Dichlorophenol
 Concen: 47.94 ng
 RT: 8.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.9	84.9
98	31.7	13.0	53.0

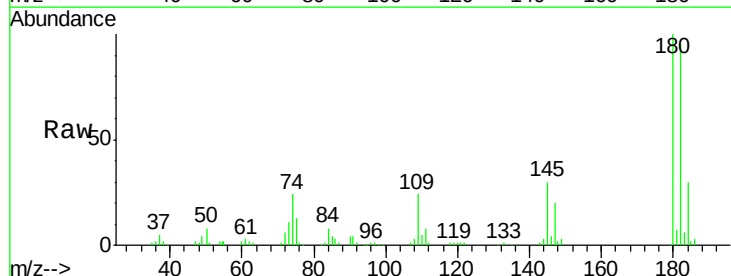


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

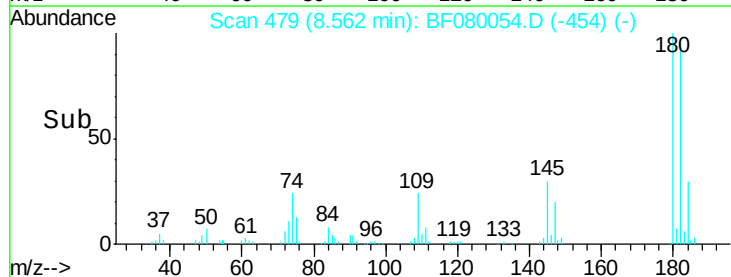
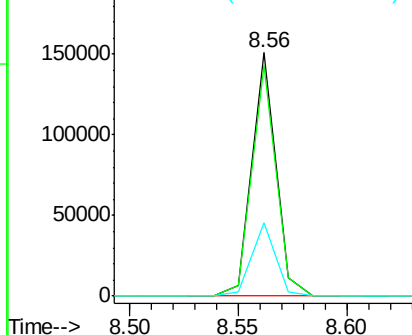


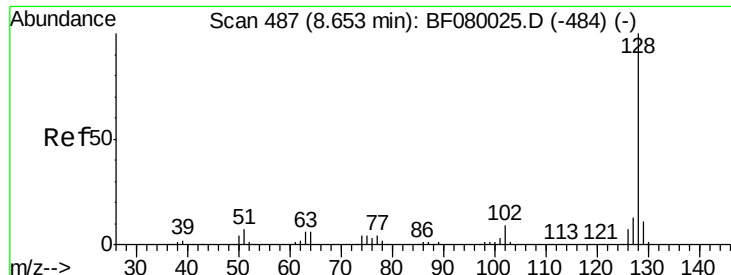
#30
 1,2,4-Trichlorobenzene
 Concen: 44.96 ng
 RT: 8.56 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
145	29.9	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

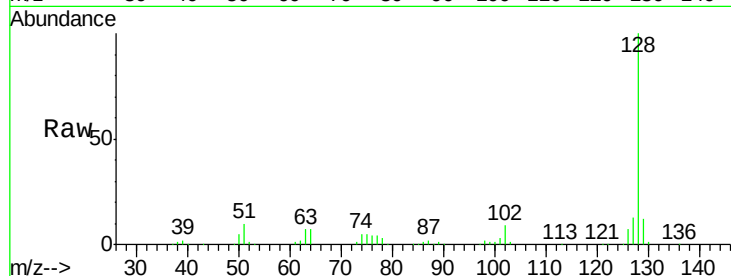




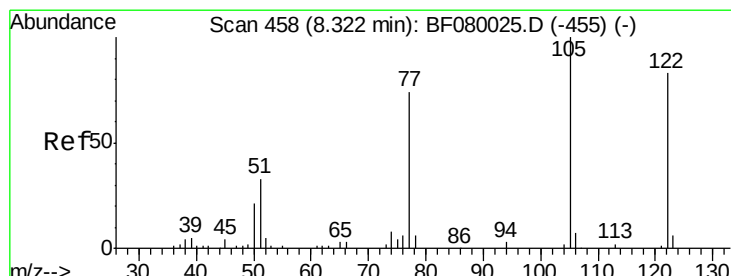
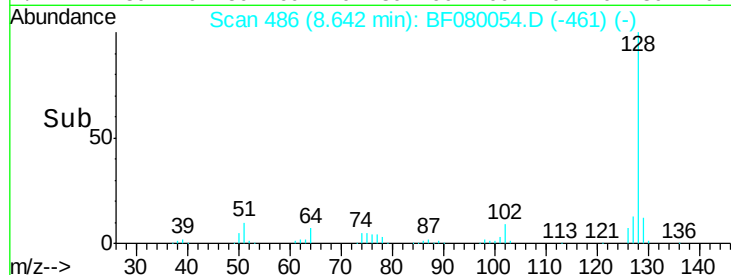
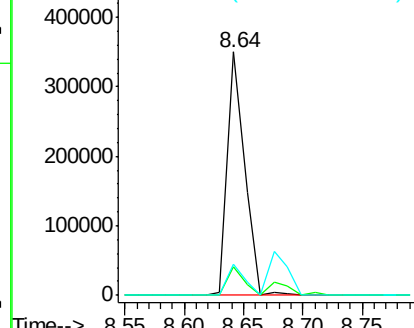
#31
Naphthalene
Concen: 39.09 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

Instrument :
BNA_F
ClientSampleId :
PB84077BS

Tgt Ion:128 Resp: 351334
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 12.7 9.9 14.9

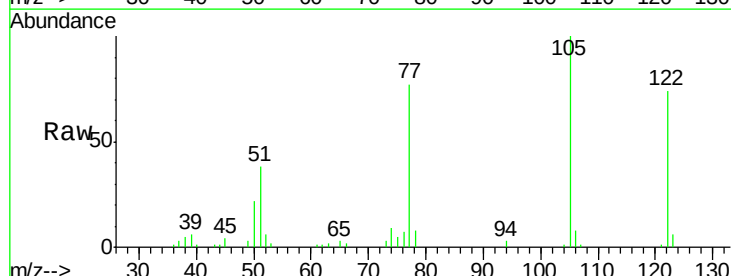


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

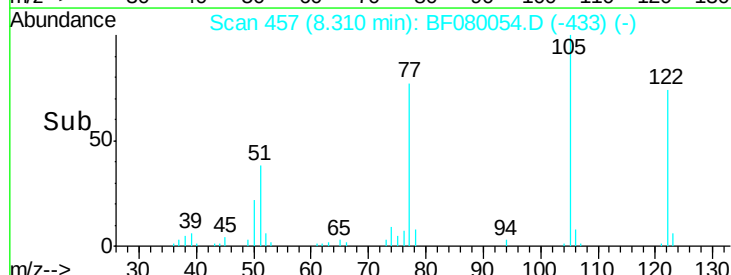
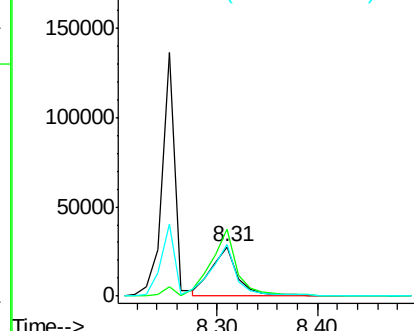


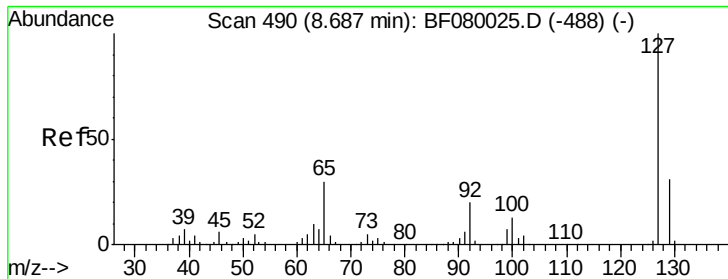
#32
Benzoic acid
Concen: 32.66 ng
RT: 8.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

Tgt Ion:122 Resp: 52526
Ion Ratio Lower Upper
122 100
105 135.2 76.1 116.1#
77 103.6 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

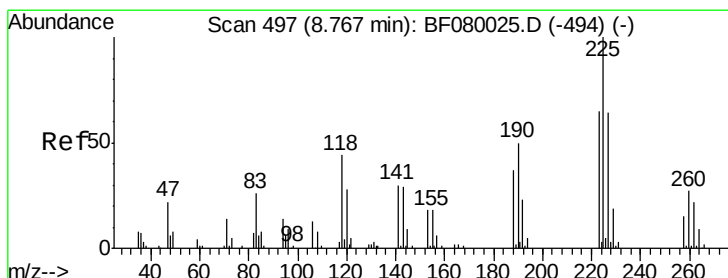
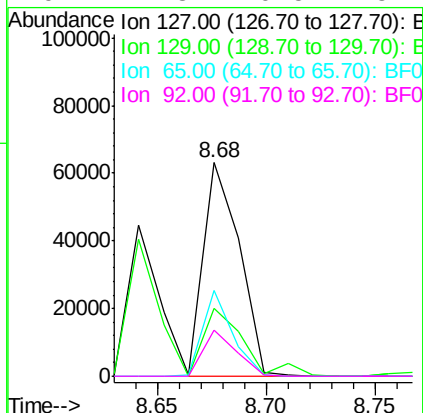
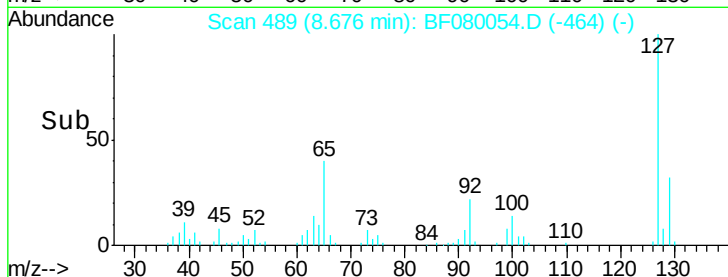
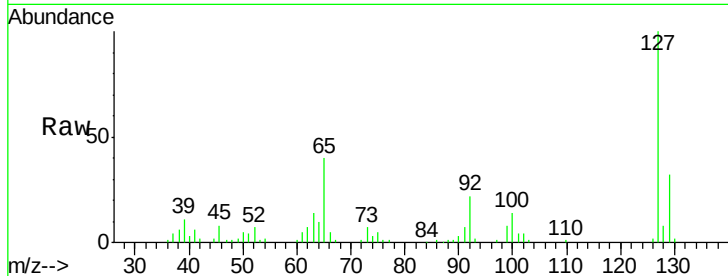




#33
 4-Chloroaniline
 Concen: 18.88 ng
 RT: 8.68 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

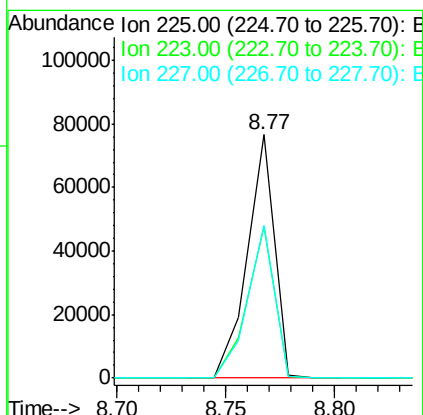
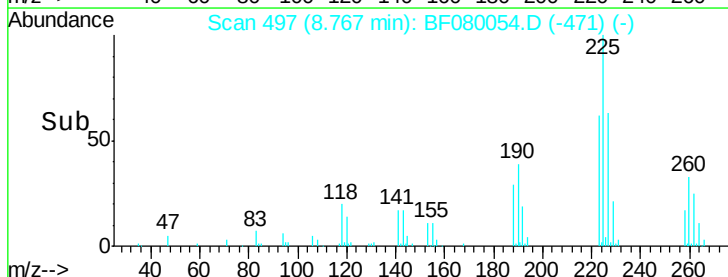
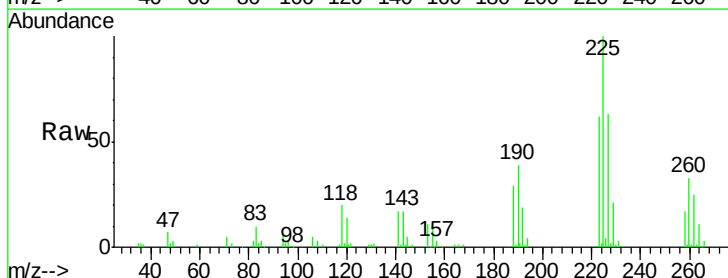
Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

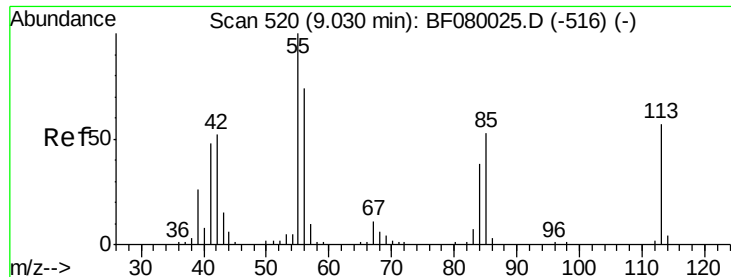
Tgt Ion:	127	Resp:	72616
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	40.2	17.9	26.9#
92	21.8	10.5	15.7#



#34
 Hexachlorobutadiene
 Concen: 41.59 ng
 RT: 8.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion:	225	Resp:	66259
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.2
227	62.8	52.2	78.2





#35

Caprolactam

Concen: 41.96 ng

RT: 9.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

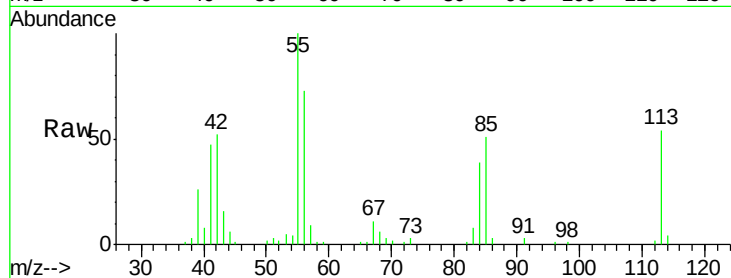
Tgt Ion:113 Resp: 31032

Ion Ratio Lower Upper

113 100

55 186.1 152.4 192.4

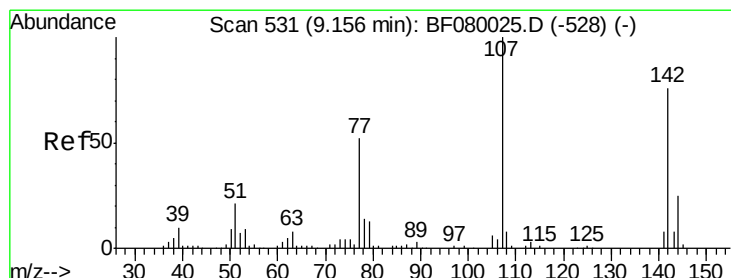
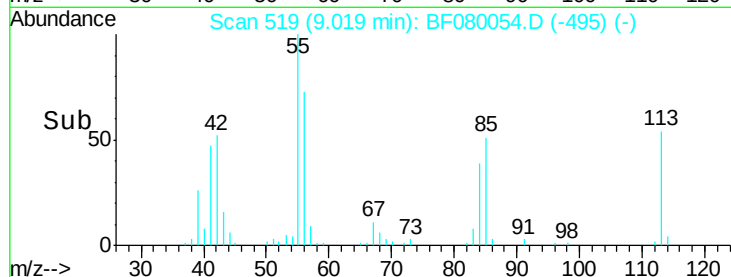
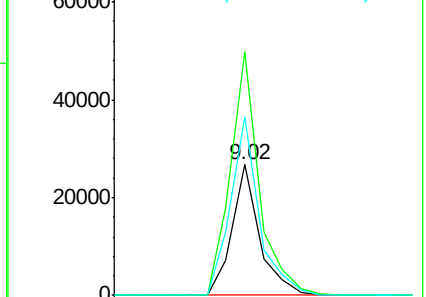
56 136.2 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.55 ng

RT: 9.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

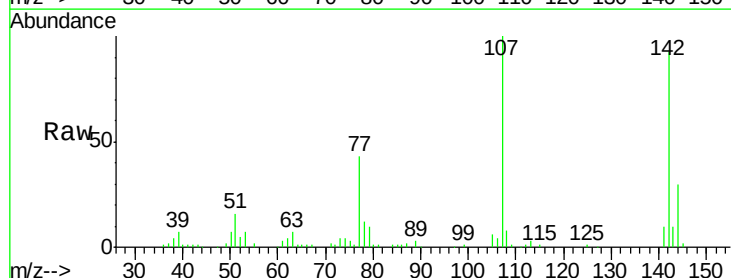
Tgt Ion:107 Resp: 101637

Ion Ratio Lower Upper

107 100

144 29.6 25.4 38.0

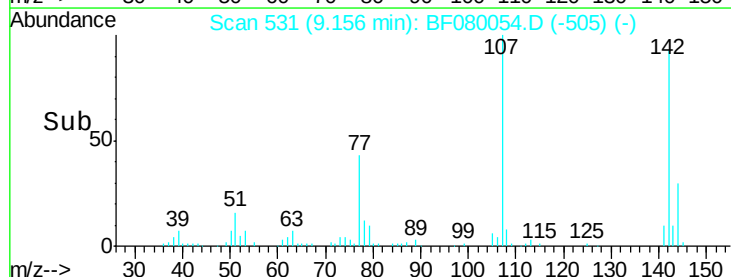
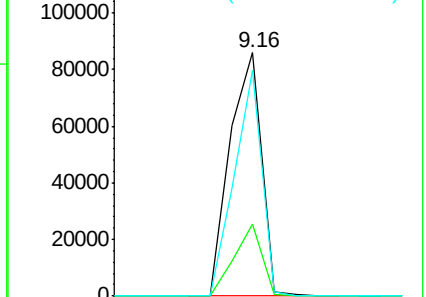
142 92.7 77.3 115.9

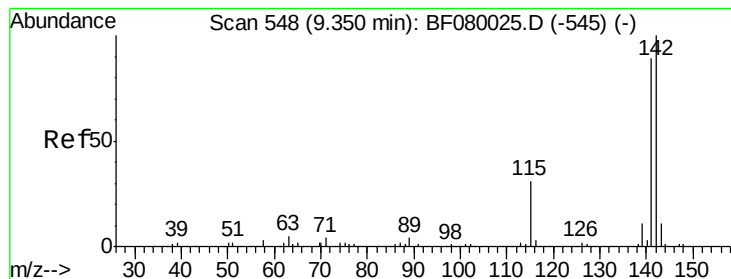


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.84 ng

RT: 9.34 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

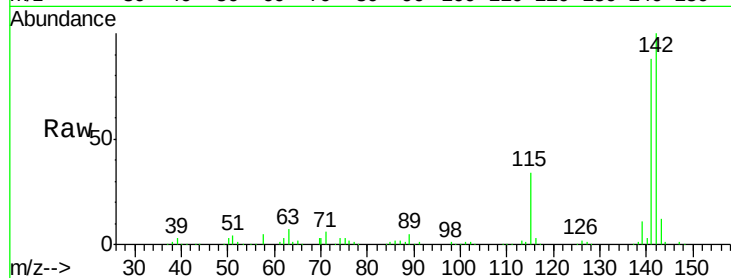
Instrument :

BNA_F

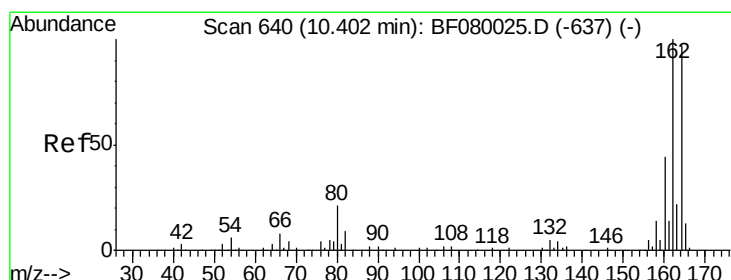
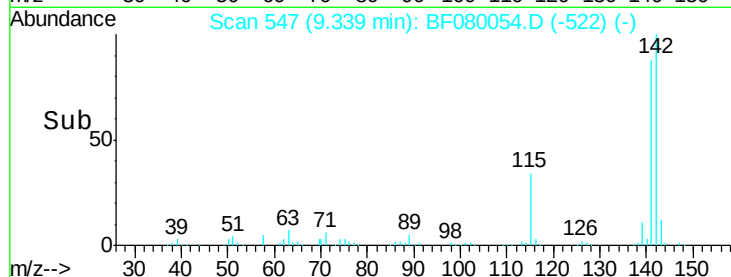
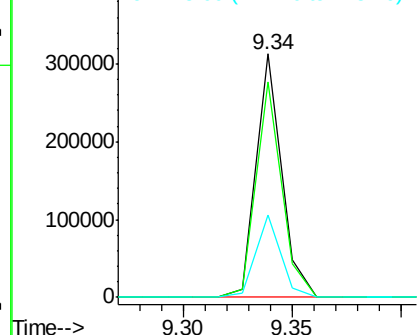
ClientSampleId :

PB84077BS

Tgt Ion:	142	Resp:	254885
Ion Ratio	Lower	Upper	
142	100		
141	88.4	67.5	101.3
115	33.8	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

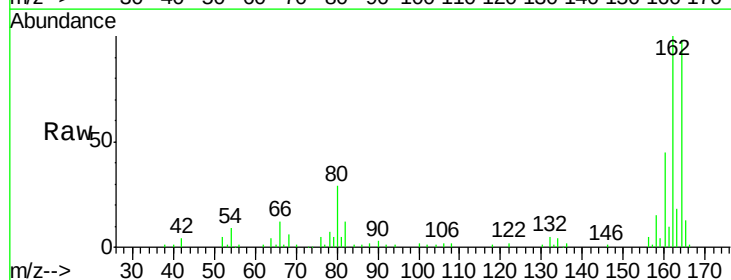
RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

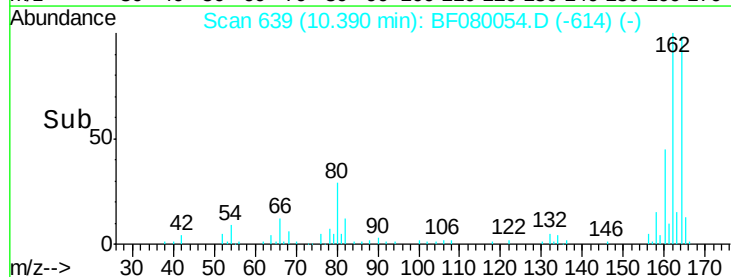
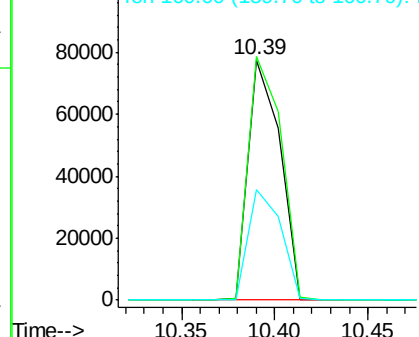
Lab File: BF080054.D

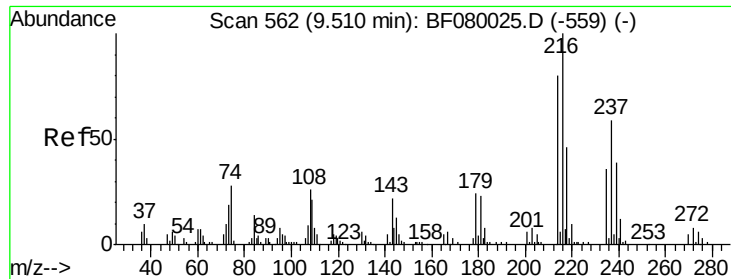
Acq: 19 Jun 2015 13:08

Tgt Ion:	164	Resp:	91797
Ion Ratio	Lower	Upper	
164	100		
162	101.6	75.2	112.8
160	46.1	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

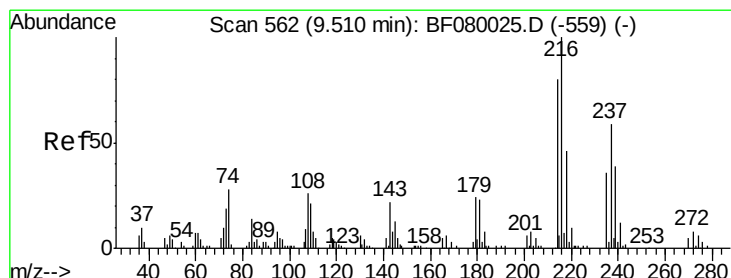
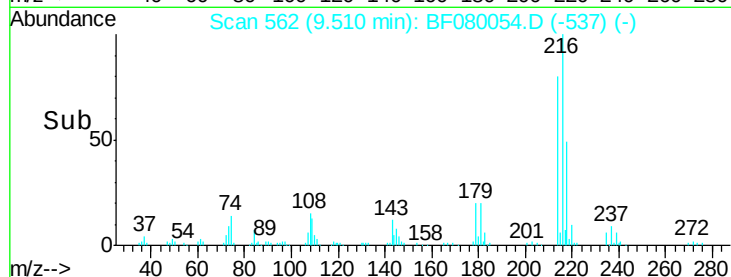
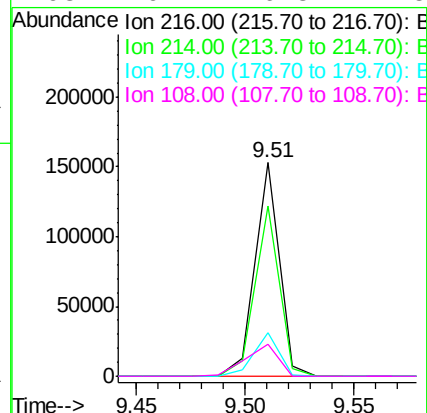
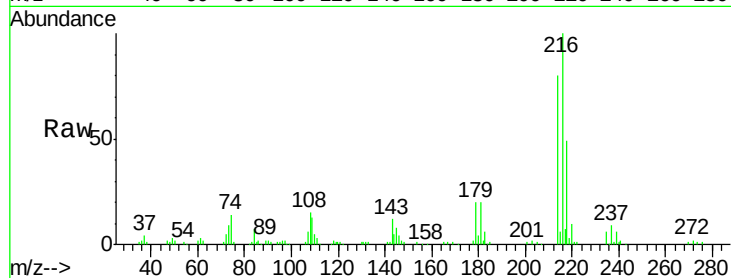




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.45 ng
 RT: 9.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

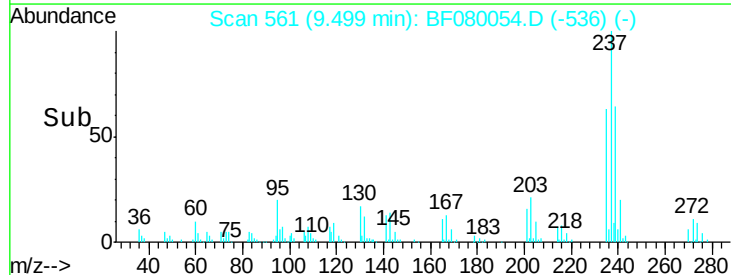
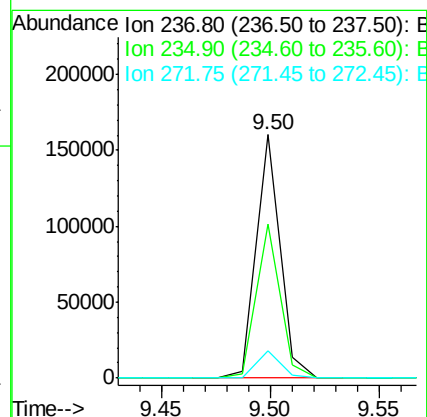
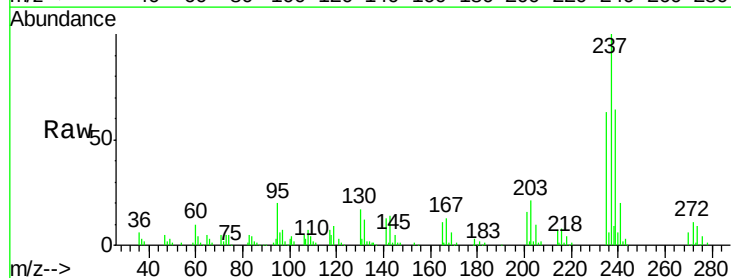
Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

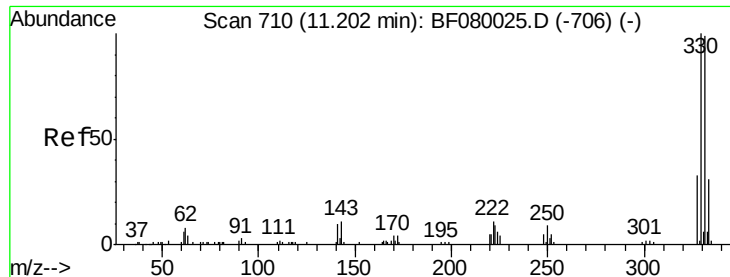
Tgt Ion:	216	Resp:	118738
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.5	95.3
179	20.9	16.6	24.8
108	20.4	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 88.54 ng
 RT: 9.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion:	237	Resp:	122701
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.0	82.0
272	11.0	0.0	36.1

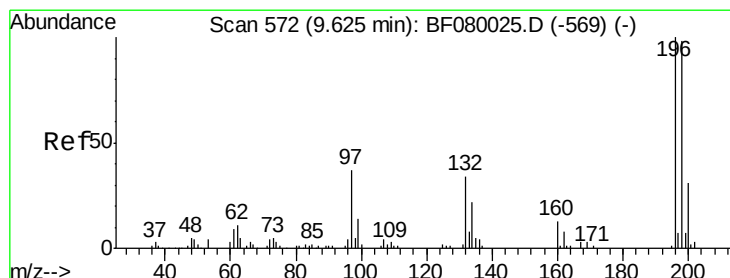
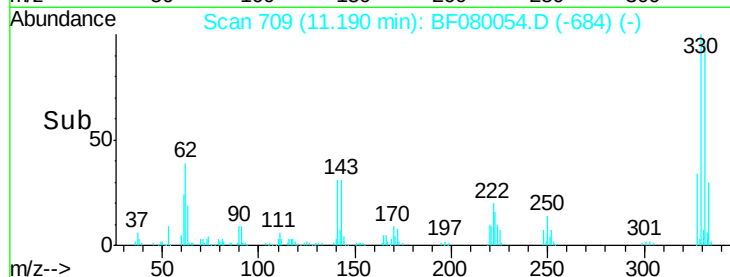
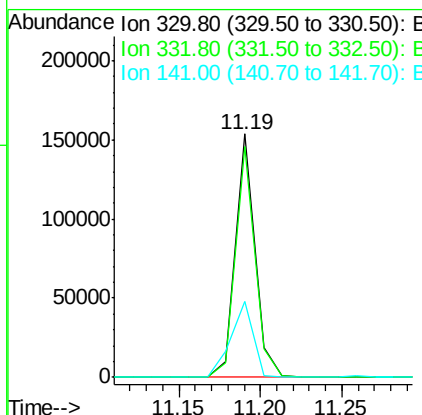
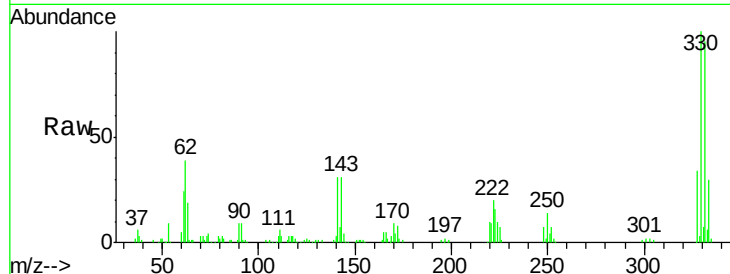




#41
 2,4,6-Tribromophenol
 Concen: 140.72 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

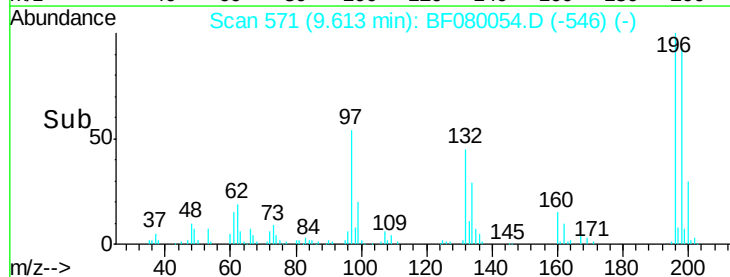
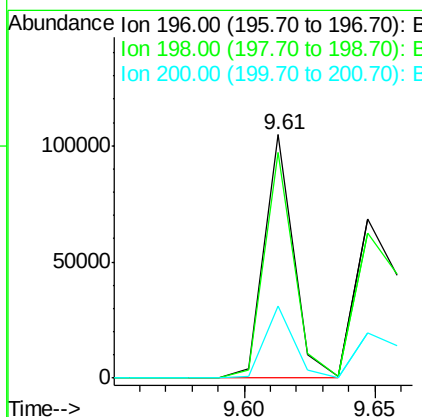
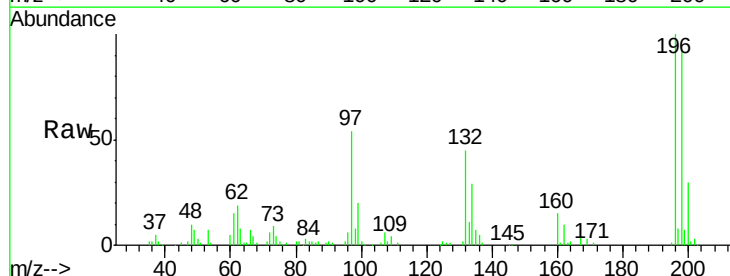
Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

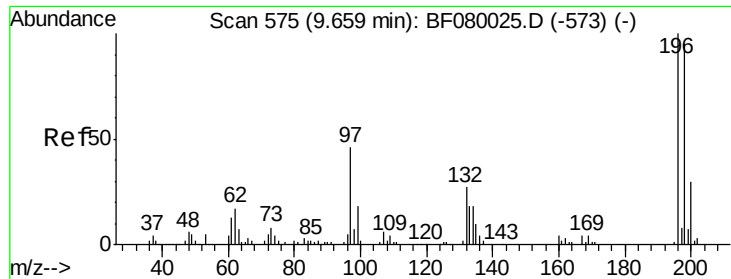
Tgt Ion:330 Resp: 126317
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 36.0 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 45.15 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion:196 Resp: 82068
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.7 113.5
 200 29.6 23.9 35.9

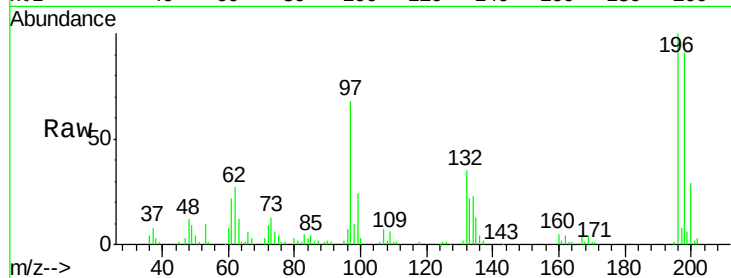




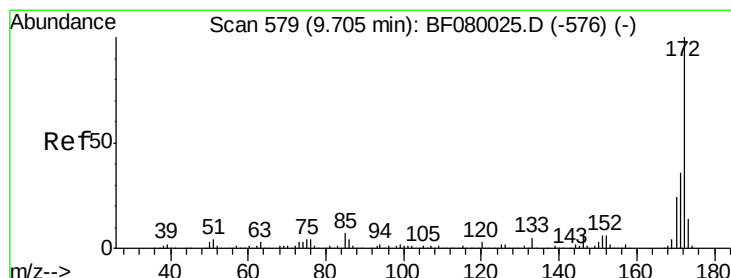
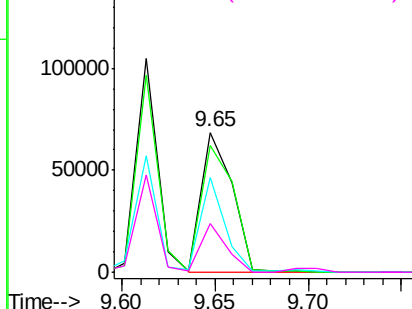
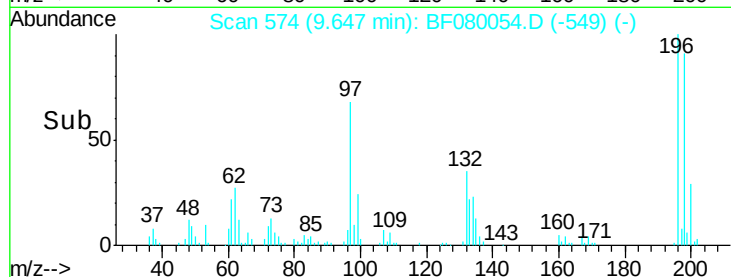
#43
 2,4,5-Trichlorophenol
 Concen: 37.59 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

Tgt Ion:196 Resp: 78725
 Ion Ratio Lower Upper
 196 100
 198 91.2 75.4 113.0
 97 68.0 33.3 49.9#
 132 35.2 24.6 37.0

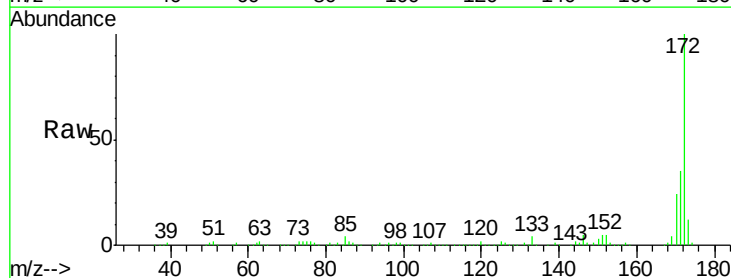


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

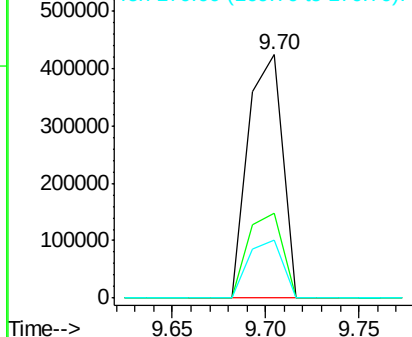
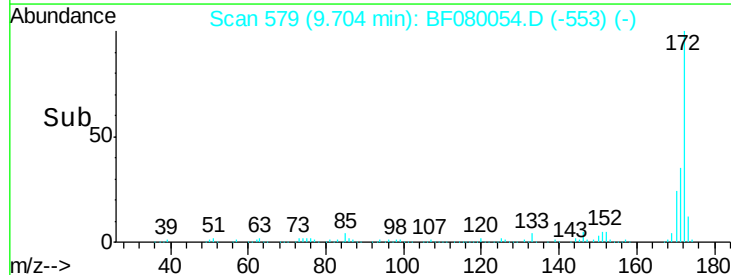


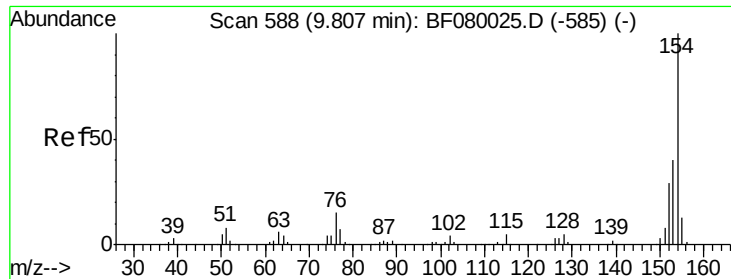
#44
 2-Fluorobiphenyl
 Concen: 83.69 ng
 RT: 9.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion:172 Resp: 538694
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.1 39.1
 170 23.7 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

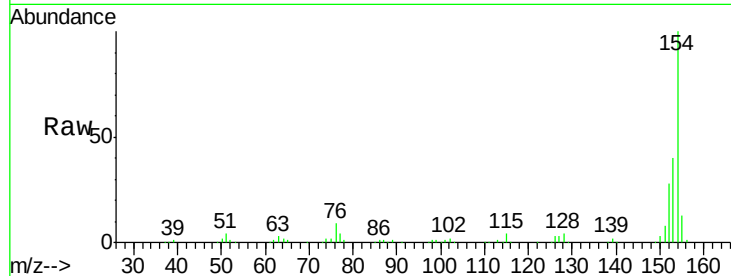




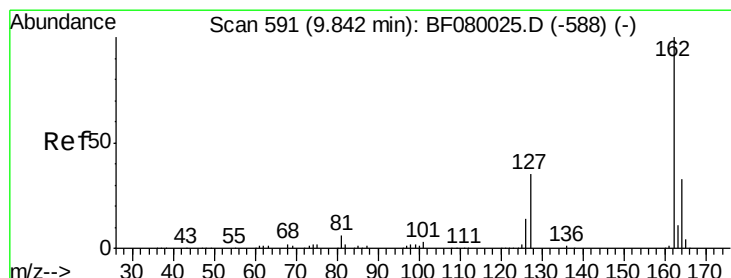
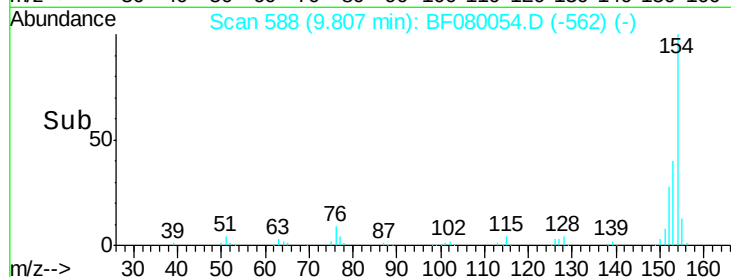
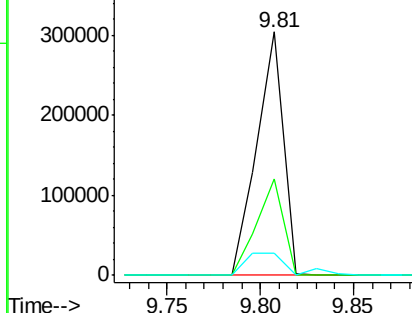
#45
 1,1'-Biphenyl
 Concen: 39.90 ng
 RT: 9.81 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

Tgt Ion:154 Resp: 297973
 Ion Ratio Lower Upper
 154 100
 153 39.7 17.1 57.1
 76 9.0 0.0 31.6

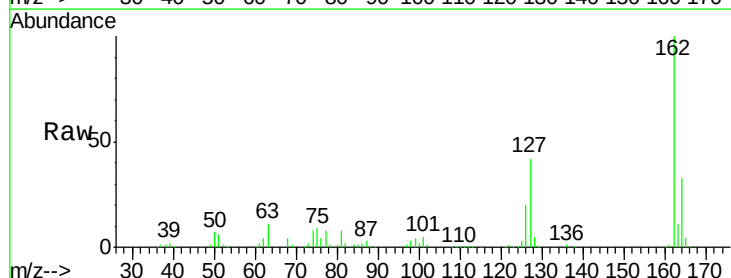


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

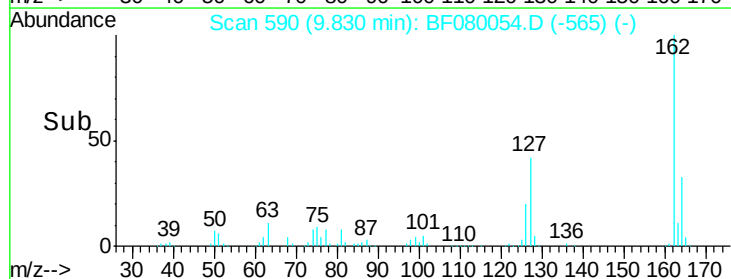
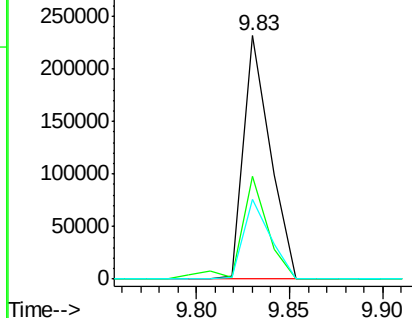


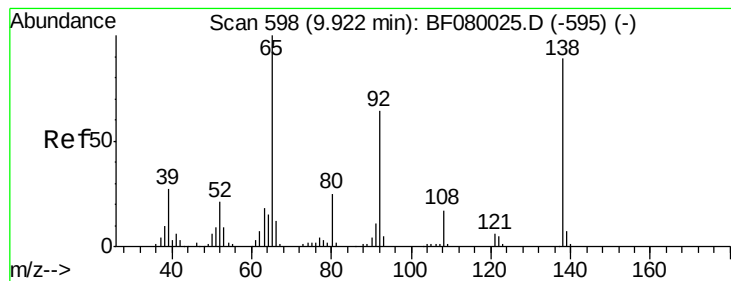
#46
 2-Chloronaphthalene
 Concen: 37.85 ng
 RT: 9.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion:162 Resp: 229377
 Ion Ratio Lower Upper
 162 100
 127 42.0 27.6 41.4#
 164 32.6 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: 39.33 ng

RT: 9.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

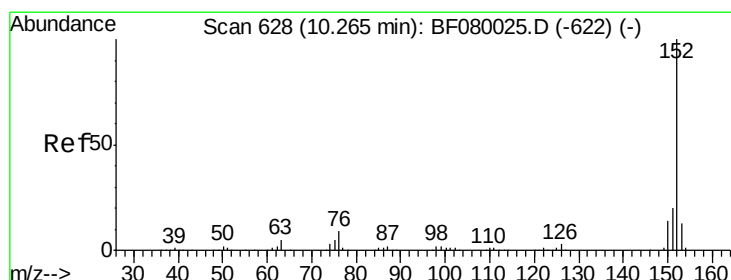
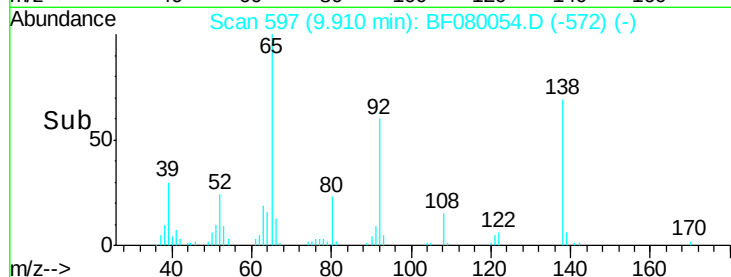
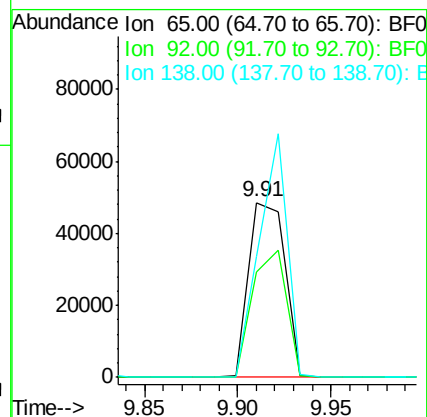
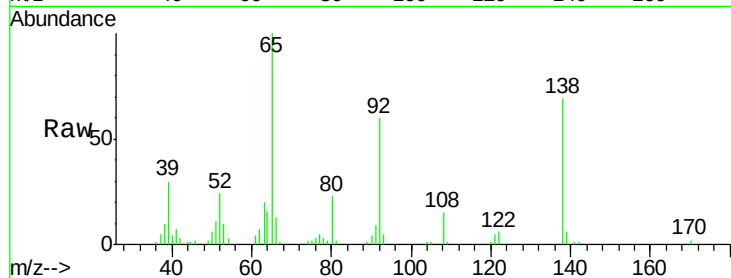
Tgt Ion: 65 Resp: 65428

Ion Ratio Lower Upper

65 100

92 60.2 55.4 83.0

138 69.3 115.5 173.3#



#48

Acenaphthylene

Concen: 38.23 ng

RT: 10.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

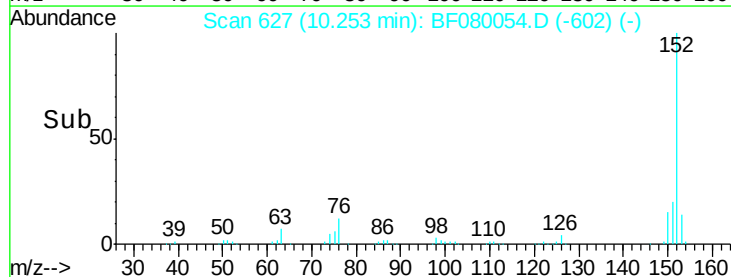
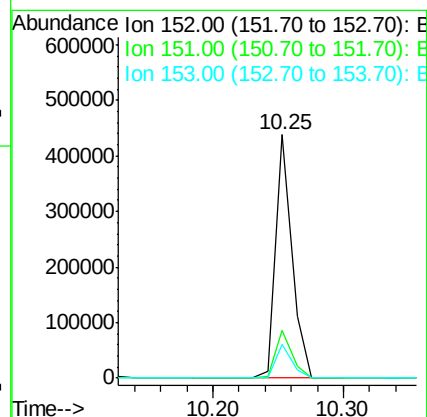
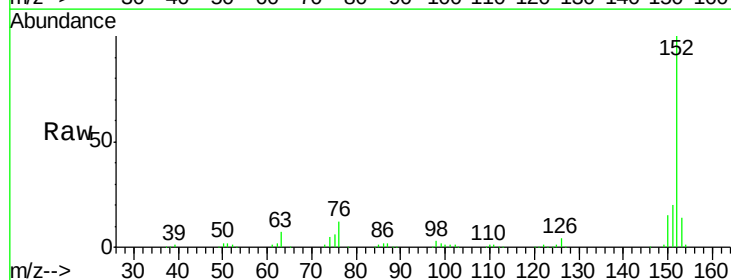
Tgt Ion: 152 Resp: 386720

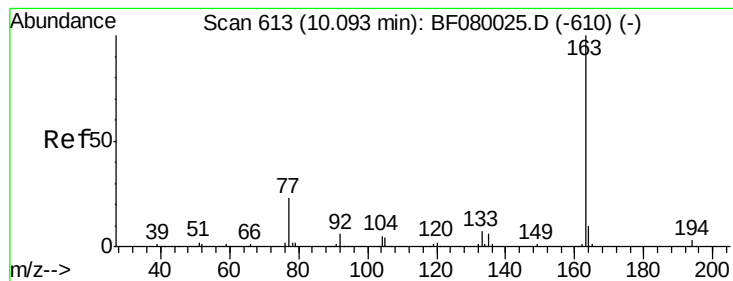
Ion Ratio Lower Upper

152 100

151 19.8 14.6 22.0

153 13.8 10.3 15.5





#49

Dimethylphthalate

Concen: 40.78 ng

RT: 10.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

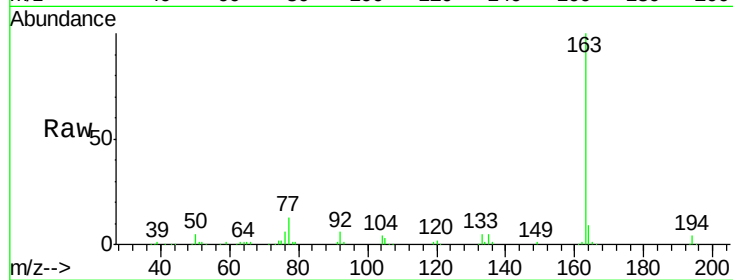
Tgt Ion:163 Resp: 281467

Ion Ratio Lower Upper

163 100

194 3.9 4.4 6.6#

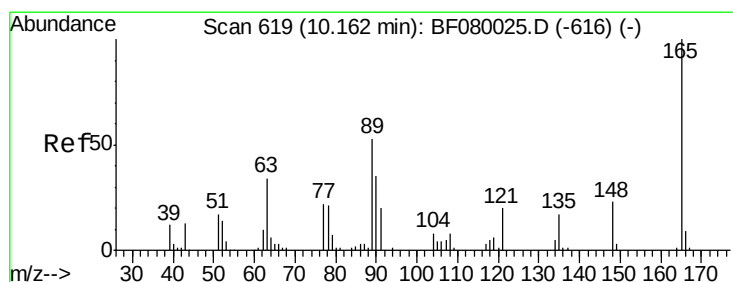
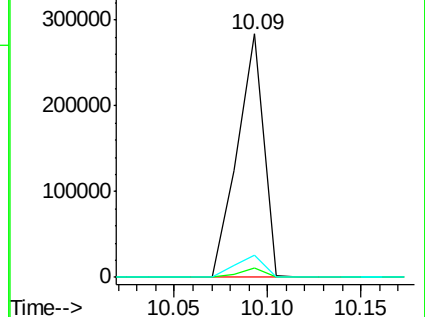
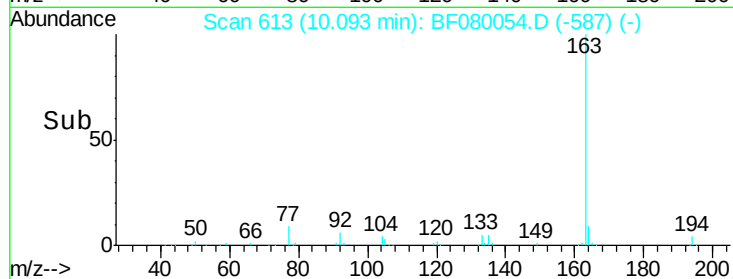
164 9.4 8.3 12.5



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: 40.77 ng

RT: 10.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

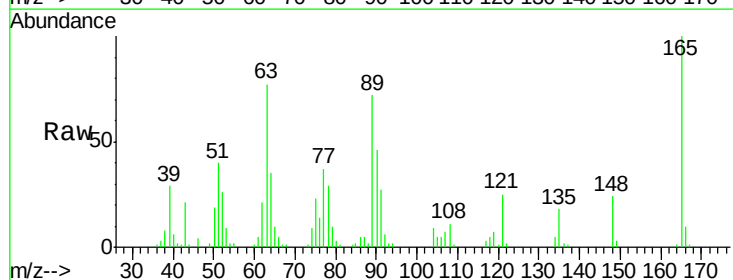
Tgt Ion:165 Resp: 56405

Ion Ratio Lower Upper

165 100

63 77.4 32.3 48.5#

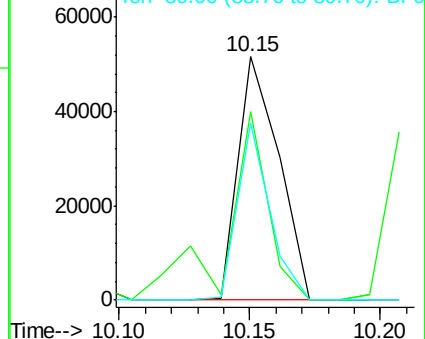
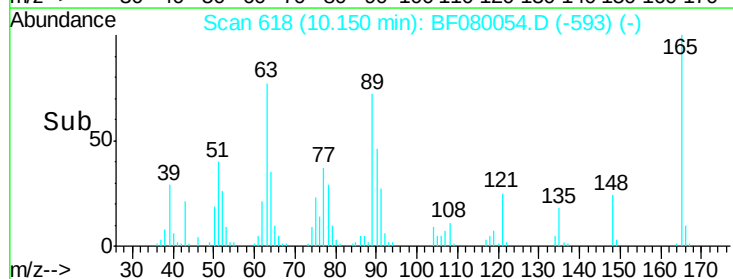
89 72.5 28.6 43.0#

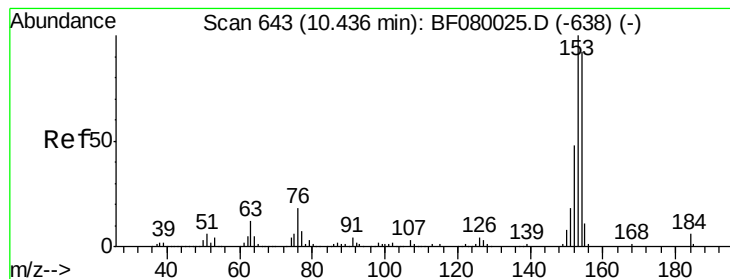


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.88 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

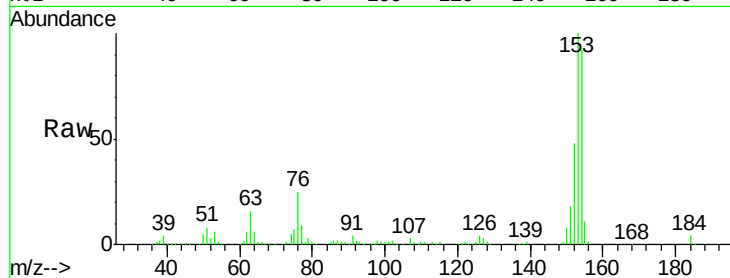
Tgt Ion:154 Resp: 246748

Ion Ratio Lower Upper

154 100

153 108.8 82.1 123.1

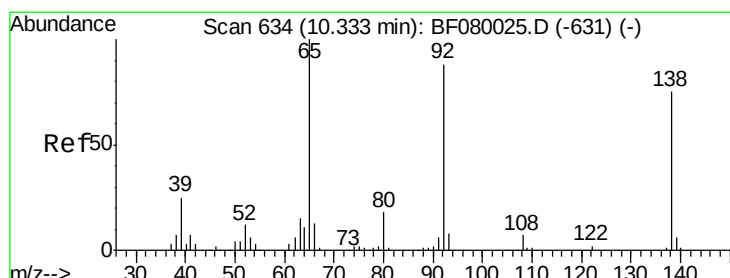
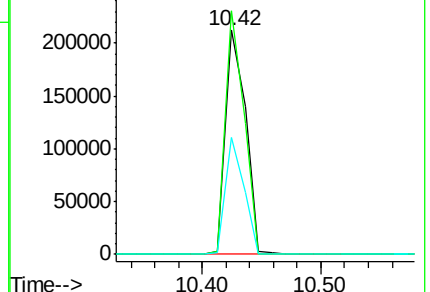
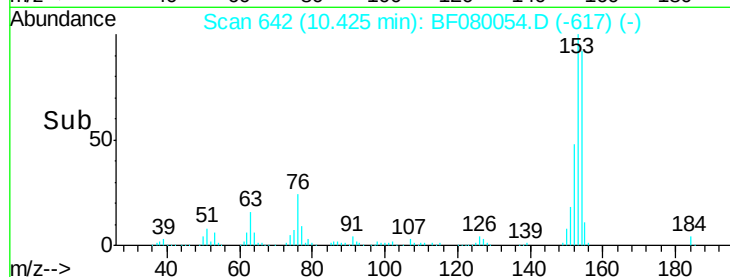
152 52.5 37.9 56.9



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: 24.63 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

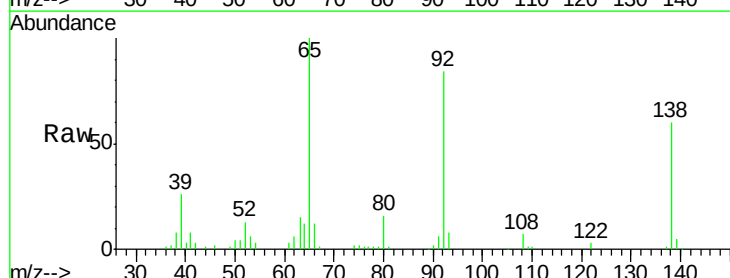
Tgt Ion:138 Resp: 39317

Ion Ratio Lower Upper

138 100

108 11.7 5.7 8.5#

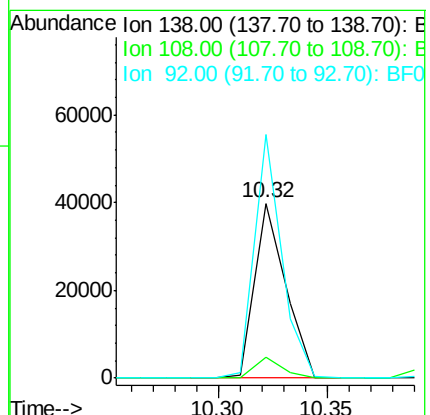
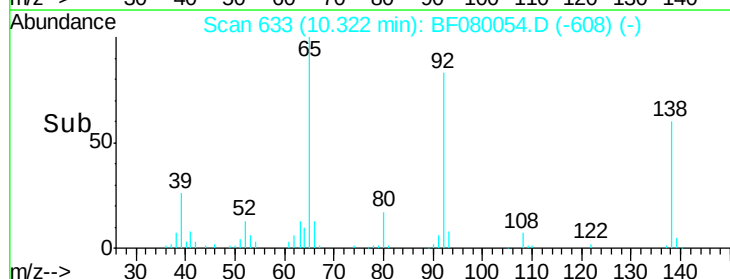
92 139.3 67.7 101.5#

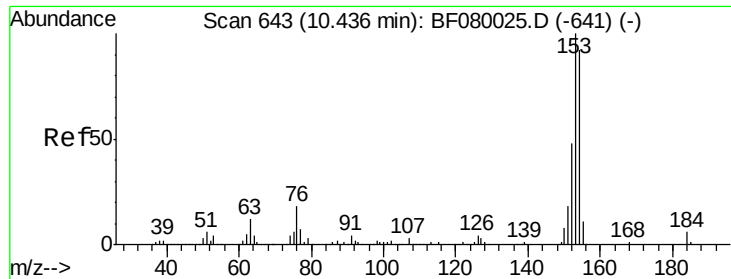


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

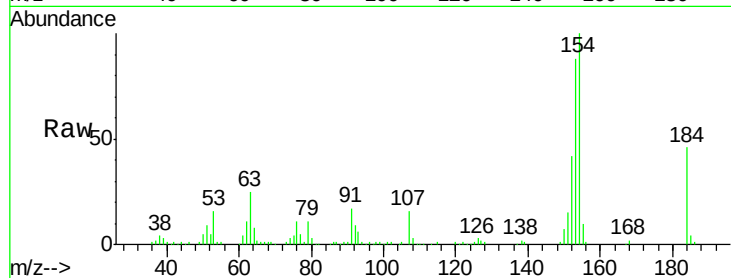




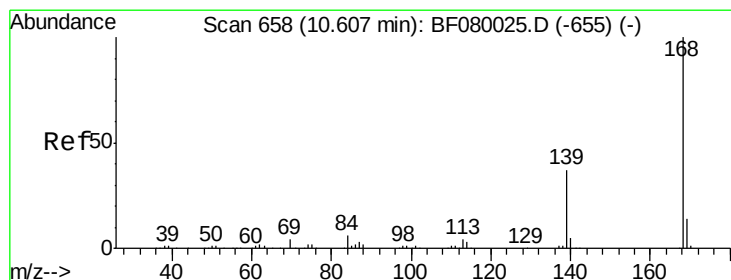
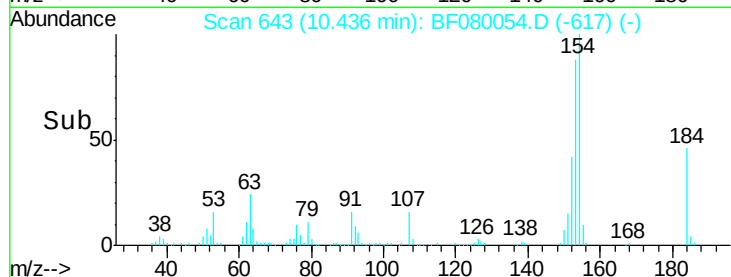
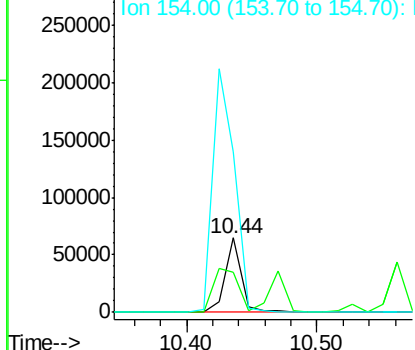
#53
2,4-Dinitrophenol
Concen: 98.07 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

Instrument :
BNA_F
ClientSampleId :
PB84077BS

Tgt Ion:184 Resp: 56026
Ion Ratio Lower Upper
184 100
63 53.1 35.4 53.2
154 215.5 32.2 48.4#

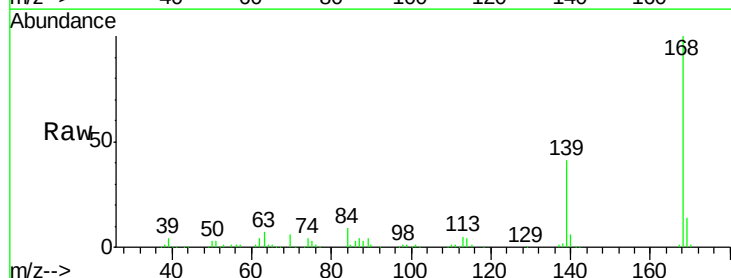


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

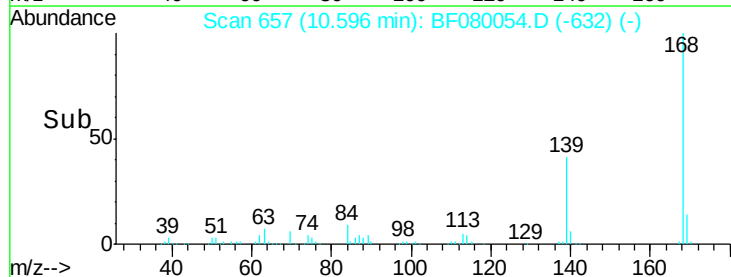
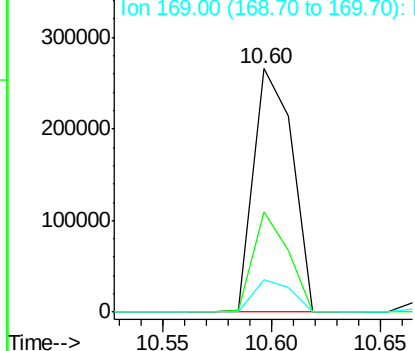


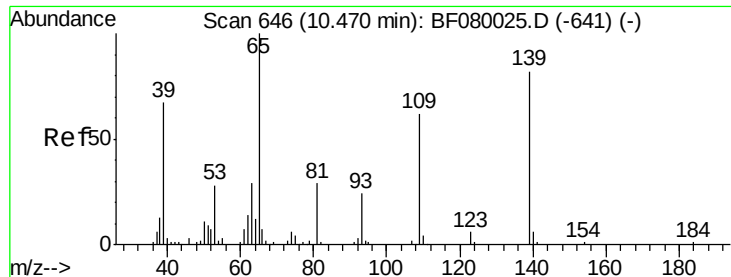
#54
Dibenzofuran
Concen: 37.82 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

Tgt Ion:168 Resp: 332084
Ion Ratio Lower Upper
168 100
139 41.4 24.2 36.2#
169 13.6 10.6 15.8



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





#55

4-Nitrophenol

Concen: 87.52 ng

RT: 10.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

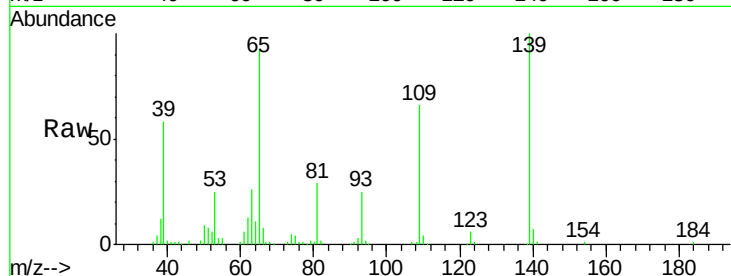
Tgt Ion:139 Resp: 111672

Ion Ratio Lower Upper

139 100

109 65.5 12.7 52.7#

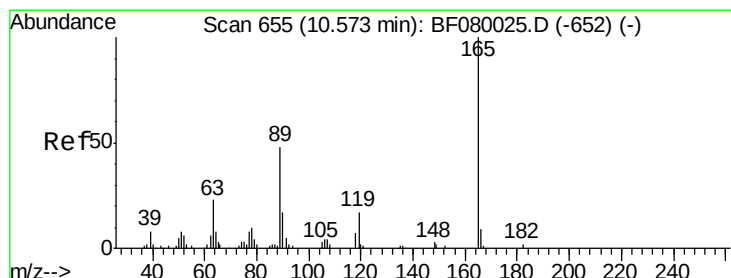
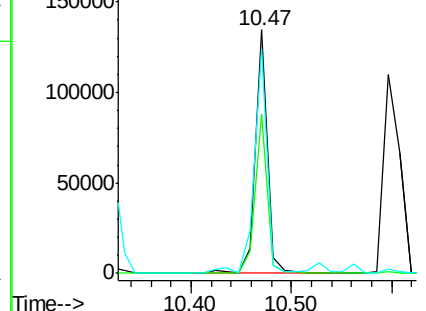
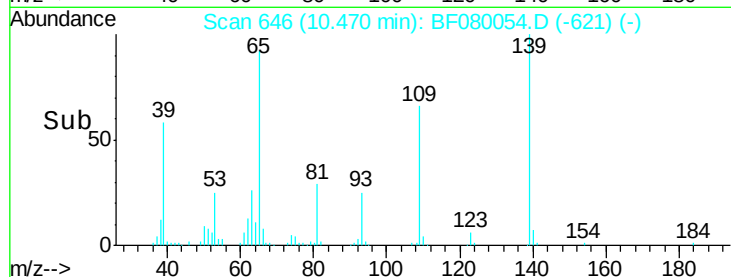
65 92.1 45.9 85.9#



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: 48.11 ng

RT: 10.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Tgt Ion:165 Resp: 84459

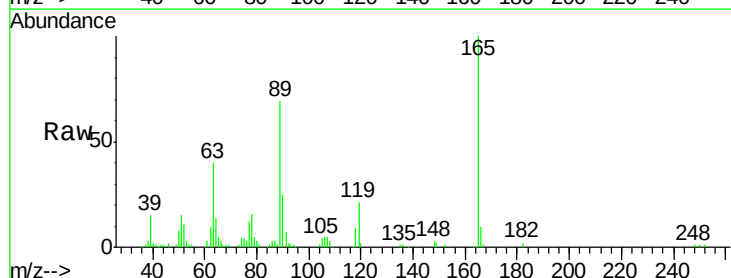
Ion Ratio Lower Upper

165 100

63 40.2 29.8 44.6

89 69.1 44.5 66.7#

182 2.3 3.0 4.4#

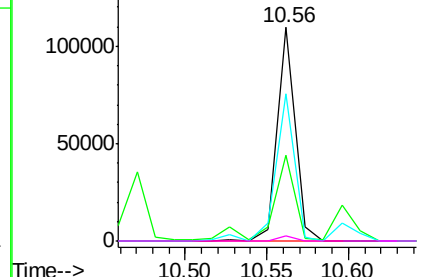
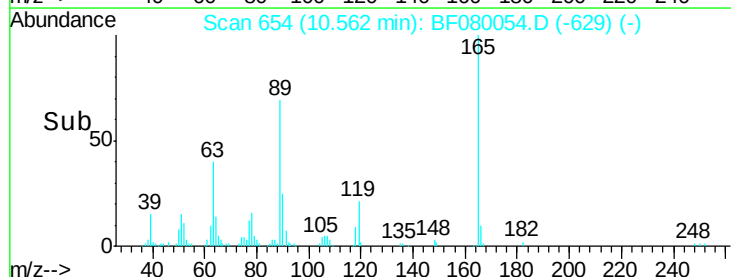


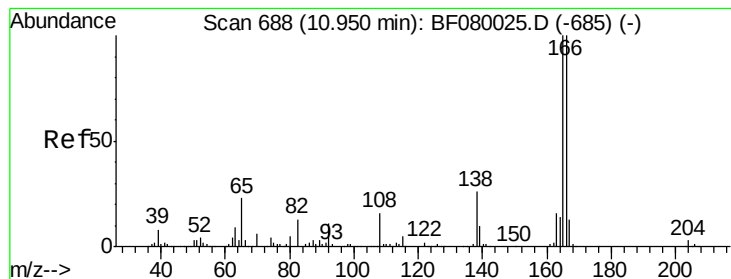
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.76 ng

RT: 10.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

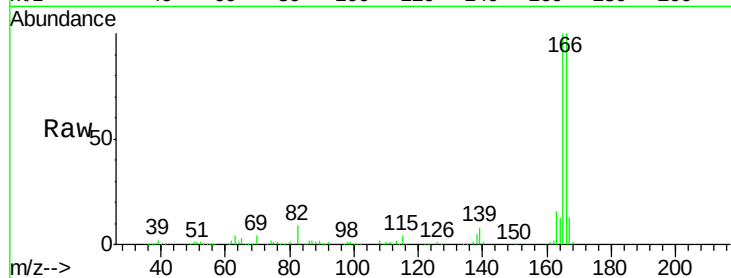
Tgt Ion:166 Resp: 283976

Ion Ratio Lower Upper

166 100

165 99.9 72.6 109.0

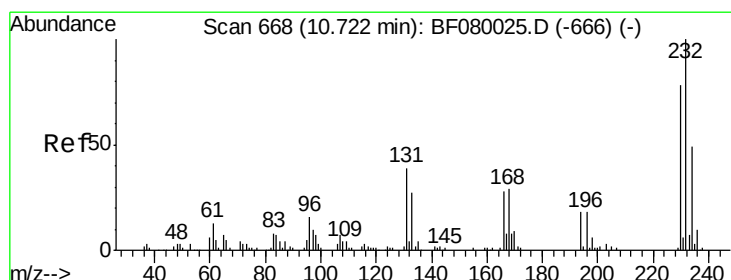
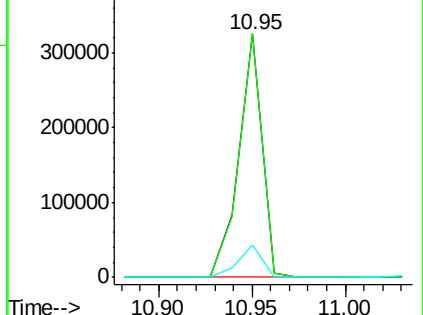
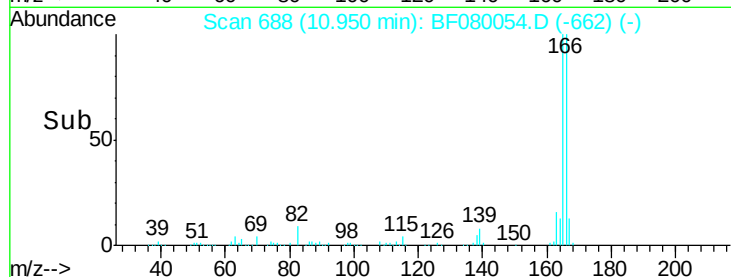
167 13.5 10.6 16.0



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: 39.33 ng

RT: 10.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Tgt Ion:232 Resp: 69539

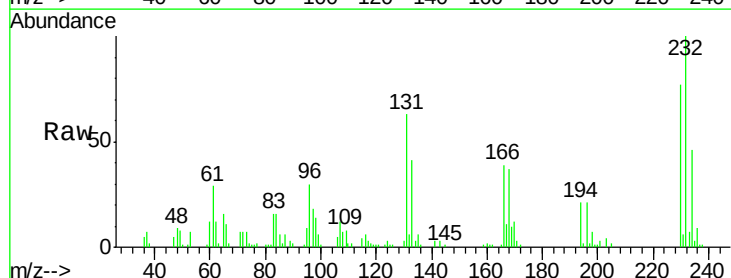
Ion Ratio Lower Upper

232 100

131 45.5 38.5 57.7

130 2.2 1.8 2.6

166 29.9 25.0 37.6

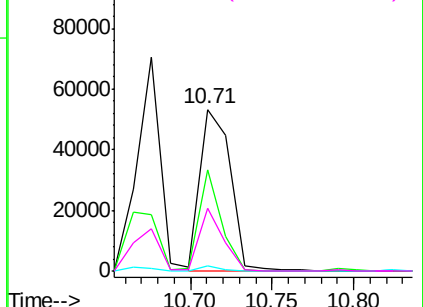
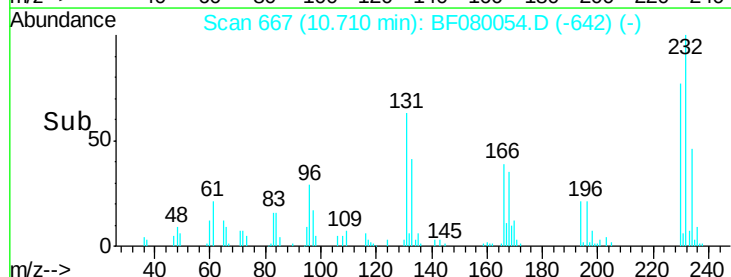


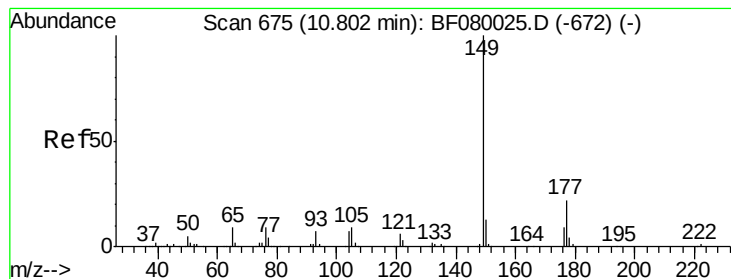
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.96 ng

RT: 10.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

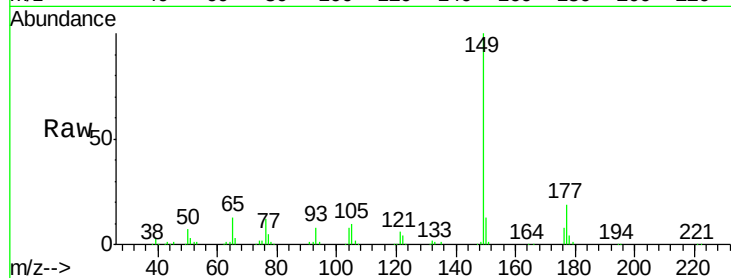
Tgt Ion:149 Resp: 270772

Ion Ratio Lower Upper

149 100

177 19.3 17.5 26.3

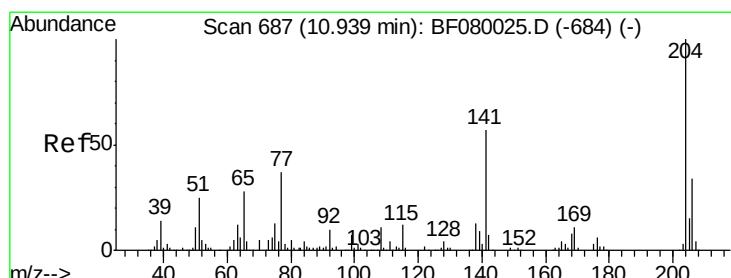
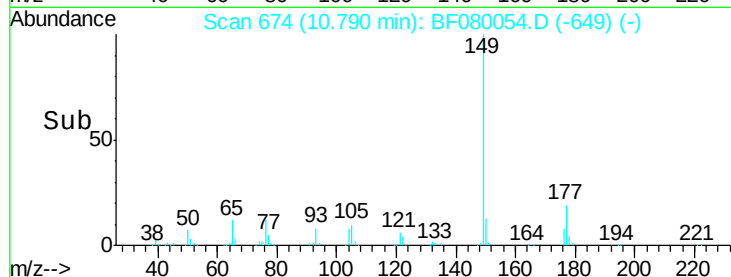
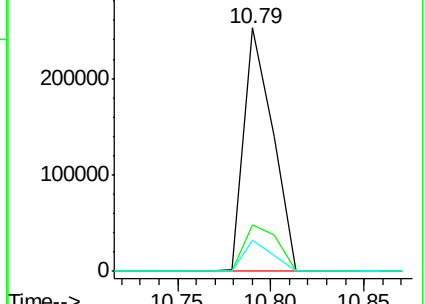
150 12.9 9.4 14.2



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: 38.27 ng

RT: 10.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

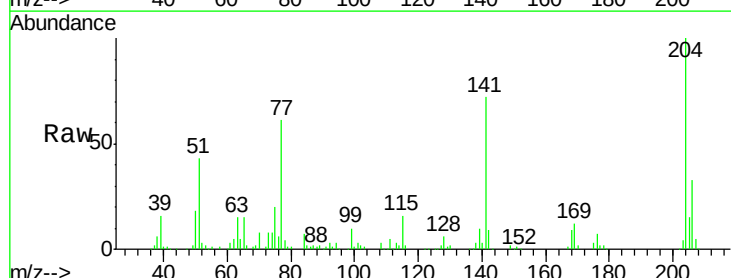
Tgt Ion:204 Resp: 128140

Ion Ratio Lower Upper

204 100

206 33.2 24.8 37.2

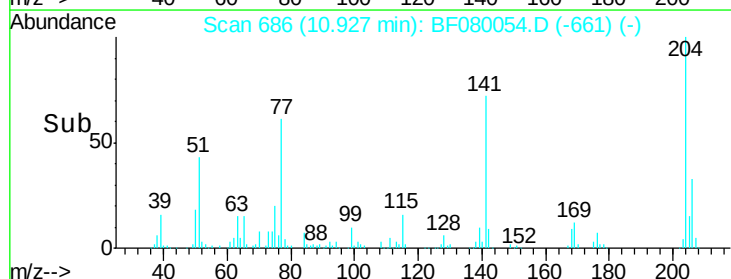
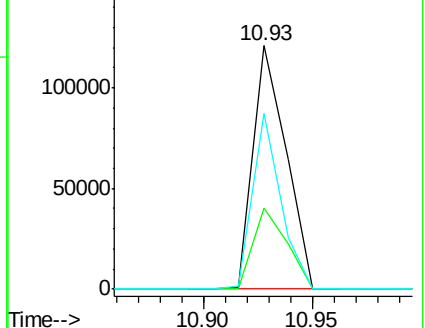
141 72.2 42.2 63.4#

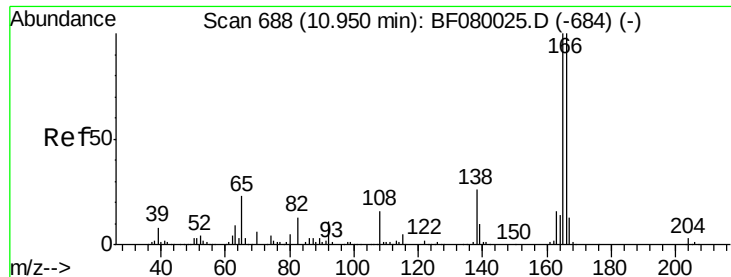


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.12 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

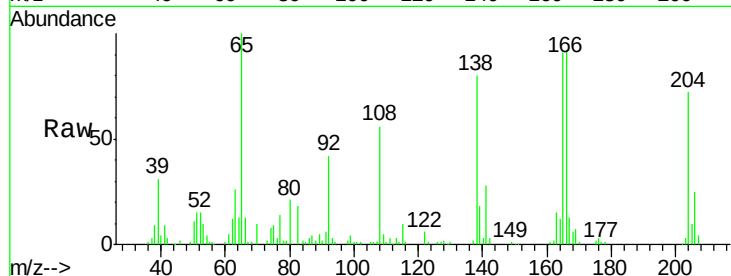
Tgt Ion:138 Resp: 62854

Ion Ratio Lower Upper

138 100

92 52.2 12.6 52.6

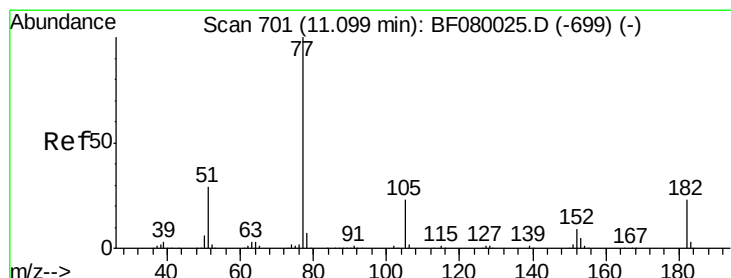
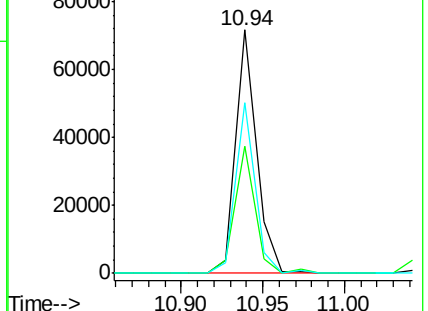
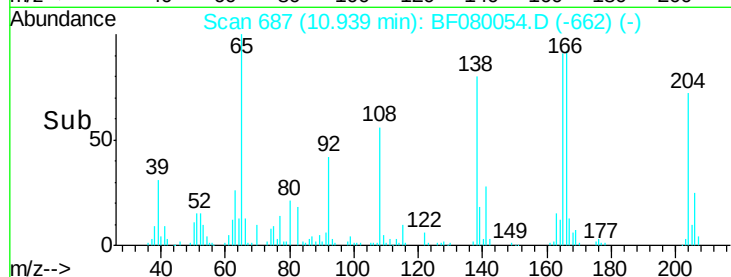
108 70.0 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.10 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Tgt Ion: 77 Resp: 262409

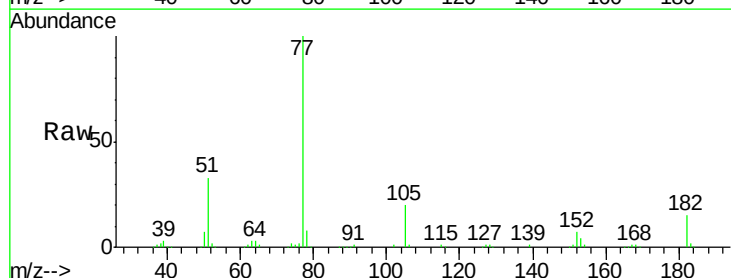
Ion Ratio Lower Upper

77 100

182 15.0 15.1 55.1#

105 20.2 3.4 43.4

51 33.0 12.0 52.0

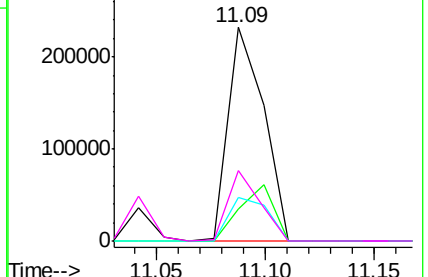
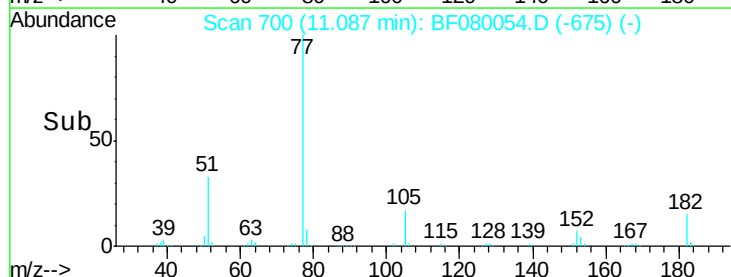


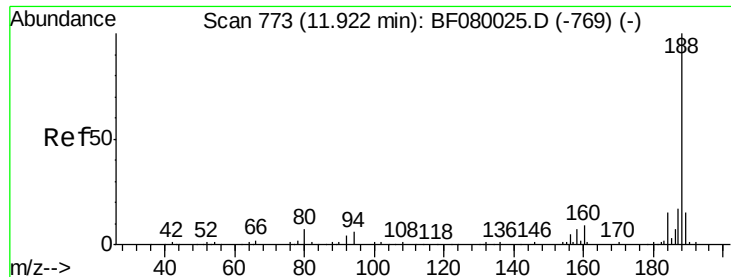
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

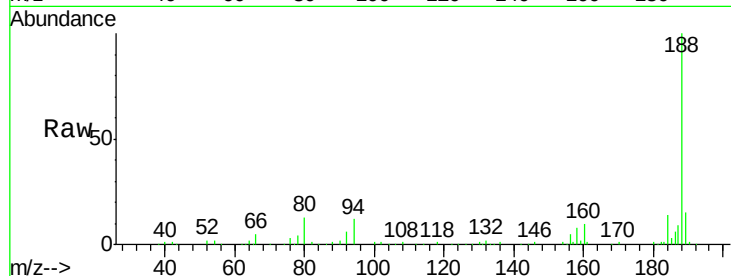




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

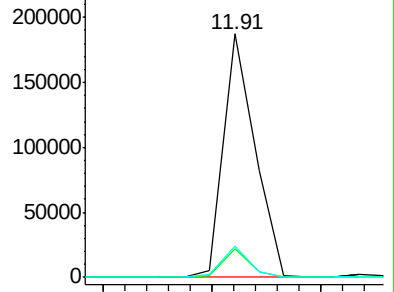
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	11.1	16.7
80	13.0	11.0	16.4



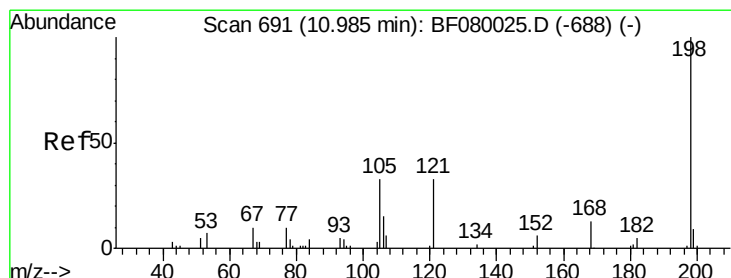
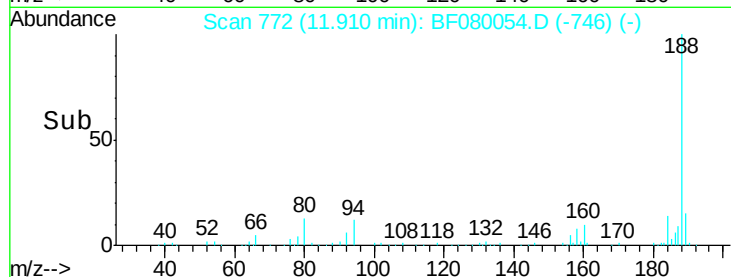
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

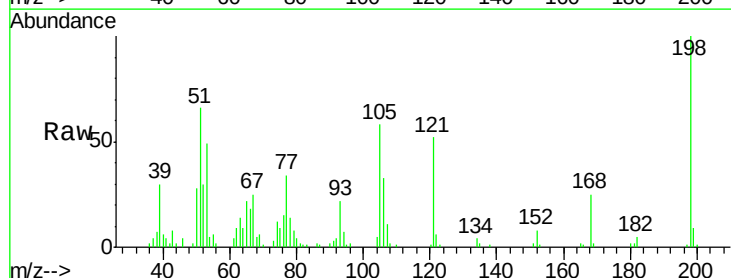


Time--> 11.85 11.90 11.95



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.07 ng
 RT: 10.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

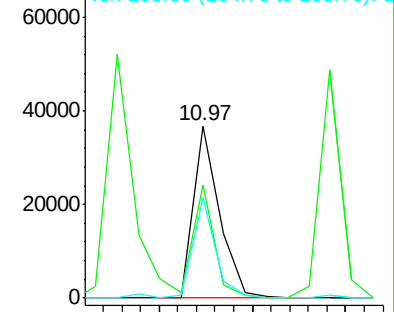
Tgt Ion	Ratio	Lower	Upper
198	100		
51	66.1	39.6	79.6
105	58.1	28.5	68.5



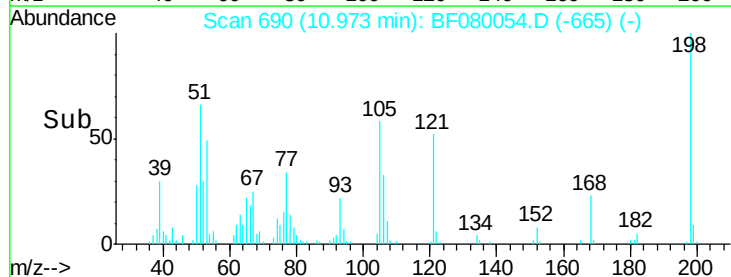
Abundance Ion 198.00 (197.70 to 198.70): E

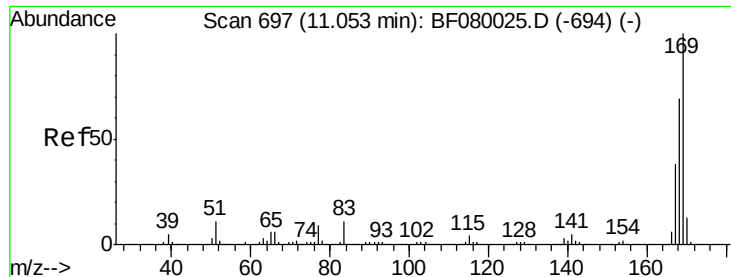
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time--> 10.95 11.00 11.05





#65

n-Nitrosodiphenylamine

Concen: 38.47 ng

RT: 11.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

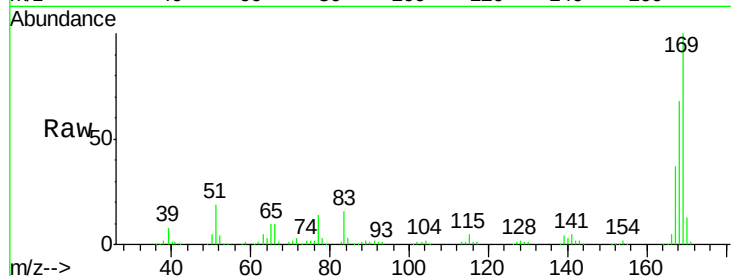
Tgt Ion:169 Resp: 237011

Ion Ratio Lower Upper

169 100

168 67.9 48.9 73.3

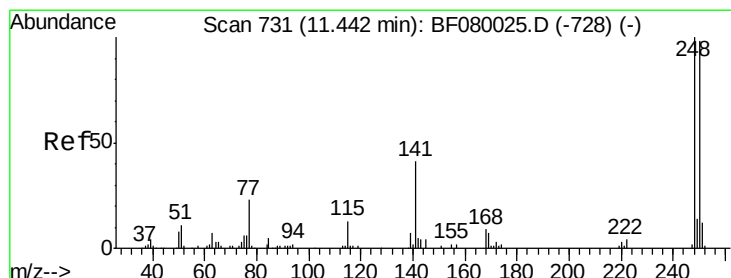
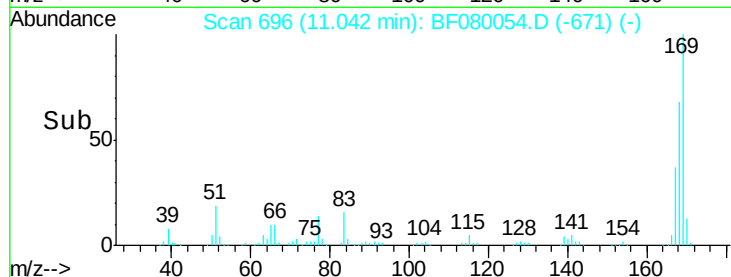
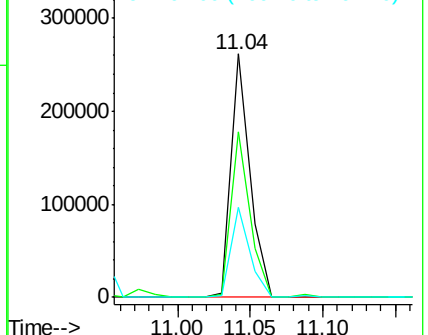
167 37.1 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.80 ng

RT: 11.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

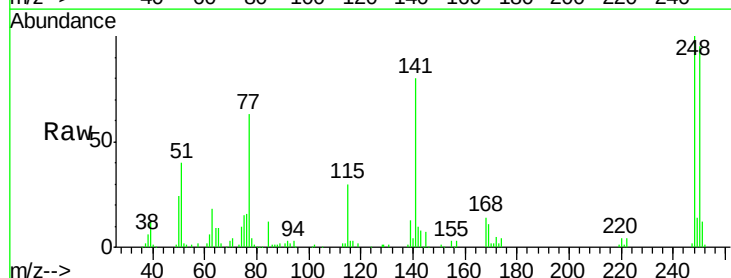
Tgt Ion:248 Resp: 84084

Ion Ratio Lower Upper

248 100

250 94.8 78.5 117.7

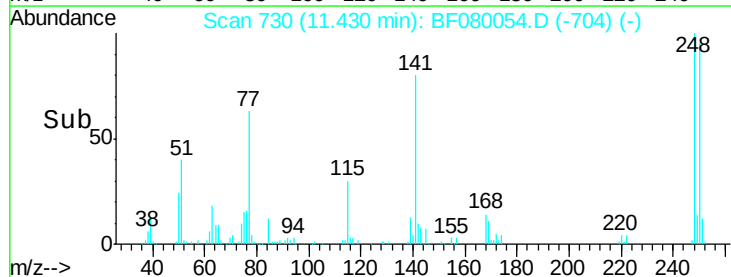
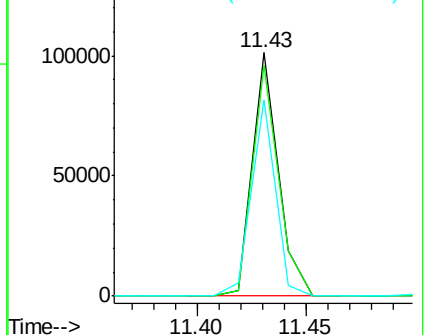
141 80.4 59.0 88.6

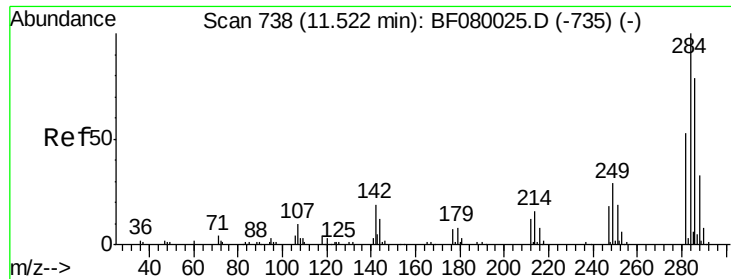


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.00 ng

RT: 11.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

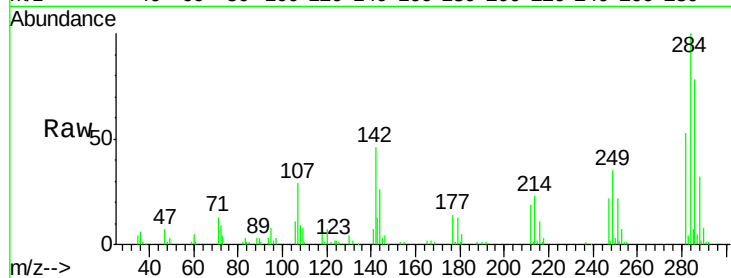
Tgt Ion:284 Resp: 84953

Ion Ratio Lower Upper

284 100

142 45.7 29.5 44.3#

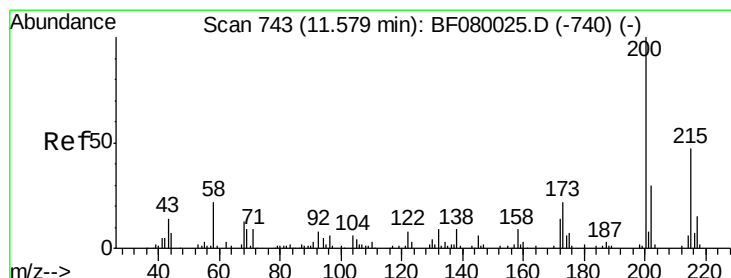
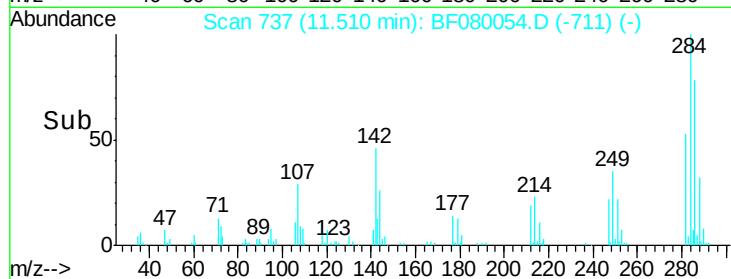
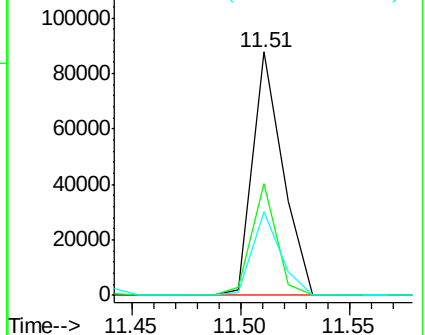
249 34.6 19.5 29.3#



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: 37.94 ng

RT: 11.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

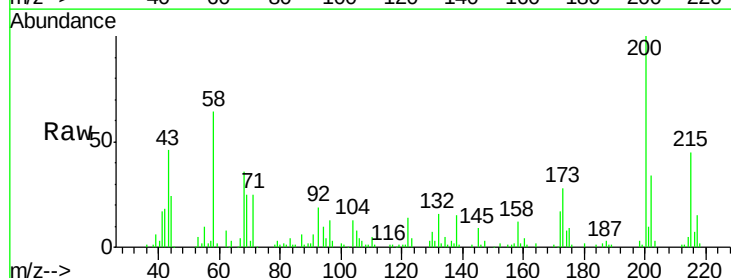
Tgt Ion:200 Resp: 73842

Ion Ratio Lower Upper

200 100

173 28.2 13.2 53.2

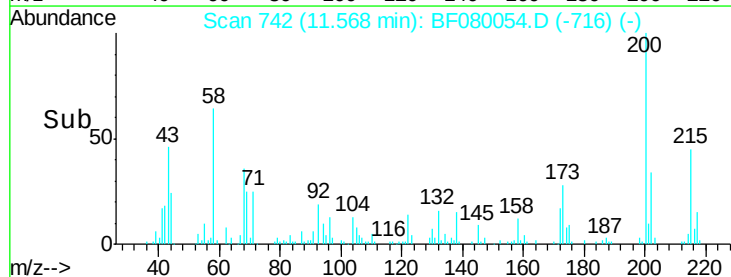
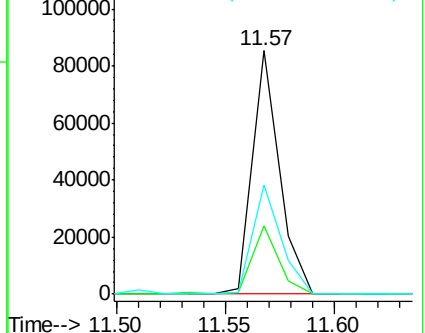
215 44.7 41.8 81.8

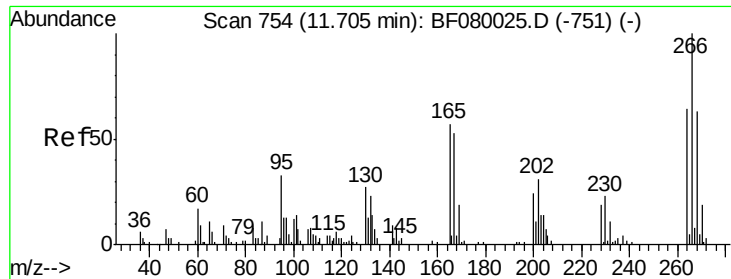


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

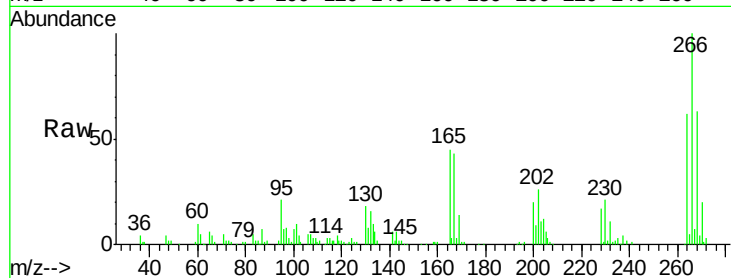




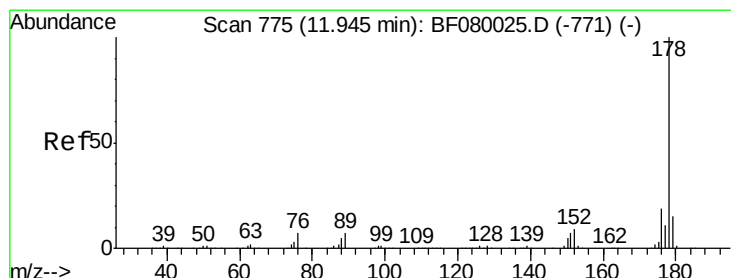
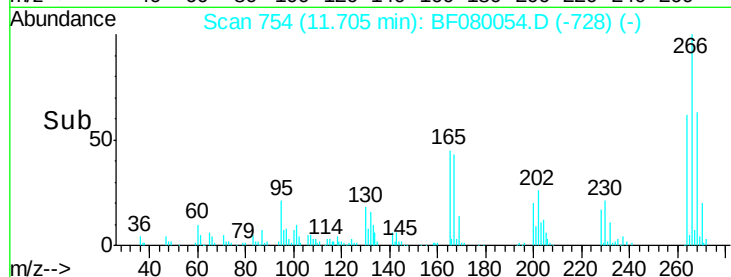
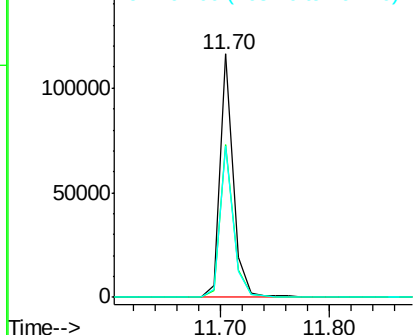
#69
 Pentachlorophenol
 Concen: 79.30 ng
 RT: 11.70 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

Tgt Ion:266 Resp: 100468
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.8 74.6
 264 62.2 50.2 75.2

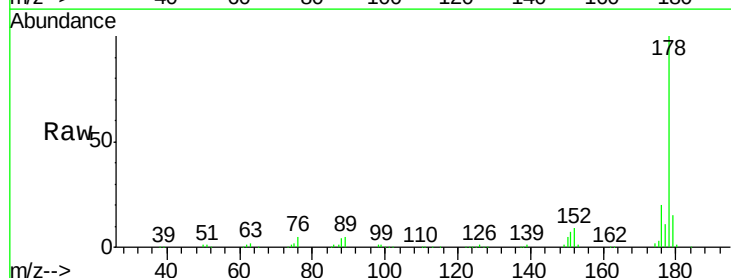


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

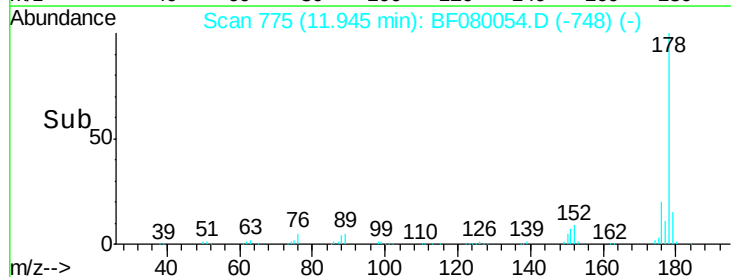
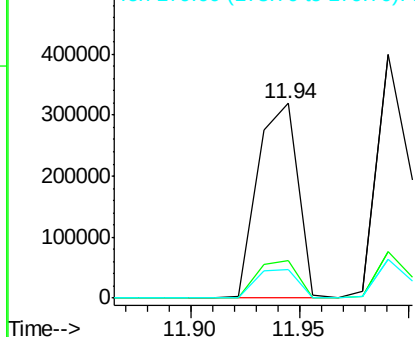


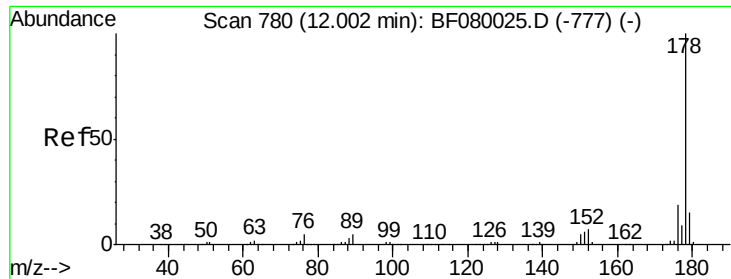
#70
 Phenanthrene
 Concen: 35.97 ng
 RT: 11.94 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion:178 Resp: 412003
 Ion Ratio Lower Upper
 178 100
 176 19.6 13.8 20.8
 179 14.8 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

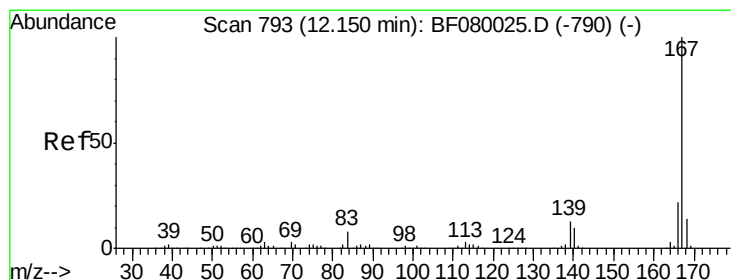
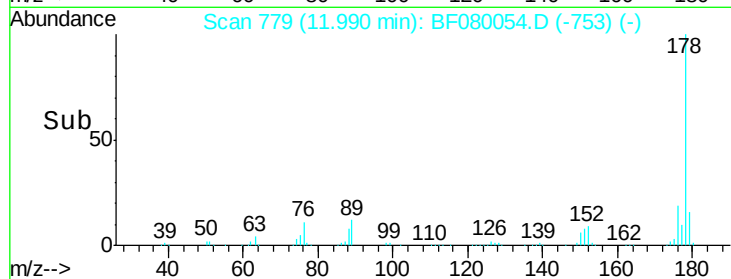
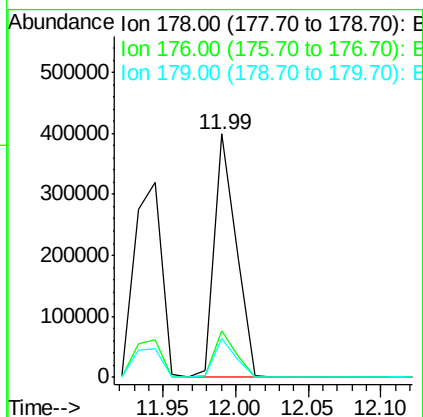
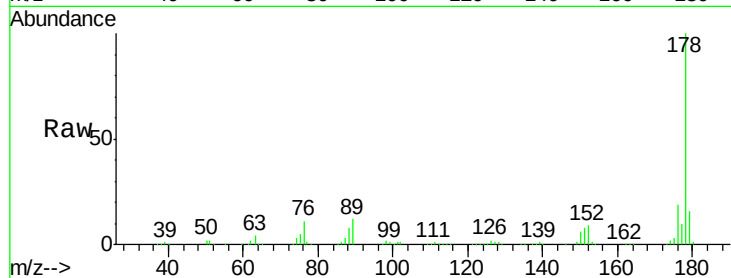




#71
 Anthracene
 Concen: 38.01 ng
 RT: 11.99 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

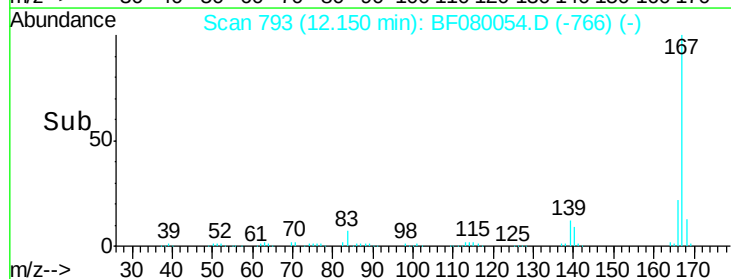
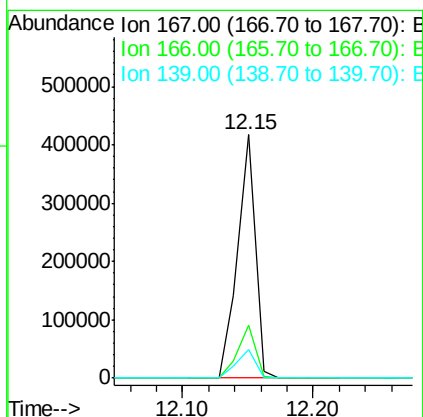
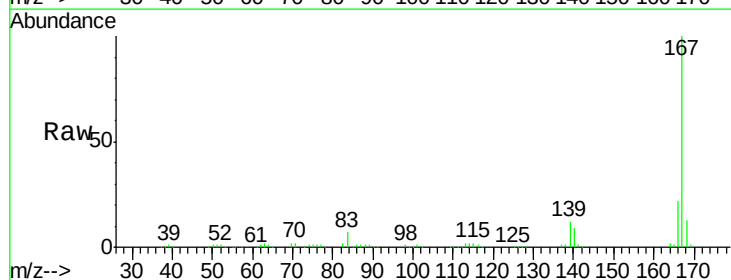
Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

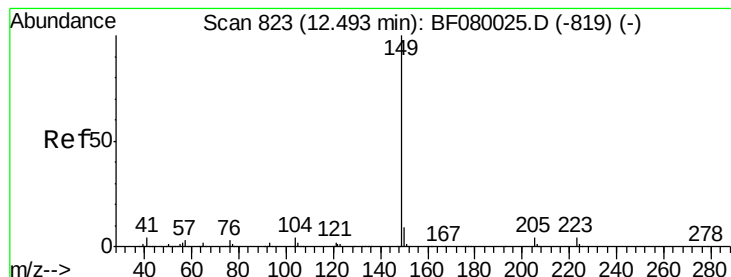
Tgt Ion:178 Resp: 419208
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 16.1 12.2 18.2



#72
 Carbazole
 Concen: 37.32 ng
 RT: 12.15 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion:167 Resp: 392937
 Ion Ratio Lower Upper
 167 100
 166 21.8 15.7 23.5
 139 11.6 9.5 14.3





#73

Di-n-butylphthalate

Concen: 37.69 ng

RT: 12.49 min Scan# 823

Delta R.T. 0.03 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

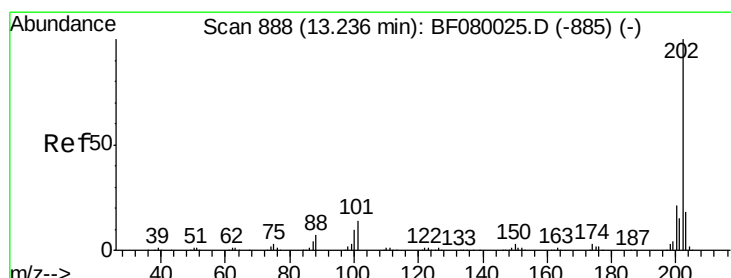
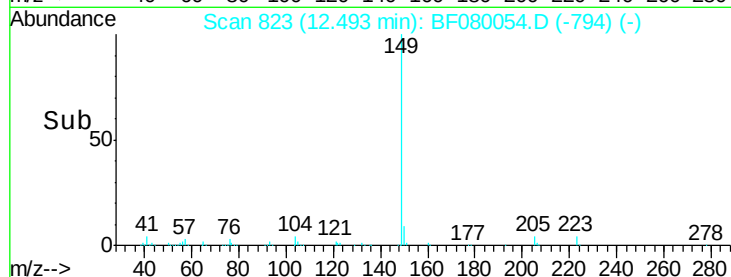
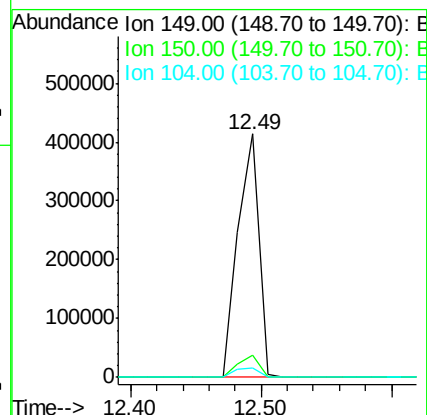
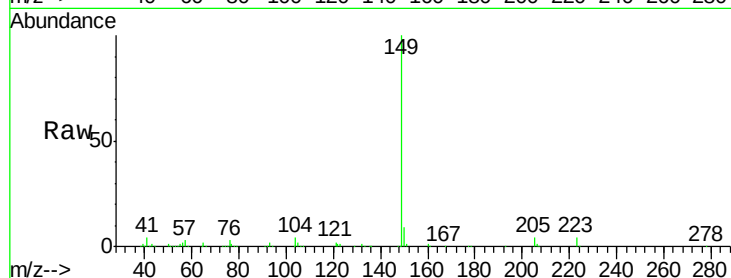
Tgt Ion:149 Resp: 458468

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 3.8 2.4 3.6#



#74

Fluoranthene

Concen: 38.48 ng

RT: 13.25 min Scan# 889

Delta R.T. 0.06 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

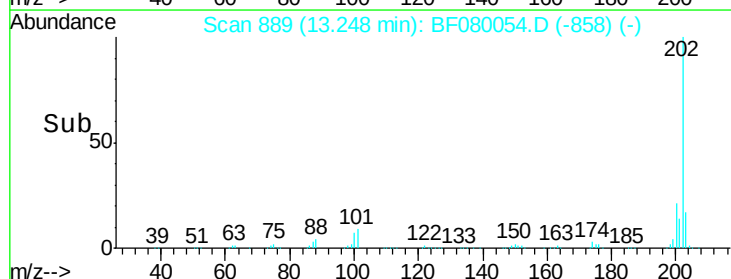
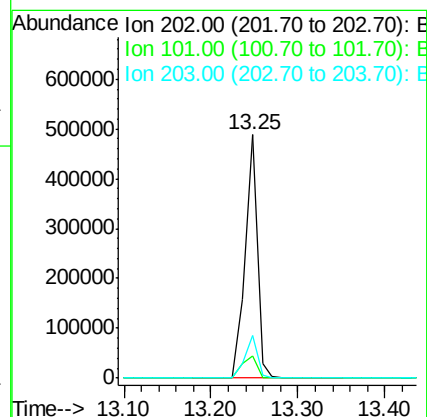
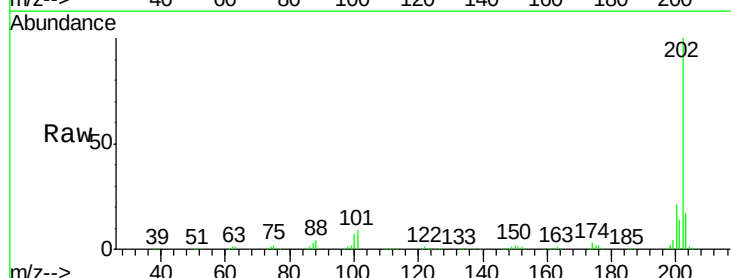
Tgt Ion:202 Resp: 469373

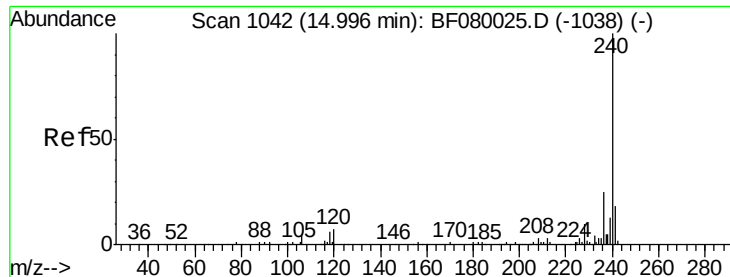
Ion Ratio Lower Upper

202 100

101 9.3 0.0 38.3

203 17.4 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.01 min Scan# 1043

Delta R.T. 0.15 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

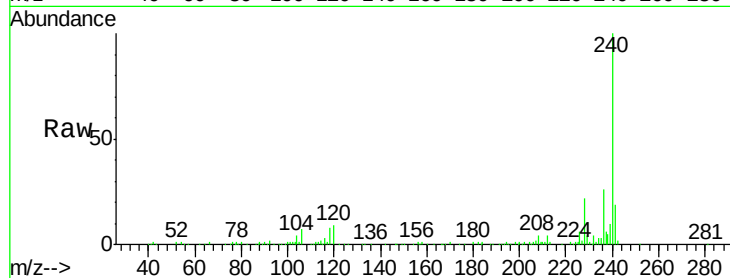
Tgt Ion:240 Resp: 210469

Ion Ratio Lower Upper

240 100

120 9.5 16.2 24.2#

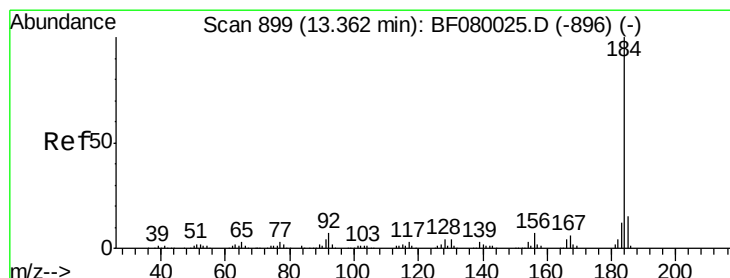
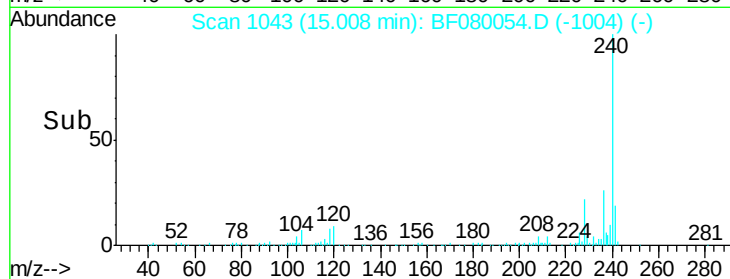
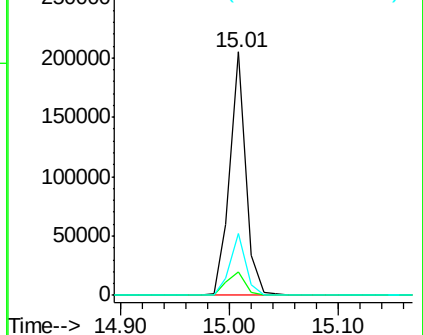
236 25.6 18.4 27.6



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: 46.69 ng

RT: 13.37 min Scan# 900

Delta R.T. 0.07 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

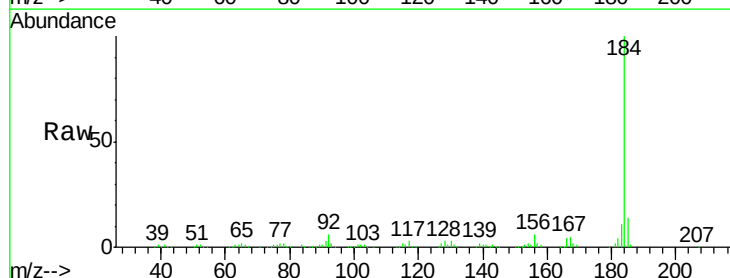
Tgt Ion:184 Resp: 274685

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

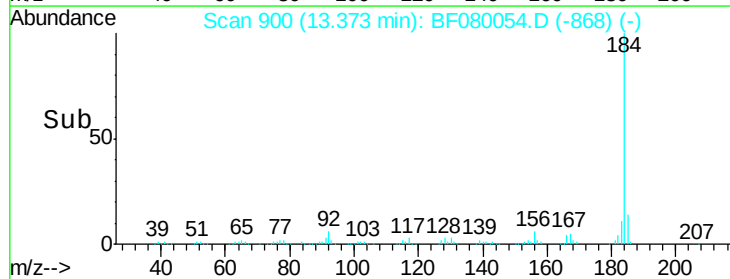
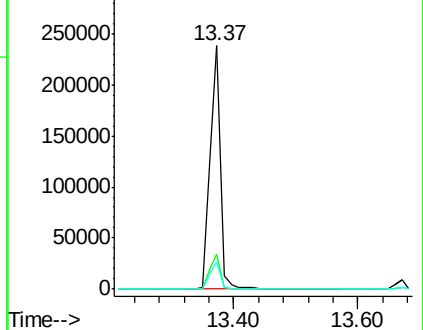
183 11.1 7.6 11.4

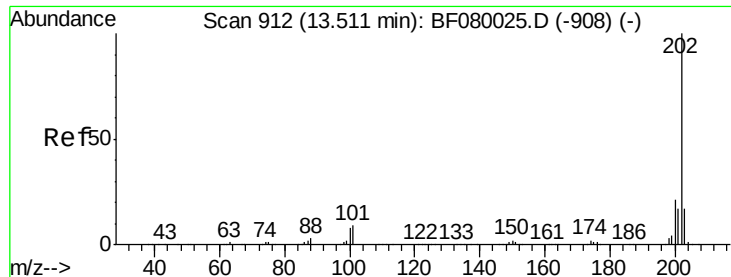


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

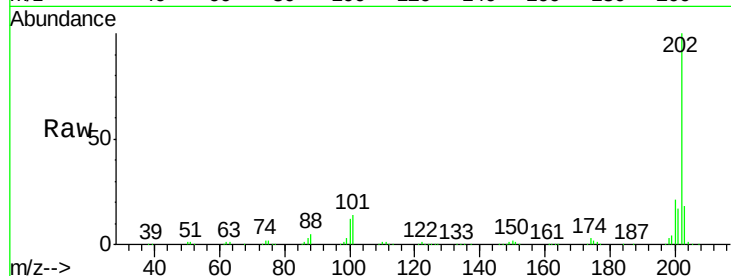




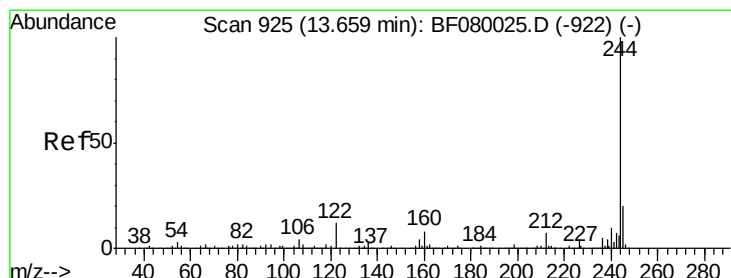
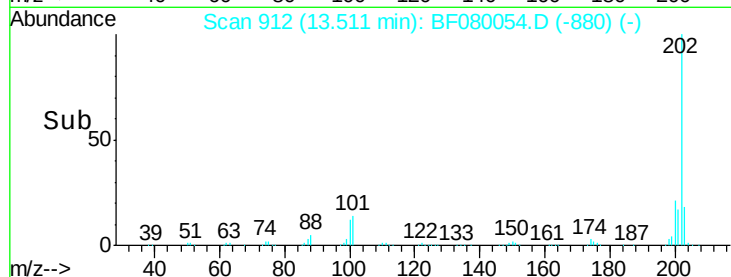
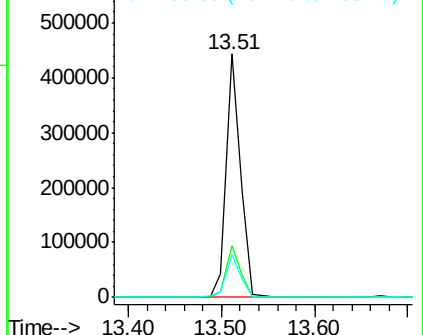
#77
 Pyrene
 Concen: 36.61 ng
 RT: 13.51 min Scan# 912
 Delta R.T. 0.07 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

Tgt Ion: 202 Resp: 474390
 Ion Ratio Lower Upper
 202 100
 200 21.2 15.0 22.4
 203 17.7 14.1 21.1

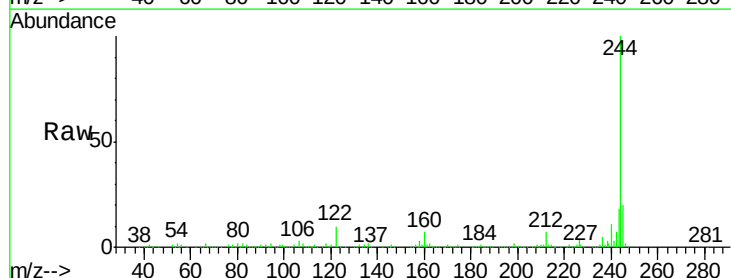


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

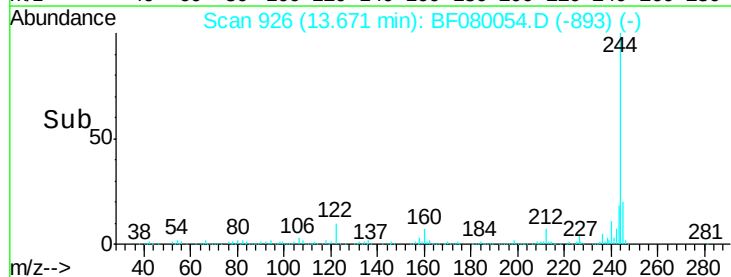
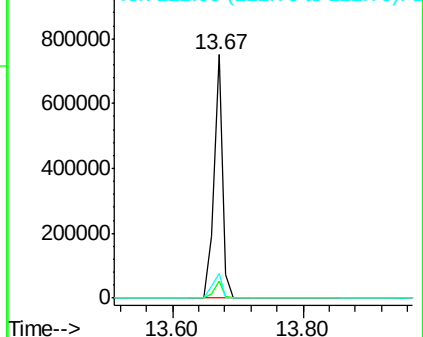


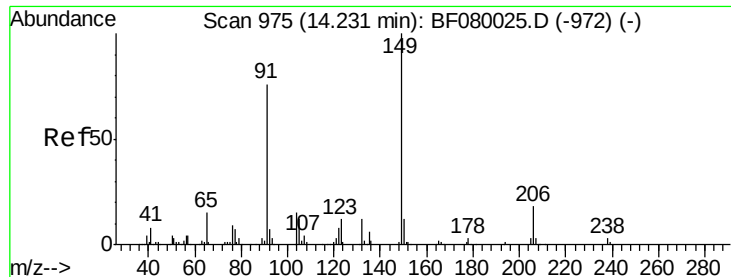
#78
 Terphenyl-d14
 Concen: 78.24 ng
 RT: 13.67 min Scan# 926
 Delta R.T. 0.08 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion: 244 Resp: 705089
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.3 6.5#
 122 10.3 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

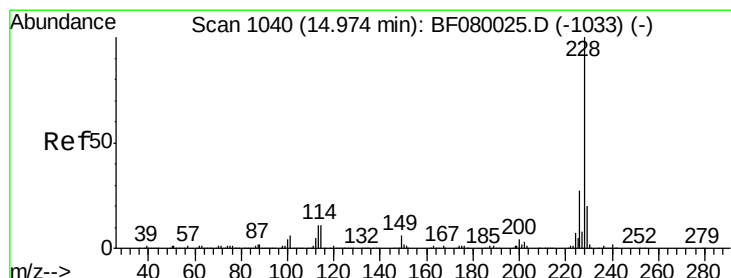
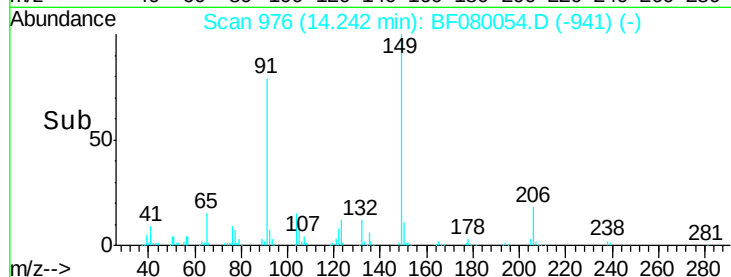
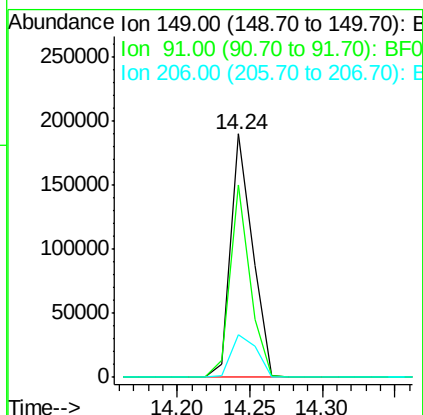
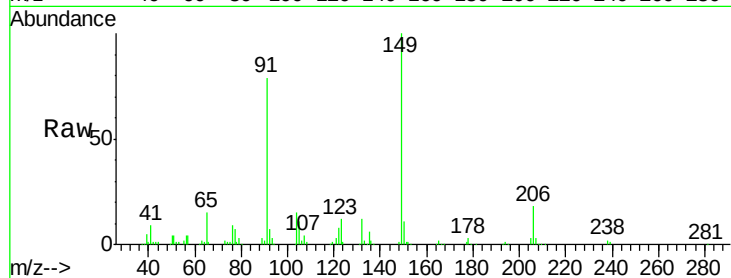




#79
Butylbenzylphthalate
Concen: 38.24 ng
RT: 14.24 min Scan# 976
Delta R.T. 0.10 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

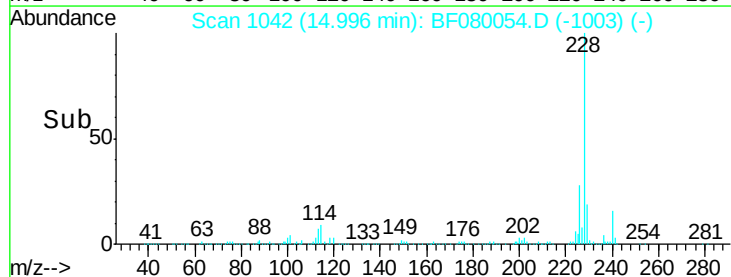
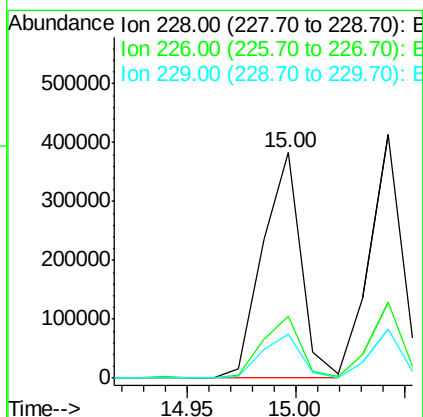
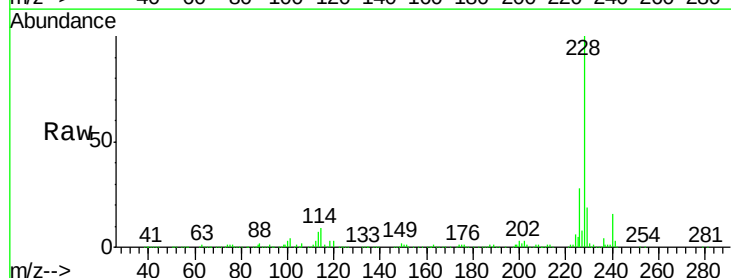
Instrument :
BNA_F
ClientSampleId :
PB84077BS

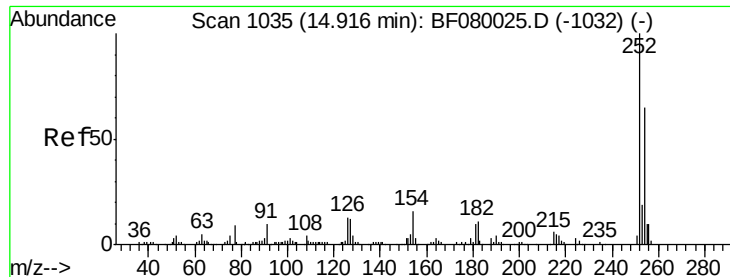
Tgt Ion:149 Resp: 199002
Ion Ratio Lower Upper
149 100
91 79.2 48.6 72.8#
206 17.7 14.9 22.3



#80
Benzo(a)anthracene
Concen: 36.63 ng
RT: 15.00 min Scan# 1042
Delta R.T. 0.15 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

Tgt Ion:228 Resp: 469670
Ion Ratio Lower Upper
228 100
226 27.5 20.0 30.0
229 19.3 15.4 23.2

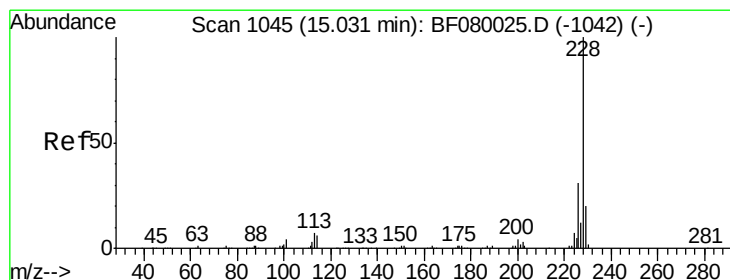
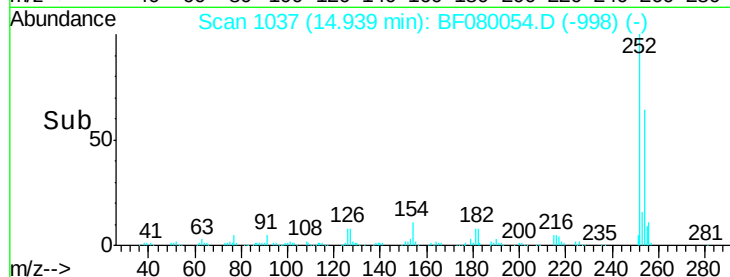
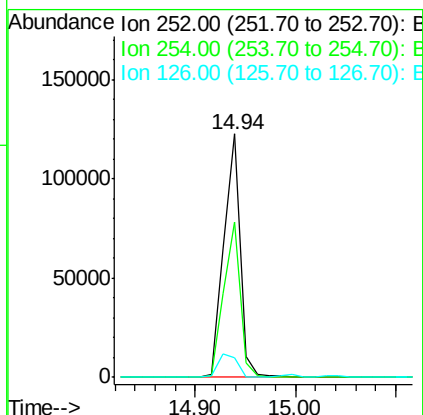
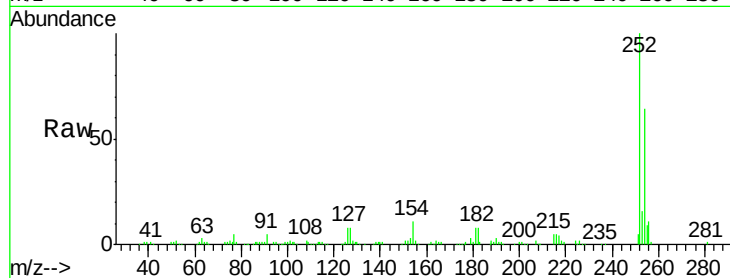




#81
 3,3'-Dichlorobenzidine
 Concen: 31.62 ng
 RT: 14.94 min Scan# 1037
 Delta R.T. 0.15 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

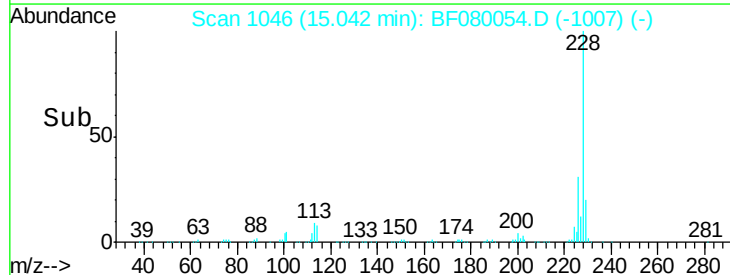
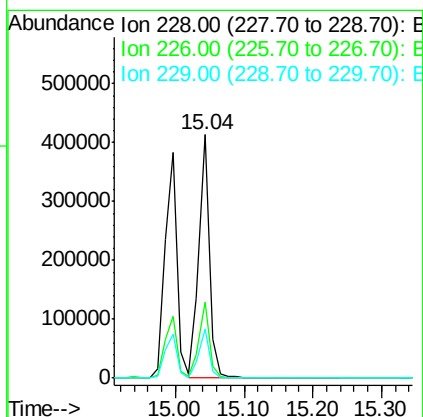
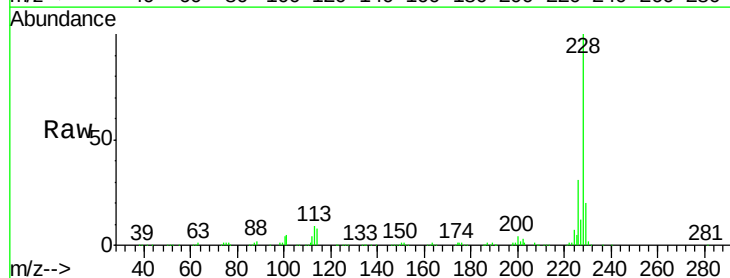
Instrument :
 BNA_F
 ClientSampleId :
 PB84077BS

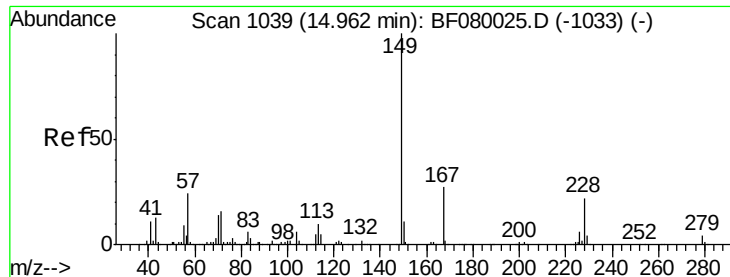
Tgt Ion:252 Resp: 139846
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.4 77.2
 126 7.9 16.4 24.6#



#82
 Chrysene
 Concen: 36.79 ng
 RT: 15.04 min Scan# 1046
 Delta R.T. 0.15 min
 Lab File: BF080054.D
 Acq: 19 Jun 2015 13:08

Tgt Ion:228 Resp: 434943
 Ion Ratio Lower Upper
 228 100
 226 31.0 21.0 31.4
 229 20.2 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.61 ng

RT: 14.97 min Scan# 1040

Delta R.T. 0.15 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

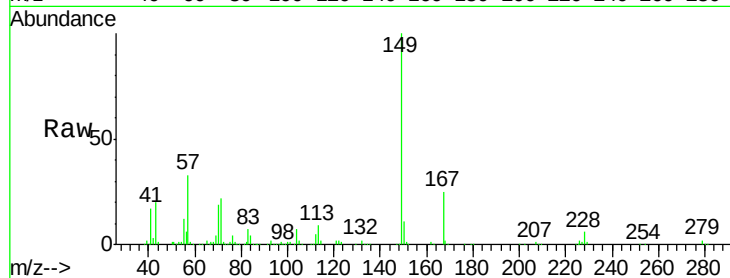
Tgt Ion:149 Resp: 309351

Ion Ratio Lower Upper

149 100

167 24.6 24.2 36.2

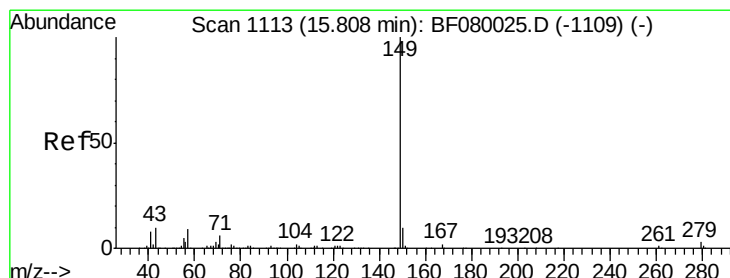
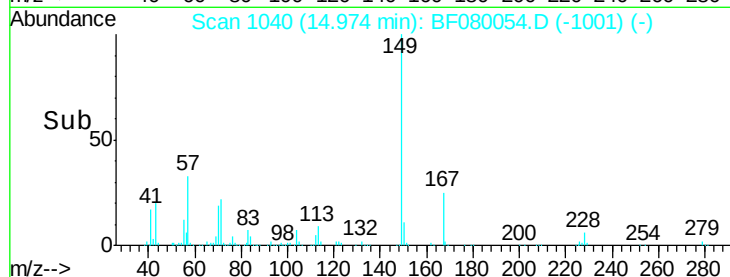
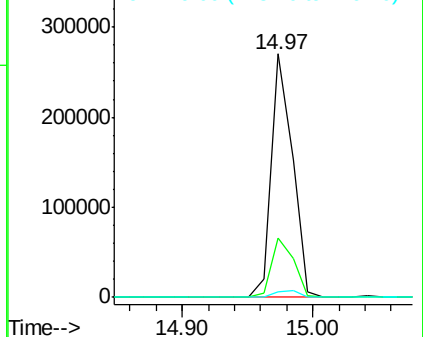
279 2.3 3.8 5.6#



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: 36.01 ng

RT: 15.83 min Scan# 1115

Delta R.T. 0.19 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

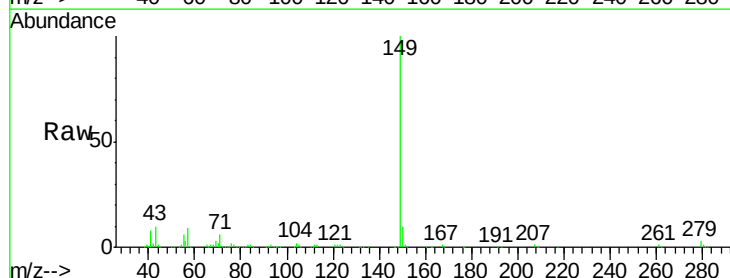
Tgt Ion:149 Resp: 507442

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

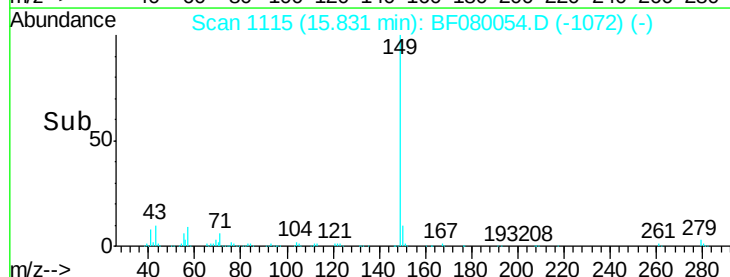
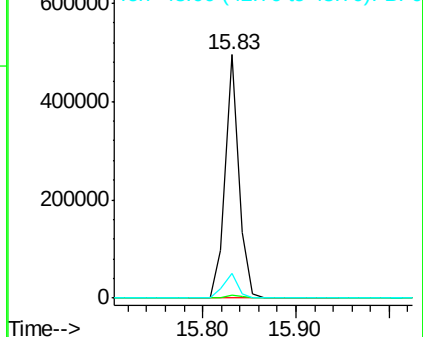
43 10.9 10.2 15.2

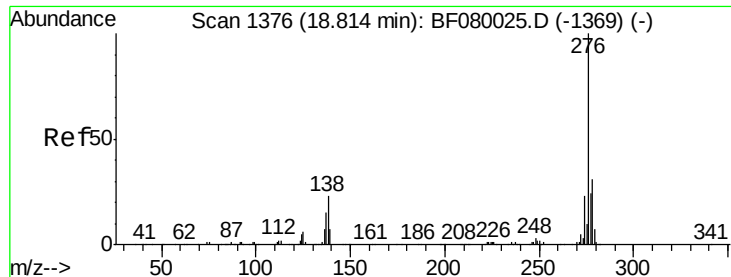


Abundance Ion 149.00 (148.70 to 149.70): E

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: 33.48 ng

RT: 18.83 min Scan# 1377

Delta R.T. 0.21 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

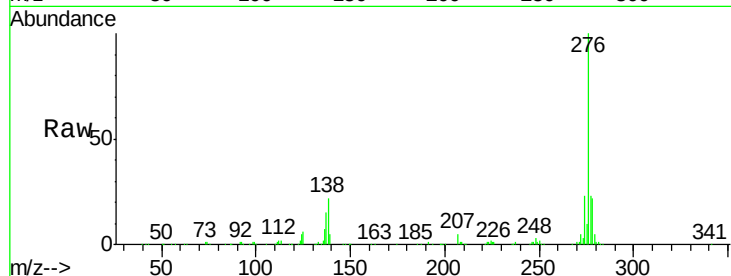
Tgt Ion:276 Resp: 499108

Ion Ratio Lower Upper

276 100

138 25.8 25.7 38.5

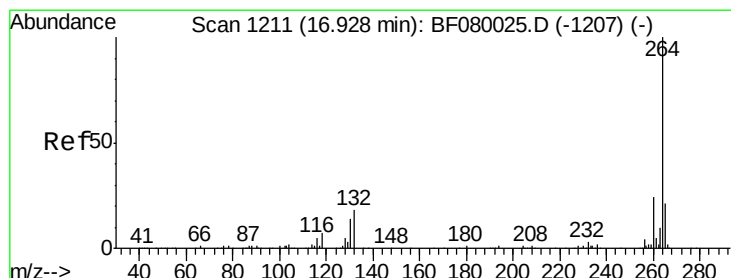
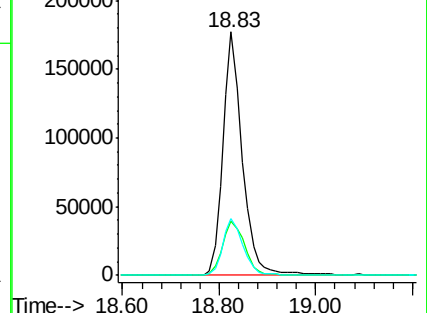
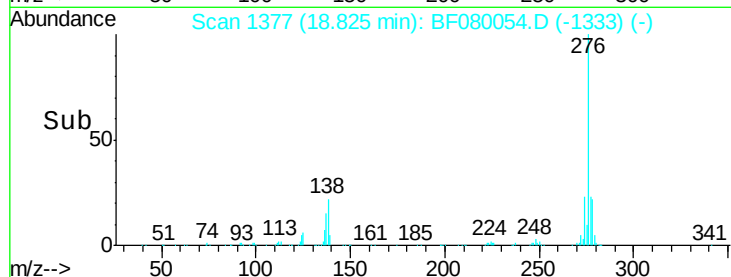
277 24.5 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.95 min Scan# 1213

Delta R.T. 0.21 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

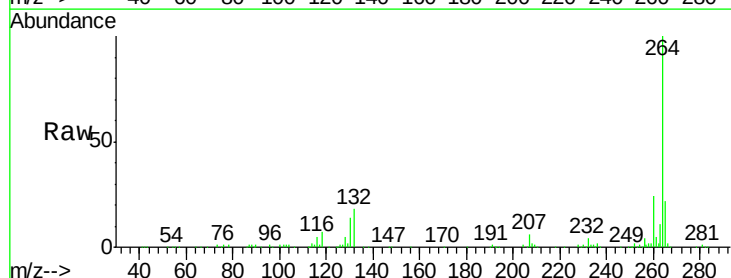
Tgt Ion:264 Resp: 199127

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

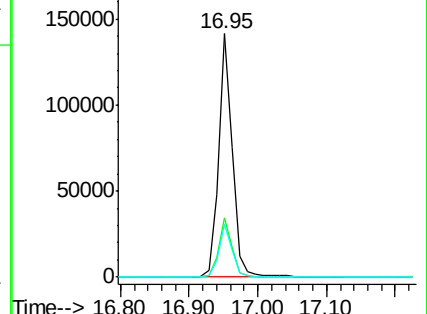
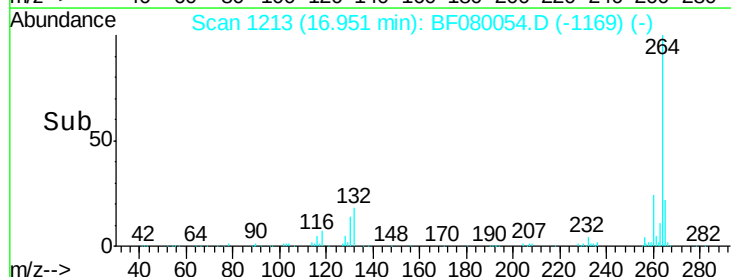
265 21.7 17.2 25.8

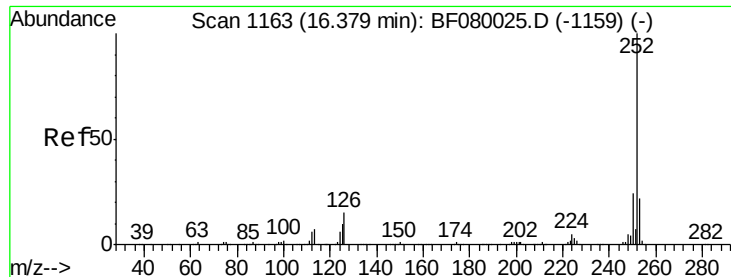


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

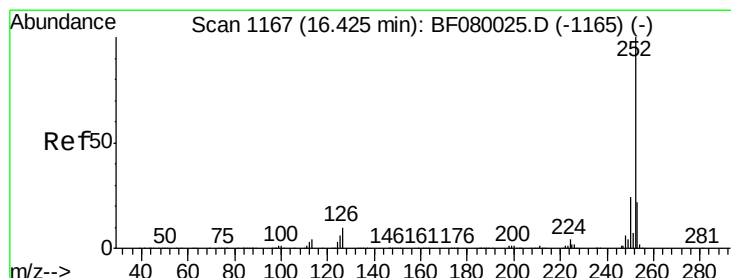
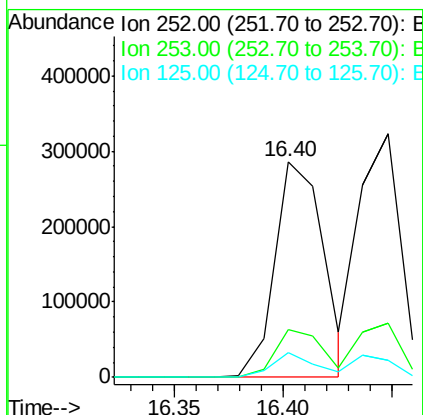
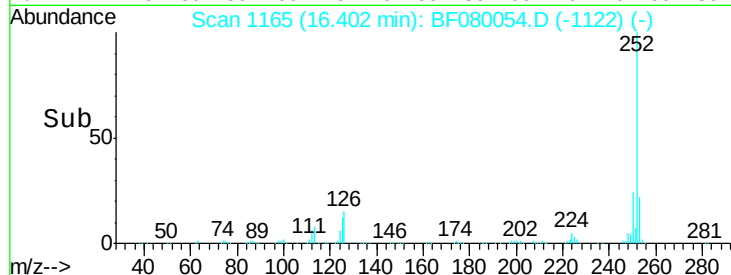
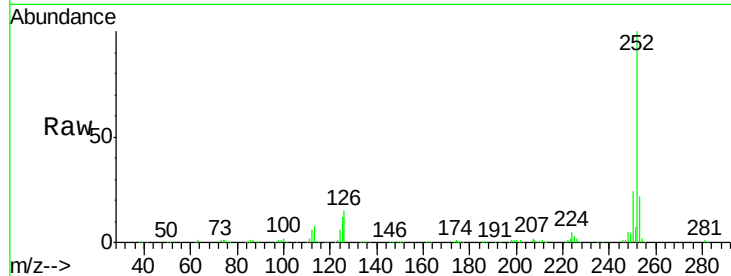




#87
Benzo(b)fluoranthene
Concen: 37.05 ng
RT: 16.40 min Scan# 1165
Delta R.T. 0.19 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

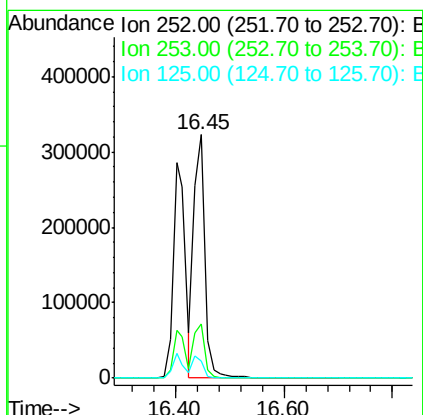
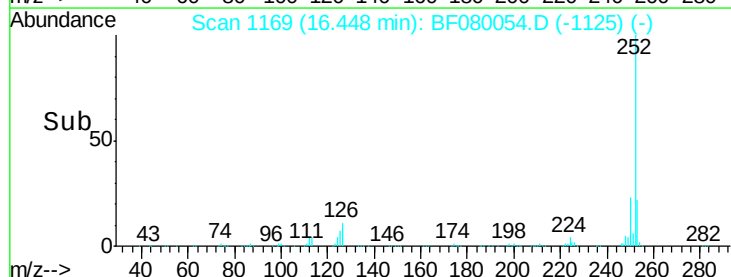
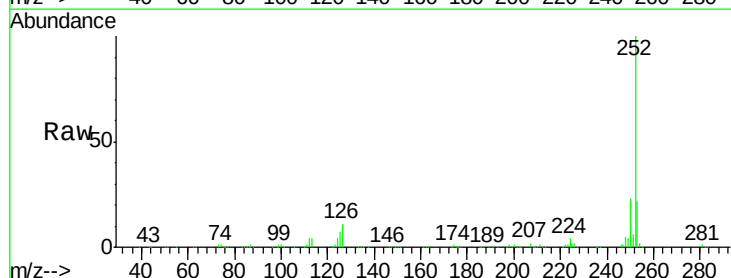
Instrument :
BNA_F
ClientSampleId :
PB84077BS

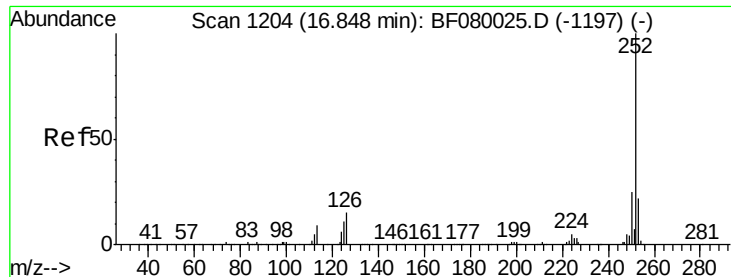
Tgt Ion:252 Resp: 446718
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 37.09 ng
RT: 16.45 min Scan# 1169
Delta R.T. 0.21 min
Lab File: BF080054.D
Acq: 19 Jun 2015 13:08

Tgt Ion:252 Resp: 455323
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 7.2 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 38.77 ng

RT: 16.87 min Scan# 1206

Delta R.T. 0.21 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS

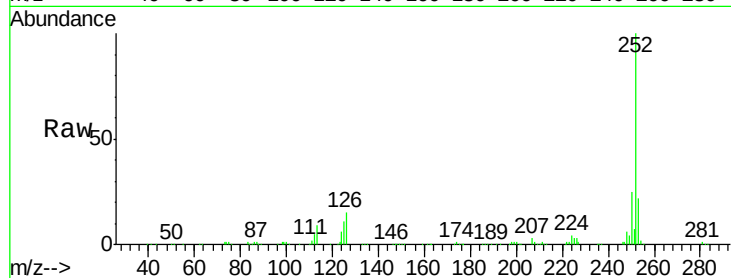
Tgt Ion: 252 Resp: 443919

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

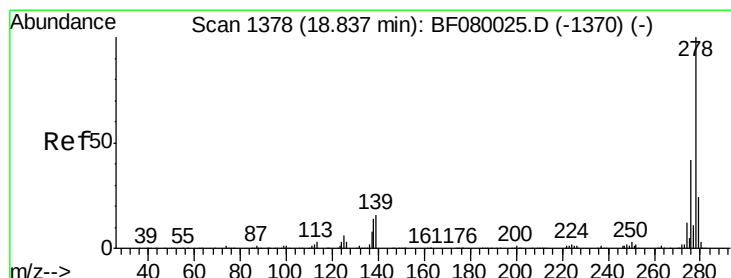
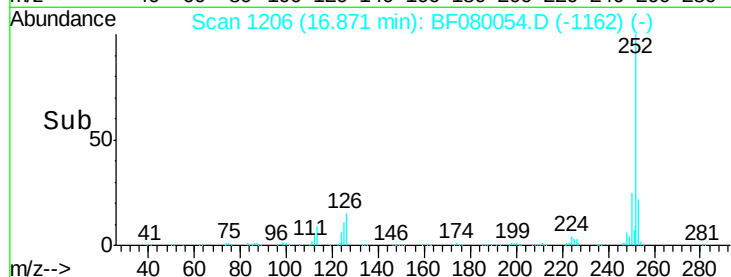
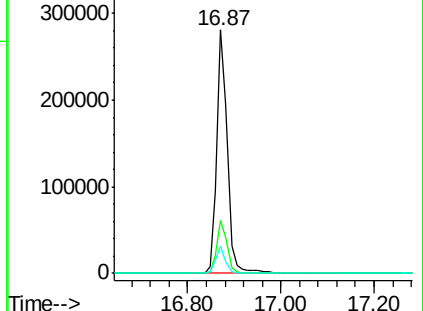
125 11.2 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.39 ng

RT: 18.85 min Scan# 1379

Delta R.T. 0.21 min

Lab File: BF080054.D

Acq: 19 Jun 2015 13:08

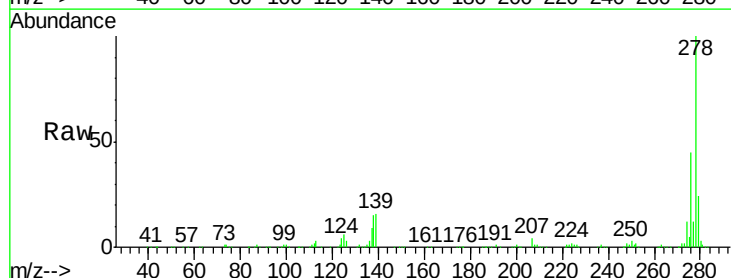
Tgt Ion: 278 Resp: 426409

Ion Ratio Lower Upper

278 100

139 15.9 26.3 39.5#

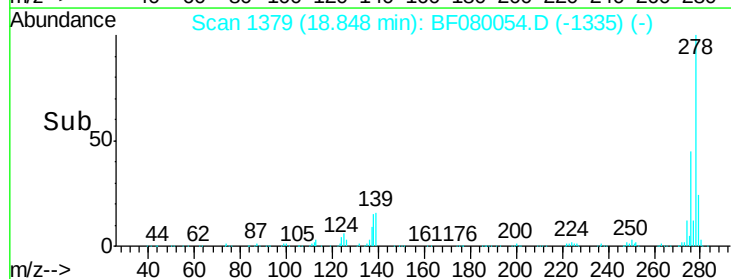
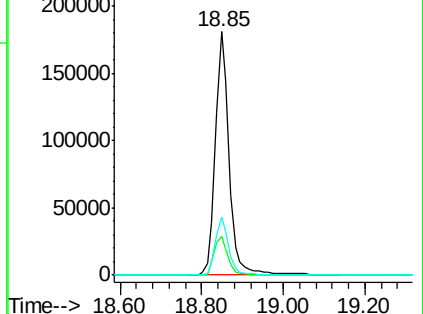
279 23.8 18.2 27.4

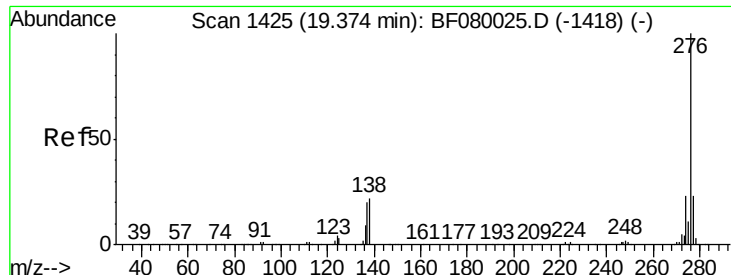


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.90 ng

RT: 19.39 min Scan# 1426

Delta R.T. 0.21 min

Lab File: BF080054.D

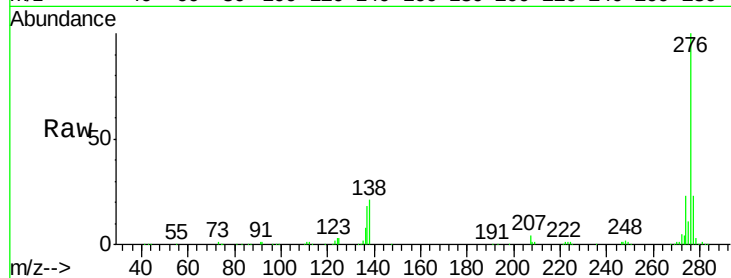
Acq: 19 Jun 2015 13:08

Instrument :

BNA_F

ClientSampleId :

PB84077BS



Tgt Ion:	276	Resp:	424815
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.8	26.6
138	20.8	34.6	51.8

