

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
 Data File : BF080541.D
 Acq On : 17 Jul 2015 18:58
 Operator : TP/UM
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jul 17 23:20:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 23:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	42505	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	182160	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	77142	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	144341	20.00	ng	0.00
75) Chrysene-d12	14.37	240	108828	20.00	ng	0.02
86) Perylene-d12	16.05	264	95112	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.73	112	9392	3.74	ng	0.05
7) Phenol-d6	6.73	99	13223	3.96	ng	0.02
23) Nitrobenzene-d5	7.64	82	10895	3.56	ng	0.01
41) 2,4,6-Tribromophenol	10.90	330	2595	4.23	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	30687	5.45	ng	0.00
78) Terphenyl-d14	13.20	244	22189	4.28	ng	0.00

Target Compounds

						Qvalue
8) 2-Chlorophenol	6.86	128	6890	2.48	ng	94
9) Benzaldehyde	6.65	77	4642	2.12	ng	92
10) Phenol	6.74	94	8663	2.41	ng	92
11) bis(2-Chloroethyl)ether	6.80	93	7782	2.96	ng	89
12) 1,3-Dichlorobenzene	7.08	146	8331	2.41	ng	90
13) 1,4-Dichlorobenzene	7.08	146	8331	2.31	ng	92
14) 1,2-Dichlorobenzene	7.24	146	7937	2.49	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.34	45	11828	2.52	ng	96
17) 2-Methylphenol	7.34	107	5106	2.32	ng	# 89
18) Hexachloroethane	7.58	117	2801	2.60	ng	93
20) 3+4-Methylphenols	7.52	107	7173	2.38	ng	# 83
22) Acetophenone	7.49	105	9246	2.33	ng	# 89
27) 2,4-Dimethylphenol	8.02	122	5549	2.11	ng	93
28) bis(2-Chloroethoxy)methane	8.10	93	7397	2.36	ng	# 97
30) 1,2,4-Trichlorobenzene	8.29	180	7089	2.56	ng	94
31) Naphthalene	8.37	128	21838	2.43	ng	98
32) Benzoic acid	8.02	122	5549	4.19	ng	# 13
33) 4-Chloroaniline	8.44	127	7325	2.10	ng	# 83
34) Hexachlorobutadiene	8.49	225	3319	2.14	ng	92
37) 2-Methylnaphthalene	9.07	142	13740	2.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	6387	2.60	ng	97
42) 2,4,6-Trichlorophenol	9.36	196	2975	2.02	ng	98
43) 2,4,5-Trichlorophenol	9.40	196	3203	2.06	ng	# 95
45) 1,1'-Biphenyl	9.53	154	16302	2.58	ng	95
46) 2-Chloronaphthalene	9.55	162	11800	2.49	ng	# 89
48) Acenaphthylene	9.97	152	17288	2.21	ng	99
49) Dimethylphthalate	9.82	163	11397	2.18	ng	97
51) Acenaphthene	10.14	154	11386	2.44	ng	99
54) Dibenzofuran	10.32	168	17890	2.67	ng	94
55) 4-Nitrophenol	10.32	139	7945	9.72	ng	# 2
57) Fluorene	10.66	166	13178	2.50	ng	99
60) 4-Chlorophenyl-phenylether	10.65	204	6076	2.58	ng	97
65) n-Nitrosodiphenylamine	10.76	169	10307	2.12	ng	98
66) 4-Bromophenyl-phenylether	11.14	248	2842	2.05	ng	# 81

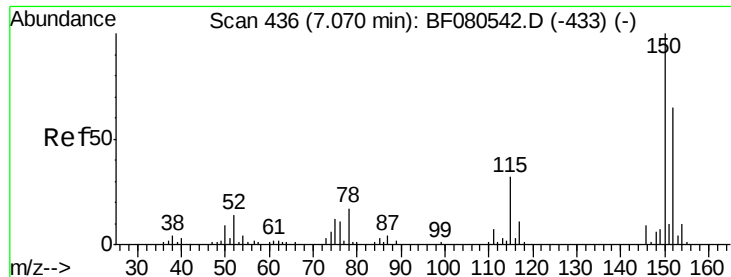
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
 Data File : BF080541.D
 Acq On : 17 Jul 2015 18:58
 Operator : TP/UM
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jul 17 23:20:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 23:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Hexachlorobenzene	11.21	284	3672	2.37	ng	# 90
70) Phenanthrene	11.62	178	19565	2.43	ng	97
71) Anthracene	11.68	178	16721	2.19	ng	99
72) Carbazole	11.84	167	14764	2.20	ng	98
74) Fluoranthene	12.83	202	15543	2.07	ng	96
77) Pyrene	13.07	202	16260	2.31	ng	99
80) Benzo(a)anthracene	14.36	228	13384	2.20	ng	98
82) Chrysene	14.41	228	15542	2.63	ng	99
87) Benzo(b)fluoranthene	15.60	252	12837	2.34	ng	98
88) Benzo(k)fluoranthene	15.60	252	12837	2.29	ng	# 96
89) Benzo(a)pyrene	15.99	252	10321	2.02	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

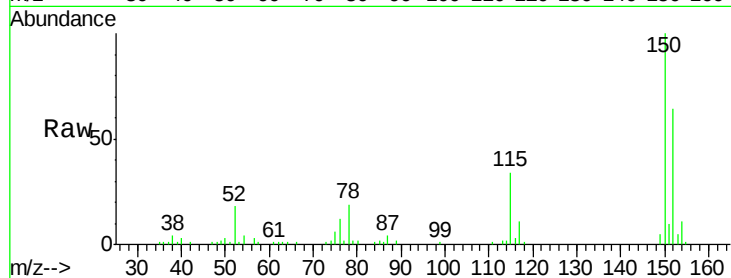
Tgt Ion:152 Resp: 42505

Ion Ratio Lower Upper

152 100

150 156.2 123.0 184.4

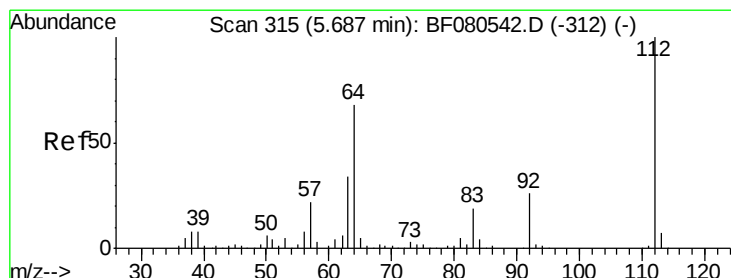
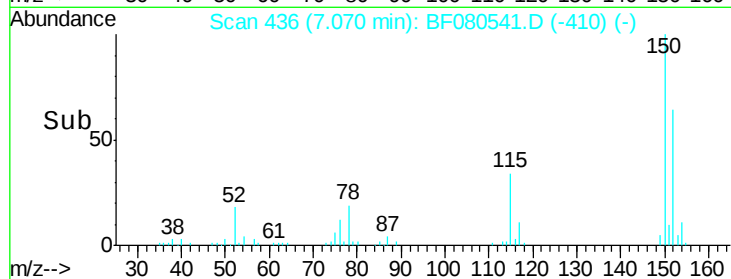
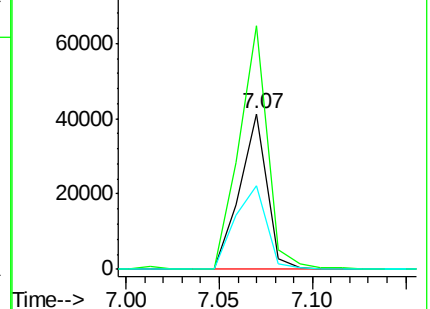
115 53.3 39.9 59.9



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



#5

2-Fluorophenol

Concen: 3.74 ng

RT: 5.73 min Scan# 319

Delta R.T. 0.05 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

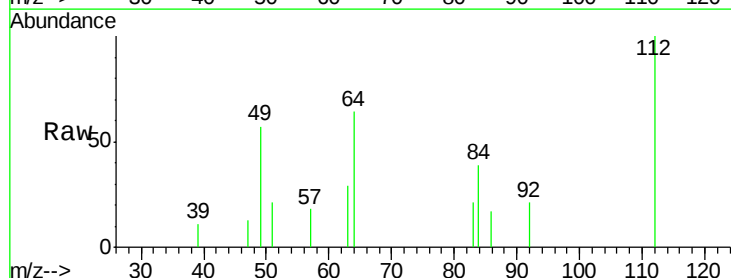
Tgt Ion:112 Resp: 9392

Ion Ratio Lower Upper

112 100

64 64.5 54.1 81.1

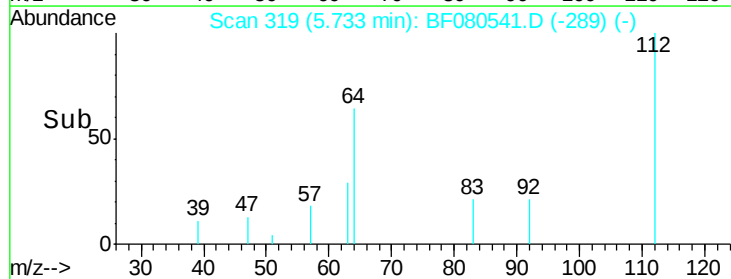
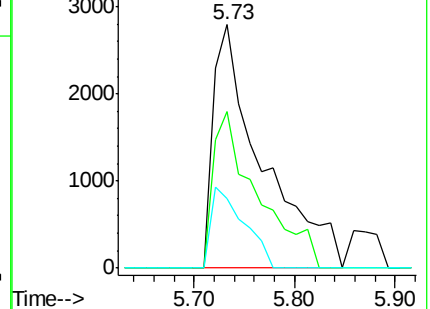
63 28.6 27.6 41.4

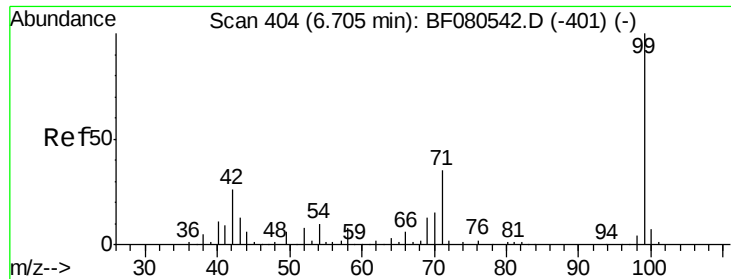


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.96 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

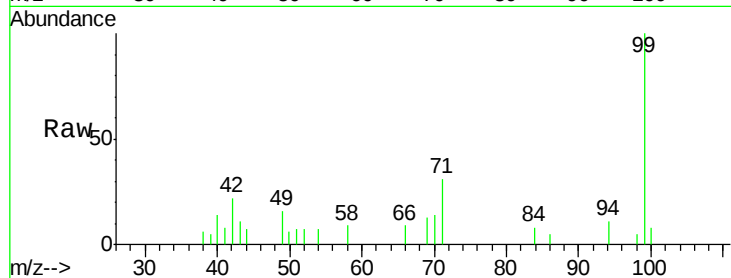
Tgt Ion: 99 Resp: 13223

Ion Ratio Lower Upper

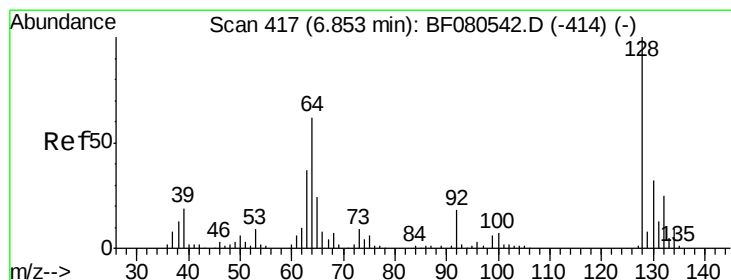
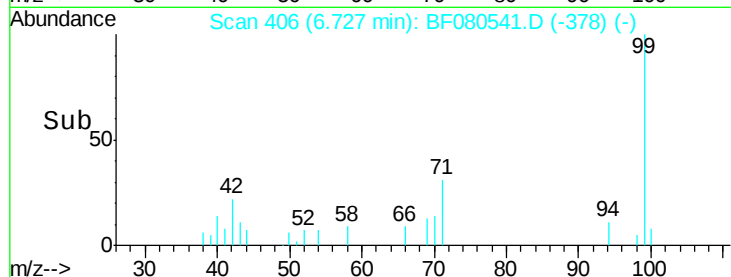
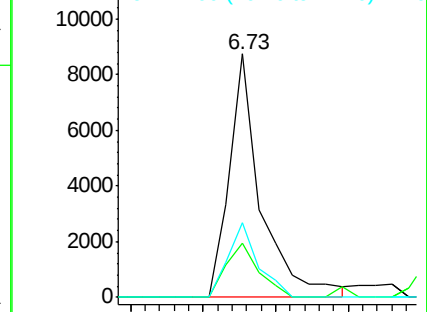
99 100

42 22.1 21.0 31.4

71 30.6 28.4 42.6



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: 2.48 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

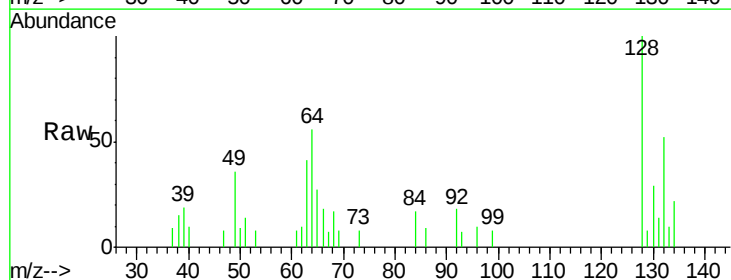
Tgt Ion: 128 Resp: 6890

Ion Ratio Lower Upper

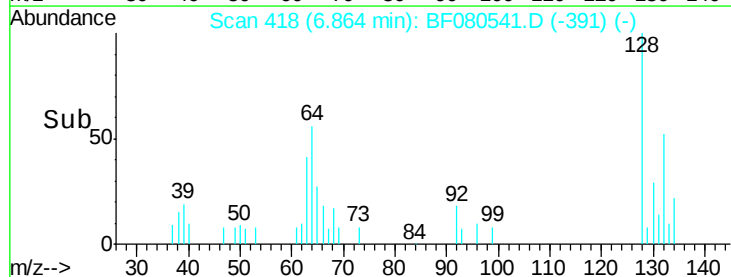
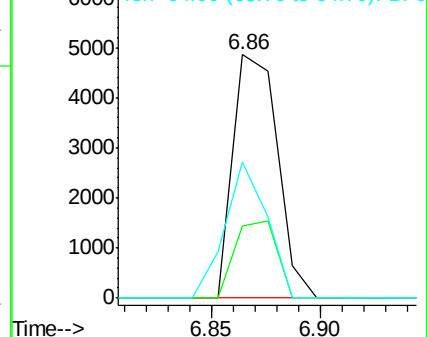
128 100

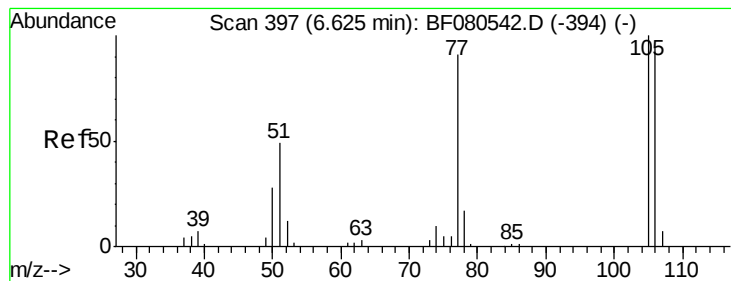
130 29.4 11.7 51.7

64 55.7 41.6 81.6



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: 2.12 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.02 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

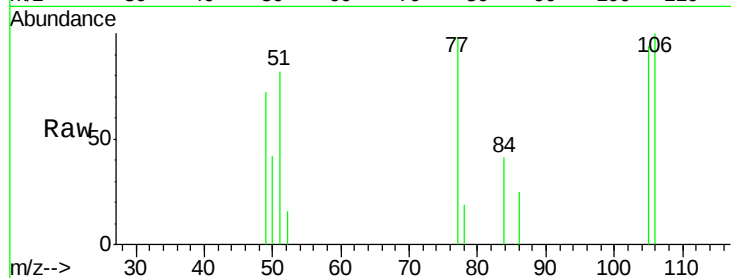
Tgt Ion: 77 Resp: 4642

Ion Ratio Lower Upper

77 100

105 95.5 90.0 130.0

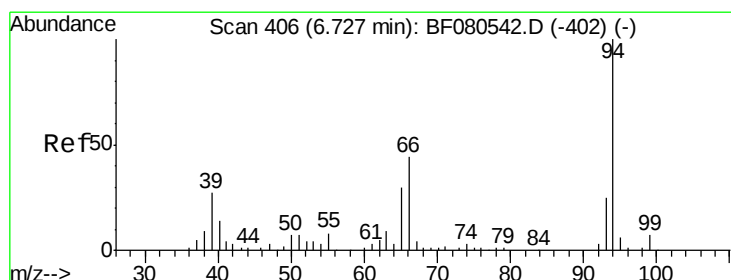
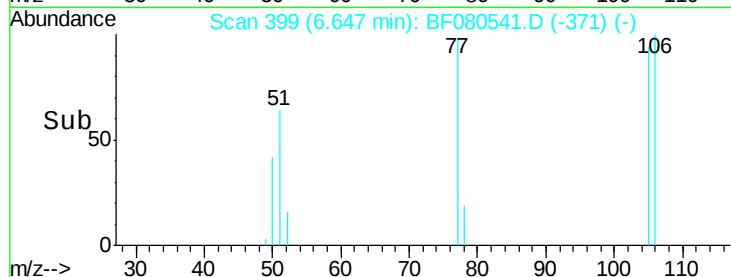
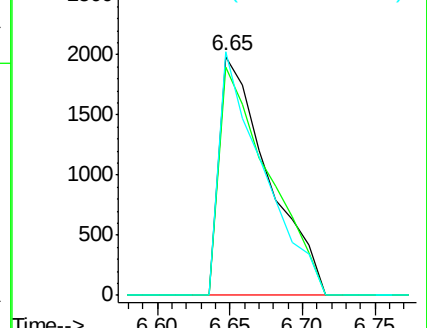
106 102.0 83.5 123.5



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: 2.41 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

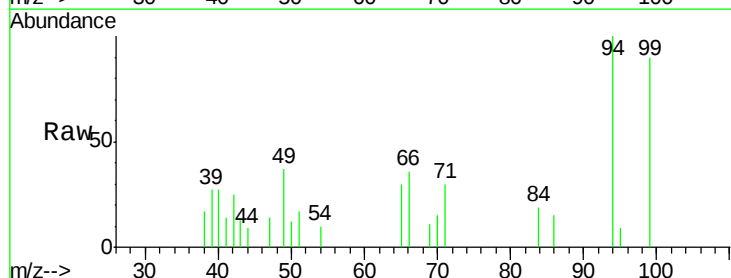
Tgt Ion: 94 Resp: 8663

Ion Ratio Lower Upper

94 100

65 30.4 10.4 50.4

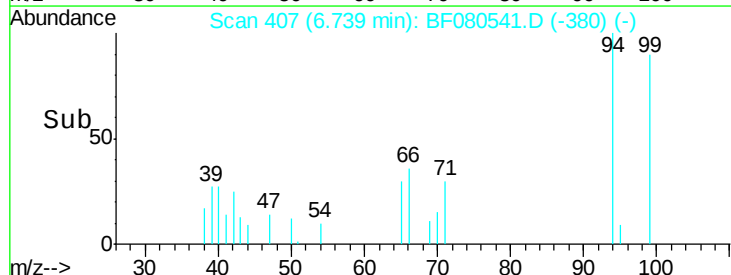
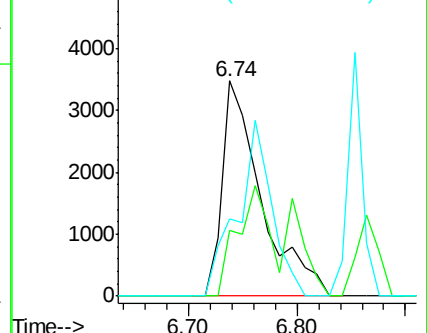
66 35.7 24.2 64.2

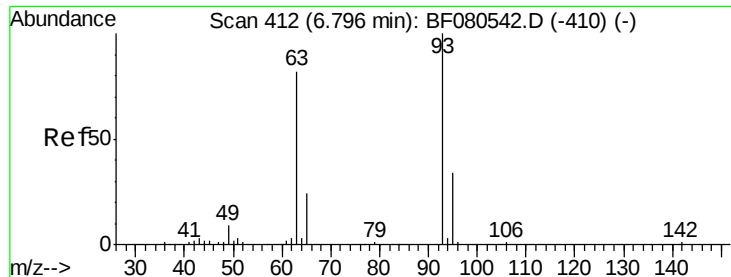


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

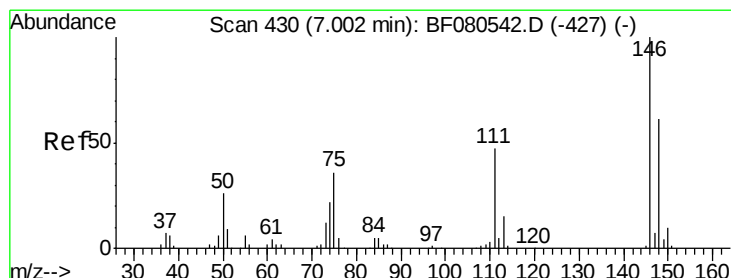
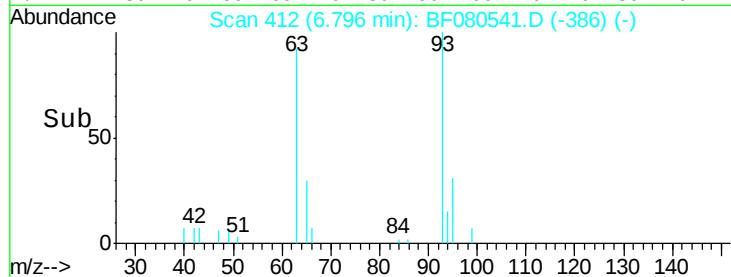
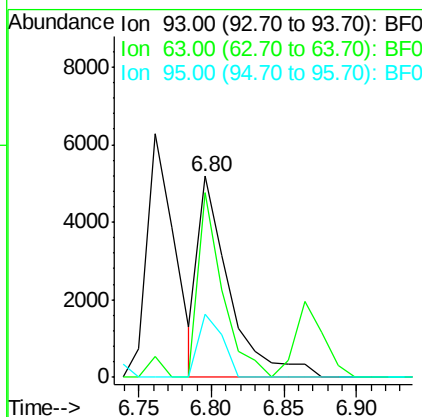
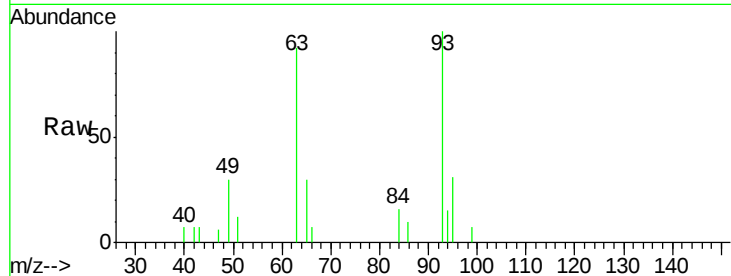




#11
 bis(2-Chloroethyl)ether
 Concen: 2.96 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

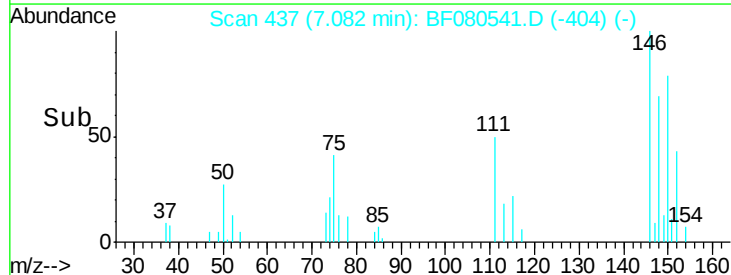
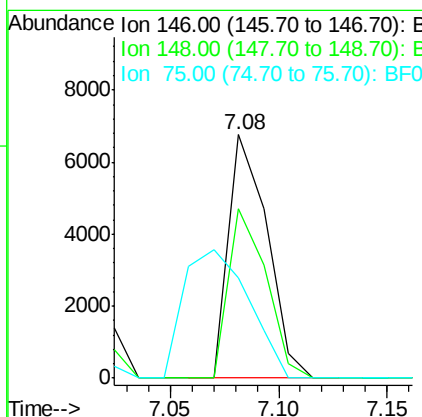
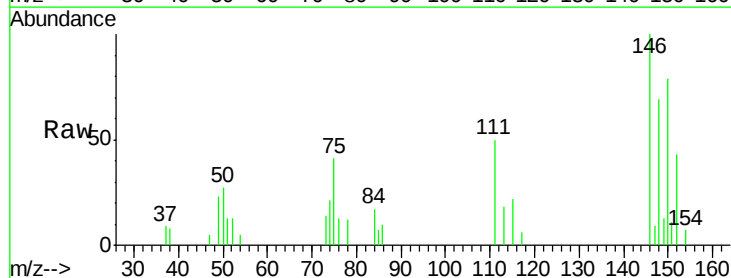
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

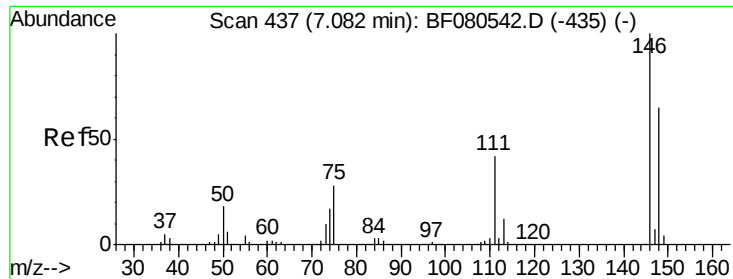
Tgt Ion:	93	Resp:	7782
Ion	Ratio	Lower	Upper
93	100		
63	92.1	60.3	100.3
95	31.2	13.7	53.7



#12
 1,3-Dichlorobenzene
 Concen: 2.41 ng
 RT: 7.08 min Scan# 437
 Delta R.T. 0.08 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion:	146	Resp:	8331
Ion	Ratio	Lower	Upper
146	100		
148	69.4	49.2	73.8
75	41.4	29.1	43.7

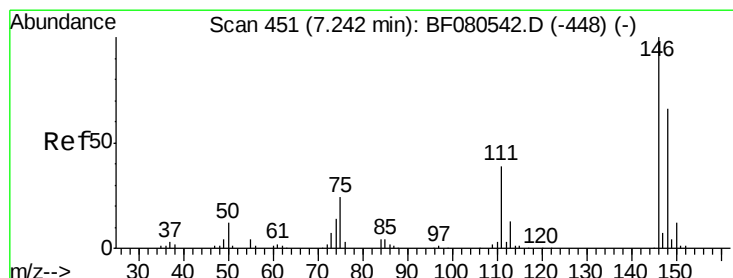
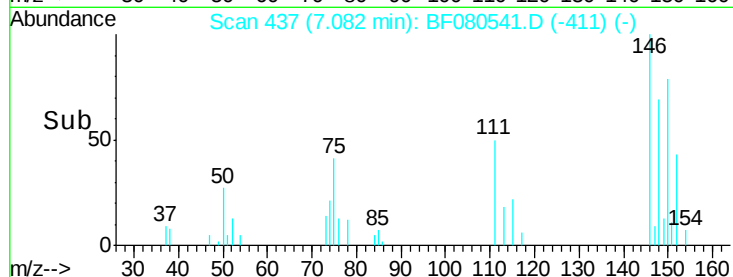
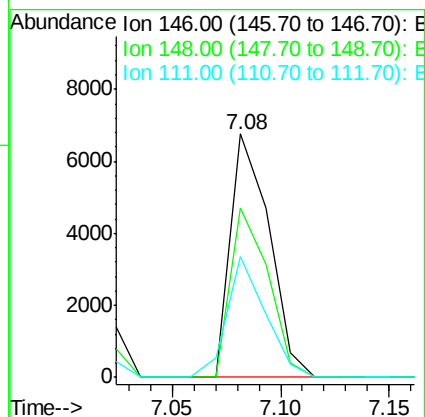
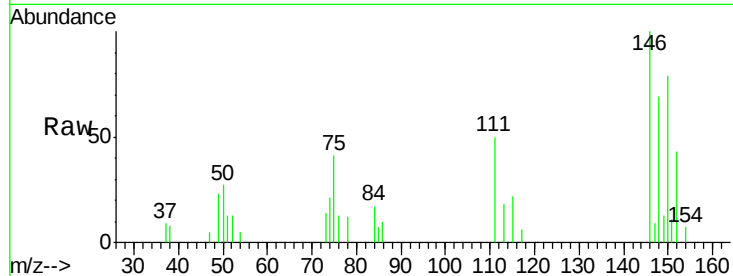




#13
 1,4-Dichlorobenzene
 Concen: 2.31 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

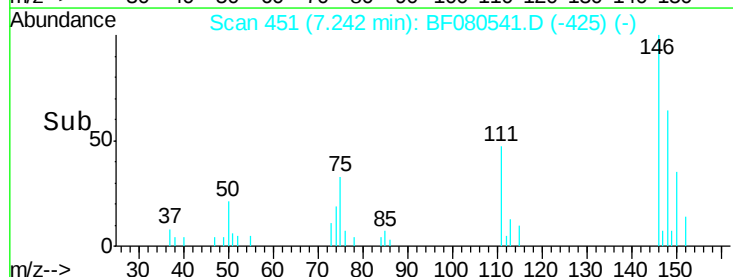
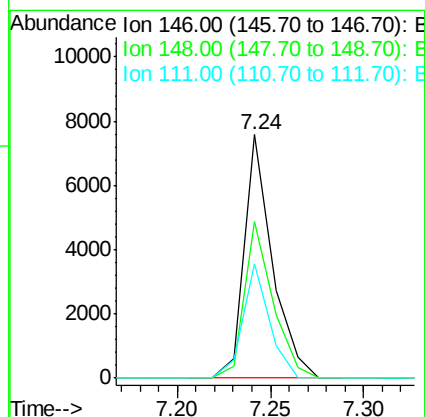
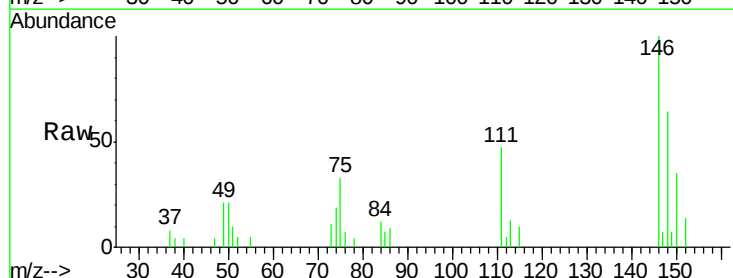
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

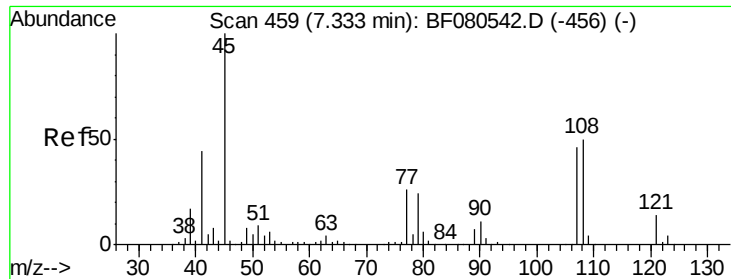
Tgt Ion:146 Resp: 8331
 Ion Ratio Lower Upper
 146 100
 148 69.4 51.9 77.9
 111 49.8 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 2.49 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion:146 Resp: 7937
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.5 78.7
 111 47.2 31.5 47.3

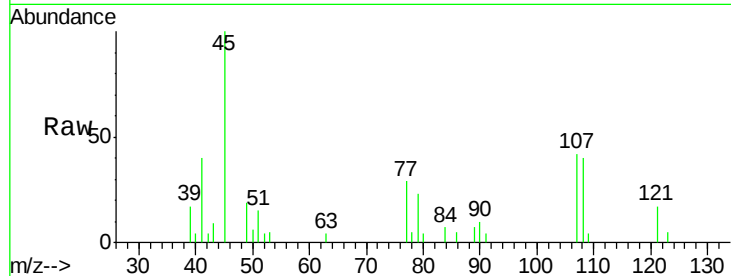




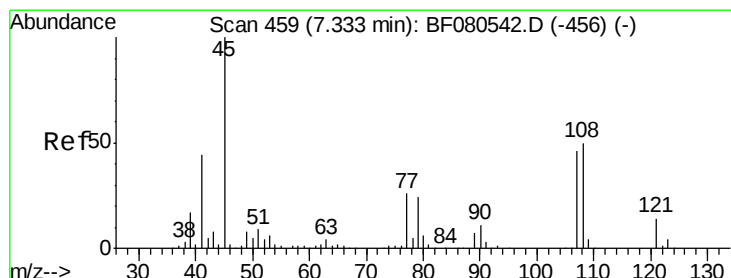
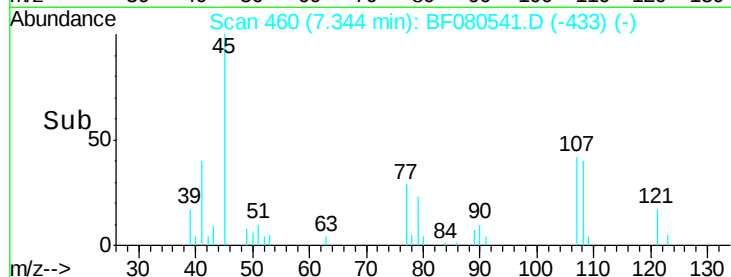
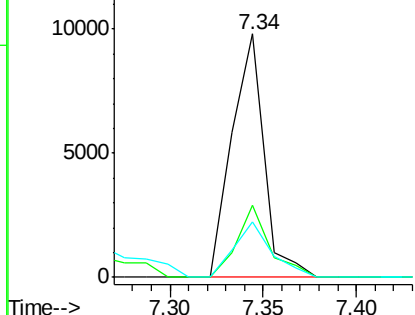
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.52 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 45 Resp: 11828
 Ion Ratio Lower Upper
 45 100
 77 29.4 6.6 46.6
 79 22.6 4.0 44.0

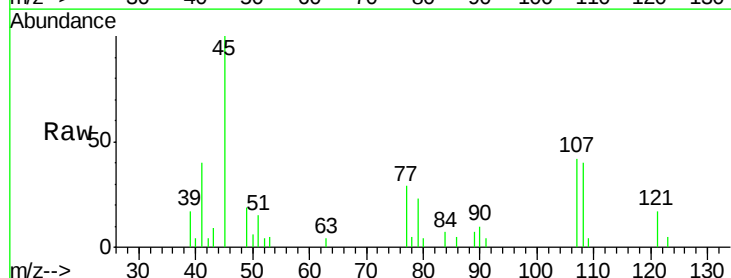


Abundance Ion 45.00 (44.70 to 45.70): BF0
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

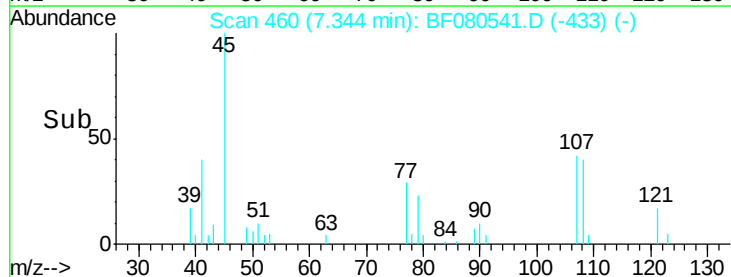
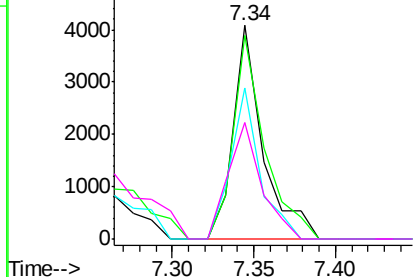


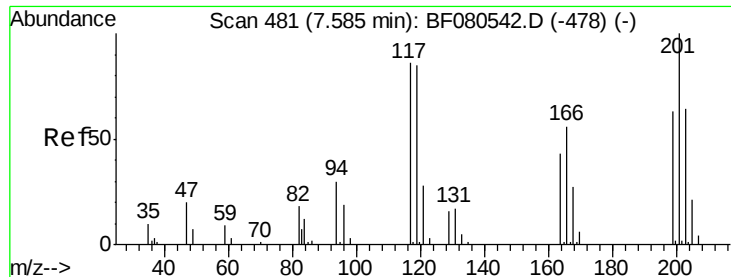
#17
 2-Methylphenol
 Concen: 2.32 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion: 107 Resp: 5106
 Ion Ratio Lower Upper
 107 100
 108 95.5 86.8 130.2
 77 70.6 46.2 69.4#
 79 54.3 41.8 62.6



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

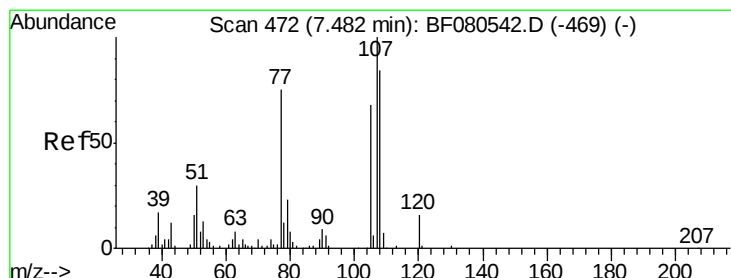
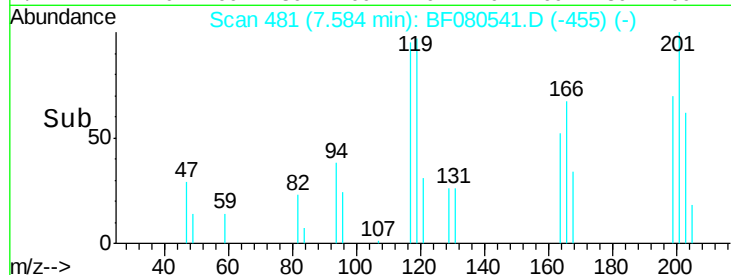
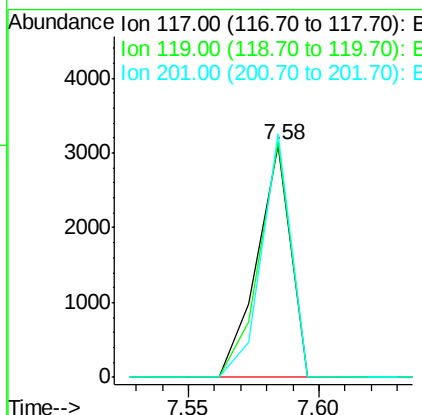
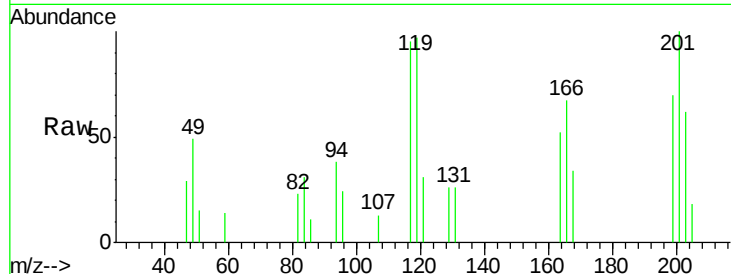




#18
Hexachloroethane
Concen: 2.60 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

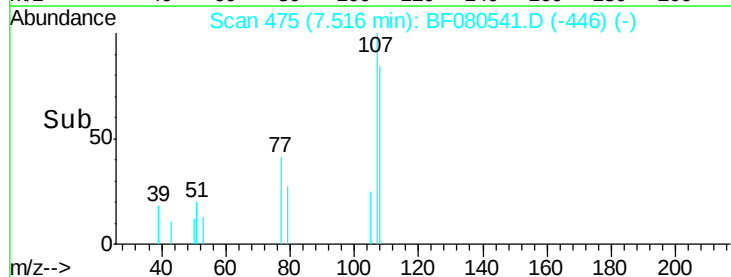
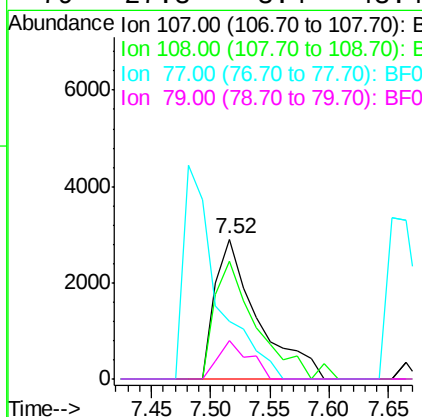
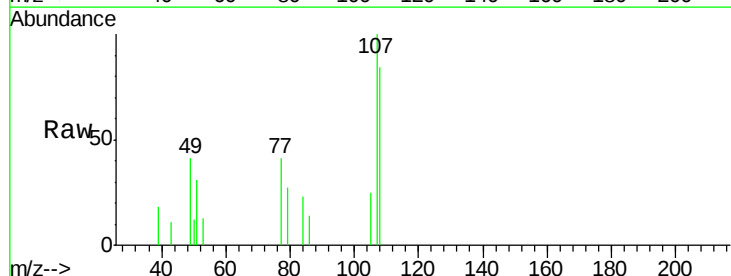
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

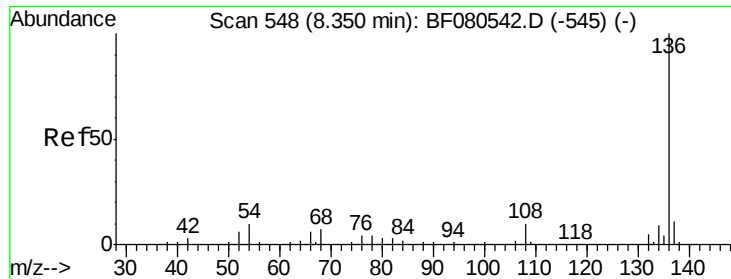
Tgt Ion:117 Resp: 2801
Ion Ratio Lower Upper
117 100
119 101.4 79.1 118.7
201 104.8 92.7 139.1



#20
3+4-Methylphenols
Concen: 2.38 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.03 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion:107 Resp: 7173
Ion Ratio Lower Upper
107 100
108 84.0 64.0 104.0
77 41.5 55.4 95.4#
79 27.3 3.4 43.4

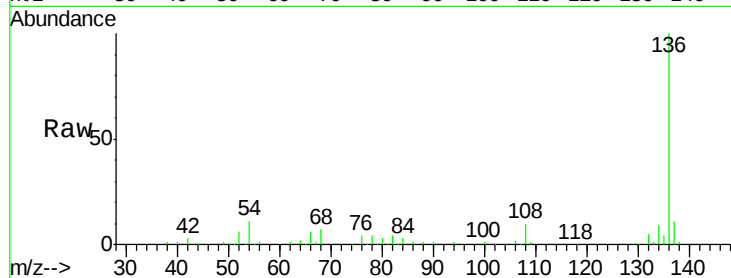




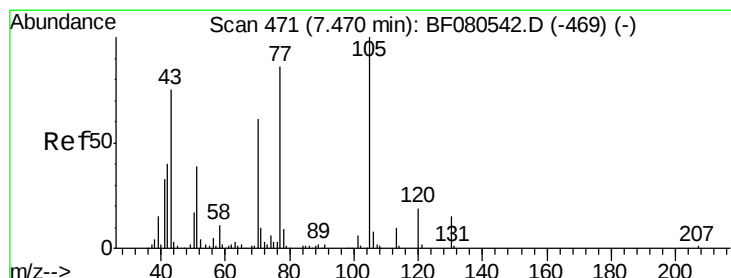
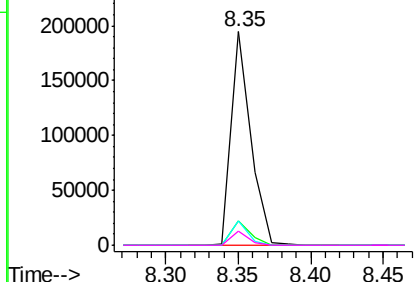
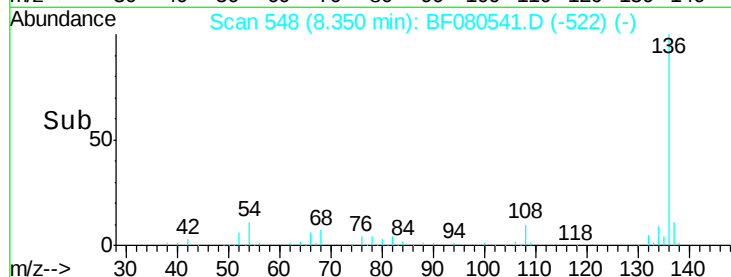
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:	136	Resp:	182160
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.2	8.3	12.5
68	6.8	5.4	8.2

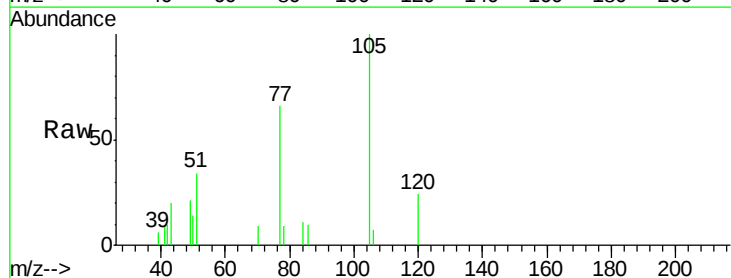


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

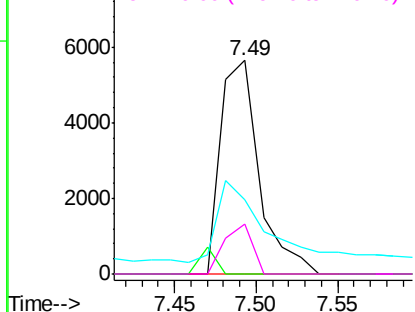
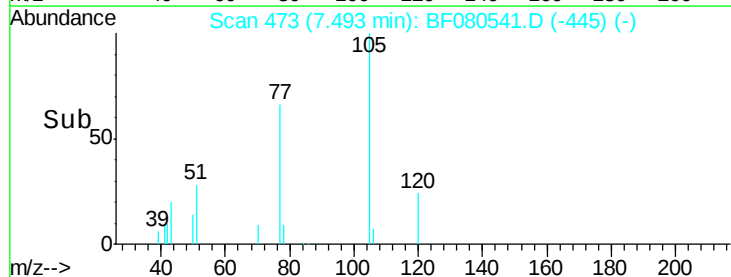


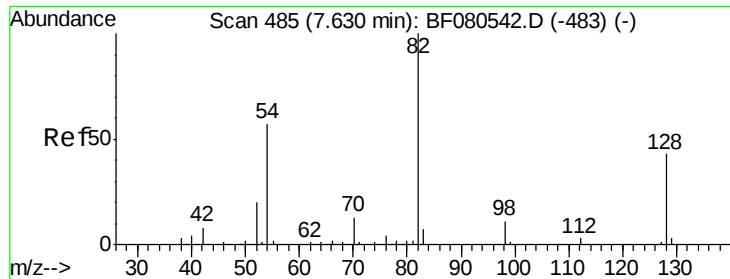
#22
Acetophenone
Concen: 2.33 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.02 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion:	105	Resp:	9246
Ion	Ratio	Lower	Upper
105	100		
71	0.0	8.3	12.5#
51	34.5	31.6	47.4
120	23.6	15.5	23.3#



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

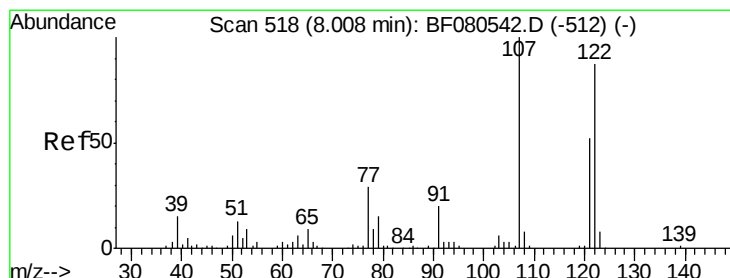
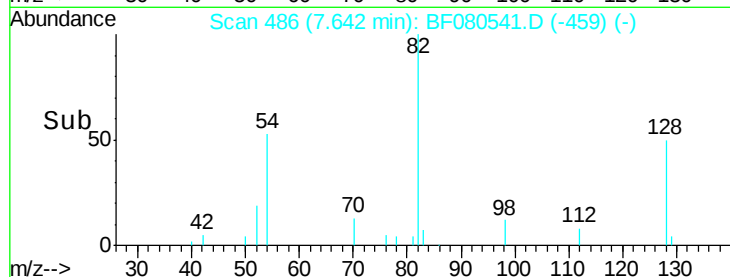
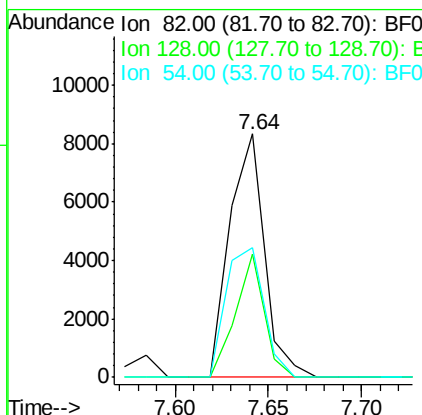
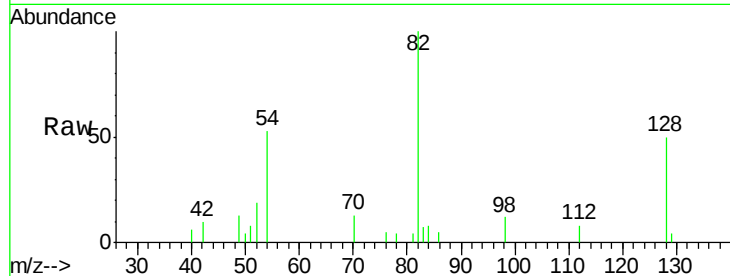




#23
 Nitrobenzene-d5
 Concen: 3.56 ng
 RT: 7.64 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

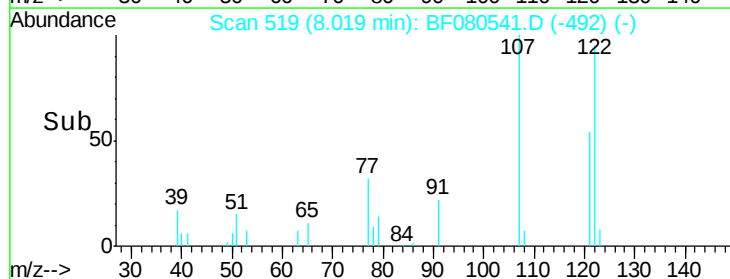
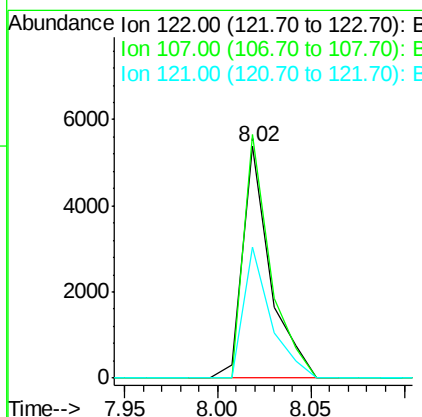
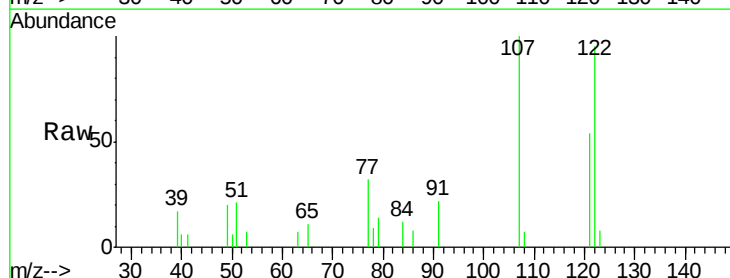
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

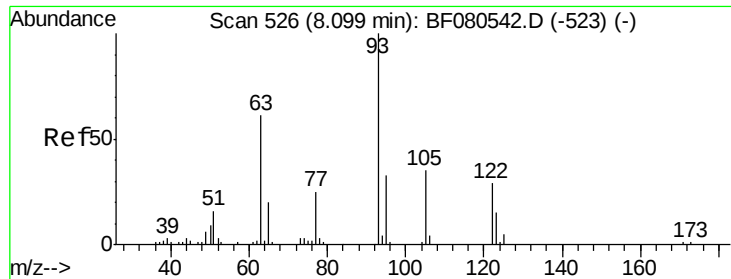
Tgt Ion: 82 Resp: 10895
 Ion Ratio Lower Upper
 82 100
 128 50.4 34.6 51.8
 54 53.2 45.8 68.6



#27
 2,4-Dimethylphenol
 Concen: 2.11 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion: 122 Resp: 5549
 Ion Ratio Lower Upper
 122 100
 107 105.1 91.6 137.4
 121 56.4 47.4 71.0





#28

bis(2-Chloroethoxy)methane

Concen: 2.36 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

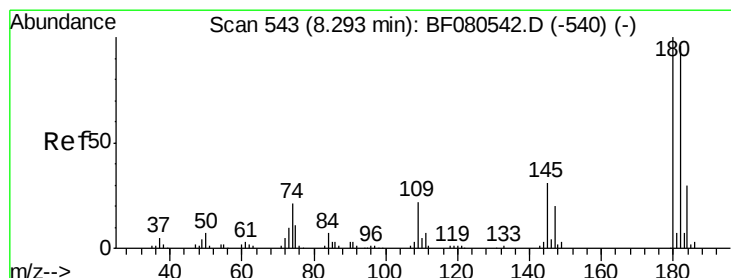
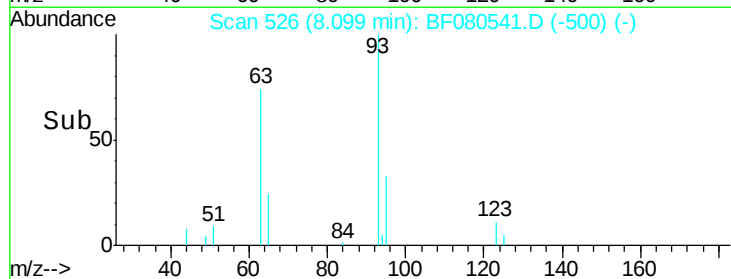
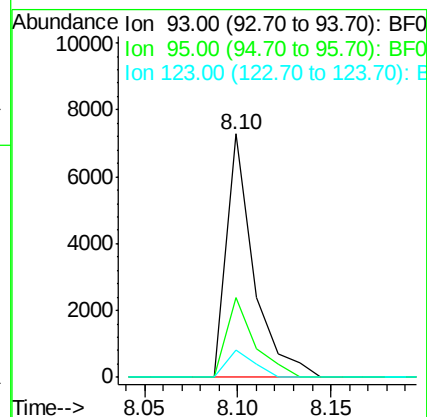
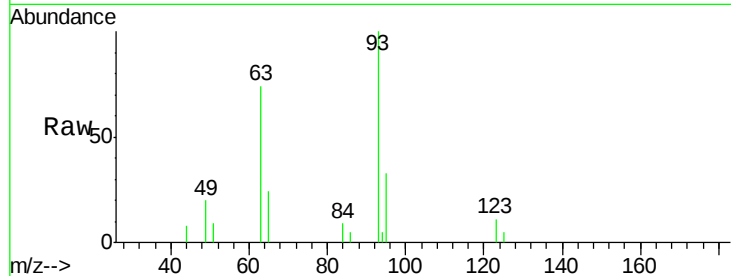
Tgt Ion: 93 Resp: 7397

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

123 11.2 12.2 18.4#



#30

1,2,4-Trichlorobenzene

Concen: 2.56 ng

RT: 8.29 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

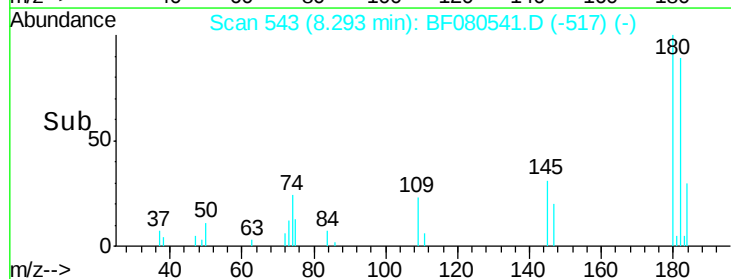
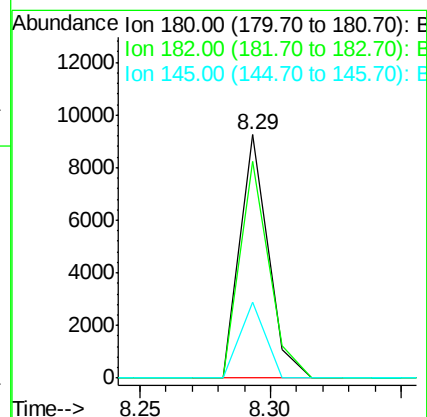
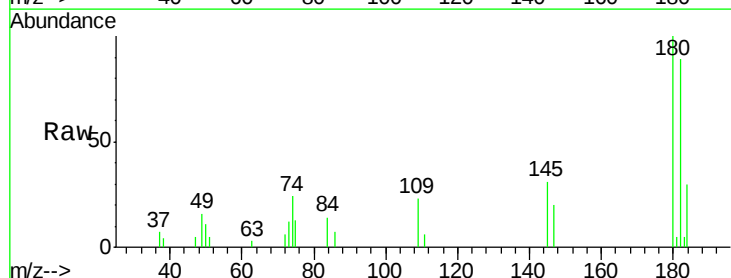
Tgt Ion: 180 Resp: 7089

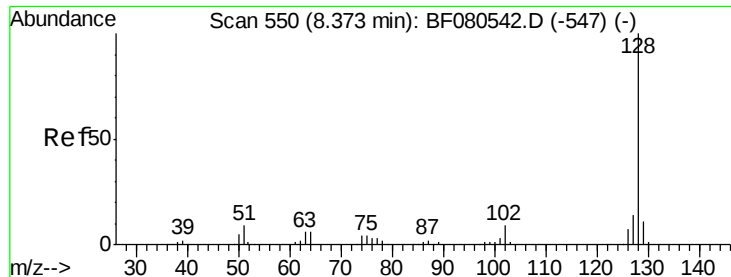
Ion Ratio Lower Upper

180 100

182 89.2 77.0 115.4

145 31.2 24.5 36.7

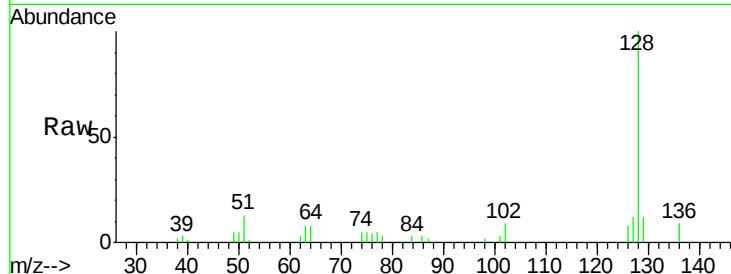




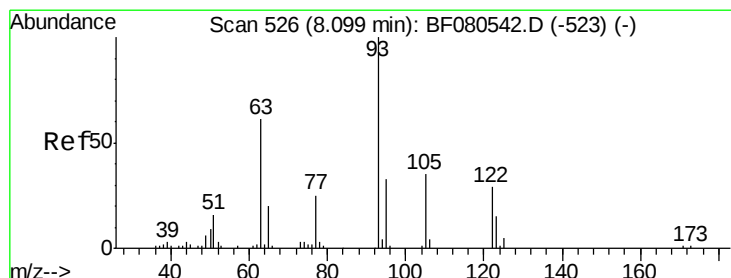
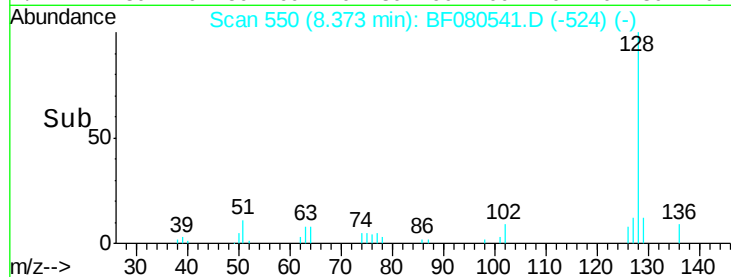
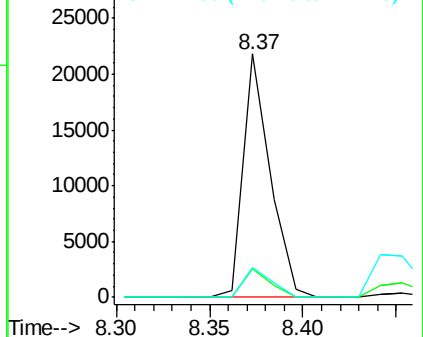
#31
Naphthalene
Concen: 2.43 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:128 Resp: 21838
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 12.4 11.0 16.4

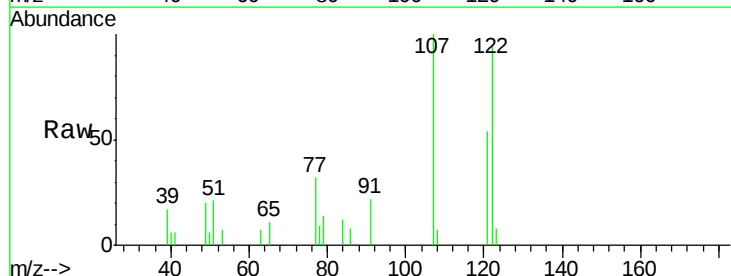


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

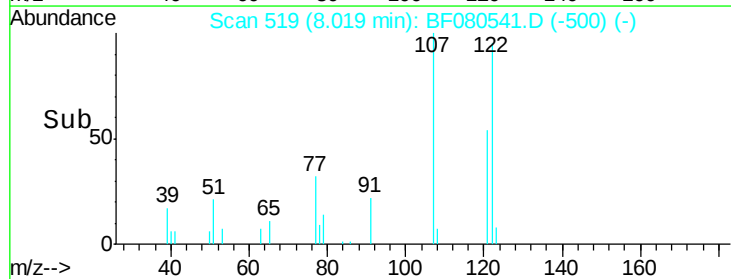
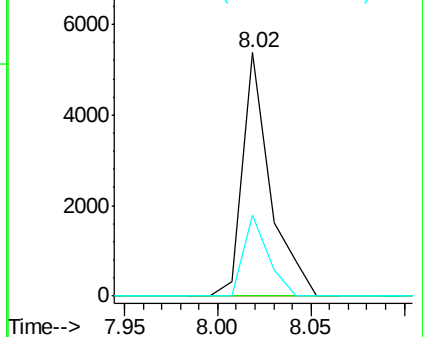


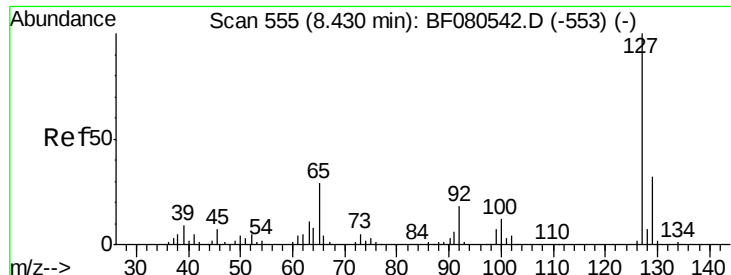
#32
Benzoic acid
Concen: 4.19 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.08 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion:122 Resp: 5549
Ion Ratio Lower Upper
122 100
105 0.0 101.3 141.3#
77 33.5 64.1 104.1#



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

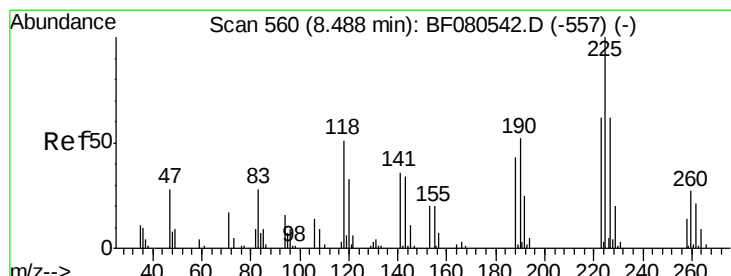
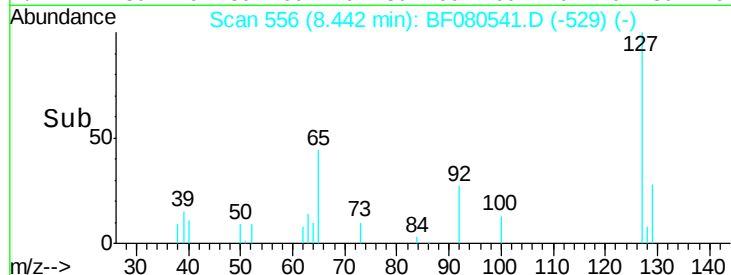
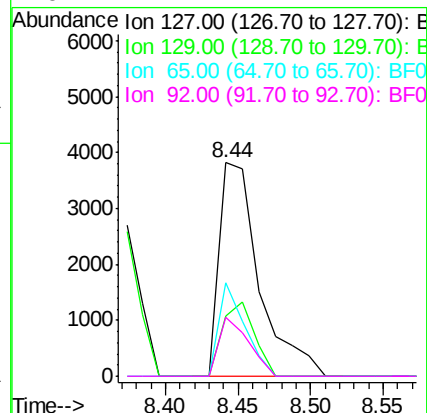
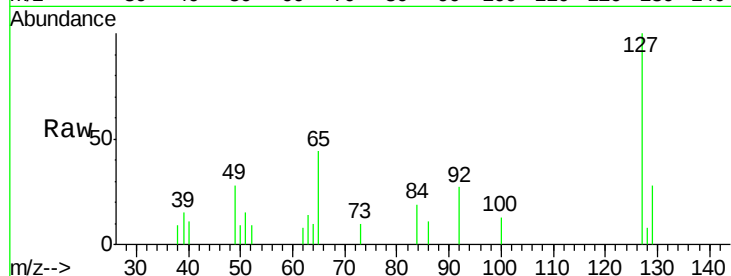




#33
4-Chloroaniline
Concen: 2.10 ng
RT: 8.44 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

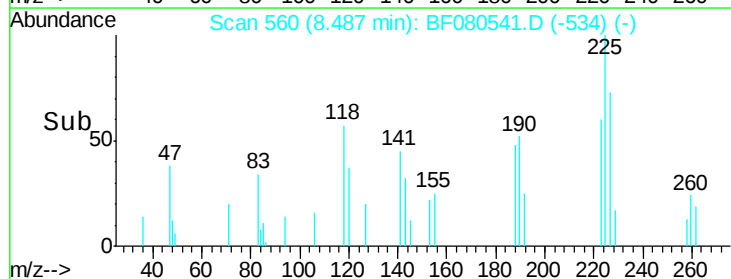
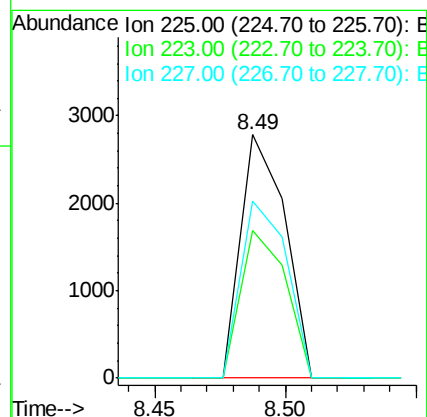
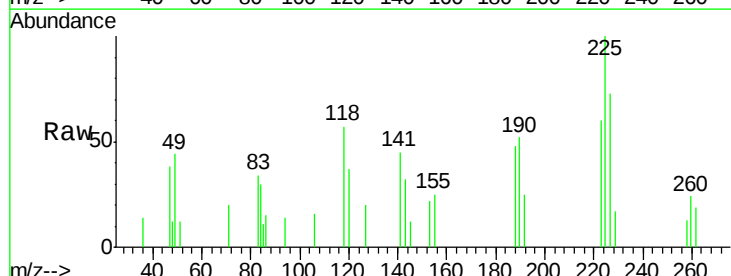
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

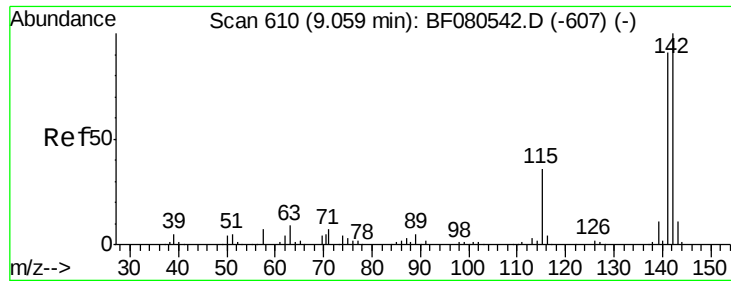
Tgt Ion:	127	Resp:	7325
Ion	Ratio	Lower	Upper
127	100		
129	28.0	25.3	37.9
65	43.5	23.5	35.3#
92	27.4	14.2	21.4#



#34
Hexachlorobutadiene
Concen: 2.14 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion:	225	Resp:	3319
Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.4	74.2
227	72.9	49.3	73.9

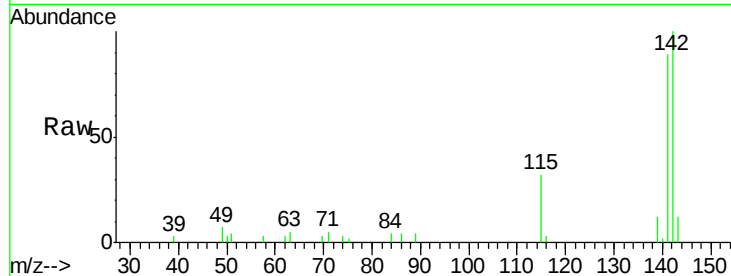




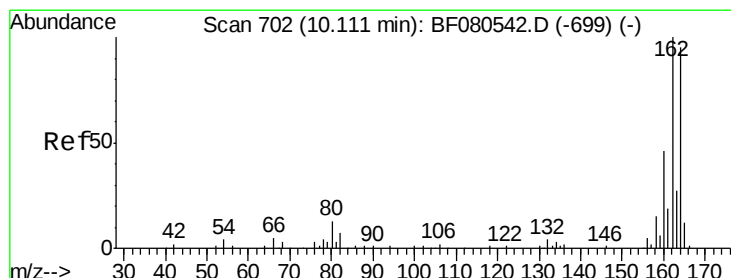
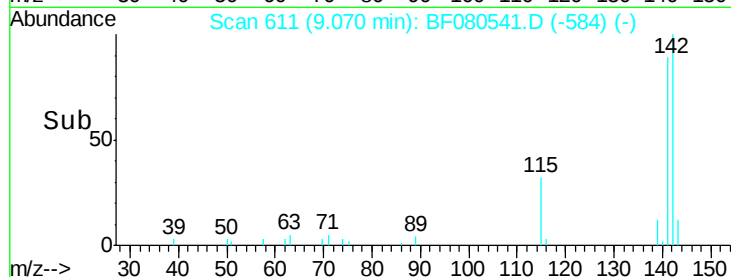
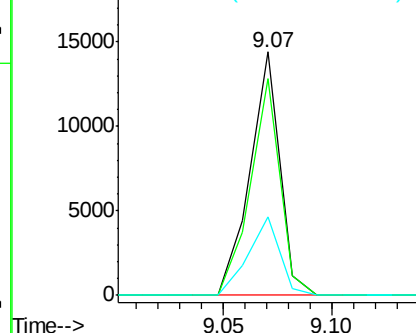
#37
 2-Methylnaphthalene
 Concen: 2.57 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:142 Resp: 13740
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.5 108.7
 115 32.1 28.7 43.1

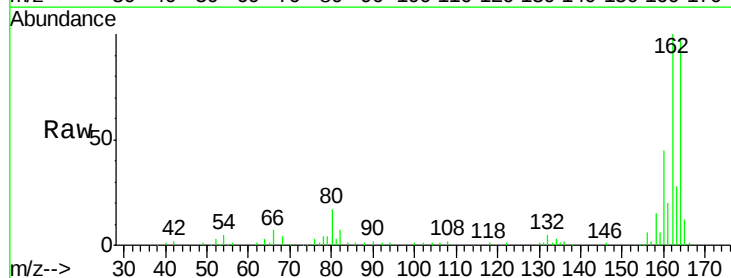


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

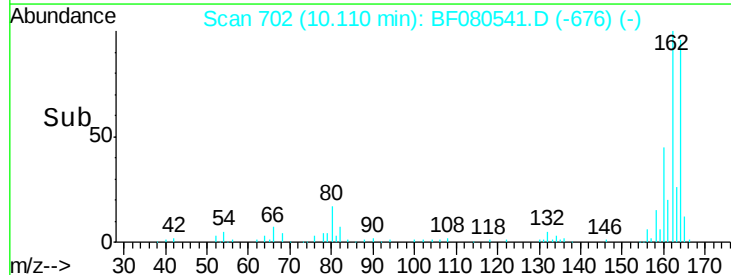
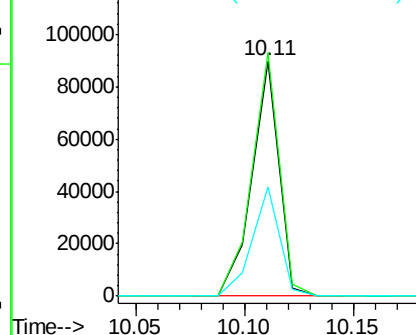


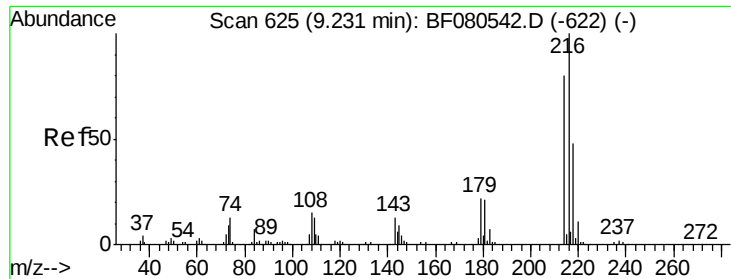
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion:164 Resp: 77142
 Ion Ratio Lower Upper
 164 100
 162 103.5 84.1 126.1
 160 46.4 38.8 58.2



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: 2.60 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:216 Resp: 6387

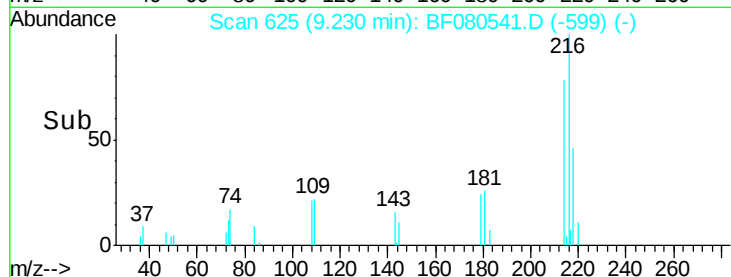
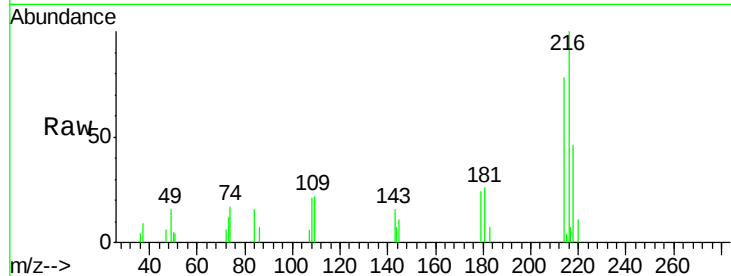
Ion Ratio Lower Upper

216 100

214 76.9 63.6 95.4

179 19.8 18.3 27.5

108 17.8 15.0 22.4

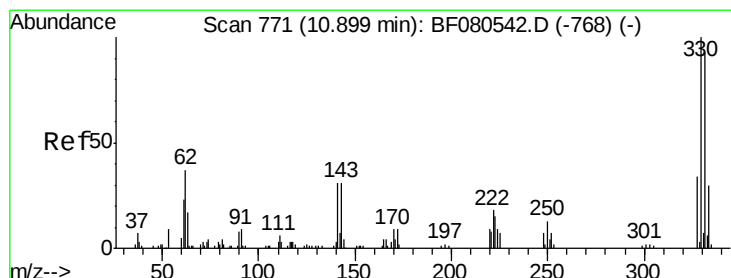
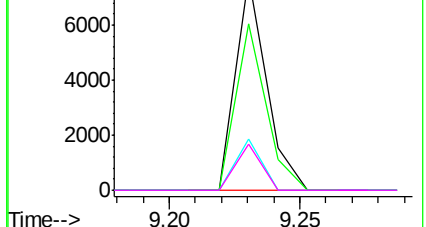


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 4.23 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

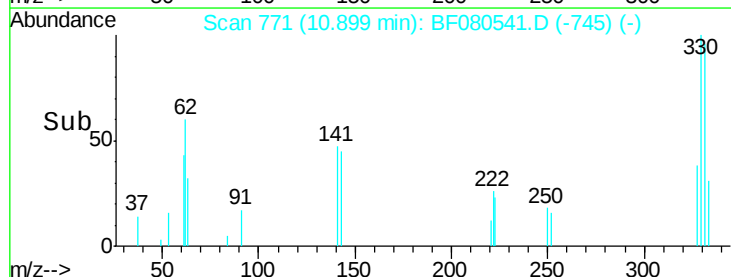
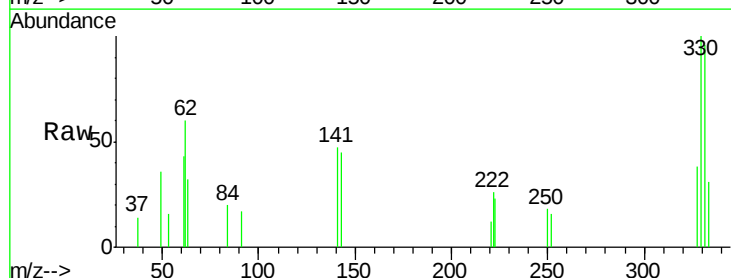
Tgt Ion:330 Resp: 2595

Ion Ratio Lower Upper

330 100

332 96.0 74.3 111.5

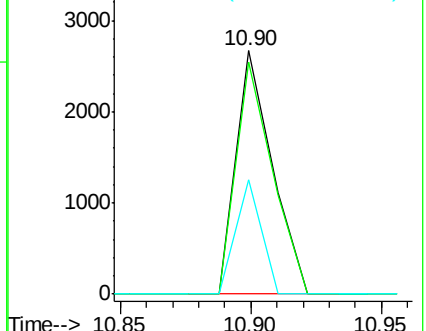
141 33.1 29.0 43.4

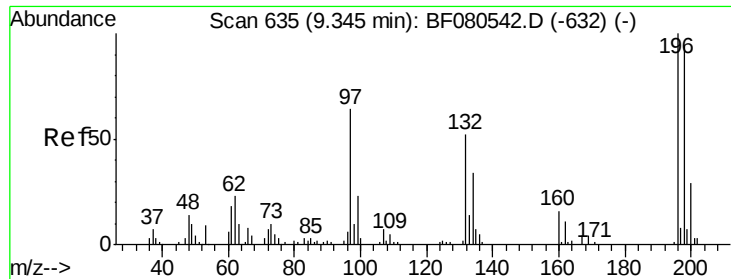


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

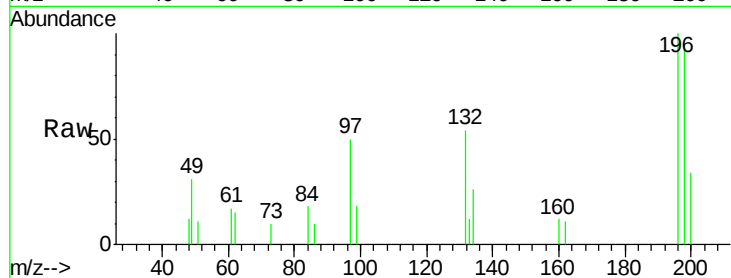




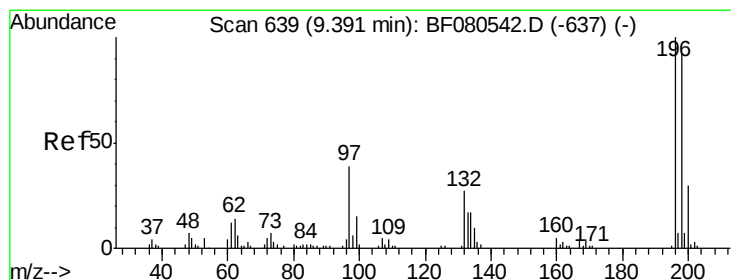
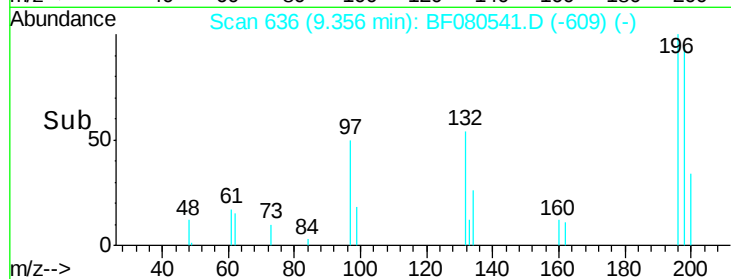
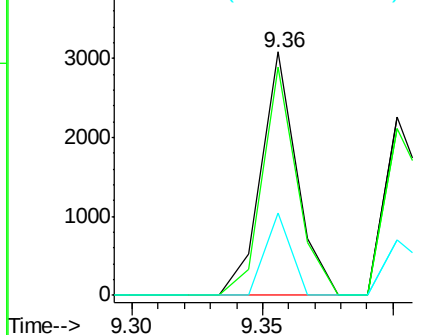
#42
 2,4,6-Trichlorophenol
 Concen: 2.02 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:196 Resp: 2975
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.4 113.2
 200 33.9 23.3 34.9



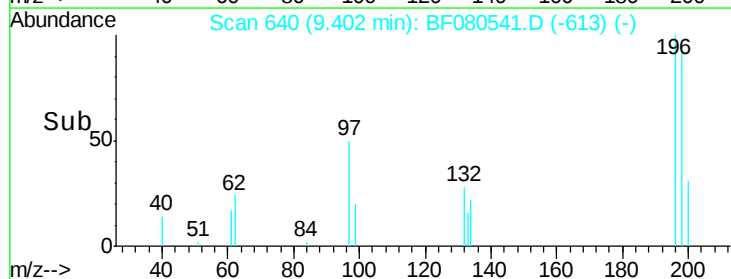
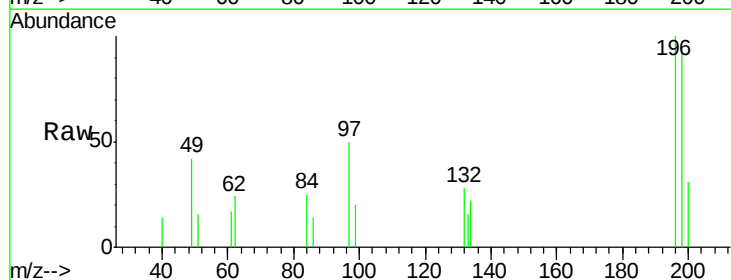
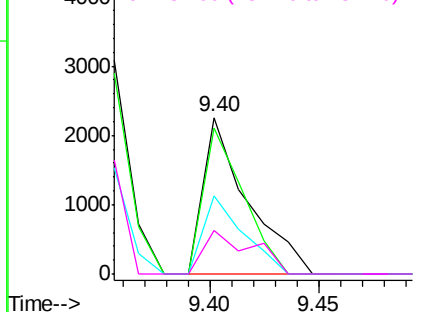
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

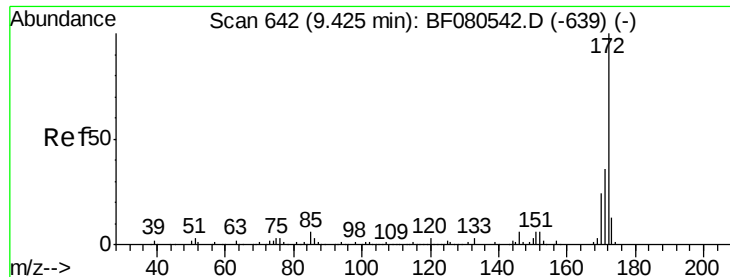


#43
 2,4,5-Trichlorophenol
 Concen: 2.06 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion:196 Resp: 3203
 Ion Ratio Lower Upper
 196 100
 198 93.4 73.8 110.8
 97 50.0 31.3 46.9#
 132 27.6 21.7 32.5

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: 5.45 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

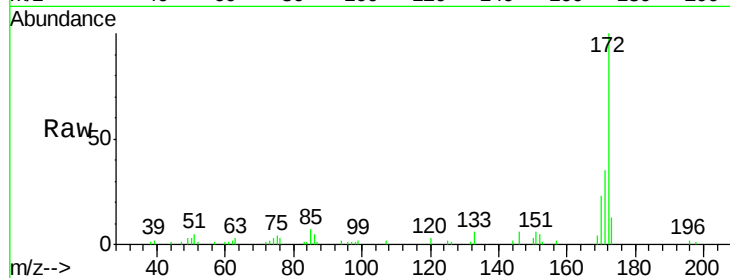
Tgt Ion:172 Resp: 30687

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

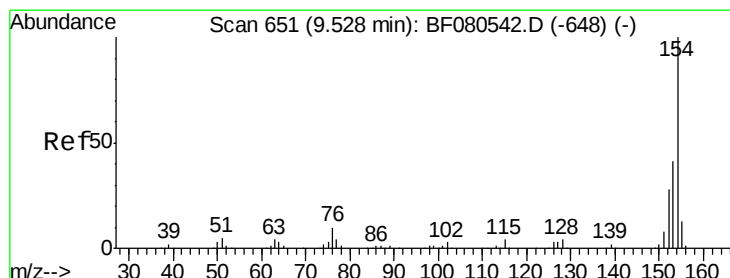
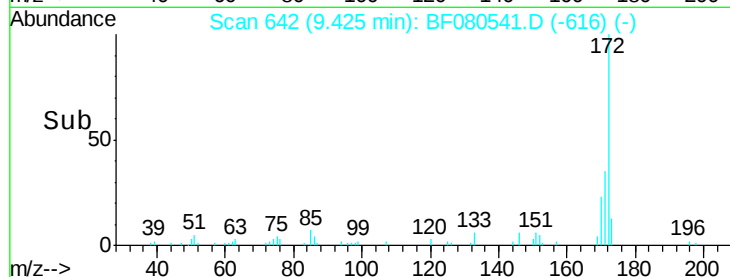
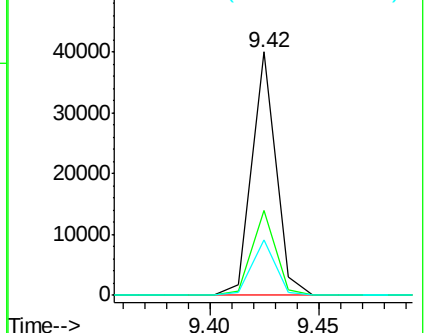
170 22.9 19.0 28.4



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: 2.58 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

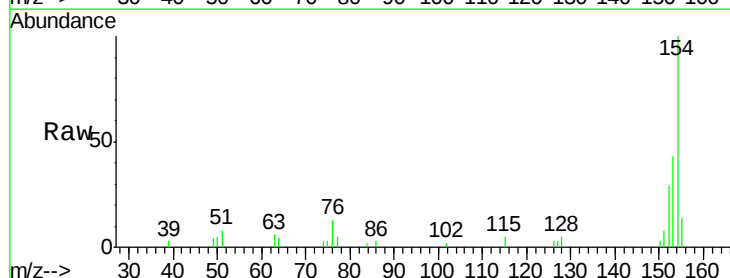
Tgt Ion:154 Resp: 16302

Ion Ratio Lower Upper

154 100

153 43.5 20.6 60.6

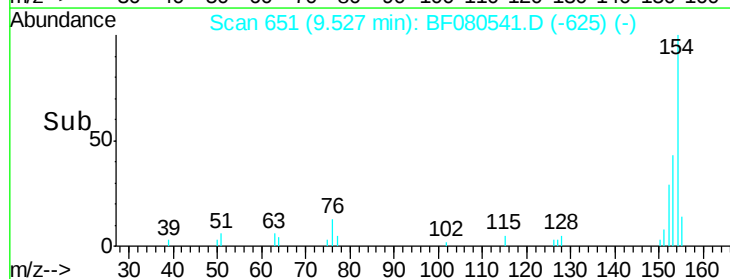
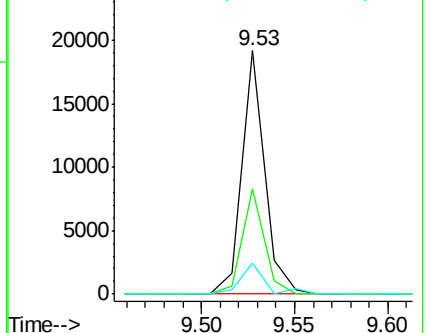
76 12.7 0.0 29.6

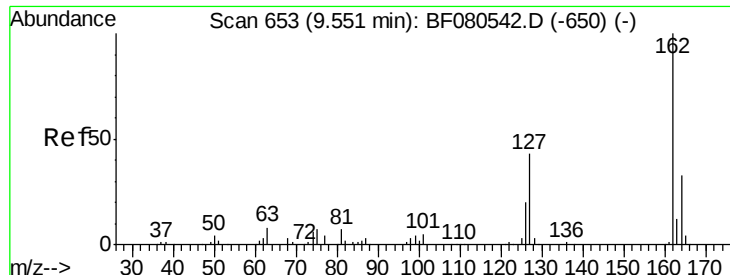


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

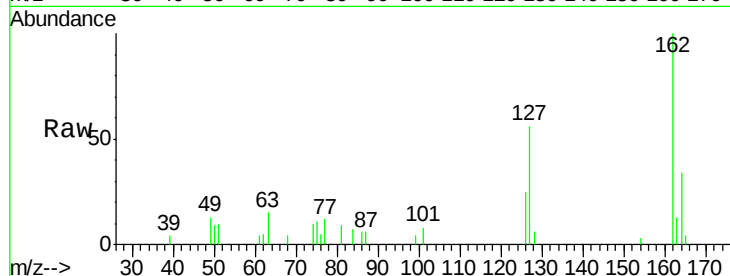




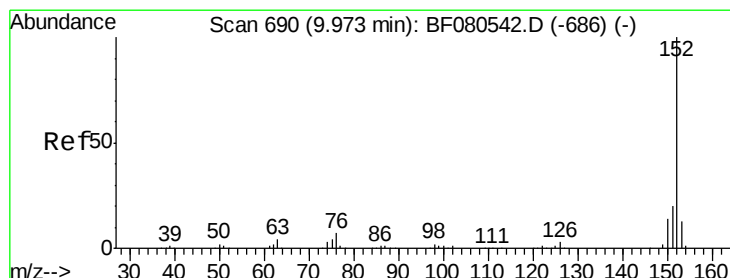
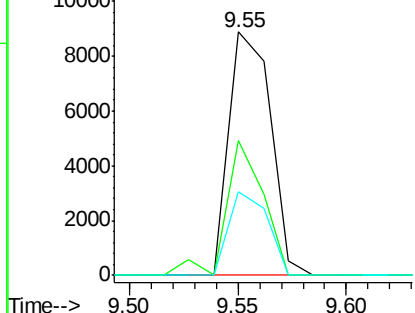
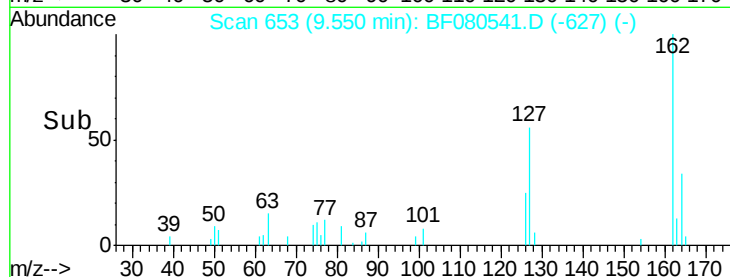
#46
 2-Chloronaphthalene
 Concen: 2.49 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:162 Resp: 11800
 Ion Ratio Lower Upper
 162 100
 127 55.6 35.4 53.2#
 164 34.1 26.2 39.2

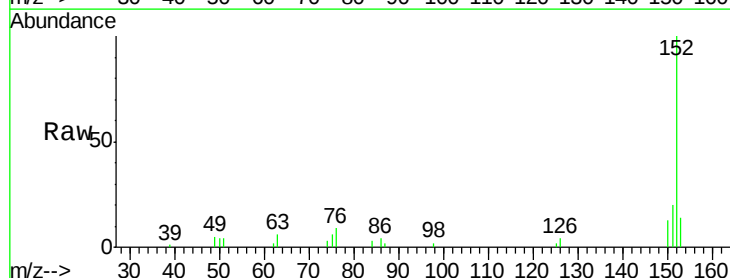


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

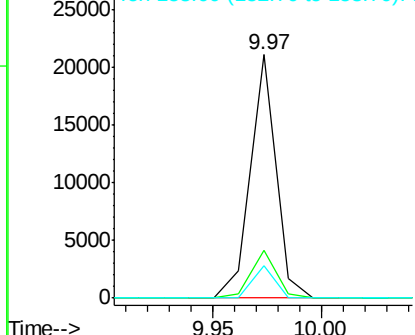
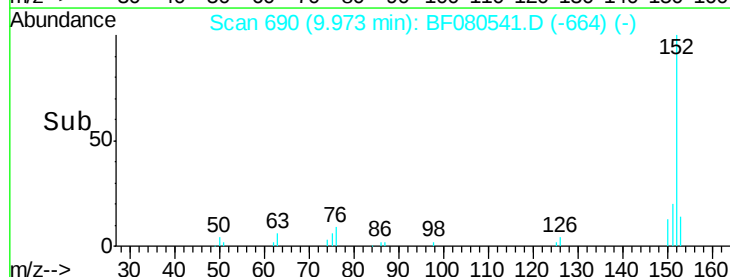


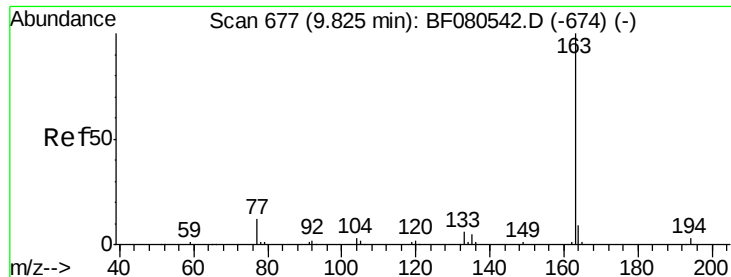
#48
 Acenaphthylene
 Concen: 2.21 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion:152 Resp: 17288
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.8 23.8
 153 13.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

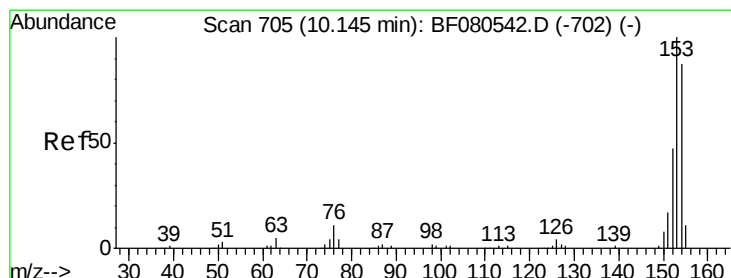
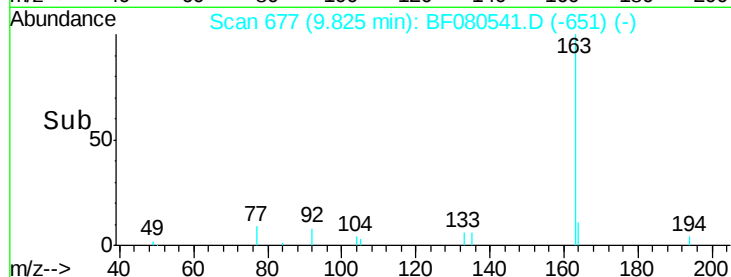
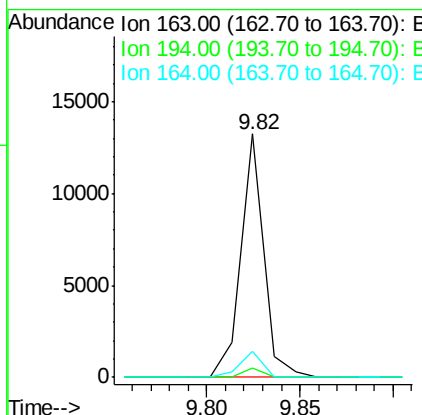
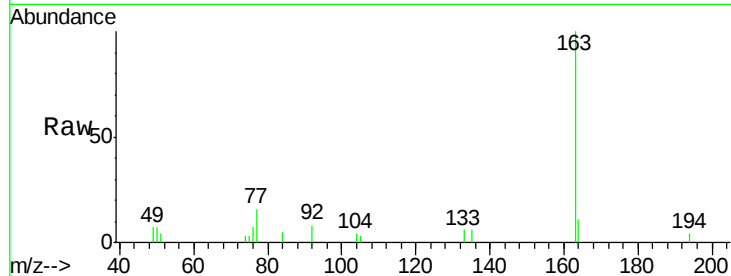




#49
Dimethylphthalate
Concen: 2.18 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

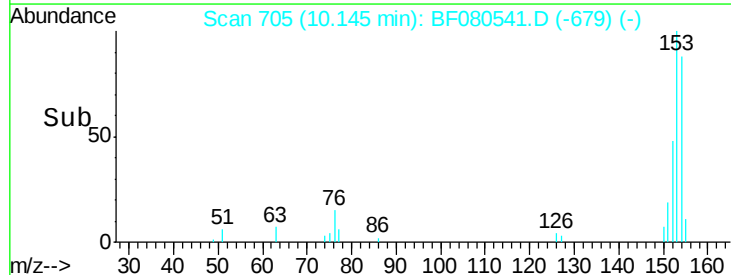
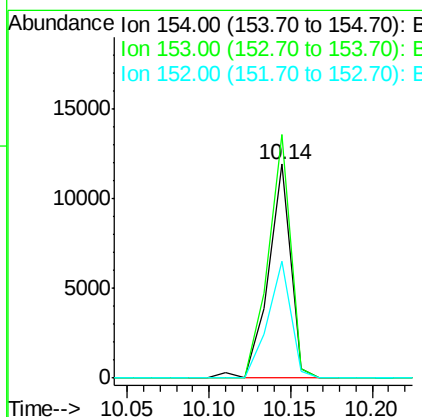
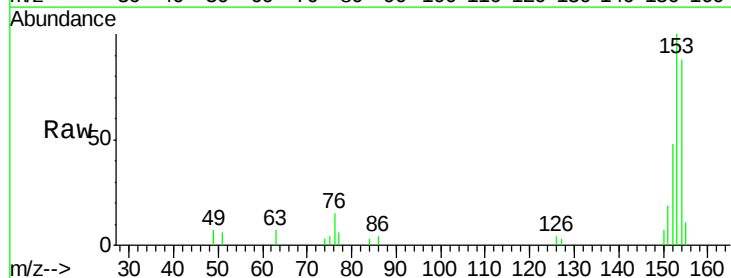
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

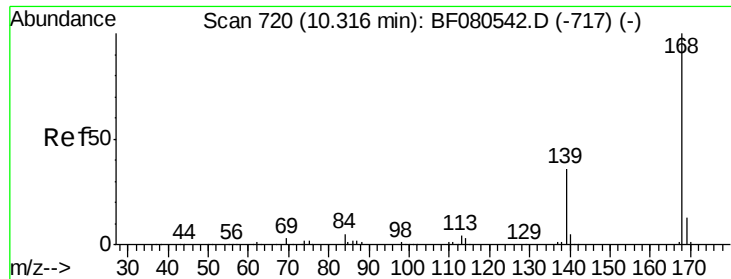
Tgt Ion:163 Resp: 11397
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 7.4 11.2



#51
Acenaphthene
Concen: 2.44 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion:154 Resp: 11386
Ion Ratio Lower Upper
154 100
153 113.9 92.3 138.5
152 54.6 43.4 65.2

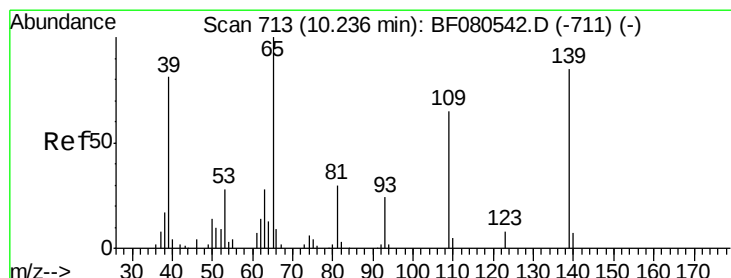
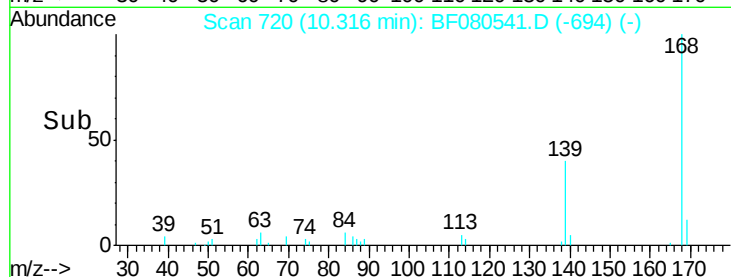
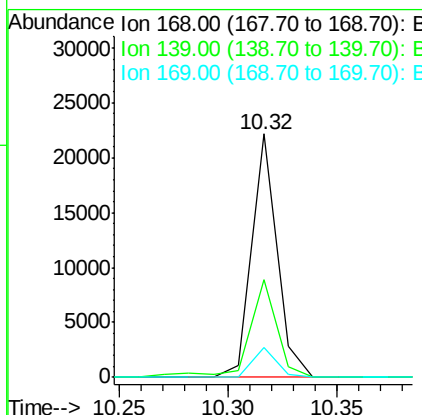
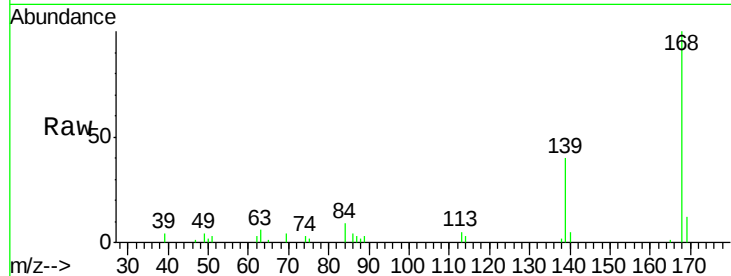




#54
Dibenzenofuran
Concen: 2.67 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

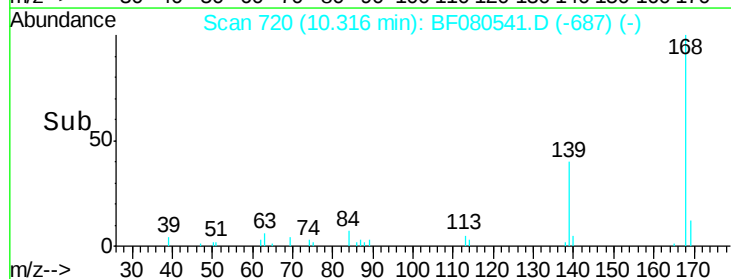
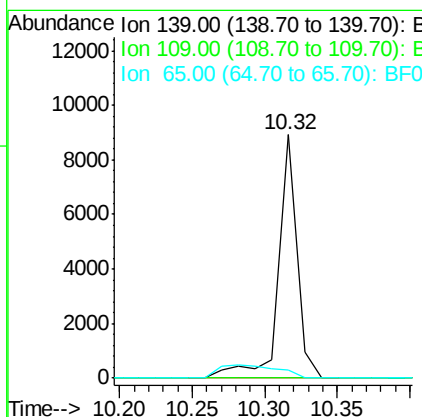
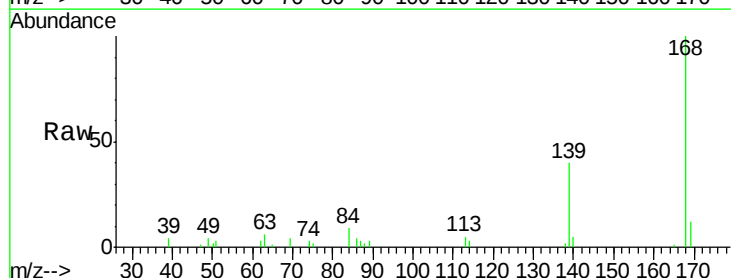
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

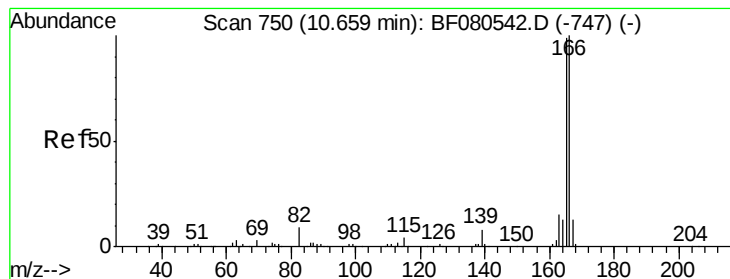
Tgt Ion	Resp	Lower	Upper
168	17890		
139	40.3	29.0	43.4
169	12.4	10.6	15.8



#55
4-Nitrophenol
Concen: 9.72 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.08 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion	Resp	Lower	Upper
139	7945		
109	0.0	56.0	96.0#
65	3.5	97.3	137.3#





#57

Fluorene

Concen: 2.50 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

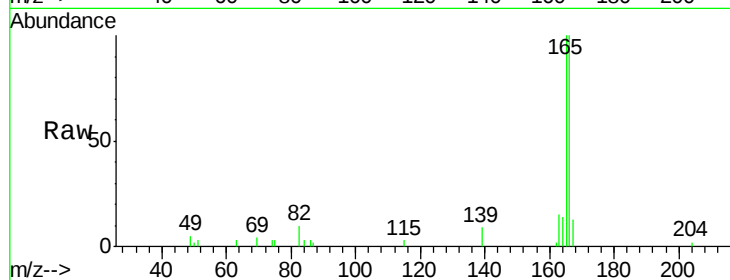
Tgt Ion:166 Resp: 13178

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.4

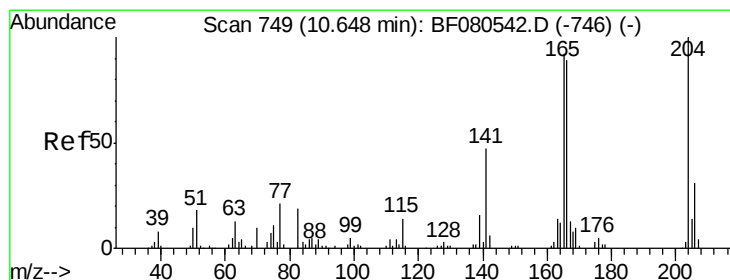
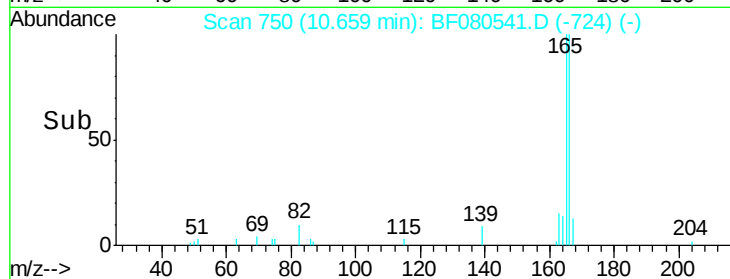
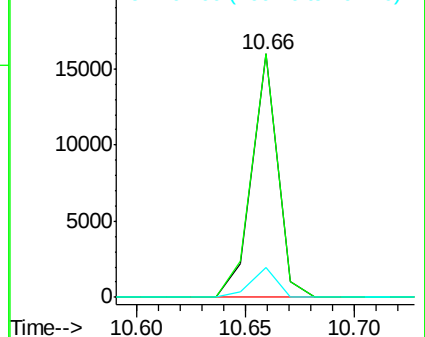
167 12.5 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 2.58 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

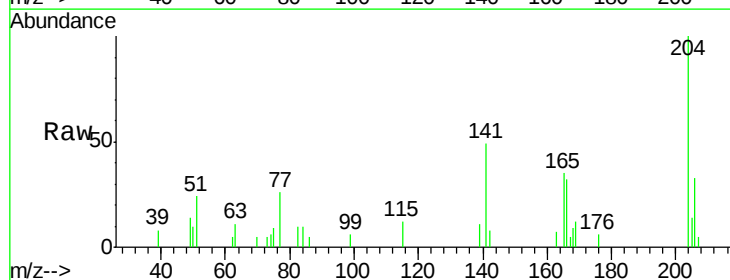
Tgt Ion:204 Resp: 6076

Ion Ratio Lower Upper

204 100

206 33.1 24.9 37.3

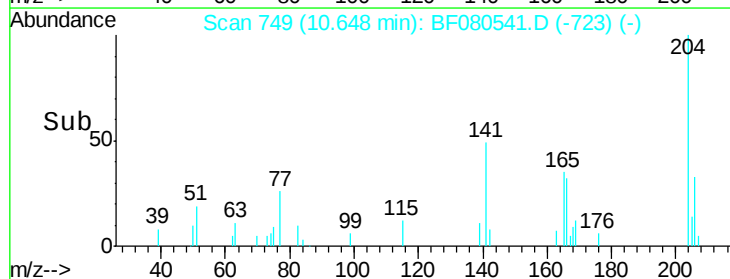
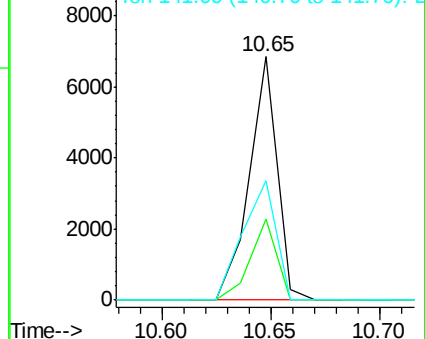
141 49.2 37.9 56.9

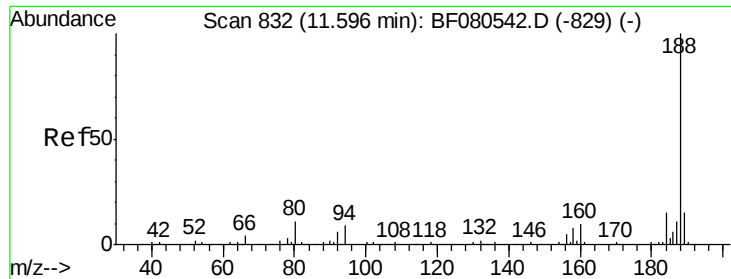


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

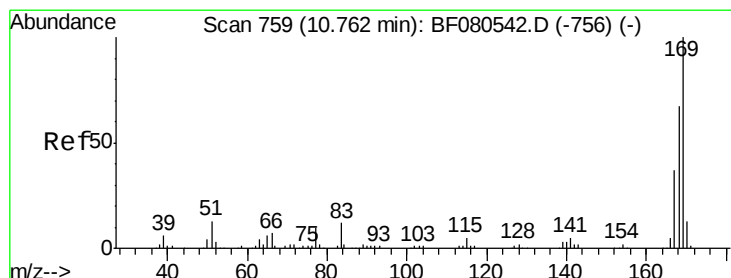
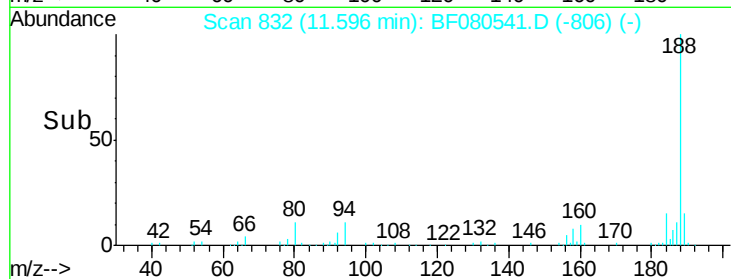
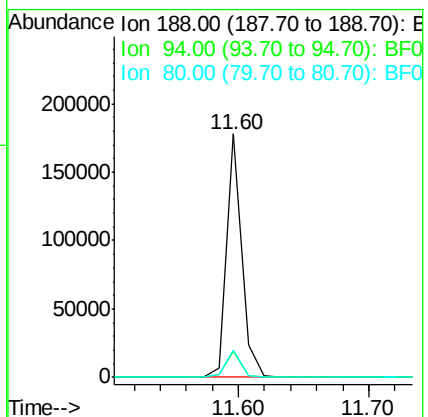
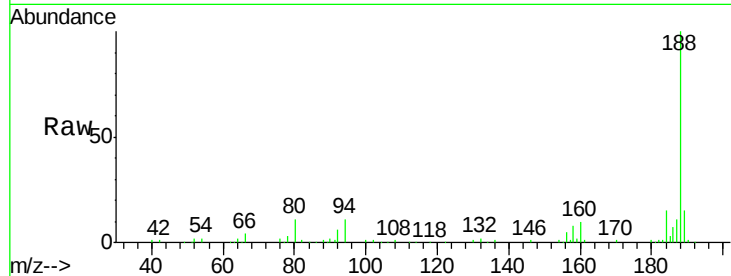




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

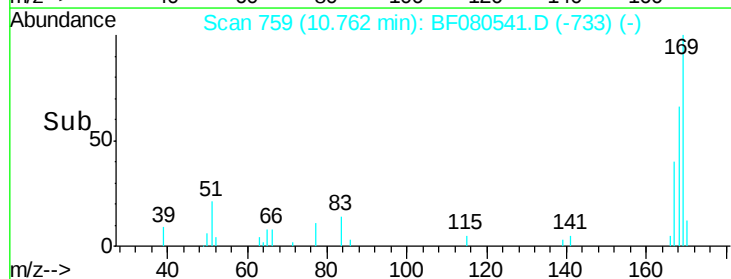
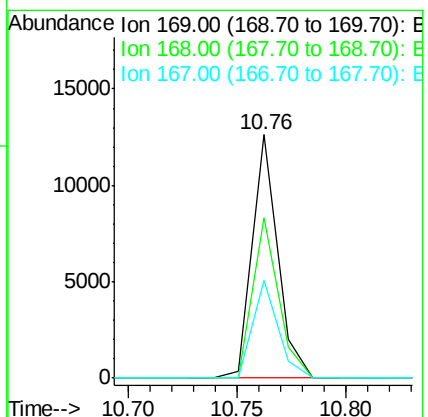
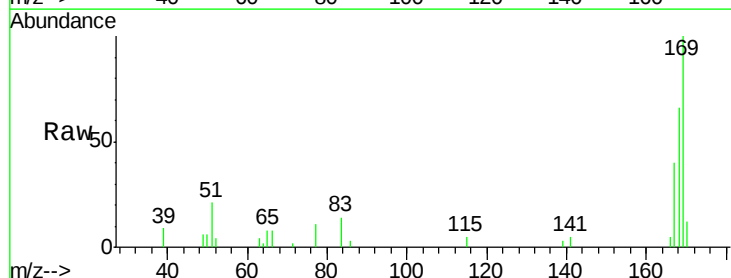
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

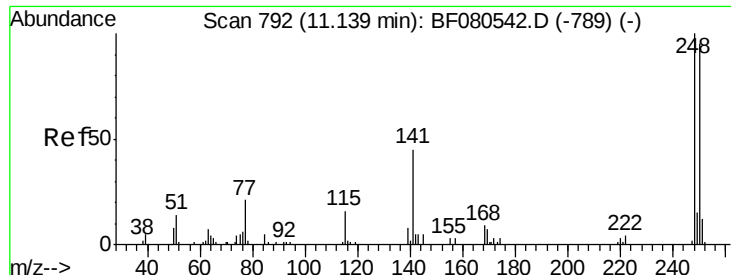
Tgt Ion:188 Resp: 144341
Ion Ratio Lower Upper
188 100
94 10.6 7.6 11.4
80 11.4 8.6 12.8



#65
n-Nitrosodiphenylamine
Concen: 2.12 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion:169 Resp: 10307
Ion Ratio Lower Upper
169 100
168 66.0 53.3 79.9
167 39.9 29.3 43.9

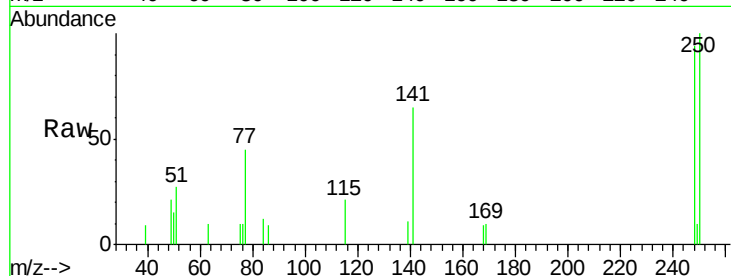




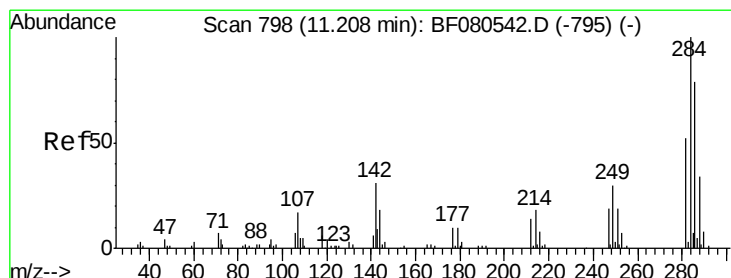
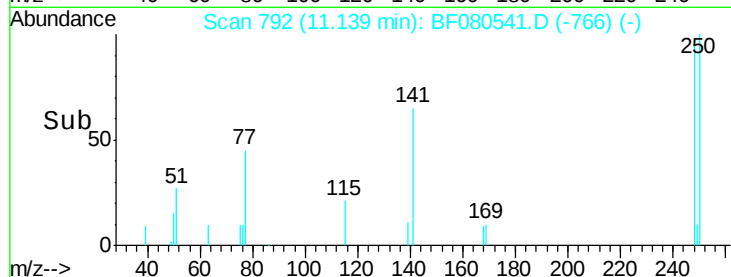
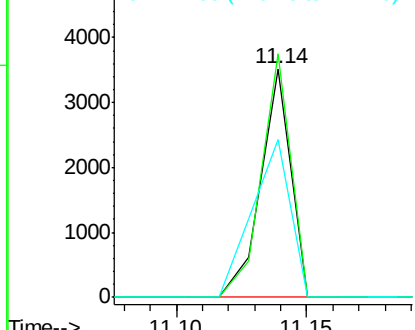
#66
4-Bromophenyl-phenylether
Concen: 2.05 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:248 Resp: 2842
Ion Ratio Lower Upper
248 100
250 106.5 76.4 114.6
141 69.1 36.0 54.0#

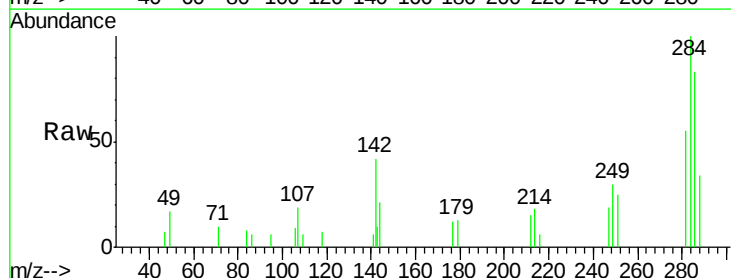


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

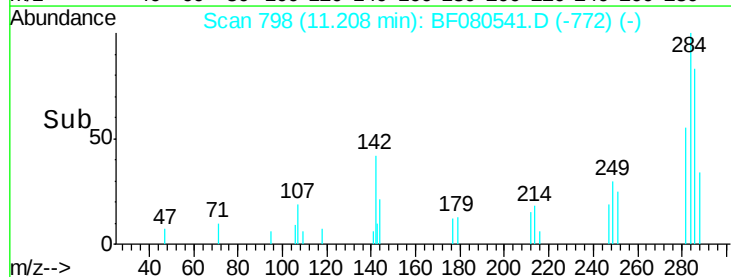
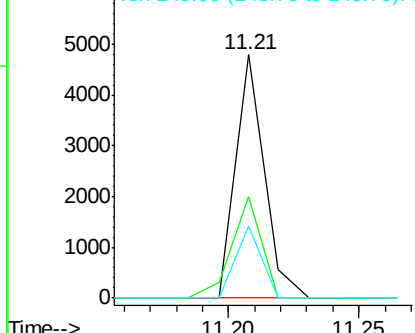


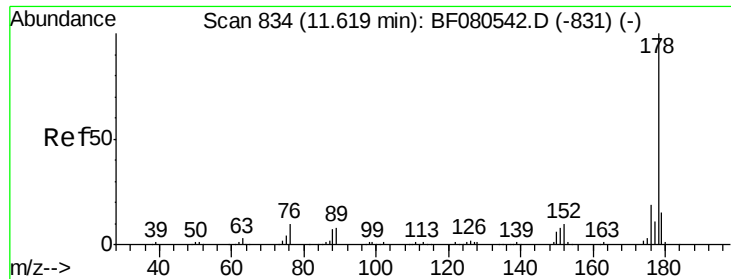
#67
Hexachlorobenzene
Concen: 2.37 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion:284 Resp: 3672
Ion Ratio Lower Upper
284 100
142 41.6 24.8 37.2#
249 29.8 24.2 36.2



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





#70

Phenanthrene

Concen: 2.43 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

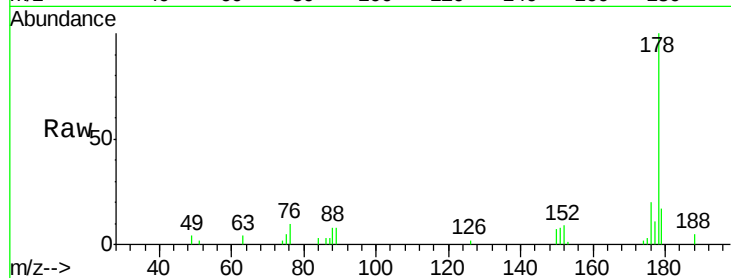
Tgt Ion:178 Resp: 19565

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

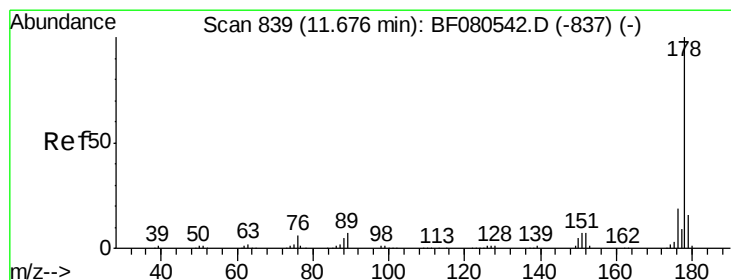
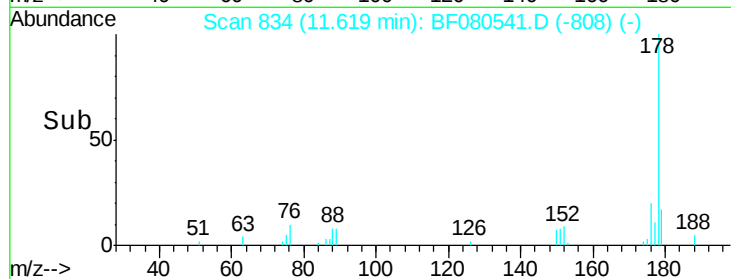
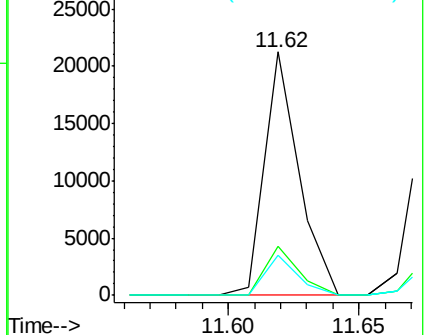
179 16.7 12.0 18.0



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: 2.19 ng

RT: 11.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

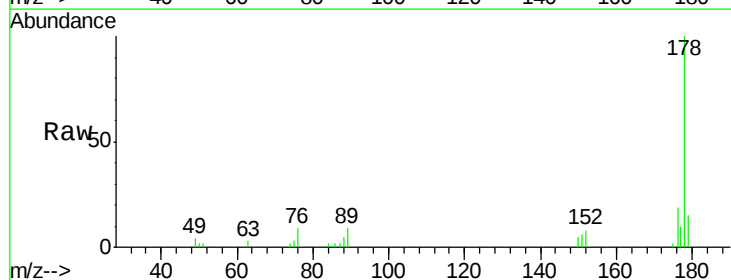
Tgt Ion:178 Resp: 16721

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

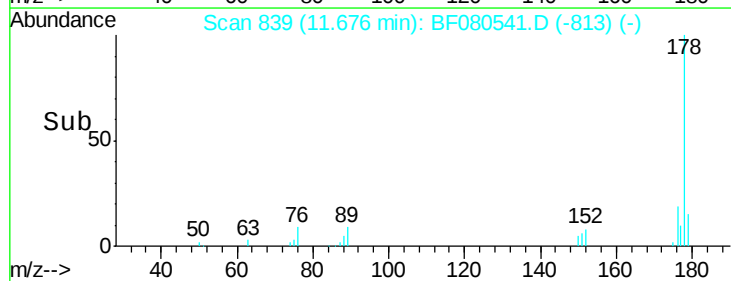
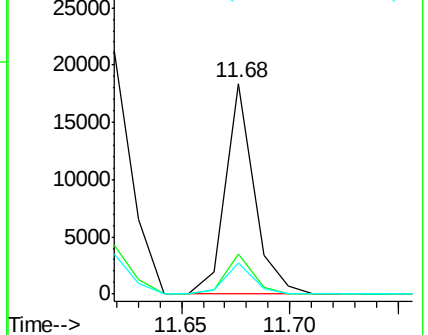
179 14.9 12.4 18.6

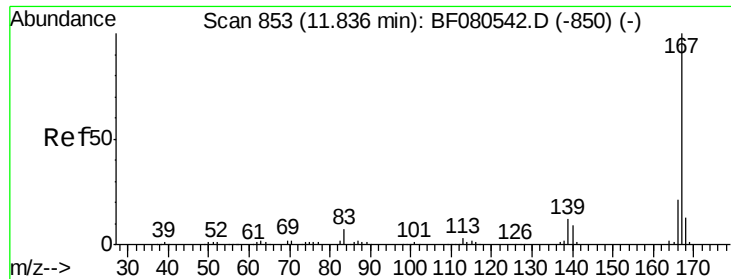


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.20 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

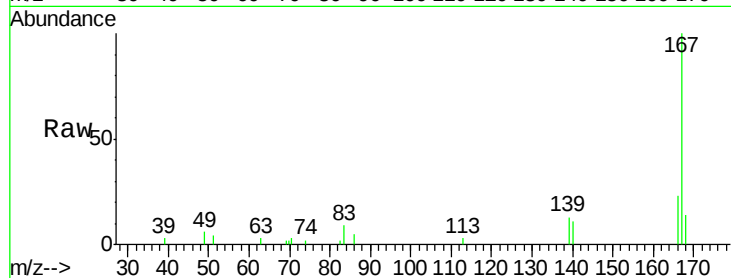
Tgt Ion:167 Resp: 14764

Ion Ratio Lower Upper

167 100

166 22.5 17.1 25.7

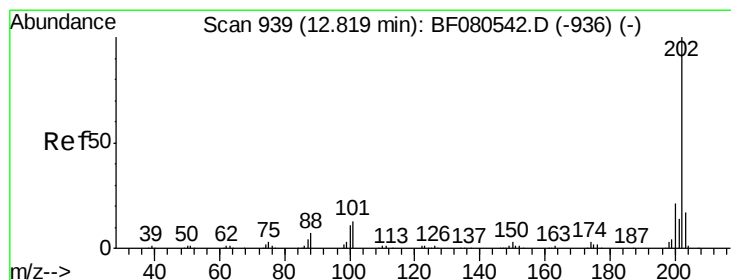
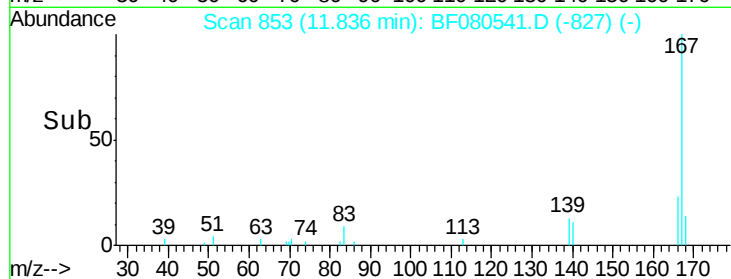
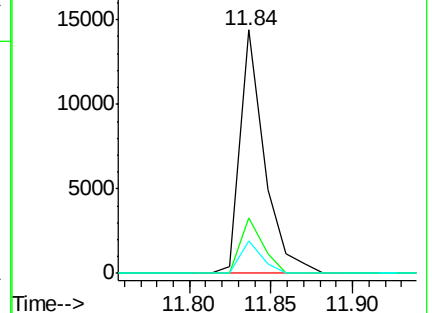
139 13.1 9.8 14.8



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



#74

Fluoranthene

Concen: 2.07 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

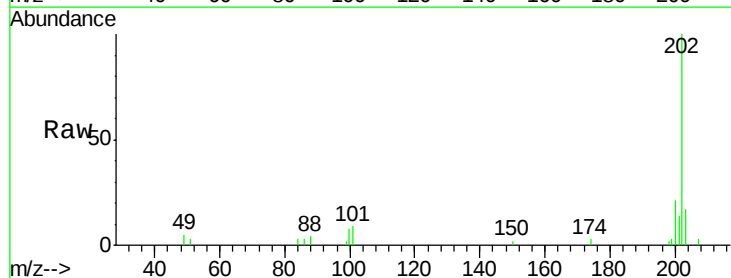
Tgt Ion:202 Resp: 15543

Ion Ratio Lower Upper

202 100

101 9.0 0.0 32.9

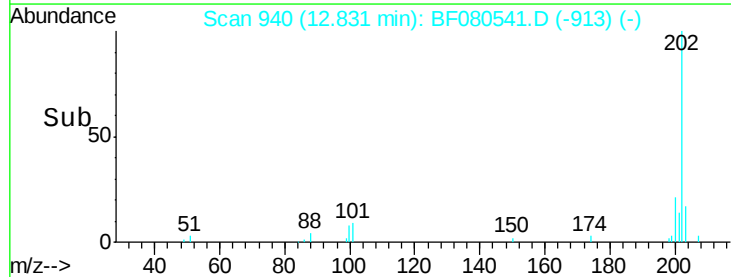
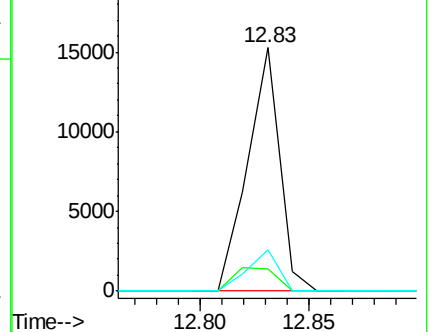
203 17.2 0.0 37.3

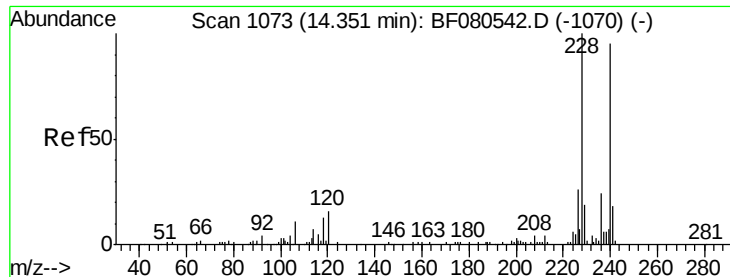


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.37 min Scan# 1075

Delta R.T. 0.02 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

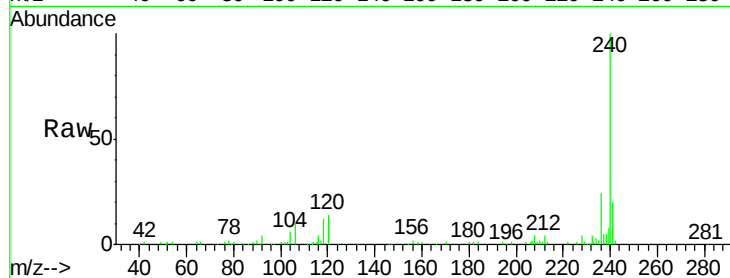
Tgt Ion:240 Resp: 108828

Ion Ratio Lower Upper

240 100

120 13.5 13.6 20.4#

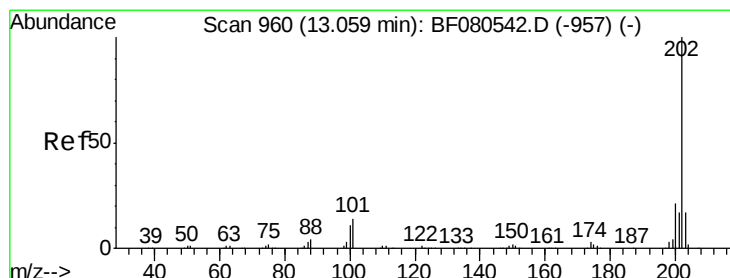
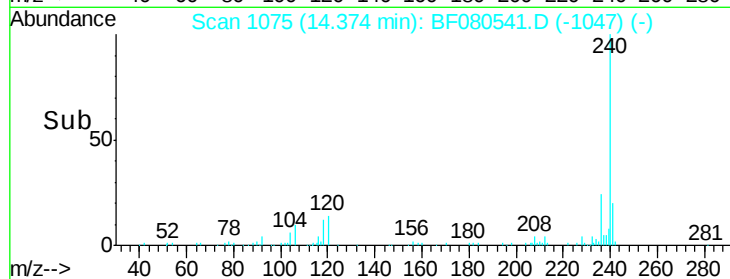
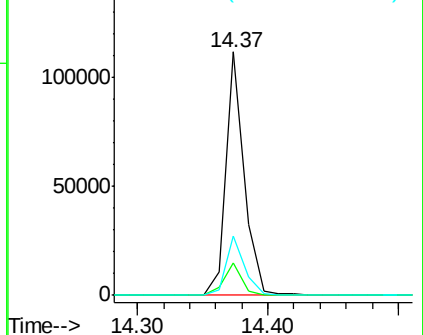
236 24.5 20.2 30.4



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



#77

Pyrene

Concen: 2.31 ng

RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

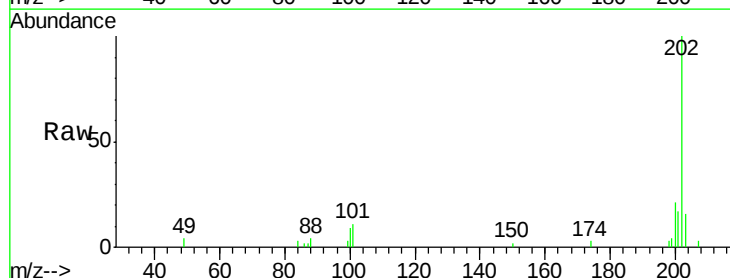
Tgt Ion:202 Resp: 16260

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

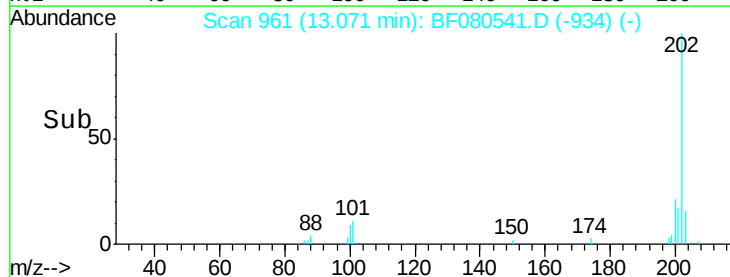
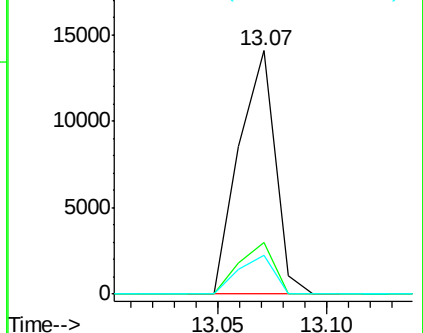
203 16.2 14.0 21.0

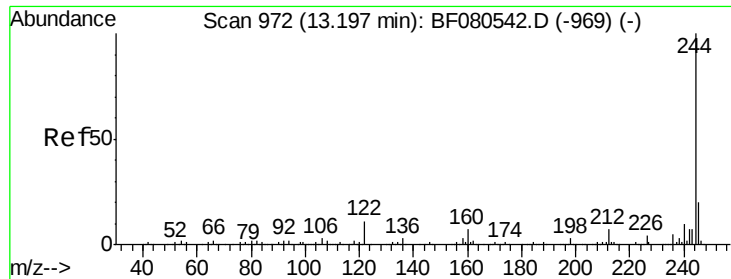


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

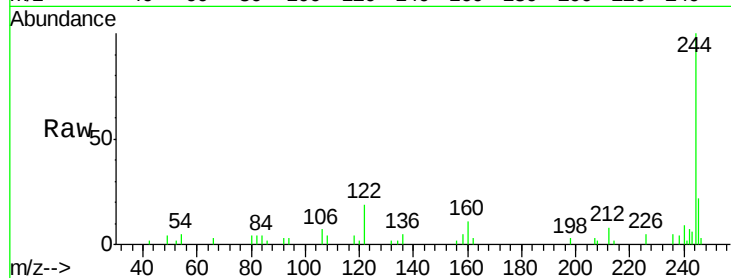




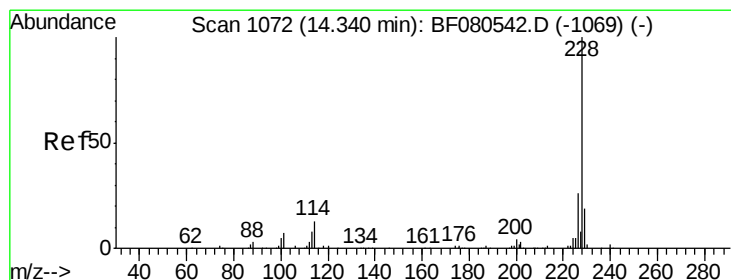
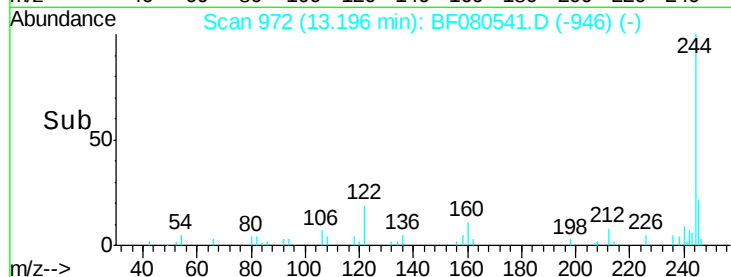
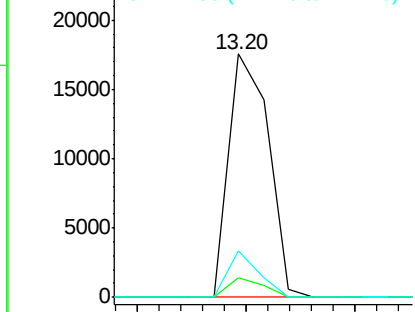
#78
 Terphenyl-d14
 Concen: 4.28 ng
 RT: 13.20 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:244 Resp: 22189
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.5 8.3
 122 18.9 9.0 13.4#

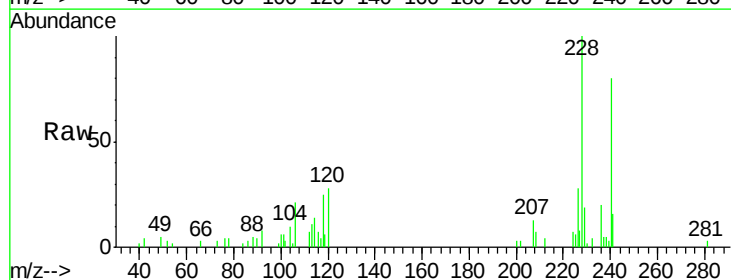


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

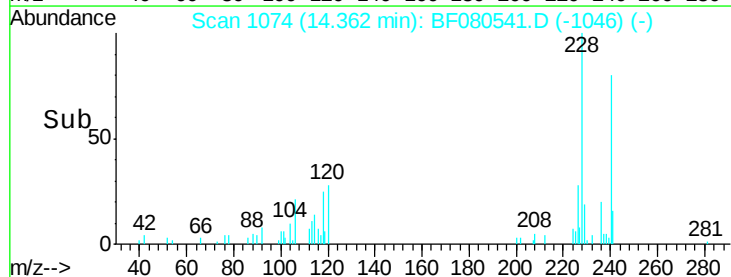
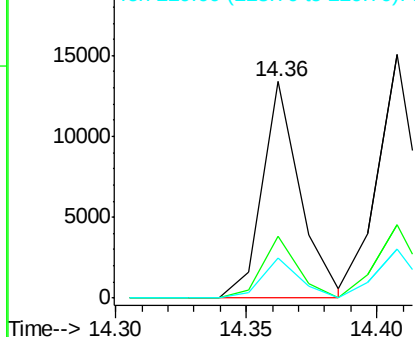


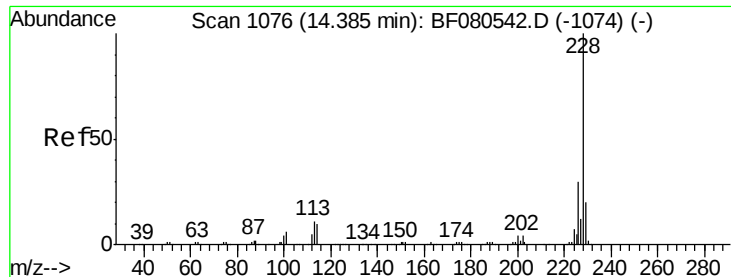
#80
 Benzo(a)anthracene
 Concen: 2.20 ng
 RT: 14.36 min Scan# 1074
 Delta R.T. 0.02 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion:228 Resp: 13384
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.4 32.2
 229 18.6 15.5 23.3



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





#82

Chrysene

Concen: 2.63 ng

RT: 14.41 min Scan# 1078

Delta R.T. 0.02 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

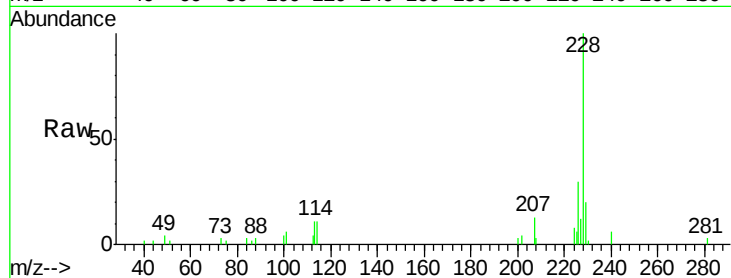
Tgt Ion:228 Resp: 15542

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

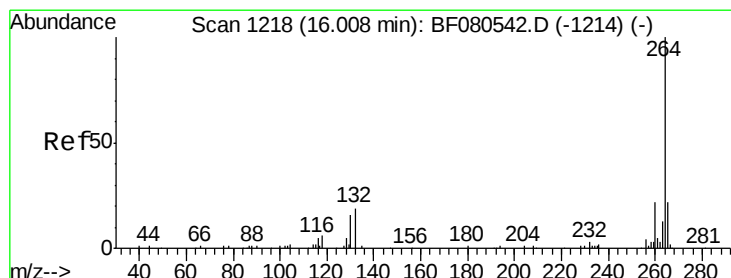
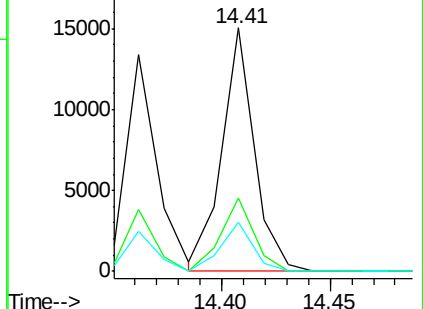
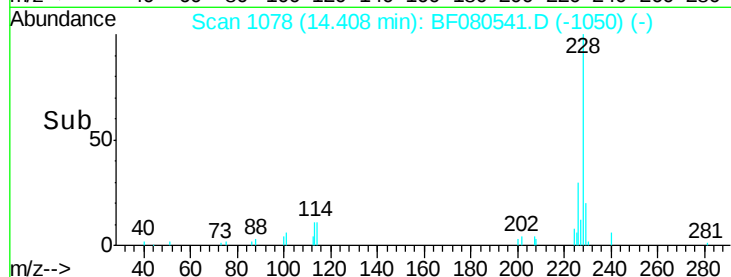
229 20.2 15.8 23.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.05 min Scan# 1222

Delta R.T. 0.05 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

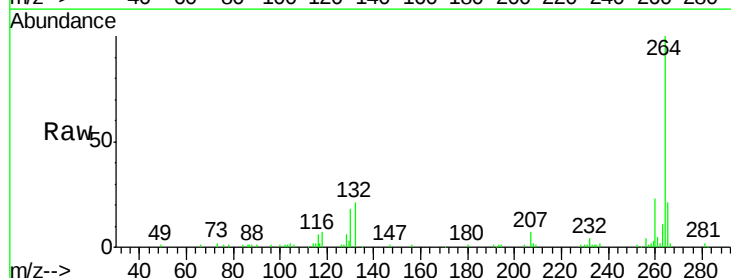
Tgt Ion:264 Resp: 95112

Ion Ratio Lower Upper

264 100

260 23.2 17.8 26.8

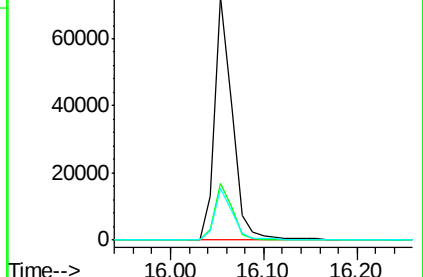
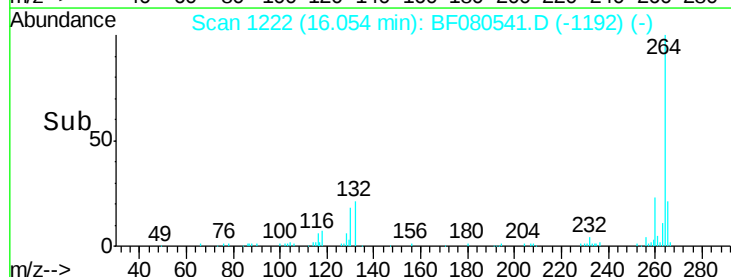
265 21.4 17.2 25.8

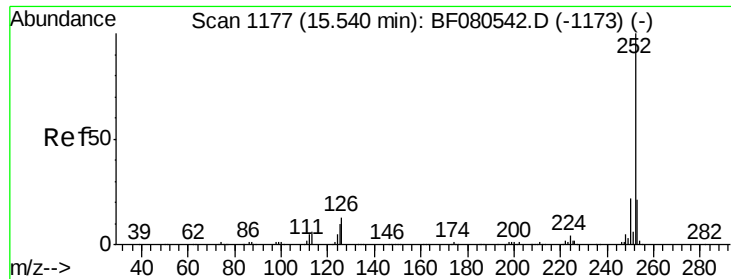


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

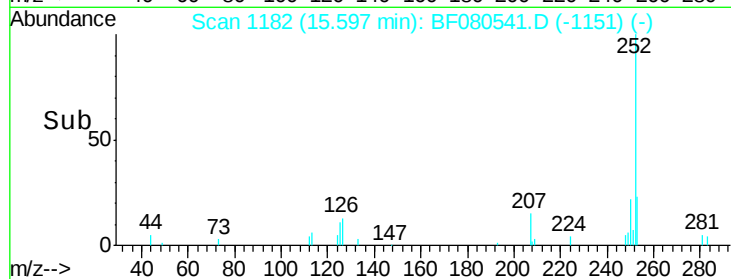
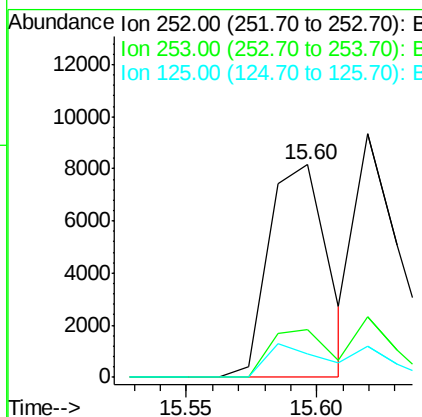
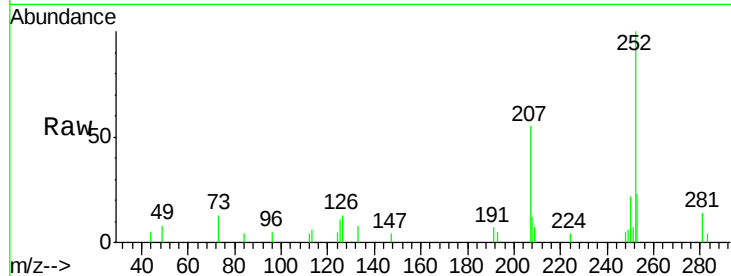




#87
Benzo(b)fluoranthene
Concen: 2.34 ng
RT: 15.60 min Scan# 1182
Delta R.T. 0.06 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

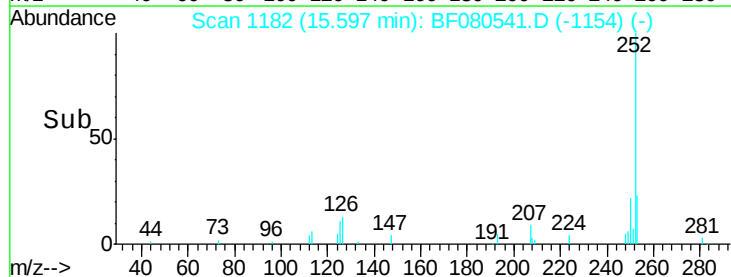
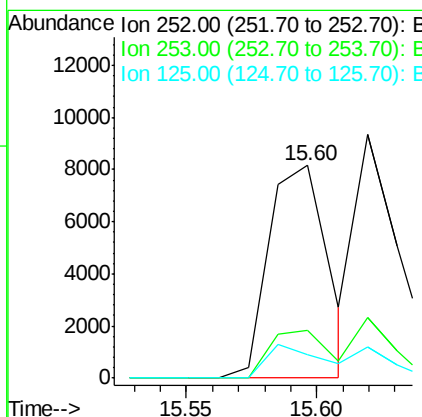
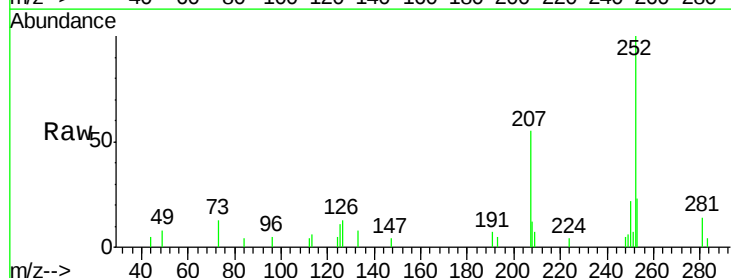
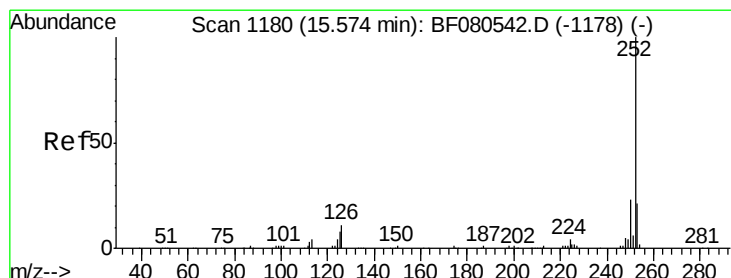
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

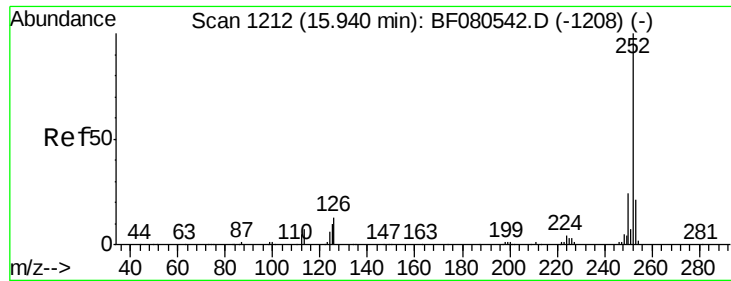
Tgt Ion:252 Resp: 12837
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.8 8.1 12.1



#88
Benzo(k)fluoranthene
Concen: 2.29 ng
RT: 15.60 min Scan# 1182
Delta R.T. 0.02 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion:252 Resp: 12837
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.8 7.0 10.4#





#89

Benzo(a)pyrene

Concen: 2.02 ng

RT: 15.99 min Scan# 1216

Delta R.T. 0.05 min

Lab File: BF080541.D

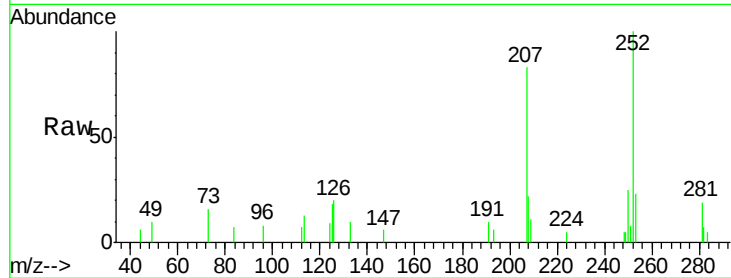
Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:	252	Resp:	10321
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	17.7	8.1	12.1

