

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092658.D
 Acq On : 31 Jan 2017 2:33
 Operator : SJ/MA
 Sample : I1593-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-6

Quant Time: Jan 31 06:03:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	166638	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	639753	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	312957	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	381826	20.00	ng	0.00
75) Chrysene-d12	14.15	240	280042	20.00	ng	0.00
86) Perylene-d12	15.62	264	220533	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1568032	161.44	ng	0.01
7) Phenol-d6	6.61	99	2012596	161.04	ng	0.01
23) Nitrobenzene-d5	7.53	82	1070973	93.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	290169	128.19	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1809062	104.72	ng	0.00
78) Terphenyl-d14	13.08	244	970043	81.39	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.50	77	27319	3.05	ng	92
10) Phenol	6.62	94	104786	7.17	ng	# 57
12) 1,3-Dichlorobenzene	6.98	146	36490	2.91	ng	96
13) 1,4-Dichlorobenzene	6.98	146	36490	2.87	ng	95
14) 1,2-Dichlorobenzene	6.98	146	36490	3.00	ng	94
18) Hexachloroethane	7.49	117	9325	2.15	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	160822	20.22	ng	# 82
20) 3+4-Methylphenols	7.38	107	37004	3.37	ng	# 65
25) Isophorone	7.53	82	1047643	48.94	ng	# 65
31) Naphthalene	8.27	128	453961	14.00	ng	99
32) Benzoic acid	8.02	122	5710	8.04	ng	# 38
33) 4-Chloroaniline	8.27	127	63195	4.97	ng	# 36
35) Caprolactam	8.67	113	6163	2.13	ng	# 1
37) 2-Methylnaphthalene	8.97	142	73277	3.52	ng	96
49) Dimethylphthalate	9.72	163	171057	8.11	ng	98
51) Acenaphthene	10.04	154	46573	2.54	ng	94
53) 2,4-Dinitrophenol	10.29	184	1522	5.35	ng	# 73
54) Dibenzofuran	10.21	168	59748	2.44	ng	# 91
57) Fluorene	10.56	166	73525	3.90	ng	94
59) Diethylphthalate	10.42	149	247800	12.47	ng	100
64) 4,6-Dinitro-2-methylphenol	10.44	198	11479	7.33	ng	94
70) Phenanthrene	11.52	178	609960	27.88	ng	98
71) Anthracene	11.57	178	169643	7.72	ng	98
72) Carbazole	11.72	167	43805	2.09	ng	# 89
73) Di-n-butylphthalate	12.05	149	478638	21.08	ng	99
74) Fluoranthene	12.73	202	940103	41.66	ng	98
77) Pyrene	12.96	202	942043	44.95	ng	98
80) Benzo(a)anthracene	14.13	228	609505	35.59	ng	99
82) Chrysene	14.17	228	364933	22.76	ng	97
83) Bis(2-ethylhexyl)phthalate	14.11	149	110427	9.49	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.09	276	222950	17.95	ng	97
87) Benzo(b)fluoranthene	15.19	252	715140	49.27	ng	# 95
88) Benzo(k)fluoranthene	15.19	252	715140	57.06	ng	# 95
89) Benzo(a)pyrene	15.56	252	378258	30.13	ng	99

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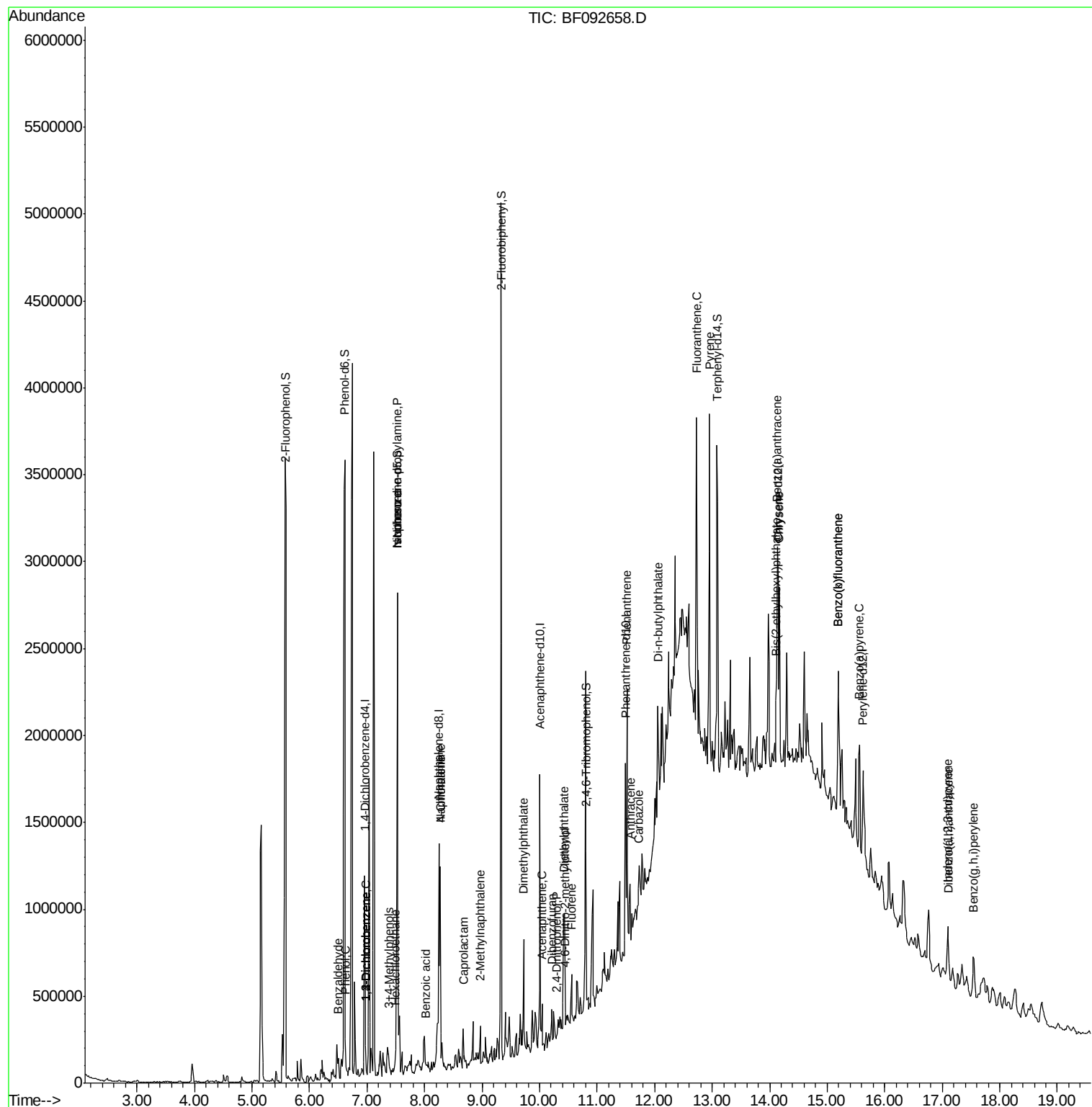
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	17.11	278	49646	4.89	ng	# 83
91) Benzo(g,h,i)perylene	17.54	276	222649	21.72	ng	# 89

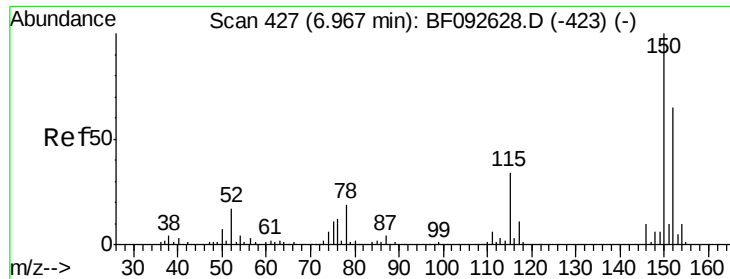
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

Instrument :

BNA_F

ClientSampleId :

B2-6

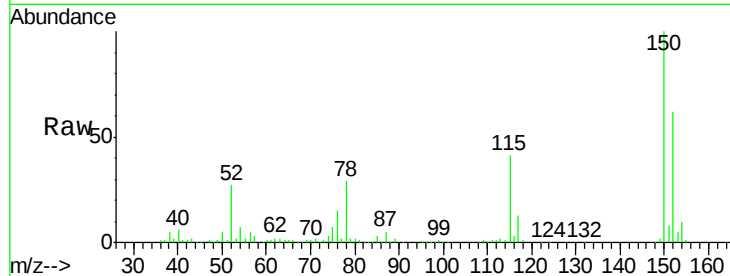
Tgt Ion:152 Resp: 166638

Ion Ratio Lower Upper

152 100

150 161.5 124.9 187.3

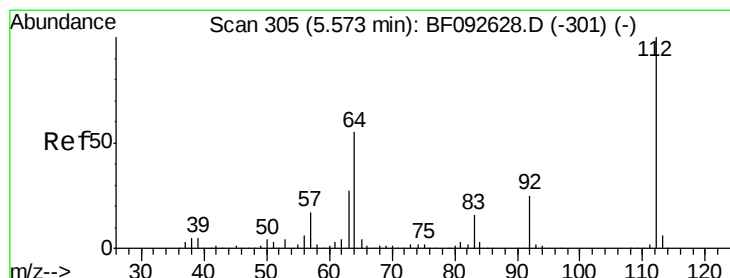
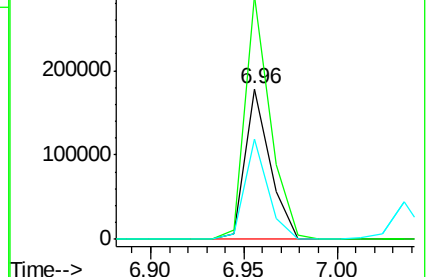
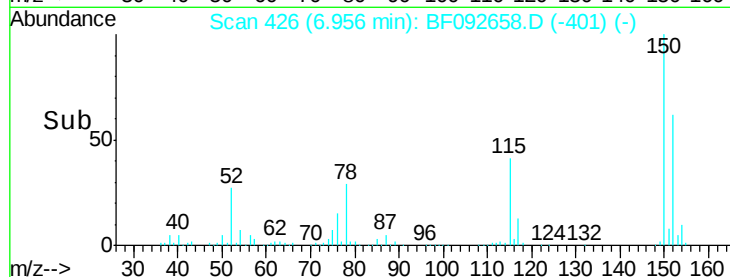
115 66.9 46.0 69.0



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: 161.44 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

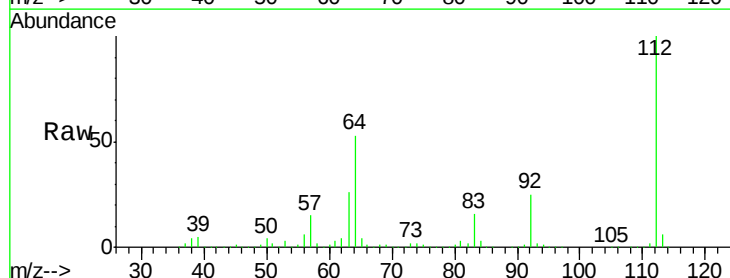
Tgt Ion:112 Resp: 1568032

Ion Ratio Lower Upper

112 100

64 52.6 46.1 69.1

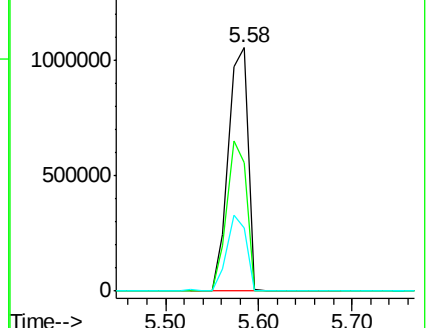
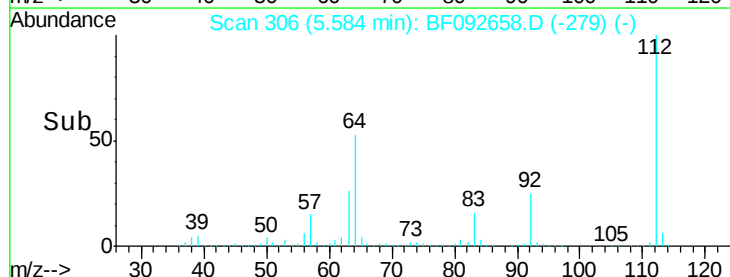
63 26.1 23.8 35.6

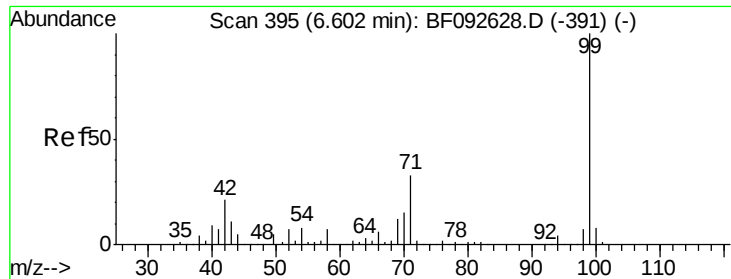


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 161.04 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

Instrument :

BNA_F

ClientSampleId :

B2-6

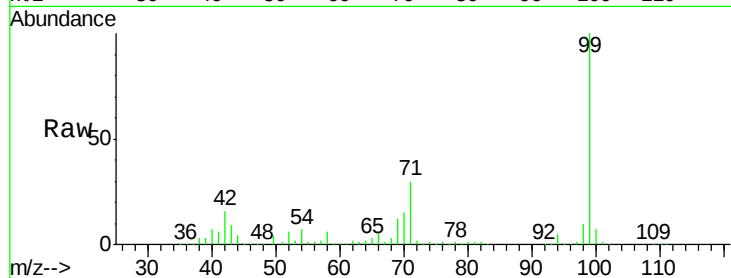
Tgt Ion: 99 Resp: 2012596

Ion Ratio Lower Upper

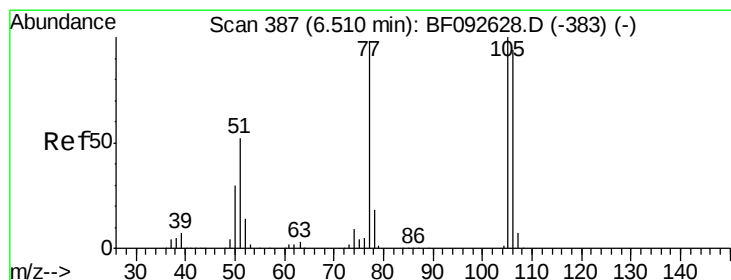
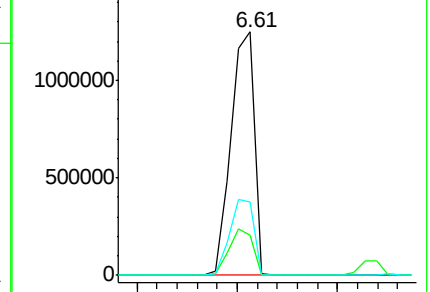
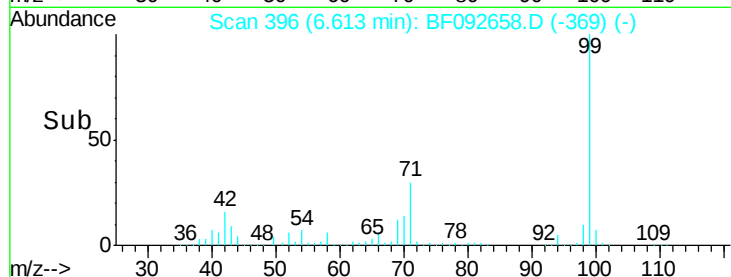
99 100

42 16.4 15.6 23.4

71 29.9 27.5 41.3



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



#9

Benzaldehyde

Concen: 3.05 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

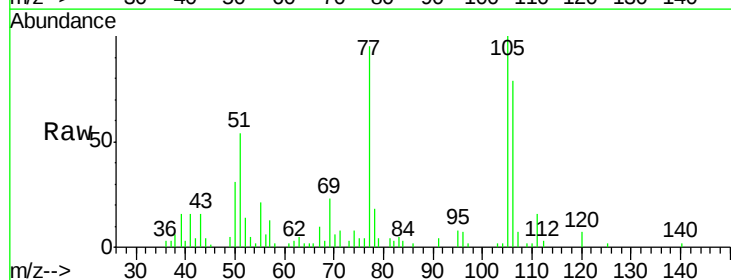
Tgt Ion: 77 Resp: 27319

Ion Ratio Lower Upper

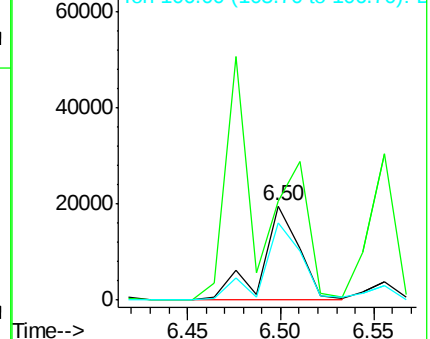
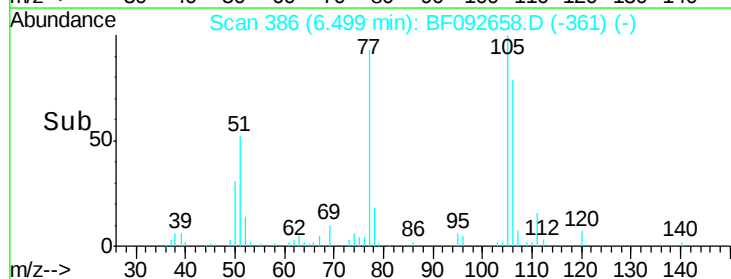
77 100

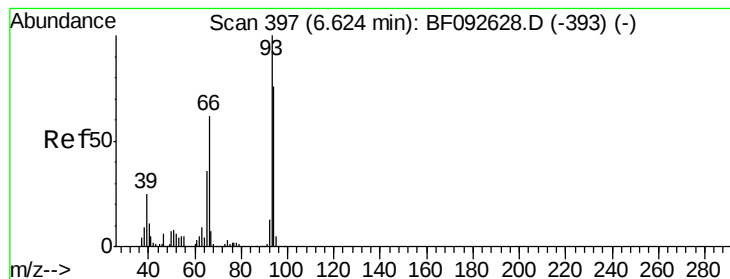
105 104.8 83.9 123.9

106 82.4 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 7.17 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

Instrument :

BNA_F

ClientSampleId :

B2-6

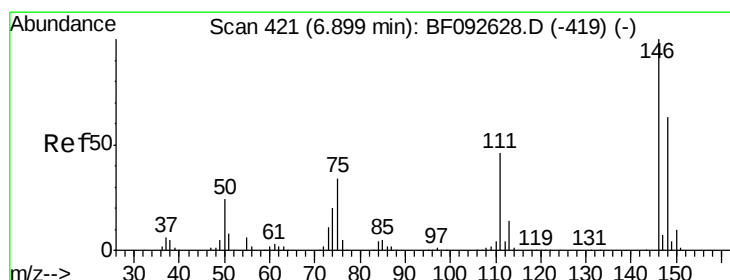
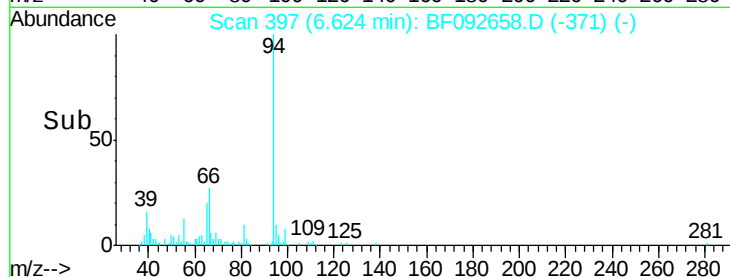
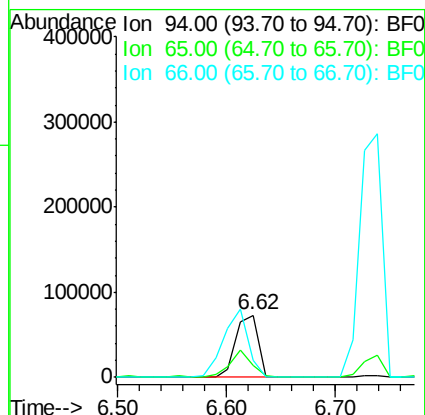
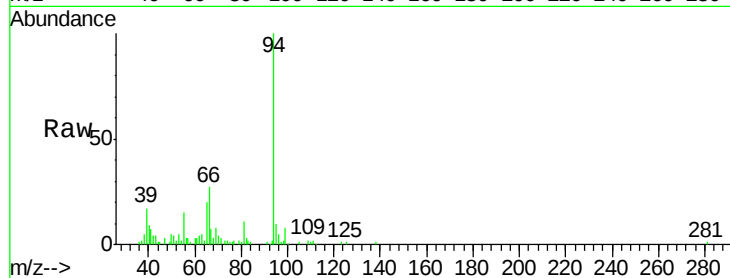
Tgt Ion: 94 Resp: 104786

Ion Ratio Lower Upper

94 100

65 19.5 21.4 61.4#

66 26.8 44.0 84.0#



#12

1,3-Dichlorobenzene

Concen: 2.91 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.08 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

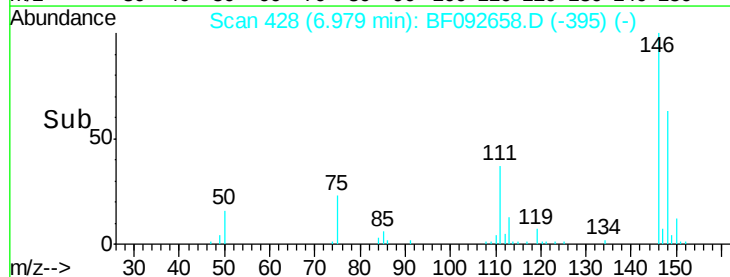
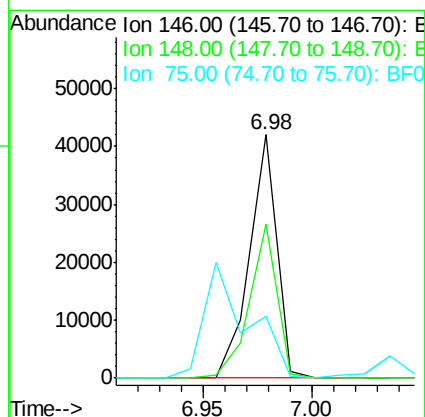
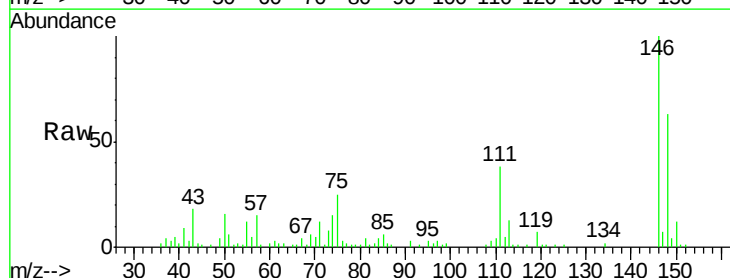
Tgt Ion: 146 Resp: 36490

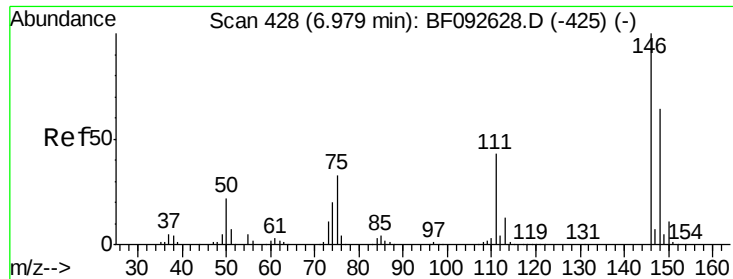
Ion Ratio Lower Upper

146 100

148 63.3 53.4 80.0

75 25.2 18.5 27.7

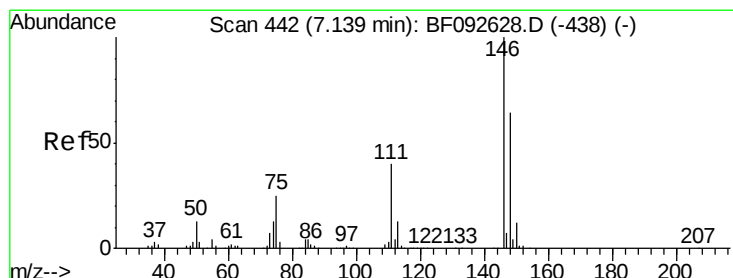
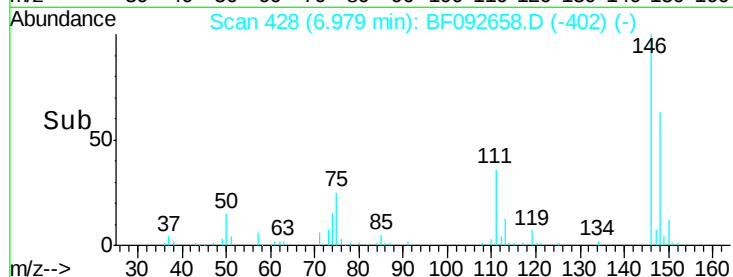
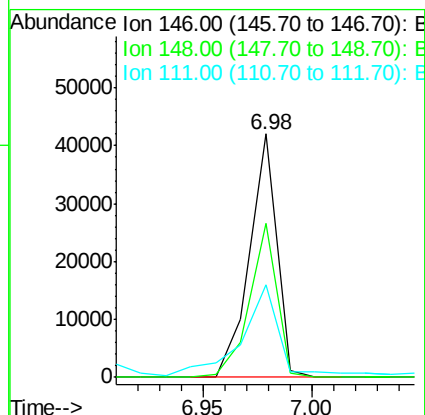
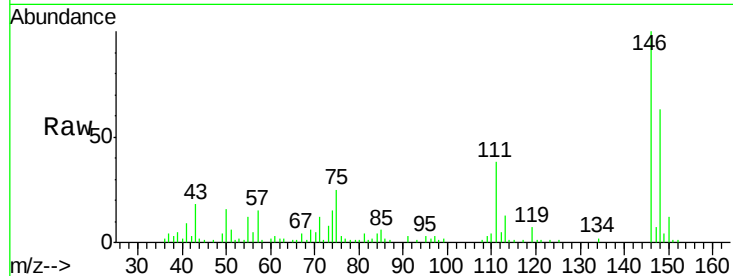




#13
 1,4-Dichlorobenzene
 Concen: 2.87 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF092658.D
 Acq: 31 Jan 2017 2:33

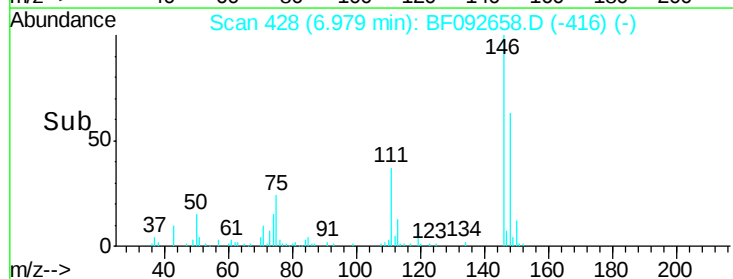
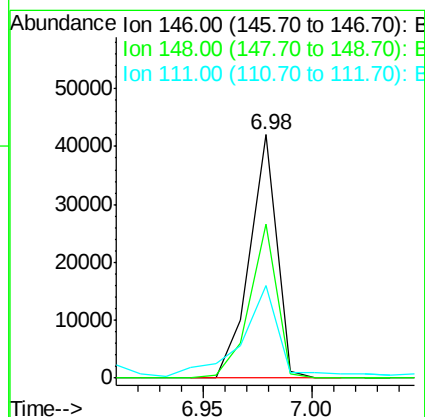
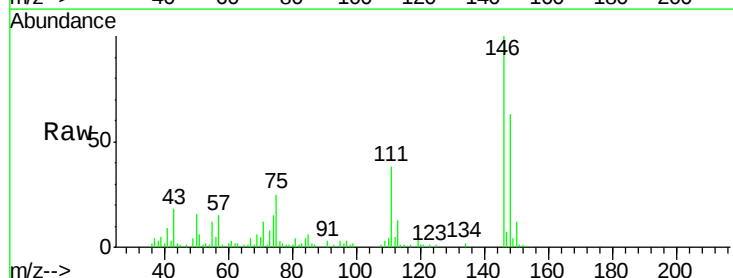
Instrument :
 BNA_F
 ClientSampleId :
 B2-6

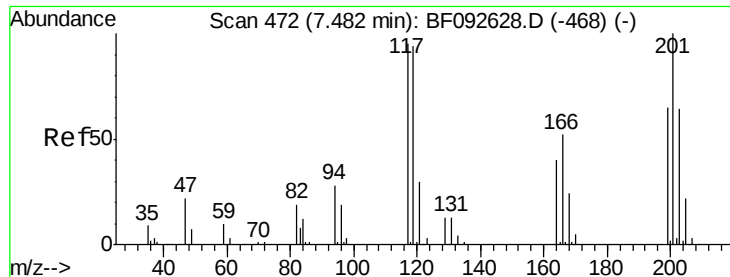
Tgt Ion:146 Resp: 36490
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 38.2 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 3.00 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.16 min
 Lab File: BF092658.D
 Acq: 31 Jan 2017 2:33

Tgt Ion:146 Resp: 36490
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 38.2 36.2 54.2

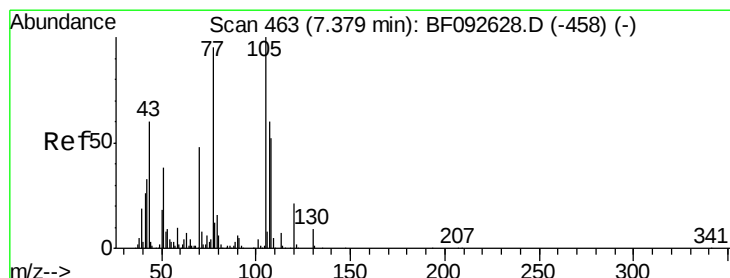
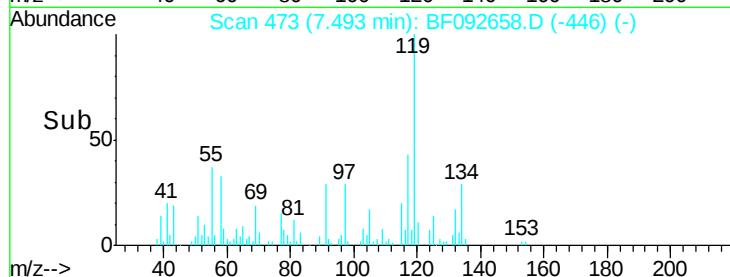
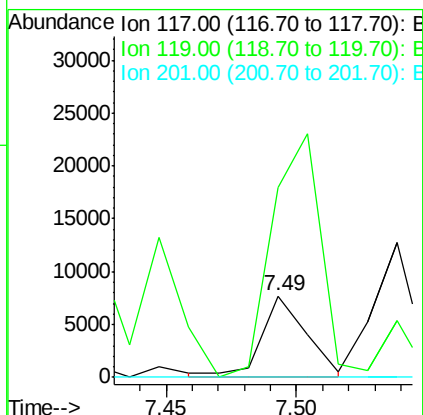
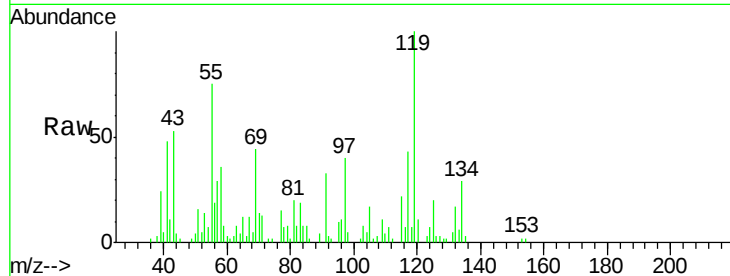




#18
Hexachloroethane
Concen: 2.15 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

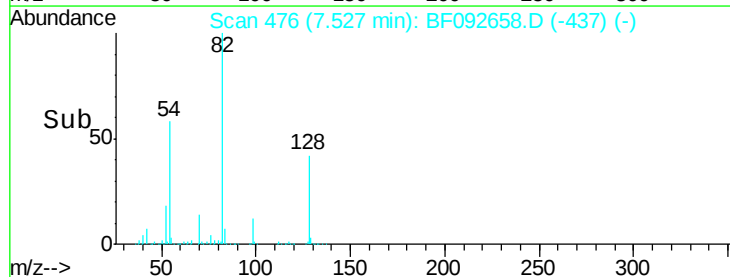
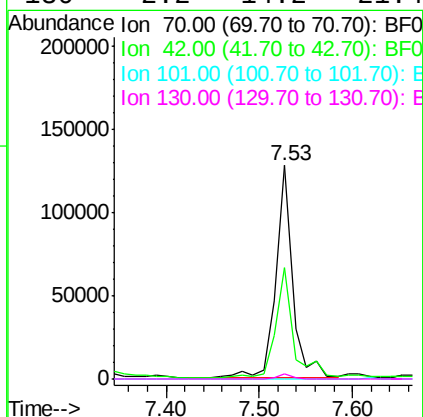
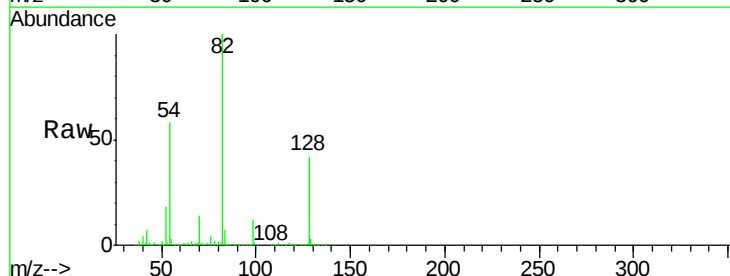
Instrument :
BNA_F
ClientSampled :
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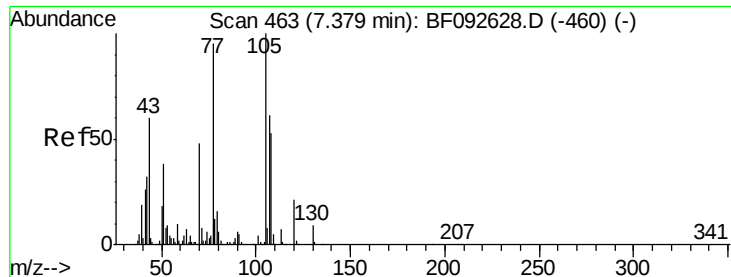
Tgt Ion: 117 Resp: 9325
Ion Ratio Lower Upper
117 100
119 233.6 78.1 117.1#
201 0.0 78.6 117.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.22 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.15 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Tgt Ion: 70 Resp: 160822
Ion Ratio Lower Upper
70 100
42 52.2 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#





#20

3+4-Methylphenols

Concen: 3.37 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

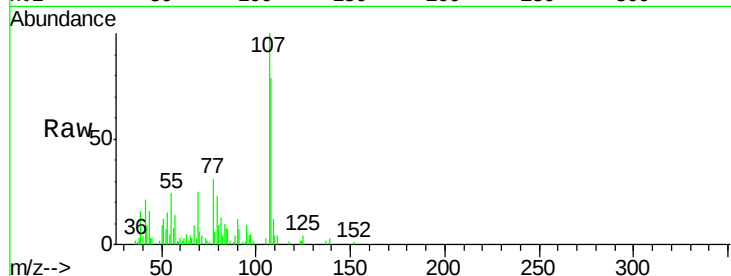
Instrument :

BNA_F

ClientSampleId :

B2-6

Tgt Ion:	107	Resp:	37004
Ion	Ratio	Lower	Upper
107	100		
108	79.3	73.0	113.0
77	30.6	71.3	111.3#
79	22.6	11.1	51.1



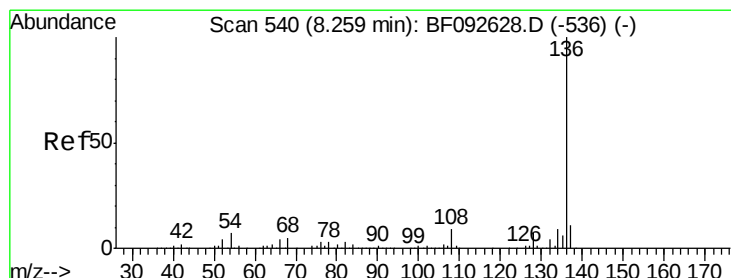
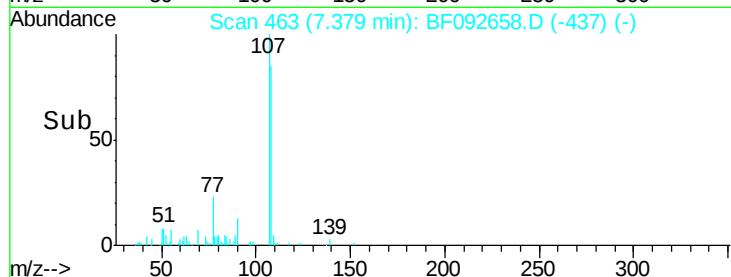
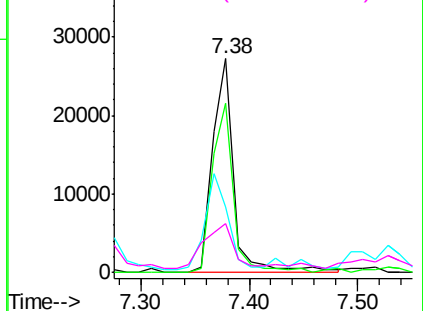
Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

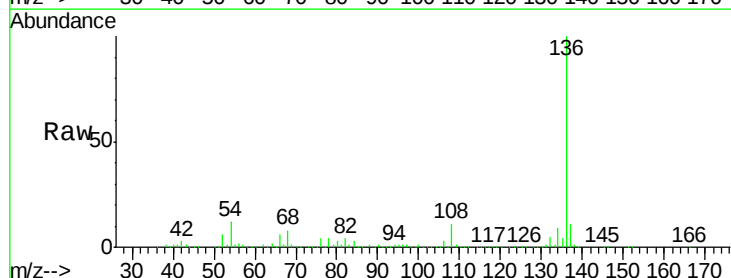
RT: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

Tgt Ion:	136	Resp:	639753
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.6	4.5	6.7#
68	8.0	3.6	5.4#



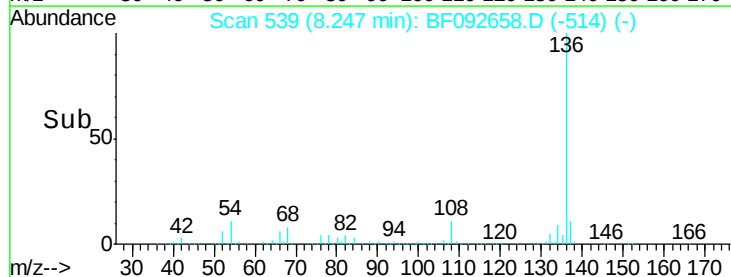
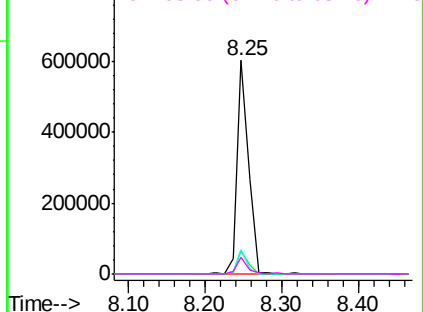
Abundance

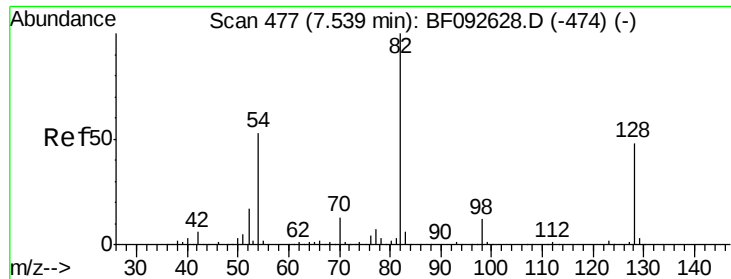
Ion 136.00 (135.70 to 136.70): E

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

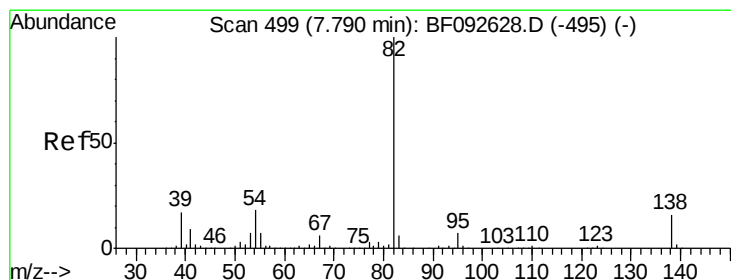
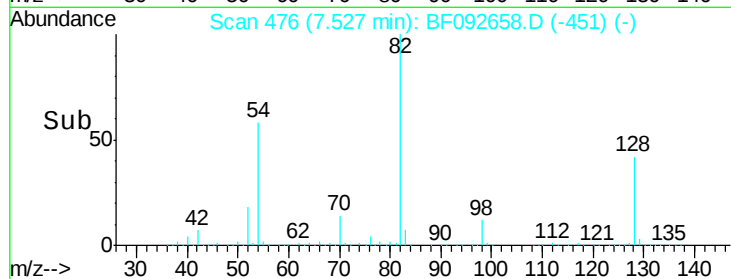
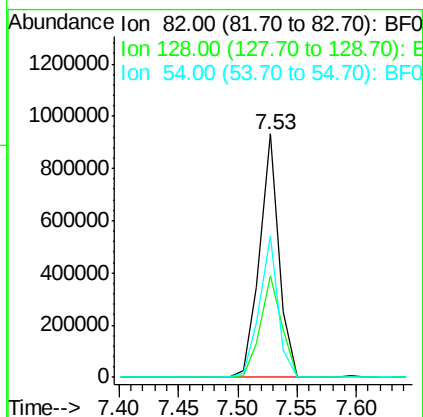
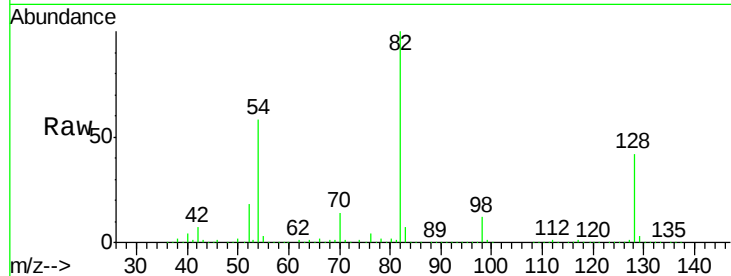




#23
 Nitrobenzene-d5
 Concen: 93.22 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092658.D
 Acq: 31 Jan 2017 2:33

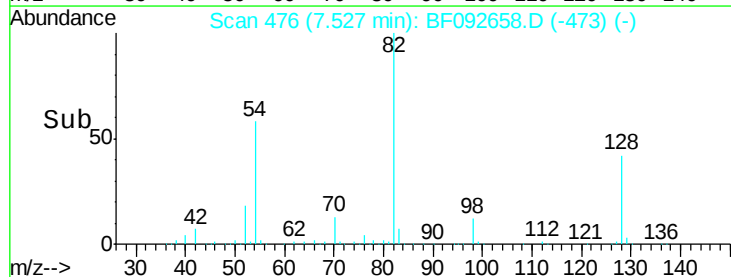
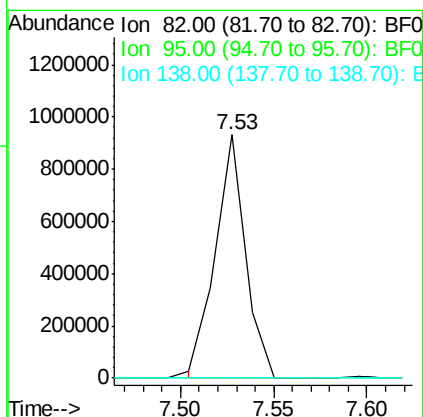
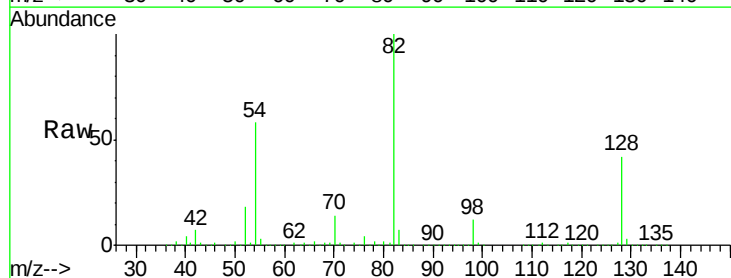
Instrument :
 BNA_F
 ClientSampled :
 B2-6

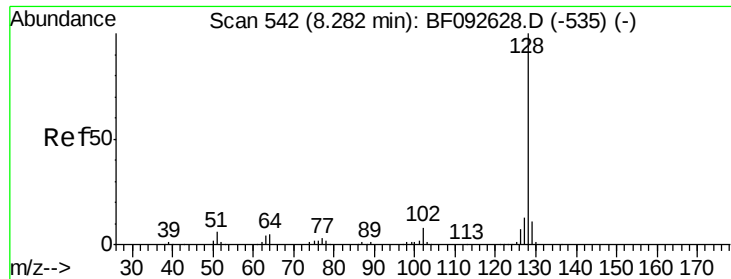
Tgt Ion: 82 Resp: 1070973
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 52.0
 54 57.8 39.5 59.3



#25
 Isophorone
 Concen: 48.94 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.26 min
 Lab File: BF092658.D
 Acq: 31 Jan 2017 2:33

Tgt Ion: 82 Resp: 1047643
 Ion Ratio Lower Upper
 82 100
 95 0.2 5.6 8.4#
 138 0.0 14.6 22.0#

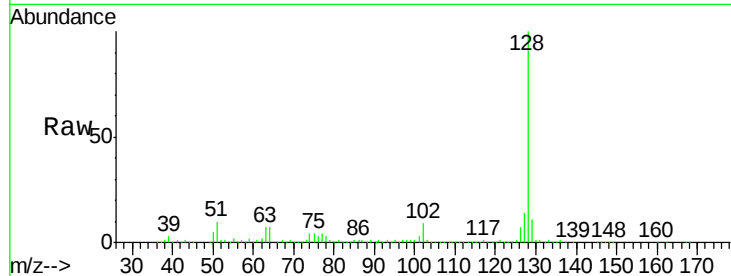




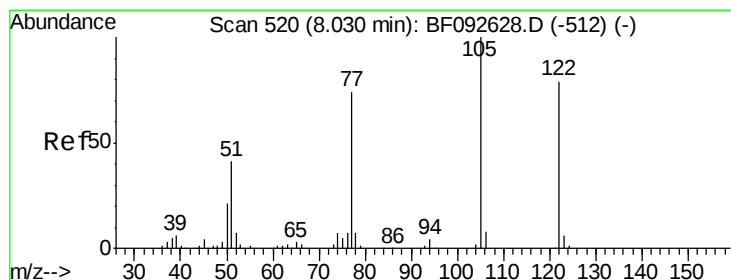
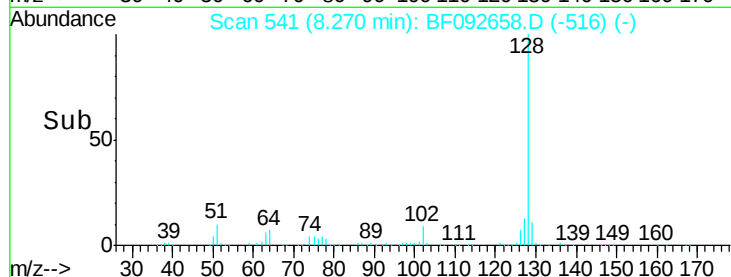
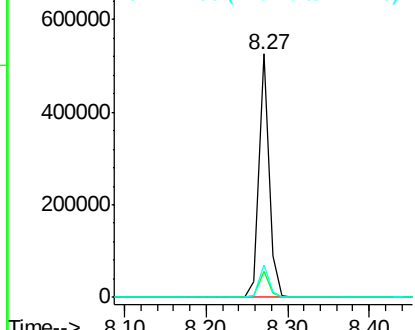
#31
Naphthalene
Concen: 14.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Instrument :
BNA_F
ClientSampleId :
B2-6

Tgt Ion:128 Resp: 453961
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 13.5 10.8 16.2

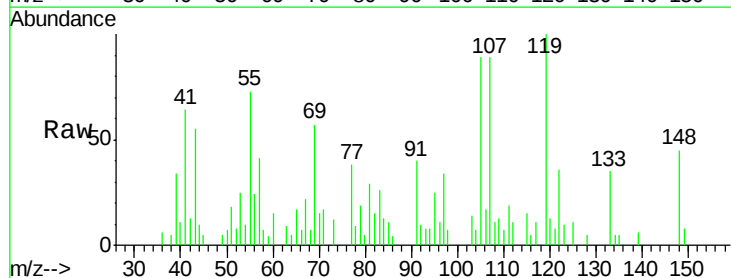


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

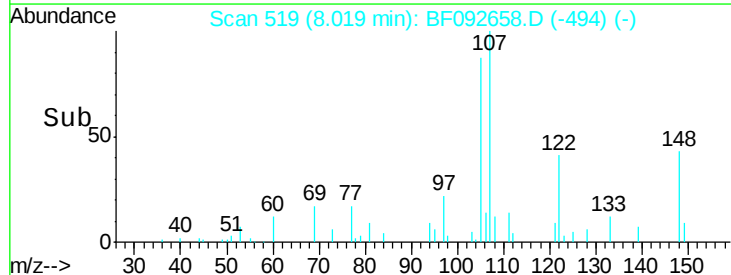
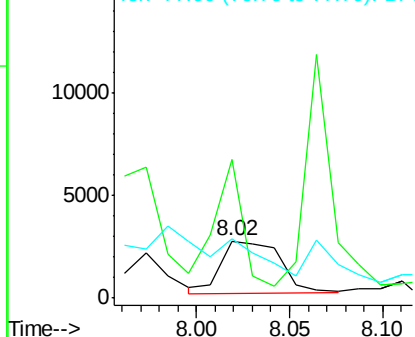


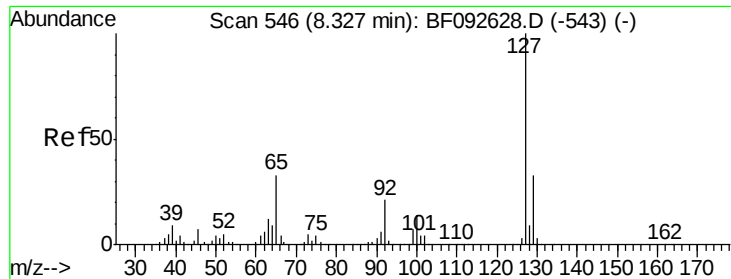
#32
Benzoic acid
Concen: 8.04 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Tgt Ion:122 Resp: 5710
Ion Ratio Lower Upper
122 100
105 244.1 107.2 147.2#
77 103.5 74.5 114.5



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

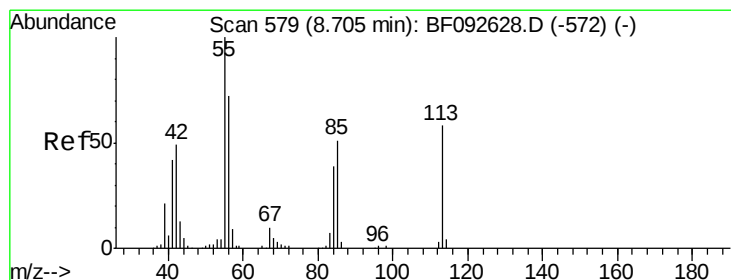
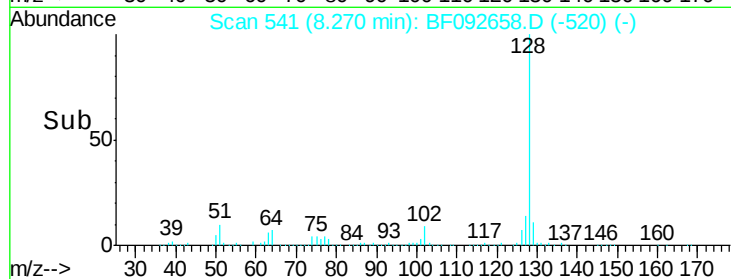
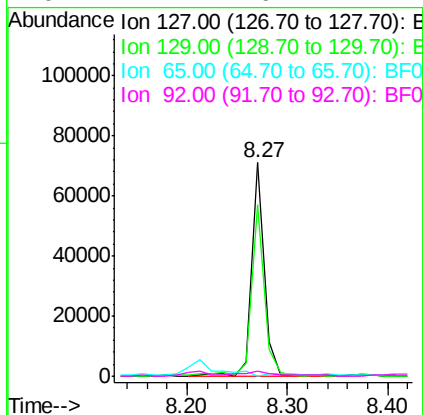
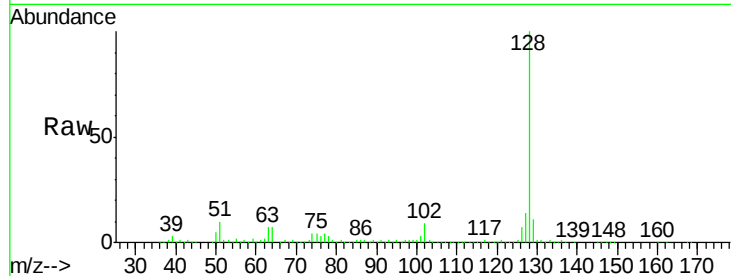




#33
4-Chloroaniline
Concen: 4.97 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

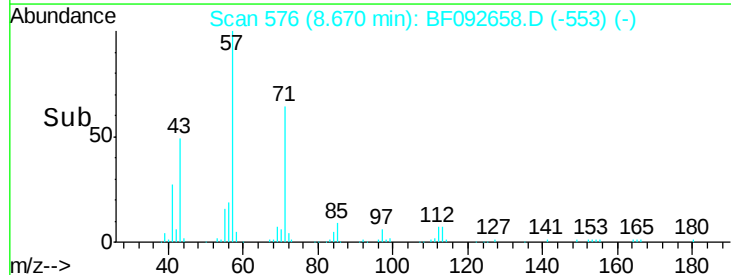
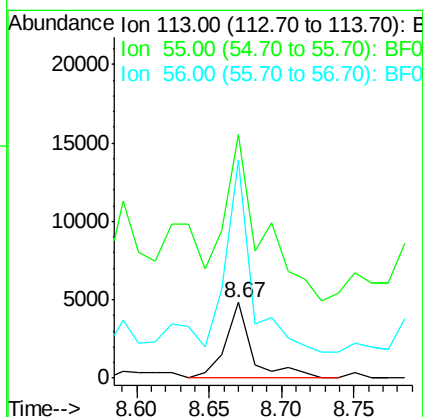
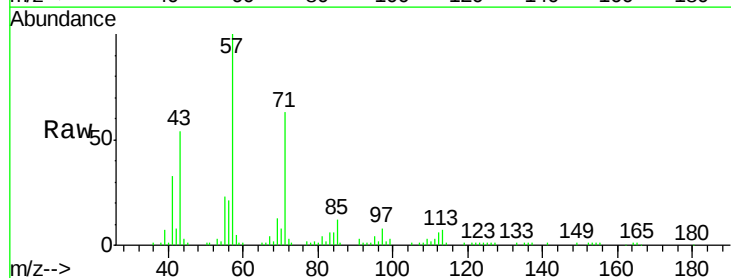
Instrument :
BNA_F
ClientSampled :
B2-6

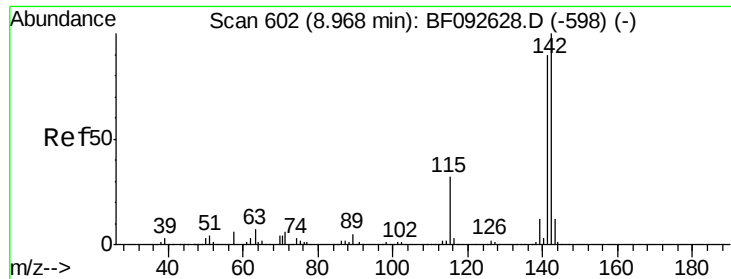
Tgt Ion:	127	Resp:	63195
Ion	Ratio	Lower	Upper
127	100		
129	80.6	26.3	39.5#
65	0.0	25.8	38.8#
92	2.2	16.1	24.1#



#35
Caprolactam
Concen: 2.13 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Tgt Ion:	113	Resp:	6163
Ion	Ratio	Lower	Upper
113	100		
55	321.6	119.2	159.2#
56	287.6	83.8	123.8#

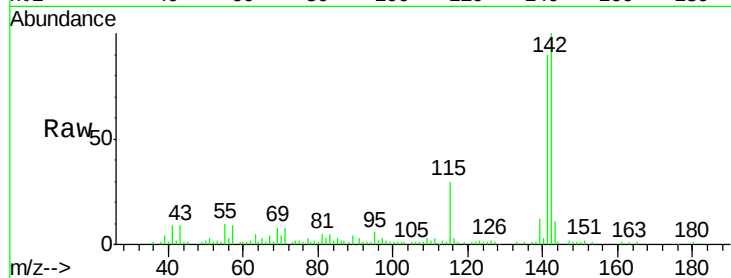




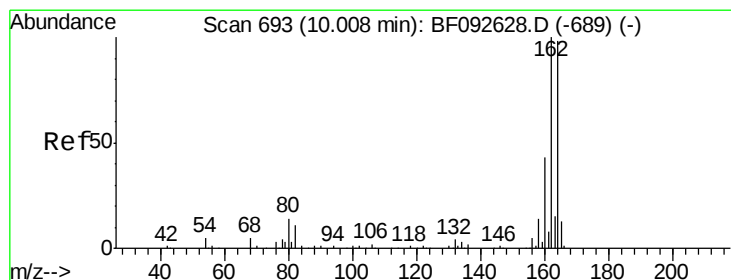
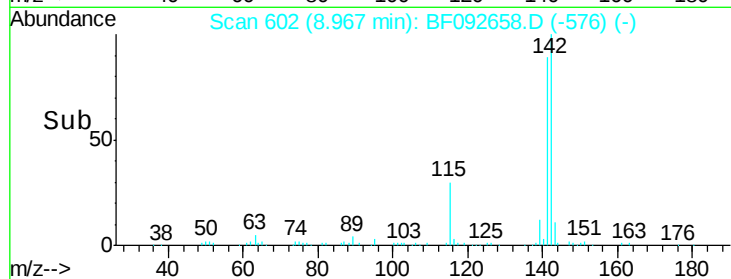
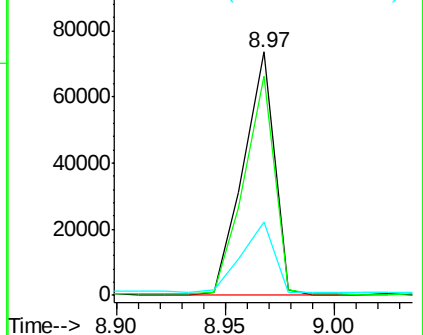
#37
2-Methylnaphthalene
Concen: 3.52 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Instrument :
BNA_F
ClientSampleId :
B2-6

Tgt Ion:142 Resp: 73277
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 30.0 28.3 42.5

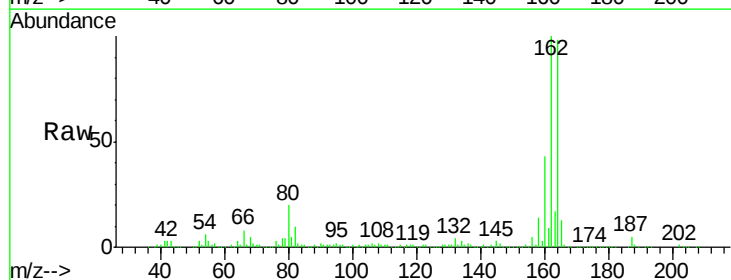


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

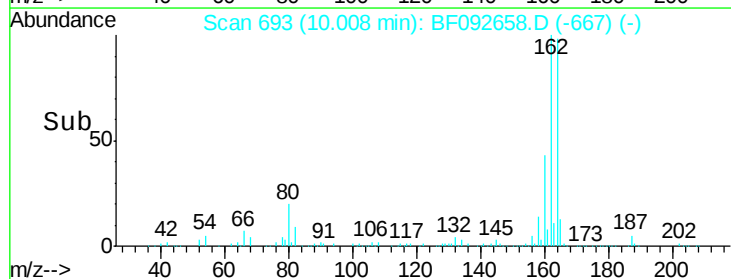
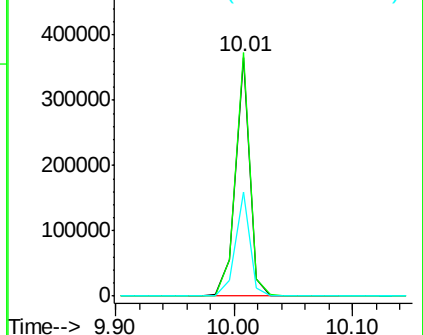


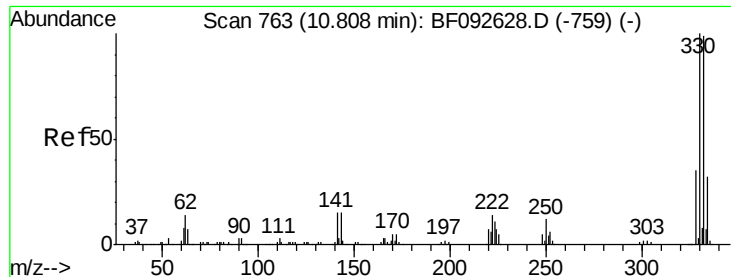
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Tgt Ion:164 Resp: 312957
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 43.7 36.9 55.3



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

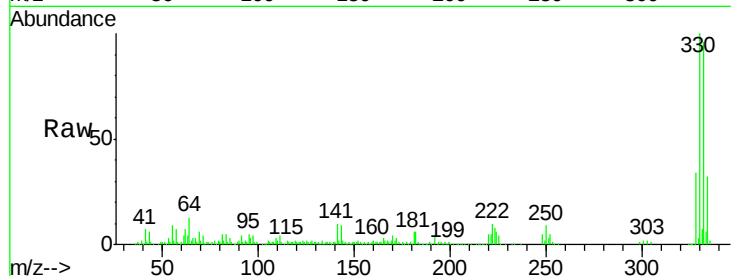




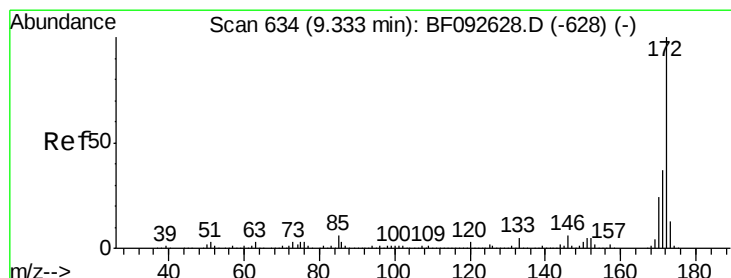
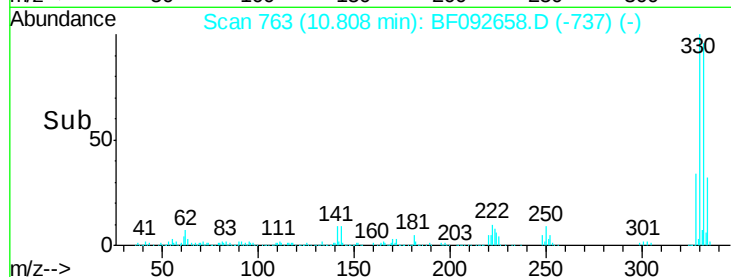
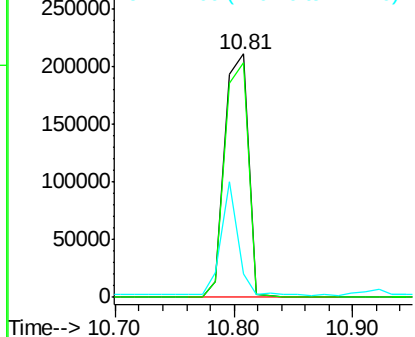
#41
 2,4,6-Tribromophenol
 Concen: 128.19 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092658.D
 Acq: 31 Jan 2017 2:33

Instrument :
 BNA_F
 ClientSampleId :
 B2-6

Tgt Ion:330 Resp: 290169
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 33.7 34.1 51.1#

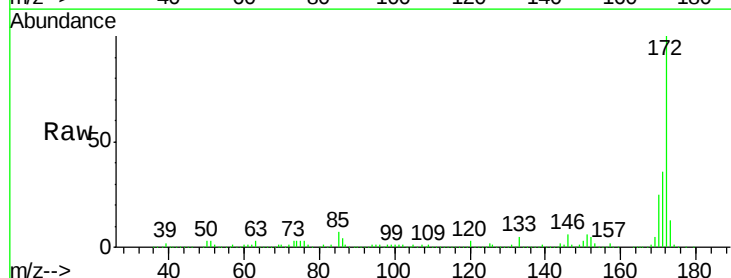


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

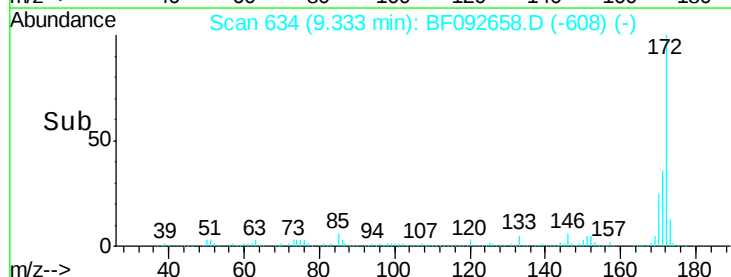
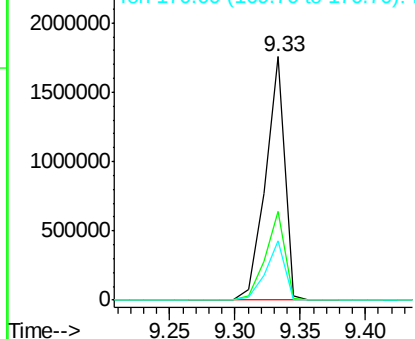


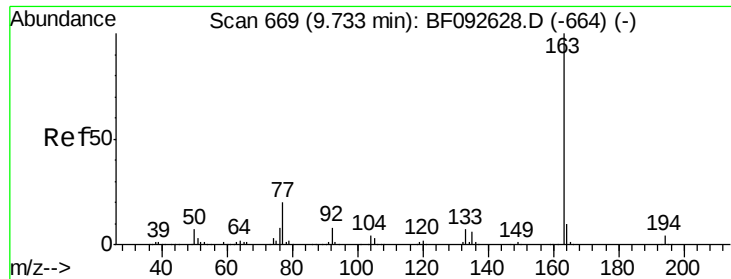
#44
 2-Fluorobiphenyl
 Concen: 104.72 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092658.D
 Acq: 31 Jan 2017 2:33

Tgt Ion:172 Resp: 1809062
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 20.2 30.4



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

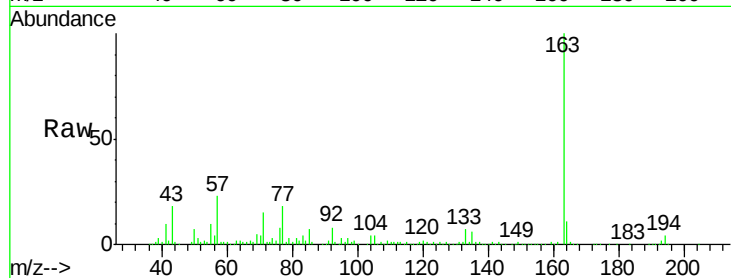




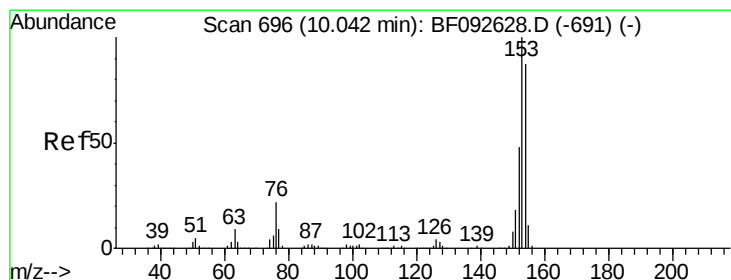
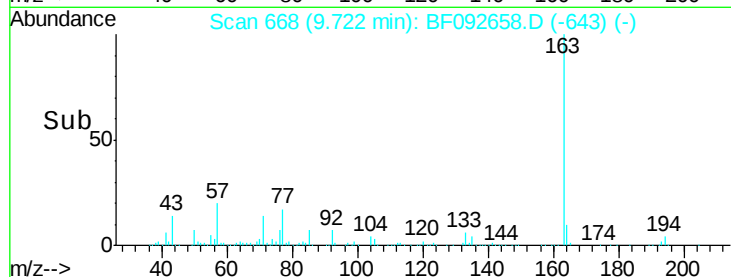
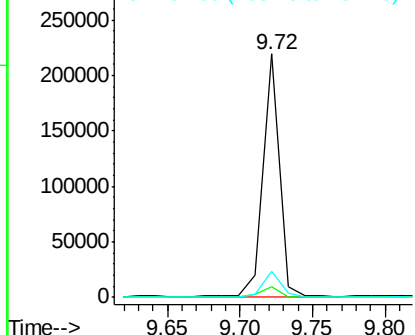
#49
Dimethylphthalate
Concen: 8.11 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Instrument :
BNA_F
ClientSampleId :
B2-6

Tgt Ion:163 Resp: 171057
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.5 8.0 12.0

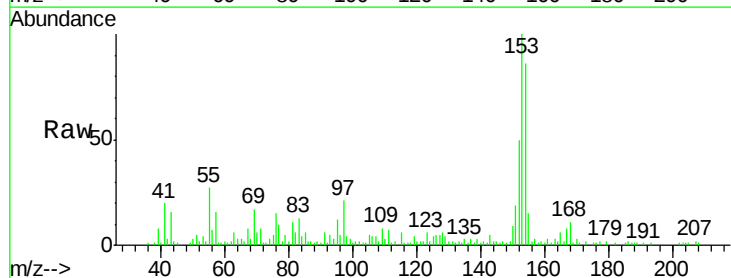


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

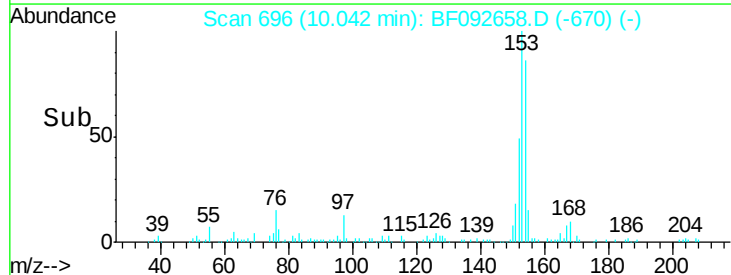
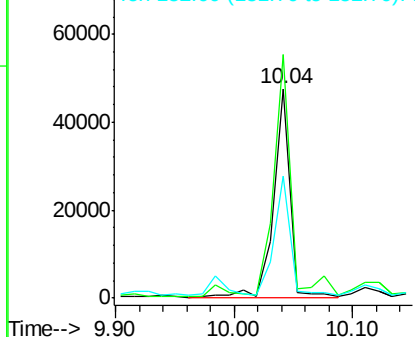


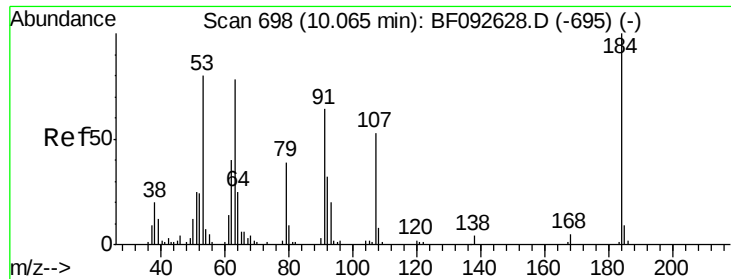
#51
Acenaphthene
Concen: 2.54 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Tgt Ion:154 Resp: 46573
Ion Ratio Lower Upper
154 100
153 116.3 88.6 133.0
152 58.0 41.6 62.4



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

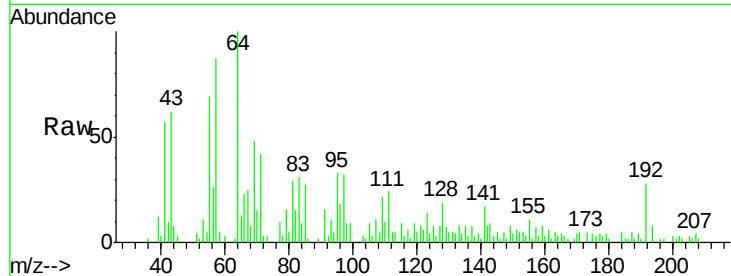




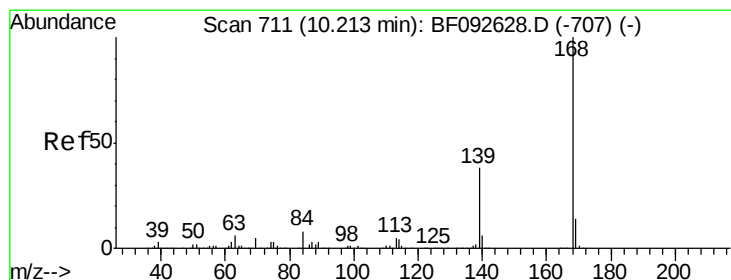
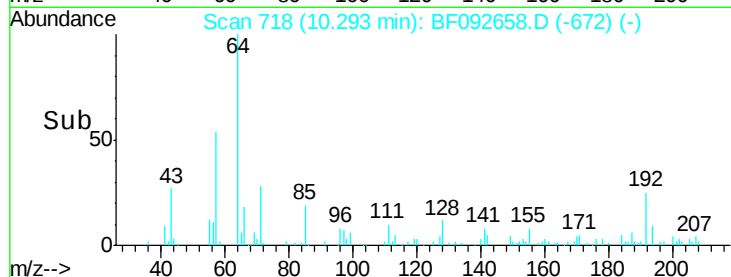
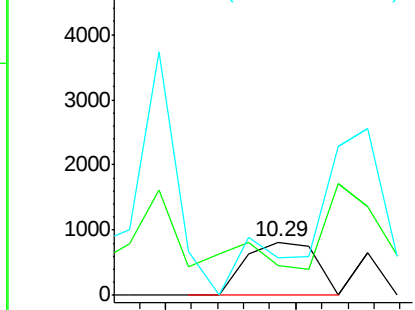
#53
2,4-Dinitrophenol
Concen: 5.35 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.23 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Instrument :
BNA_F
ClientSampled :
B2-6

Tgt Ion:184 Resp: 1522
Ion Ratio Lower Upper
184 100
63 55.1 28.4 42.6#
154 71.5 44.3 66.5#

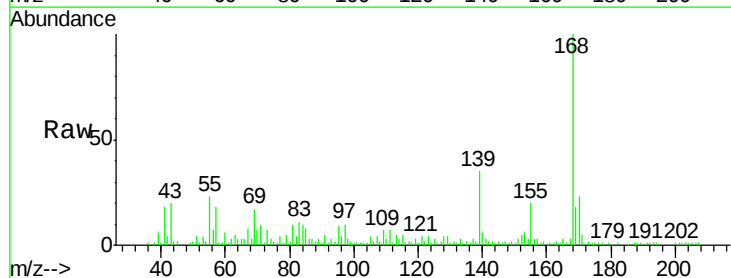


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

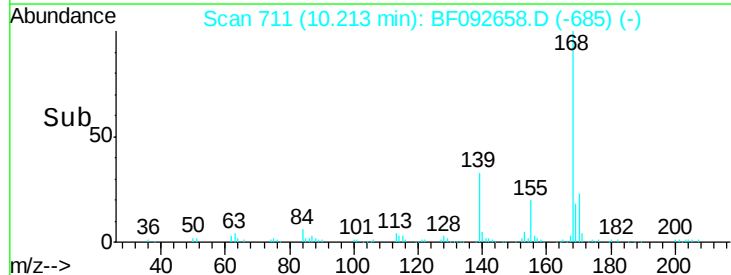
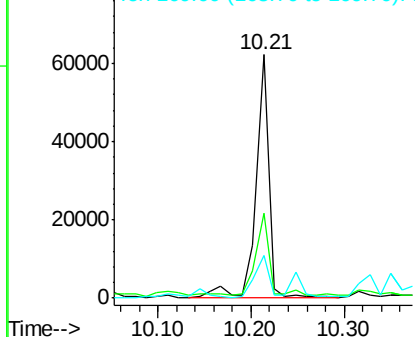


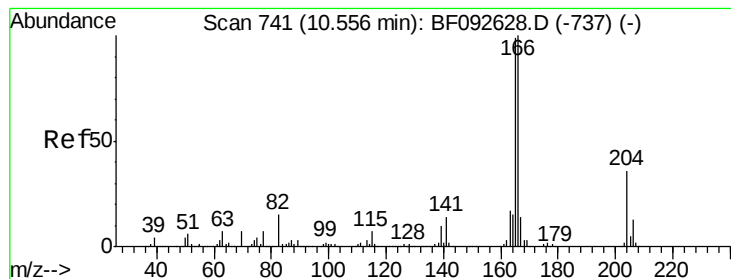
#54
Dibenzofuran
Concen: 2.44 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Tgt Ion:168 Resp: 59748
Ion Ratio Lower Upper
168 100
139 34.8 32.6 49.0
169 17.8 11.3 16.9#



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





#57

Fluorene

Concen: 3.90 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

Instrument :

BNA_F

ClientSampled :

B2-6

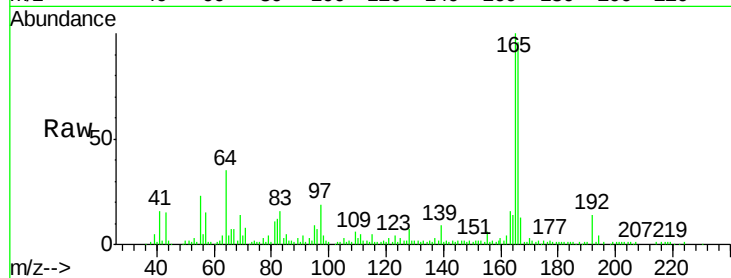
Tgt Ion:166 Resp: 73525

Ion Ratio Lower Upper

166 100

165 104.3 77.8 116.8

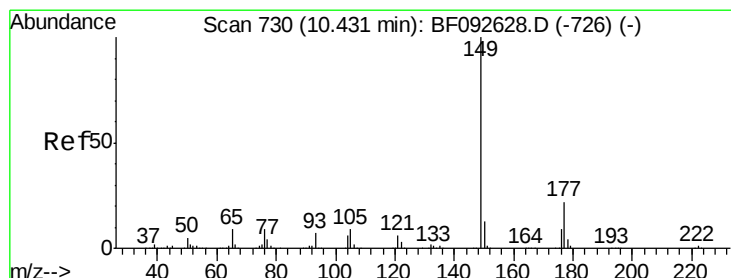
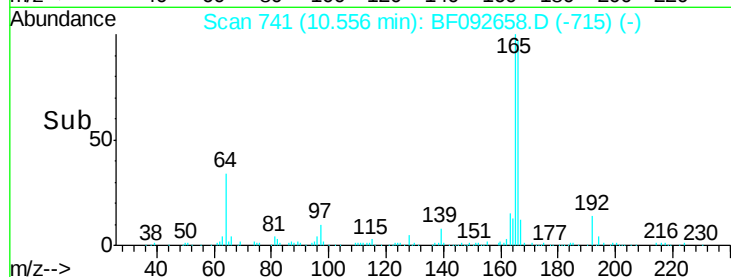
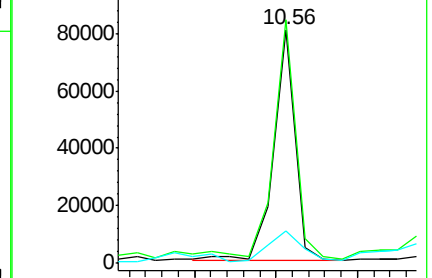
167 13.8 10.8 16.2



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



#59

Diethylphthalate

Concen: 12.47 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

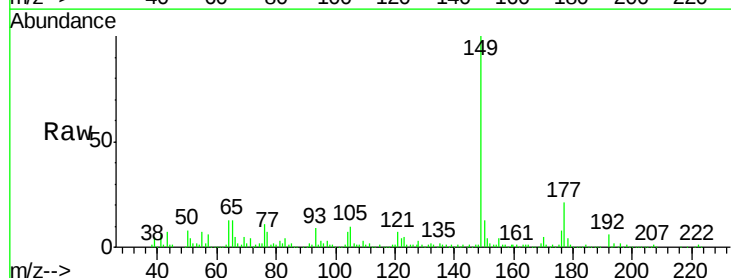
Tgt Ion:149 Resp: 247800

Ion Ratio Lower Upper

149 100

177 20.7 16.6 25.0

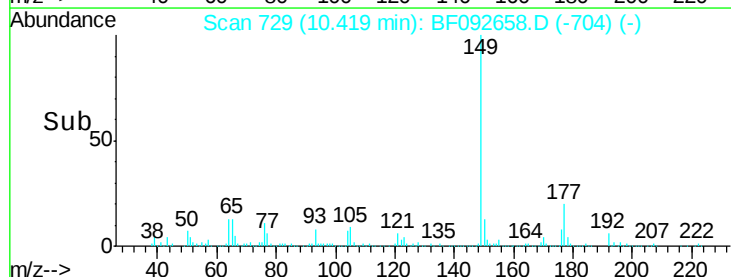
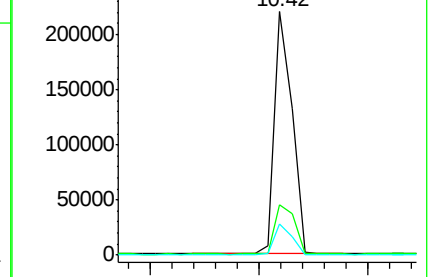
150 12.6 10.4 15.6

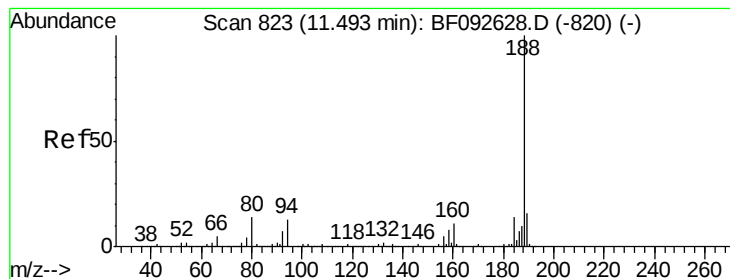


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

Instrument :

BNA_F

ClientSampleId :

B2-6

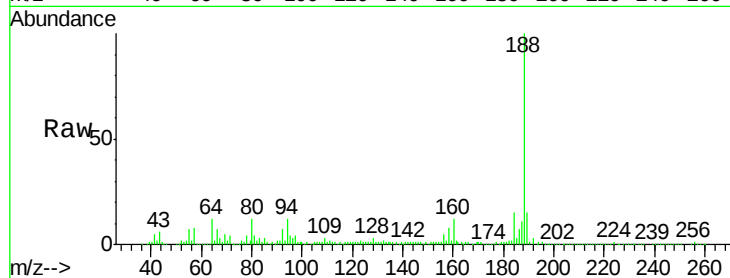
Tgt Ion:188 Resp: 381826

Ion Ratio Lower Upper

188 100

94 11.6 10.0 15.0

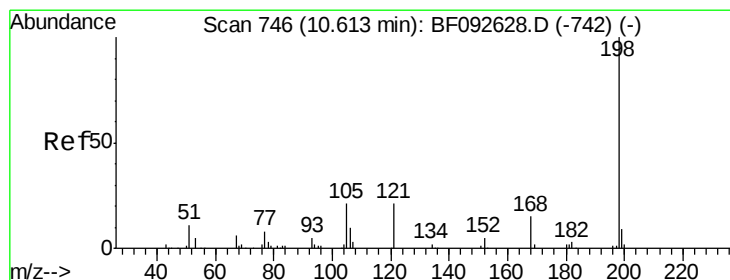
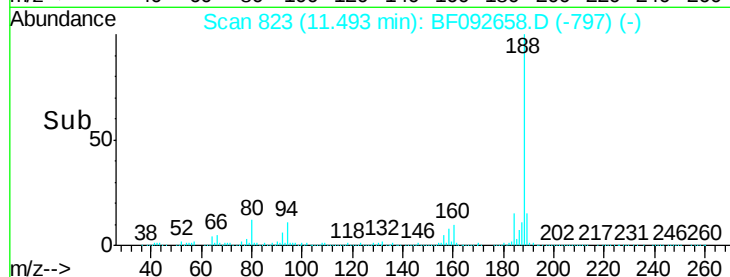
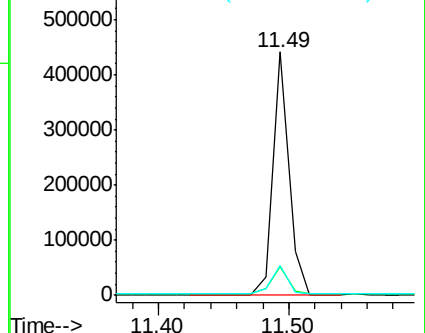
80 12.1 11.2 16.8



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: 7.33 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.17 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

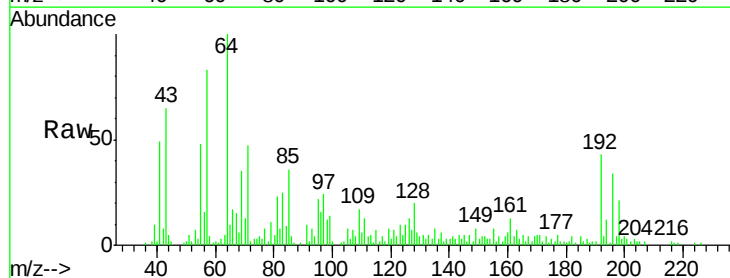
Tgt Ion:198 Resp: 11479

Ion Ratio Lower Upper

198 100

51 22.1 6.7 46.7

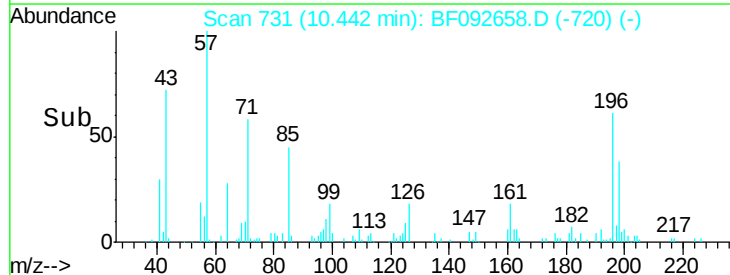
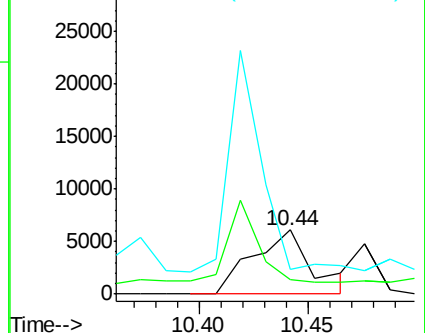
105 38.7 16.6 56.6

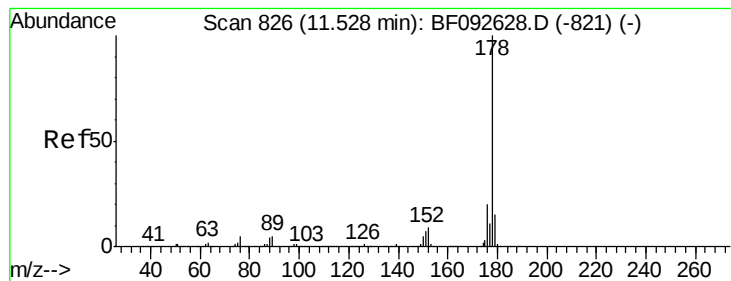


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#70

Phenanthrene

Concen: 27.88 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

Instrument :

BNA_F

ClientSampleId :

B2-6

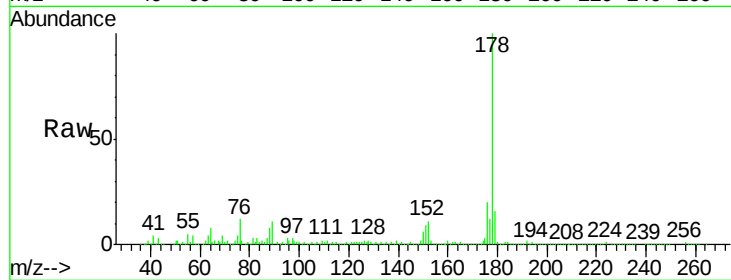
Tgt Ion:178 Resp: 609960

Ion Ratio Lower Upper

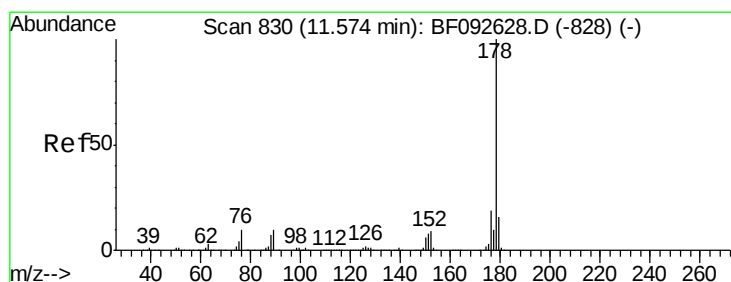
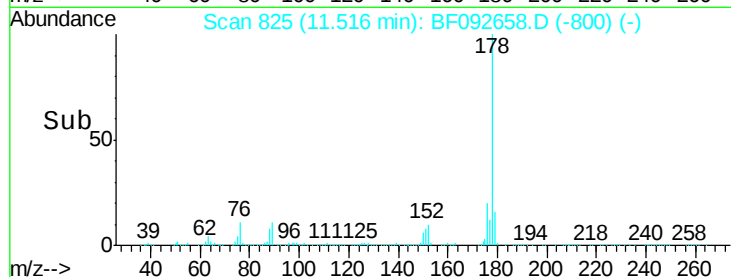
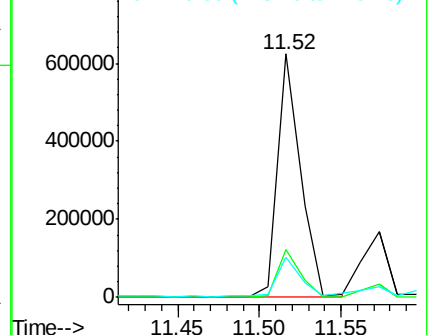
178 100

176 19.7 16.6 25.0

179 16.2 12.8 19.2



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: 7.72 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

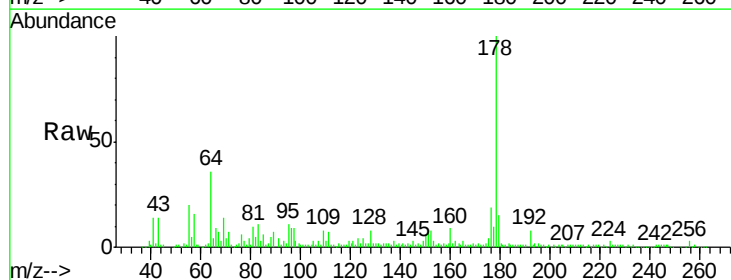
Tgt Ion:178 Resp: 169643

Ion Ratio Lower Upper

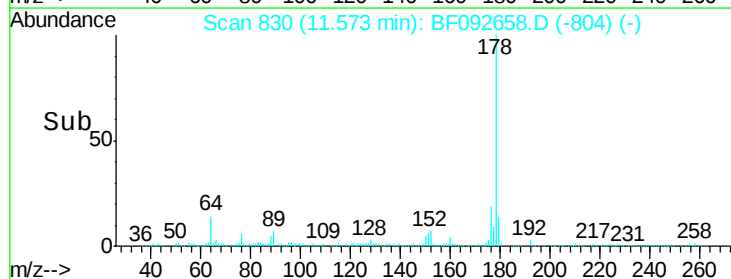
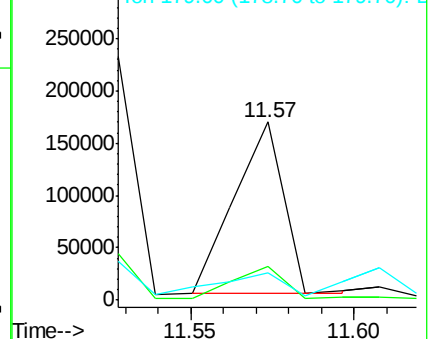
178 100

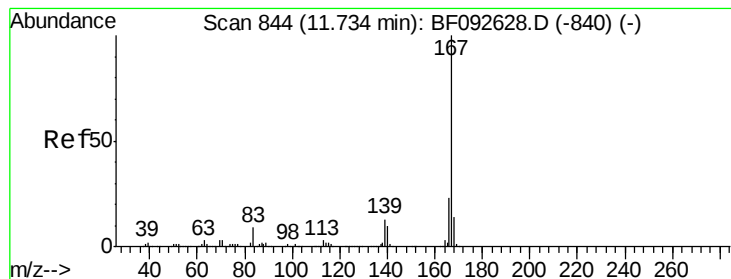
176 19.2 15.9 23.9

179 15.4 13.2 19.8



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: 2.09 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

Instrument :

BNA_F

ClientSampleId :

B2-6

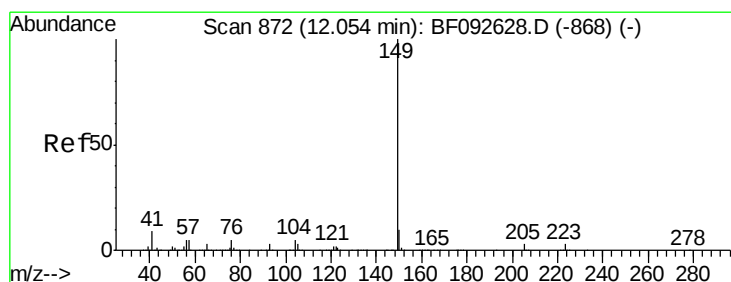
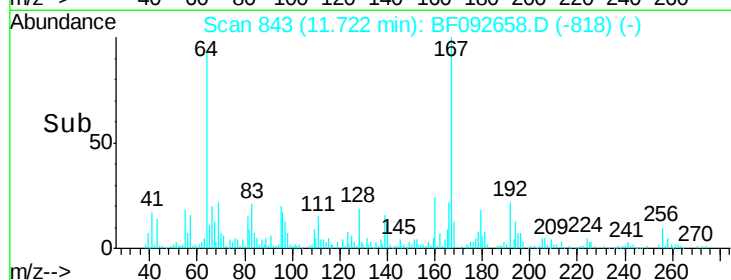
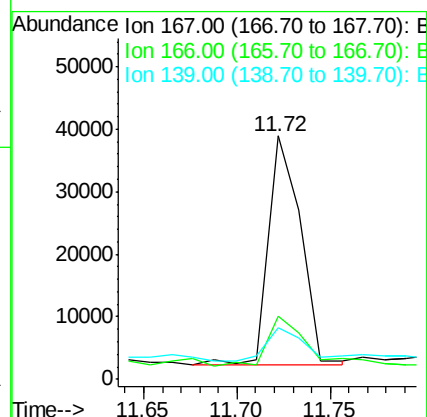
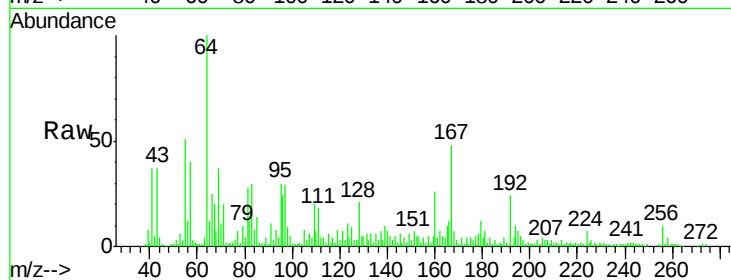
Tgt Ion:167 Resp: 43805

Ion Ratio Lower Upper

167 100

166 26.1 18.2 27.2

139 21.0 11.4 17.2#



#73

Di-n-butylphthalate

Concen: 21.08 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

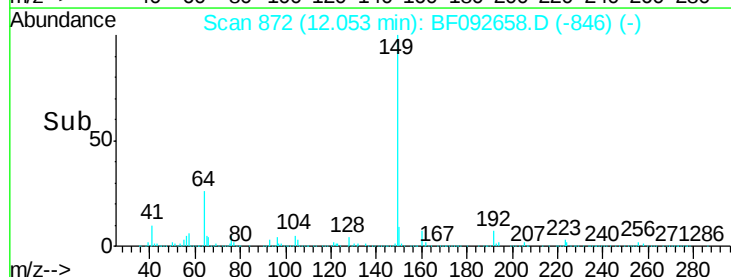
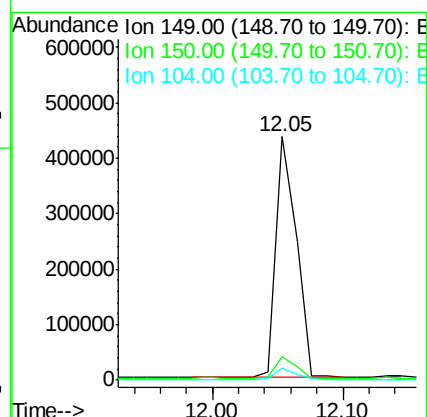
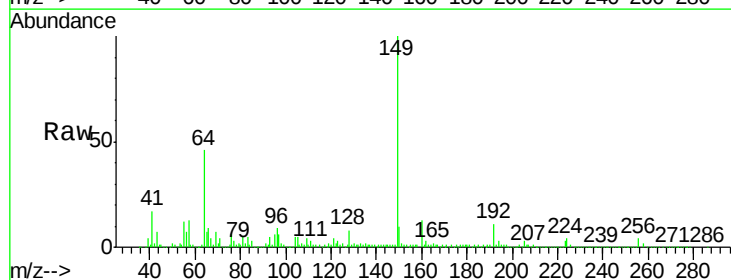
Tgt Ion:149 Resp: 478638

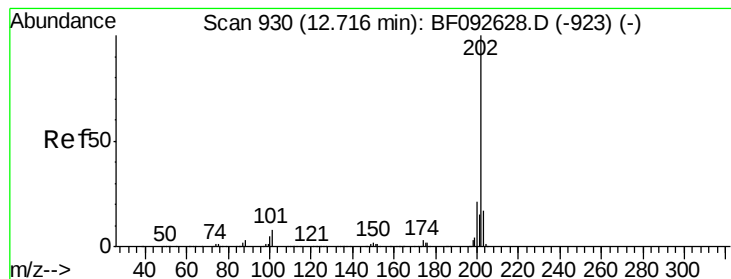
Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

104 5.0 4.6 7.0





#74

Fluoranthene

Concen: 41.66 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

Instrument :

BNA_F

ClientSampleId :

B2-6

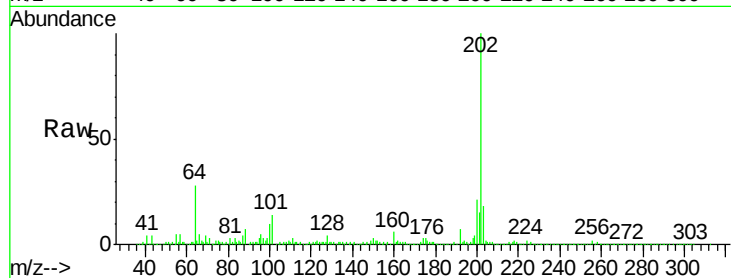
Tgt Ion:202 Resp: 940103

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.6

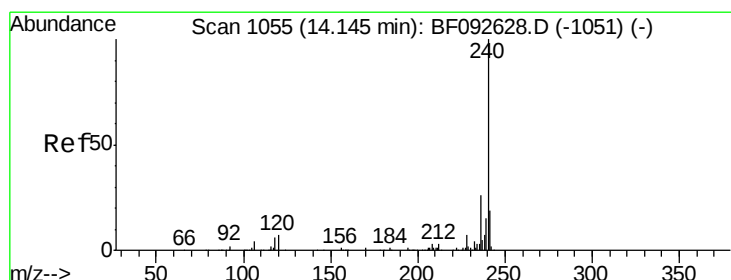
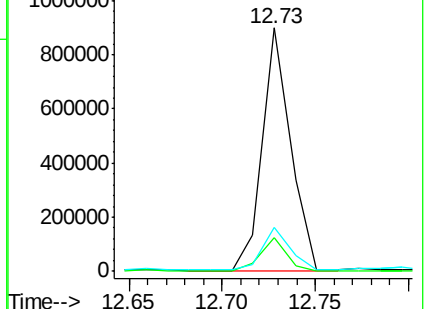
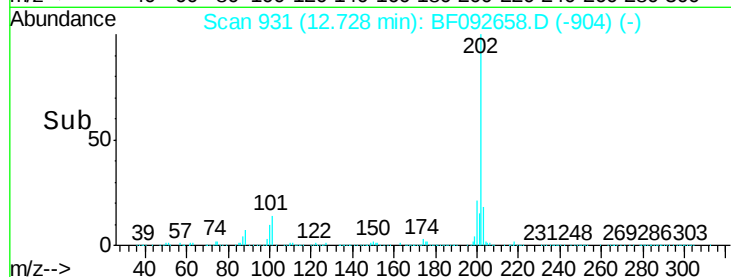
203 17.9 0.0 38.7



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: 14.15 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

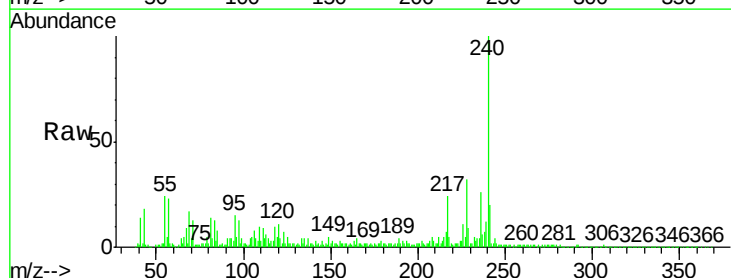
Tgt Ion:240 Resp: 280042

Ion Ratio Lower Upper

240 100

120 11.3 12.9 19.3#

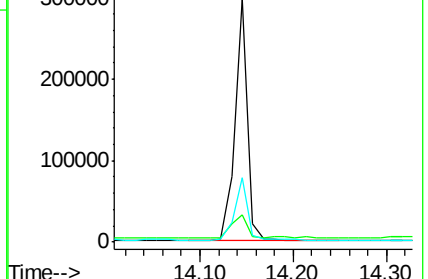
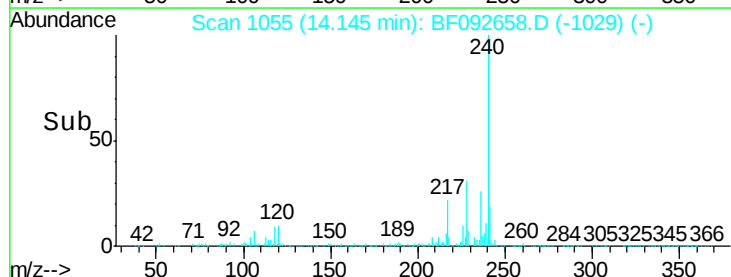
236 26.4 20.9 31.3

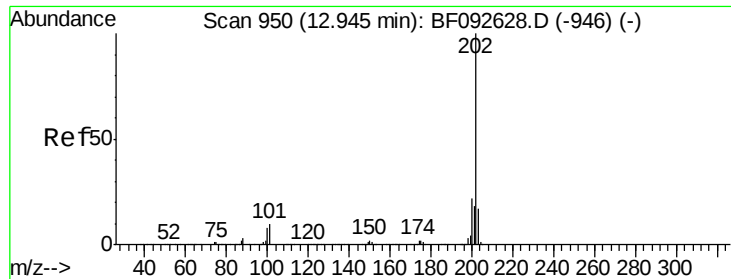


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 44.95 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

Instrument :

BNA_F

ClientSampled :

B2-6

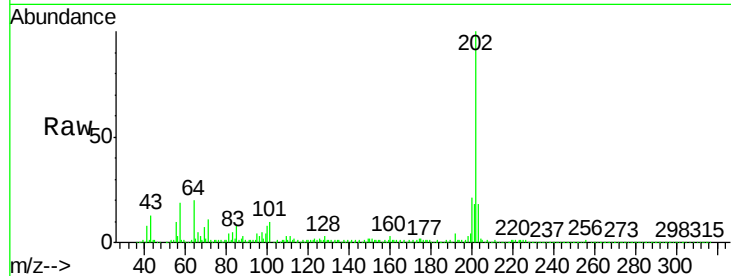
Tgt Ion:202 Resp: 942043

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

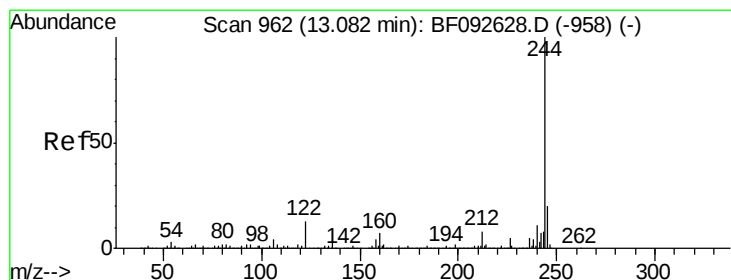
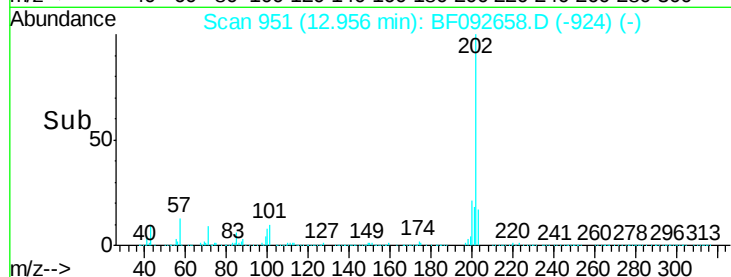
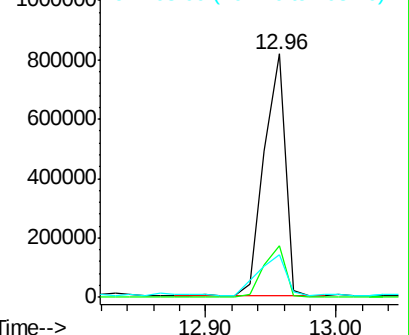
203 17.7 14.7 22.1



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: 81.39 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092658.D

Acq: 31 Jan 2017 2:33

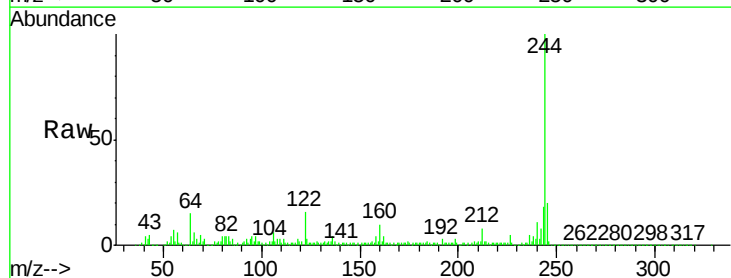
Tgt Ion:244 Resp: 970043

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

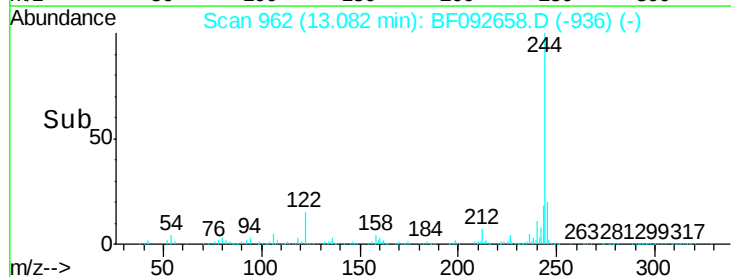
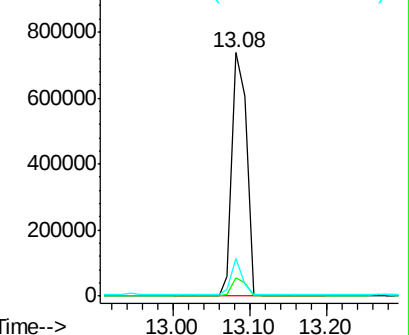
122 15.6 11.4 17.2

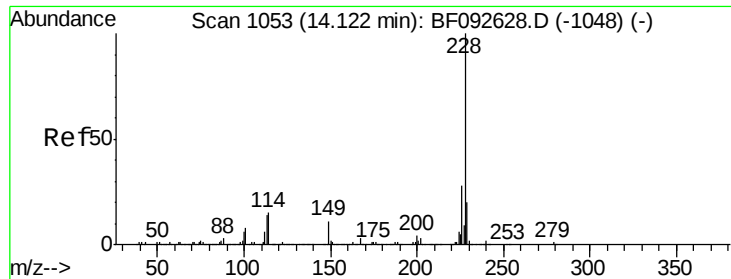


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

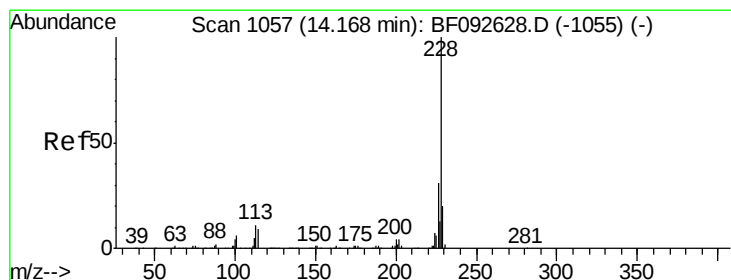
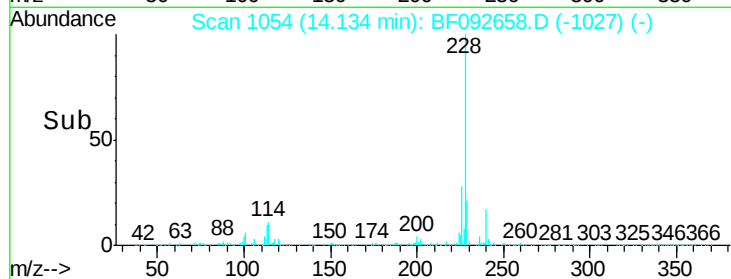
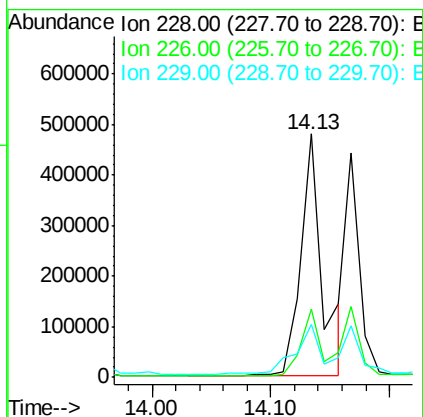
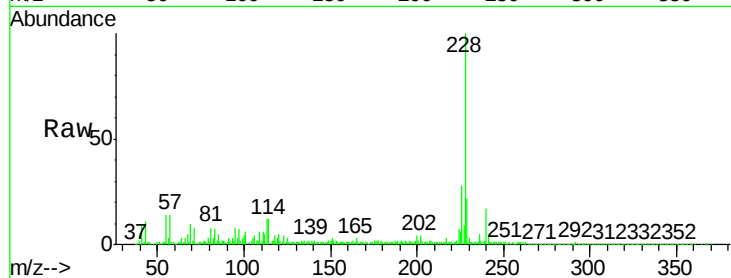




#80
Benzo(a)anthracene
Concen: 35.59 ng
RT: 14.13 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

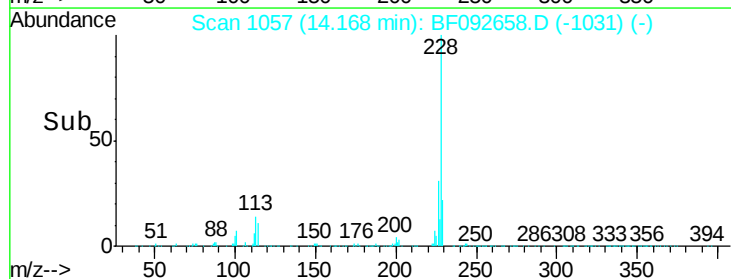
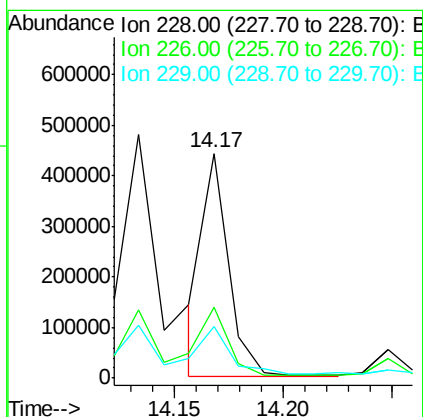
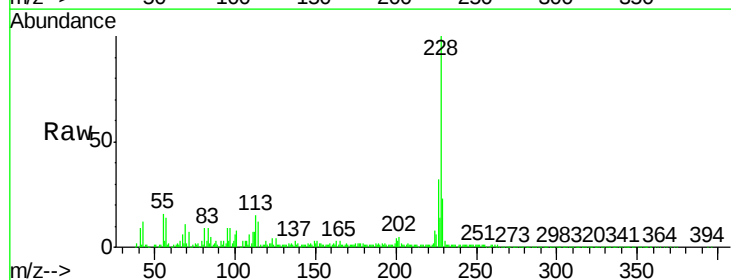
Instrument :
BNA_F
ClientSampleId :
B2-6

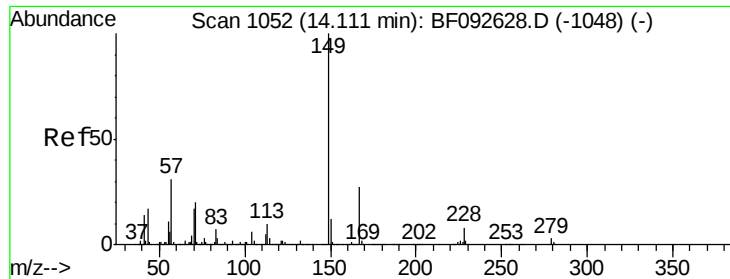
Tgt Ion:228 Resp: 609505
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 21.7 16.2 24.4



#82
Chrysene
Concen: 22.76 ng
RT: 14.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Tgt Ion:228 Resp: 364933
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.0
229 23.3 16.2 24.2

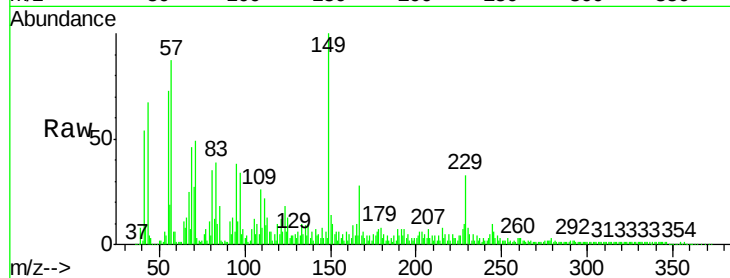




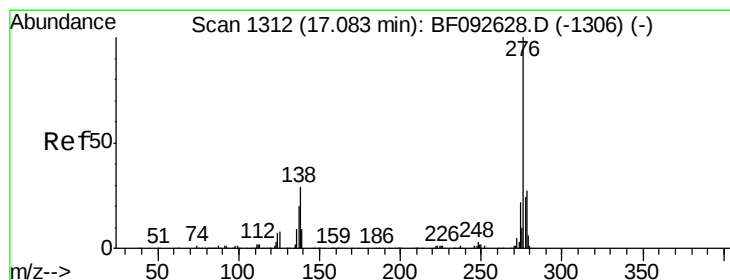
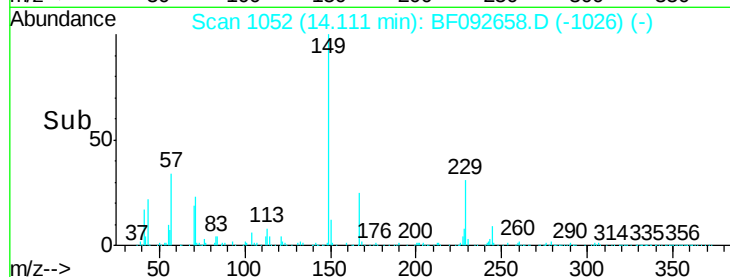
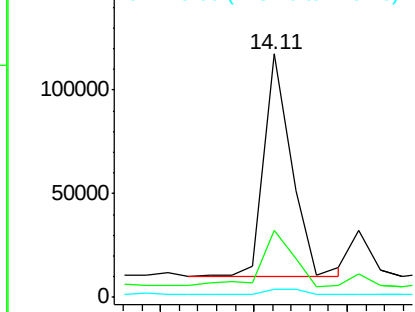
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.49 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF092658.D
 Acq: 31 Jan 2017 2:33

Instrument :
 BNA_F
 ClientSampleId :
 B2-6

Tgt Ion:149 Resp: 110427
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.2 30.4
 279 3.4 1.8 2.8#

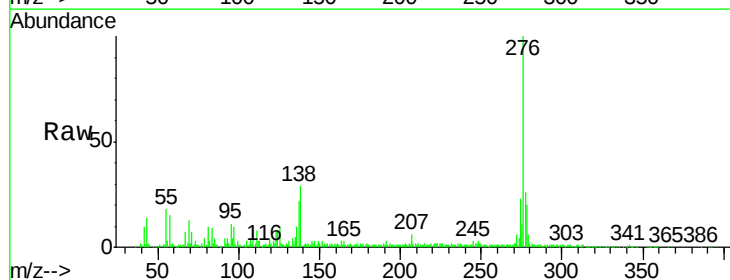


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

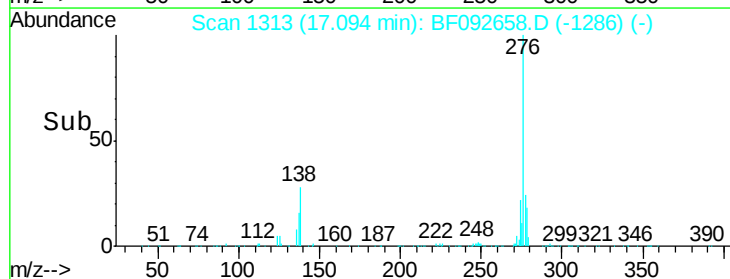
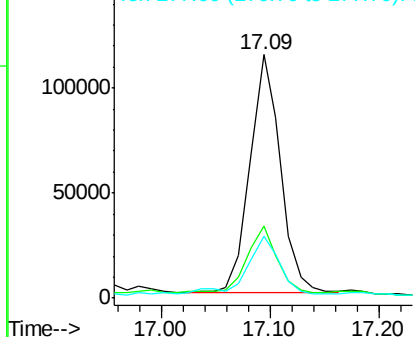


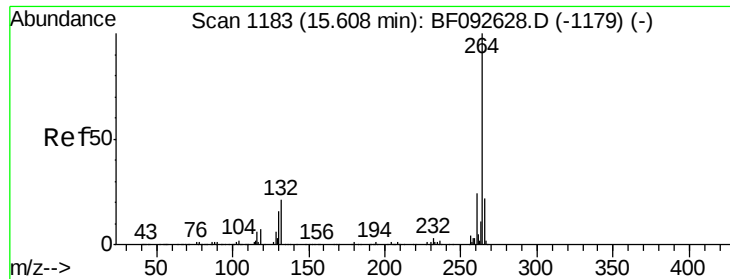
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.95 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF092658.D
 Acq: 31 Jan 2017 2:33

Tgt Ion:276 Resp: 222950
 Ion Ratio Lower Upper
 276 100
 138 26.5 21.8 32.6
 277 27.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

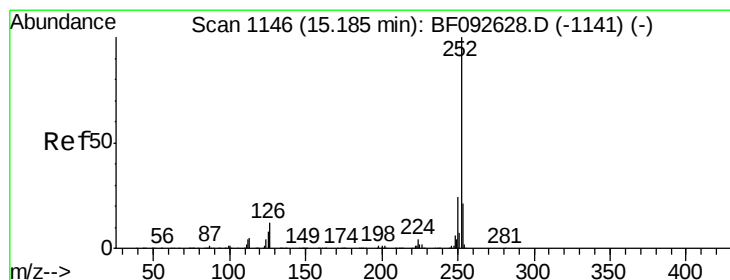
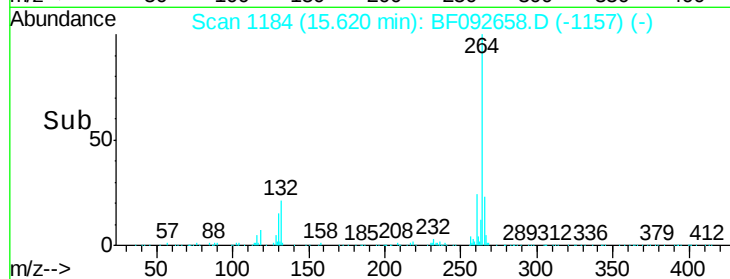
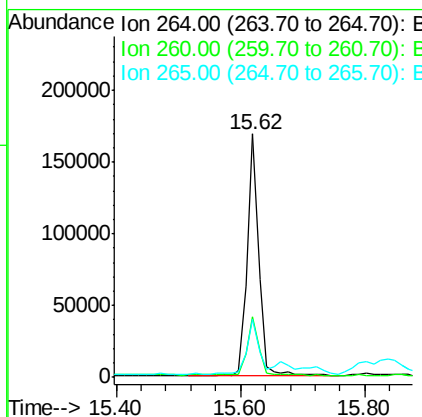
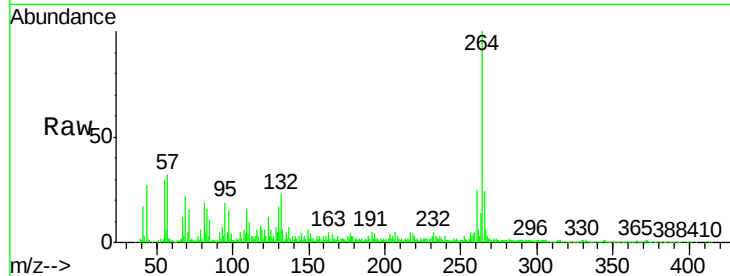




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

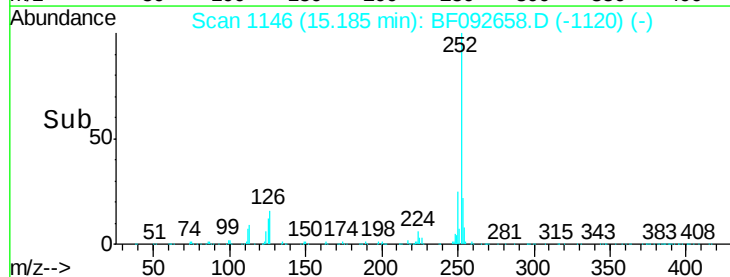
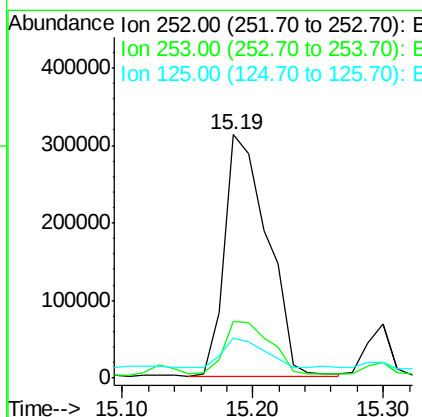
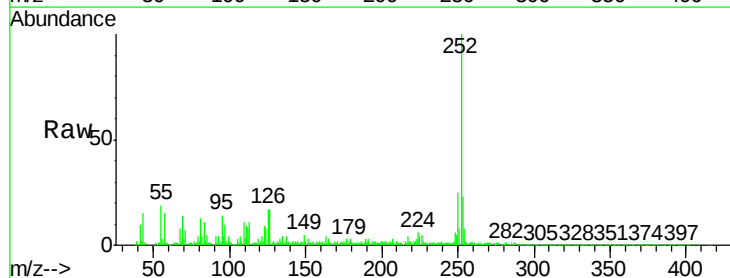
Instrument :
BNA_F
ClientSampleId :
B2-6

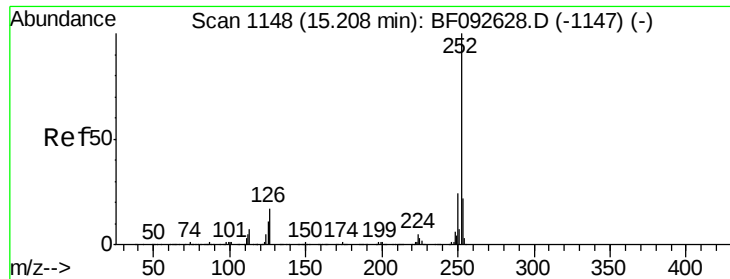
Tgt Ion: 264 Resp: 220533
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 24.0 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 49.27 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Tgt Ion: 252 Resp: 715140
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 16.6 9.8 14.6#

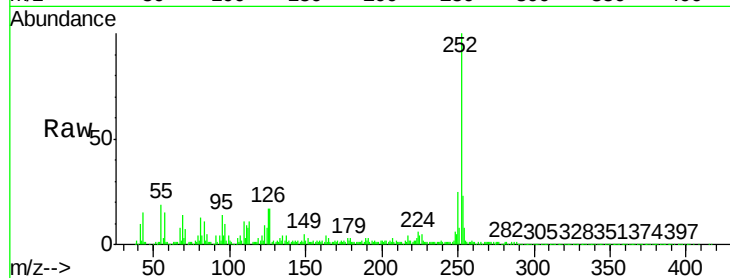




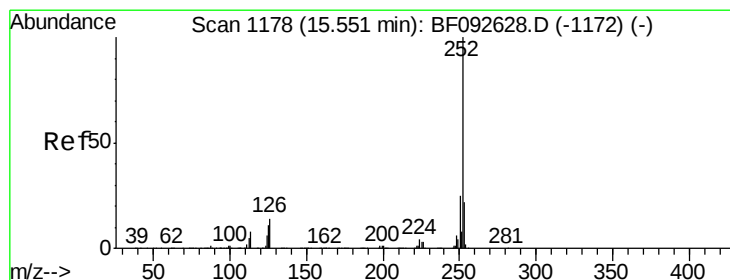
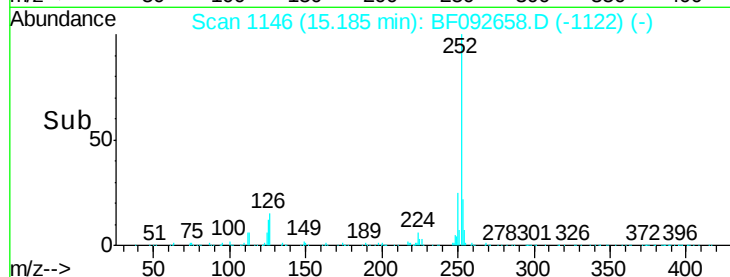
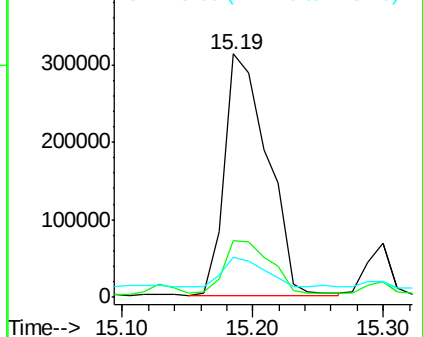
#88
Benzo(k)fluoranthene
Concen: 57.06 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Instrument :
BNA_F
ClientSampleId :
B2-6

Tgt Ion:252 Resp: 715140
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 16.6 8.9 13.3#

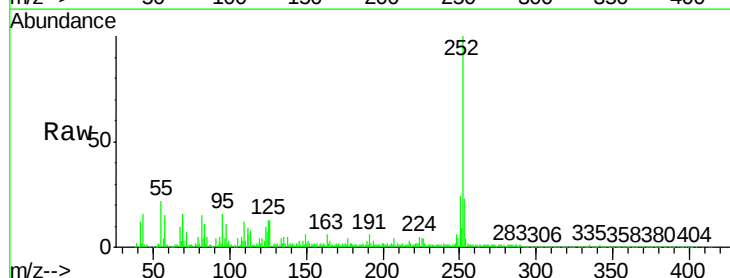


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

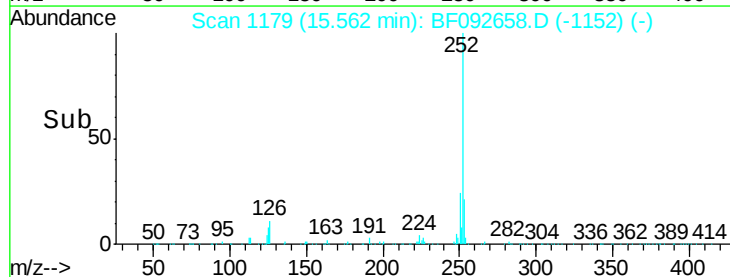
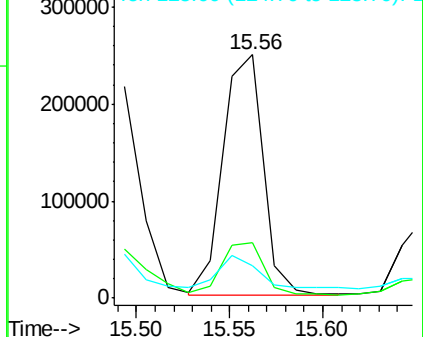


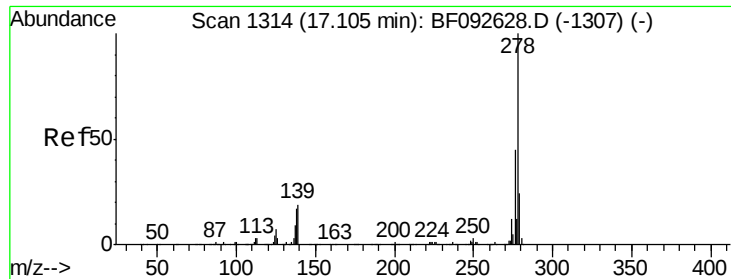
#89
Benzo(a)pyrene
Concen: 30.13 ng
RT: 15.56 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Tgt Ion:252 Resp: 378258
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 13.3 10.0 15.0



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

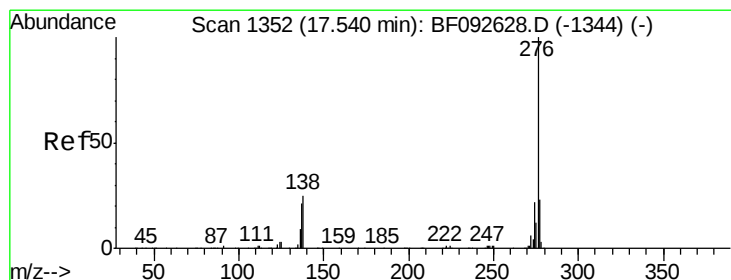
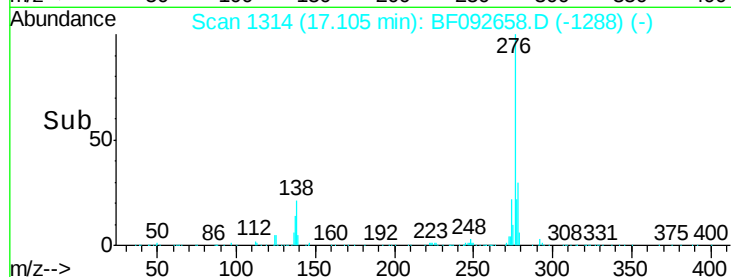
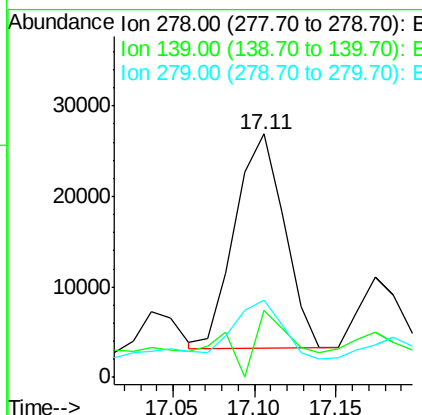
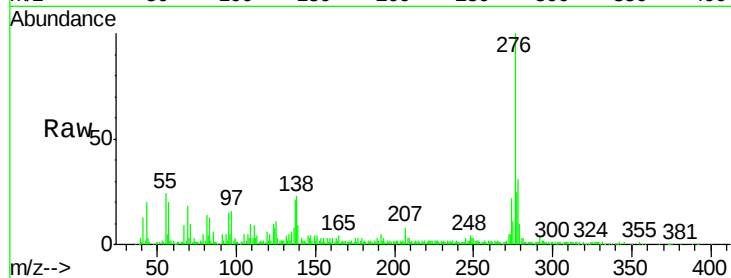




#90
Dibenzo(a,h)anthracene
Concen: 4.89 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Instrument :
BNA_F
ClientSampleId :
B2-6

Tgt Ion: 278 Resp: 49646
Ion Ratio Lower Upper
278 100
139 27.8 14.8 22.2#
279 31.7 19.8 29.6#



#91
Benzo(g,h,i)perylene
Concen: 21.72 ng
RT: 17.54 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF092658.D
Acq: 31 Jan 2017 2:33

Tgt Ion: 276 Resp: 222649
Ion Ratio Lower Upper
276 100
277 24.6 19.2 28.8
138 30.1 16.0 24.0#

