

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
 Data File : BF080046.D
 Acq On : 18 Jun 2015 15:03
 Operator : TP/IZ
 Sample : PB84072BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Quant Time: Jun 19 01:34:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 01:33:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	46349	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	193802	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	107222	20.00	ng	0.00
63) Phenanthrene-d10	11.93	188	225296	20.00	ng	-0.05
75) Chrysene-d12	15.16	240	247322	20.00	ng	-0.25
86) Perylene-d12	17.18	264	236037	20.00	ng	-0.41

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	343768	131.29	ng	0.00
7) Phenol-d6	6.94	99	468241	134.39	ng	0.00
23) Nitrobenzene-d5	7.89	82	268500	80.65	ng	0.00
41) 2,4,6-Tribromophenol	11.20	330	128766	122.81	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	551928	73.41	ng	0.00
78) Terphenyl-d14	13.76	244	747803	70.62	ng	-0.15

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	39230	31.52	ng	85
3) Pyridine	4.05	79	109984	33.23	ng	# 80
4) n-Nitrosodimethylamine	3.96	42	60246	38.30	ng	97
6) Aniline	6.98	93	131875	27.51	ng	# 90
8) 2-Chlorophenol	7.12	128	114459	37.82	ng	93
9) Benzaldehyde	6.88	77	79269	39.41	ng	# 86
10) Phenol	6.95	94	167197	43.97	ng	81
11) bis(2-Chloroethyl)ether	7.05	93	116753	38.70	ng	89
12) 1,3-Dichlorobenzene	7.28	146	125567	34.54	ng	97
13) 1,4-Dichlorobenzene	7.28	146	125567	36.32	ng	98
14) 1,2-Dichlorobenzene	7.51	146	130098	38.67	ng	98
15) Benzyl Alcohol	7.45	79	105036	36.87	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.60	45	193705	43.26	ng	85
17) 2-Methylphenol	7.57	107	98272	38.02	ng	# 89
18) Hexachloroethane	7.85	117	42864	37.24	ng	92
19) n-Nitroso-di-n-propylamine	7.73	70	96099	39.73	ng	# 75
20) 3+4-Methylphenols	7.72	107	139368	41.78	ng	92
22) Acetophenone	7.73	105	165958	36.75	ng	# 79
24) Nitrobenzene	7.91	77	134335	39.10	ng	# 73
25) Isophorone	8.15	82	233955	34.92	ng	# 96
26) 2-Nitrophenol	8.23	139	63393	44.08	ng	# 65
27) 2,4-Dimethylphenol	8.25	122	123801	41.28	ng	# 84
28) bis(2-Chloroethoxy)methane	8.34	93	140322	35.65	ng	# 91
29) 2,4-Dichlorophenol	8.47	162	115849	45.11	ng	99
30) 1,2,4-Trichlorobenzene	8.56	180	114162	39.14	ng	97
31) Naphthalene	8.64	128	339352	33.49	ng	98
32) Benzoic acid	8.31	122	57667	31.80	ng	# 63
33) 4-Chloroaniline	8.69	127	139025	32.06	ng	98
34) Hexachlorobutadiene	8.77	225	70817	39.43	ng	97
35) Caprolactam	9.02	113	30630	36.74	ng	# 70
36) 4-Chloro-3-methylphenol	9.16	107	110350	38.09	ng	92
37) 2-Methylnaphthalene	9.34	142	250090	38.16	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	120195	38.52	ng	99
40) Hexachlorocyclopentadiene	9.50	237	119093	74.63	ng	97

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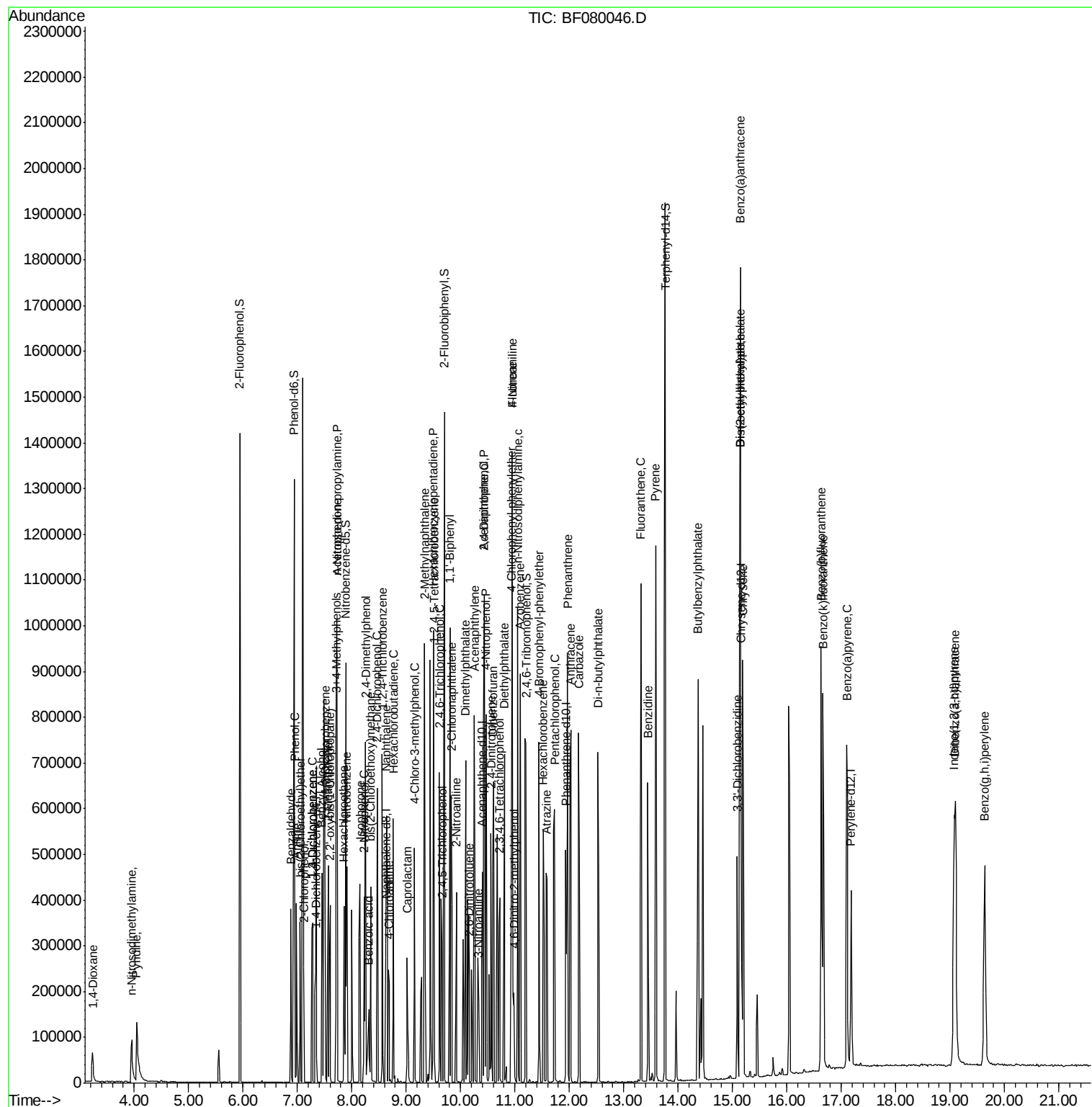
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	80306	37.83	ng	100
43) 2,4,5-Trichlorophenol	9.66	196	81280	33.23	ng #	90
45) 1,1'-Biphenyl	9.81	154	320342	36.72	ng	96
46) 2-Chloronaphthalene	9.83	162	227019	32.07	ng #	90
47) 2-Nitroaniline	9.92	65	71710	36.91	ng	89
48) Acenaphthylene	10.25	152	391555	33.14	ng	98
49) Dimethylphthalate	10.09	163	303971	37.71	ng #	97
50) 2,6-Dinitrotoluene	10.16	165	56905	35.21	ng #	91
51) Acenaphthene	10.44	154	252905	34.99	ng	90
52) 3-Nitroaniline	10.33	138	51027	27.37	ng #	95
53) 2,4-Dinitrophenol	10.44	184	58295	88.00	ng #	1
54) Dibenzofuran	10.61	168	353794	34.50	ng	96
55) 4-Nitrophenol	10.47	139	110242	73.97	ng #	43
56) 2,4-Dinitrotoluene	10.56	165	81000	39.50	ng #	69
57) Fluorene	10.95	166	294958	36.25	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.72	232	73854	35.77	ng	94
59) Diethylphthalate	10.80	149	296628	36.54	ng	96
60) 4-Chlorophenyl-phenylether	10.94	204	140056	35.81	ng	95
61) 4-Nitroaniline	10.95	138	65846	34.19	ng #	74
62) Azobenzene	11.10	77	300123	36.32	ng	89
64) 4,6-Dinitro-2-methylphenol	10.98	198	39346	37.83	ng #	64
65) n-Nitrosodiphenylamine	11.05	169	262411	35.77	ng	92
66) 4-Bromophenyl-phenylether	11.44	248	84497	35.27	ng	94
67) Hexachlorobenzene	11.52	284	86989	32.67	ng #	70
68) Atrazine	11.59	200	85573	36.92	ng	82
69) Pentachlorophenol	11.73	266	102388	67.87	ng	96
70) Phenanthrene	11.97	178	453896	33.28	ng	98
71) Anthracene	12.02	178	459930	35.02	ng	98
72) Carbazole	12.17	167	404112	32.23	ng	95
73) Di-n-butylphthalate	12.53	149	485238	33.49	ng #	98
74) Fluoranthene	13.32	202	488609	33.64	ng	91
76) Benzidine	13.44	184	272357	39.40	ng	97
77) Pyrene	13.59	202	507268	33.31	ng	97
79) Butylbenzylphthalate	14.37	149	221763	36.27	ng	92
80) Benzo(a)anthracene	15.15	228	493360	32.74	ng	97
81) 3,3'-Dichlorobenzidine	15.09	252	117183	22.55	ng #	93
82) Chrysene	15.19	228	457505	32.93	ng	95
83) Bis(2-ethylhexyl)phthalate	15.13	149	335360	34.70	ng #	90
84) Di-n-octyl phthalate	15.13	149	335360	20.25	ng #	85
85) Indeno(1,2,3-cd)pyrene	19.08	276	536624	30.63	ng #	88
87) Benzo(b)fluoranthene	16.63	252	509749	35.67	ng #	87
88) Benzo(k)fluoranthene	16.67	252	442862	30.43	ng #	90
89) Benzo(a)pyrene	17.10	252	474551	34.97	ng #	89
90) Dibenzo(a,h)anthracene	19.10	278	448033	32.25	ng #	83
91) Benzo(g,h,i)perylene	19.64	276	447471	31.90	ng #	78

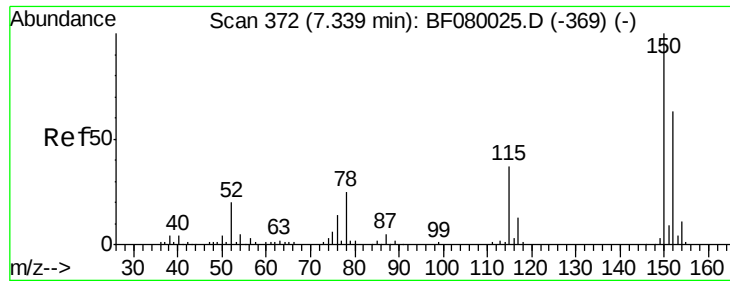
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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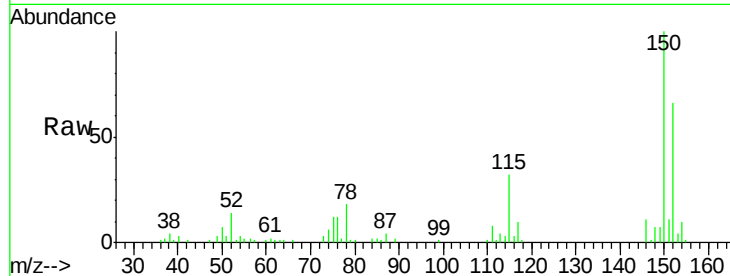


#1

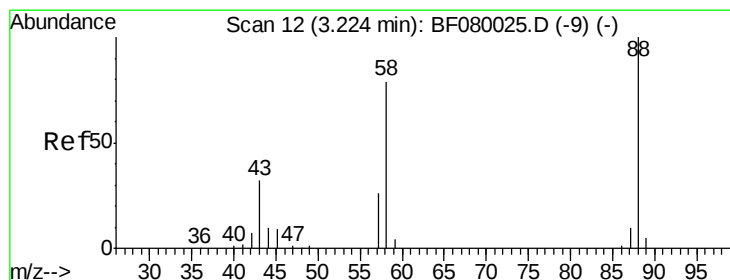
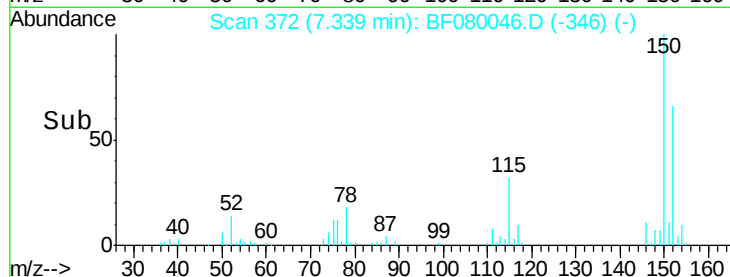
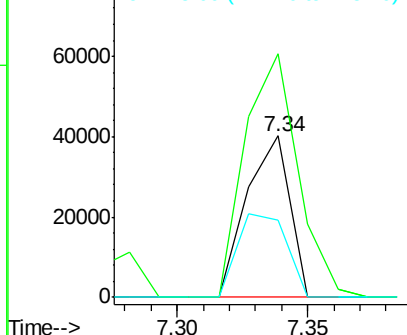
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion:152 Resp: 46349
Ion Ratio Lower Upper
152 100
150 150.9 124.7 187.1
115 47.6 39.0 58.4



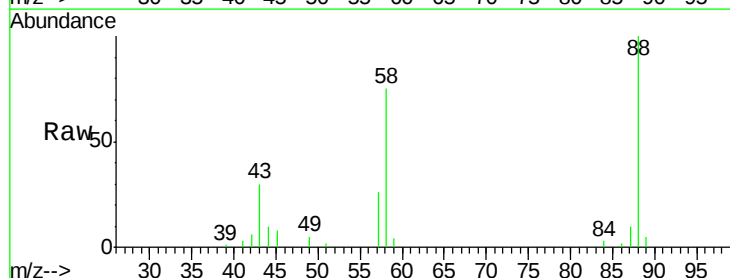
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



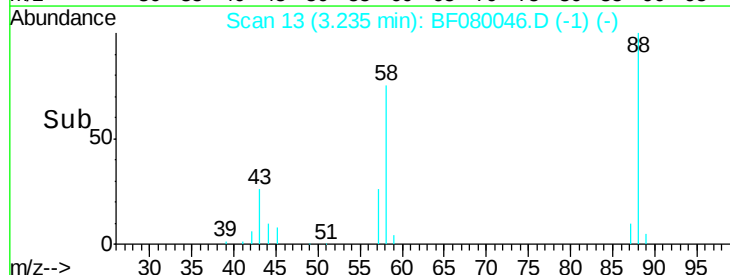
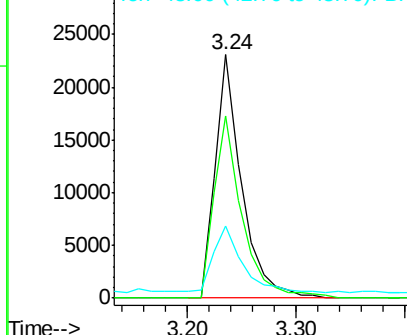
#2

1,4-Dioxane
Concen: 31.52 ng
RT: 3.24 min Scan# 13
Delta R.T. 0.02 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion: 88 Resp: 39230
Ion Ratio Lower Upper
88 100
58 79.0 77.7 116.5
43 30.1 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: 33.23 ng

RT: 4.05 min Scan# 84

Delta R.T. 0.02 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

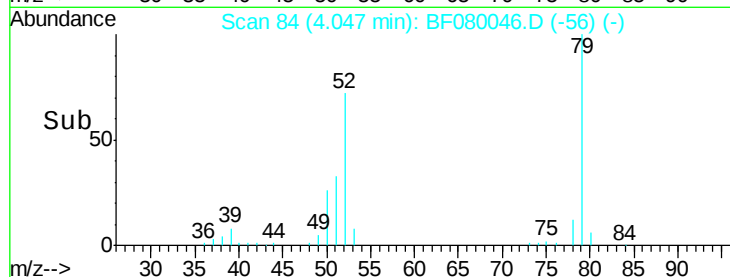
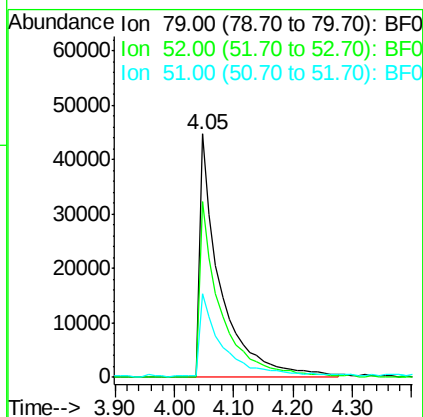
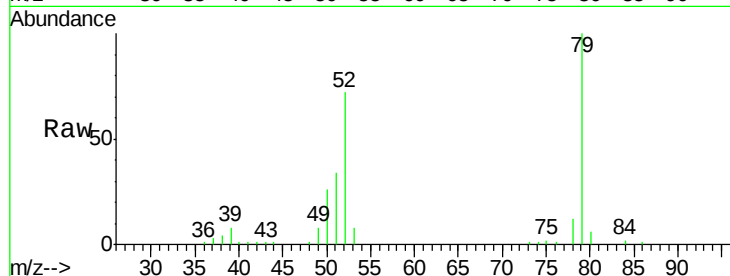
Tgt Ion: 79 Resp: 109984

Ion Ratio Lower Upper

79 100

52 72.4 76.8 115.2#

51 34.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 38.30 ng

RT: 3.96 min Scan# 76

Delta R.T. 0.02 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

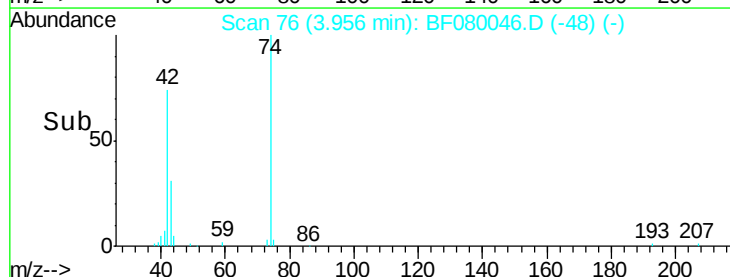
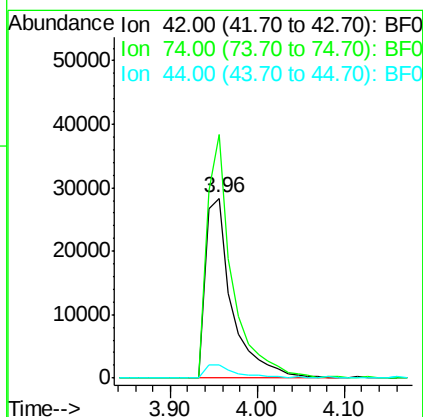
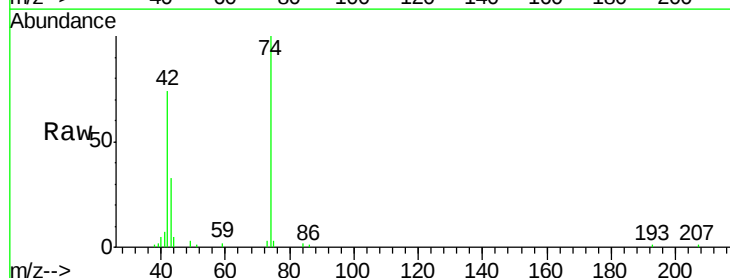
Tgt Ion: 42 Resp: 60246

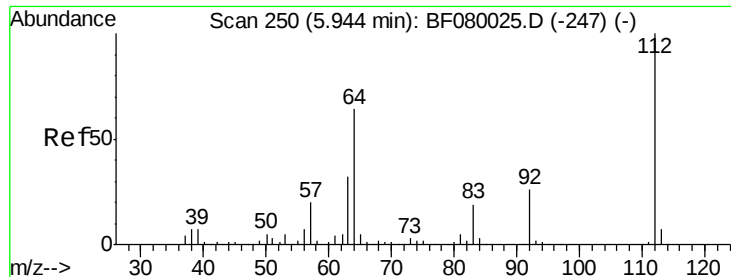
Ion Ratio Lower Upper

42 100

74 135.3 105.0 157.6

44 7.2 6.6 10.0





#5

2-Fluorophenol

Concen: 131.29 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampled :

PB84072BS

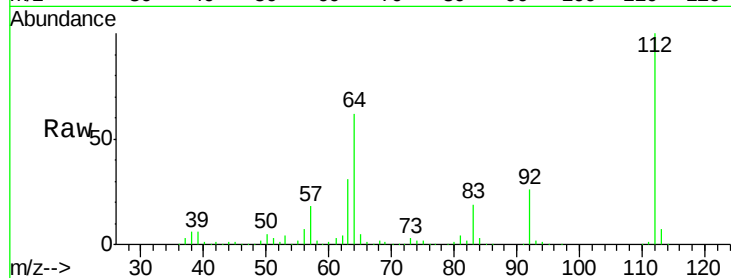
Tgt Ion: 112 Resp: 343768

Ion Ratio Lower Upper

112 100

64 61.6 39.7 59.5#

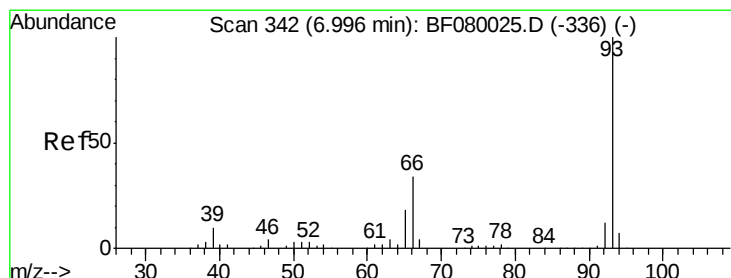
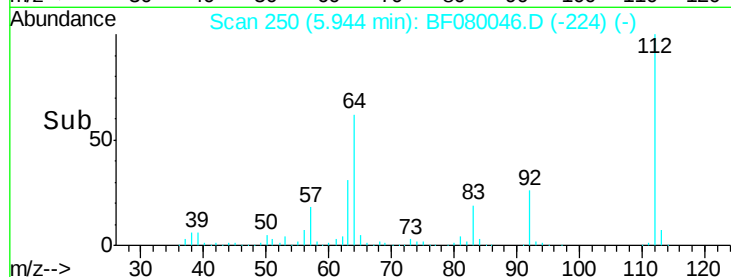
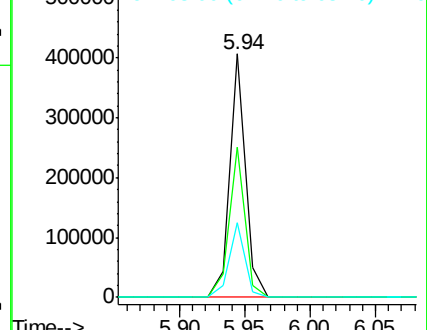
63 30.8 17.4 26.0#



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: 27.51 ng

RT: 6.98 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

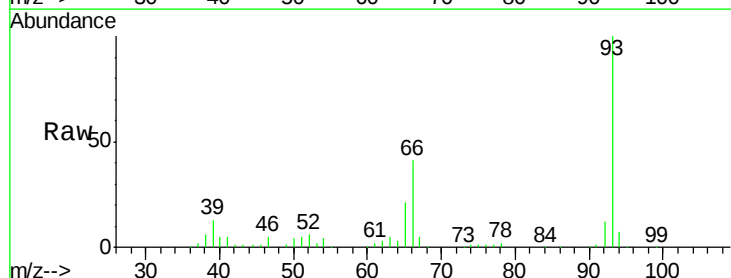
Tgt Ion: 93 Resp: 131875

Ion Ratio Lower Upper

93 100

66 41.3 27.2 40.8#

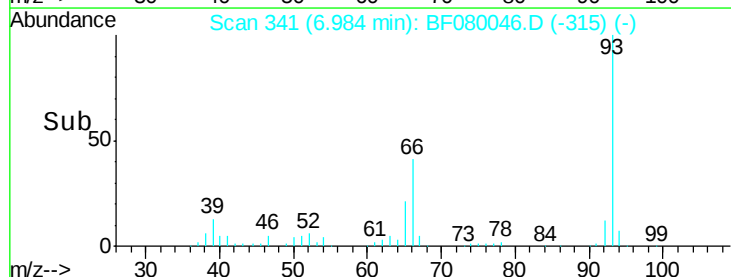
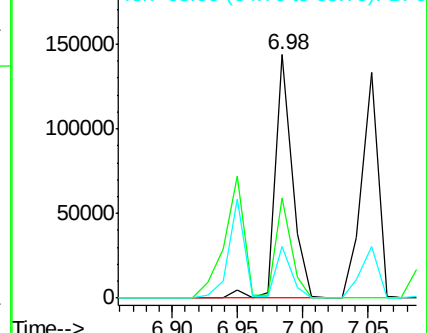
65 21.0 14.7 22.1



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: 134.39 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

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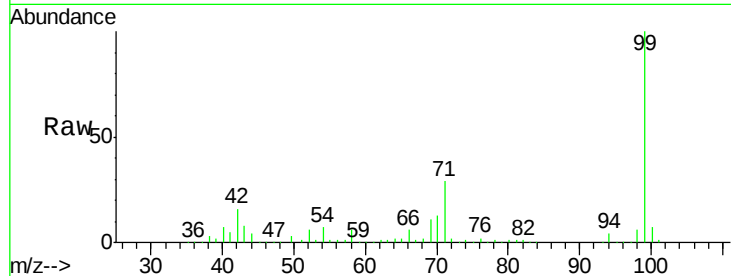
Tgt Ion: 99 Resp: 468241

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

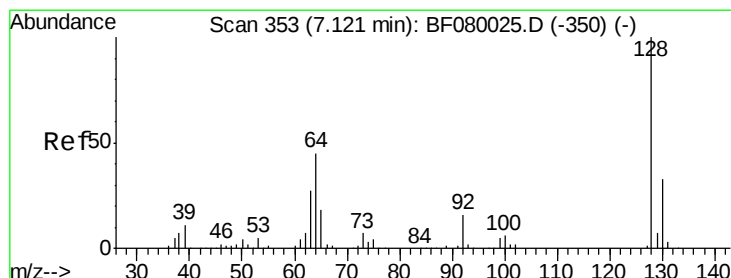
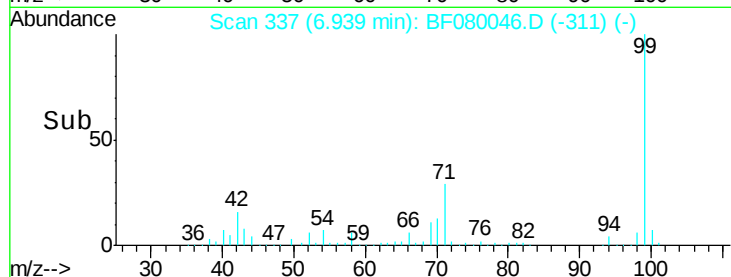
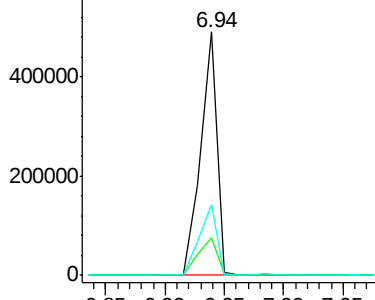
71 29.3 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.82 ng

RT: 7.12 min Scan# 353

Delta R.T. 0.00 min

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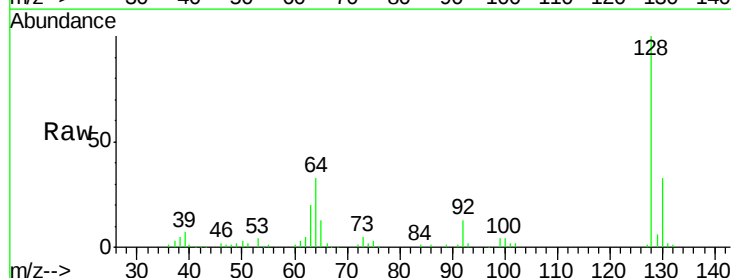
Tgt Ion: 128 Resp: 114459

Ion Ratio Lower Upper

128 100

130 32.6 12.2 52.2

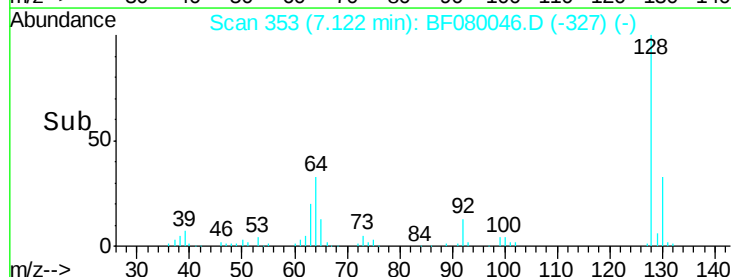
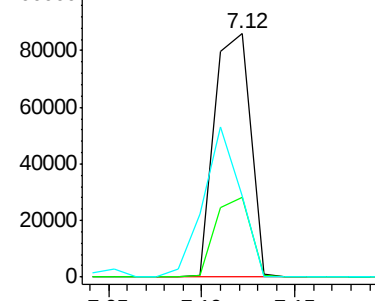
64 33.3 20.5 60.5

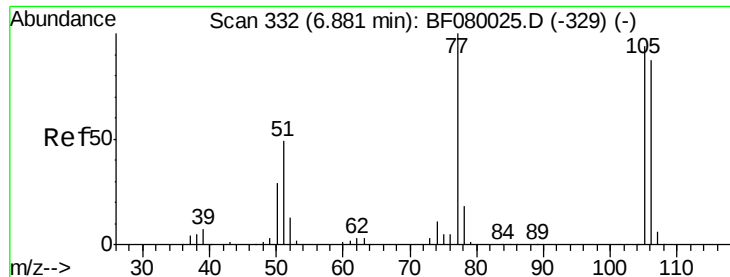


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.41 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

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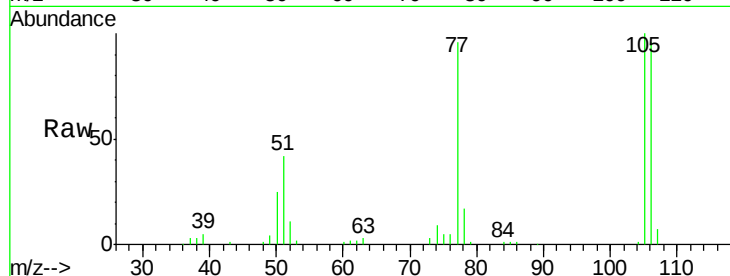
Tgt Ion: 77 Resp: 79269

Ion Ratio Lower Upper

77 100

105 104.0 91.6 131.6

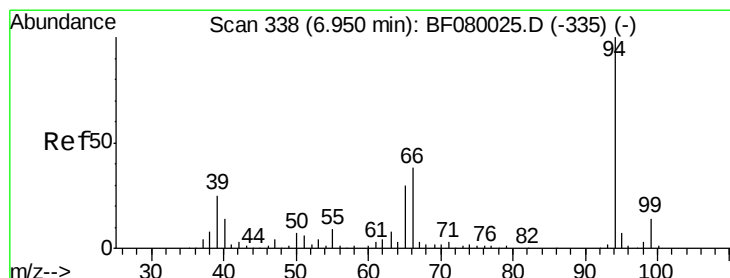
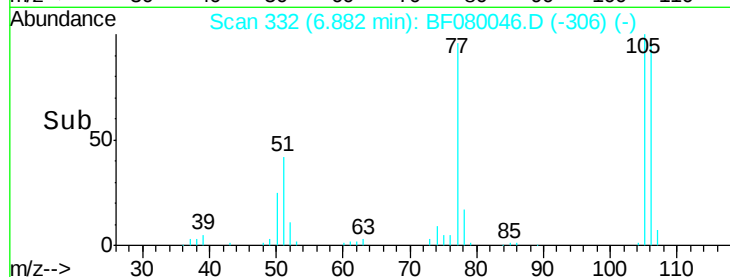
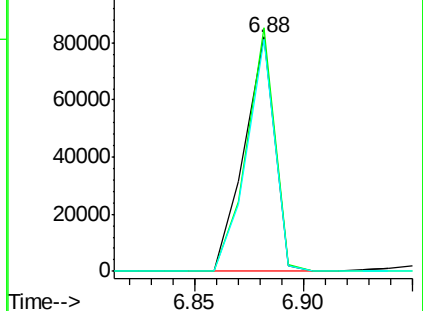
106 99.3 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.97 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

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Acq: 18 Jun 2015 15:03

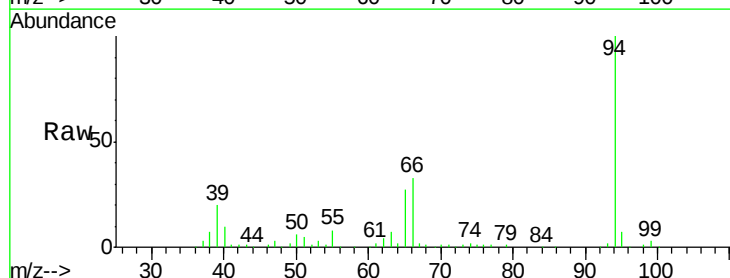
Tgt Ion: 94 Resp: 167197

Ion Ratio Lower Upper

94 100

65 26.6 0.7 40.7

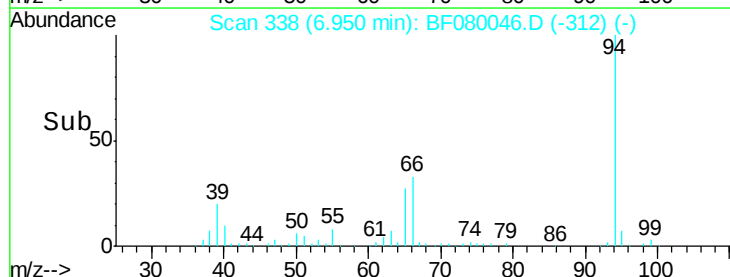
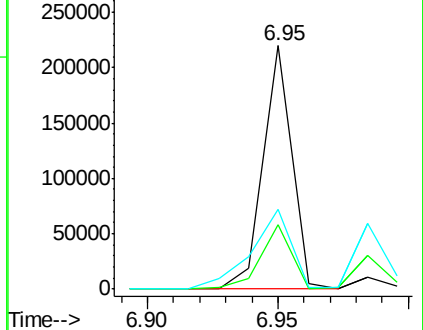
66 32.9 0.8 40.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

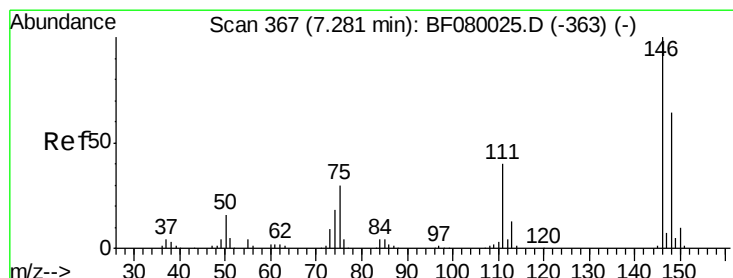
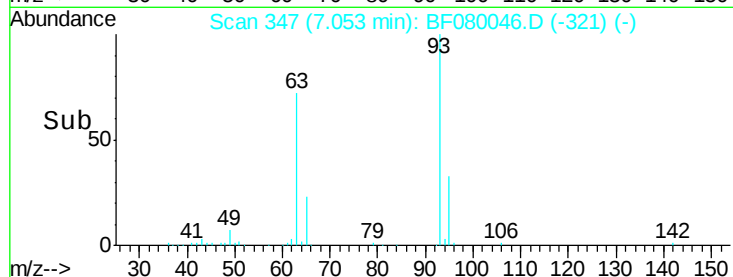
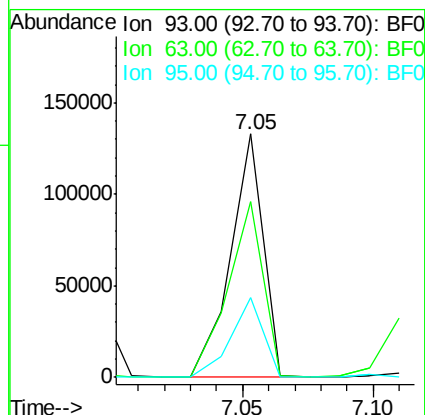
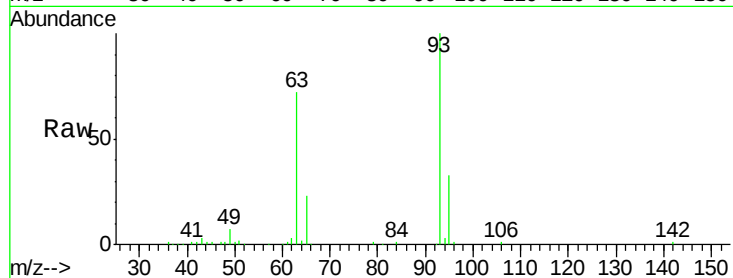




#11
bis(2-Chloroethyl)ether
Concen: 38.70 ng
RT: 7.05 min Scan# 347
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

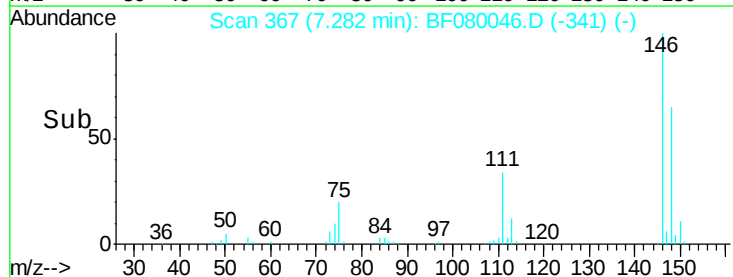
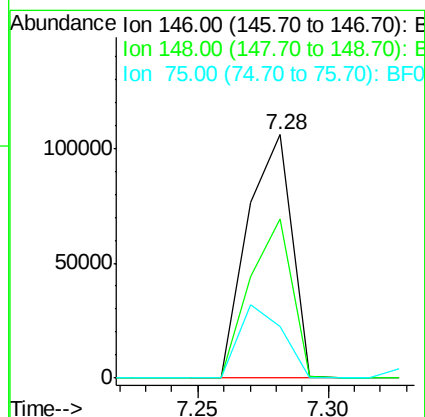
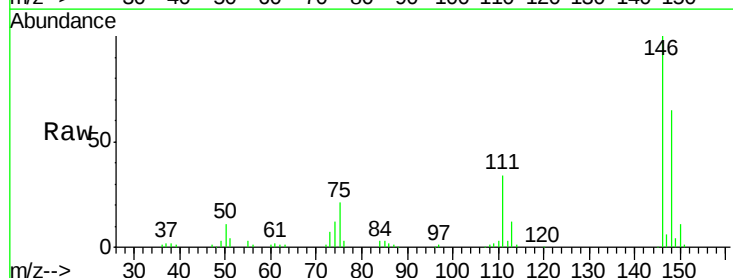
Instrument :
BNA_F
ClientSampleId :
PB84072BS

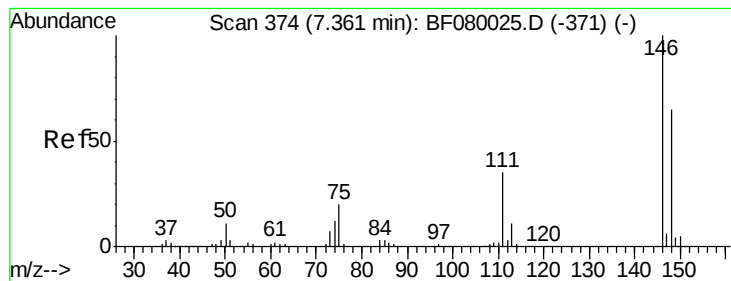
Tgt Ion: 93 Resp: 116753
Ion Ratio Lower Upper
93 100
63 72.1 65.6 105.6
95 32.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 34.54 ng
RT: 7.28 min Scan# 367
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion: 146 Resp: 125567
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.4
75 21.2 15.0 22.6

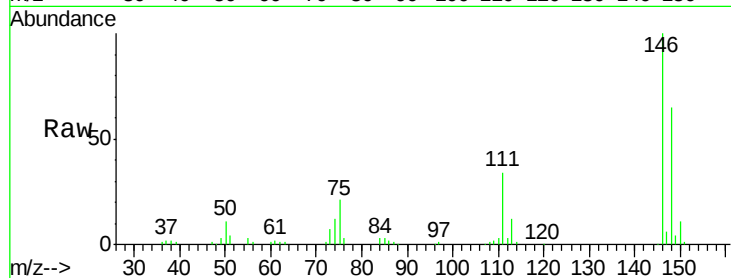




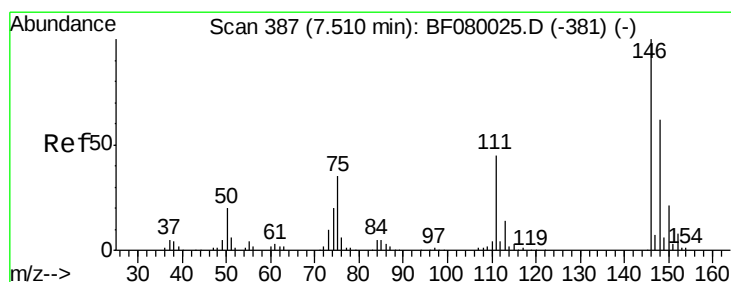
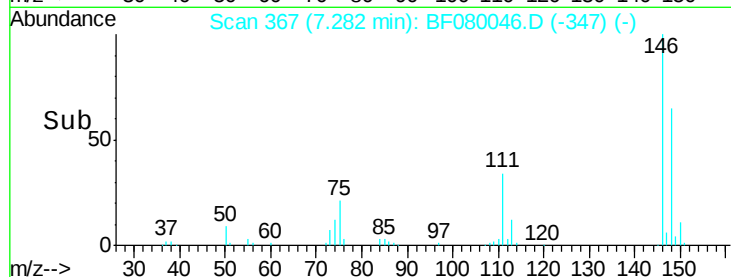
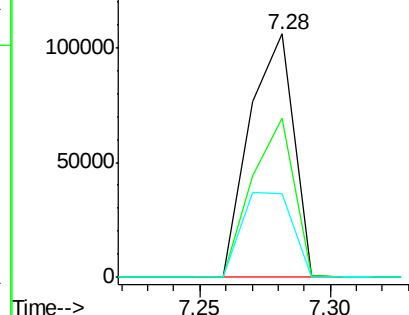
#13
 1,4-Dichlorobenzene
 Concen: 36.32 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.07 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:146 Resp: 125567
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.6
 111 34.3 24.9 37.3

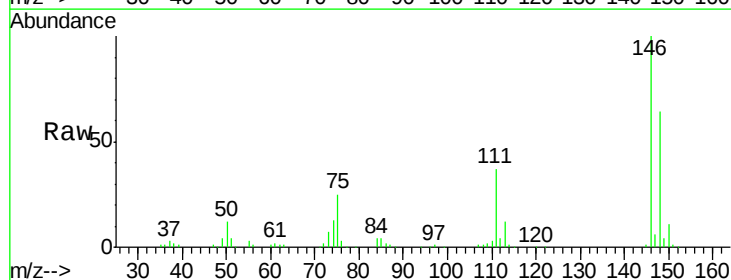


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

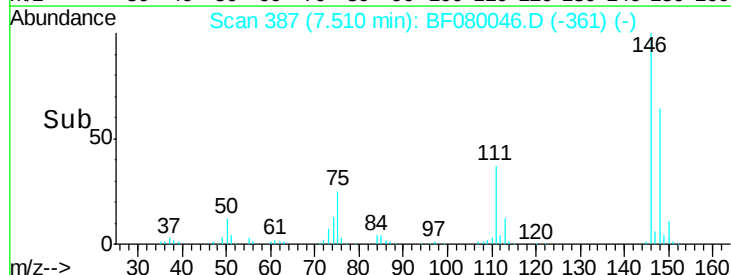
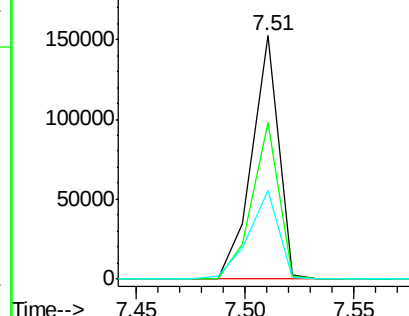


#14
 1,2-Dichlorobenzene
 Concen: 38.67 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:146 Resp: 130098
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.7 79.1
 111 36.6 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: 36.87 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

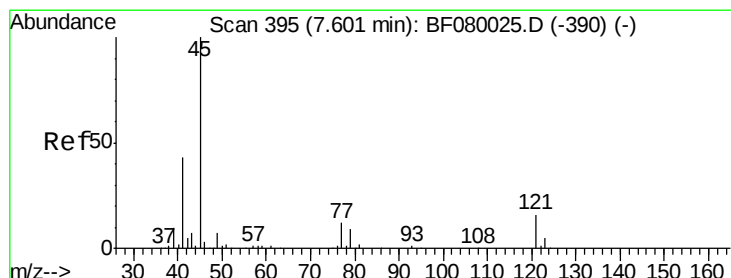
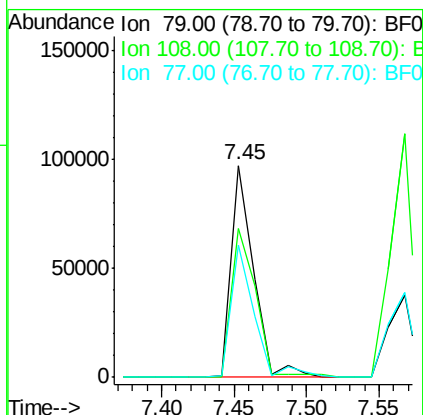
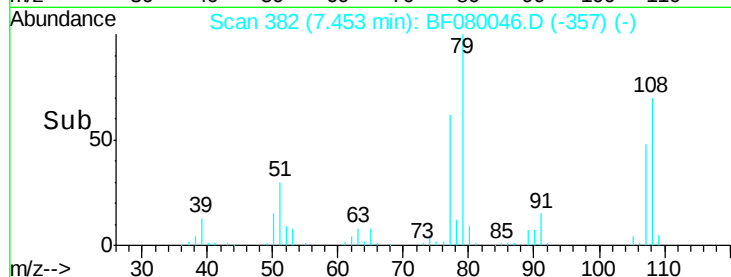
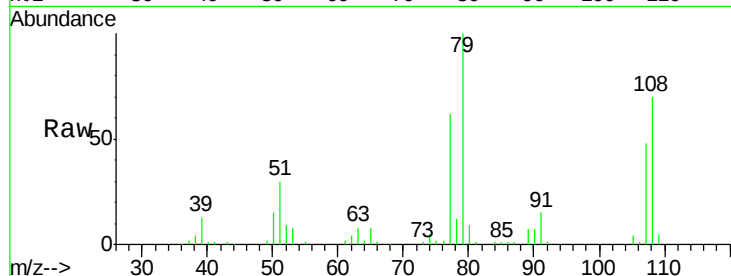
Tgt Ion: 79 Resp: 105036

Ion Ratio Lower Upper

79 100

108 70.3 88.6 132.8#

77 62.2 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.26 ng

RT: 7.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

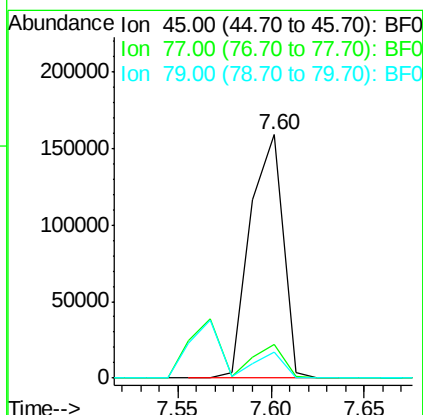
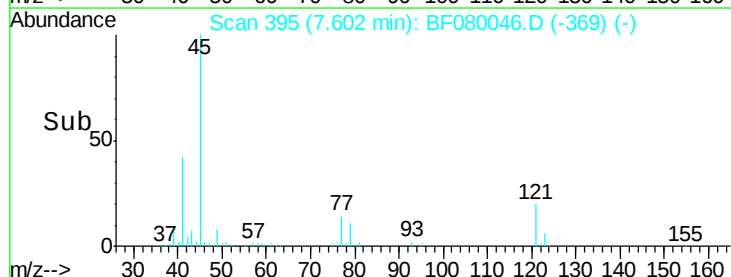
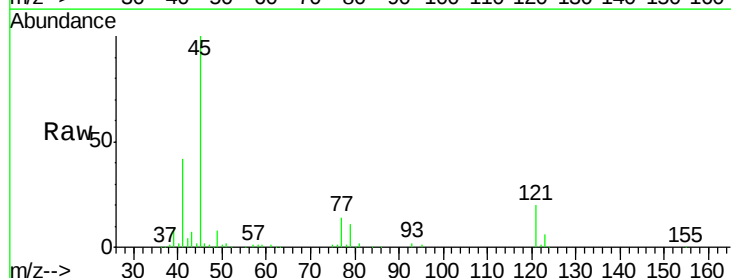
Tgt Ion: 45 Resp: 193705

Ion Ratio Lower Upper

45 100

77 13.6 0.0 28.1

79 10.7 0.0 26.0

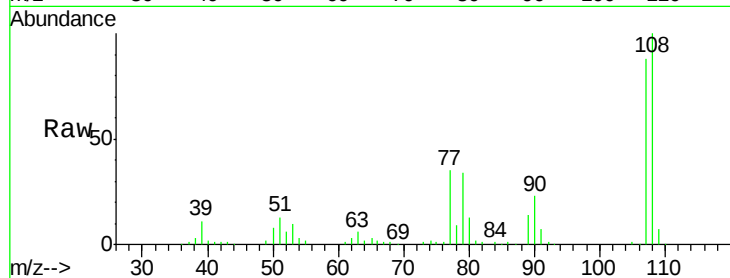




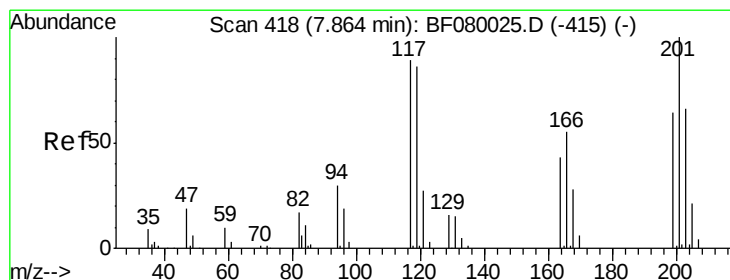
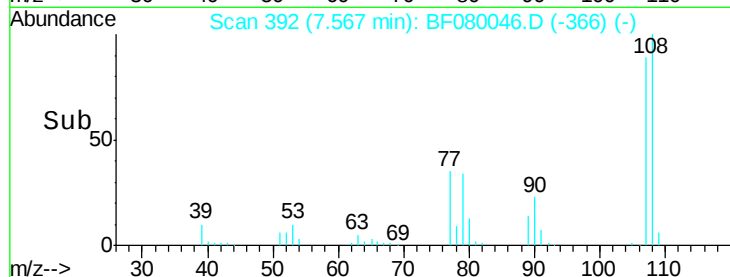
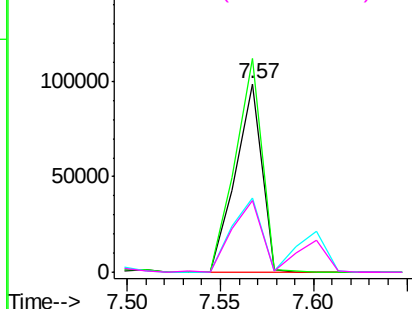
#17
2-Methylphenol
Concen: 38.02 ng
RT: 7.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion:107 Resp: 98272
Ion Ratio Lower Upper
107 100
108 113.3 96.6 145.0
77 39.4 23.3 34.9#
79 38.2 22.0 33.0#

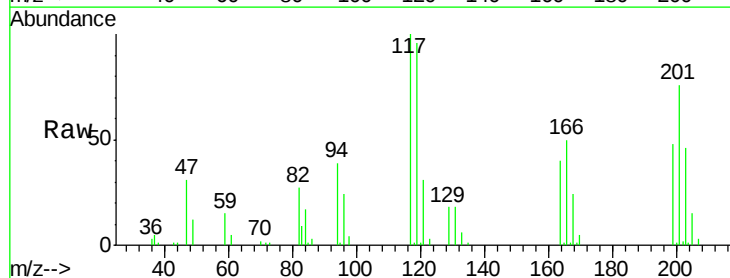


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

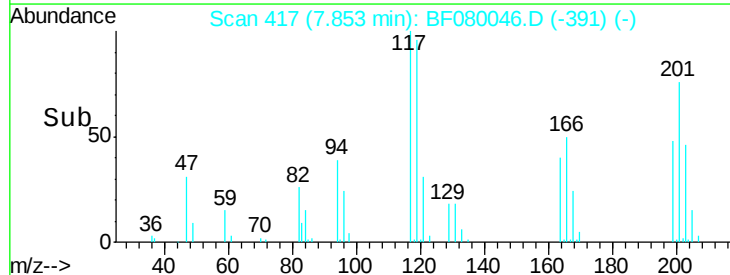
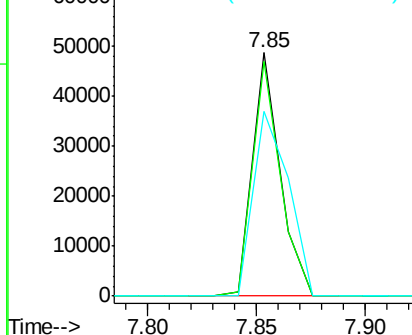


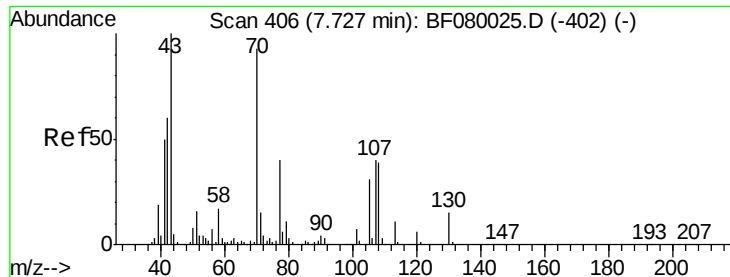
#18
Hexachloroethane
Concen: 37.24 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion:117 Resp: 42864
Ion Ratio Lower Upper
117 100
119 96.4 83.8 125.6
201 75.9 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

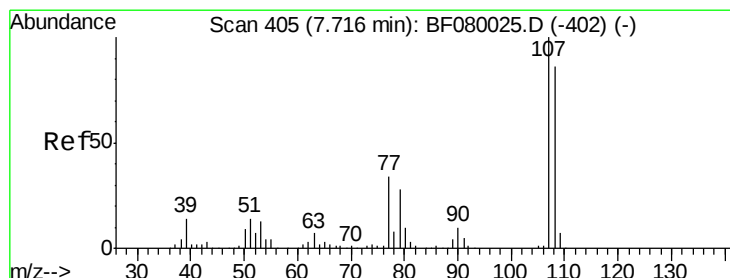
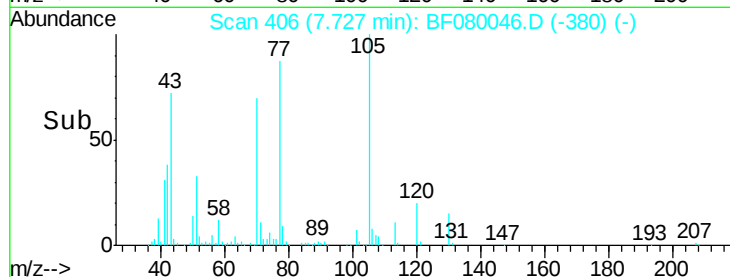
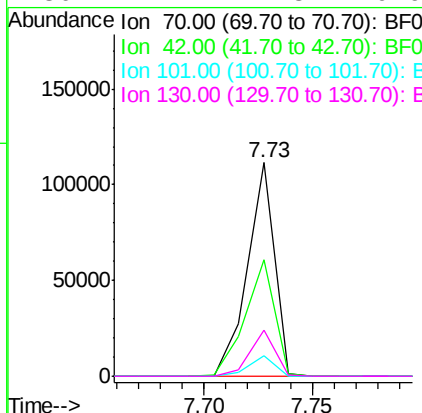
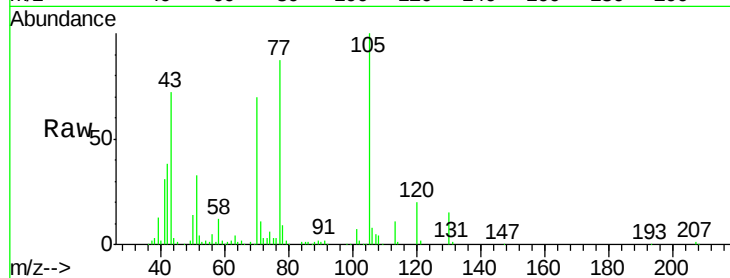




#19
n-Nitroso-di-n-propylamine
Concen: 39.73 ng
RT: 7.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

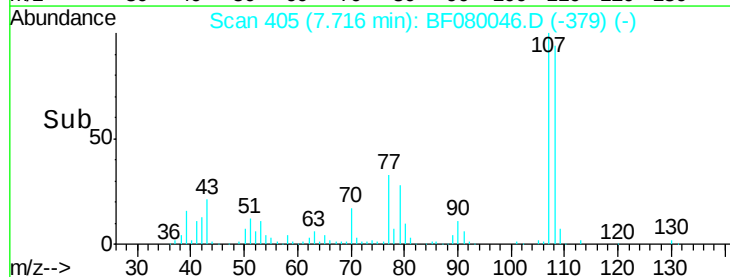
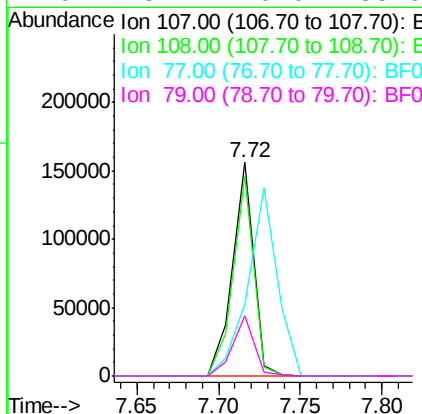
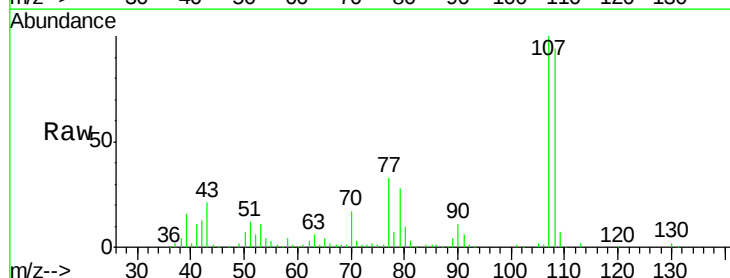
Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion: 70 Resp: 96099
Ion Ratio Lower Upper
70 100
42 54.3 63.8 95.6#
101 9.6 9.2 13.8
130 21.4 27.3 40.9#



#20
3+4-Methylphenols
Concen: 41.78 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion: 107 Resp: 139368
Ion Ratio Lower Upper
107 100
108 93.7 74.6 114.6
77 33.4 0.7 40.7
79 28.2 0.0 38.9

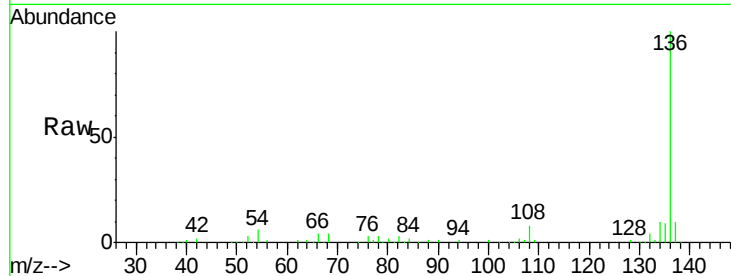




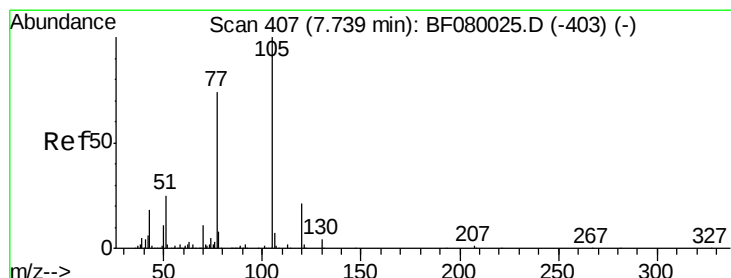
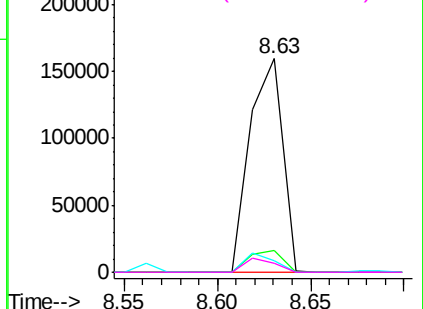
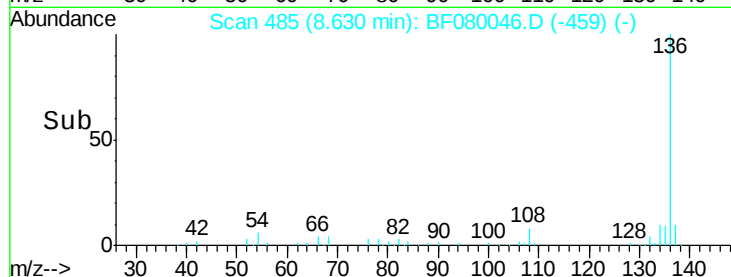
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion:	136	Resp:	193802
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.0	13.6
54	5.6	8.2	12.2#
68	4.2	5.8	8.6#

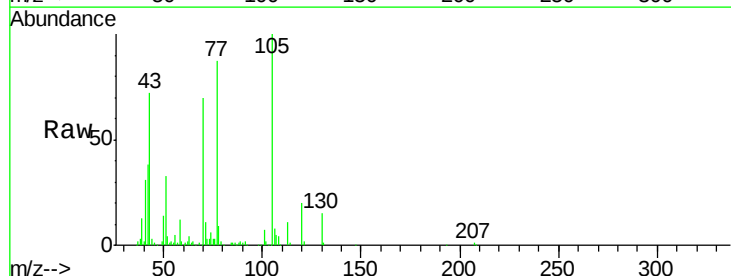


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

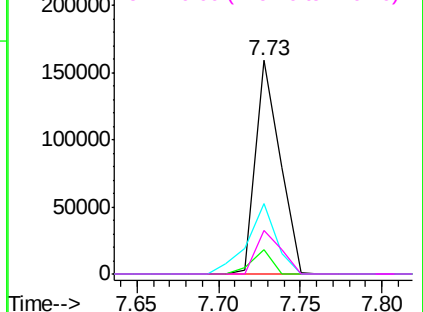
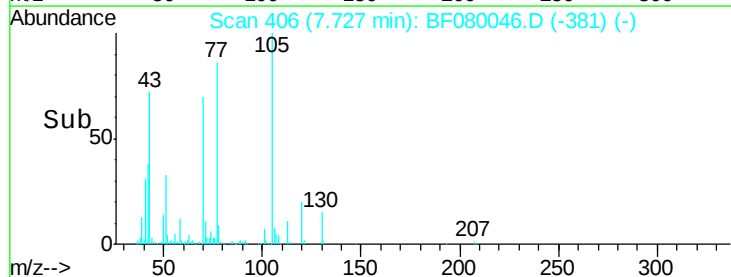


#22
Acetophenone
Concen: 36.75 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion:	105	Resp:	165958
Ion Ratio	Lower	Upper	
105	100		
71	11.3	4.7	7.1#
51	33.3	22.0	33.0#
120	20.1	30.1	45.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.65 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

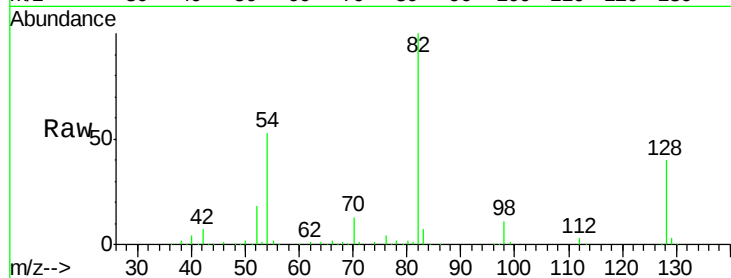
Instrument :

BNA_F

ClientSampleId :

PB84072BS

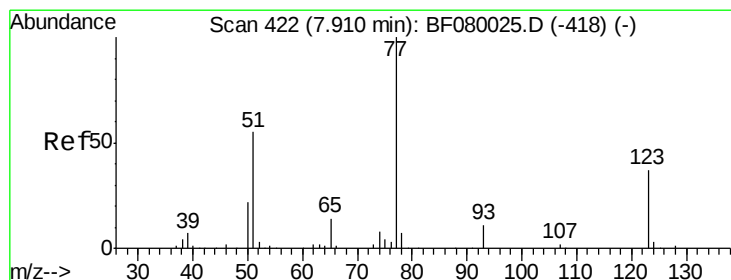
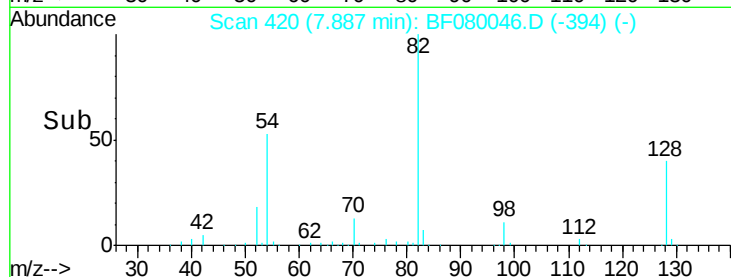
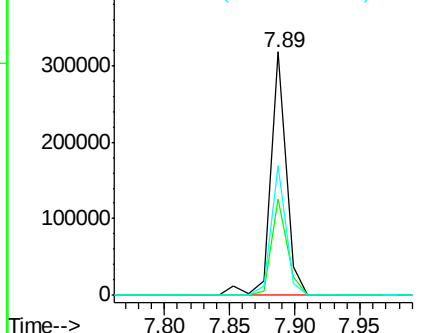
Tgt Ion:	82	Resp:	268500
Ion Ratio	Lower	Upper	
82	100		
128	39.7	51.0	76.6#
54	53.4	47.5	71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.10 ng

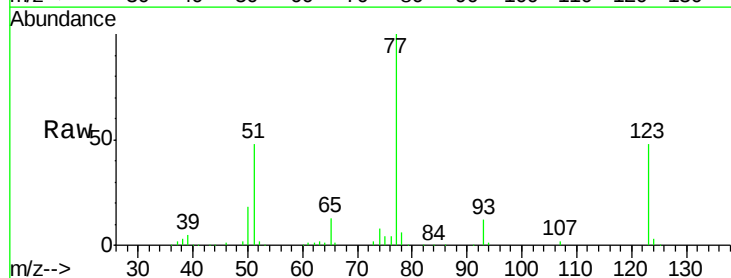
RT: 7.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

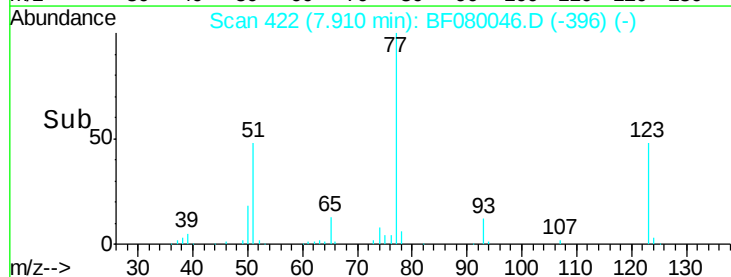
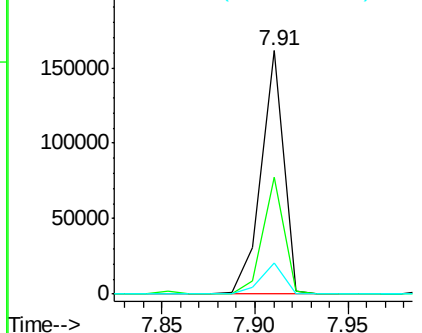
Tgt Ion:	77	Resp:	134335
Ion Ratio	Lower	Upper	
77	100		
123	47.9	59.8	89.8#
65	12.5	10.2	15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.92 ng

RT: 8.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

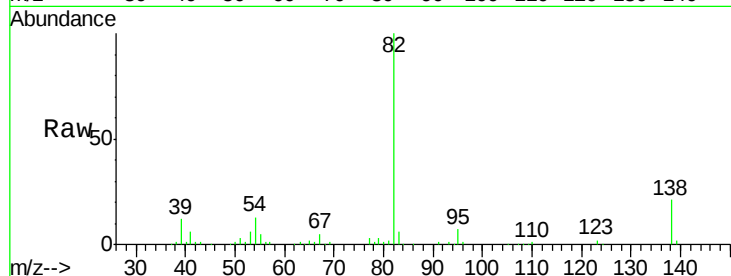
Tgt Ion: 82 Resp: 233955

Ion Ratio Lower Upper

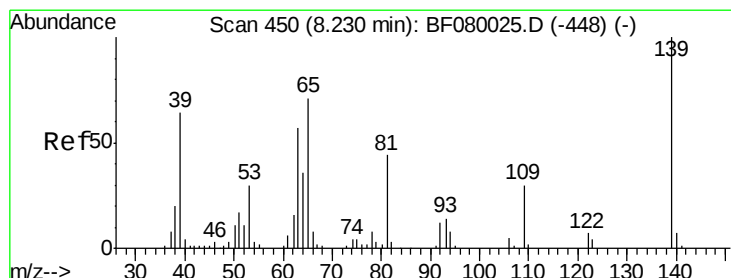
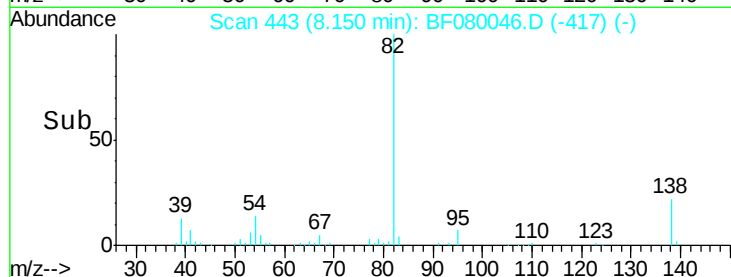
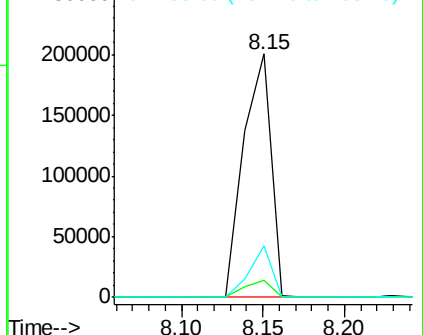
82 100

95 7.2 4.0 6.0#

138 21.0 18.3 27.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.08 ng

RT: 8.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

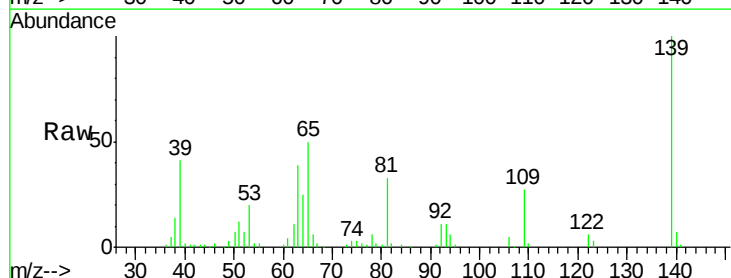
Tgt Ion: 139 Resp: 63393

Ion Ratio Lower Upper

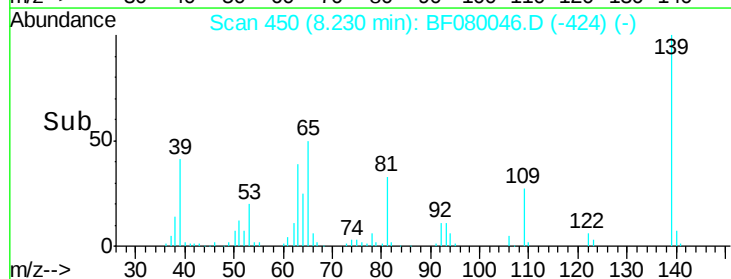
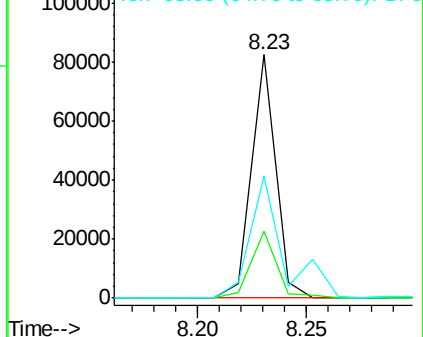
139 100

109 27.4 11.0 16.4#

65 50.0 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 41.28 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

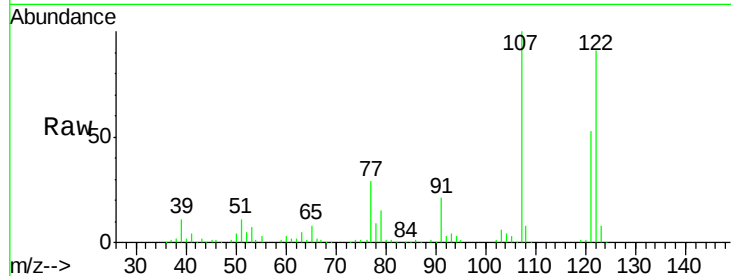
Tgt Ion:122 Resp: 123801

Ion Ratio Lower Upper

122 100

107 110.1 71.8 107.6#

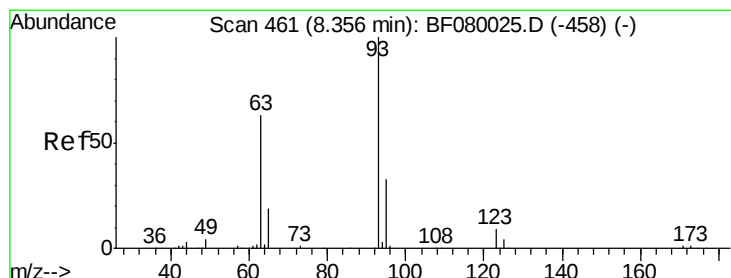
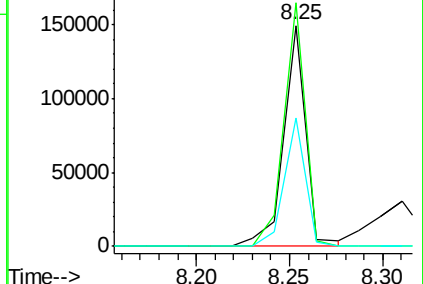
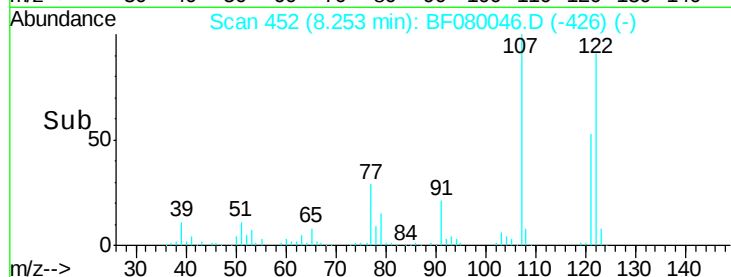
121 58.1 42.3 63.5



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: 35.65 ng

RT: 8.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

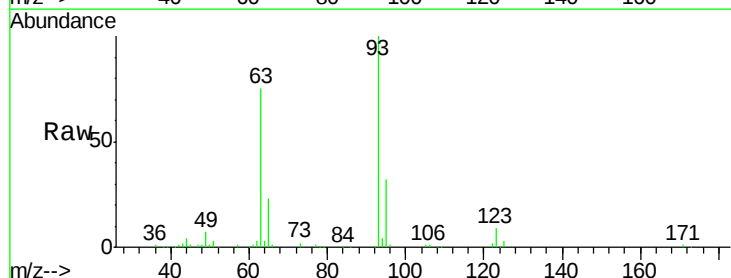
Tgt Ion: 93 Resp: 140322

Ion Ratio Lower Upper

93 100

95 31.9 27.5 41.3

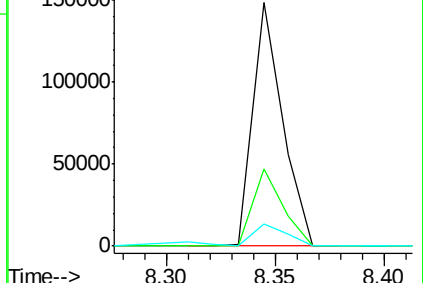
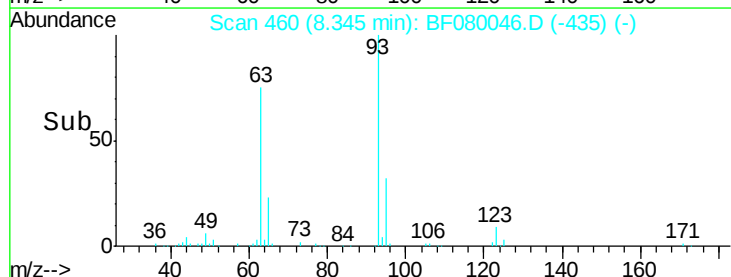
123 9.4 13.7 20.5#

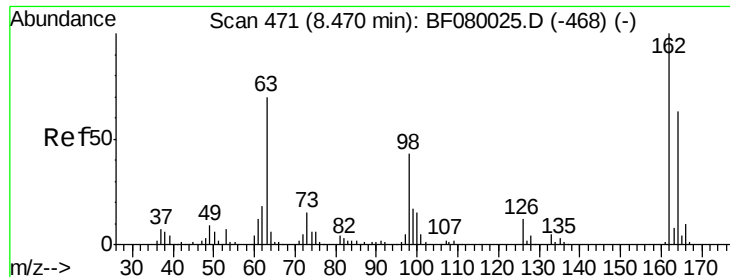


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

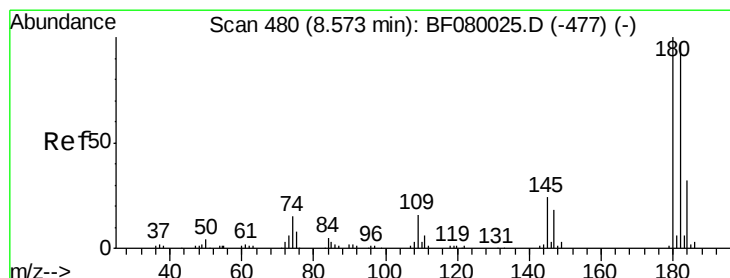
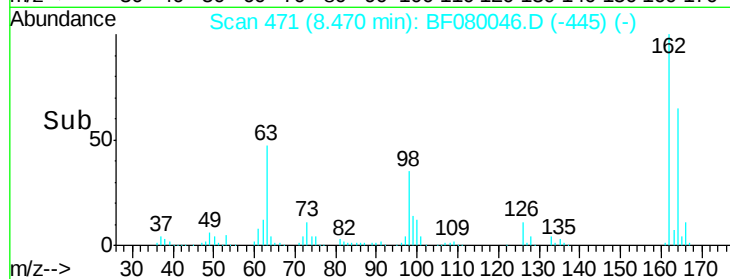
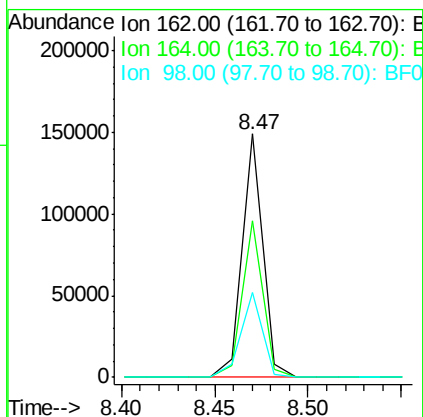
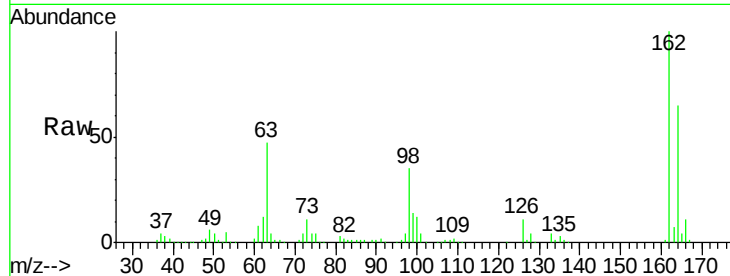




#29
 2,4-Dichlorophenol
 Concen: 45.11 ng
 RT: 8.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

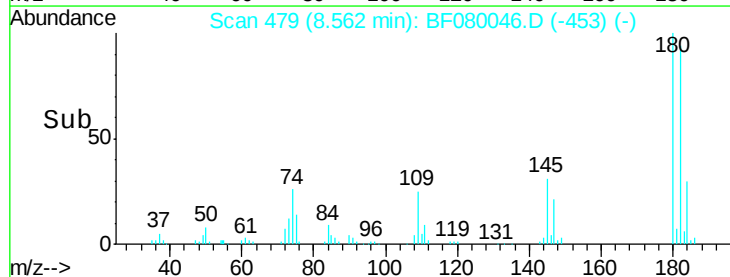
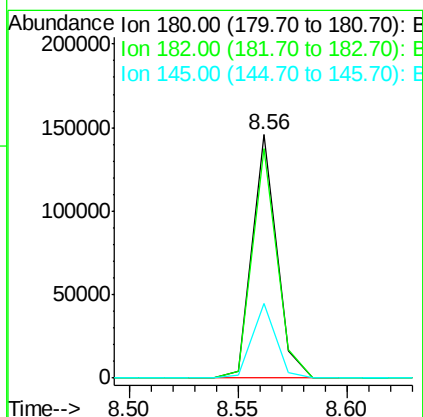
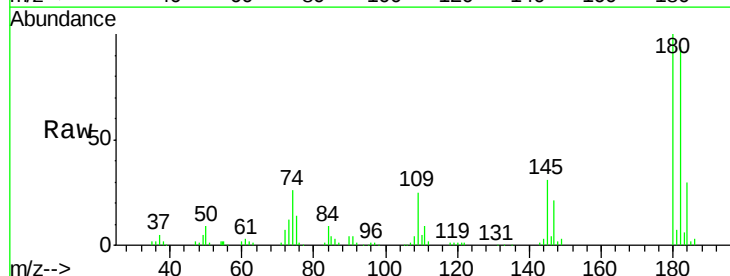
Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

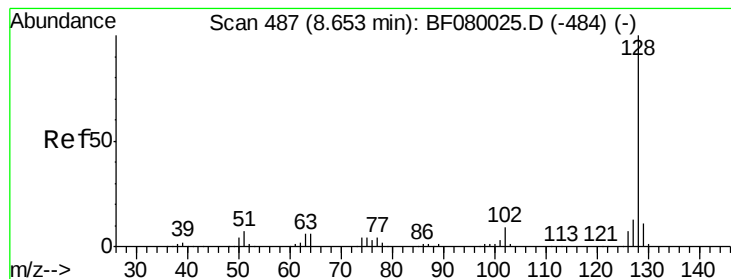
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.9	84.9
98	34.7	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.14 ng
 RT: 8.56 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.1	115.7
145	30.9	23.3	34.9





#31

Naphthalene

Concen: 33.49 ng

RT: 8.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

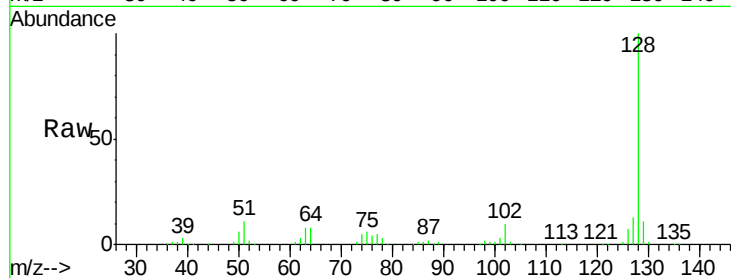
Tgt Ion:128 Resp: 339352

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

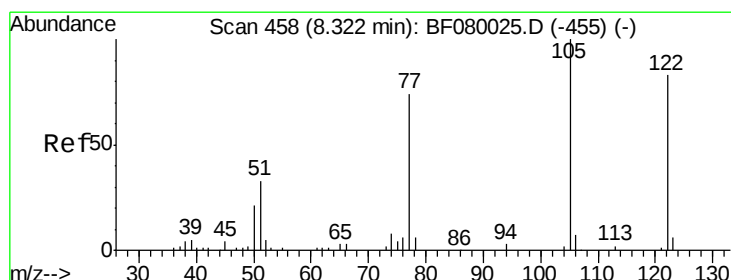
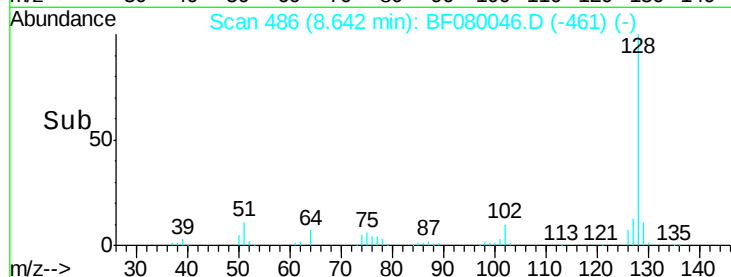
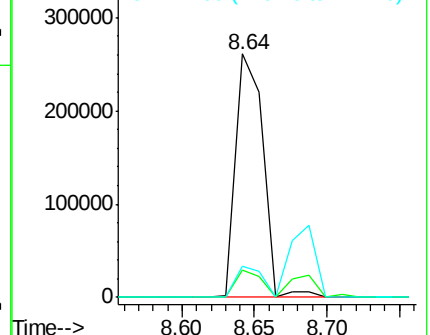
127 13.0 9.9 14.9



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: 31.80 ng

RT: 8.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

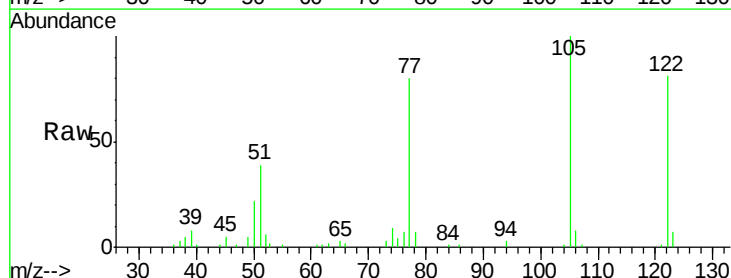
Tgt Ion:122 Resp: 57667

Ion Ratio Lower Upper

122 100

105 123.6 76.1 116.1#

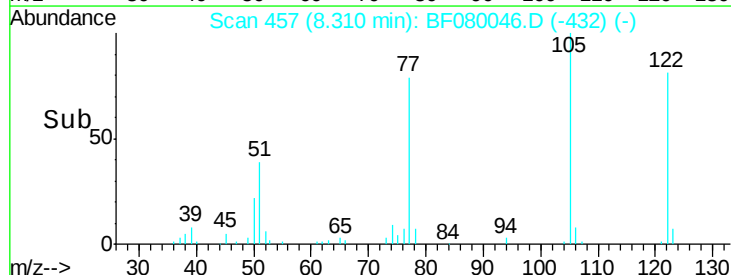
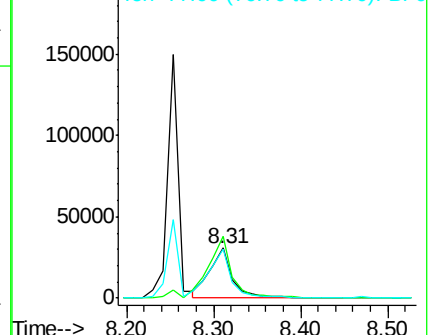
77 98.7 40.5 80.5#

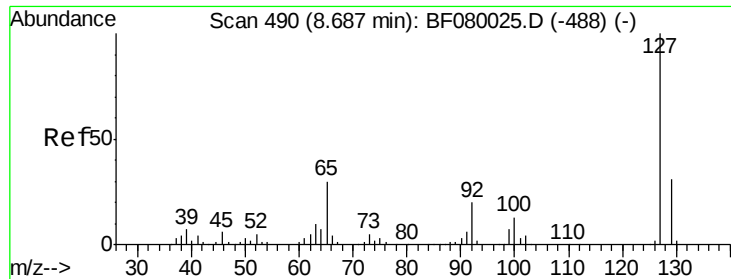


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

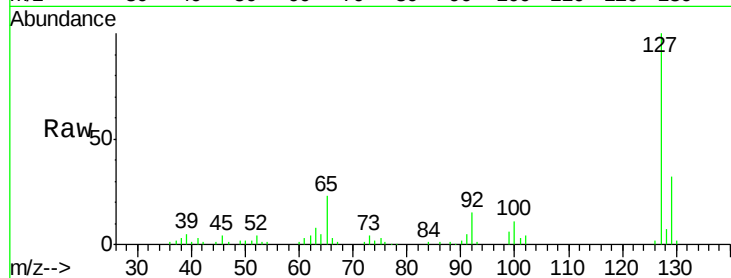




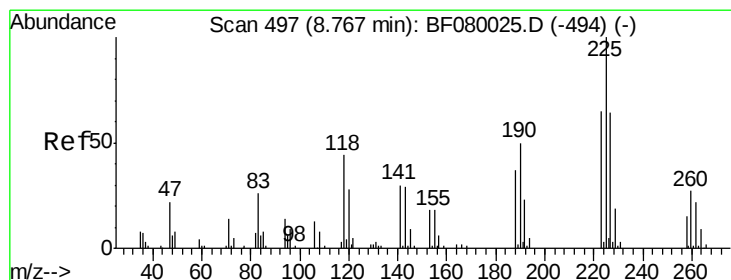
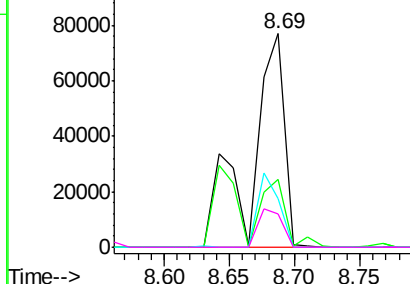
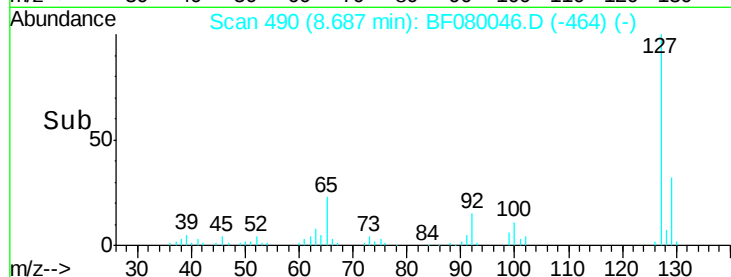
#33
4-Chloroaniline
Concen: 32.06 ng
RT: 8.69 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion:	127	Resp:	139025
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	22.5	17.9	26.9
92	15.4	10.5	15.7

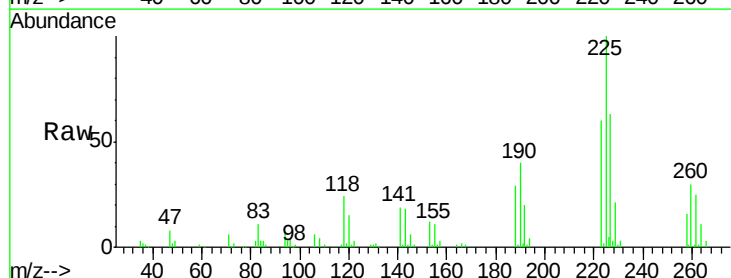


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

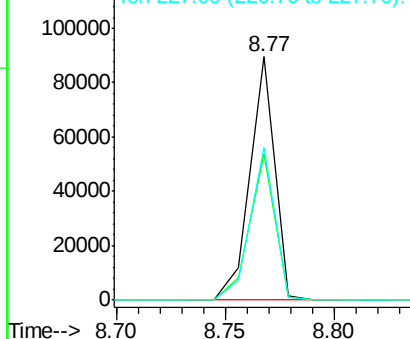
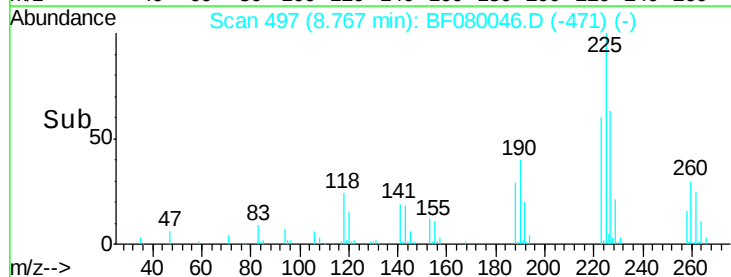


#34
Hexachlorobutadiene
Concen: 39.43 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion:	225	Resp:	70817
Ion	Ratio	Lower	Upper
225	100		
223	60.1	50.2	75.2
227	62.5	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

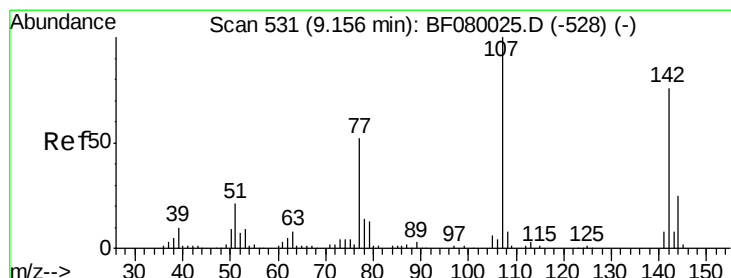
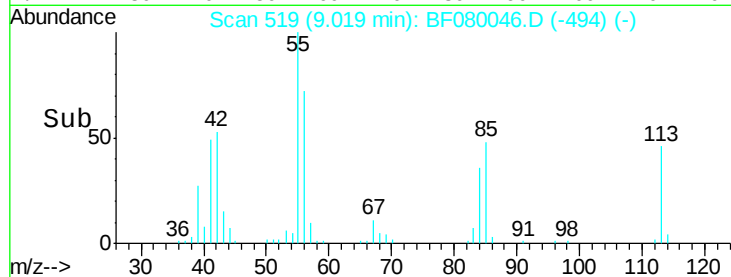
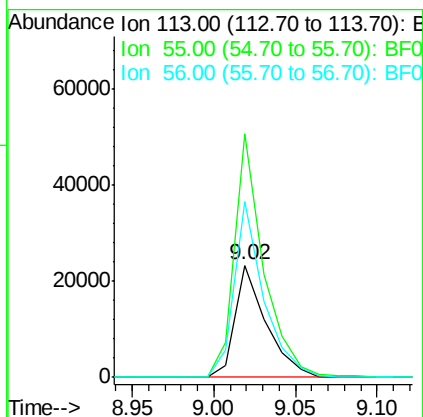
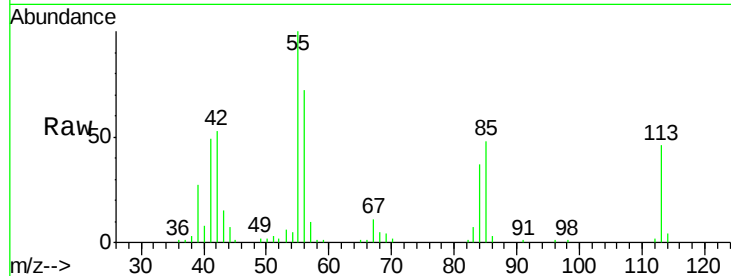




#35
 Caprolactam
 Concen: 36.74 ng
 RT: 9.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

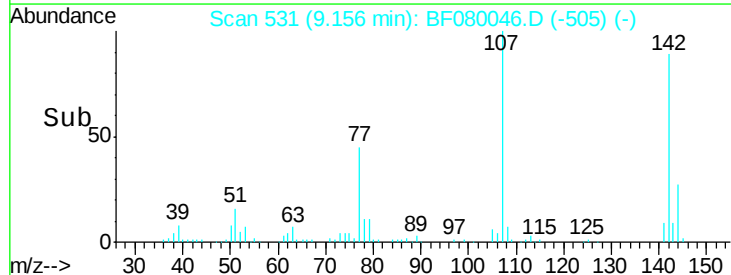
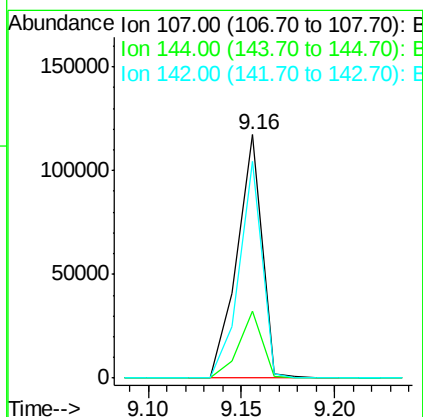
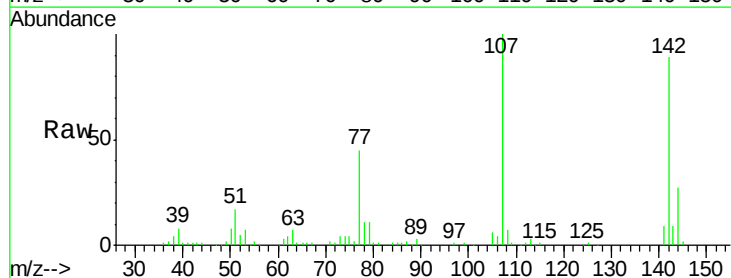
Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:113 Resp: 30630
 Ion Ratio Lower Upper
 113 100
 55 216.8 152.4 192.4#
 56 156.1 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 38.09 ng
 RT: 9.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:107 Resp: 110350
 Ion Ratio Lower Upper
 107 100
 144 27.4 25.4 38.0
 142 89.2 77.3 115.9

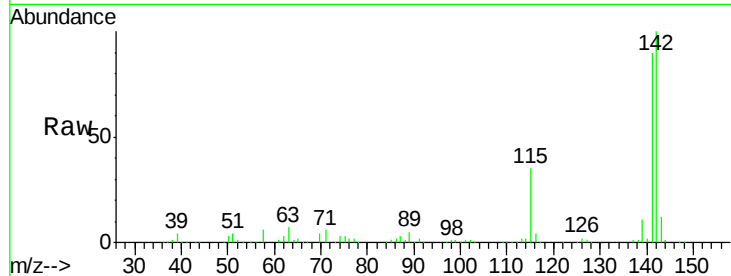




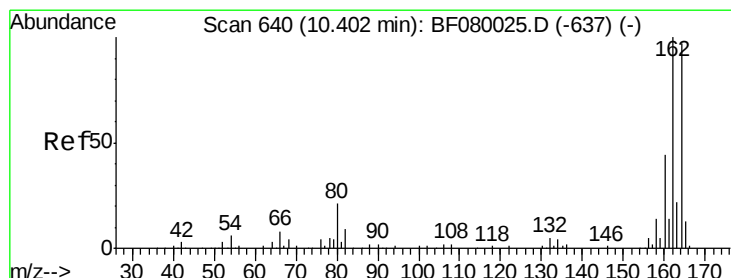
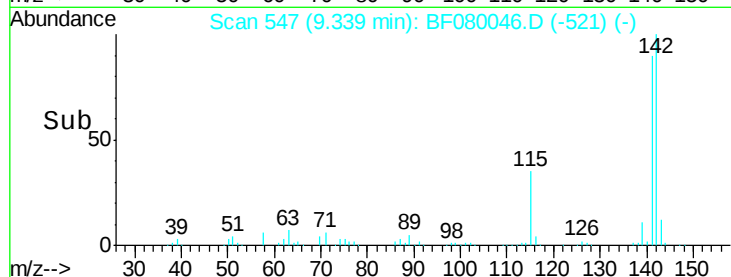
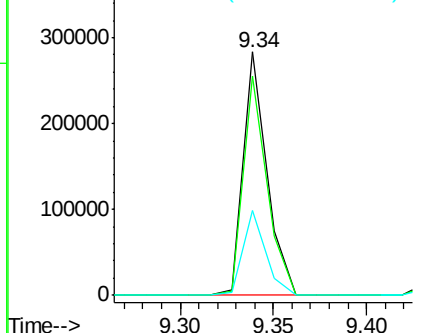
#37
 2-Methylnaphthalene
 Concen: 38.16 ng
 RT: 9.34 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:142 Resp: 250090
 Ion Ratio Lower Upper
 142 100
 141 90.0 67.5 101.3
 115 34.9 18.2 27.2#

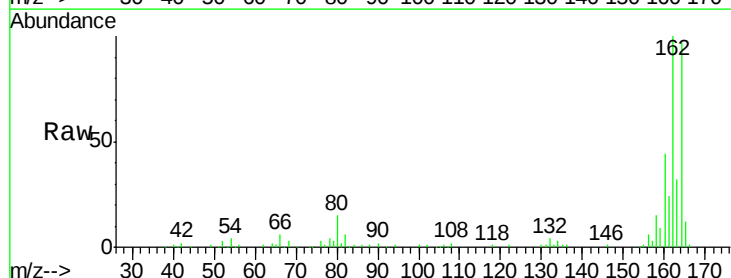


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

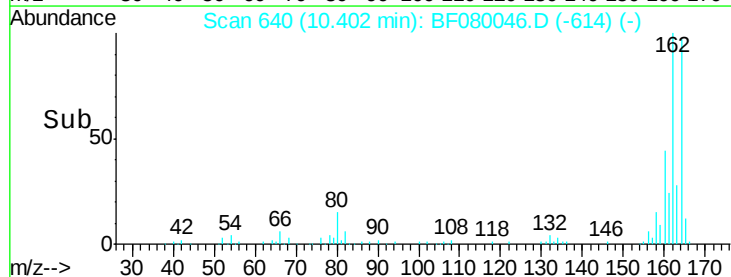
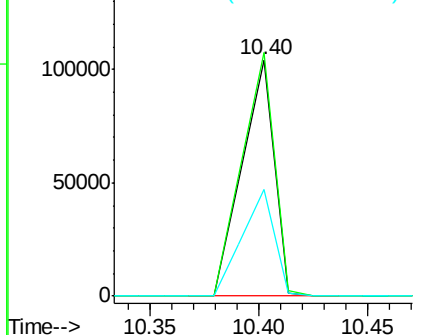


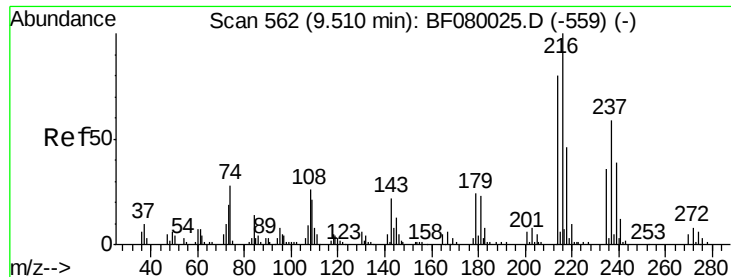
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:164 Resp: 107222
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 45.2 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

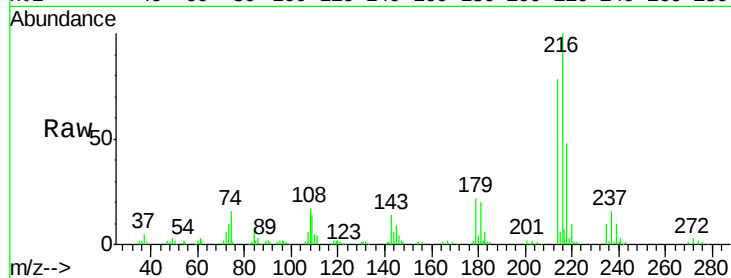




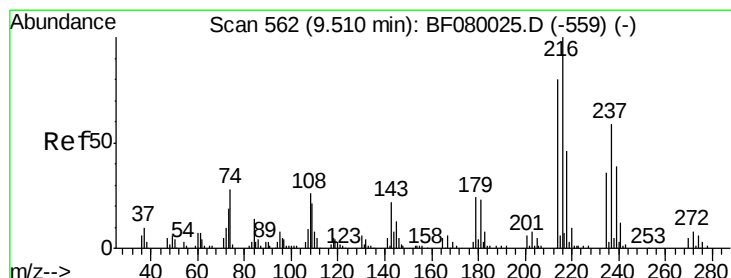
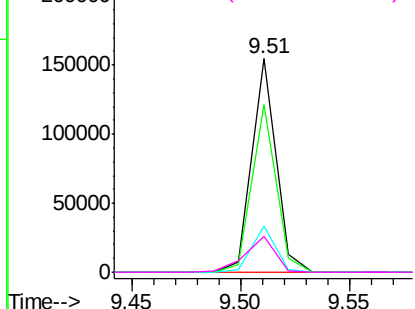
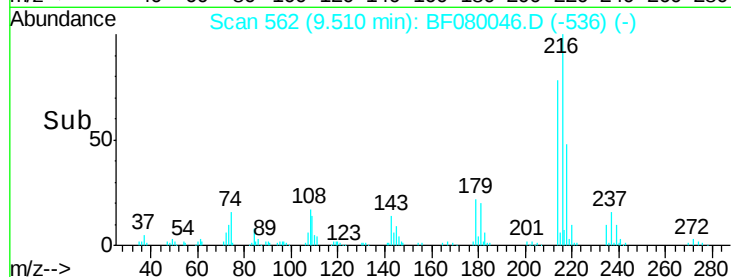
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.52 ng
 RT: 9.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:	216	Resp:	120195
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.5	95.3
179	21.4	16.6	24.8
108	20.4	16.3	24.5

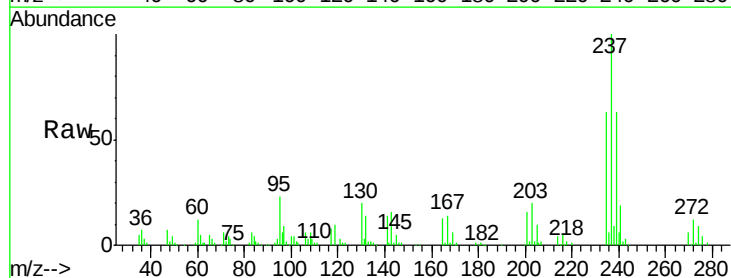


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

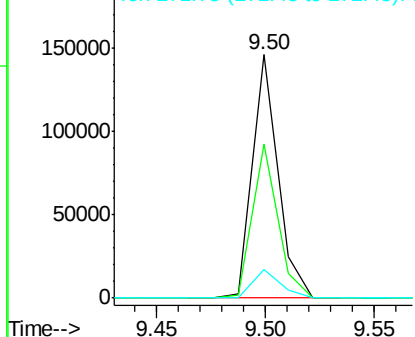
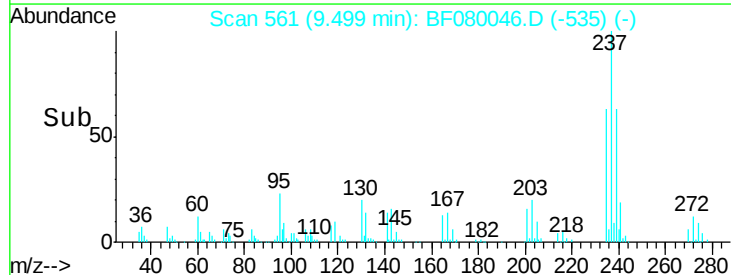


#40
 Hexachlorocyclopentadiene
 Concen: 74.63 ng
 RT: 9.50 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:	237	Resp:	119093
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.0	82.0
272	11.6	0.0	36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

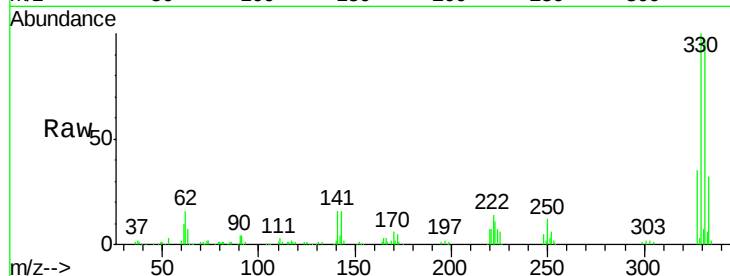




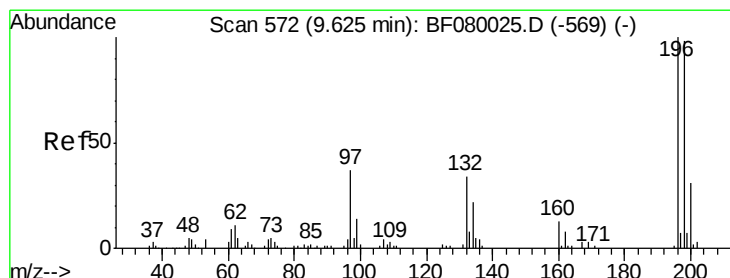
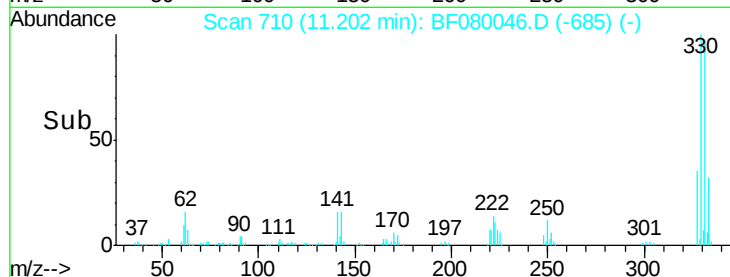
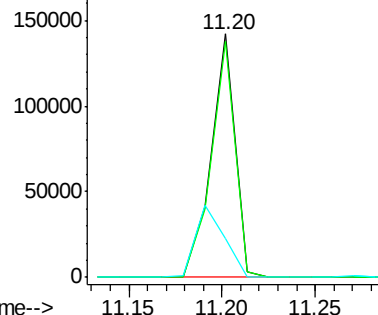
#41
 2,4,6-Tribromophenol
 Concen: 122.81 ng
 RT: 11.20 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:330 Resp: 128766
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 35.3 29.7 44.5

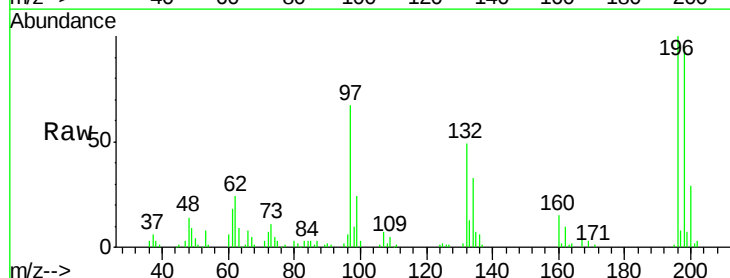


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

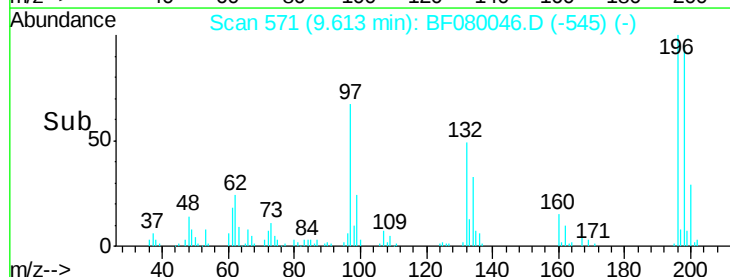
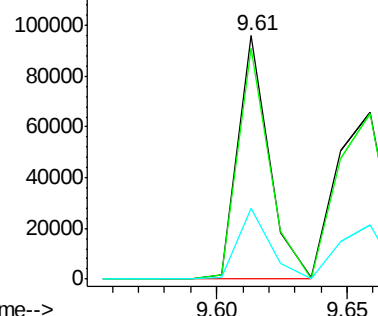


#42
 2,4,6-Trichlorophenol
 Concen: 37.83 ng
 RT: 9.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:196 Resp: 80306
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 29.2 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

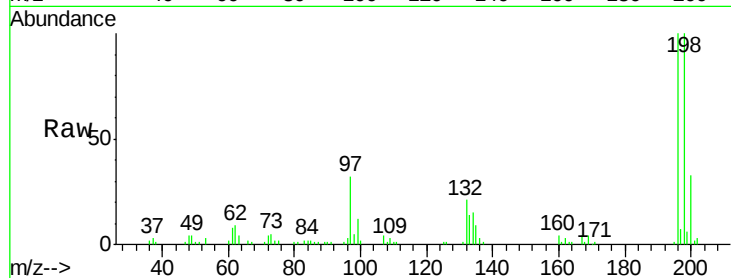




#43
 2,4,5-Trichlorophenol
 Concen: 33.23 ng
 RT: 9.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleID :
 PB84072BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	75.4	113.0
97	31.8	33.3	49.9#
132	20.6	24.6	37.0#



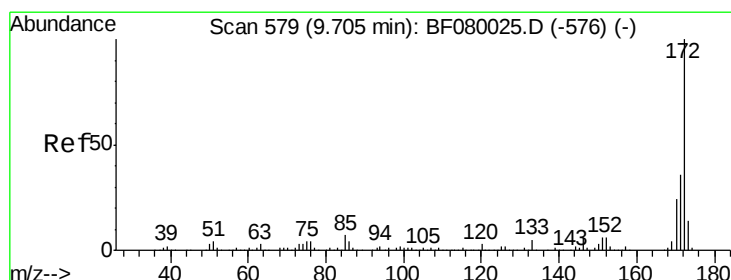
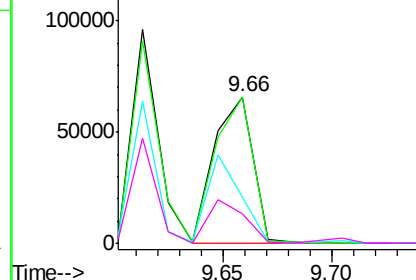
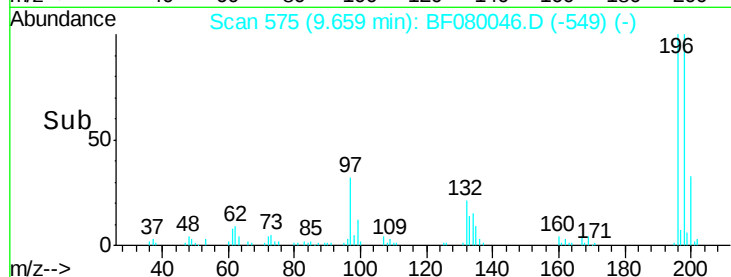
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

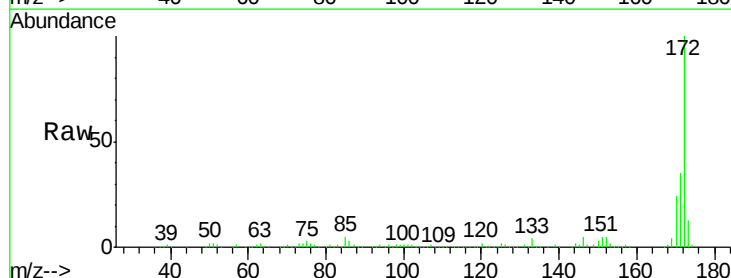
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.41 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.1	39.1
170	23.9	17.4	26.2

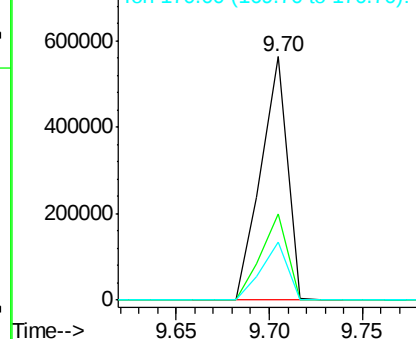
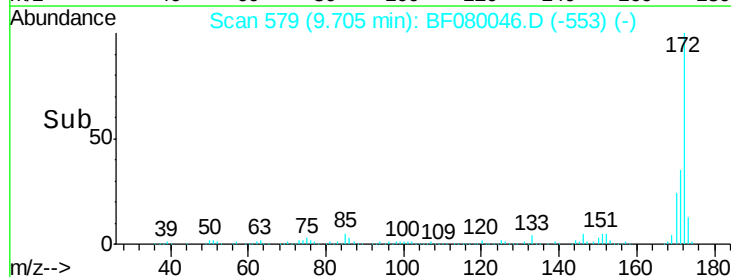


Abundance

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

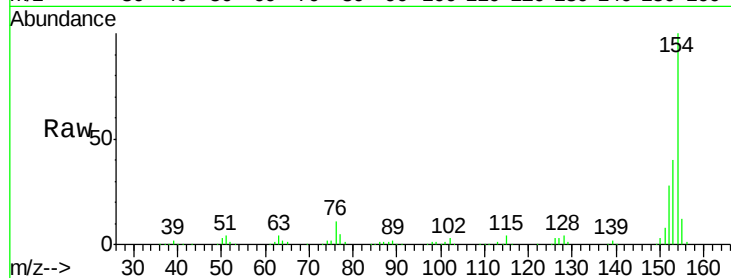




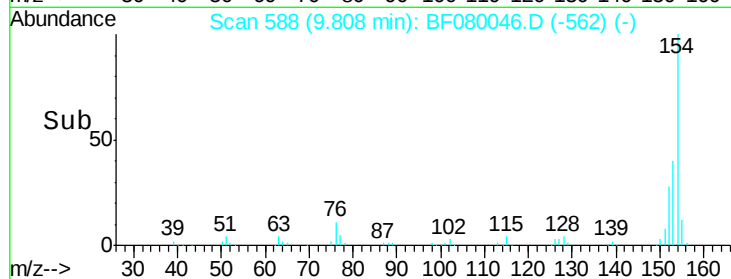
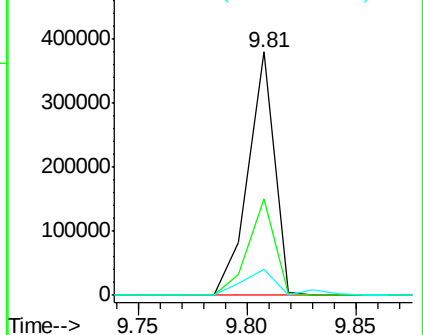
#45
 1,1'-Biphenyl
 Concen: 36.72 ng
 RT: 9.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:154 Resp: 320342
 Ion Ratio Lower Upper
 154 100
 153 39.7 17.1 57.1
 76 10.6 0.0 31.6

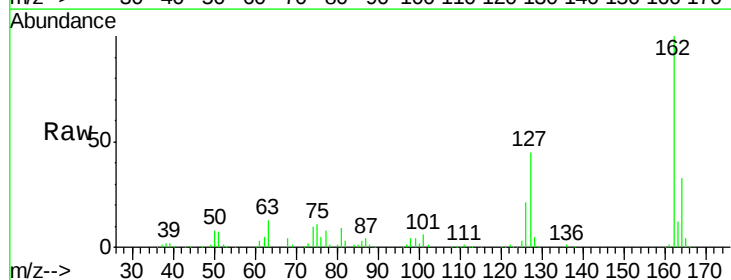


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

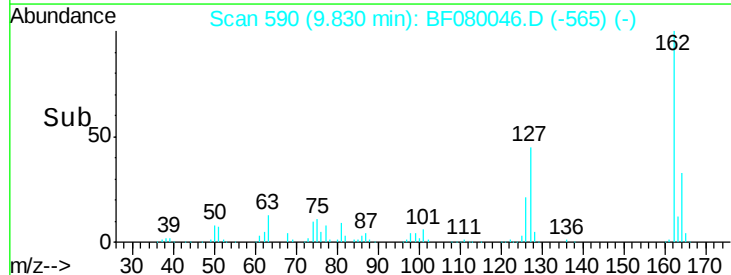
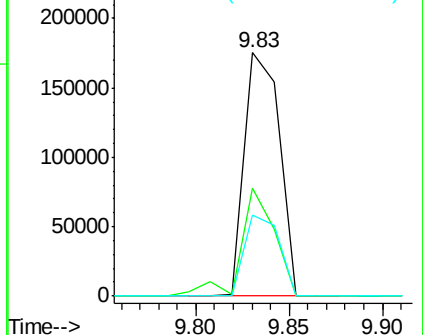


#46
 2-Chloronaphthalene
 Concen: 32.07 ng
 RT: 9.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:162 Resp: 227019
 Ion Ratio Lower Upper
 162 100
 127 44.5 27.6 41.4#
 164 33.1 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

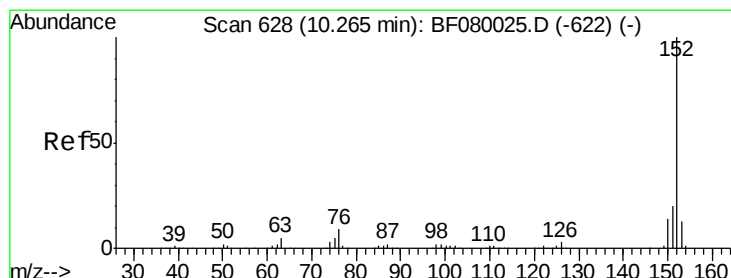
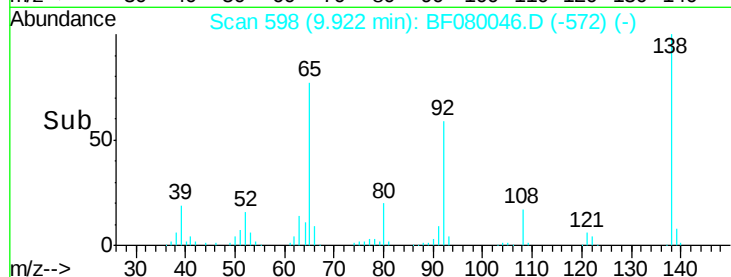
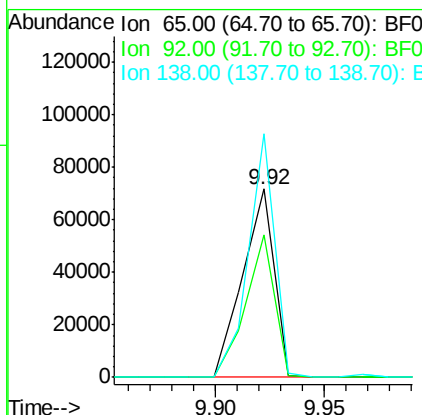
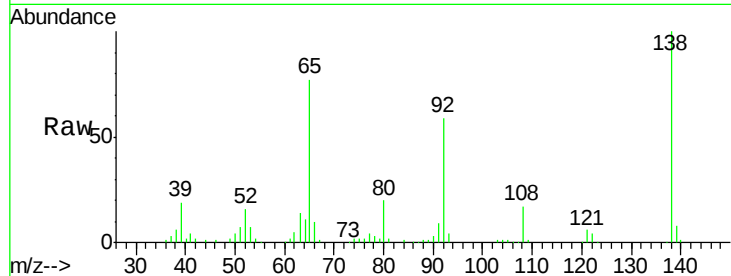




#47
 2-Nitroaniline
 Concen: 36.91 ng
 RT: 9.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

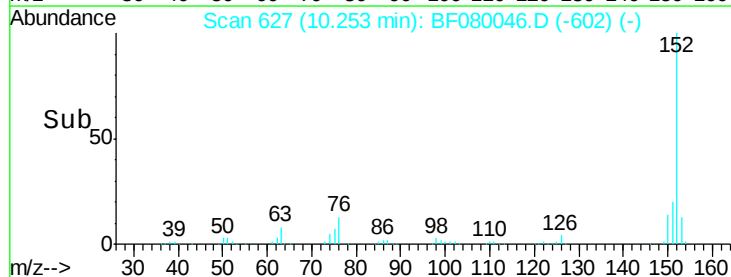
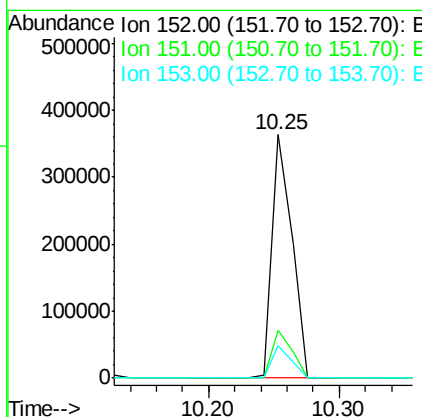
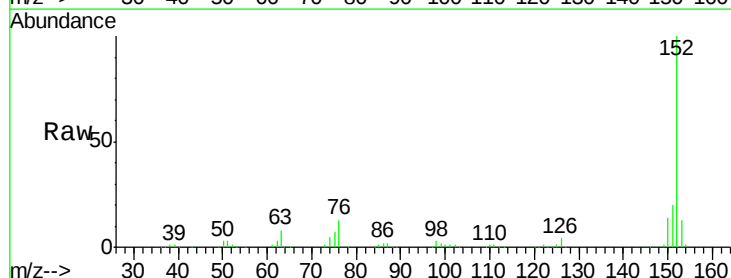
Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

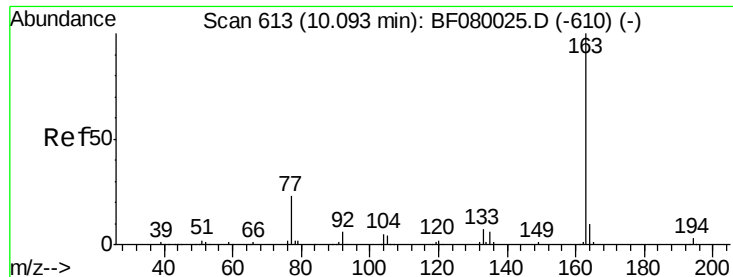
Tgt Ion: 65 Resp: 71710
 Ion Ratio Lower Upper
 65 100
 92 75.7 55.4 83.0
 138 129.2 115.5 173.3



#48
 Acenaphthylene
 Concen: 33.14 ng
 RT: 10.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion: 152 Resp: 391555
 Ion Ratio Lower Upper
 152 100
 151 19.8 14.6 22.0
 153 13.3 10.3 15.5

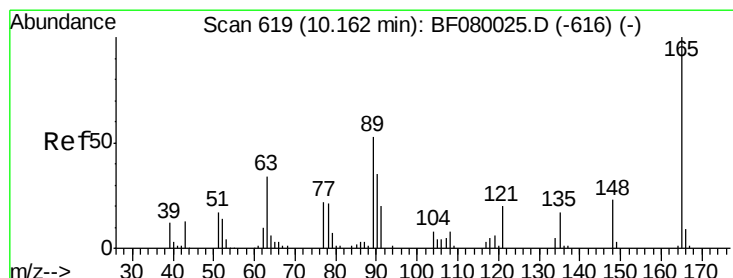
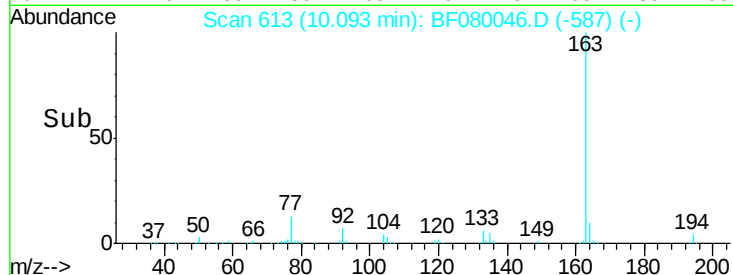
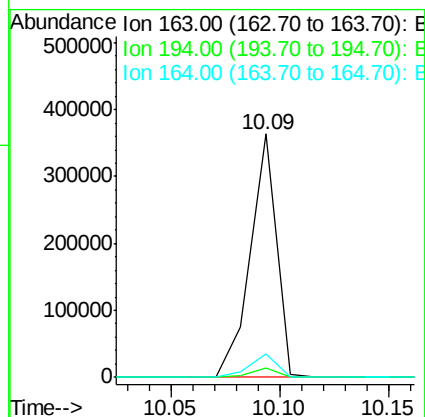
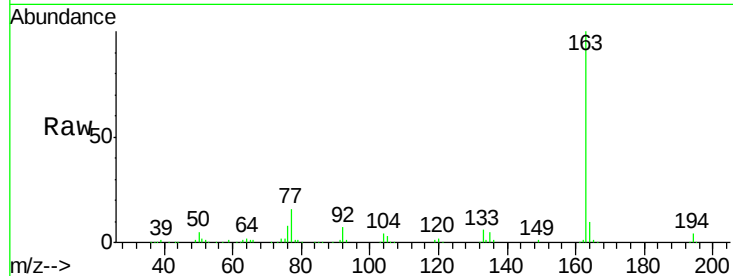




#49
Dimethylphthalate
Concen: 37.71 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

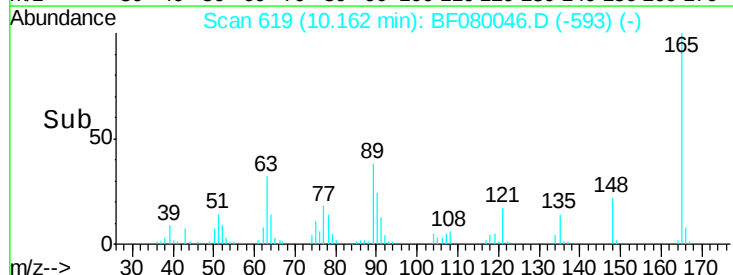
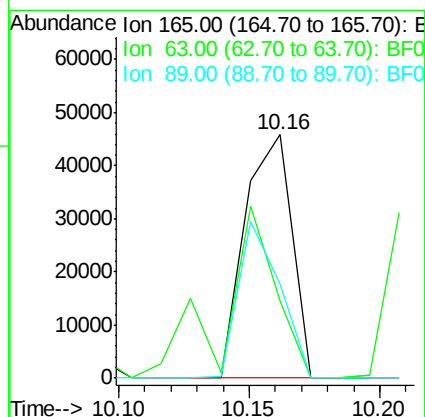
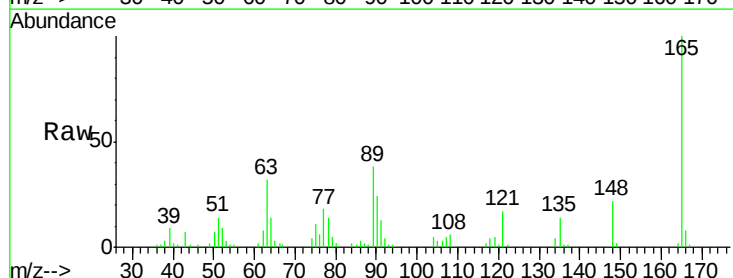
Instrument :
BNA_F
ClientSampleId :
PB84072BS

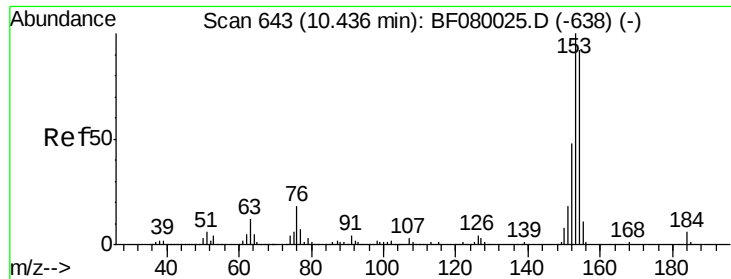
Tgt Ion:163 Resp: 303971
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 9.6 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 35.21 ng
RT: 10.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion:165 Resp: 56905
Ion Ratio Lower Upper
165 100
63 31.8 32.3 48.5#
89 38.4 28.6 43.0





#51

Acenaphthene

Concen: 34.99 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

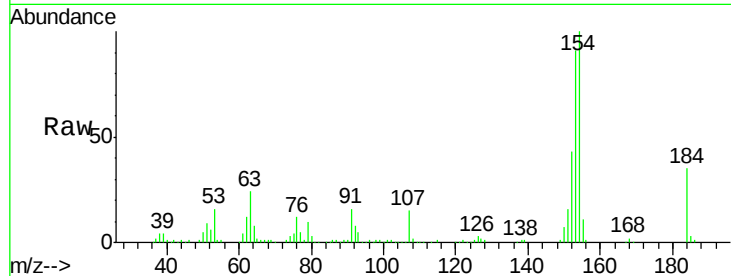
Tgt Ion:154 Resp: 252905

Ion Ratio Lower Upper

154 100

153 90.7 82.1 123.1

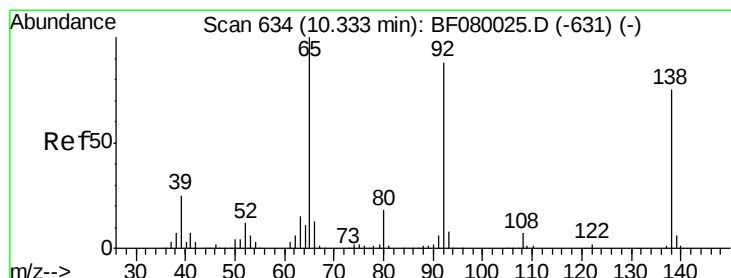
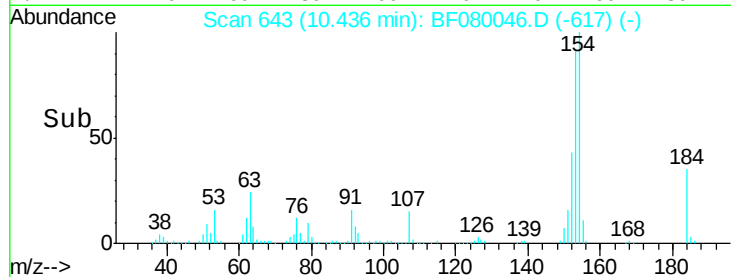
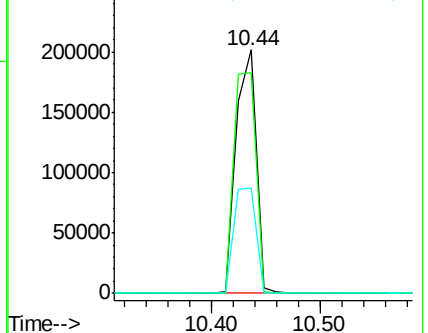
152 43.2 37.9 56.9



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: 27.37 ng

RT: 10.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

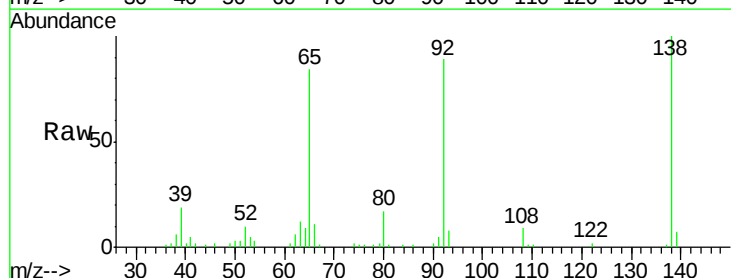
Tgt Ion:138 Resp: 51027

Ion Ratio Lower Upper

138 100

108 8.7 5.7 8.5#

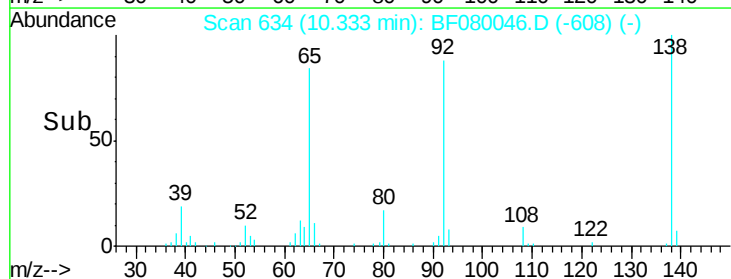
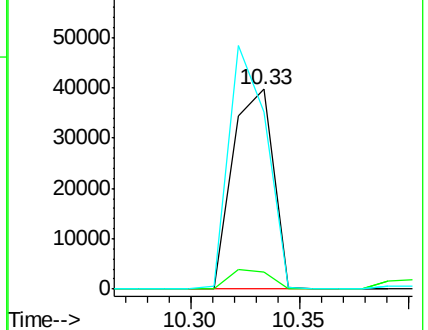
92 88.9 67.7 101.5

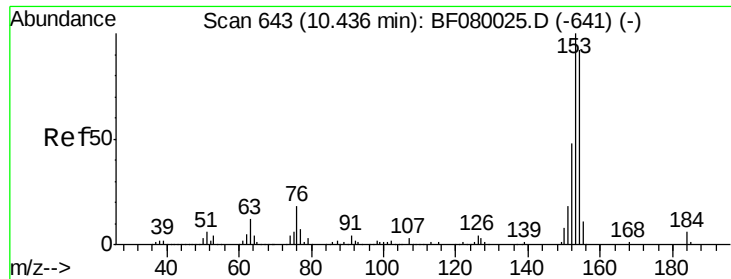


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

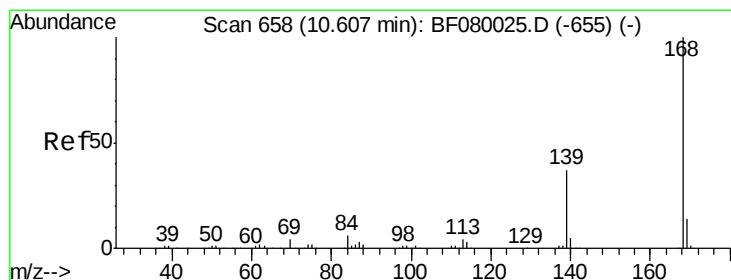
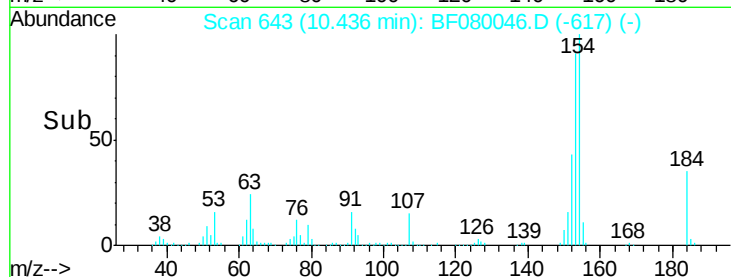
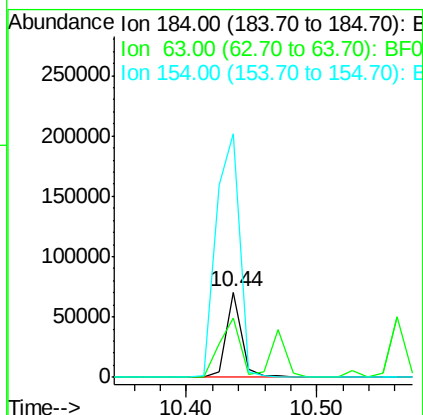
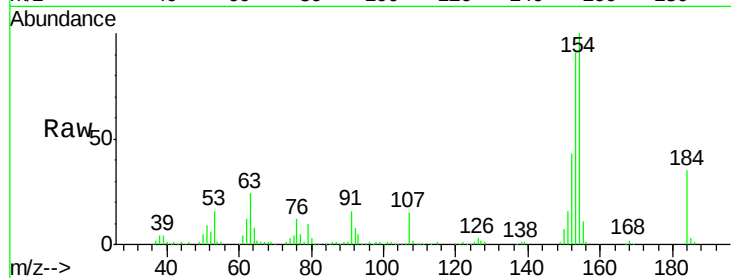




#53
2,4-Dinitrophenol
Concen: 88.00 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

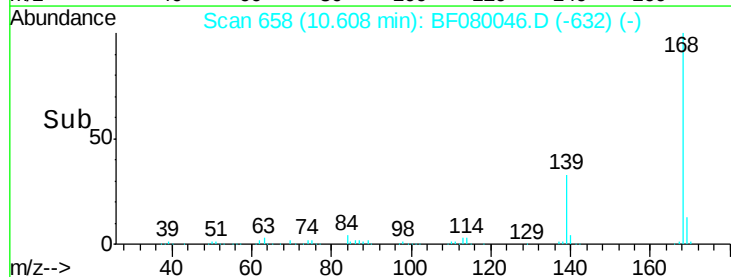
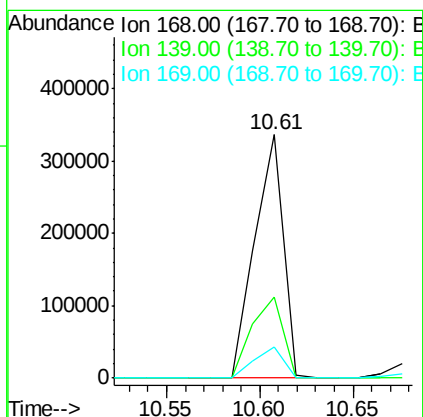
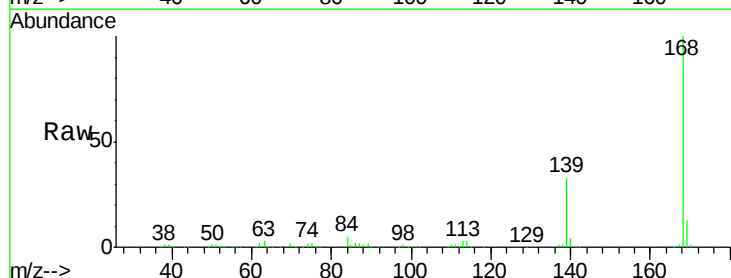
Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion:184 Resp: 58295
Ion Ratio Lower Upper
184 100
63 69.5 35.4 53.2#
154 284.8 32.2 48.4#



#54
Dibenzofuran
Concen: 34.50 ng
RT: 10.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion:168 Resp: 353794
Ion Ratio Lower Upper
168 100
139 33.0 24.2 36.2
169 12.7 10.6 15.8

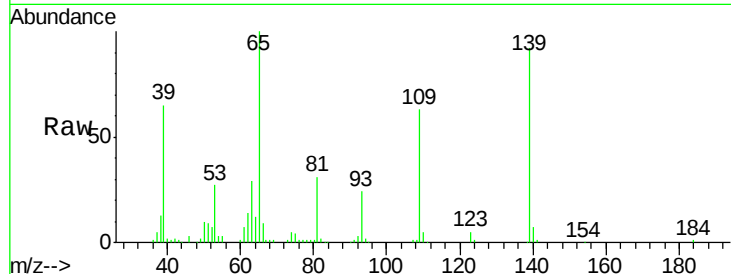




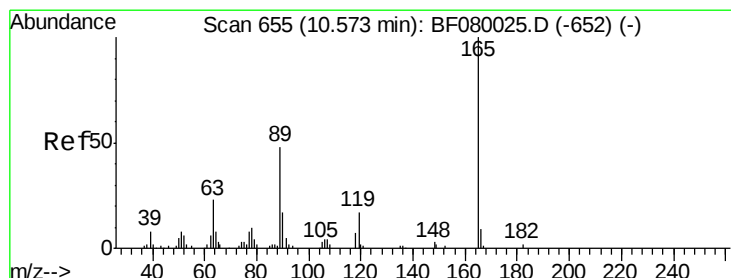
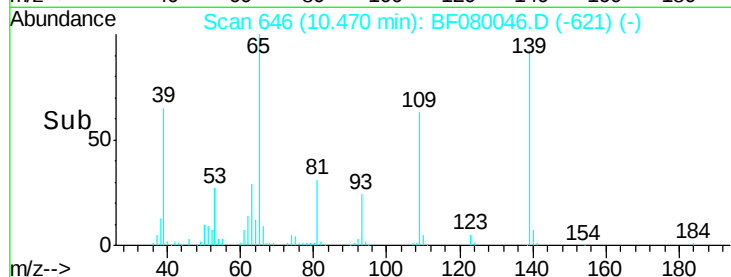
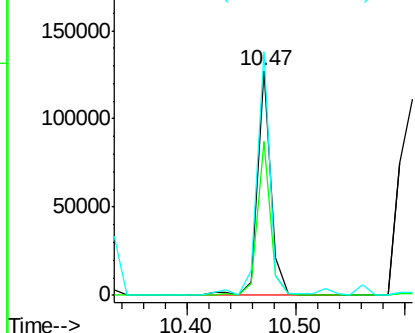
#55
4-Nitrophenol
Concen: 73.97 ng
RT: 10.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion:139 Resp: 110242
Ion Ratio Lower Upper
139 100
109 68.6 12.7 52.7#
65 108.3 45.9 85.9#

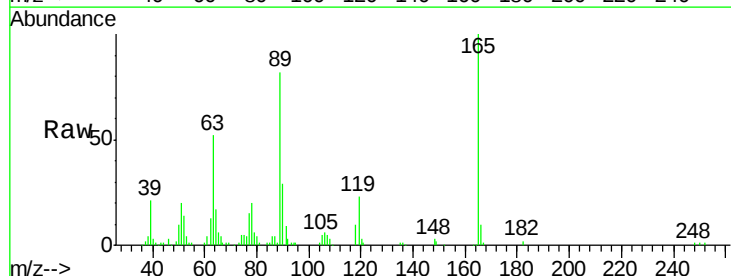


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

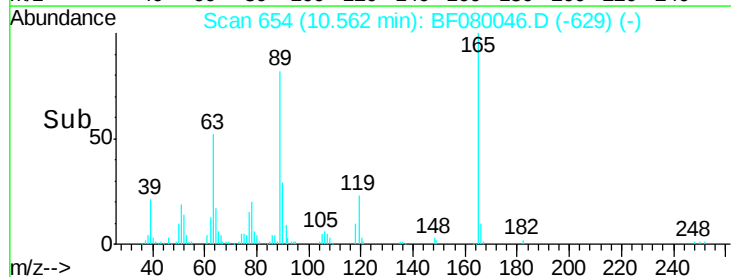
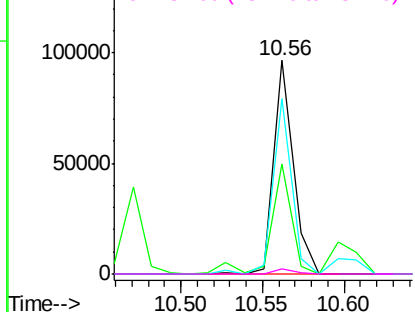


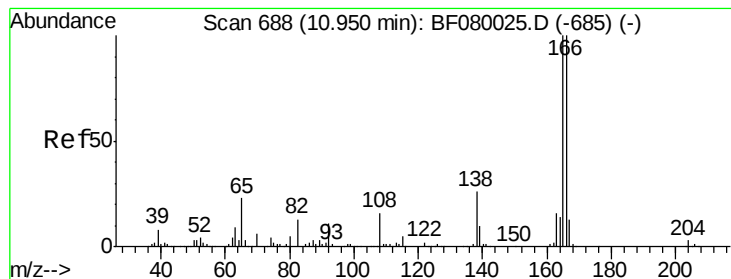
#56
2,4-Dinitrotoluene
Concen: 39.50 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion:165 Resp: 81000
Ion Ratio Lower Upper
165 100
63 51.5 29.8 44.6#
89 82.2 44.5 66.7#
182 2.2 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: 36.25 ng

RT: 10.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

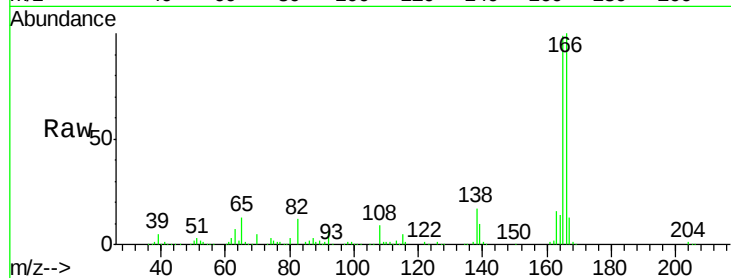
Tgt Ion:166 Resp: 294958

Ion Ratio Lower Upper

166 100

165 98.5 72.6 109.0

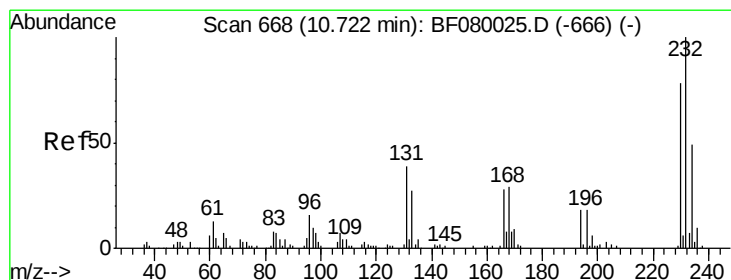
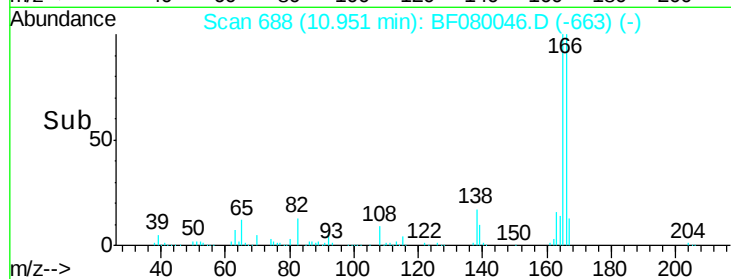
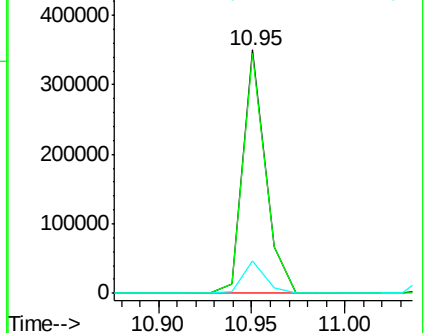
167 13.3 10.6 16.0



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: 35.77 ng

RT: 10.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion:232 Resp: 73854

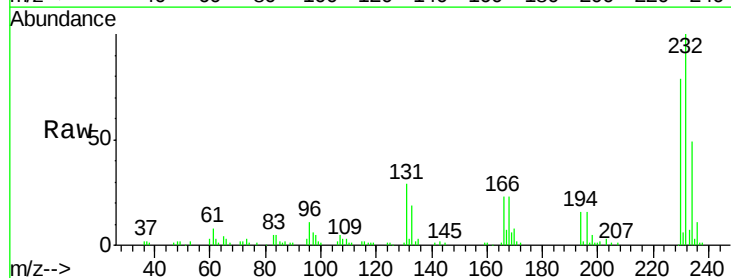
Ion Ratio Lower Upper

232 100

131 42.7 38.5 57.7

130 2.2 1.8 2.6

166 29.4 25.0 37.6

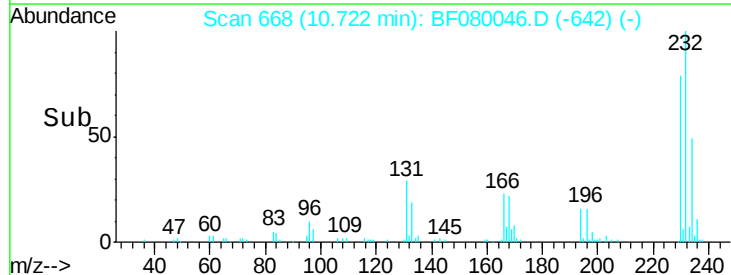
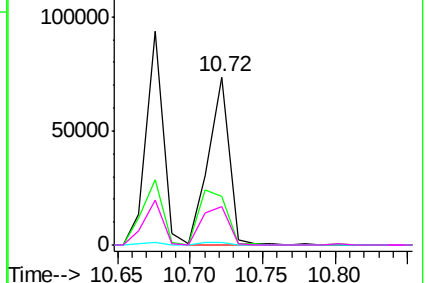


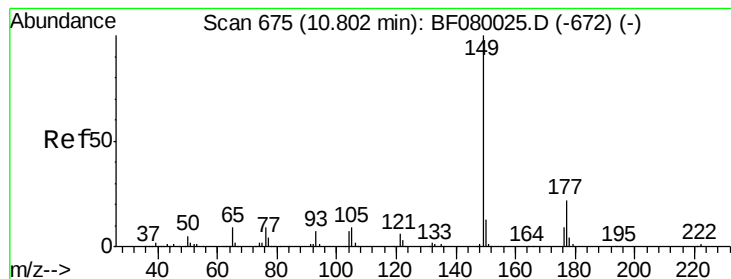
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.54 ng

RT: 10.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

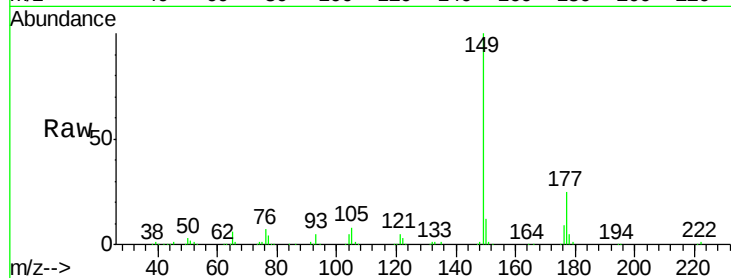
Tgt Ion:149 Resp: 296628

Ion Ratio Lower Upper

149 100

177 24.6 17.5 26.3

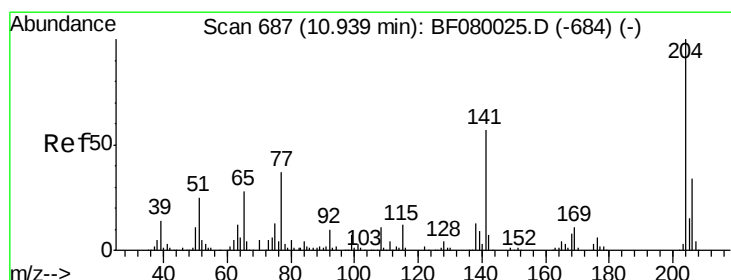
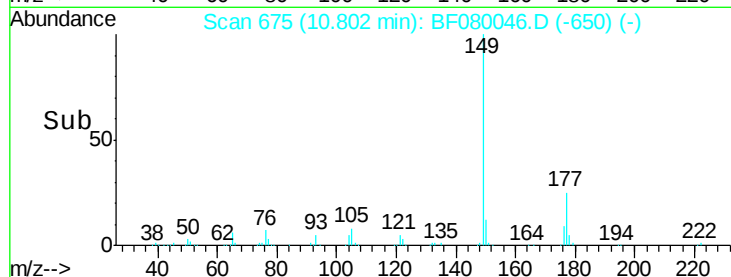
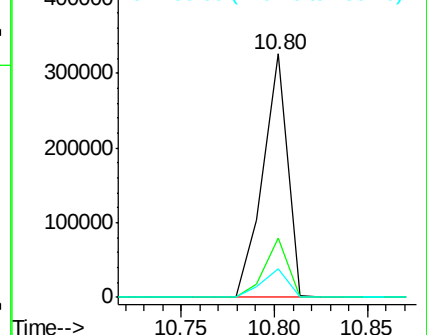
150 11.9 9.4 14.2



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: 35.81 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

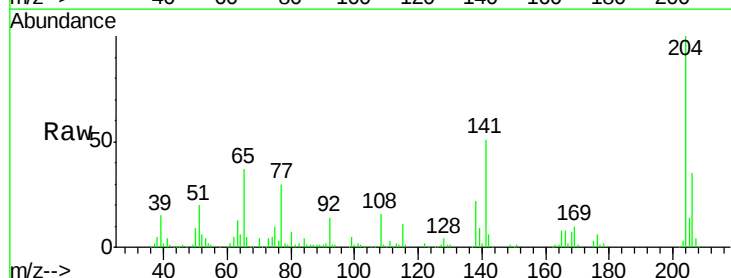
Tgt Ion:204 Resp: 140056

Ion Ratio Lower Upper

204 100

206 34.9 24.8 37.2

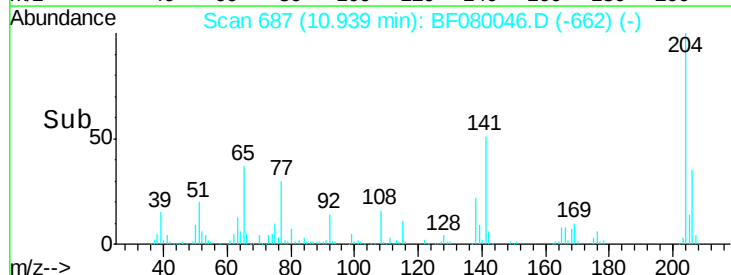
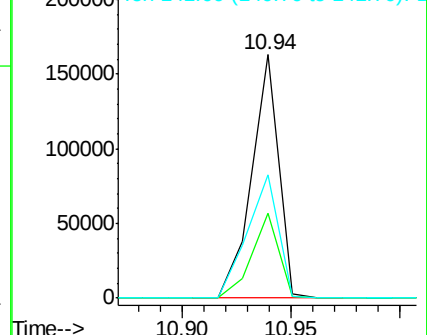
141 50.6 42.2 63.4



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: 34.19 ng

RT: 10.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

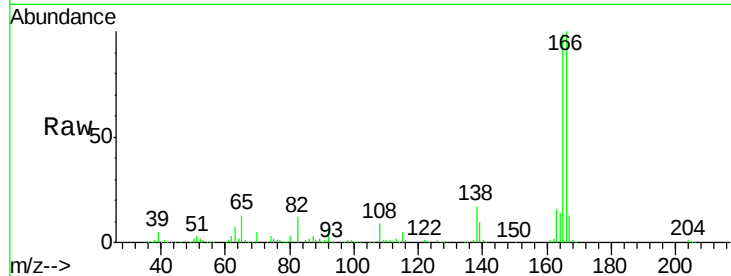
Tgt Ion:138 Resp: 65846

Ion Ratio Lower Upper

138 100

92 37.6 12.6 52.6

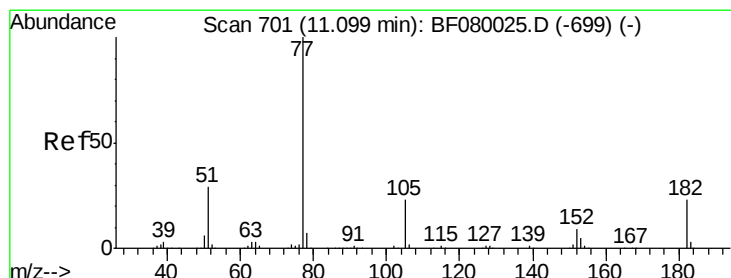
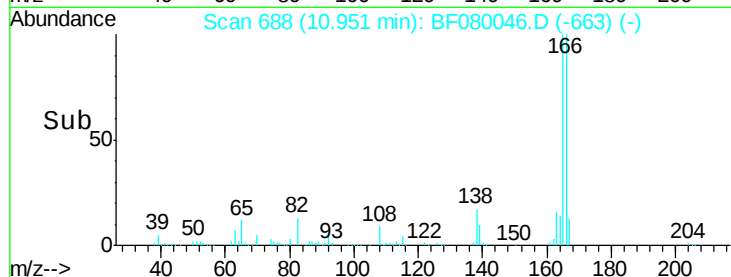
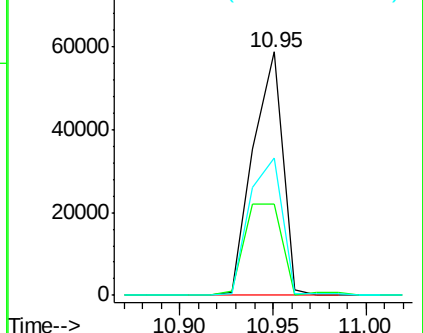
108 56.5 12.4 52.4#



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: 36.32 ng

RT: 11.10 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion: 77 Resp: 300123

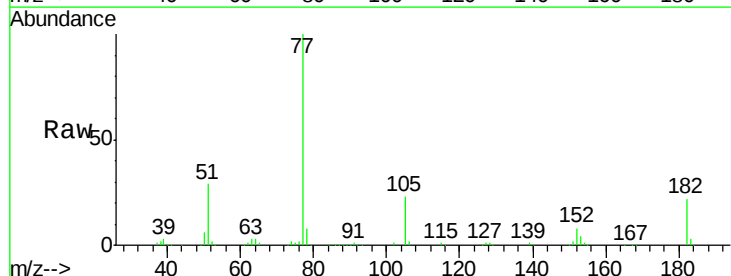
Ion Ratio Lower Upper

77 100

182 22.2 15.1 55.1

105 22.7 3.4 43.4

51 29.0 12.0 52.0

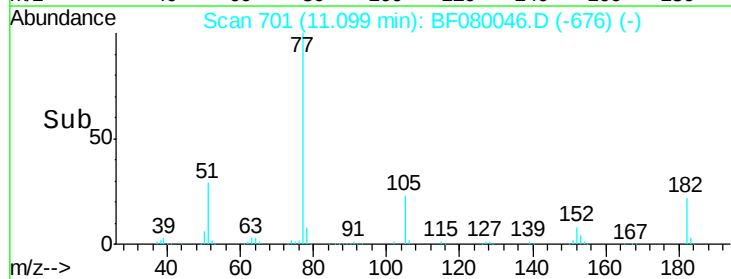
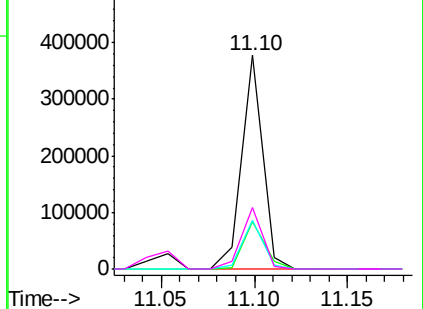


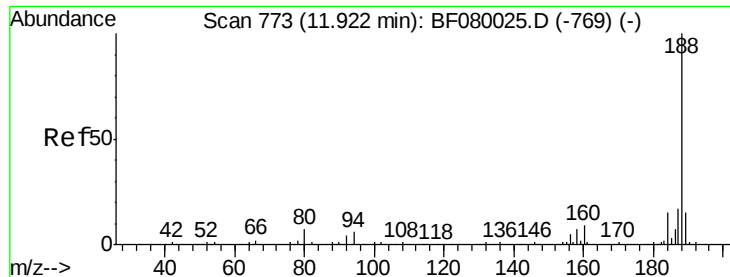
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

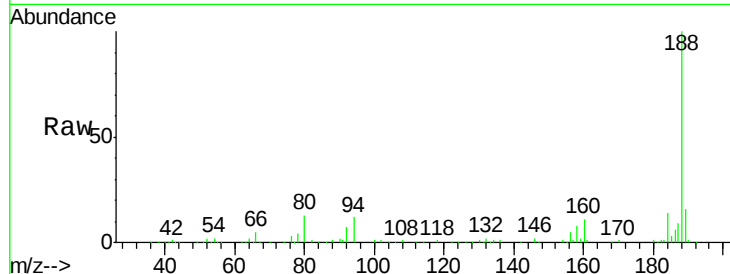




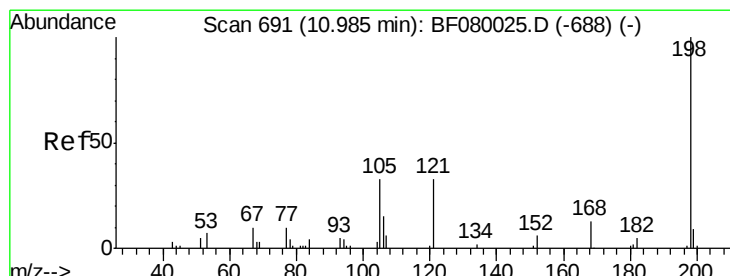
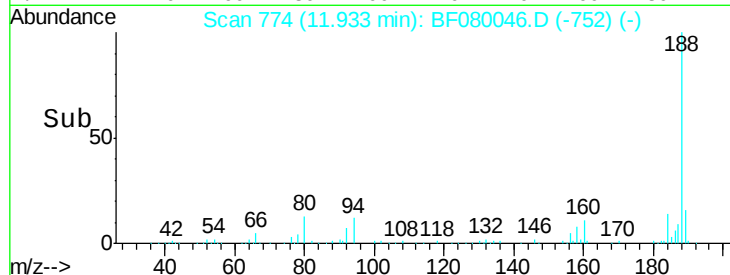
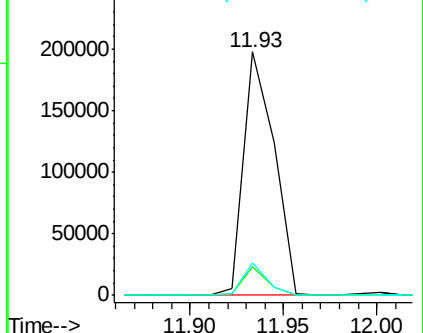
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.93 min Scan# 774
Delta R.T. -0.05 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion:188 Resp: 225296
Ion Ratio Lower Upper
188 100
94 11.9 11.1 16.7
80 13.4 11.0 16.4

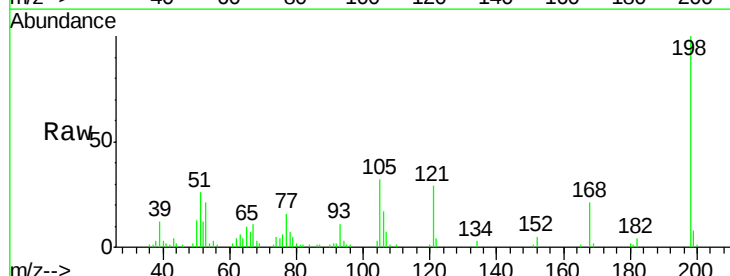


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

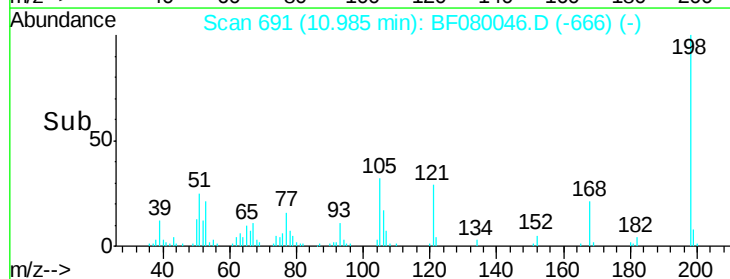
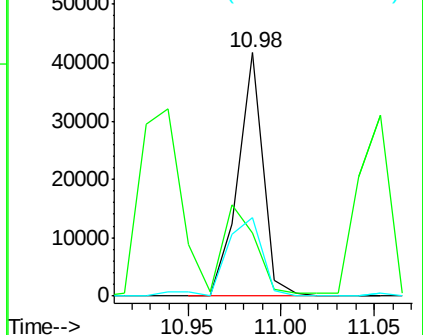


#64
4,6-Dinitro-2-methylphenol
Concen: 37.83 ng
RT: 10.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion:198 Resp: 39346
Ion Ratio Lower Upper
198 100
51 25.8 39.6 79.6#
105 32.2 28.5 68.5



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

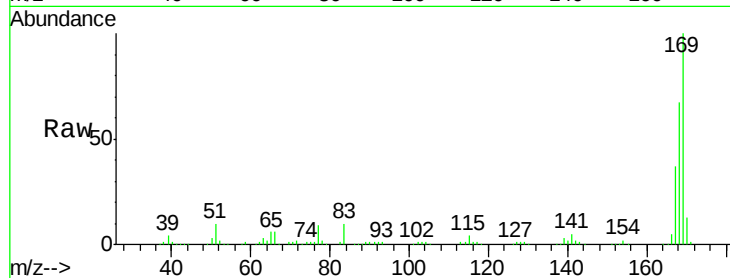




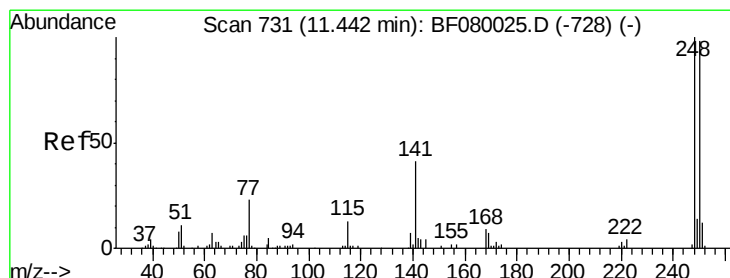
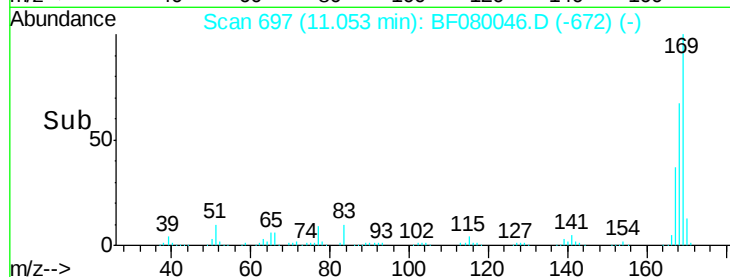
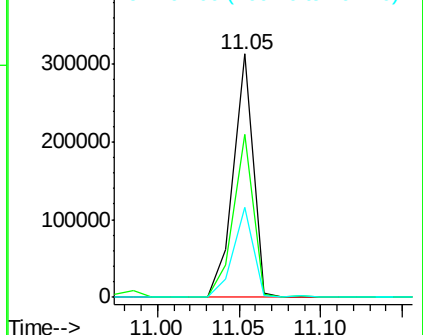
#65
 n-Nitrosodiphenylamine
 Concen: 35.77 ng
 RT: 11.05 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:169 Resp: 262411
 Ion Ratio Lower Upper
 169 100
 168 67.1 48.9 73.3
 167 36.9 26.2 39.4

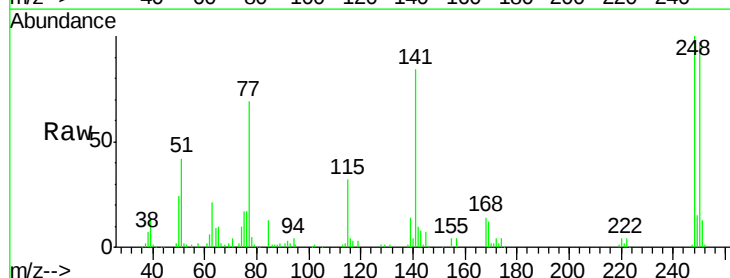


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

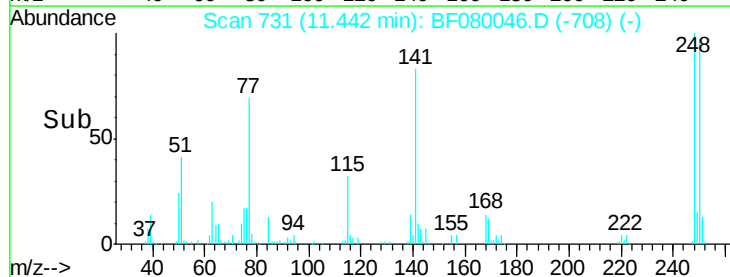
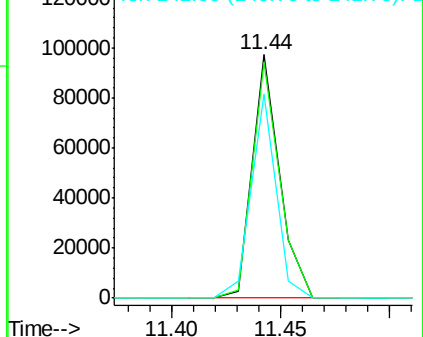


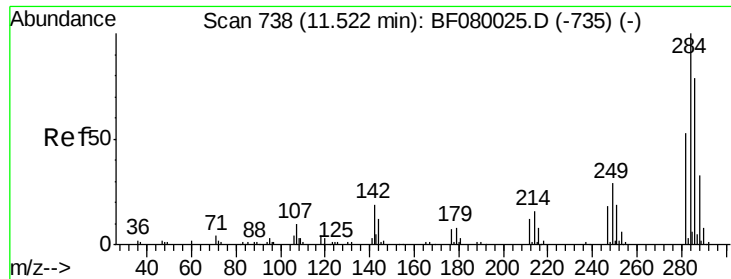
#66
 4-Bromophenyl-phenylether
 Concen: 35.27 ng
 RT: 11.44 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:248 Resp: 84497
 Ion Ratio Lower Upper
 248 100
 250 96.8 78.5 117.7
 141 83.7 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

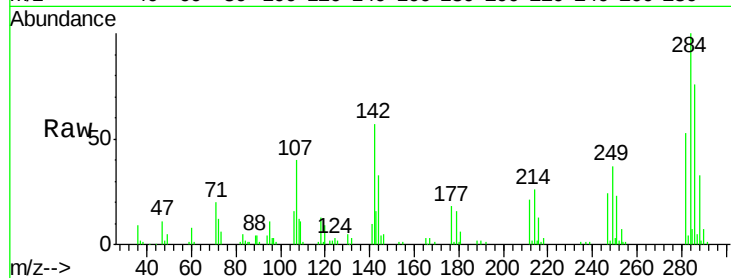




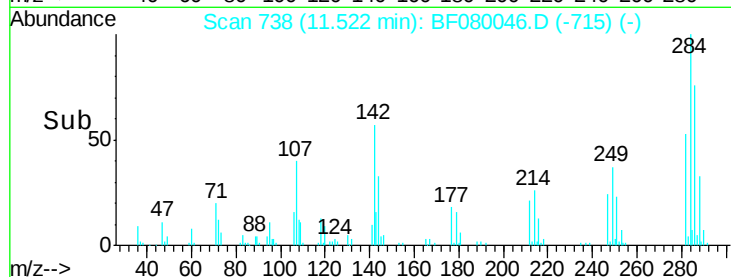
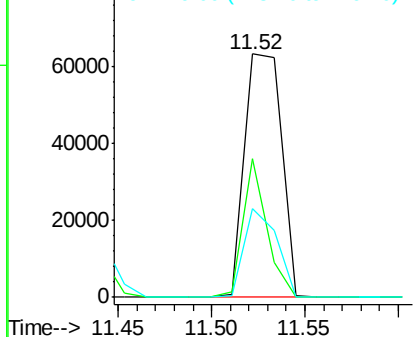
#67
Hexachlorobenzene
Concen: 32.67 ng
RT: 11.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion:284 Resp: 86989
Ion Ratio Lower Upper
284 100
142 57.2 29.5 44.3#
249 36.6 19.5 29.3#

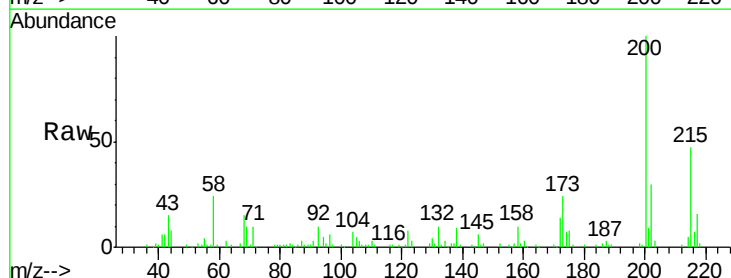


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

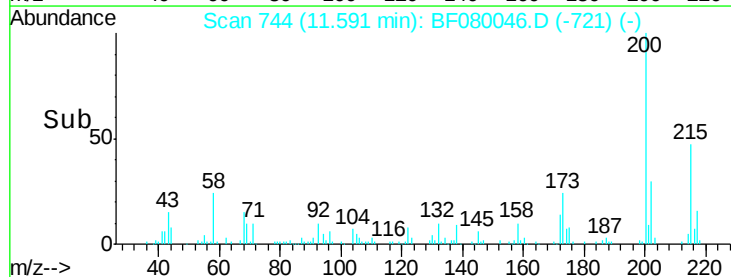
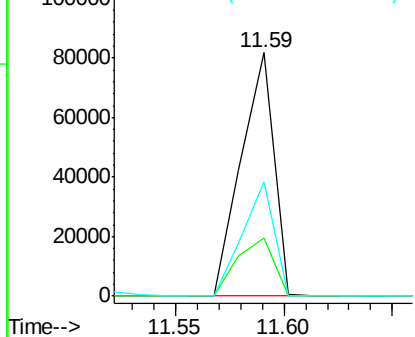


#68
Atrazine
Concen: 36.92 ng
RT: 11.59 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion:200 Resp: 85573
Ion Ratio Lower Upper
200 100
173 23.7 13.2 53.2
215 47.2 41.8 81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

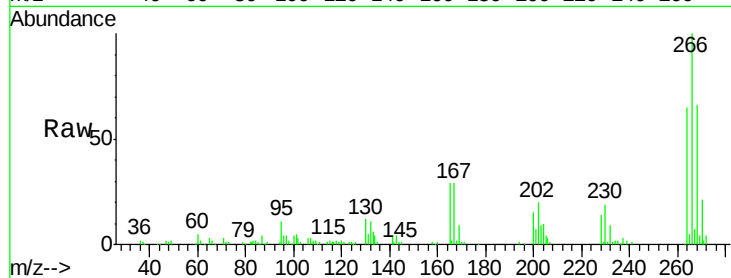




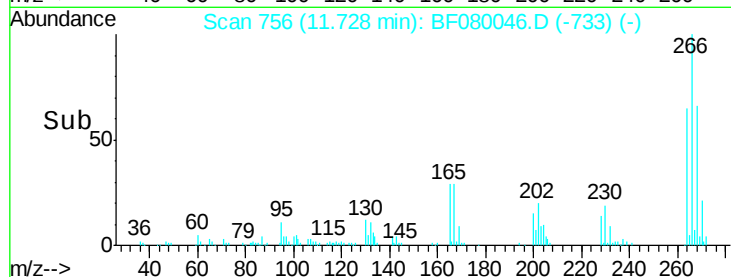
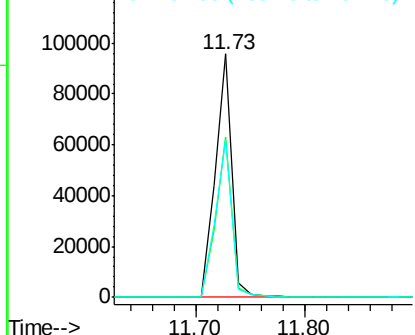
#69
 Pentachlorophenol
 Concen: 67.87 ng
 RT: 11.73 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:266 Resp: 102388
 Ion Ratio Lower Upper
 266 100
 268 66.0 49.8 74.6
 264 64.9 50.2 75.2

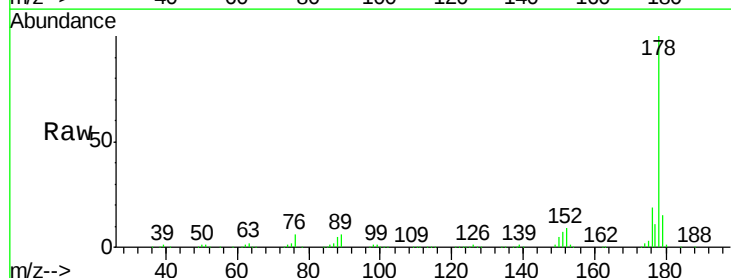


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

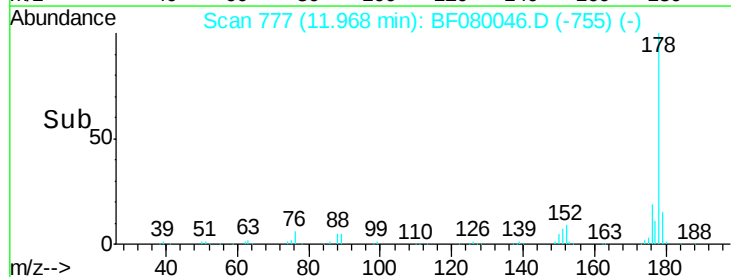
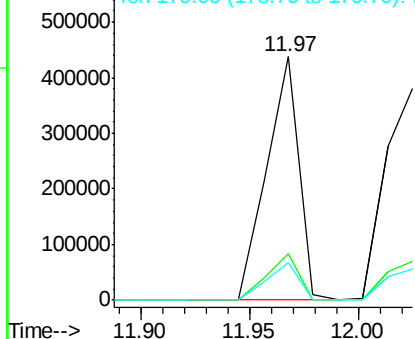


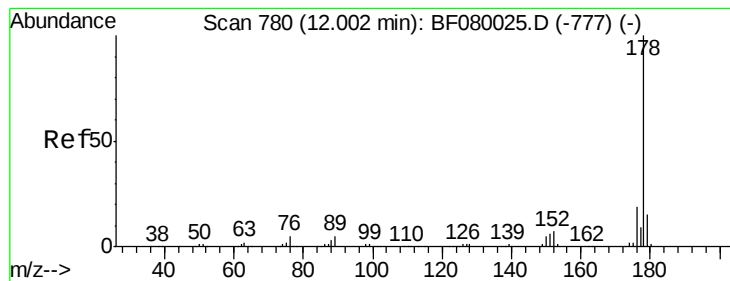
#70
 Phenanthrene
 Concen: 33.28 ng
 RT: 11.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:178 Resp: 453896
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 179 15.2 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: 35.02 ng

RT: 12.02 min Scan# 782

Delta R.T. -0.05 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

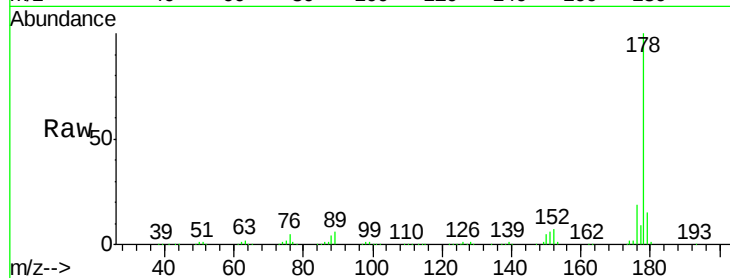
Tgt Ion:178 Resp: 459930

Ion Ratio Lower Upper

178 100

176 18.6 14.1 21.1

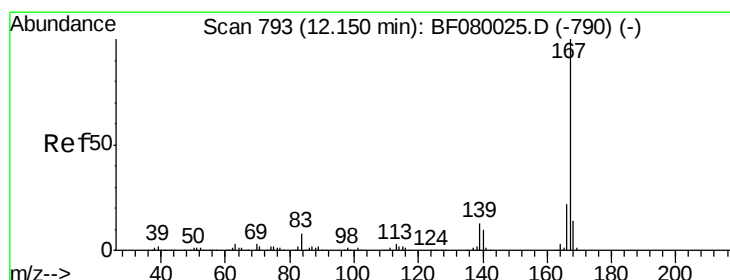
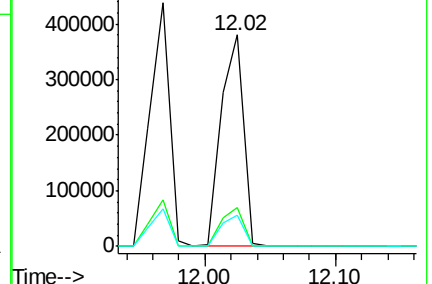
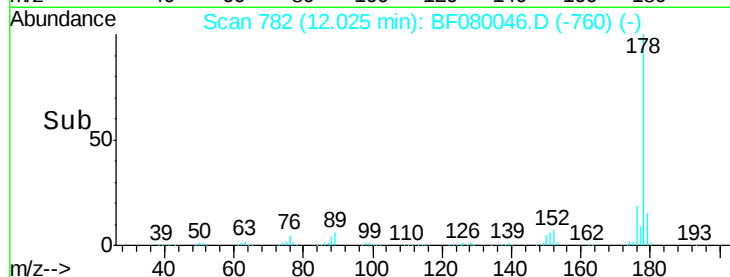
179 14.8 12.2 18.2



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



#72

Carbazole

Concen: 32.23 ng

RT: 12.17 min Scan# 795

Delta R.T. -0.06 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

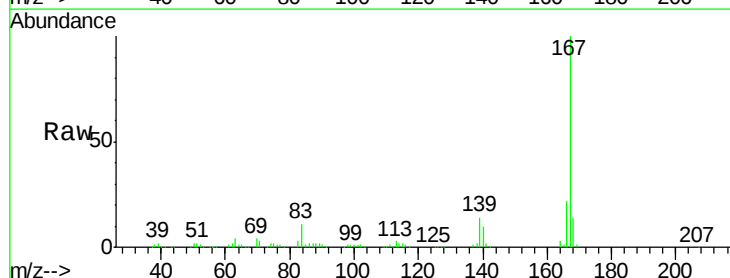
Tgt Ion:167 Resp: 404112

Ion Ratio Lower Upper

167 100

166 21.6 15.7 23.5

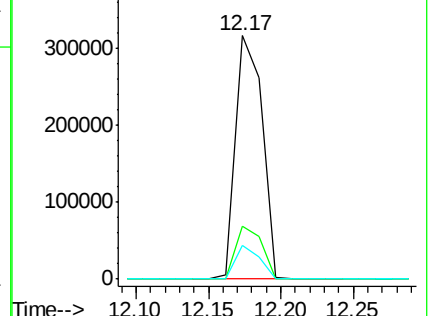
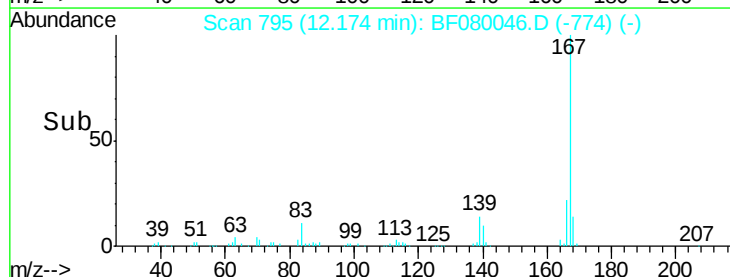
139 13.9 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.49 ng

RT: 12.53 min Scan# 826

Delta R.T. -0.08 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

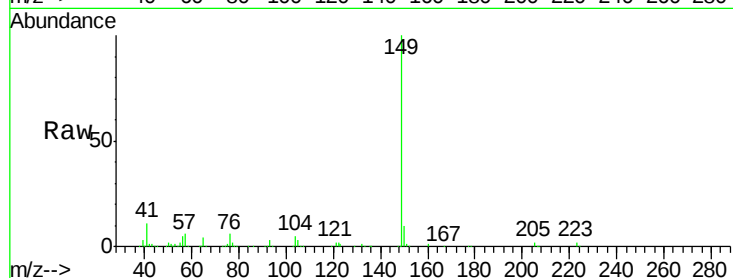
Tgt Ion:149 Resp: 485238

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

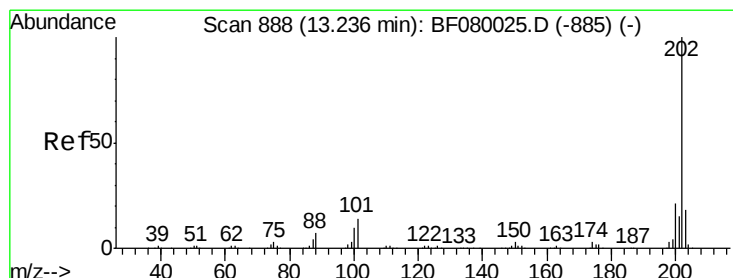
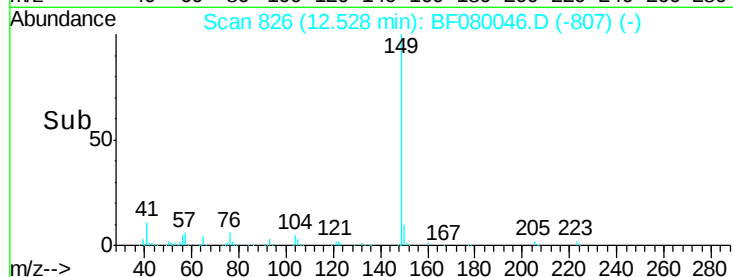
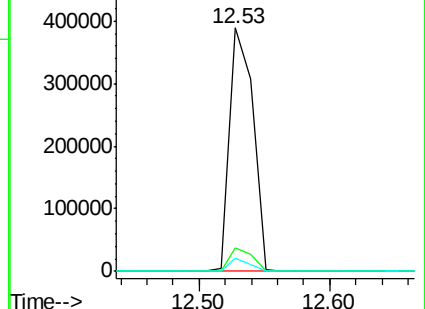
104 5.4 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.64 ng

RT: 13.32 min Scan# 895

Delta R.T. -0.11 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

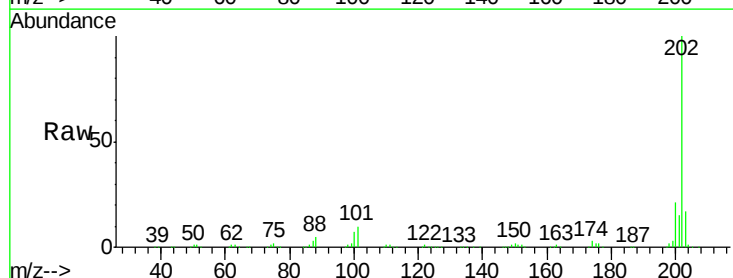
Tgt Ion:202 Resp: 488609

Ion Ratio Lower Upper

202 100

101 10.3 0.0 38.3

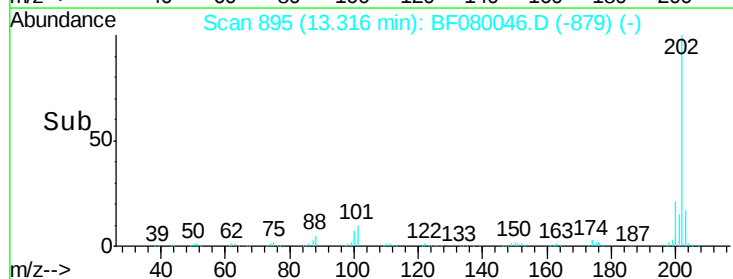
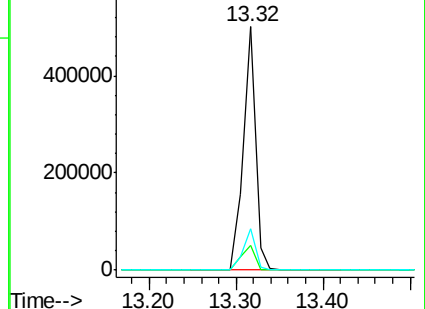
203 17.2 0.0 37.3

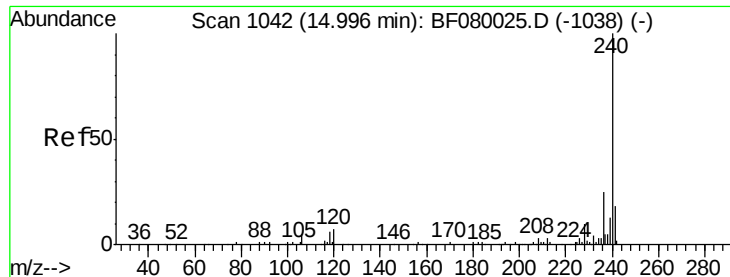


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.16 min Scan# 1056

Delta R.T. -0.25 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

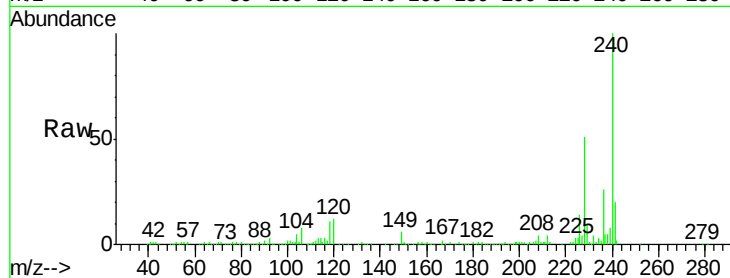
Tgt Ion:240 Resp: 247322

Ion Ratio Lower Upper

240 100

120 11.5 16.2 24.2#

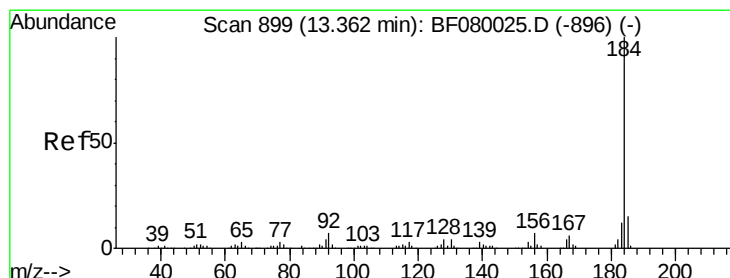
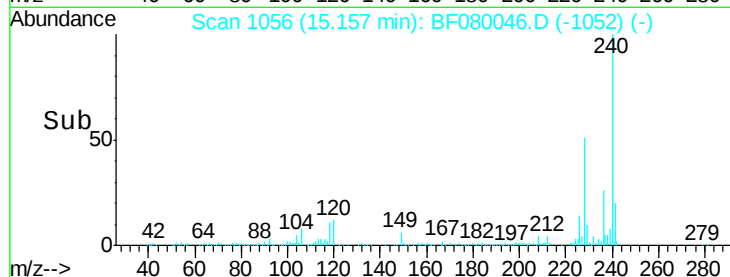
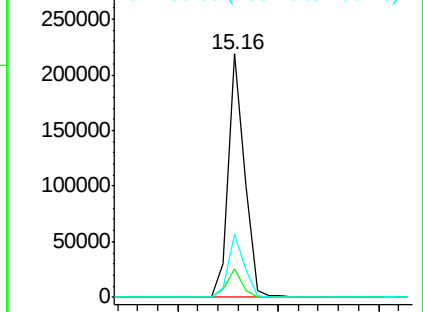
236 25.7 18.4 27.6



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: 39.40 ng

RT: 13.44 min Scan# 906

Delta R.T. -0.13 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

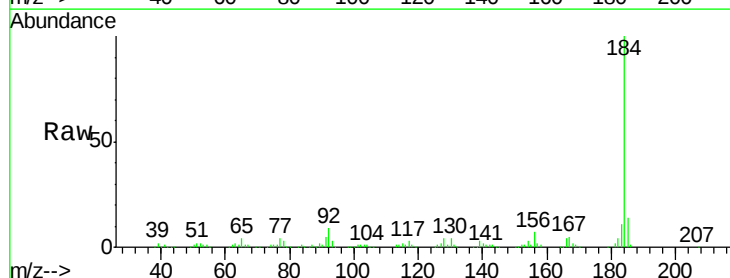
Tgt Ion:184 Resp: 272357

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.6

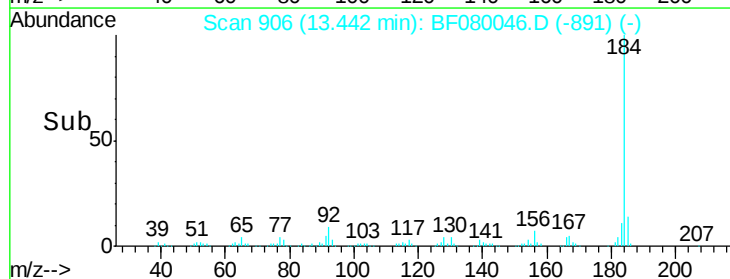
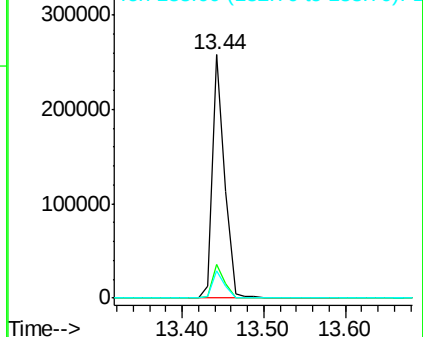
183 11.3 7.6 11.4



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

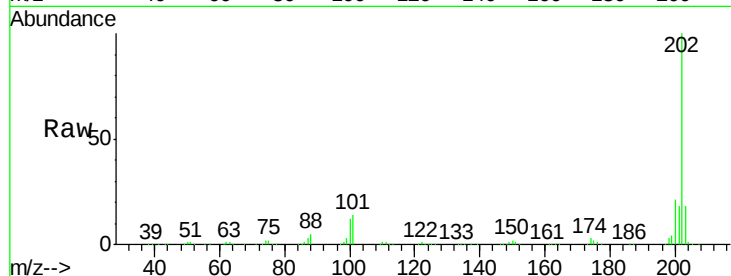




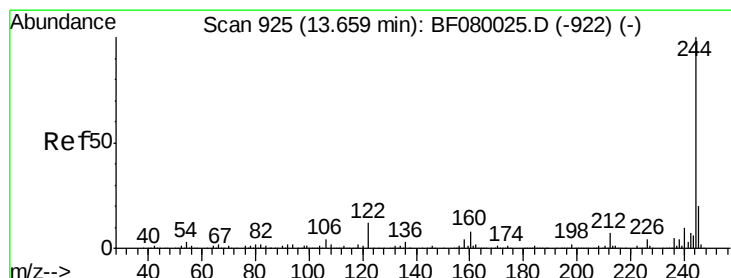
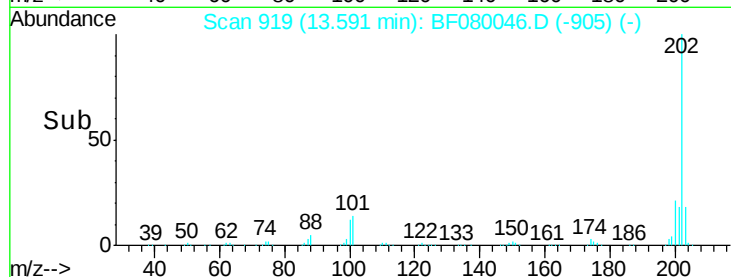
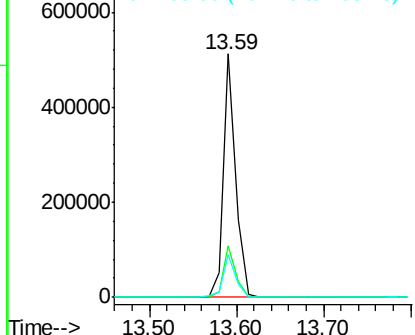
#77
 Pyrene
 Concen: 33.31 ng
 RT: 13.59 min Scan# 919
 Delta R.T. -0.14 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	15.0	22.4
203	17.6	14.1	21.1

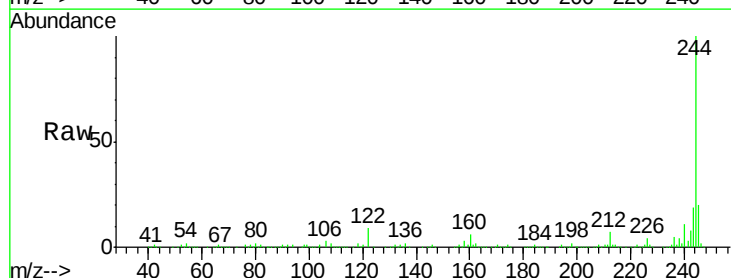


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

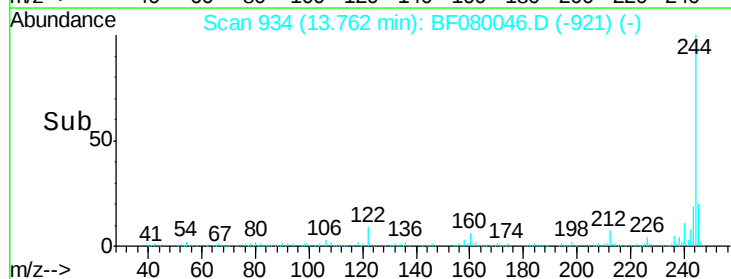
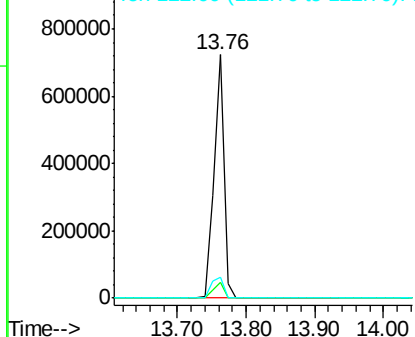


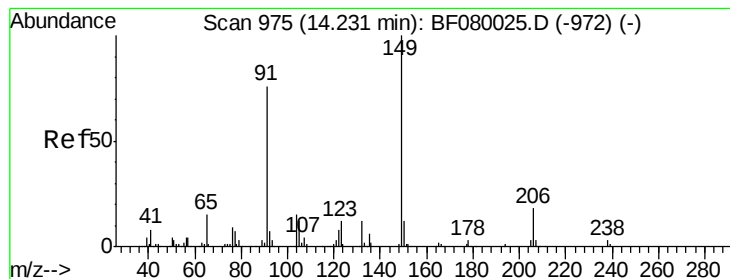
#78
 Terphenyl-d14
 Concen: 70.62 ng
 RT: 13.76 min Scan# 934
 Delta R.T. -0.15 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.3	6.5#
122	8.7	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: 36.27 ng

RT: 14.37 min Scan# 987

Delta R.T. -0.19 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

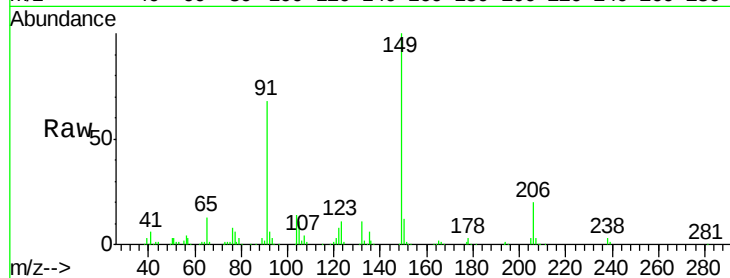
Tgt Ion:149 Resp: 221763

Ion Ratio Lower Upper

149 100

91 68.1 48.6 72.8

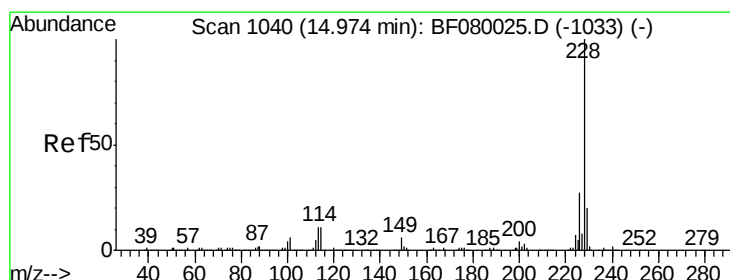
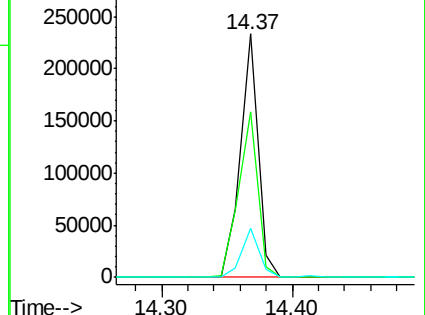
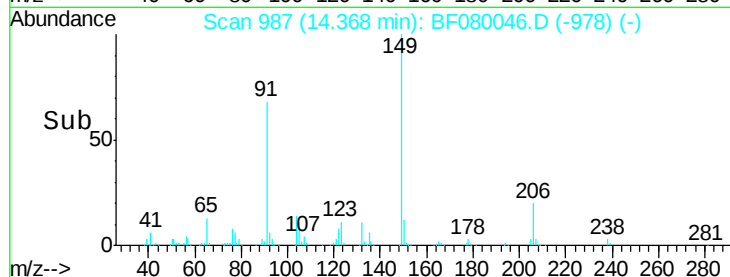
206 20.1 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 32.74 ng

RT: 15.15 min Scan# 1055

Delta R.T. -0.24 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

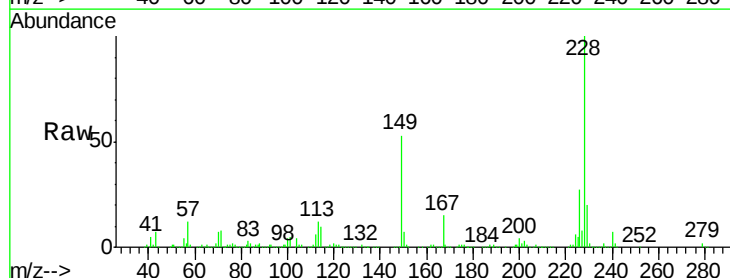
Tgt Ion:228 Resp: 493360

Ion Ratio Lower Upper

228 100

226 27.4 20.0 30.0

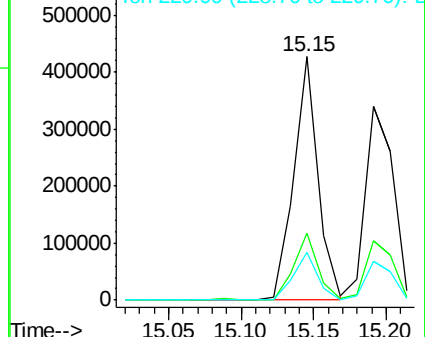
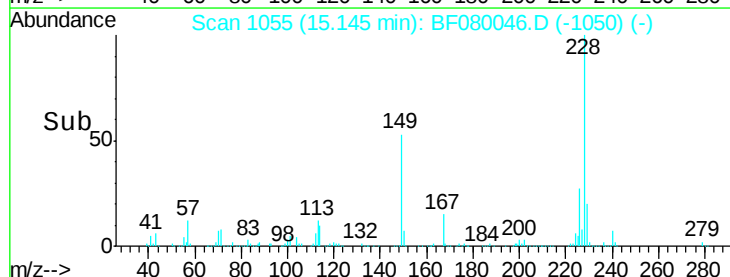
229 19.7 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

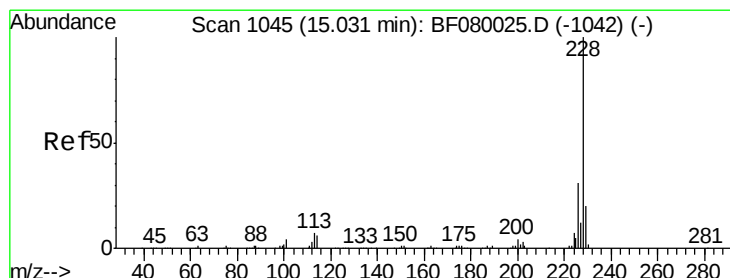
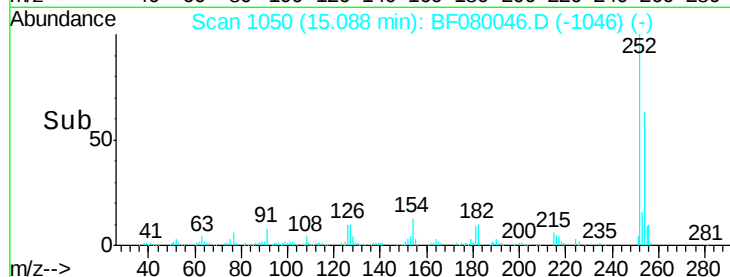
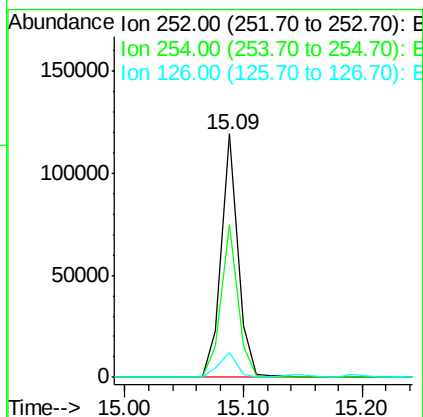
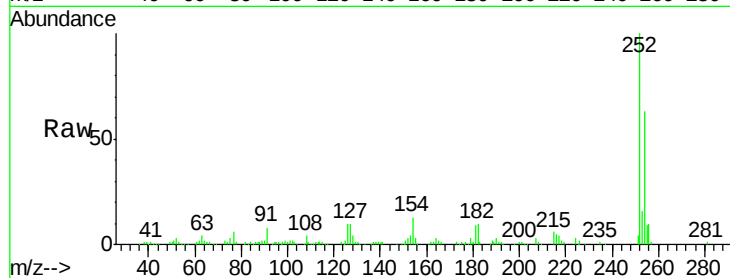




#81
 3,3'-Dichlorobenzidine
 Concen: 22.55 ng
 RT: 15.09 min Scan# 1050
 Delta R.T. -0.25 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

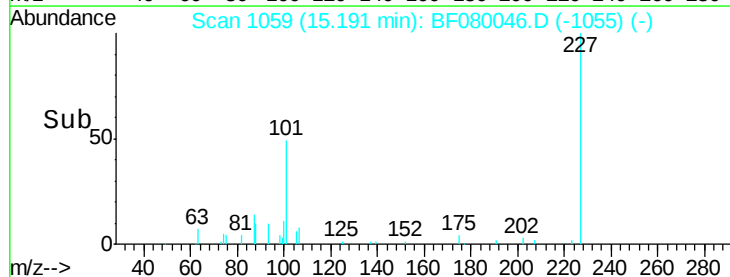
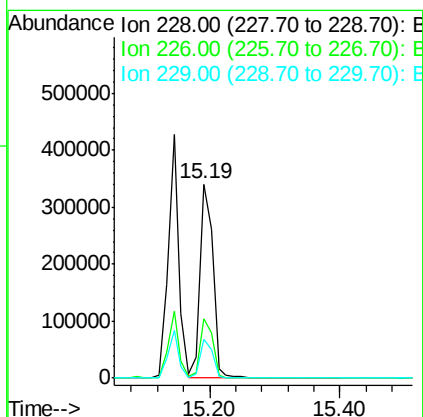
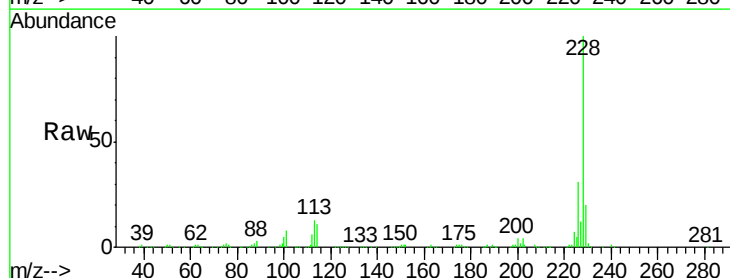
Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:252 Resp: 117183
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.4 77.2
 126 10.2 16.4 24.6#



#82
 Chrysene
 Concen: 32.93 ng
 RT: 15.19 min Scan# 1059
 Delta R.T. -0.25 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:228 Resp: 457505
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.0 31.4
 229 19.9 15.6 23.4

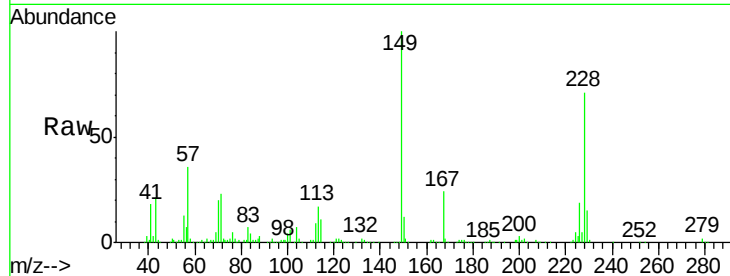




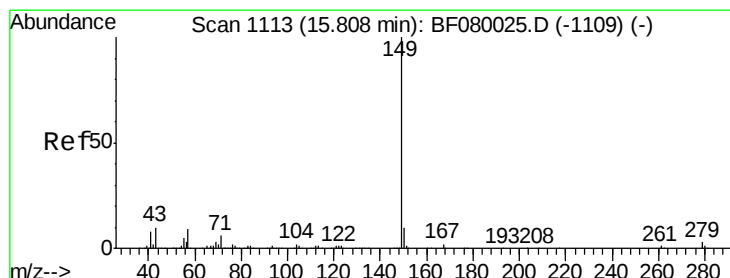
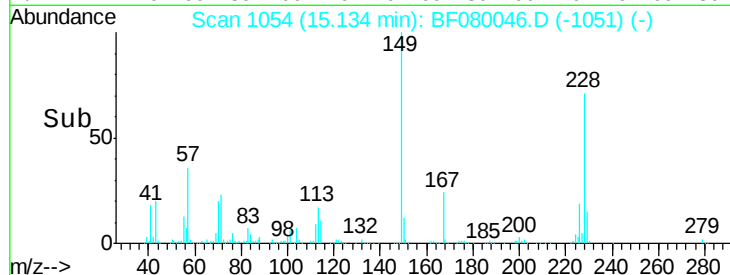
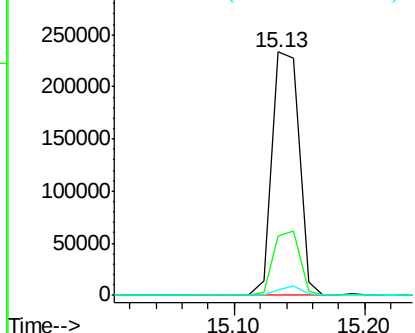
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.70 ng
 RT: 15.13 min Scan# 1054
 Delta R.T. -0.26 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:149 Resp: 335360
 Ion Ratio Lower Upper
 149 100
 167 24.3 24.2 36.2
 279 2.1 3.8 5.6#

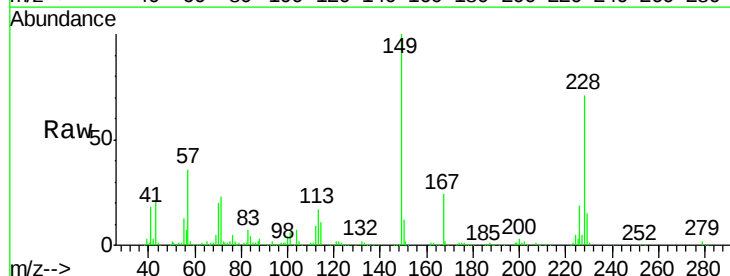


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

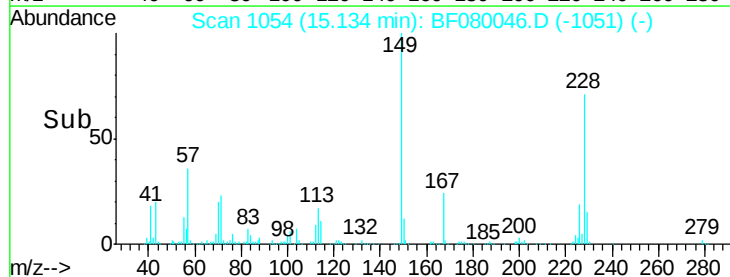
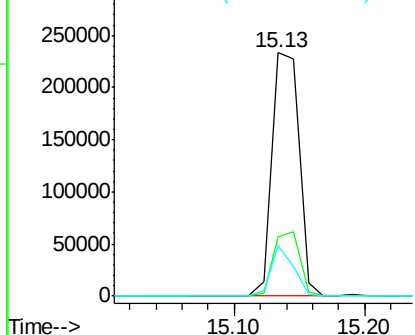


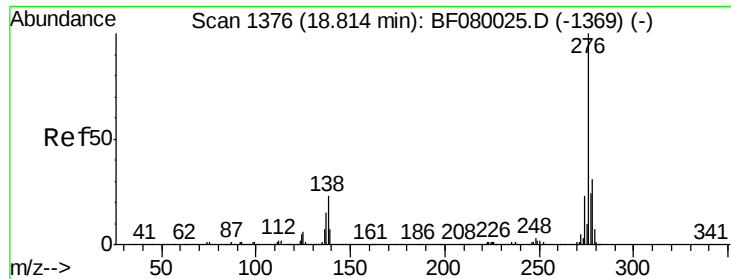
#84
 Di-n-octyl phthalate
 Concen: 20.25 ng
 RT: 15.13 min Scan# 1054
 Delta R.T. -0.26 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:149 Resp: 335360
 Ion Ratio Lower Upper
 149 100
 167 26.0 1.0 1.6#
 43 16.8 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

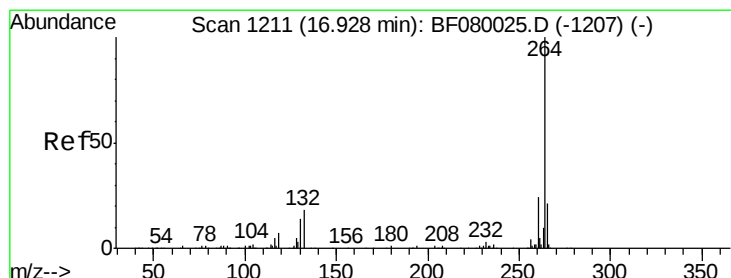
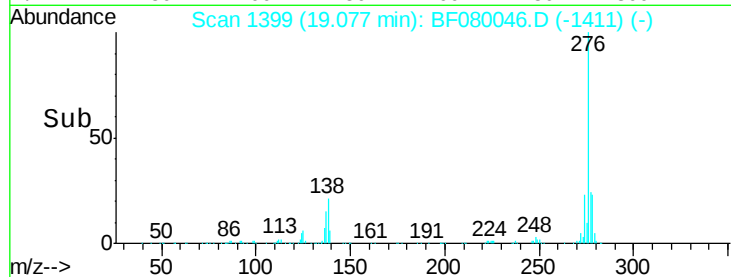
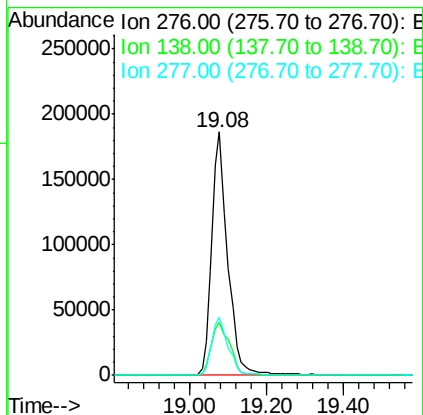
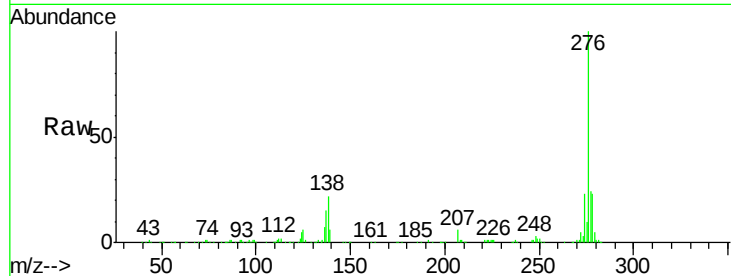




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.63 ng
 RT: 19.08 min Scan# 1399
 Delta R.T. -0.43 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

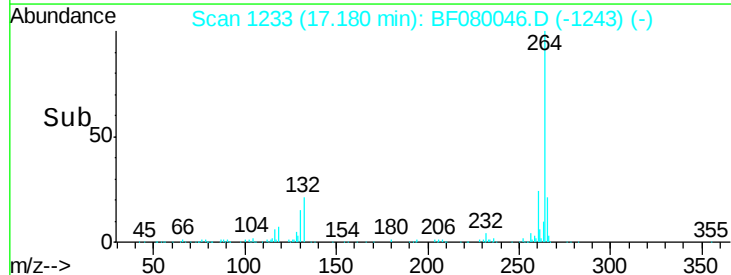
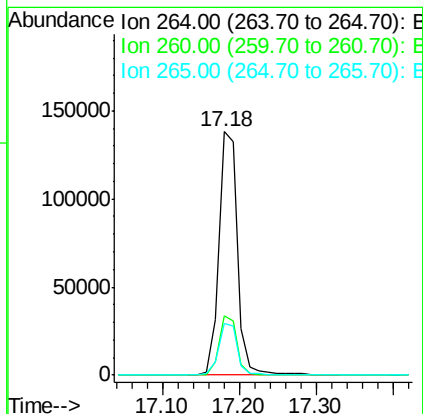
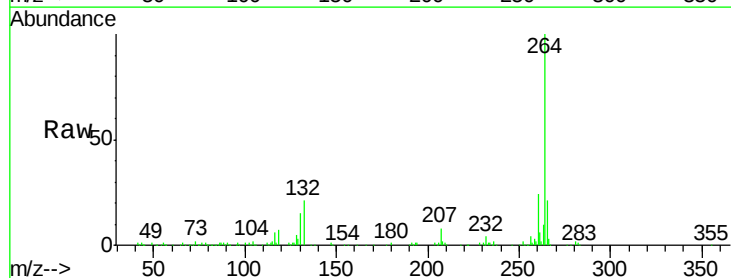
Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

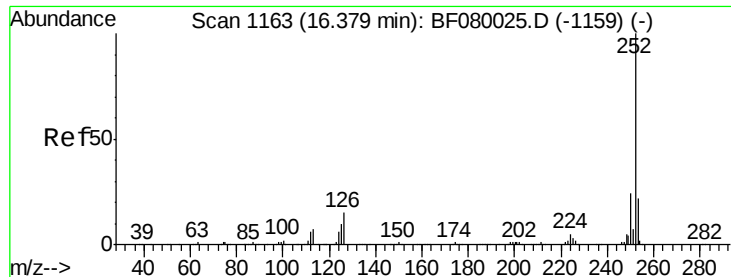
Tgt Ion: 276 Resp: 536624
 Ion Ratio Lower Upper
 276 100
 138 25.5 25.7 38.5#
 277 24.8 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1233
 Delta R.T. -0.41 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion: 264 Resp: 236037
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.4 17.2 25.8

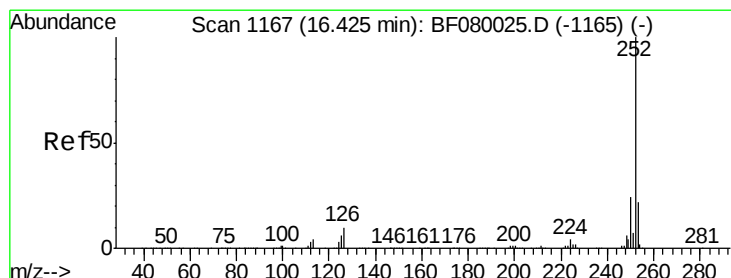
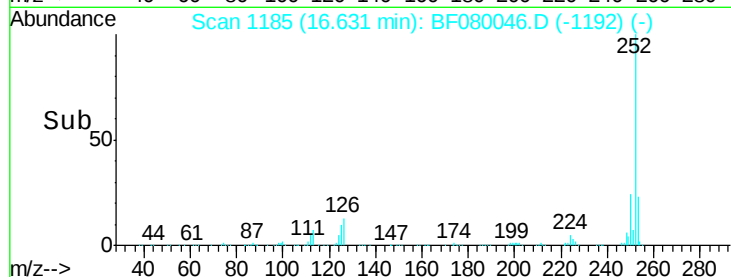
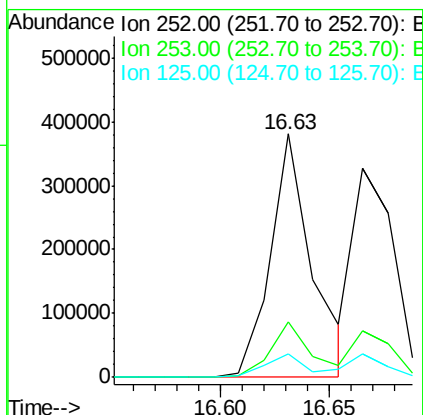
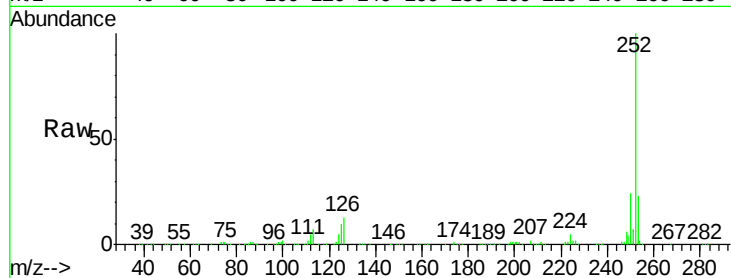




#87
Benzo(b)fluoranthene
Concen: 35.67 ng
RT: 16.63 min Scan# 1185
Delta R.T. -0.38 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

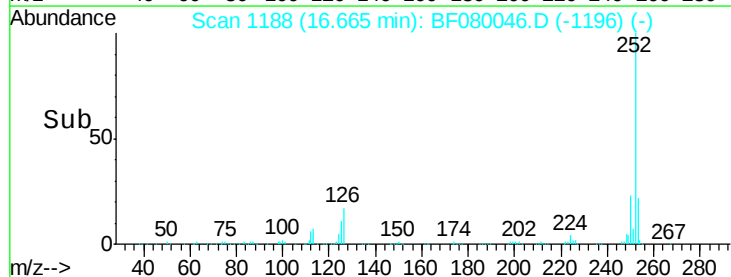
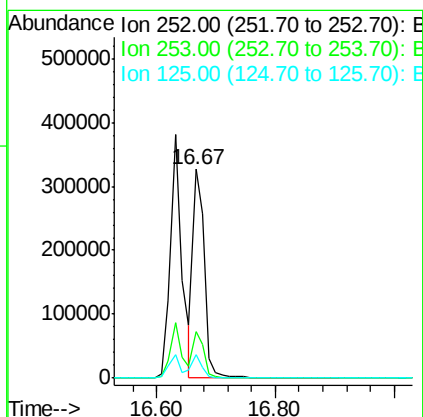
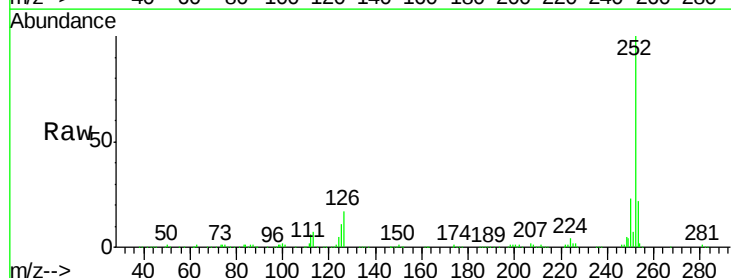
Instrument :
BNA_F
ClientSampleId :
PB84072BS

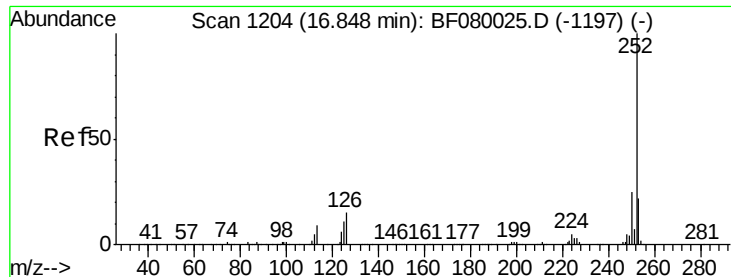
Tgt Ion: 252 Resp: 509749
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 9.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 30.43 ng
RT: 16.67 min Scan# 1188
Delta R.T. -0.39 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion: 252 Resp: 442862
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 11.2 16.0 24.0#

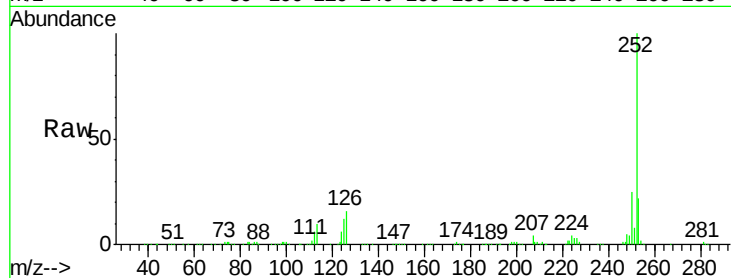




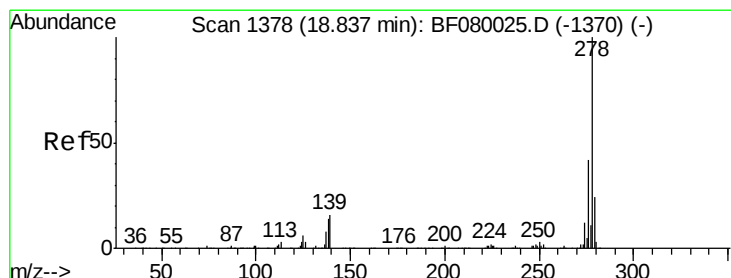
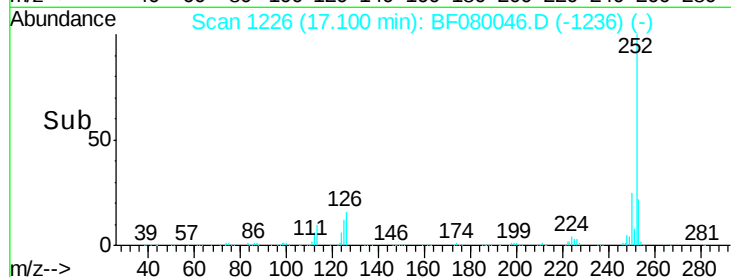
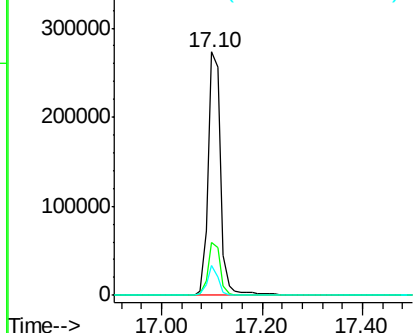
#89
Benzo(a)pyrene
Concen: 34.97 ng
RT: 17.10 min Scan# 1226
Delta R.T. -0.41 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion: 252 Resp: 474551
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 12.1 18.0 27.0#

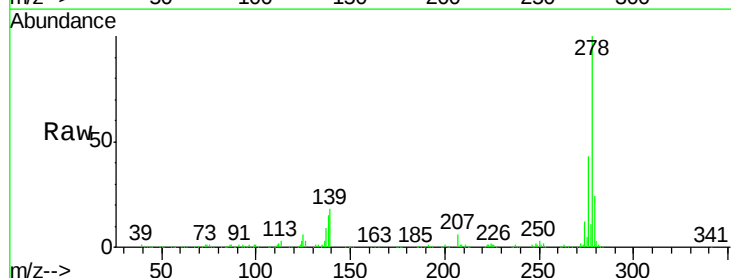


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

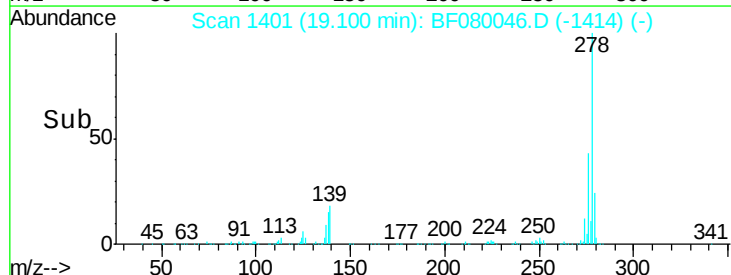
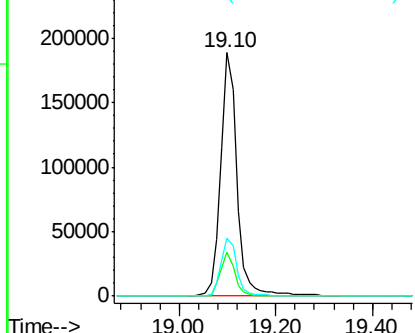


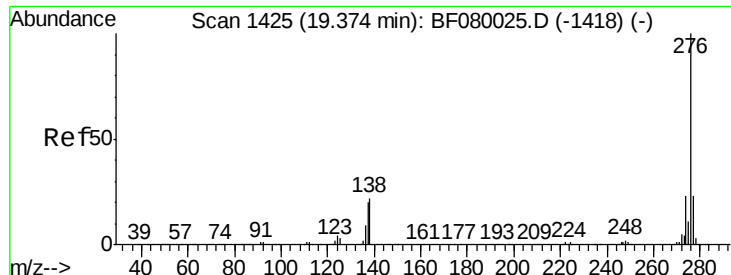
#90
Dibenzo(a,h)anthracene
Concen: 32.25 ng
RT: 19.10 min Scan# 1401
Delta R.T. -0.45 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion: 278 Resp: 448033
Ion Ratio Lower Upper
278 100
139 17.8 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: 31.90 ng

RT: 19.64 min Scan# 1448

Delta R.T. -0.46 min

Lab File: BF080046.D

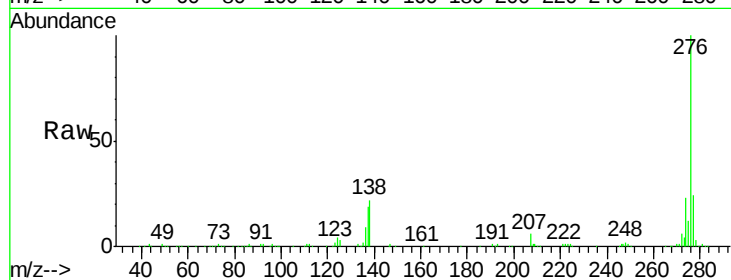
Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS



Tgt Ion:	276	Resp:	447471
Ion Ratio	Lower	Upper	
276	100		
277	23.5	17.8	26.6
138	22.4	34.6	51.8#

