

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108392.D
 Acq On : 22 Aug 2018 19:22
 Operator : JU/SJ
 Sample : J4559-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 02:16:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	145114	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	547510	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	260087	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	434982	20.00	ng	0.00
75) Chrysene-d12	14.20	240	251321	20.00	ng	0.00
86) Perylene-d12	15.77	264	284347	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	787996	98.31	ng	0.00
7) Phenol-d6	6.62	99	1082803	101.66	ng	0.00
23) Nitrobenzene-d5	7.57	82	711952	72.56	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	275019	106.01	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1076017	66.42	ng	0.00
78) Terphenyl-d14	13.13	244	687811	69.58	ng	0.00

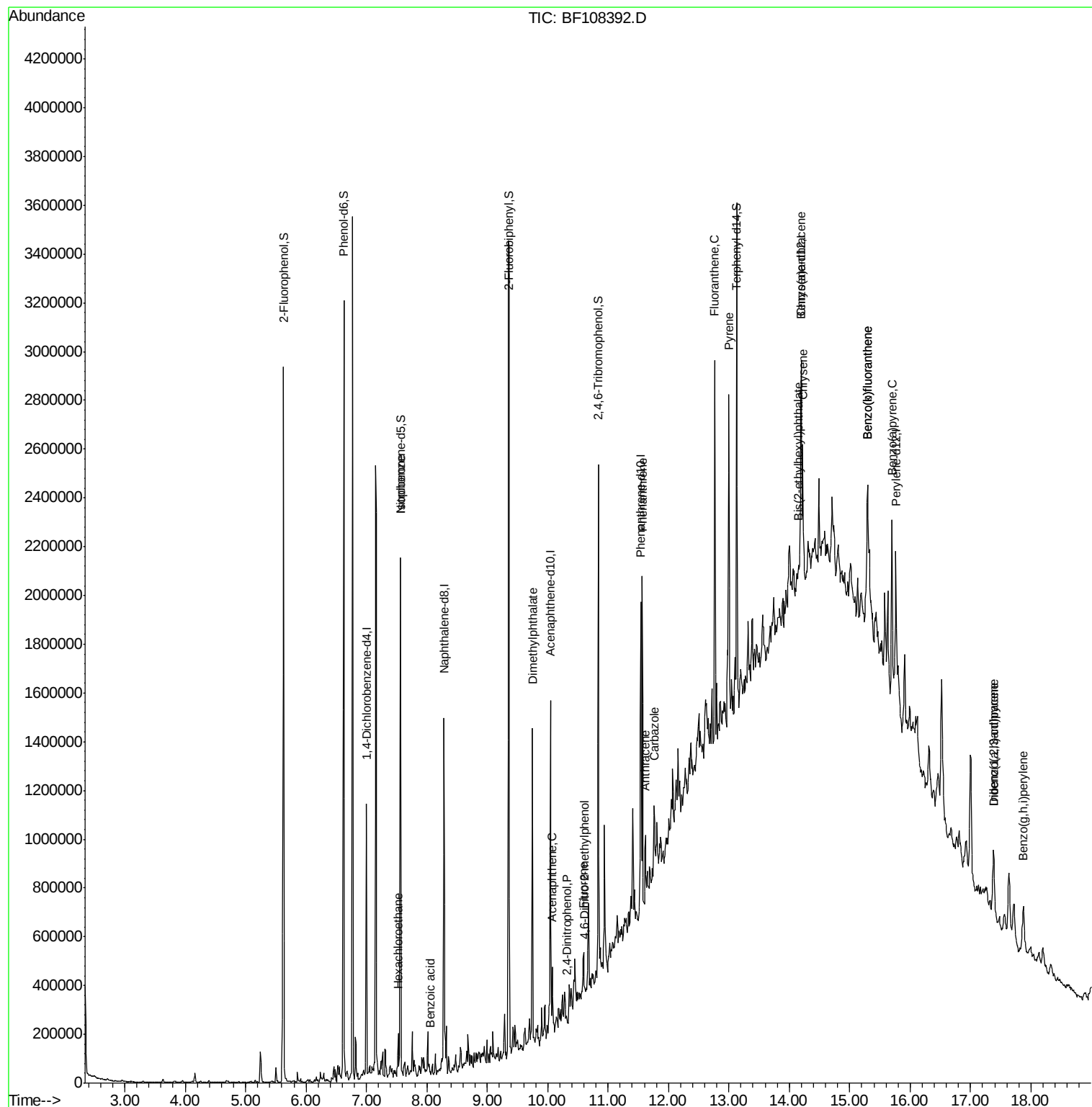
Target Compounds				Qvalue		
18) Hexachloroethane	7.52	117	8247	2.209	ng	# 1
25) Isophorone	7.57	82	711758	38.059	ng	# 64
32) Benzoic acid	8.07	122	794	6.119	ng	# 19
49) Dimethylphthalate	9.75	163	370613	20.456	ng	# 99
51) Acenaphthene	10.08	154	44166	3.009	ng	96
53) 2,4-Dinitrophenol	10.32	184	541	7.369	ng	# 32
57) Fluorene	10.60	166	43845	2.605	ng	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	144	5.437	ng	# 1
70) Phenanthrene	11.57	178	460528	22.447	ng	100
71) Anthracene	11.62	178	109518	5.208	ng	97
72) Carbazole	11.77	167	51804	2.773	ng	# 92
74) Fluoranthene	12.77	202	649264	28.996	ng	96
77) Pvrene	13.00	202	568964	35.759	ng	99
80) Benzo(a)anthracene	14.19	228	269055	18.654	ng	96
82) Chrysene	14.22	228	248444	18.789	ng	97
83) Bis(2-ethylhexyl)phthalate	14.15	149	24610	2.876	ng	# 79
85) Indeno(1,2,3-cd)pvrene	17.38	276	191888	16.748	ng	# 86
87) Benzo(b)fluoranthene	15.29	252	506787	29.827	ng	# 91
88) Benzo(k)fluoranthene	15.29	252	506787	32.447	ng	94
89) Benzo(a)pvrene	15.70	252	275705	18.121	ng	# 95
90) Dibenzo(a,h)anthracene	17.38	278	45802	3.638	ng	# 62
91) Benzo(g,h,i)perylene	17.88	276	182909	14.755	ng	# 89

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

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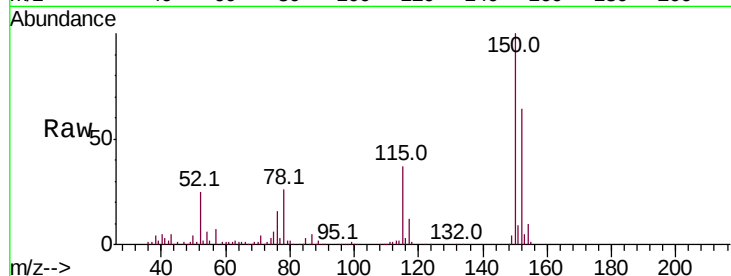


#1

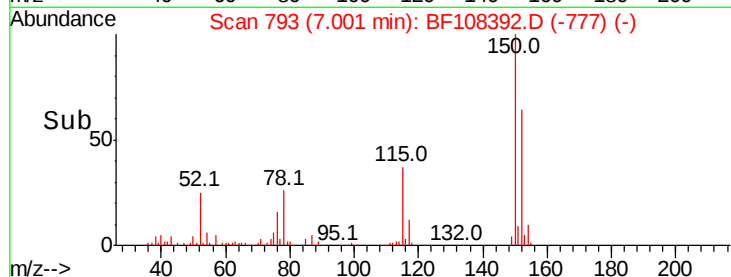
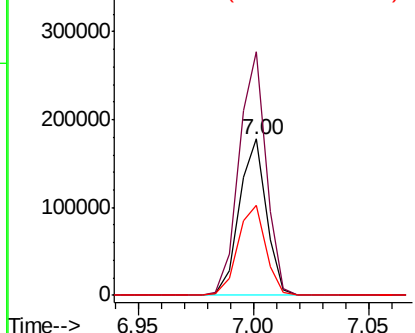
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108392.D
Acq: 22 Aug 2018 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	57.7	50.1	75.1



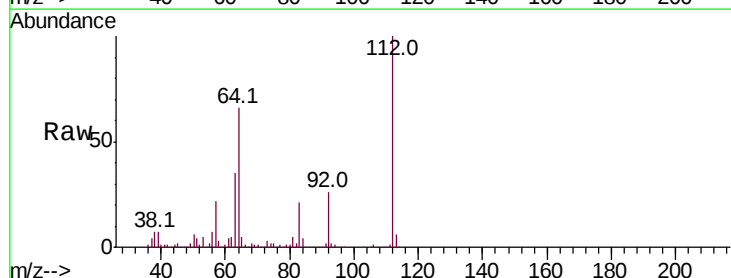
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



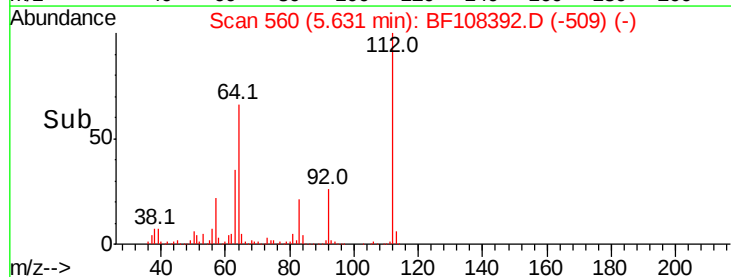
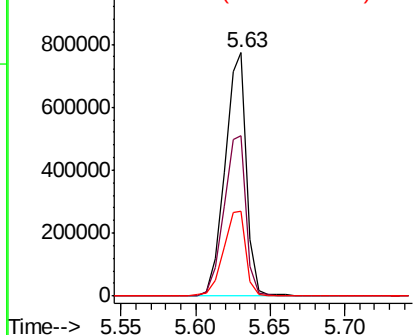
#5

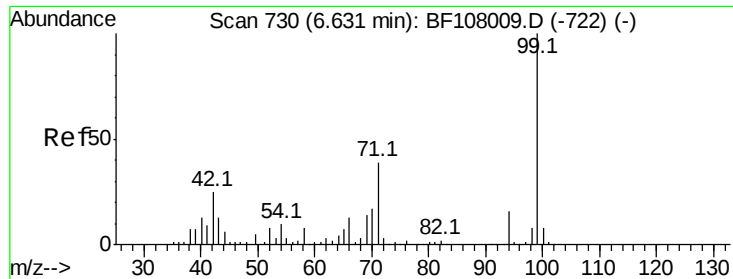
2-Fluorophenol
Concen: 98.311 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108392.D
Acq: 22 Aug 2018 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	35.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.659 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

Instrument :

BNA_F

ClientSampleId :

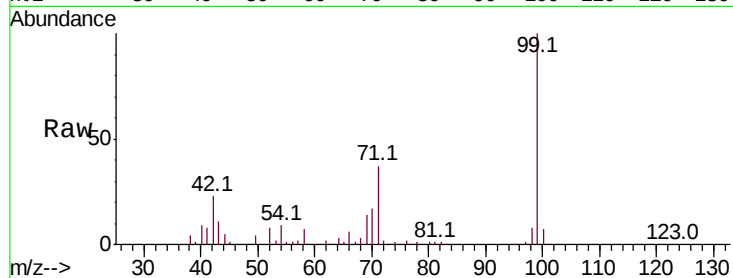
Tot Ion: 99 Resp: 1082803

Ion Ratio Lower Upper

99 100

42 22.8 14.5 21.7#

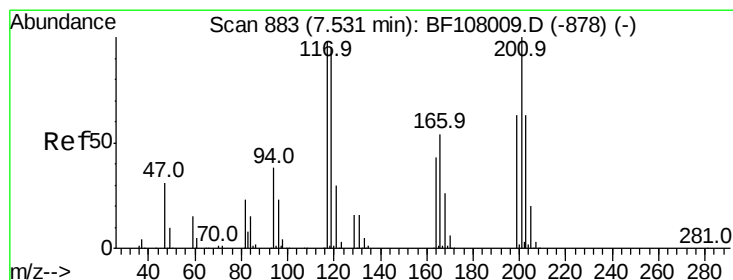
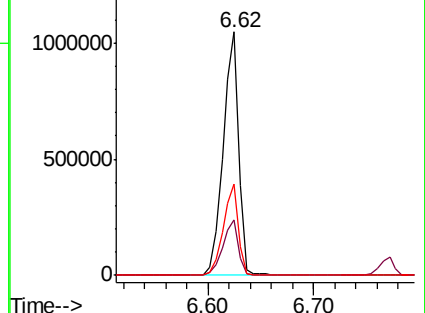
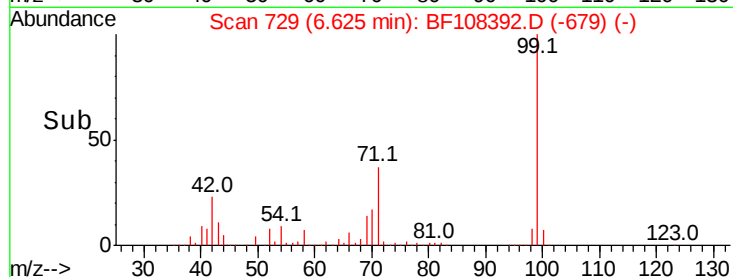
71 37.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#18

Hexachloroethane

Concen: 2.209 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

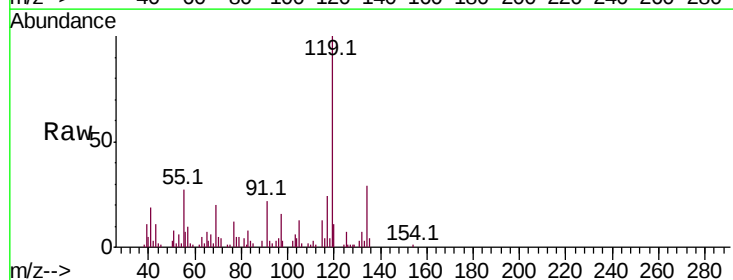
Tgt Ion:117 Resp: 8247

Ion Ratio Lower Upper

117 100

119 425.0 75.8 113.8#

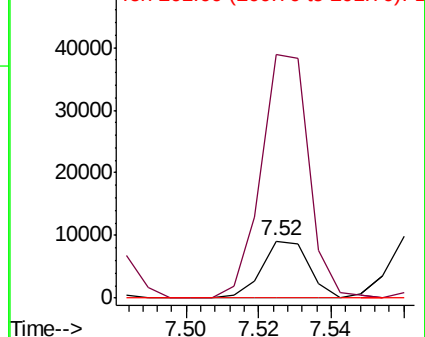
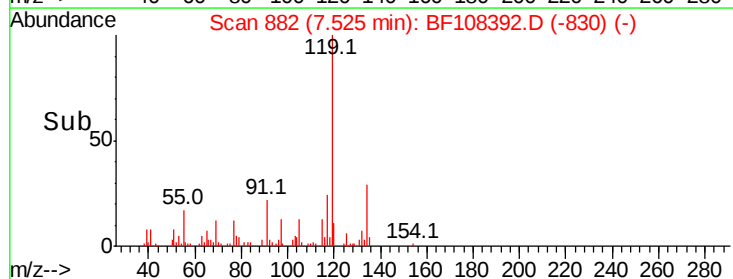
201 0.0 75.7 113.5#

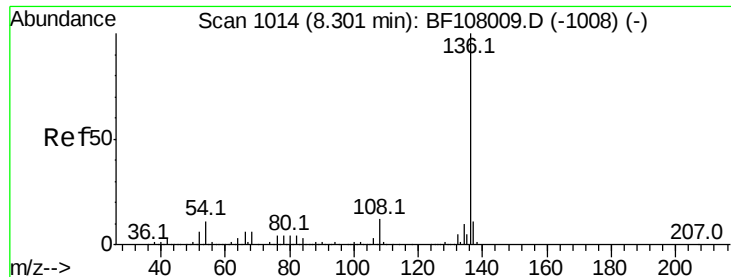


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

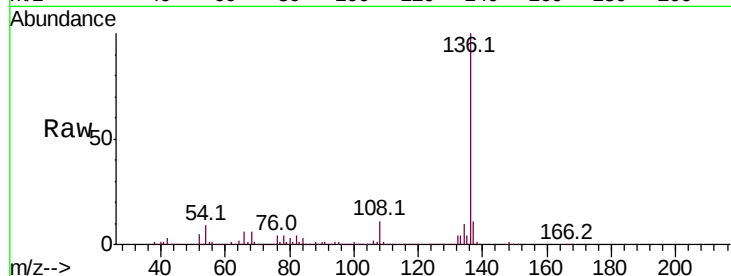




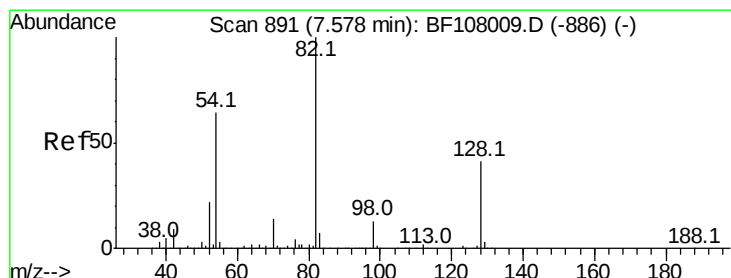
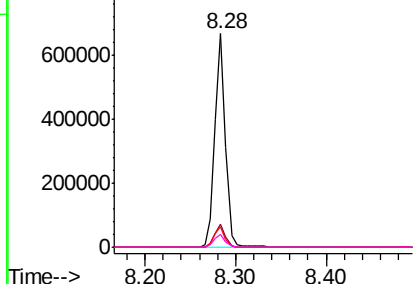
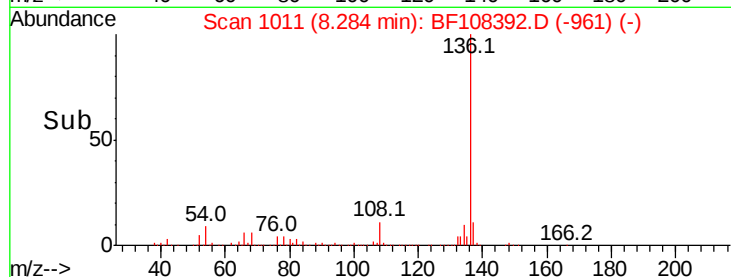
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108392.D
Acq: 22 Aug 2018 19:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	547510
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 9.4	6.6	9.8
68 6.0	5.0	7.4

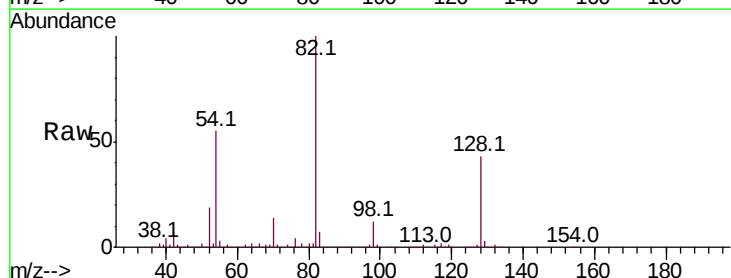


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

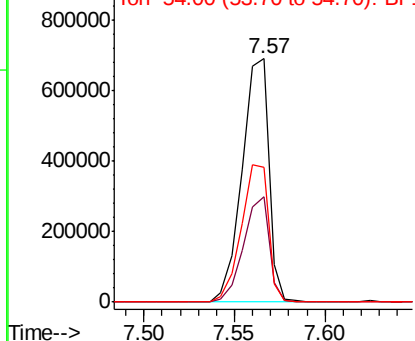
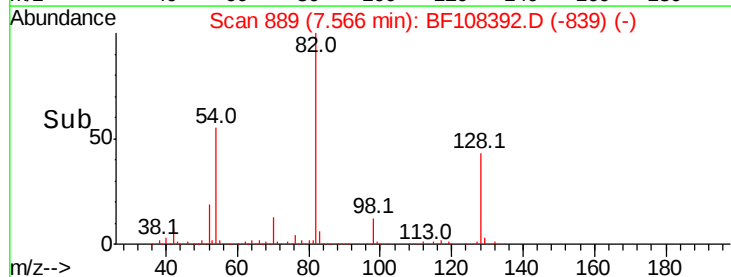


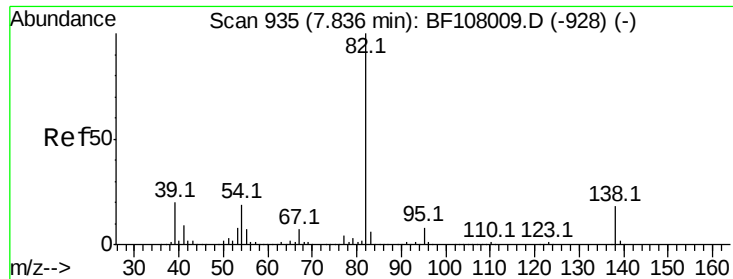
#23
Nitrobenzene-d5
Concen: 72.561 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108392.D
Acq: 22 Aug 2018 19:22

Tgt Ion: 82	Resp: 711952
Ion Ratio	Lower Upper
82 100	
128 43.4	36.1 54.1
54 55.4	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.059 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

Instrument :

BNA_F

ClientSampled :

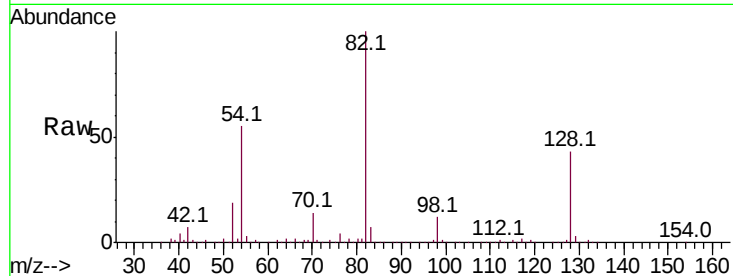
Tot Ion: 82 Resp: 711758

Ion Ratio Lower Upper

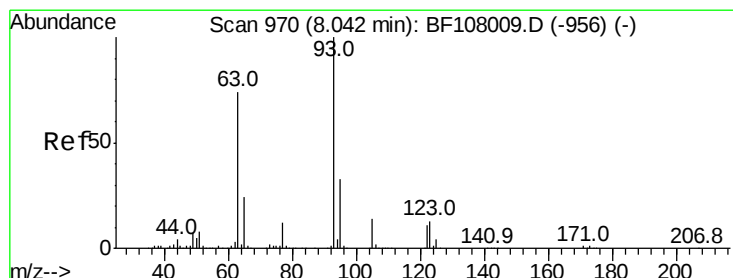
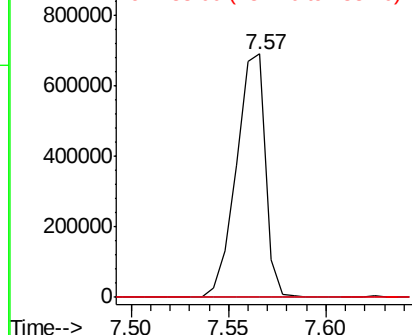
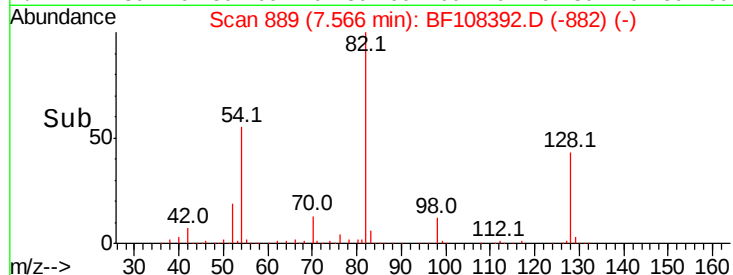
82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 6.119 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.03 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

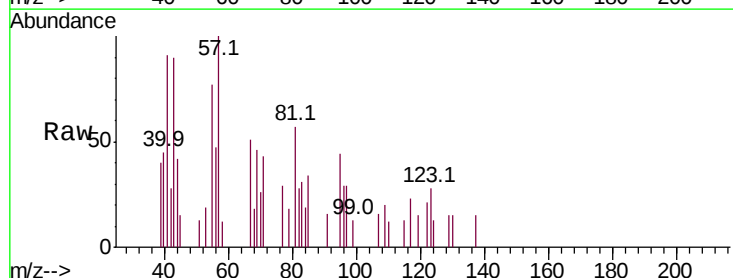
Tgt Ion: 122 Resp: 794

Ion Ratio Lower Upper

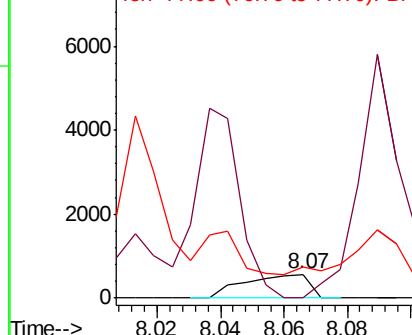
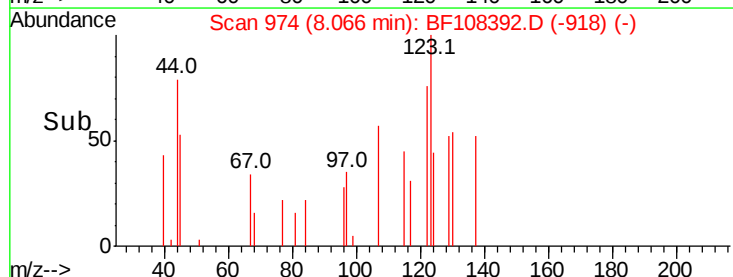
122 100

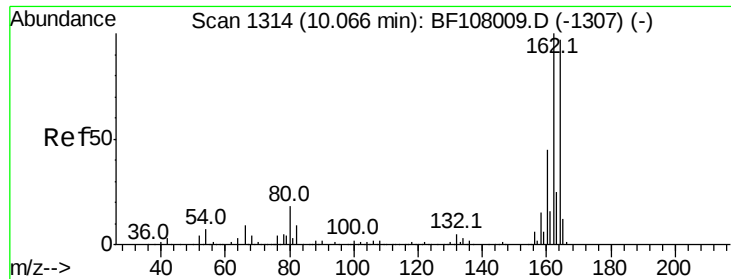
105 0.0 101.1 141.1#

77 132.8 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

Instrument :

BNA_F

ClientSampleId :

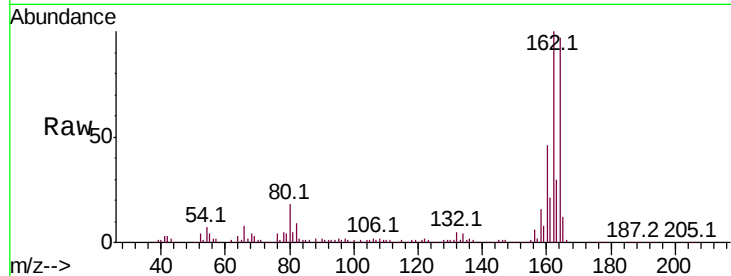
Tot Ion:164 Resp: 260087

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

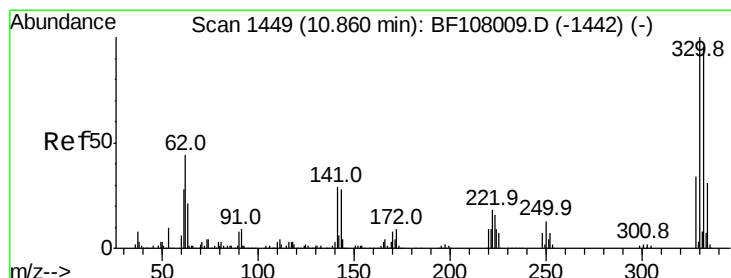
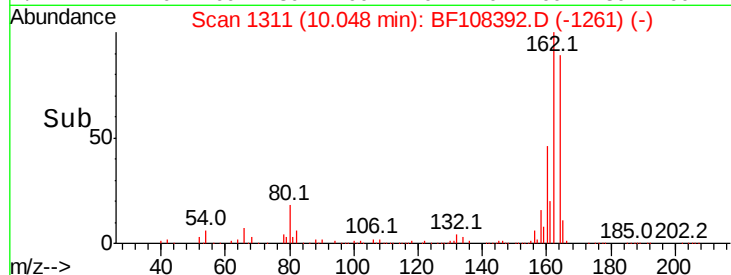
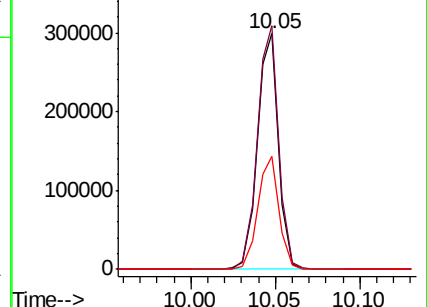
160 47.9 38.3 57.5



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: 106.009 ng

RT: 10.84 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

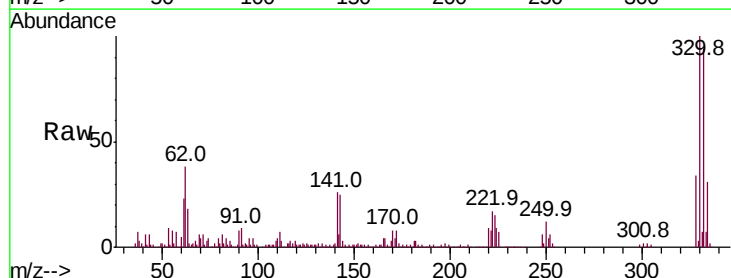
Tgt Ion:330 Resp: 275019

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

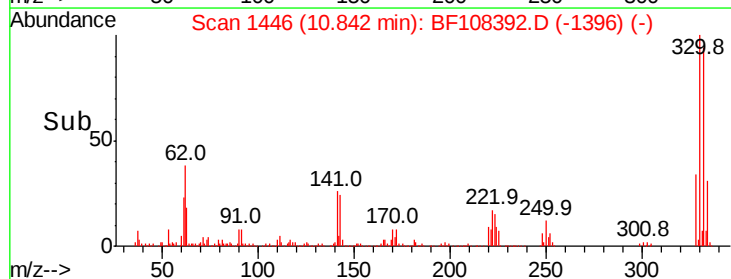
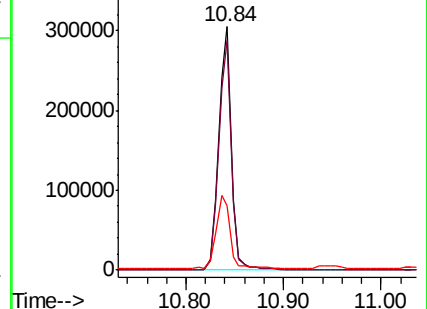
141 32.5 29.9 44.9

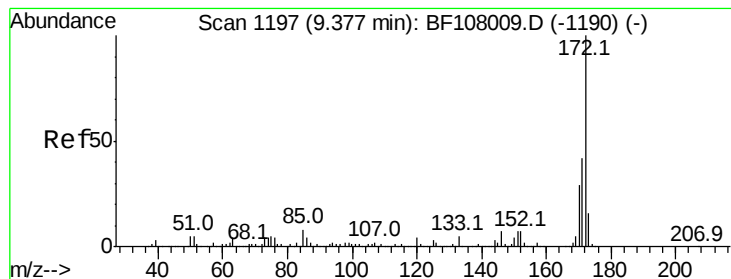


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

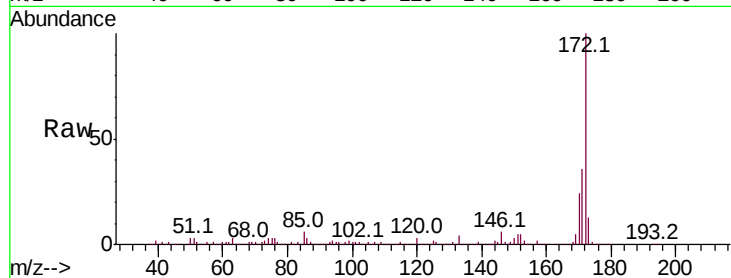




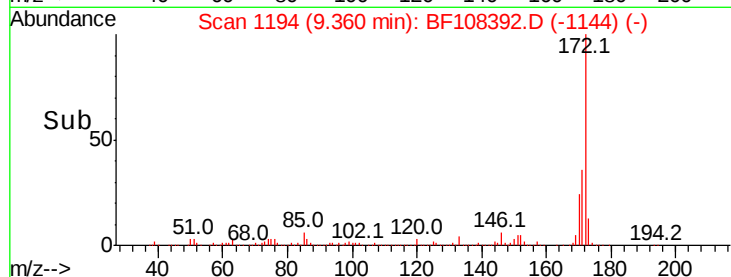
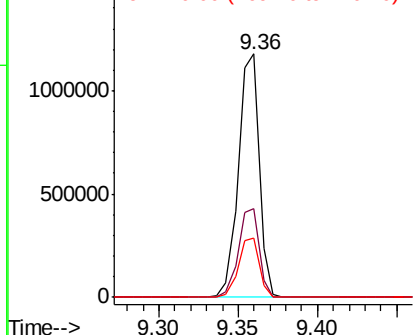
#44
2-Fluorobiphenyl
Concen: 66.421 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108392.D
Acq: 22 Aug 2018 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1076017
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.2 19.6 29.4

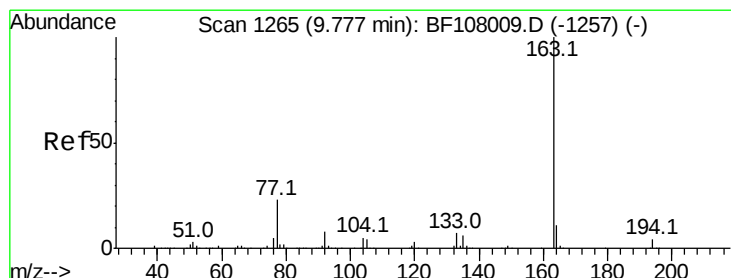


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

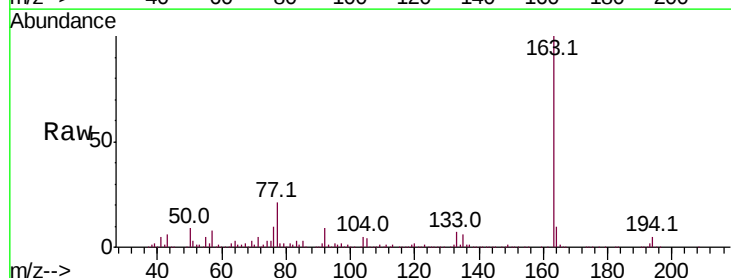
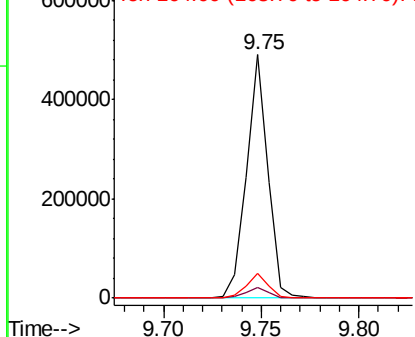


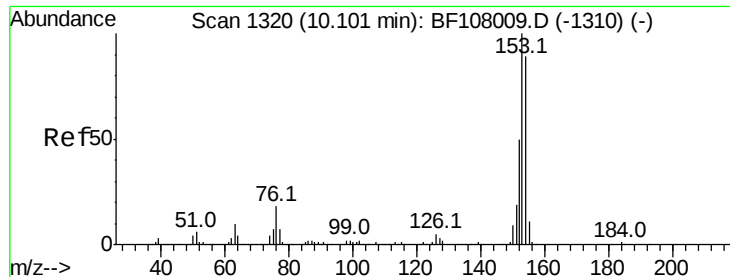
#49
Dimethylphthalate
Concen: 20.456 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108392.D
Acq: 22 Aug 2018 19:22

Tgt Ion:163 Resp: 370613
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 10.2 8.2 12.2



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: 3.009 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

Instrument :

BNA_F

ClientSampleId :

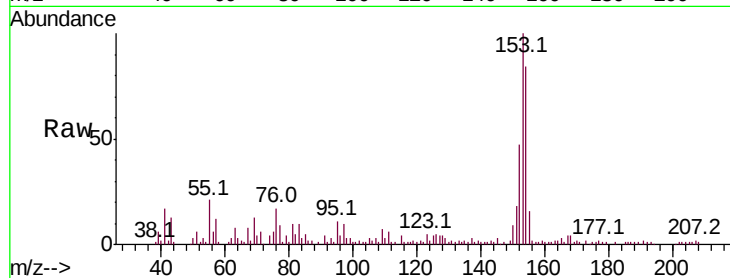
Tot Ion:154 Resp: 44166

Ion Ratio Lower Upper

154 100

153 119.6 91.2 136.8

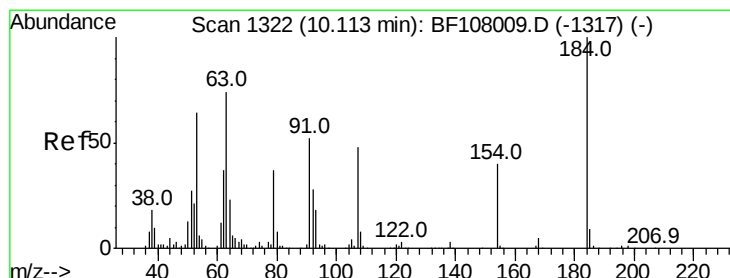
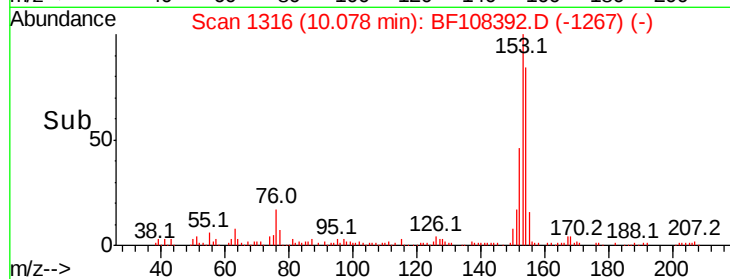
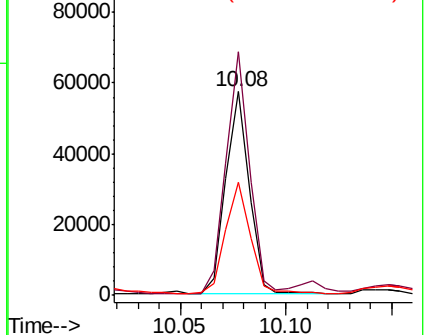
152 55.8 43.8 65.8



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: 7.369 ng

RT: 10.32 min Scan# 1358

Delta R.T. 0.22 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

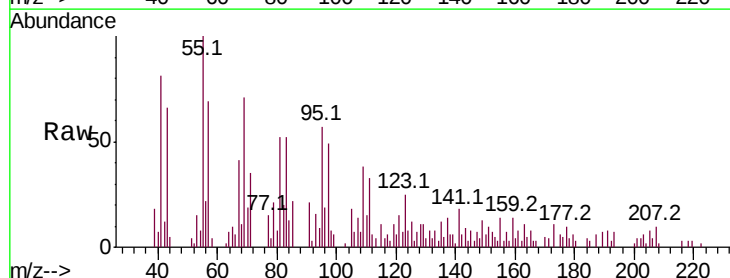
Tgt Ion:184 Resp: 541

Ion Ratio Lower Upper

184 100

63 61.6 54.2 81.2

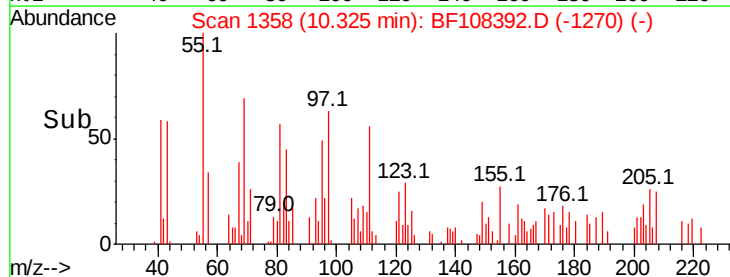
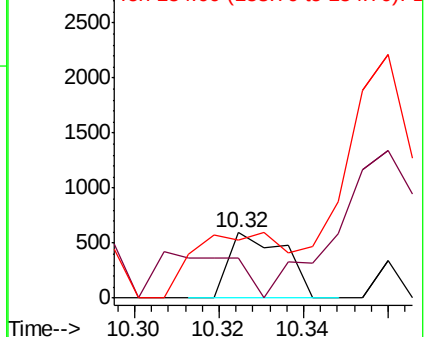
154 87.6 184.0 276.0#

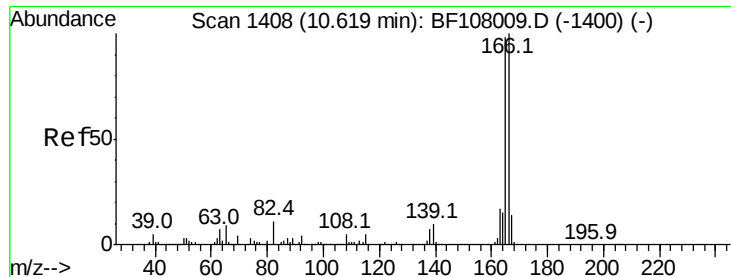


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#57

Fluorene

Concen: 2.605 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

Instrument :

BNA_F

ClientSampleId :

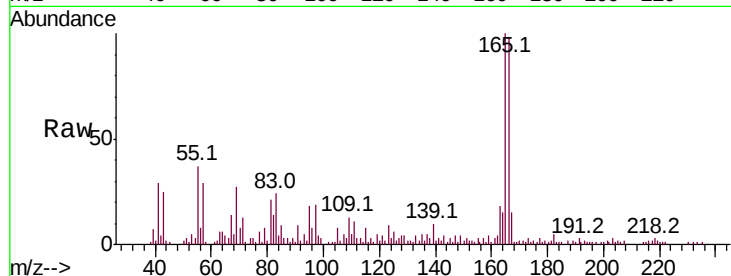
Tot Ion:166 Resp: 43845

Ion Ratio Lower Upper

166 100

165 102.2 79.8 119.8

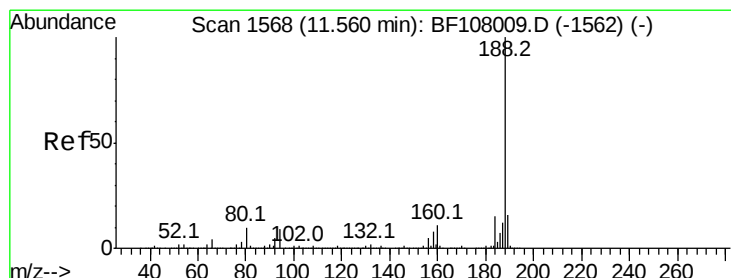
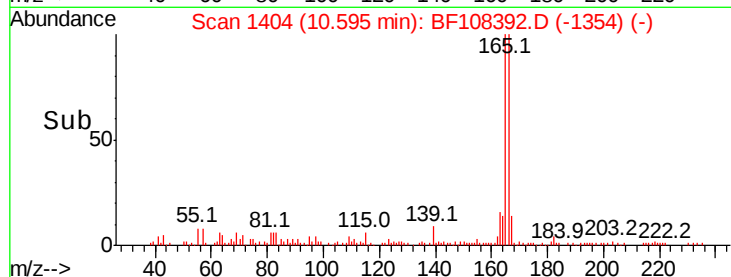
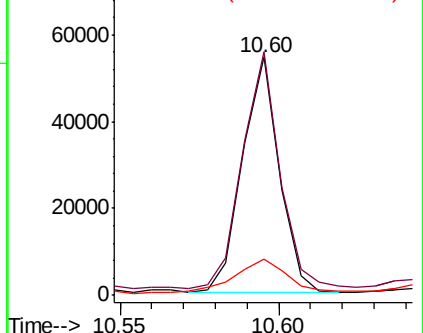
167 15.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

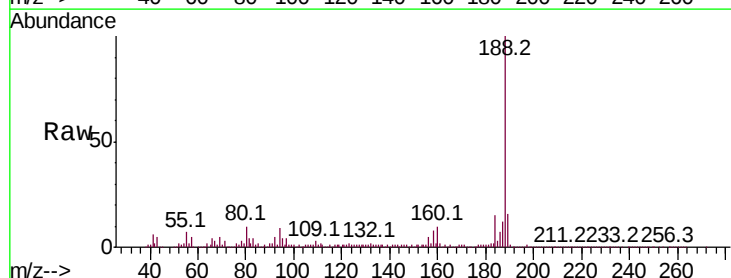
Tgt Ion:188 Resp: 434982

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

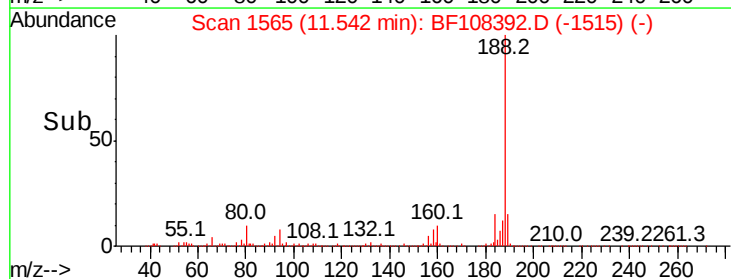
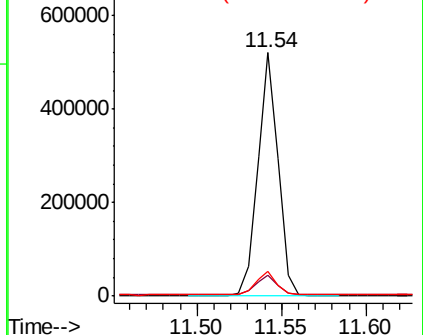
80 10.2 9.2 13.8

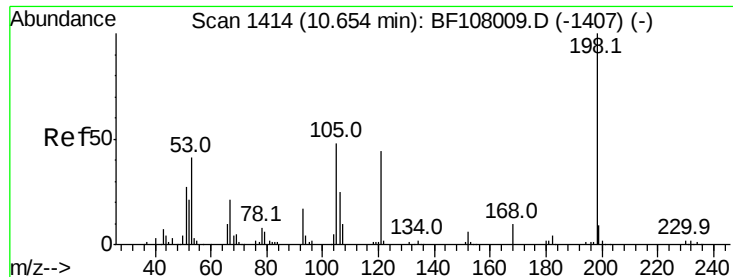


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.437 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.04 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

Instrument :

BNA_F

ClientSampled :

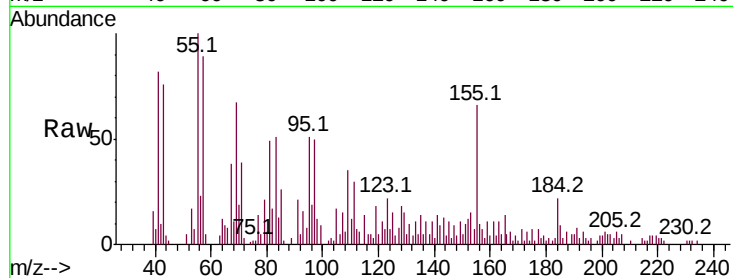
Tot Ion:198 Resp: 144

Ion Ratio Lower Upper

198 100

51 285.5 37.7 77.7#

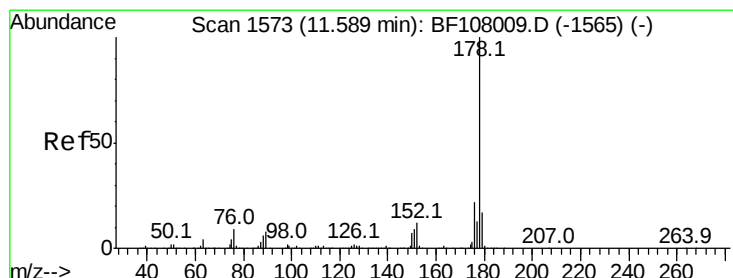
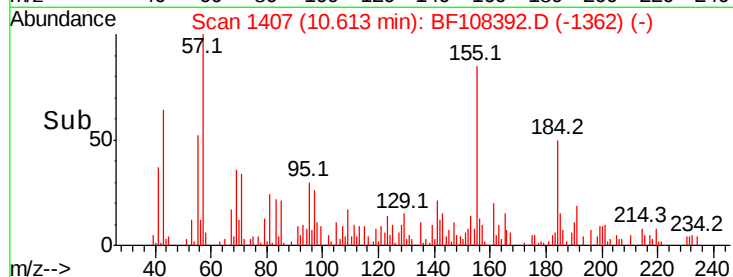
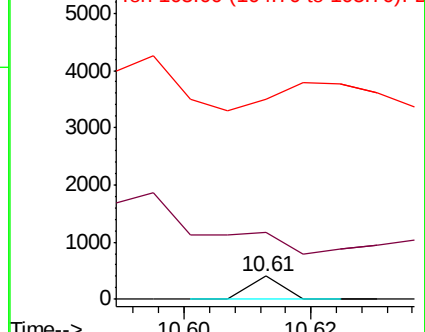
105 860.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: 22.447 ng

RT: 11.57 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

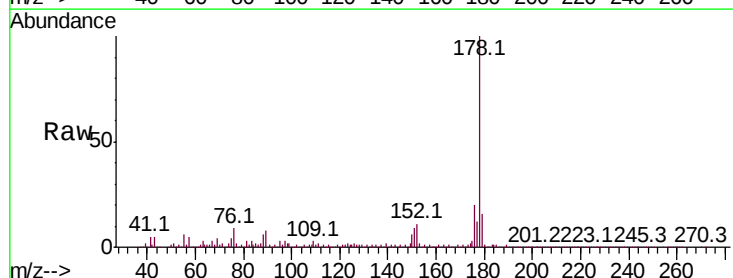
Tgt Ion:178 Resp: 460528

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

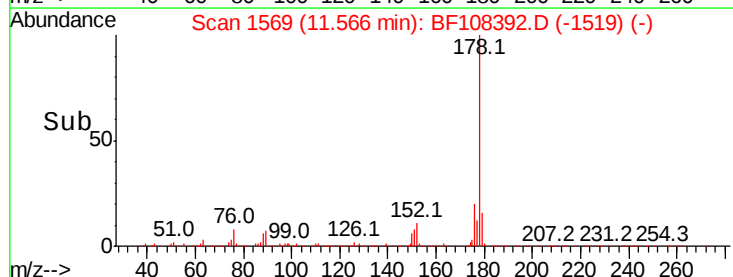
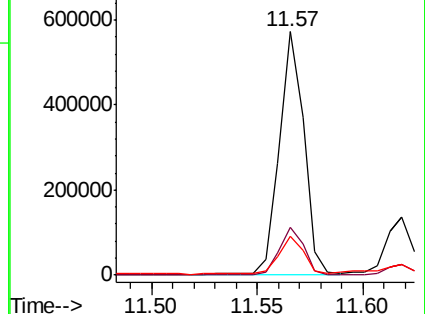
179 16.1 13.0 19.6

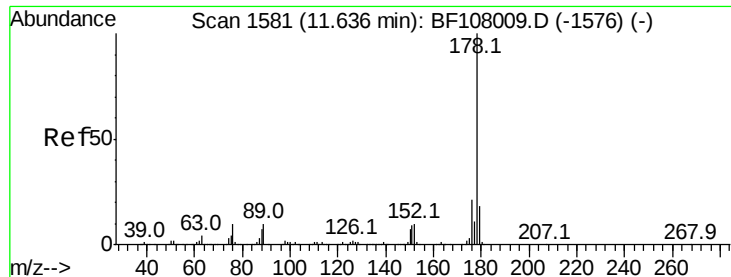


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

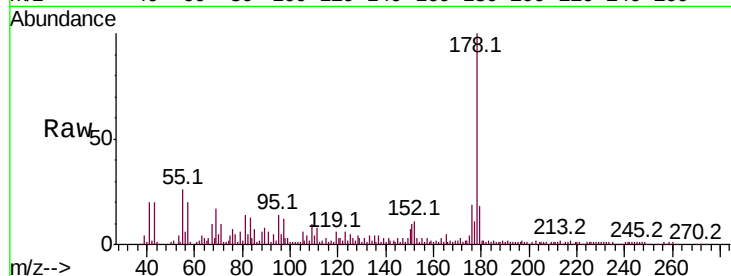




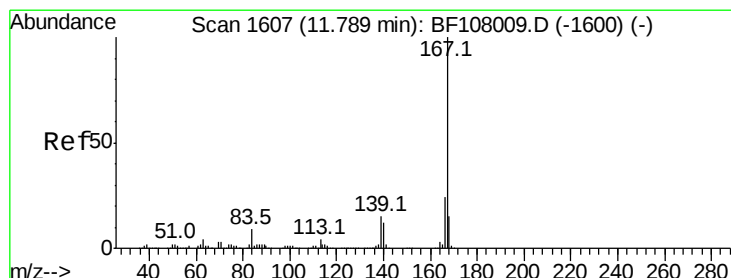
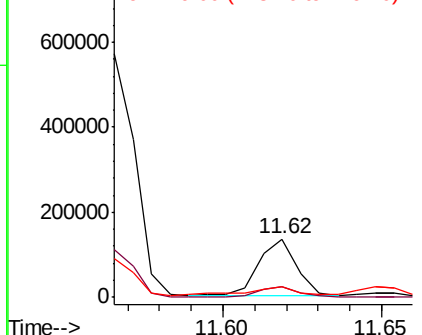
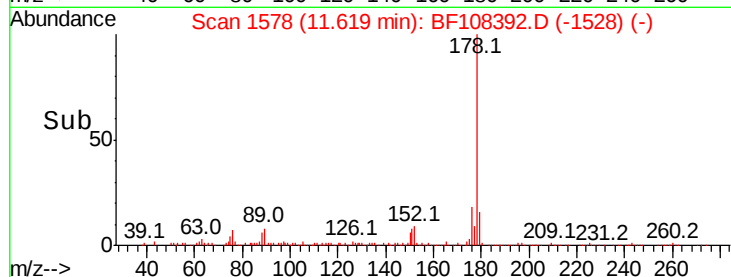
#71
 Anthracene
 Concen: 5.208 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108392.D
 Acq: 22 Aug 2018 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 109518
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 17.9 12.6 19.0

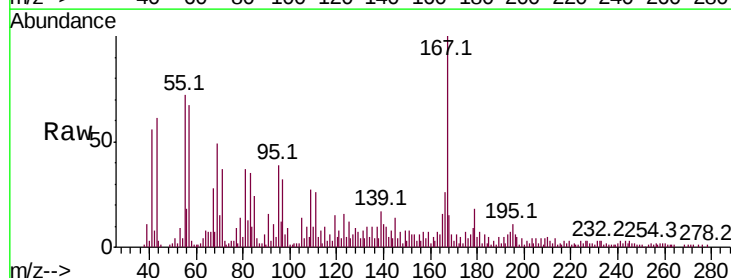


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

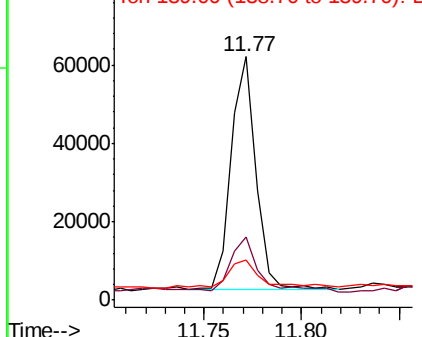
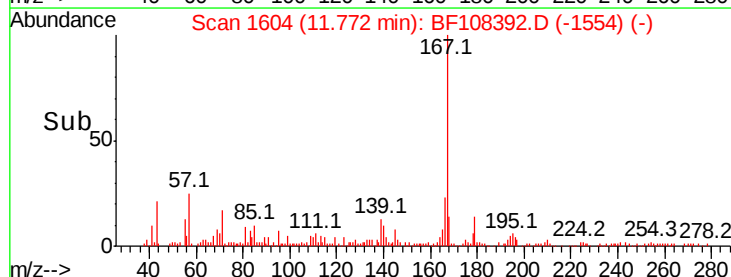


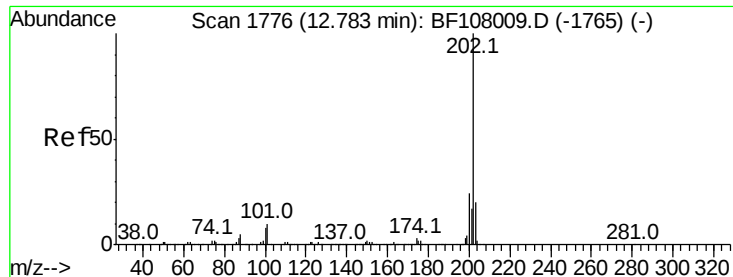
#72
 Carbazole
 Concen: 2.773 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108392.D
 Acq: 22 Aug 2018 19:22

Tgt Ion:167 Resp: 51804
 Ion Ratio Lower Upper
 167 100
 166 25.7 17.6 26.4
 139 16.6 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 28.996 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108392.D

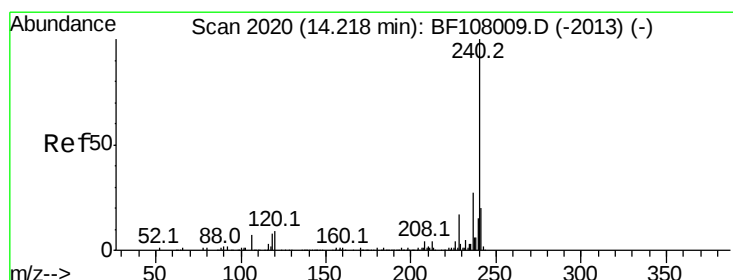
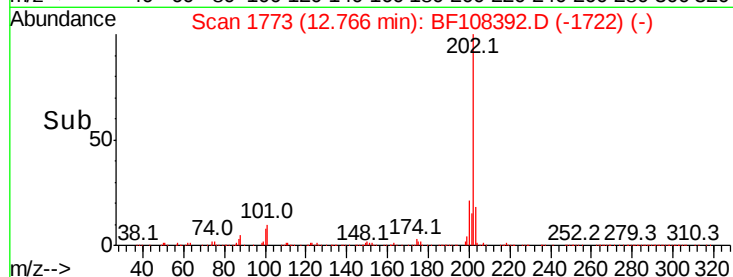
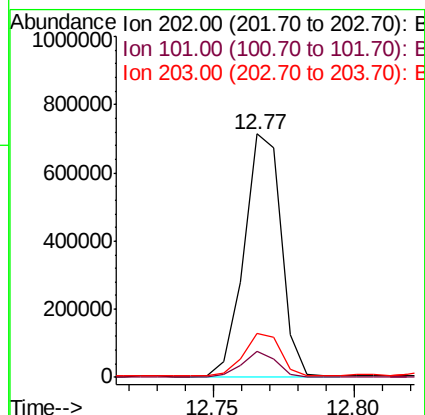
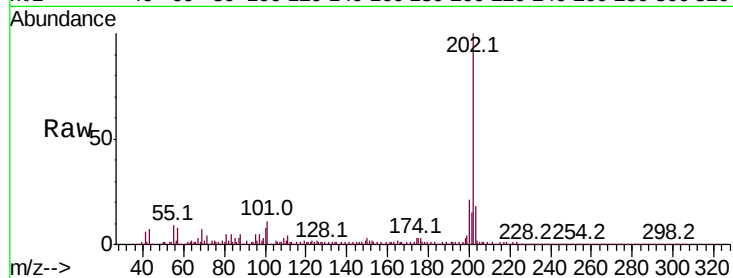
Acq: 22 Aug 2018 19:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	649264
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	18.1	0.0	38.1



#75

Chrysene-d12

Concen: 20.000 ng

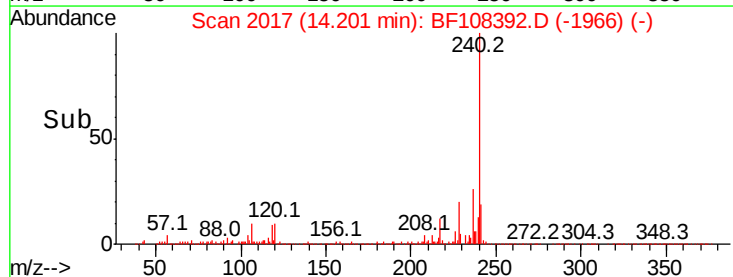
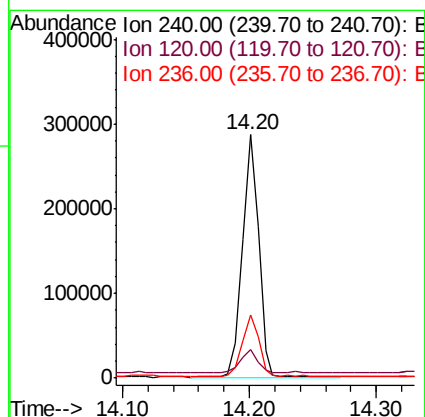
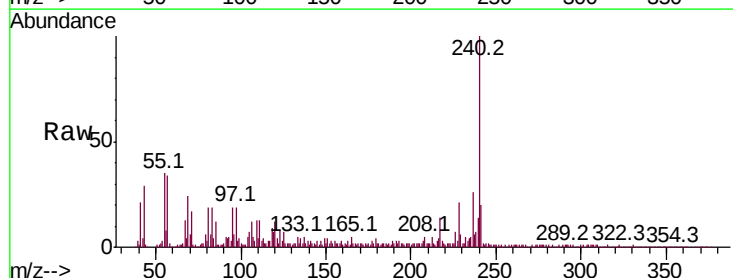
RT: 14.20 min Scan# 2017

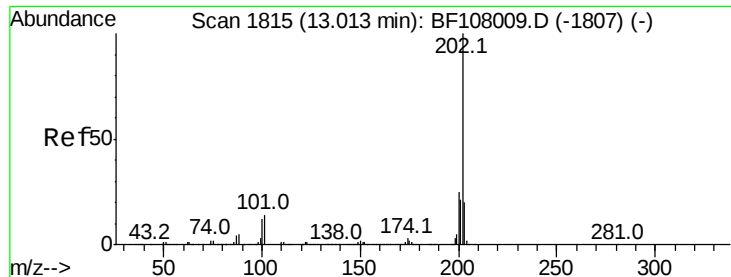
Delta R.T. -0.00 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

Tgt Ion:	240	Resp:	251321
Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.1	20.7	31.1





#77

Pvrene

Concen: 35.759 ng

RT: 13.00 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

Instrument :

BNA_F

ClientSampleId :

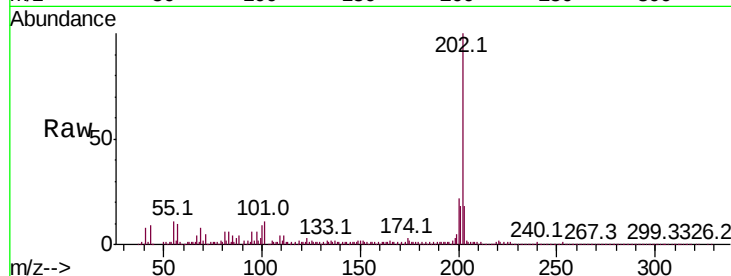
Tot Ion:202 Resp: 568964

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

203 18.5 14.3 21.5

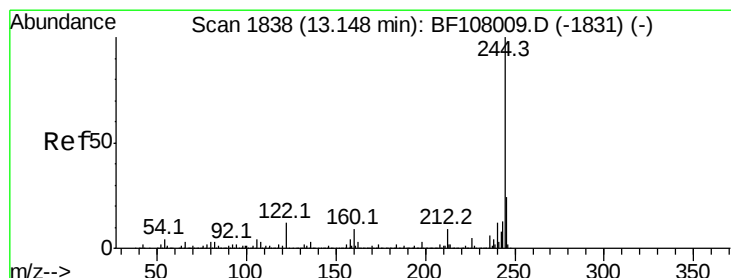
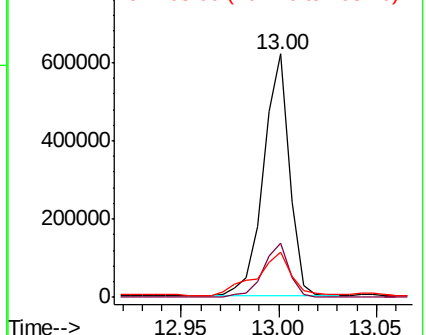
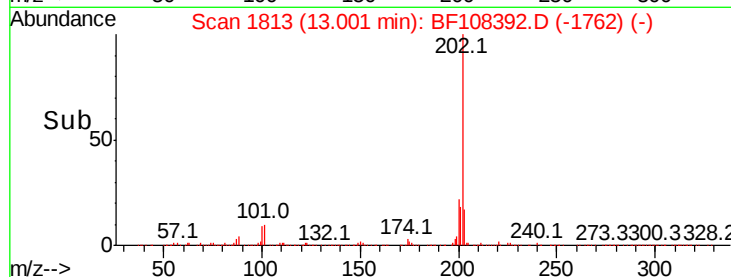


Abundance

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: 69.585 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

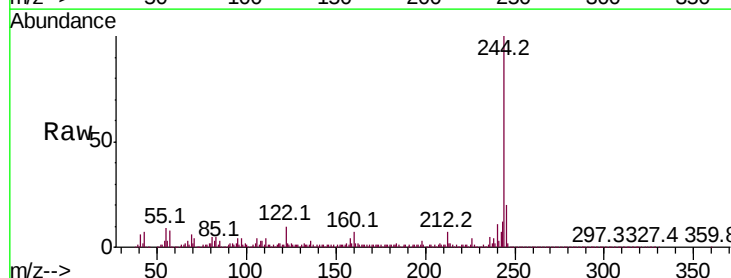
Tgt Ion:244 Resp: 687811

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

122 9.5 11.0 16.4#

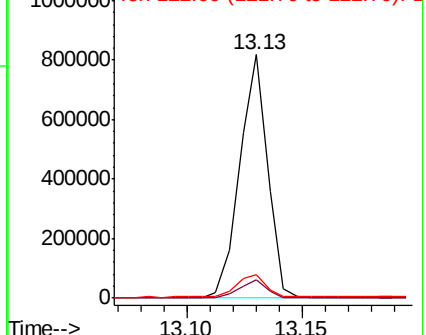
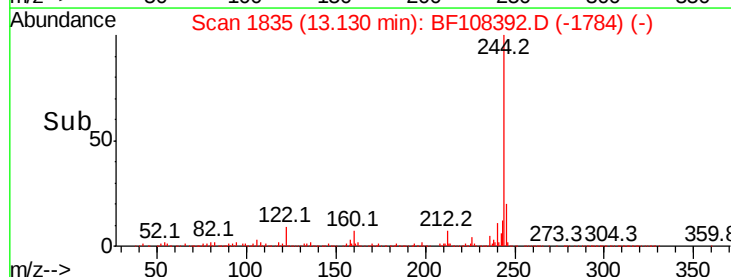


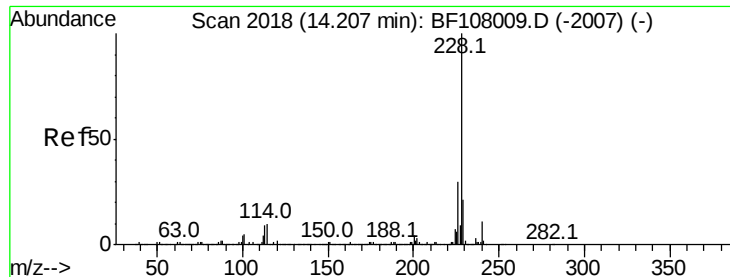
Abundance

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: 18.654 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

Instrument :

BNA_F

ClientSampleId :

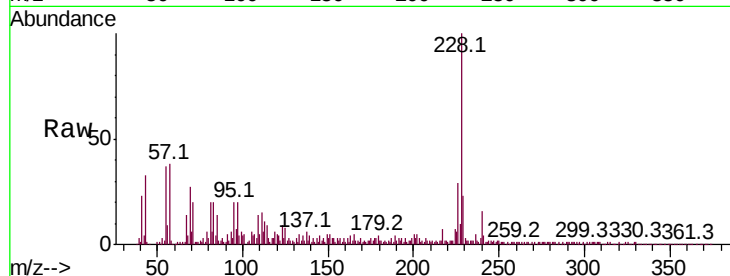
Tot Ion:228 Resp: 269055

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

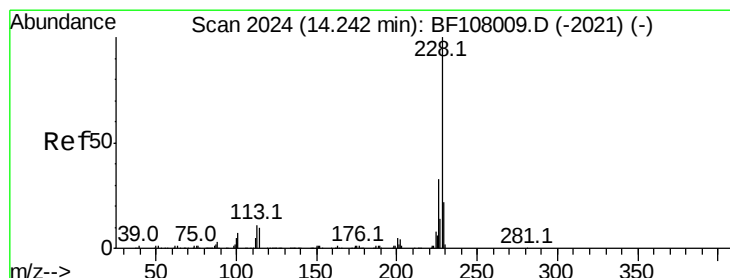
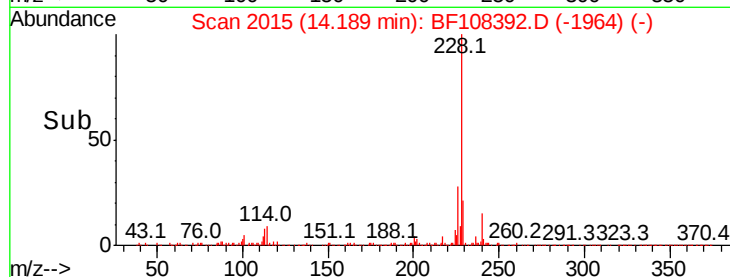
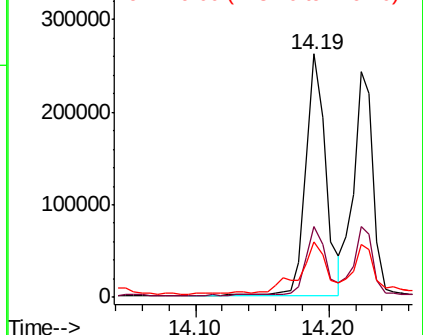
229 22.9 15.8 23.6



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



#82

Chrysene

Concen: 18.789 ng

RT: 14.22 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

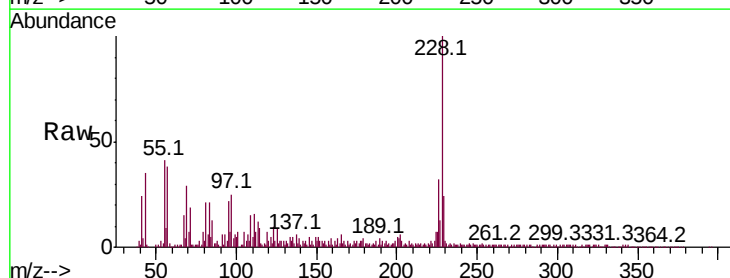
Tgt Ion:228 Resp: 248444

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

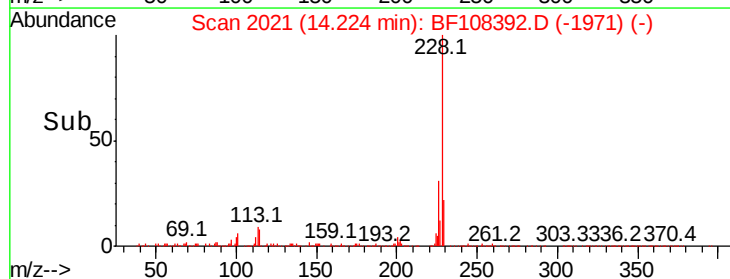
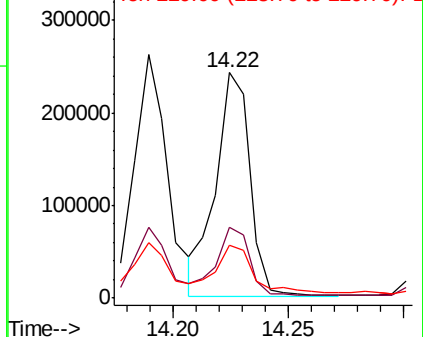
229 23.7 16.2 24.4

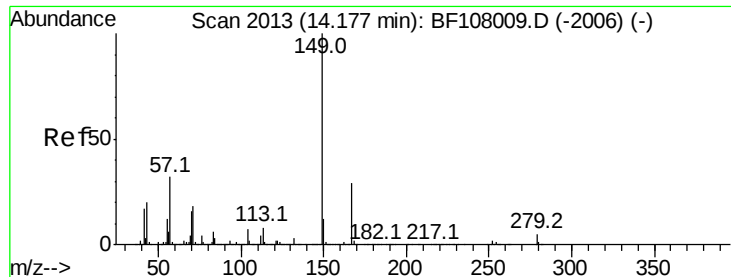


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

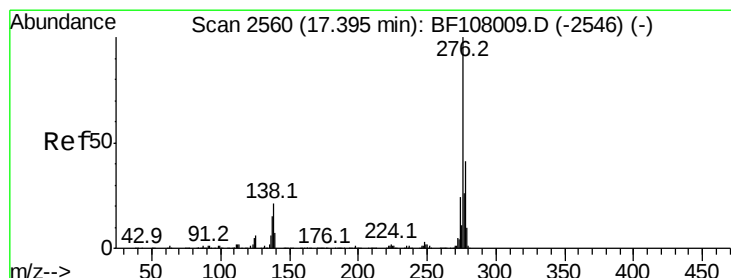
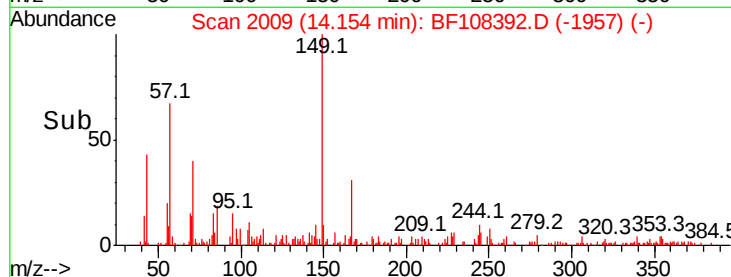
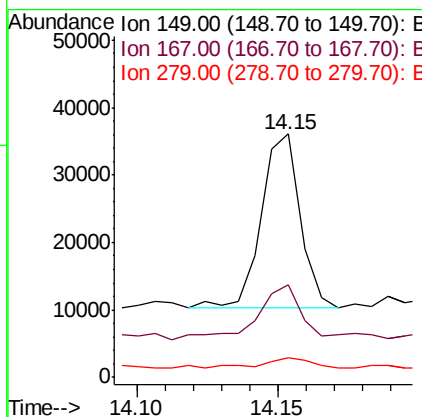
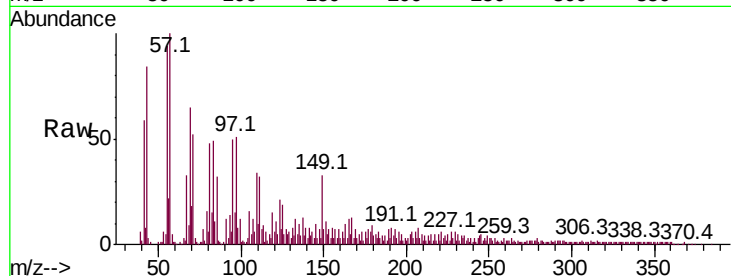




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.876 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF108392.D
 Acq: 22 Aug 2018 19:22

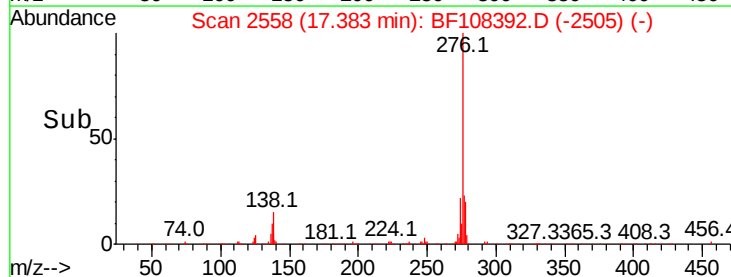
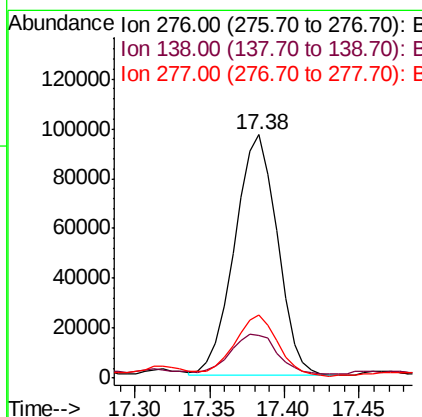
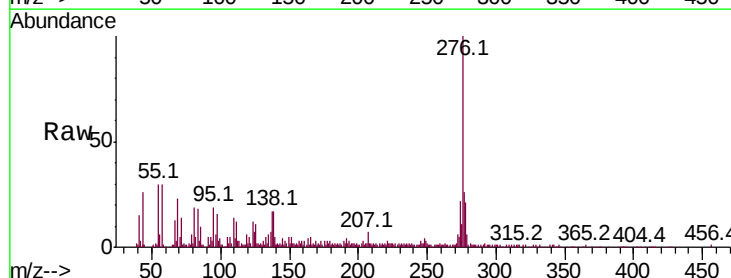
Instrument :
 BNA_F
 ClientSampleId :

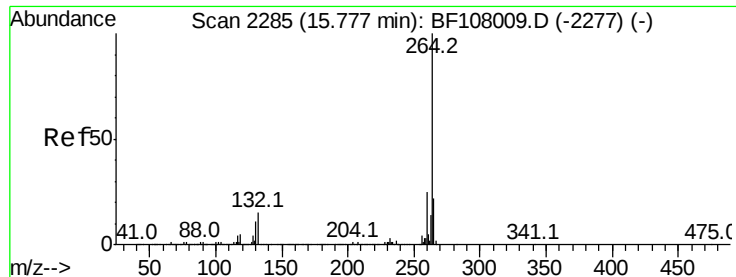
Tot Ion:149 Resp: 24610
 Ion Ratio Lower Upper
 149 100
 167 38.0 21.3 31.9#
 279 8.0 3.0 4.4#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.748 ng
 RT: 17.38 min Scan# 2558
 Delta R.T. 0.01 min
 Lab File: BF108392.D
 Acq: 22 Aug 2018 19:22

Tgt Ion:276 Resp: 191888
 Ion Ratio Lower Upper
 276 100
 138 17.8 25.0 37.6#
 277 25.6 20.1 30.1

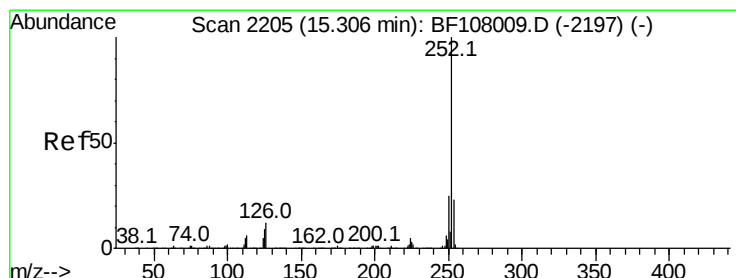
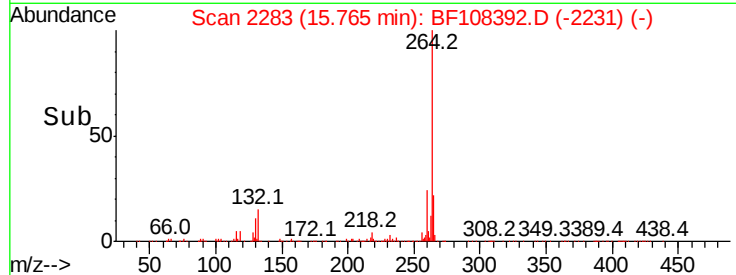
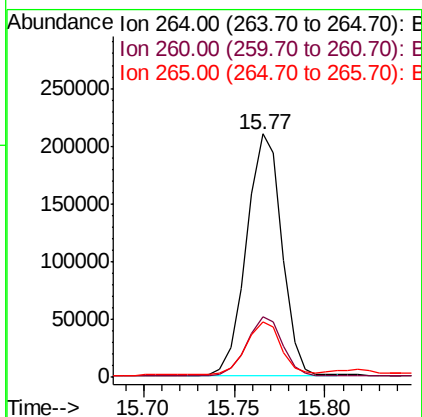
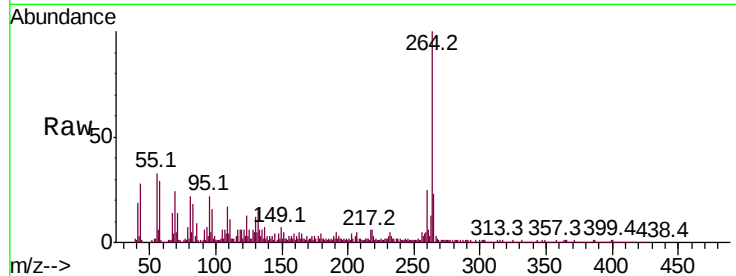




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF108392.D
Acq: 22 Aug 2018 19:22

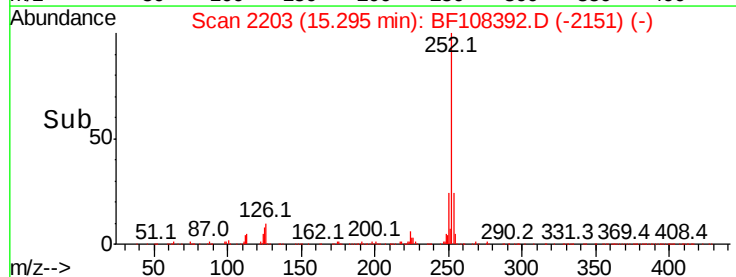
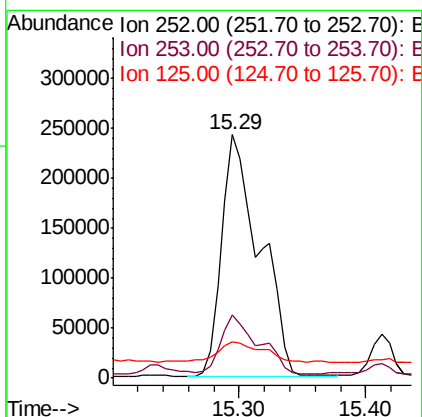
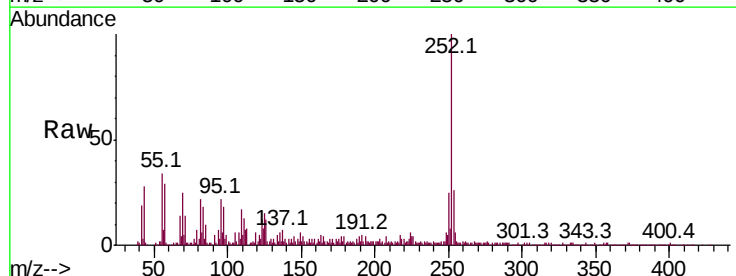
Instrument :
BNA_F
ClientSampleId :

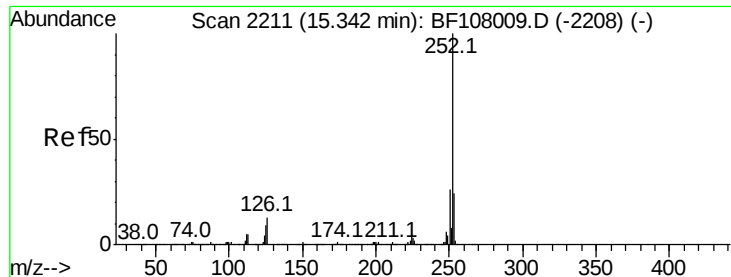
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.6	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 29.827 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF108392.D
Acq: 22 Aug 2018 19:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.0	25.6#
125	14.7	9.0	13.6#

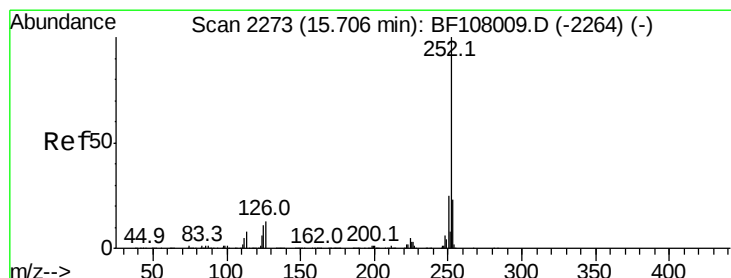
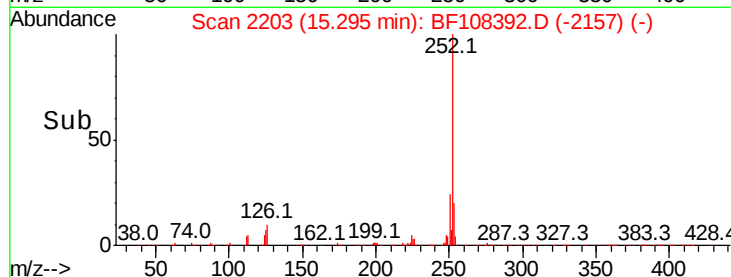
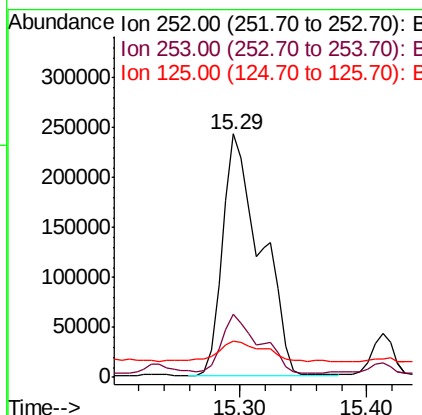
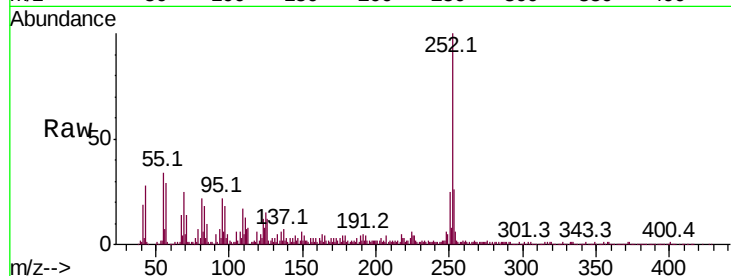




#88
Benzo(k)fluoranthene
Concen: 32.447 ng
RT: 15.29 min Scan# 2203
Delta R.T. -0.03 min
Lab File: BF108392.D
Acq: 22 Aug 2018 19:22

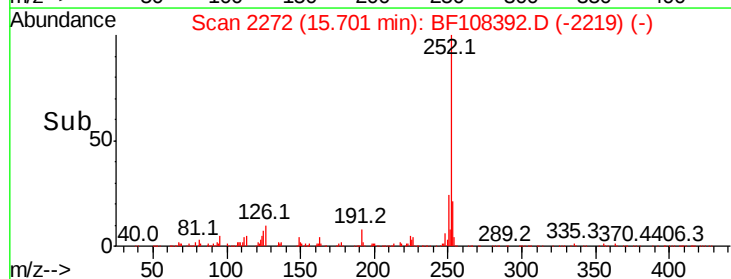
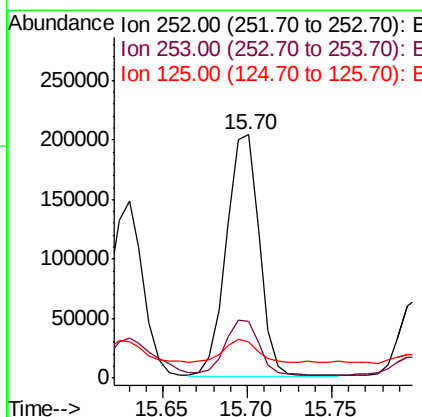
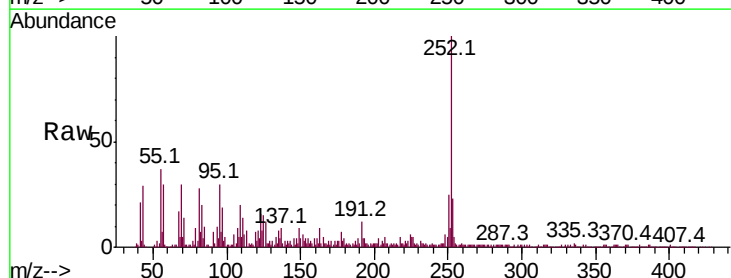
Instrument :
BNA_F
ClientSampleId :

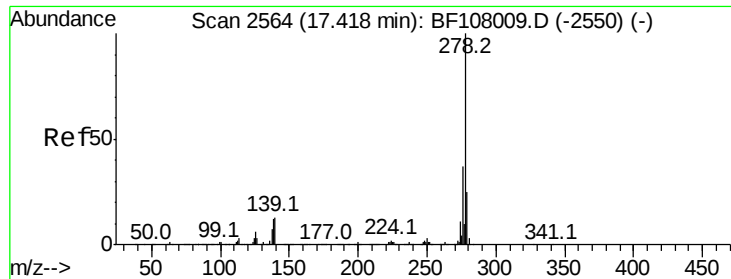
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	14.7	10.2	15.2



#89
Benzo(a)pyrene
Concen: 18.121 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF108392.D
Acq: 22 Aug 2018 19:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.7	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 3.638 ng

RT: 17.38 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

Instrument :

BNA_F

ClientSampled :

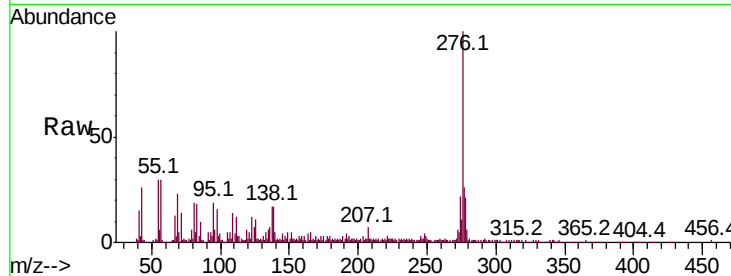
Tot Ion:278 Resp: 45802

Ion Ratio Lower Upper

278 100

139 52.0 15.9 23.9#

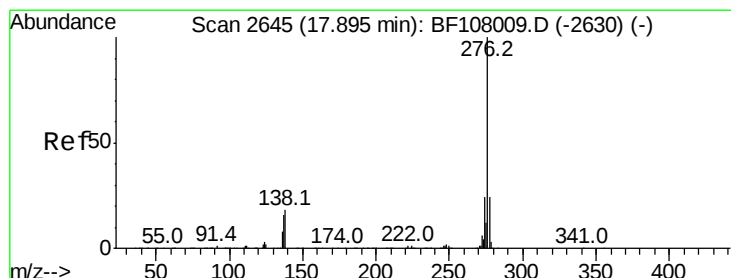
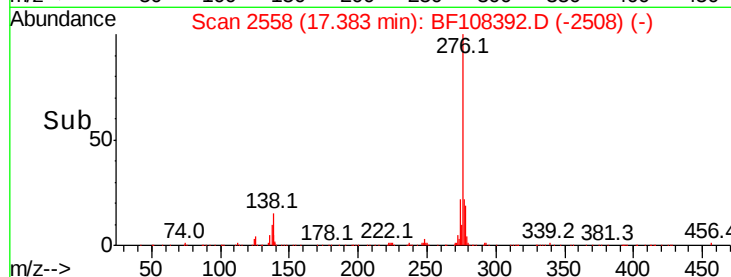
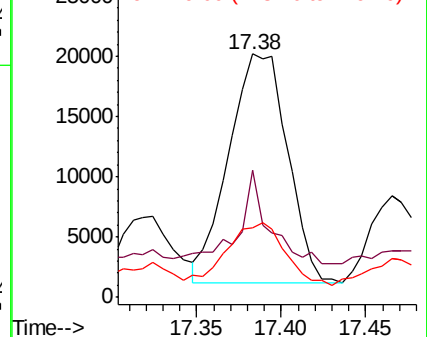
279 28.8 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 14.755 ng

RT: 17.88 min Scan# 2642

Delta R.T. 0.01 min

Lab File: BF108392.D

Acq: 22 Aug 2018 19:22

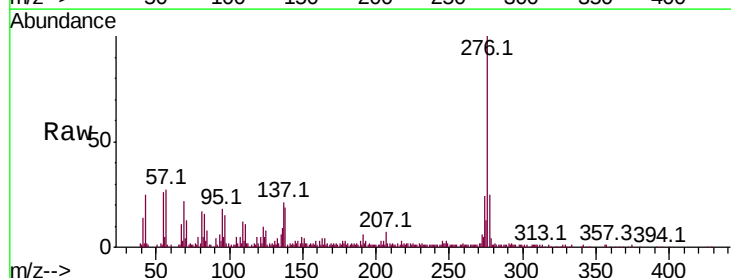
Tgt Ion:276 Resp: 182909

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 18.9 21.8 32.8#



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

