

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
 Data File : BF092821.D
 Acq On : 7 Feb 2017 2:55
 Operator : SJ/MA
 Sample : I1695-03 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-9

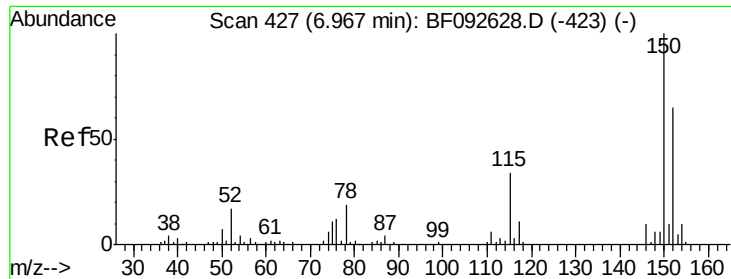
Quant Time: Feb 07 03:22:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 01:19:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	129860	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	495464	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	229207	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	348611	20.00	ng	0.00
75) Chrysene-d12	14.09	240	279375	20.00	ng	0.00
86) Perylene-d12	15.55	264	201495	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	442047	58.40	ng	0.00
7) Phenol-d6	6.56	99	588846	60.46	ng	0.00
23) Nitrobenzene-d5	7.48	82	345050	38.78	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	88372	53.31	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	569300	45.00	ng	0.00
78) Terphenyl-d14	13.03	244	392170	32.98	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.57	94	37639	3.30	ng	# 69
18) Hexachloroethane	7.45	117	16223	4.80	ng	# 1
25) Isophorone	7.72	82	33320	2.01	ng	# 1
31) Naphthalene	8.22	128	98228	3.91	ng	98
32) Benzoic acid	7.98	122	3625	7.88	ng	# 55
35) Caprolactam	8.62	113	14177	6.34	ng	# 9
49) Dimethylphthalate	9.66	163	66389	4.30	ng	# 97
53) 2,4-Dinitrophenol	10.25	184	222	4.86	ng	# 30
57) Fluorene	10.50	166	32382	2.35	ng	# 95
61) 4-Nitroaniline	10.51	138	12471	3.19	ng	83
64) 4,6-Dinitro-2-methylphenol	10.77	198	1071	3.15	ng	# 1
70) Phenanthrene	11.47	178	441781	22.12	ng	98
71) Anthracene	11.52	178	122148	6.09	ng	99
74) Fluoranthene	12.67	202	770556	37.40	ng	89
77) Pyrene	12.89	202	658172	31.48	ng	98
80) Benzo(a)anthracene	14.08	228	356519	20.86	ng	99
82) Chrysene	14.11	228	227923	14.25	ng	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	24421	2.10	ng	# 85
85) Indeno(1,2,3-cd)pyrene	17.00	276	82887	6.69	ng	97
87) Benzo(b)fluoranthene	15.13	252	310075	23.38	ng	# 97
88) Benzo(k)fluoranthene	15.13	252	310075	27.08	ng	# 95
89) Benzo(a)pyrene	15.48	252	159956	13.94	ng	# 94
90) Dibenzo(a,h)anthracene	17.00	278	21215	2.29	ng	# 68
91) Benzo(g,h,i)perylene	17.44	276	72791	7.77	ng	# 88

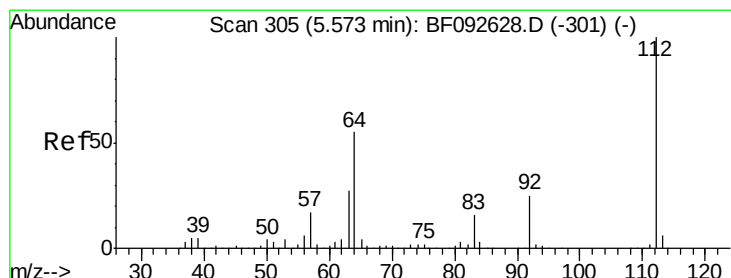
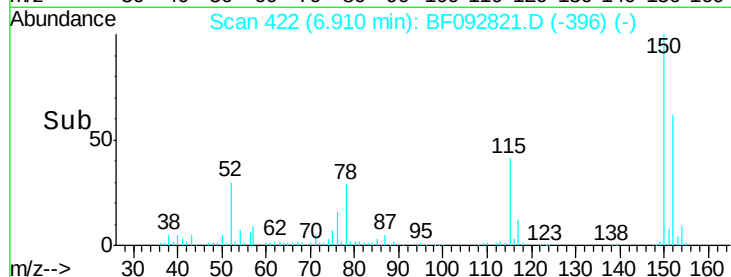
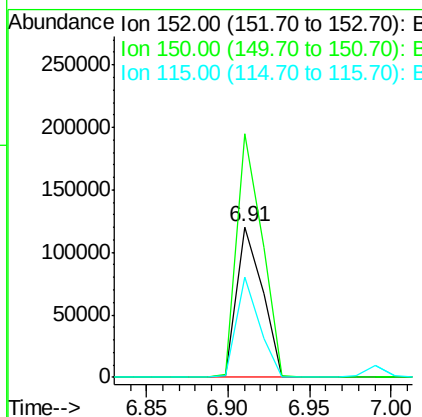
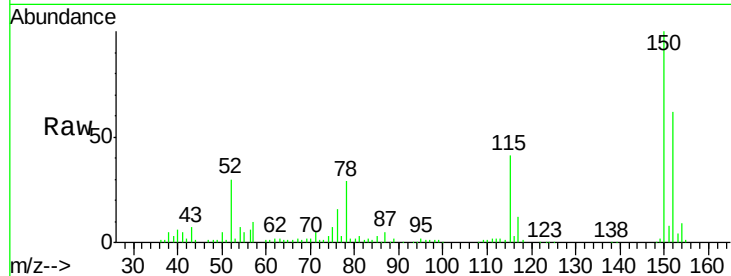
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF092821.D
 Acq: 7 Feb 2017 2:55

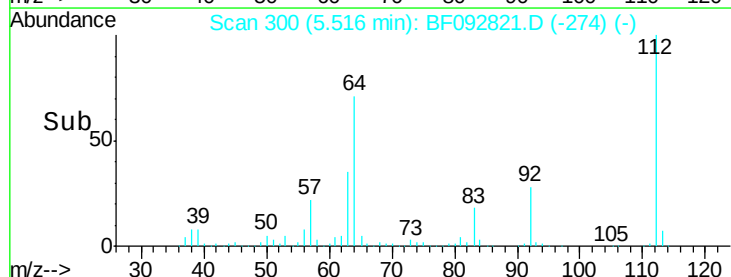
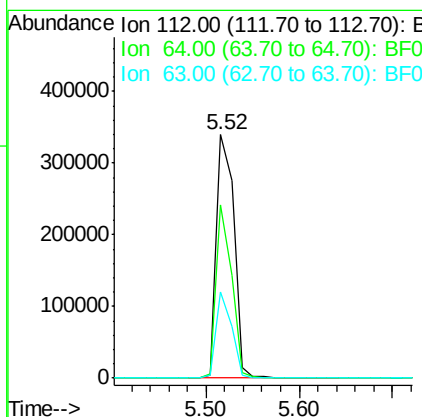
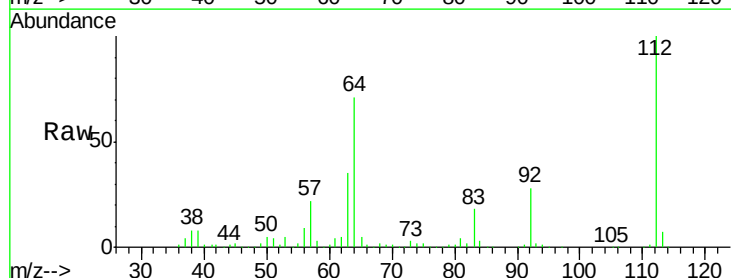
Instrument :
 BNA_F
 ClientSampleId :
 B2-9

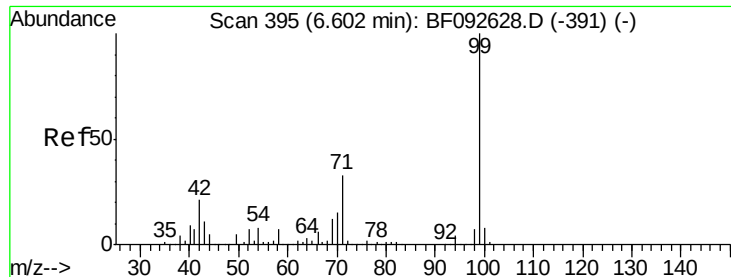
Tgt Ion:152 Resp: 129860
 Ion Ratio Lower Upper
 152 100
 150 162.0 124.9 187.3
 115 66.4 46.0 69.0



#5
 2-Fluorophenol
 Concen: 58.40 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: BF092821.D
 Acq: 7 Feb 2017 2:55

Tgt Ion:112 Resp: 442047
 Ion Ratio Lower Upper
 112 100
 64 71.1 46.1 69.1#
 63 35.4 23.8 35.6





#7

Phenol-d6

Concen: 60.46 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

Instrument :

BNA_F

ClientSampleId :

B2-9

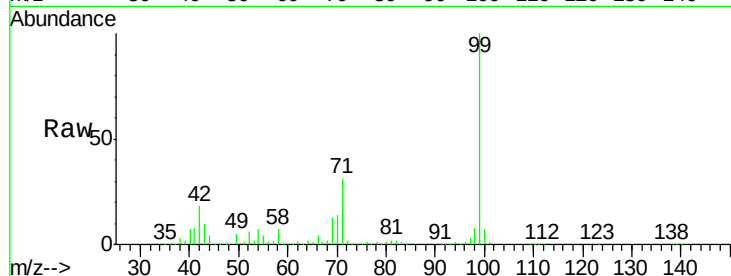
Tgt Ion: 99 Resp: 58846

Ion Ratio Lower Upper

99 100

42 18.0 15.6 23.4

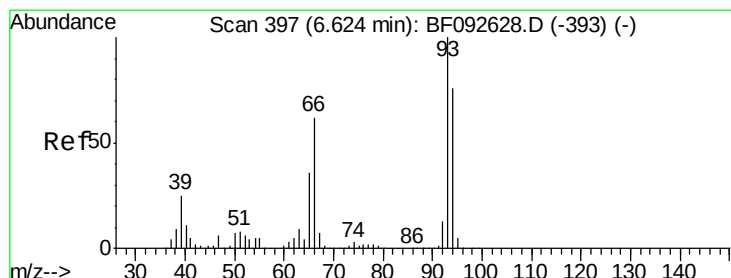
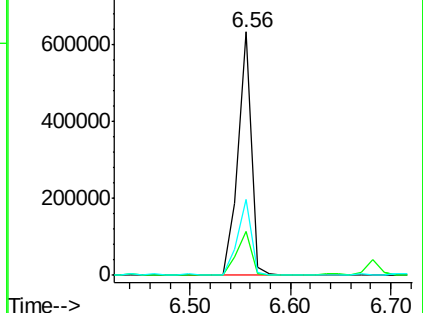
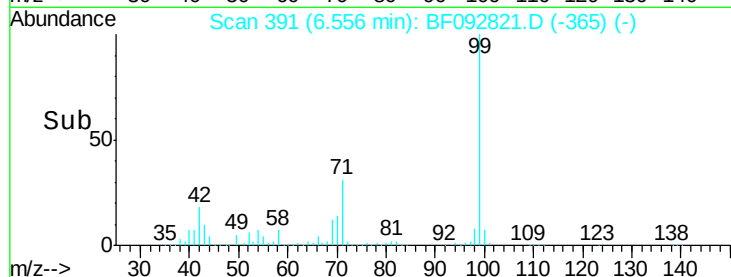
71 31.1 27.5 41.3



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



#10

Phenol

Concen: 3.30 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

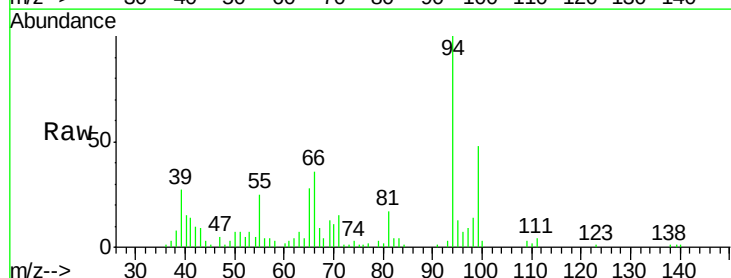
Tgt Ion: 94 Resp: 37639

Ion Ratio Lower Upper

94 100

65 27.6 21.4 61.4

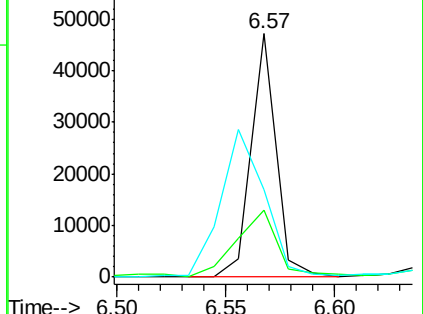
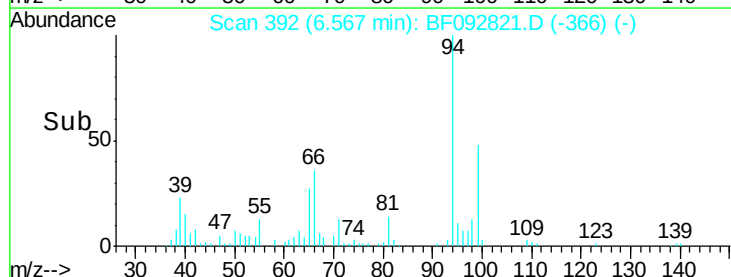
66 35.7 44.0 84.0#

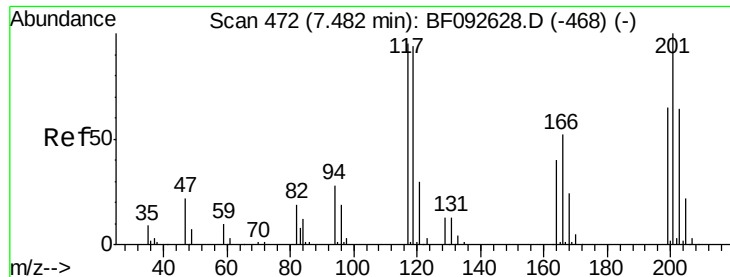


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#18

Hexachloroethane

Concen: 4.80 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.02 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

Instrument :

BNA_F

ClientSampleId :

B2-9

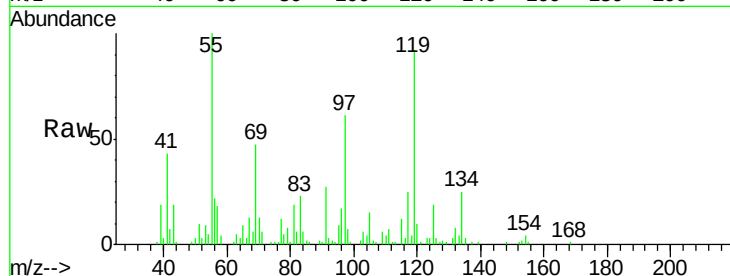
Tgt Ion:117 Resp: 16223

Ion Ratio Lower Upper

117 100

119 364.0 78.1 117.1#

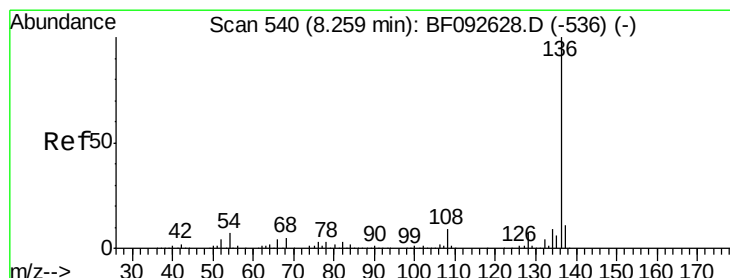
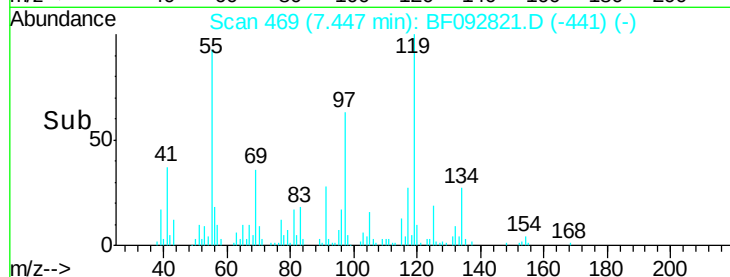
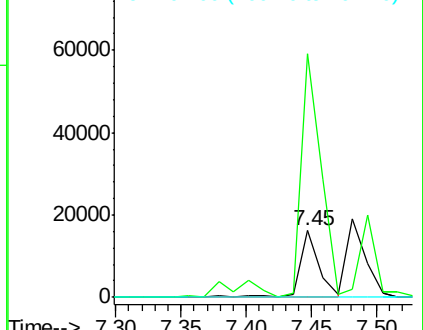
201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

Tgt Ion:136 Resp: 495464

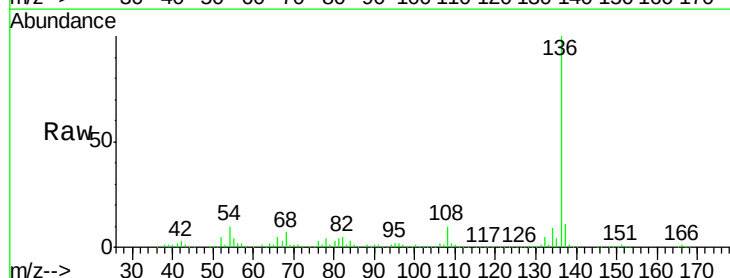
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.0 4.5 6.7#

68 7.0 3.6 5.4#

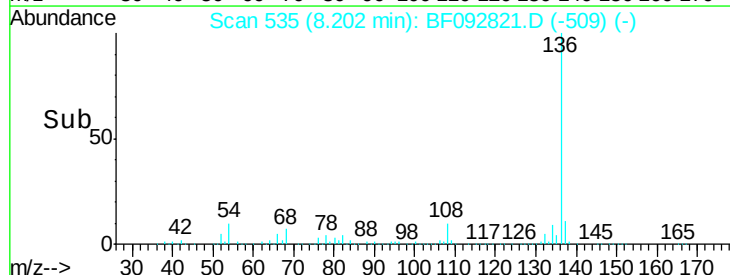
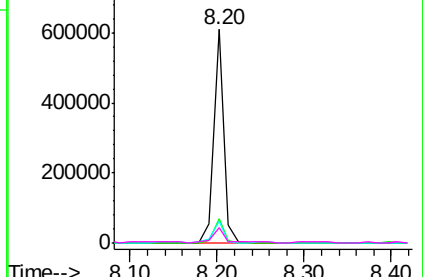


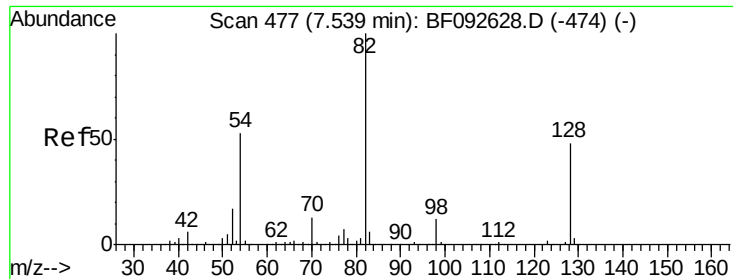
Abundance Ion 136.00 (135.70 to 136.70): E

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

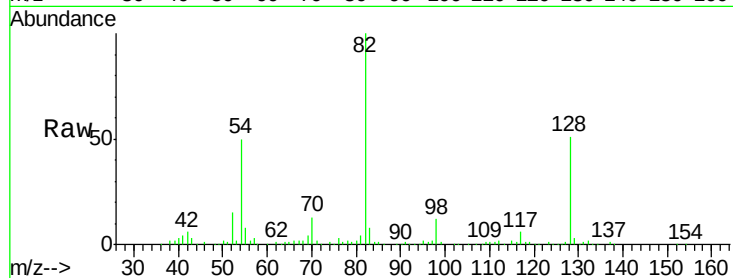




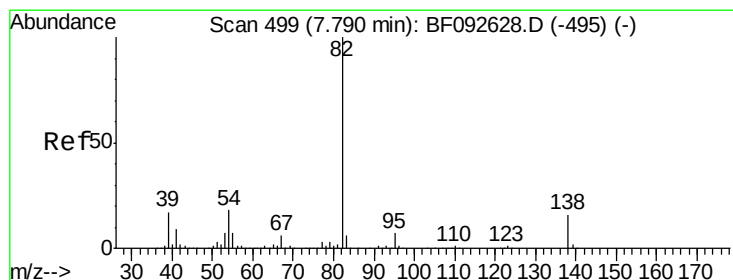
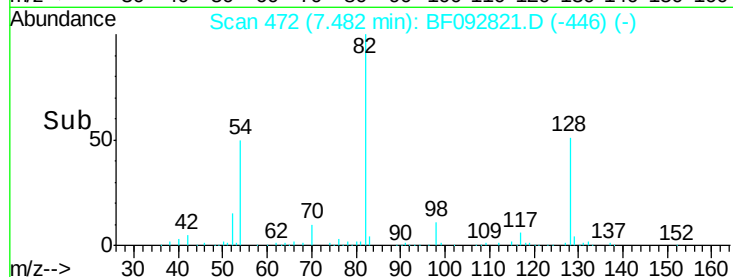
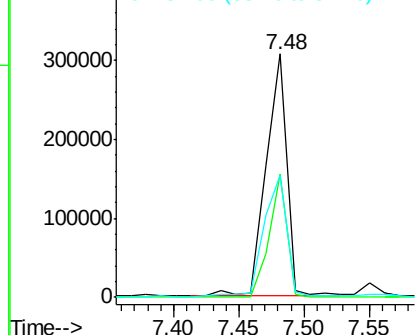
#23
Nitrobenzene-d5
Concen: 38.78 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF092821.D
Acq: 7 Feb 2017 2:55

Instrument :
BNA_F
ClientSampleId :
B2-9

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.5	34.6	52.0
54	50.3	39.5	59.3

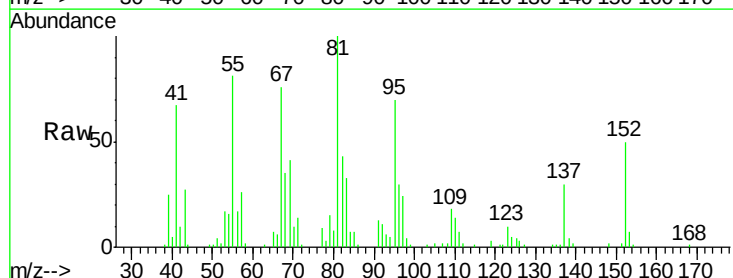


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

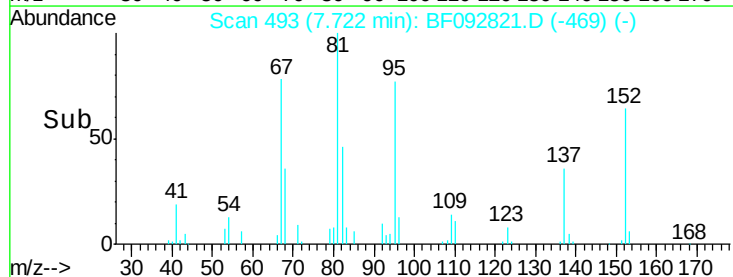
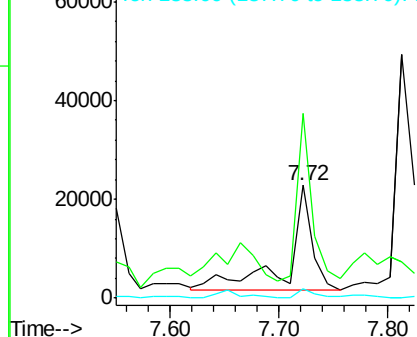


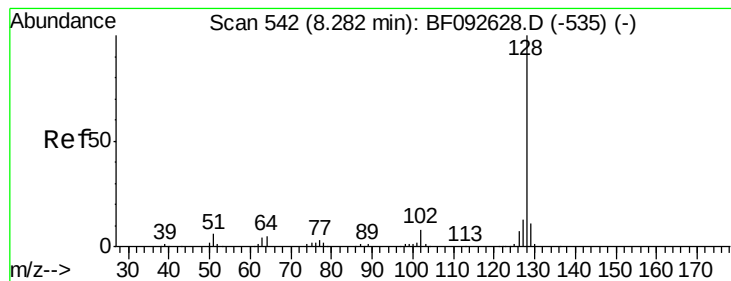
#25
Isophorone
Concen: 2.01 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF092821.D
Acq: 7 Feb 2017 2:55

Tgt Ion	Ratio	Lower	Upper
82	100		
95	164.1	5.6	8.4#
138	8.5	14.6	22.0#



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





#31

Naphthalene

Concen: 3.91 ng

RT: 8.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

Instrument :

BNA_F

ClientSampleId :

B2-9

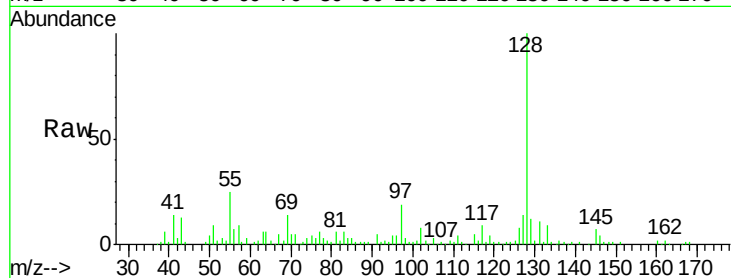
Tgt Ion:128 Resp: 98228

Ion Ratio Lower Upper

128 100

129 12.5 9.5 14.3

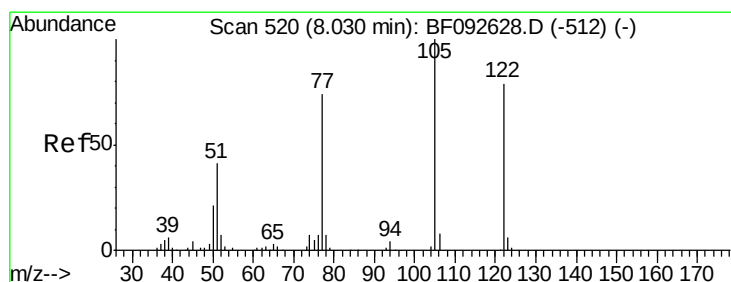
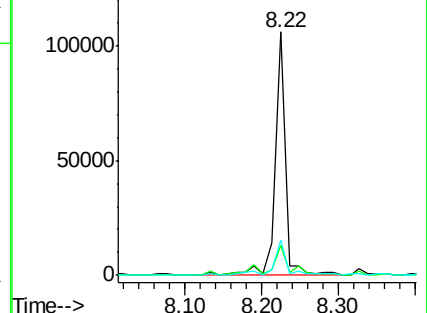
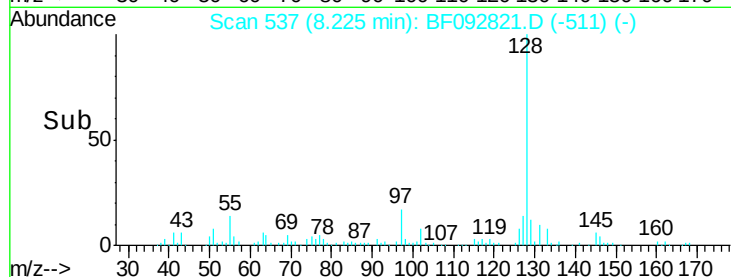
127 14.3 10.8 16.2



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: 7.88 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

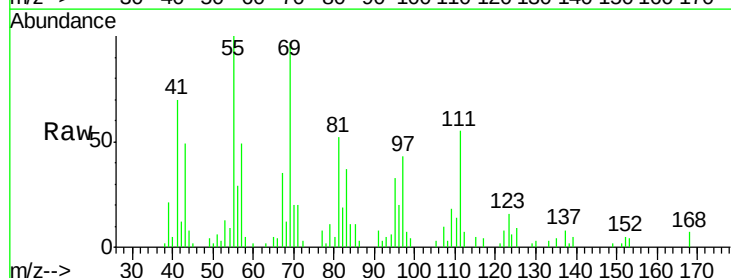
Tgt Ion:122 Resp: 3625

Ion Ratio Lower Upper

122 100

105 38.1 107.2 147.2#

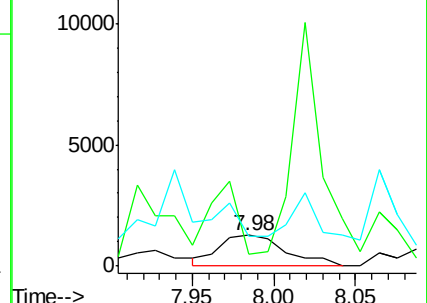
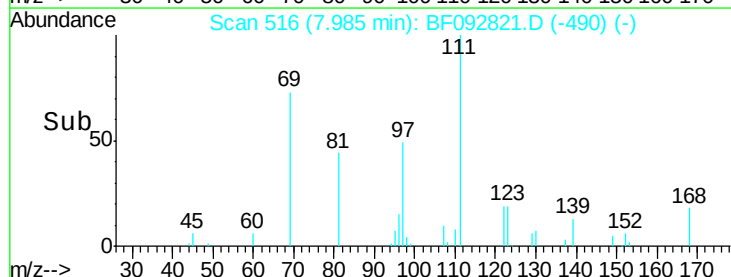
77 96.7 74.5 114.5

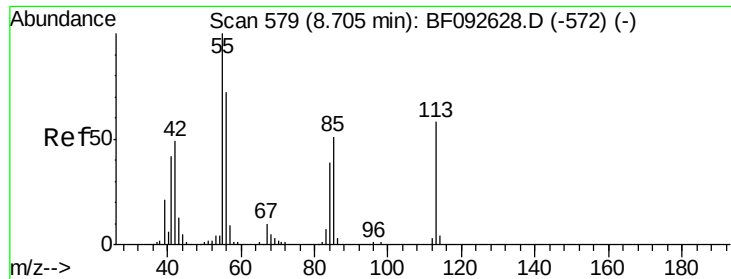


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

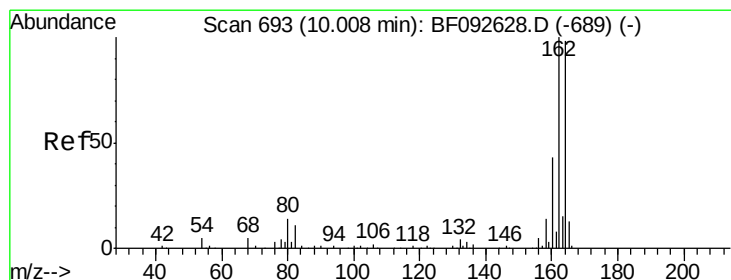
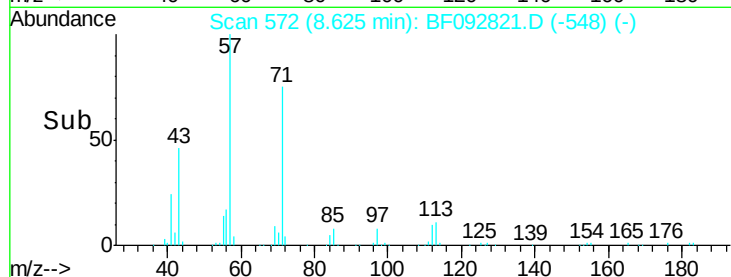
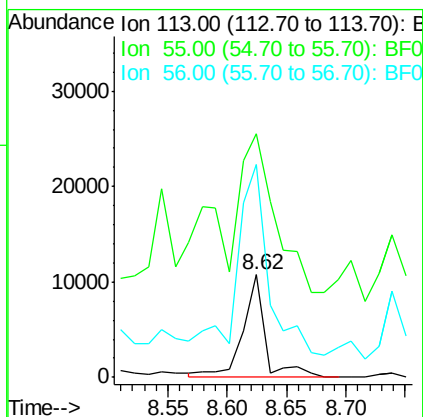
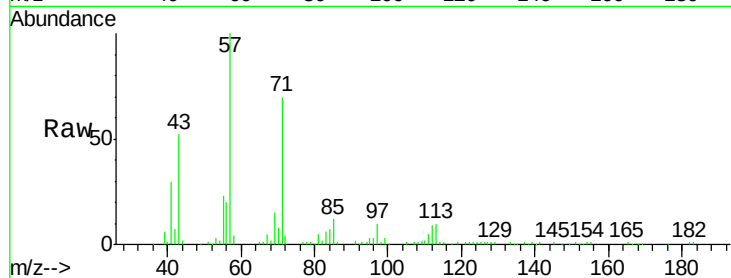




#35
 Caprolactam
 Concen: 6.34 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF092821.D
 Acq: 7 Feb 2017 2:55

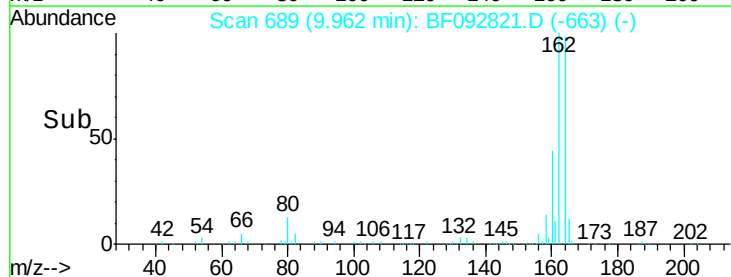
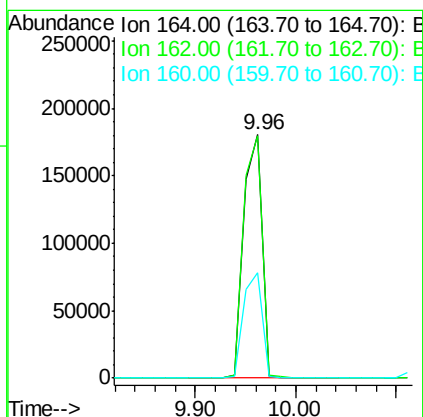
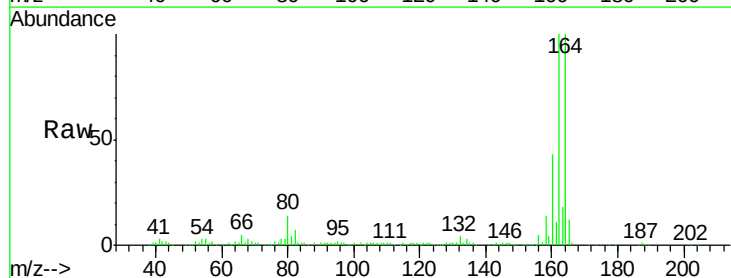
Instrument :
 BNA_F
 ClientSampled :
 B2-9

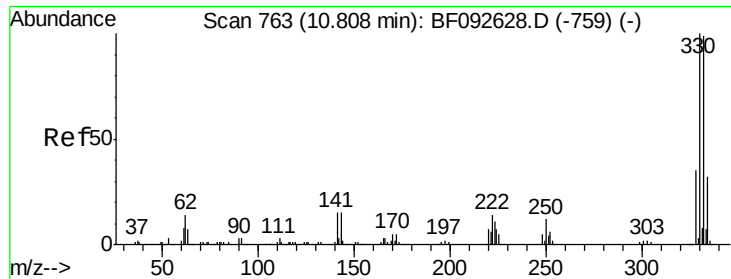
Tgt Ion:113 Resp: 14177
 Ion Ratio Lower Upper
 113 100
 55 238.2 119.2 159.2#
 56 208.7 83.8 123.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF092821.D
 Acq: 7 Feb 2017 2:55

Tgt Ion:164 Resp: 229207
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.2 120.2
 160 43.1 36.9 55.3

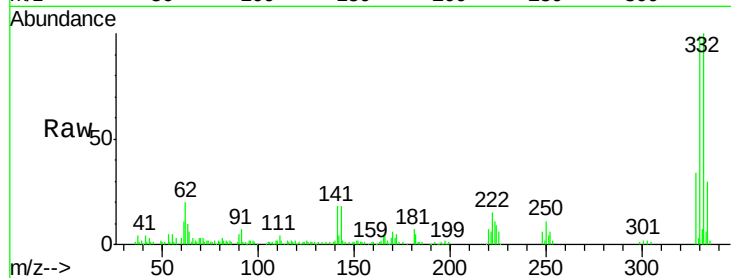




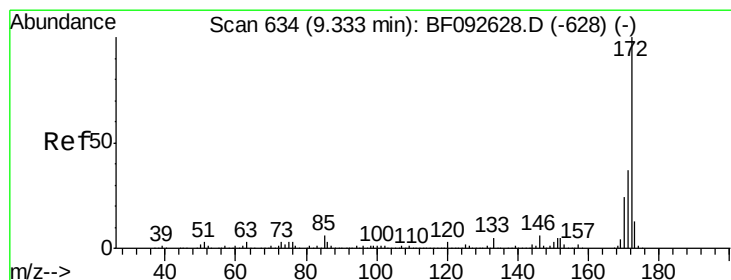
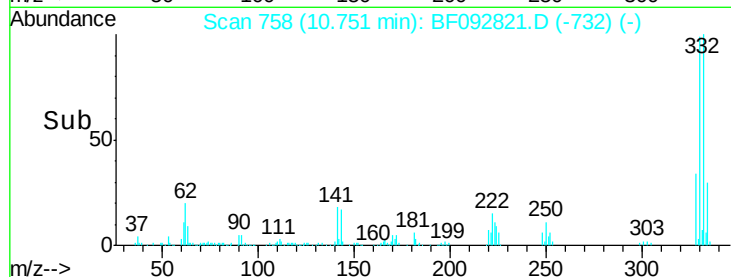
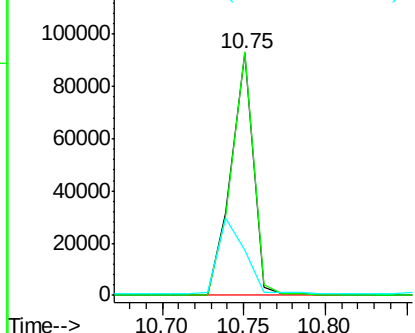
#41
 2,4,6-Tribromophenol
 Concen: 53.31 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF092821.D
 Acq: 7 Feb 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 B2-9

Tgt Ion:330 Resp: 88372
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.4 116.2
 141 37.5 34.1 51.1

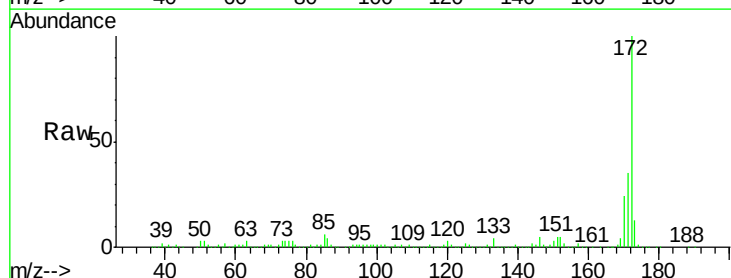


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

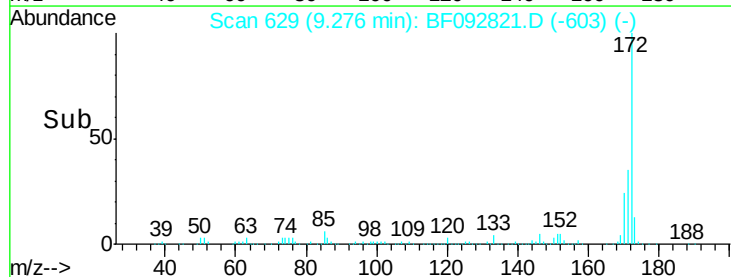
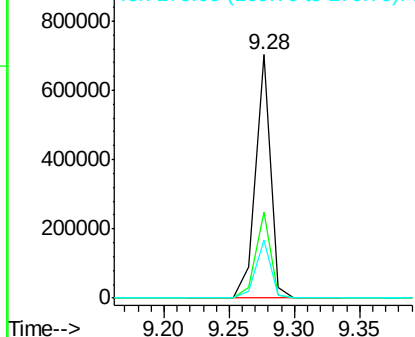


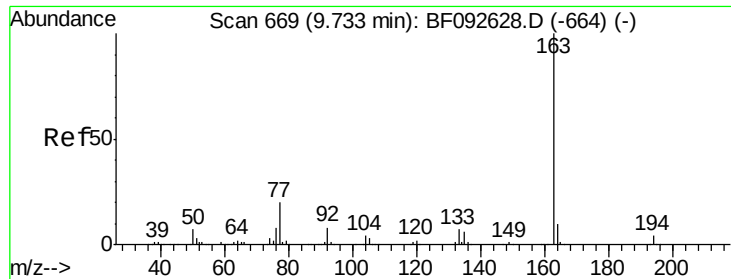
#44
 2-Fluorobiphenyl
 Concen: 45.00 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF092821.D
 Acq: 7 Feb 2017 2:55

Tgt Ion:172 Resp: 569300
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.7 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: 4.30 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

Instrument :

BNA_F

ClientSampleId :

B2-9

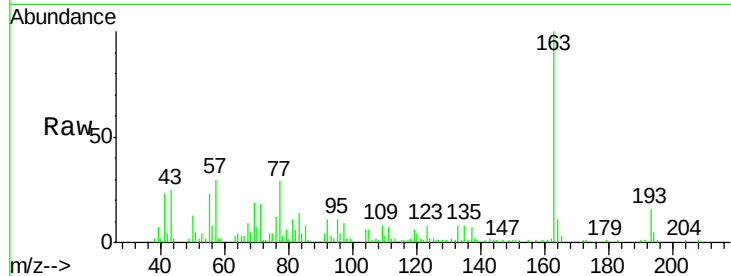
Tgt Ion:163 Resp: 66389

Ion Ratio Lower Upper

163 100

194 5.1 3.0 4.4#

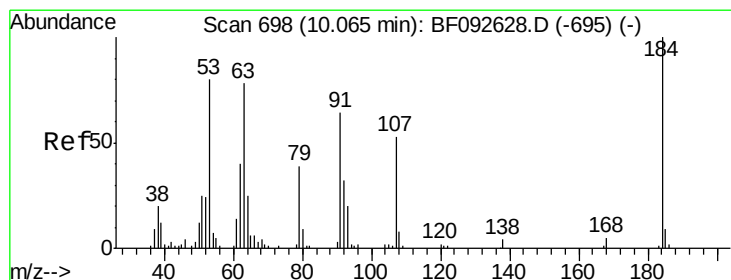
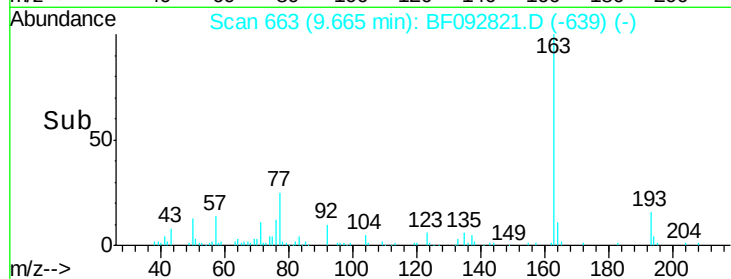
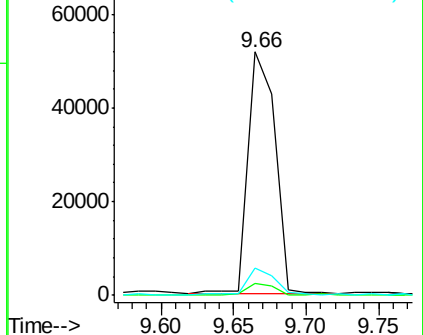
164 11.0 8.0 12.0



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



#53

2,4-Dinitrophenol

Concen: 4.86 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.23 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

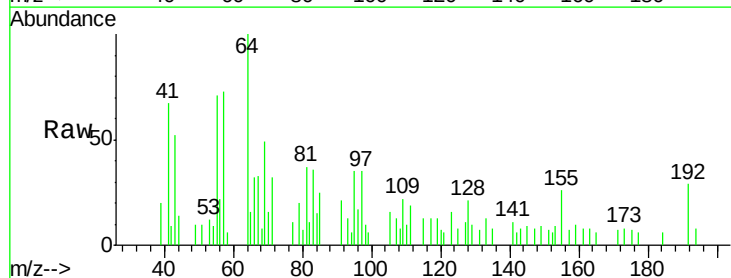
Tgt Ion:184 Resp: 222

Ion Ratio Lower Upper

184 100

63 0.0 28.4 42.6#

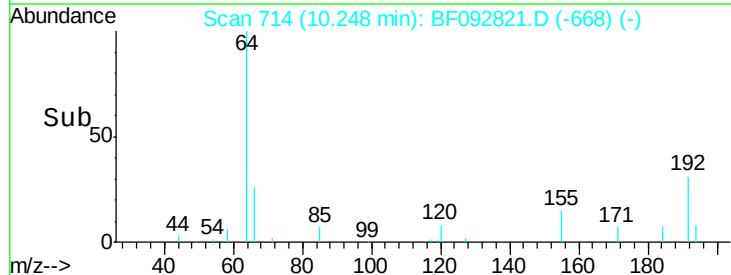
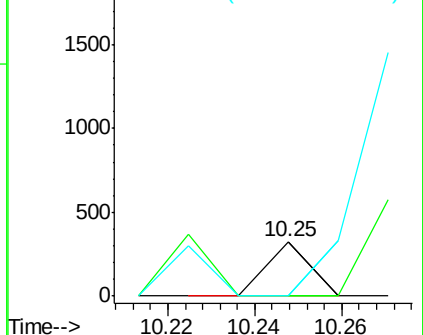
154 0.0 44.3 66.5#

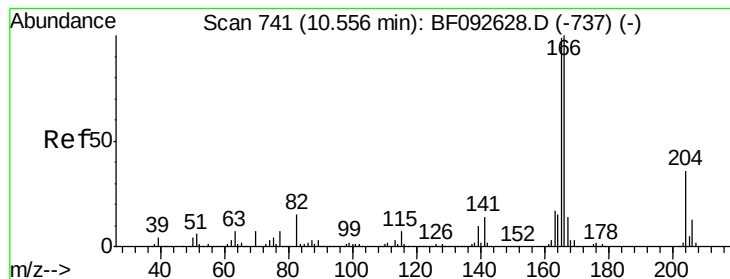


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#57

Fluorene

Concen: 2.35 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

Instrument :

BNA_F

ClientSampleId :

B2-9

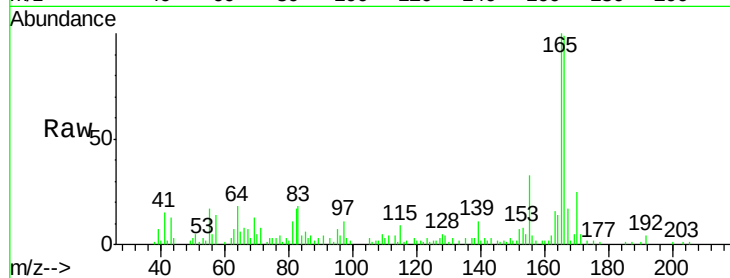
Tgt Ion:166 Resp: 32382

Ion Ratio Lower Upper

166 100

165 101.4 77.8 116.8

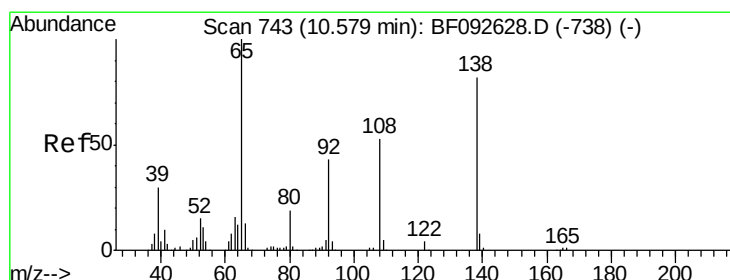
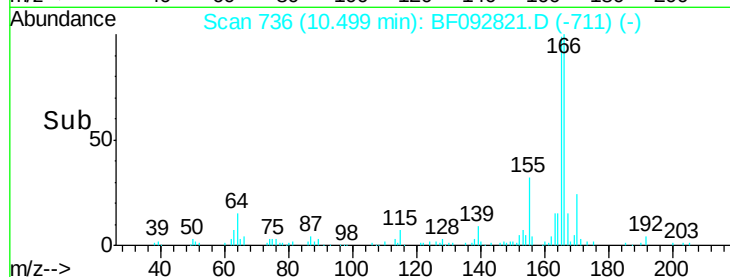
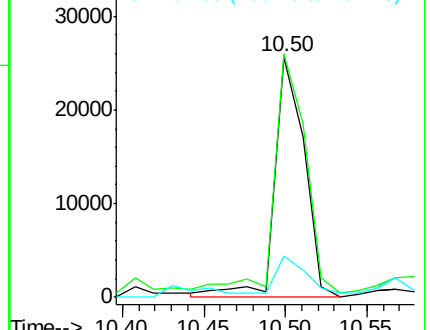
167 17.1 10.8 16.2#



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



#61

4-Nitroaniline

Concen: 3.19 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

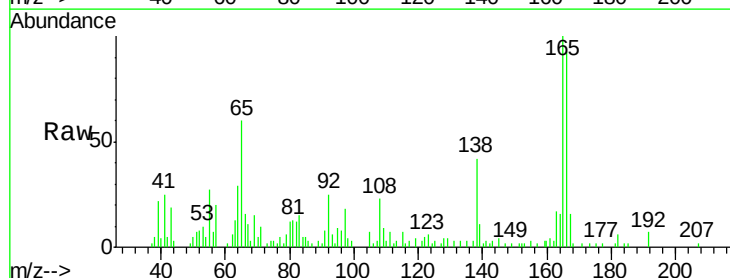
Tgt Ion:138 Resp: 12471

Ion Ratio Lower Upper

138 100

92 59.9 31.7 71.7

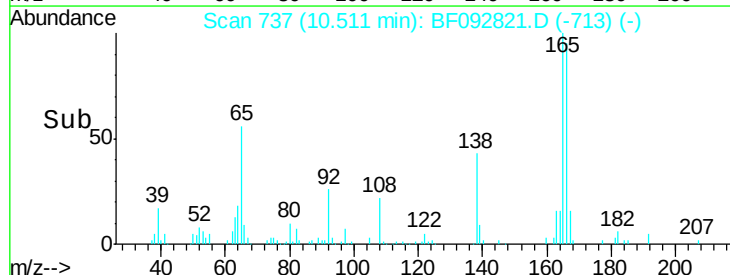
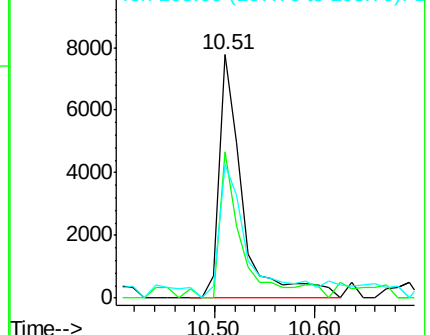
108 54.7 52.6 92.6

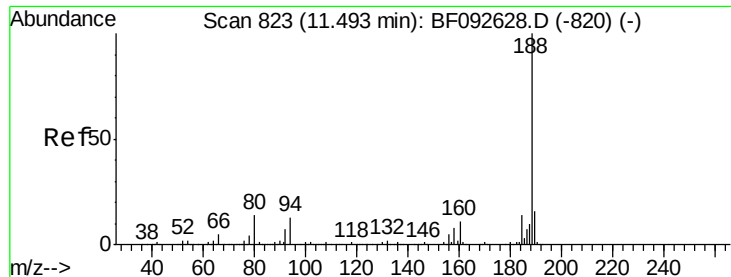


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

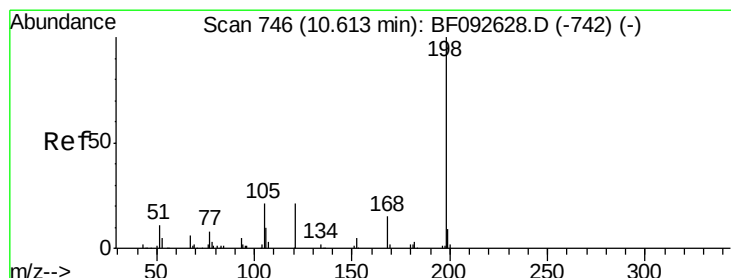
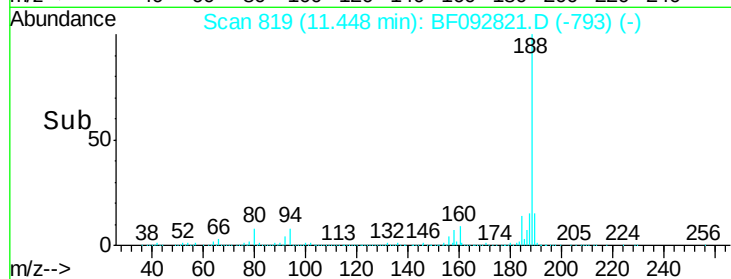
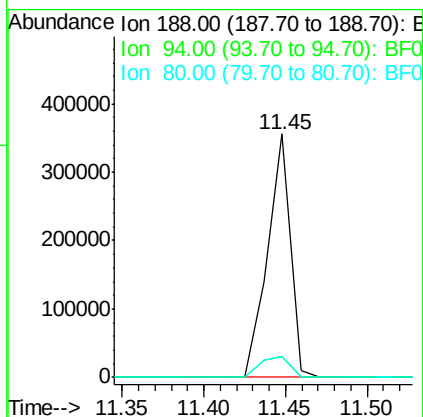
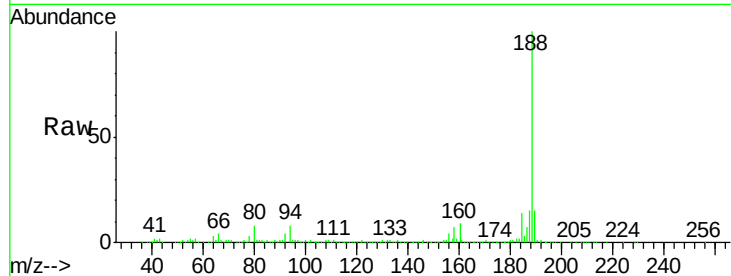




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF092821.D
Acq: 7 Feb 2017 2:55

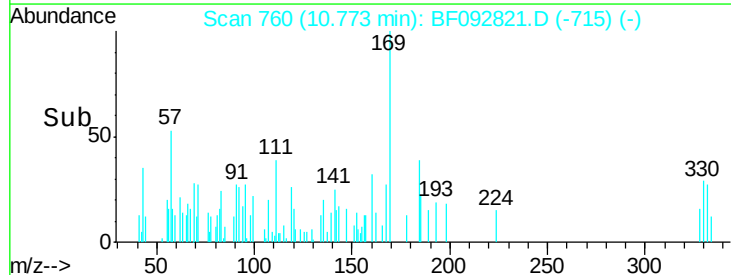
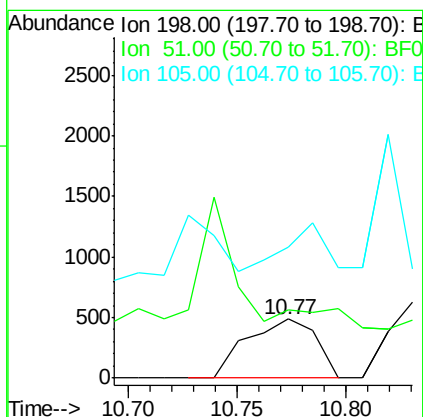
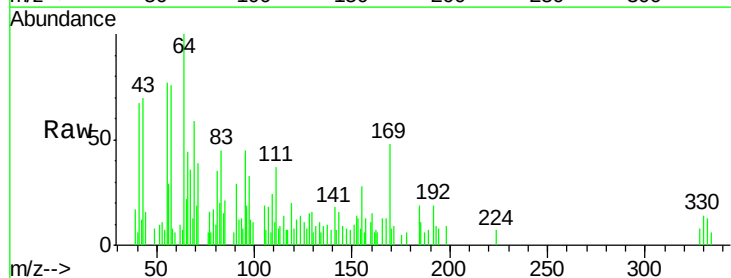
Instrument :
BNA_F
ClientSampleId :
B2-9

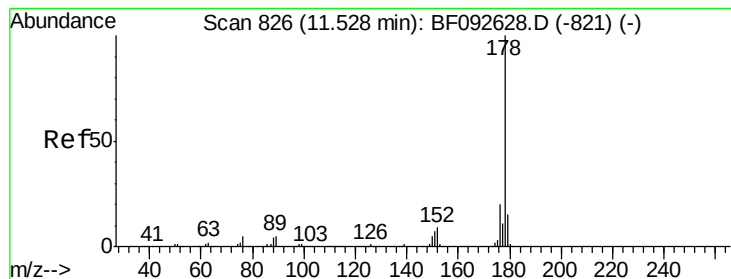
Tgt Ion:188 Resp: 348611
Ion Ratio Lower Upper
188 100
94 8.5 10.0 15.0#
80 8.4 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.15 ng
RT: 10.77 min Scan# 760
Delta R.T. 0.22 min
Lab File: BF092821.D
Acq: 7 Feb 2017 2:55

Tgt Ion:198 Resp: 1071
Ion Ratio Lower Upper
198 100
51 115.6 6.7 46.7#
105 220.7 16.6 56.6#





#70

Phenanthrene

Concen: 22.12 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

Instrument :

BNA_F

ClientSampleId :

B2-9

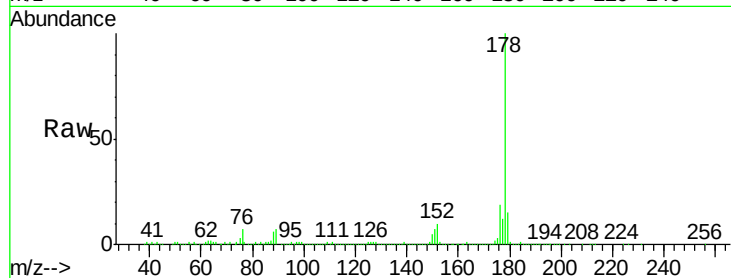
Tgt Ion:178 Resp: 441781

Ion Ratio Lower Upper

178 100

176 19.5 16.6 25.0

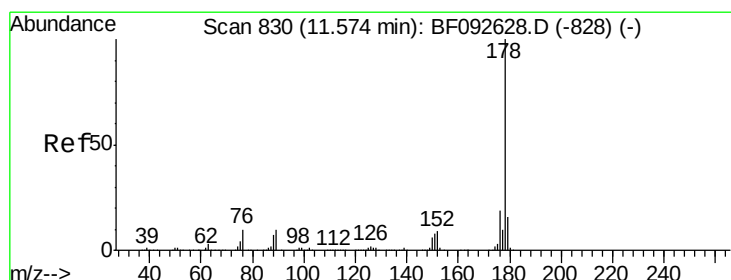
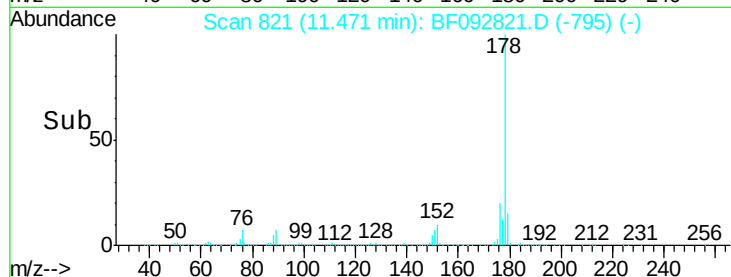
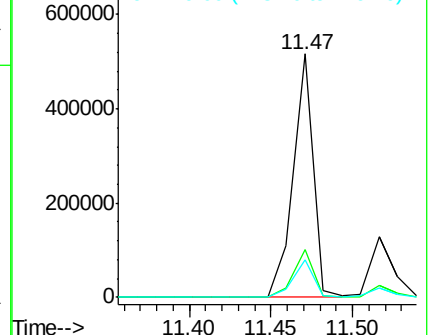
179 15.5 12.8 19.2



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: 6.09 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

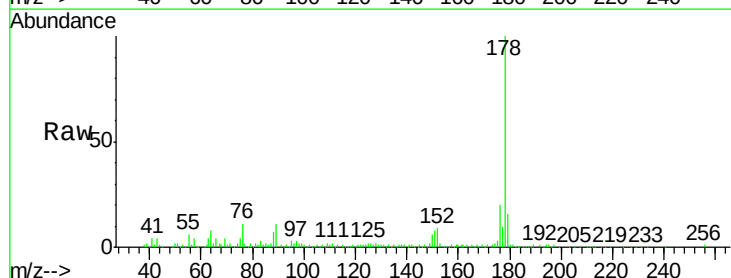
Tgt Ion:178 Resp: 122148

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

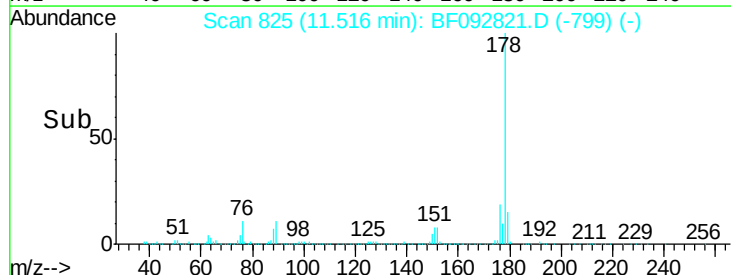
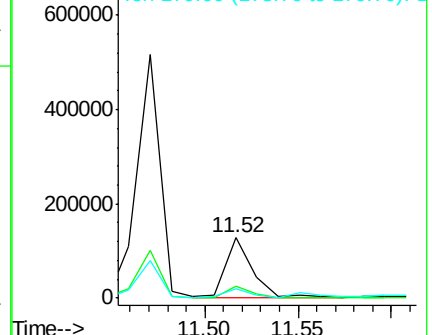
179 15.6 13.2 19.8

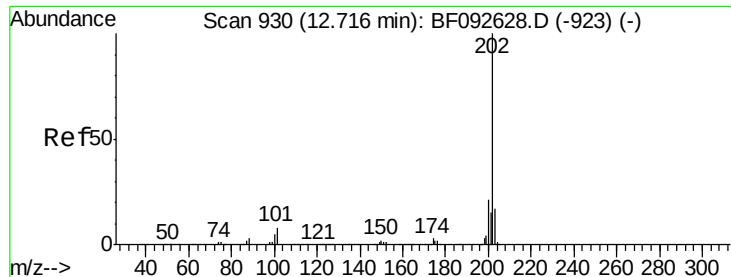


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

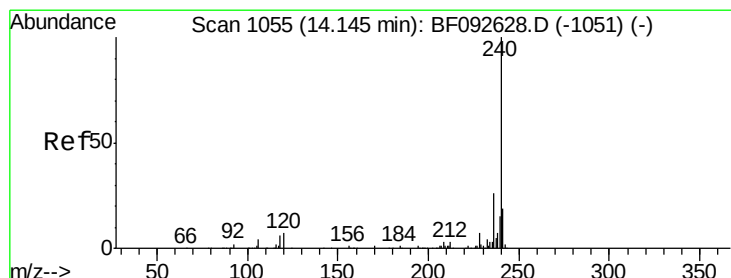
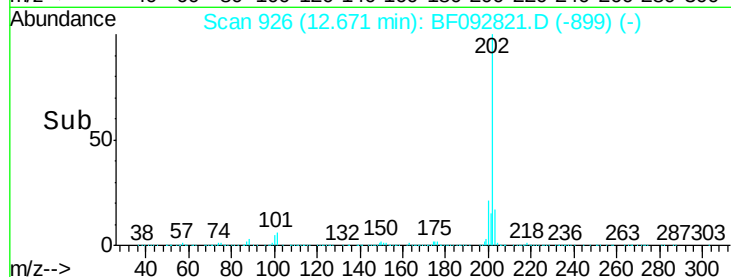
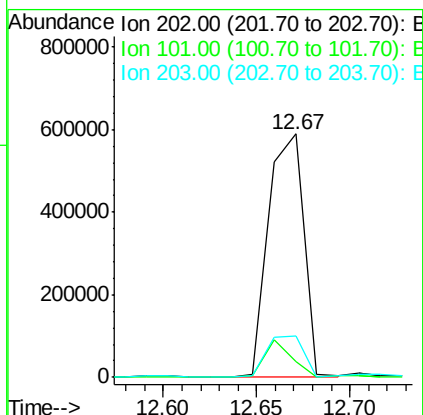
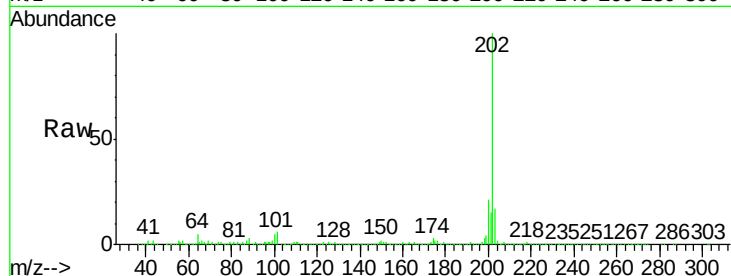




#74
 Fluoranthene
 Concen: 37.40 ng
 RT: 12.67 min Scan# 926
 Delta R.T. 0.01 min
 Lab File: BF092821.D
 Acq: 7 Feb 2017 2:55

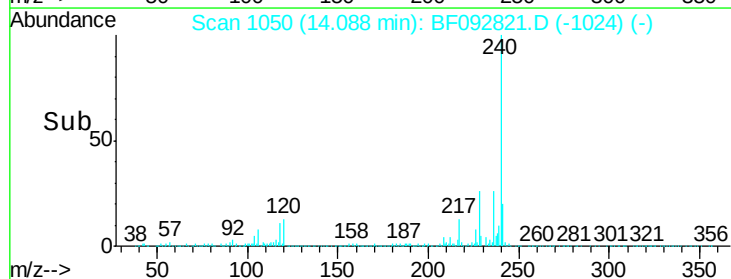
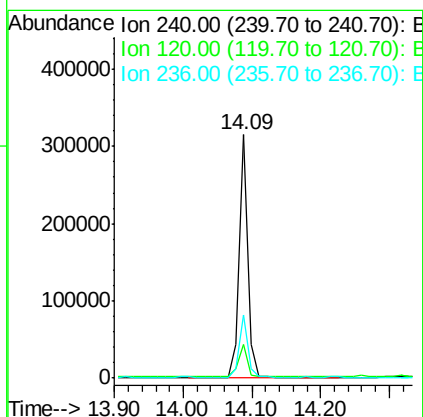
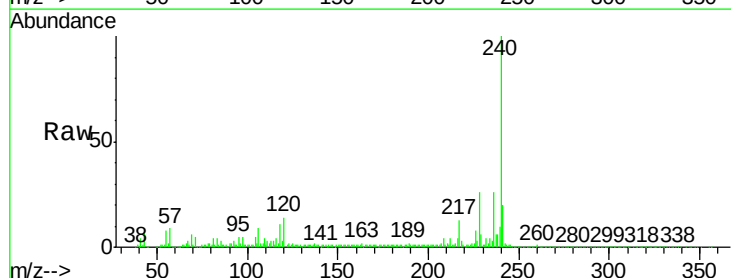
Instrument :
 BNA_F
 ClientSampleId :
 B2-9

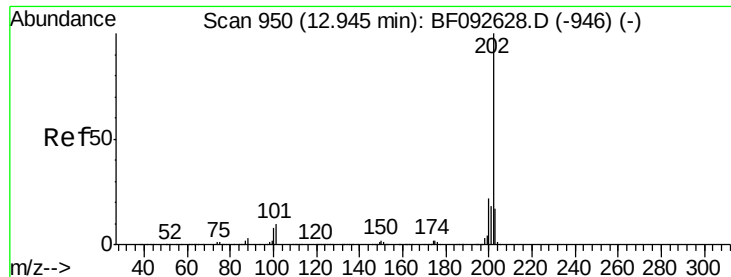
Tgt Ion:	202	Resp:	770556
Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	34.6
203	17.0	0.0	38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF092821.D
 Acq: 7 Feb 2017 2:55

Tgt Ion:	240	Resp:	279375
Ion	Ratio	Lower	Upper
240	100		
120	13.6	12.9	19.3
236	25.9	20.9	31.3





#77

Pyrene

Concen: 31.48 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

Instrument :

BNA_F

ClientSampleId :

B2-9

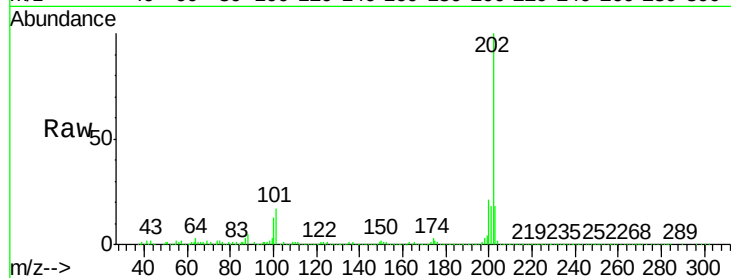
Tgt Ion:202 Resp: 658172

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

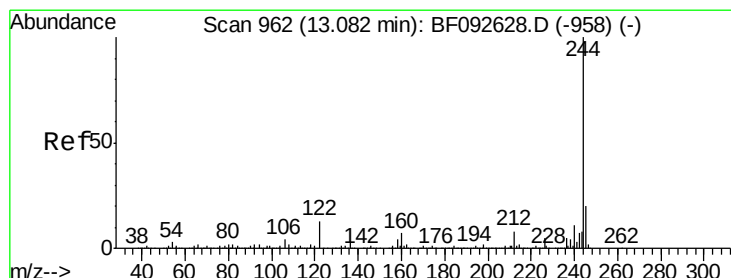
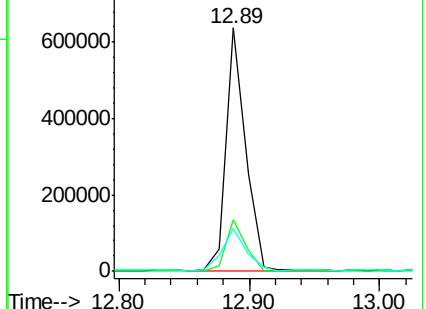
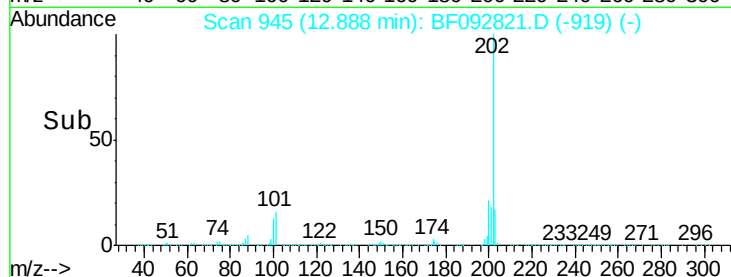
203 17.6 14.7 22.1



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: 32.98 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

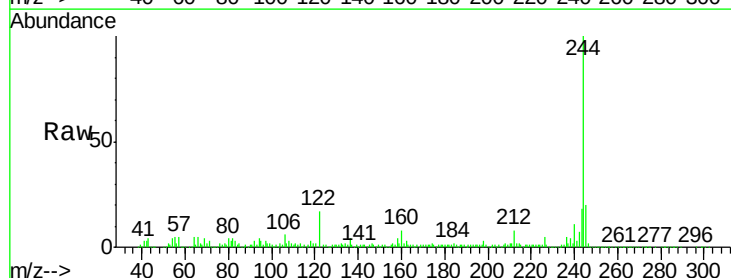
Tgt Ion:244 Resp: 392170

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

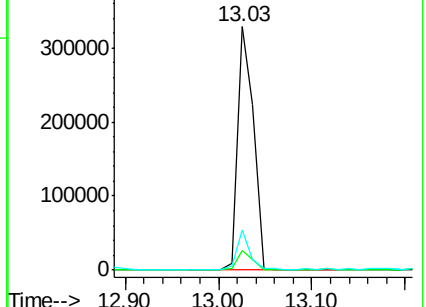
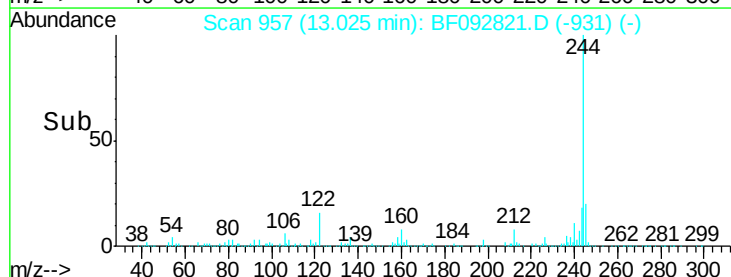
122 16.6 11.4 17.2

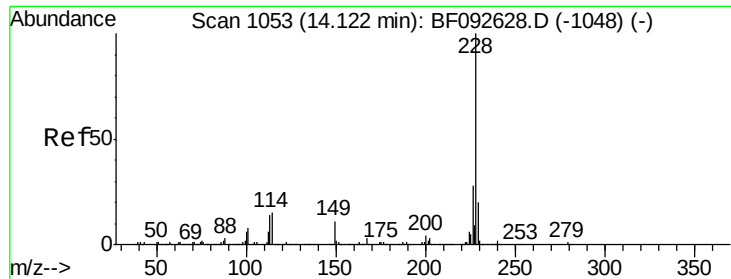


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 20.86 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

Instrument :

BNA_F

ClientSampleId :

B2-9

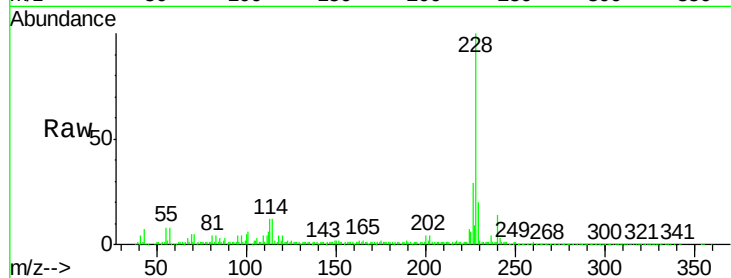
Tgt Ion:228 Resp: 356519

Ion Ratio Lower Upper

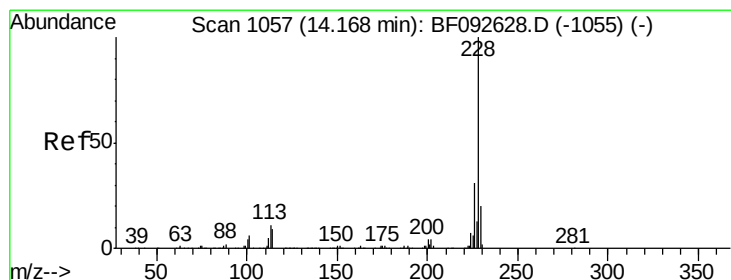
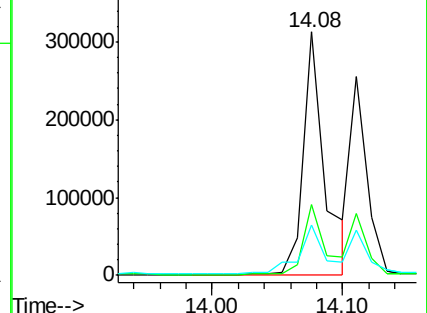
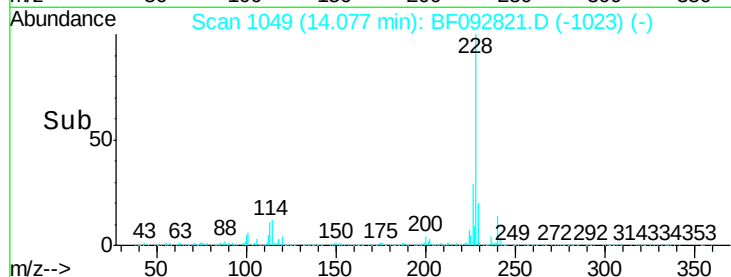
228 100

226 28.9 22.4 33.6

229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 14.25 ng

RT: 14.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

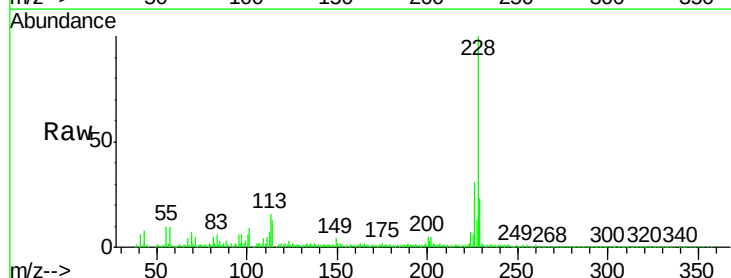
Tgt Ion:228 Resp: 227923

Ion Ratio Lower Upper

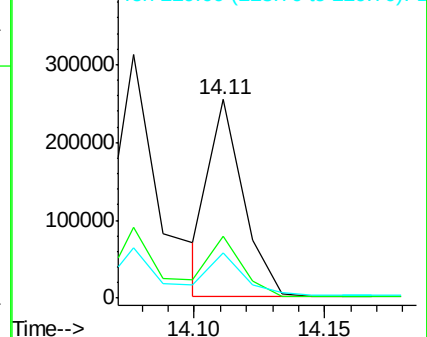
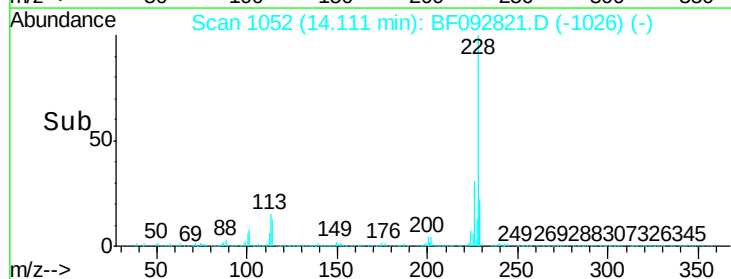
228 100

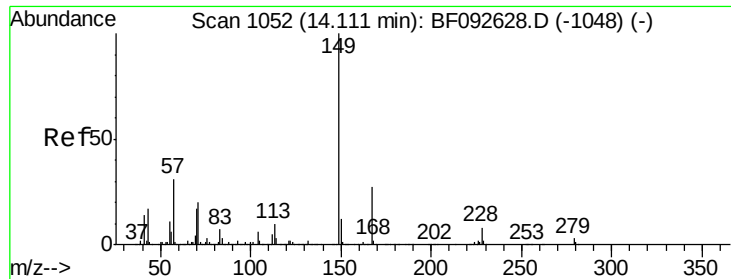
226 31.3 25.4 38.0

229 22.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

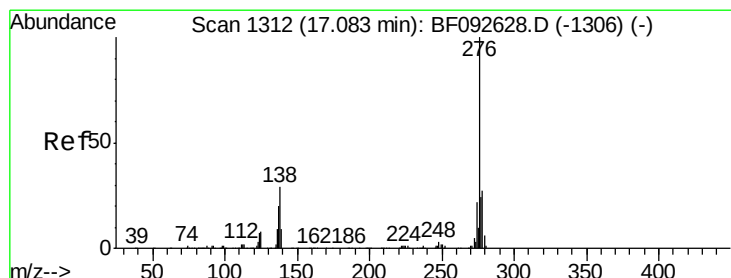
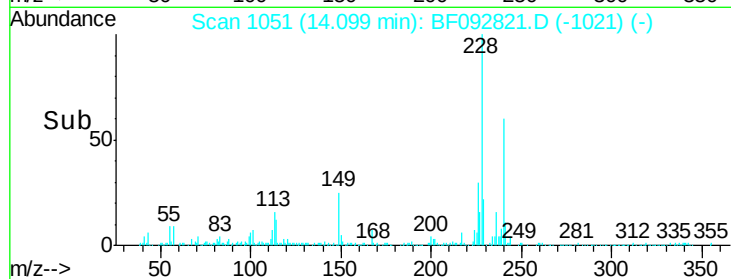
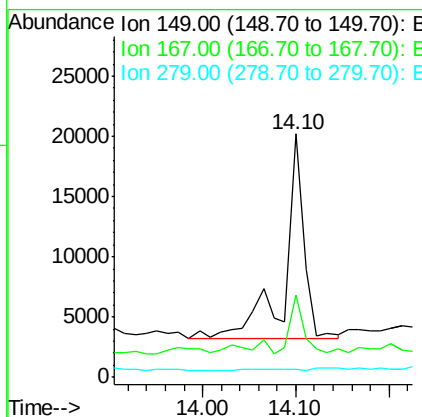
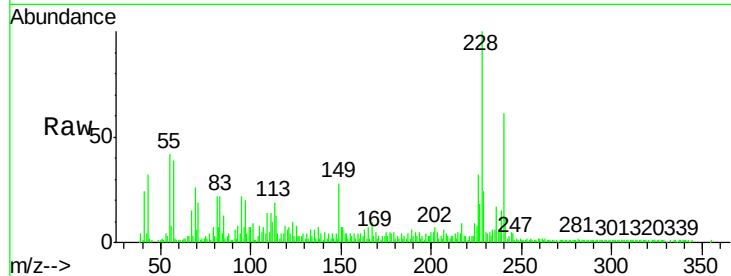




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.10 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.05 min
 Lab File: BF092821.D
 Acq: 7 Feb 2017 2:55

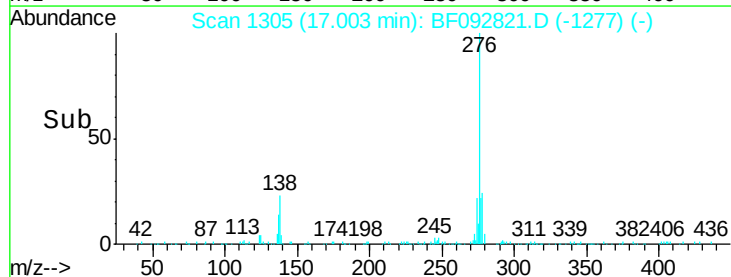
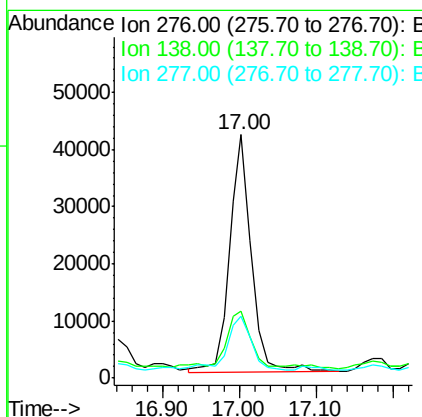
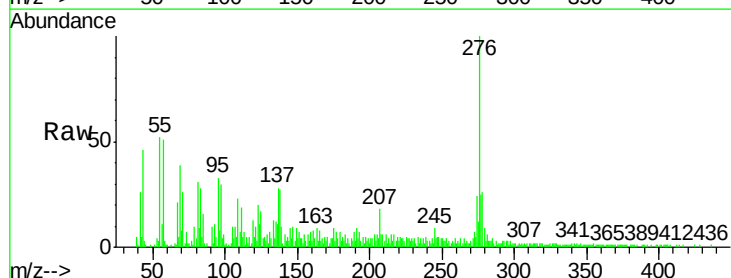
Instrument :
 BNA_F
 ClientSampleId :
 B2-9

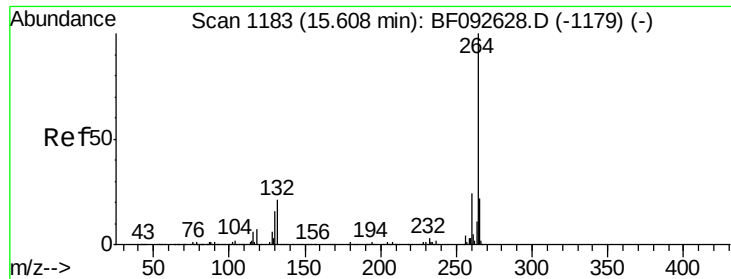
Tgt Ion:149 Resp: 24421
 Ion Ratio Lower Upper
 149 100
 167 33.7 20.2 30.4#
 279 3.2 1.8 2.8#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.69 ng
 RT: 17.00 min Scan# 1305
 Delta R.T. 0.02 min
 Lab File: BF092821.D
 Acq: 7 Feb 2017 2:55

Tgt Ion:276 Resp: 82887
 Ion Ratio Lower Upper
 276 100
 138 25.8 21.8 32.6
 277 27.3 20.2 30.4

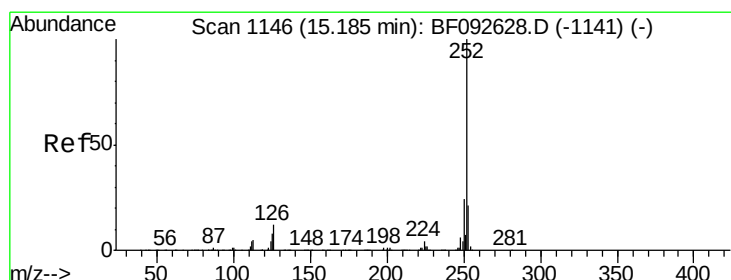
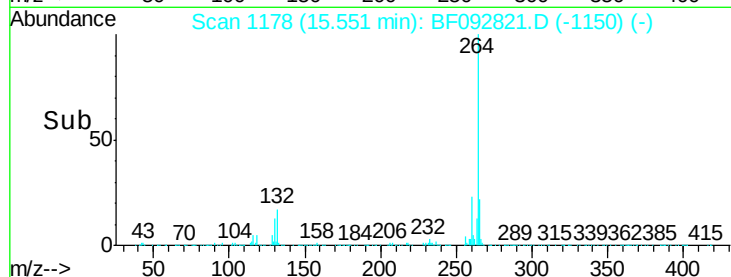
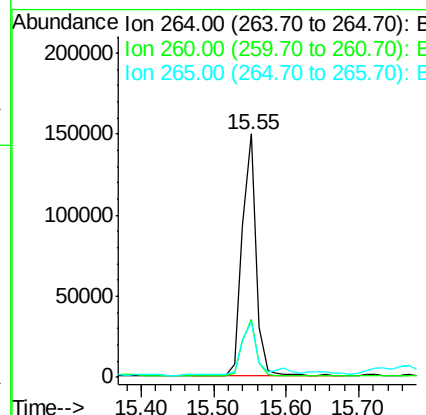
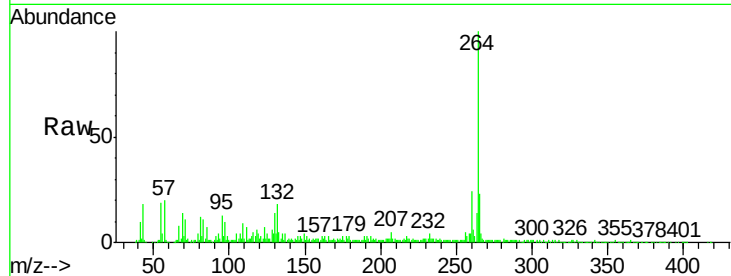




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF092821.D
Acq: 7 Feb 2017 2:55

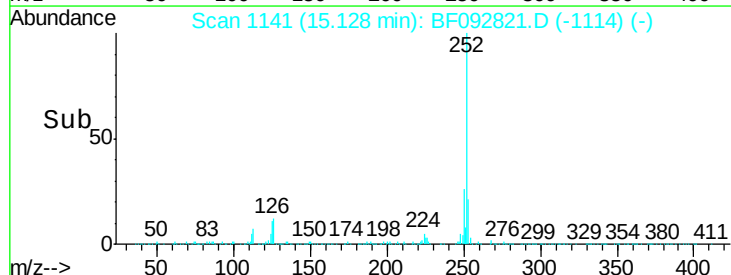
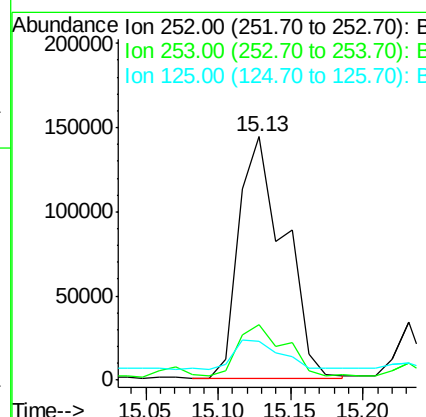
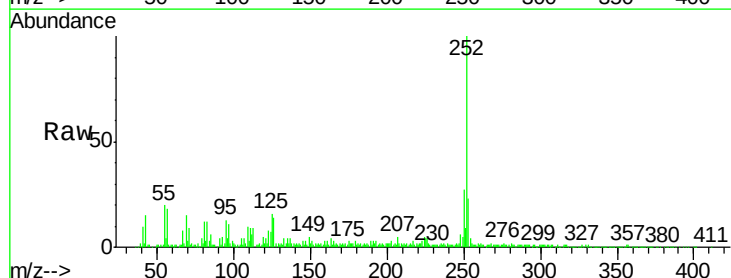
Instrument :
BNA_F
ClientSampleId :
B2-9

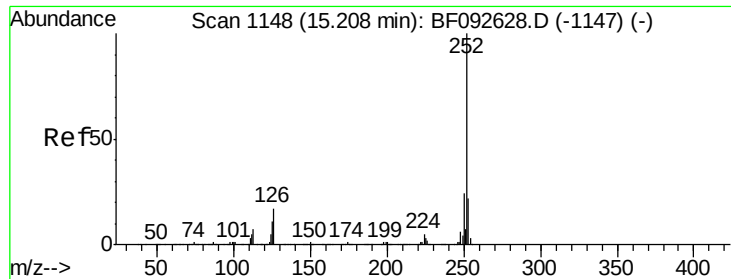
Tgt Ion:	264	Resp:	201495
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	23.0	17.4	26.0



#87
Benzo(b)fluoranthene
Concen: 23.38 ng
RT: 15.13 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF092821.D
Acq: 7 Feb 2017 2:55

Tgt Ion:	252	Resp:	310075
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	16.1	9.8	14.6#

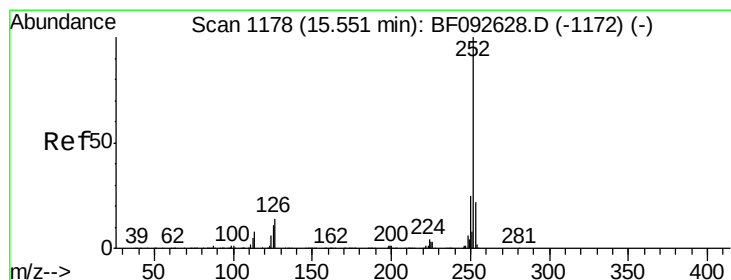
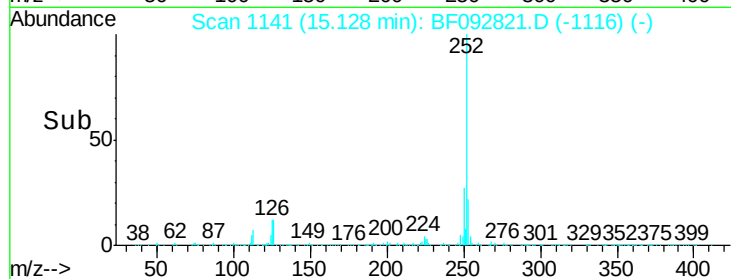
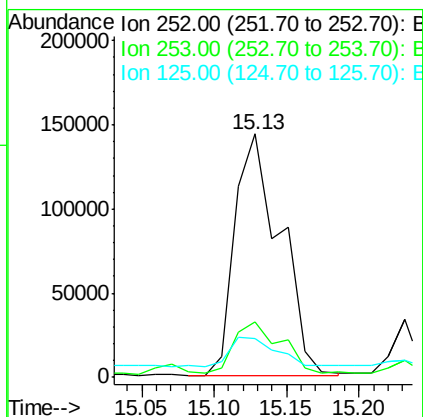
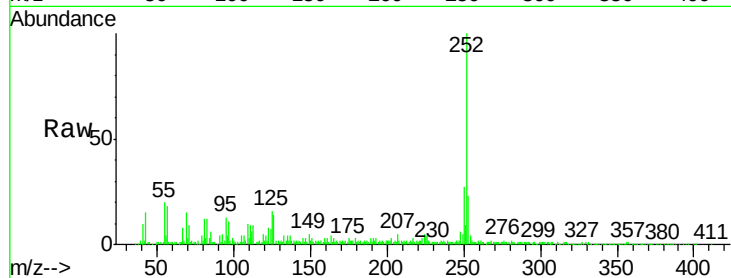




#88
Benzo(k)fluoranthene
Concen: 27.08 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF092821.D
Acq: 7 Feb 2017 2:55

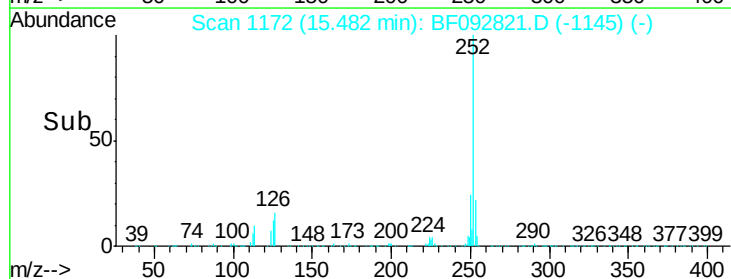
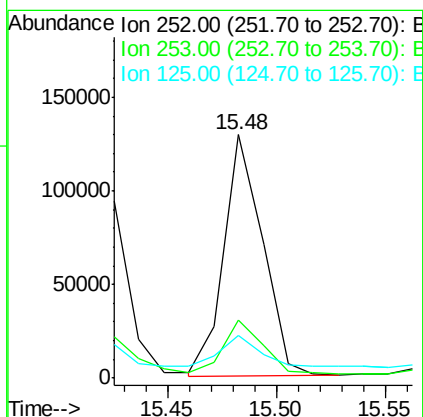
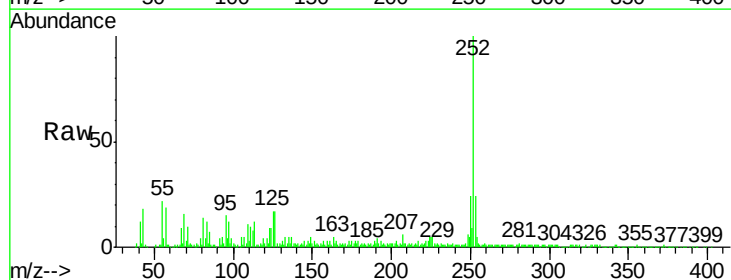
Instrument :
BNA_F
ClientSampleId :
B2-9

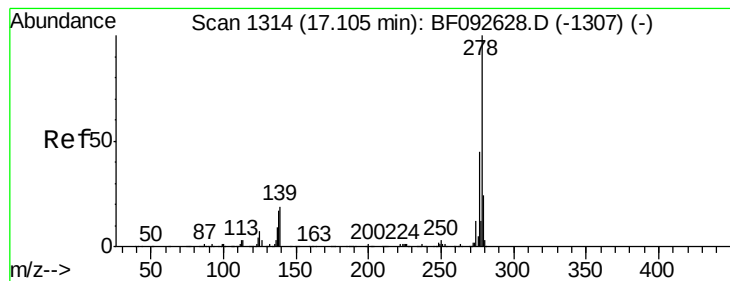
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	16.1	8.9	13.3#



#89
Benzo(a)pyrene
Concen: 13.94 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF092821.D
Acq: 7 Feb 2017 2:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	17.3	10.0	15.0#





#90

Dibenzo(a,h)anthracene

Concen: 2.29 ng

RT: 17.00 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

Instrument :

BNA_F

ClientSampled :

B2-9

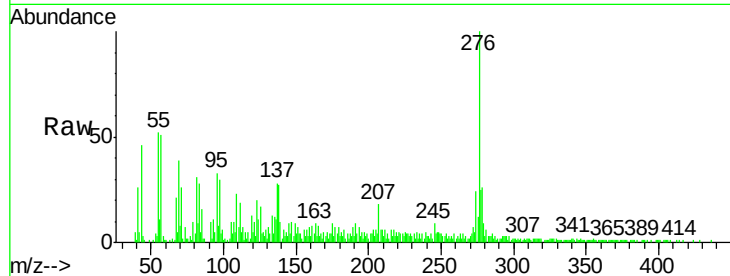
Tgt Ion:278 Resp: 21215

Ion Ratio Lower Upper

278 100

139 38.8 14.8 22.2#

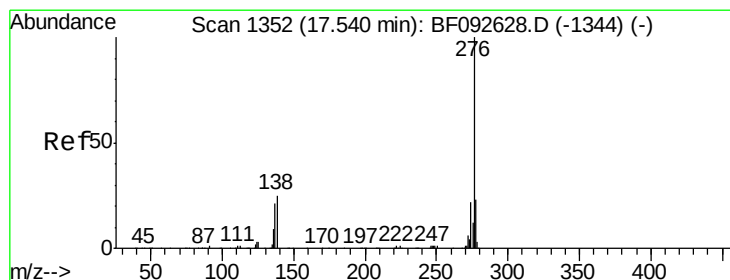
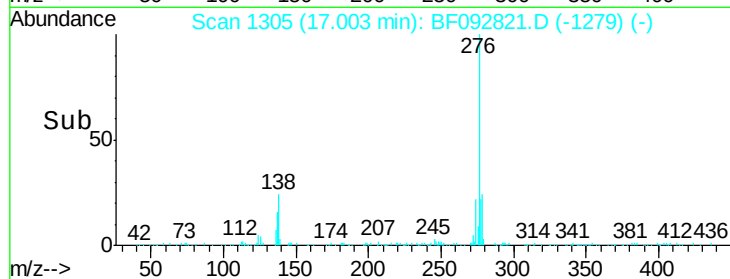
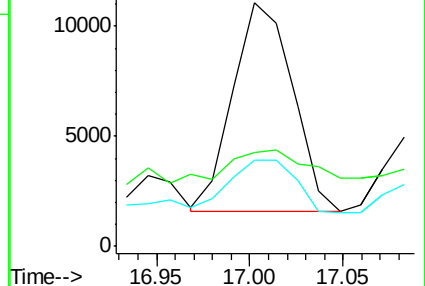
279 35.3 19.8 29.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 7.77 ng

RT: 17.44 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF092821.D

Acq: 7 Feb 2017 2:55

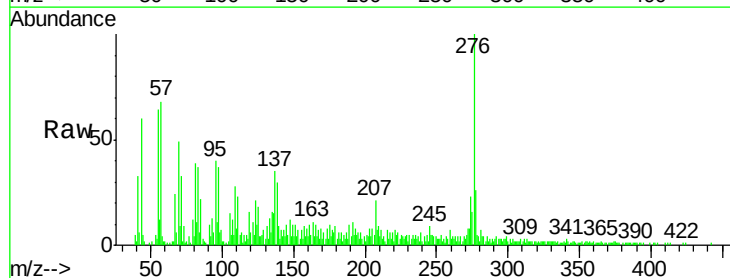
Tgt Ion:276 Resp: 72791

Ion Ratio Lower Upper

276 100

277 25.9 19.2 28.8

138 30.3 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

