

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
 Data File : BF108302.D
 Acq On : 20 Aug 2018 20:45
 Operator : JU/SJ
 Sample : J4521-07 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11969

Quant Time: Aug 21 00:54:01 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	166124	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	597781	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	247266	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	437005	20.00	ng	0.00
75) Chrysene-d12	14.22	240	313170	20.00	ng	0.00
86) Perylene-d12	15.78	264	249969	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	81271	8.86	ng	0.00
7) Phenol-d6	6.63	99	109326	8.97	ng	0.00
23) Nitrobenzene-d5	7.57	82	60706	5.67	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	18078	7.33	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	112849	7.33	ng	0.00
78) Terphenyl-d14	13.14	244	99408	8.07	ng	0.00

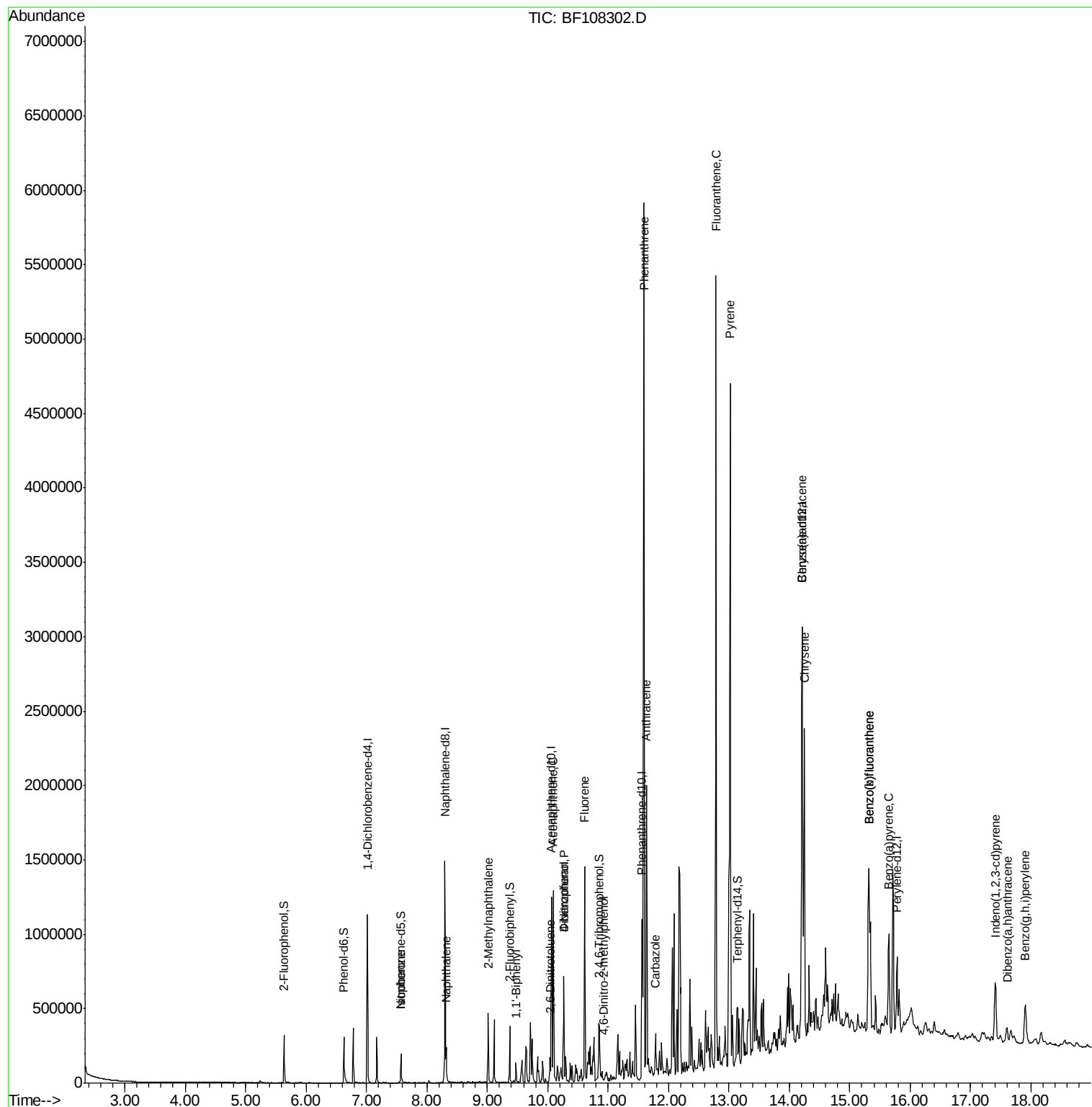
Target Compounds				Qvalue		
25) Isophorone	7.57	82	60704	2.973	ng	# 64
31) Naphthalene	8.32	128	95659	3.519	ng	99
37) 2-Methylnaphthalene	9.01	142	111501	5.797	ng	98
45) 1,1'-Biphenyl	9.48	154	42512	2.332	ng	97
50) 2,6-Dinitrotoluene	10.04	165	9891	2.745	ng	# 48
51) Acenaphthene	10.10	154	236508	16.951	ng	98
54) Dibenzofuran	10.27	168	243554	12.049	ng	98
55) 4-Nitrophenol	10.27	139	91430	30.623	ng	# 10
57) Fluorene	10.61	166	363810	22.736	ng	99
64) 4,6-Dinitro-2-methylphenol	10.92	198	187	5.460	ng	# 51
70) Phenanthrene	11.59	178	2415192	117.174	ng	96
71) Anthracene	11.64	178	785213	37.168	ng	100
72) Carbazole	11.79	167	98607	5.254	ng	98
74) Fluoranthene	12.79	202	2436989	108.333	ng	95
77) Pyrene	13.02	202	2113776	106.611	ng	96
80) Benzo(a)anthracene	14.21	228	1006289	55.990	ng	98
82) Chrysene	14.25	228	787114	47.770	ng	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	281015	19.683	ng	# 87
87) Benzo(b)fluoranthene	15.32	252	1032269	69.110	ng	97
88) Benzo(k)fluoranthene	15.32	252	1032269	75.181	ng	# 97
89) Benzo(a)pyrene	15.65	252	338385	25.299	ng	98
90) Dibenzo(a,h)anthracene	17.60	278	70343	6.356	ng	93
91) Benzo(g,h,i)perylene	17.91	276	241463	22.158	ng	# 89

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
Data File : BF108302.D
Acq On : 20 Aug 2018 20:45
Operator : JU/SJ
Sample : J4521-07 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11969

Quant Time: Aug 21 00:54:01 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 08 12:24:24 2018
Response via : Initial Calibration



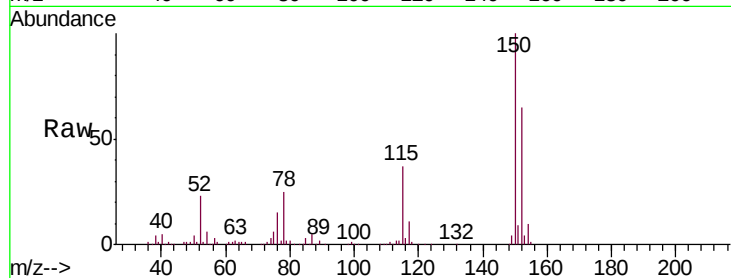


#1

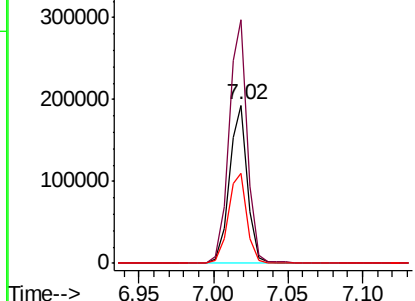
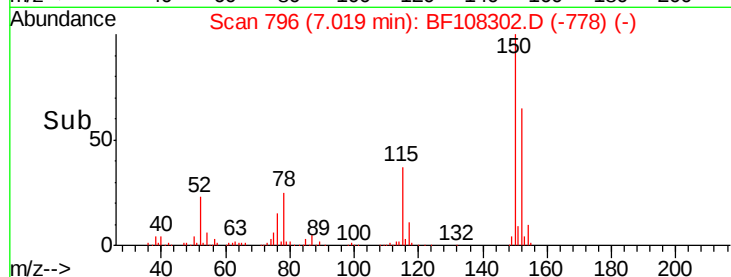
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108302.D
Acq: 20 Aug 2018 20:45

Instrument :
BNA_F
ClientSampleId :
72-11969

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	56.6	50.1	75.1



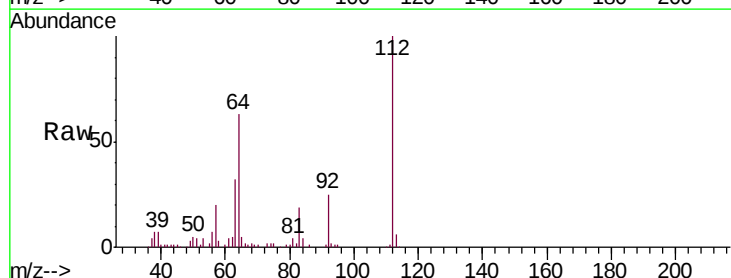
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



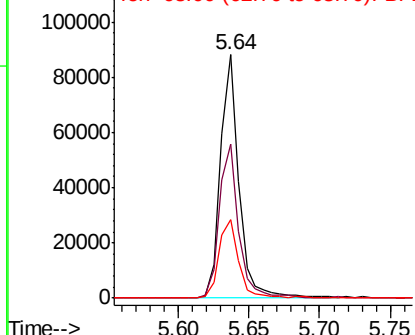
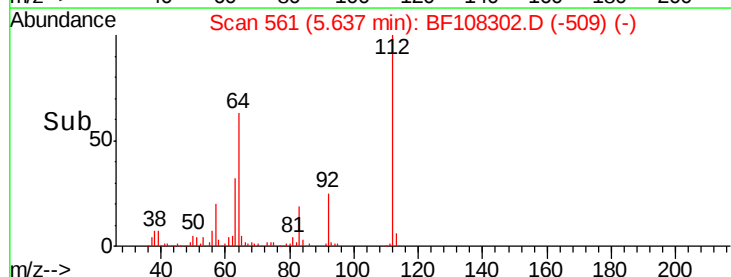
#5

2-Fluorophenol
Concen: 8.857 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108302.D
Acq: 20 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	32.2	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: 8.966 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

Instrument :

BNA_F

ClientSampled :

72-11969

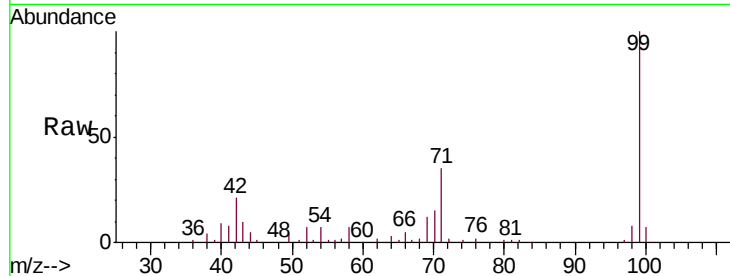
Tgt Ion: 99 Resp: 109326

Ion Ratio Lower Upper

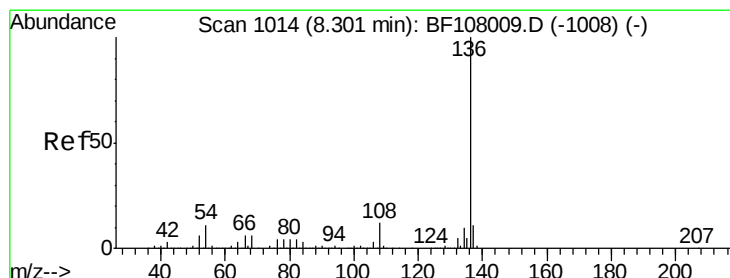
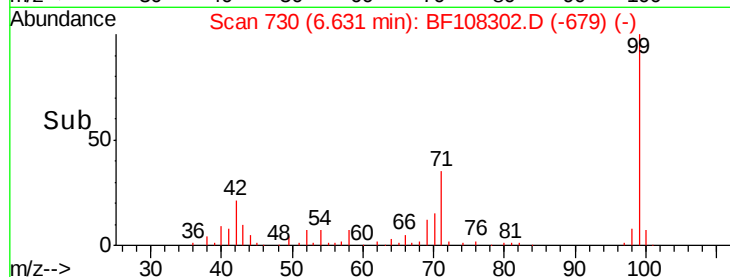
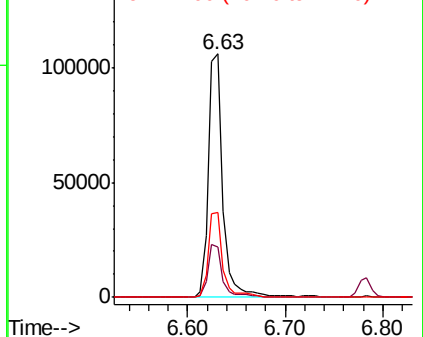
99 100

42 20.5 14.5 21.7

71 34.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

Tgt Ion: 136 Resp: 597781

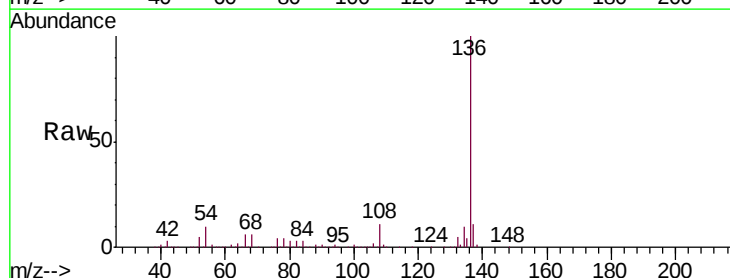
Ion Ratio Lower Upper

136 100

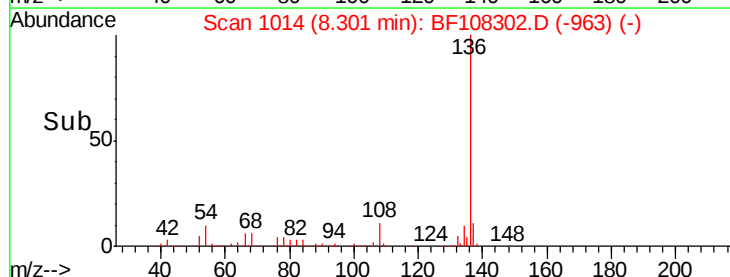
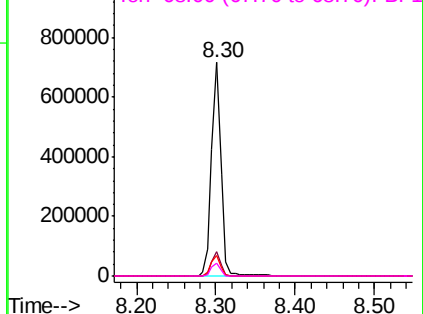
137 11.3 8.9 13.3

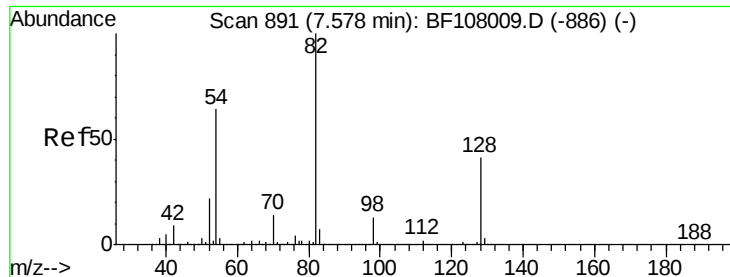
54 9.8 6.6 9.8

68 6.1 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

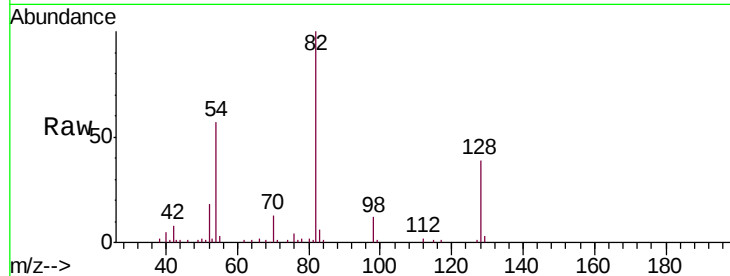




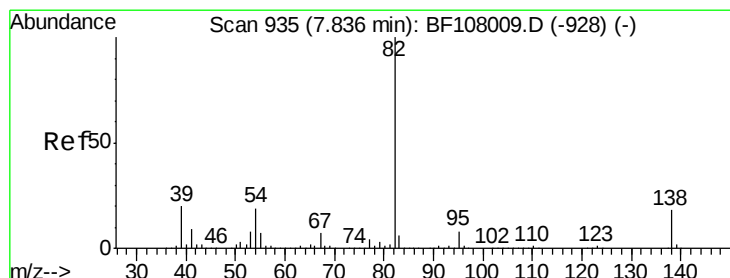
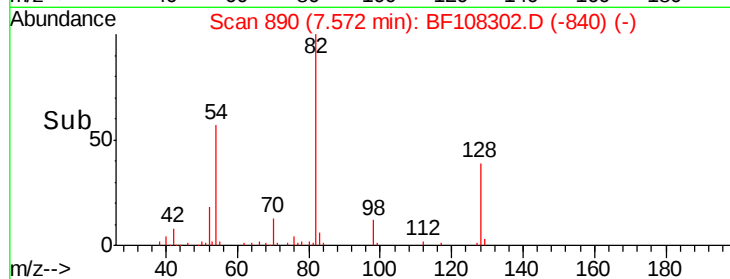
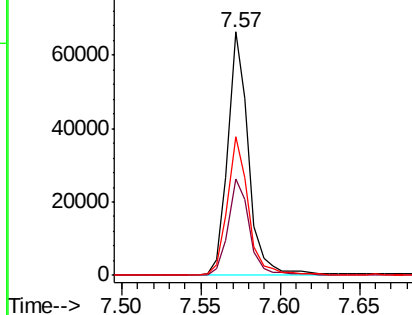
#23
 Nitrobenzene-d5
 Concen: 5.667 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

Instrument :
 BNA_F
 ClientSampleId :
 72-11969

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	36.1	54.1
54	57.2	41.4	62.2

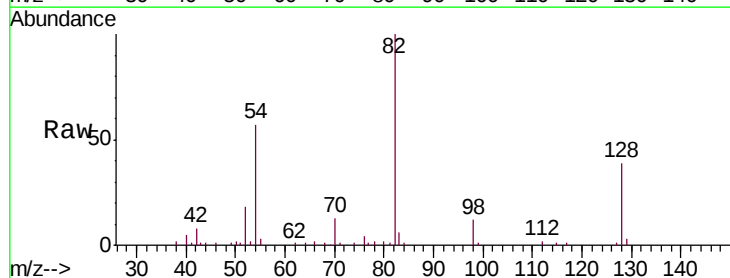


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

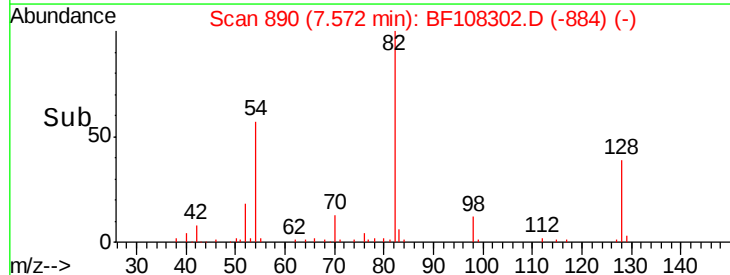
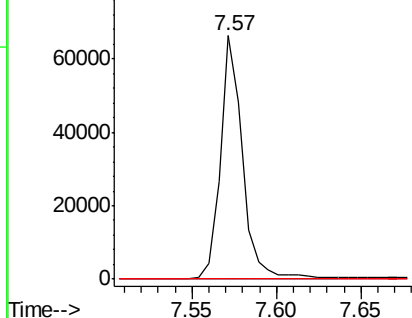


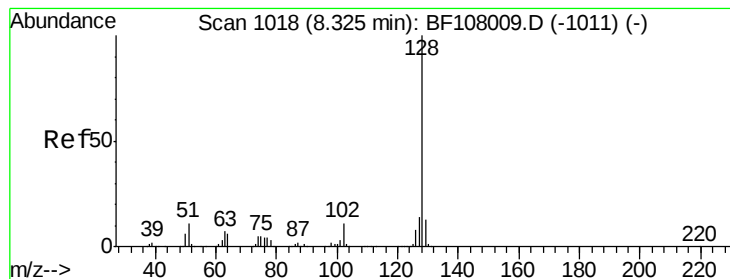
#25
 Isophorone
 Concen: 2.973 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.26 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	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





#31

Naphthalene

Concen: 3.519 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

Instrument :

BNA_F

ClientSampleId :

72-11969

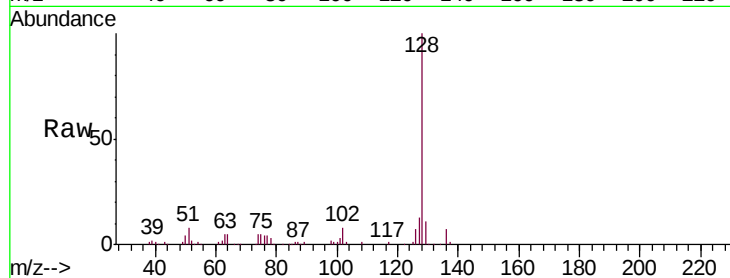
Tgt Ion:128 Resp: 95659

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

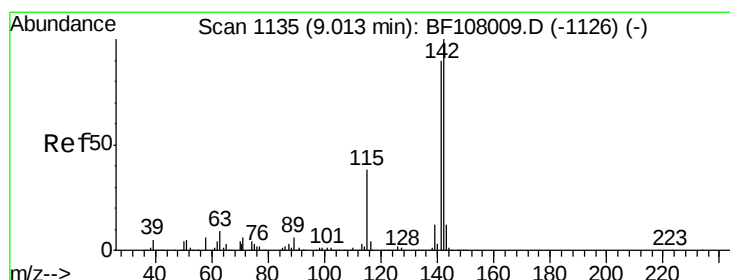
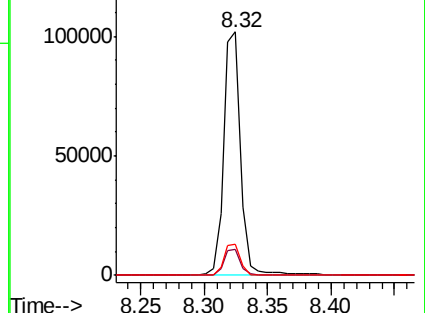
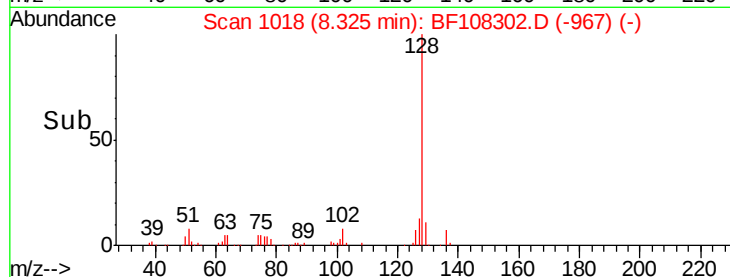
127 12.8 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 5.797 ng

RT: 9.01 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

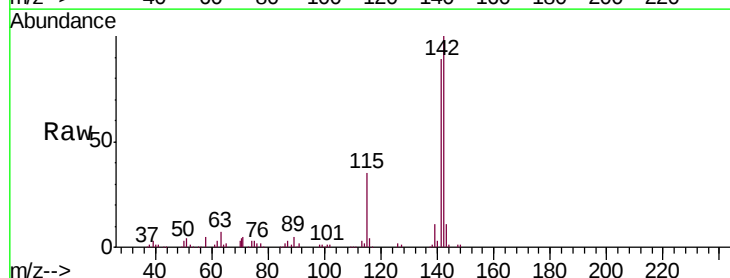
Tgt Ion:142 Resp: 111501

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

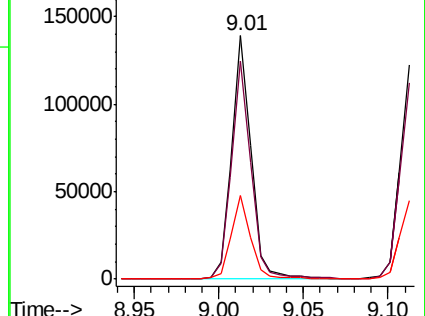
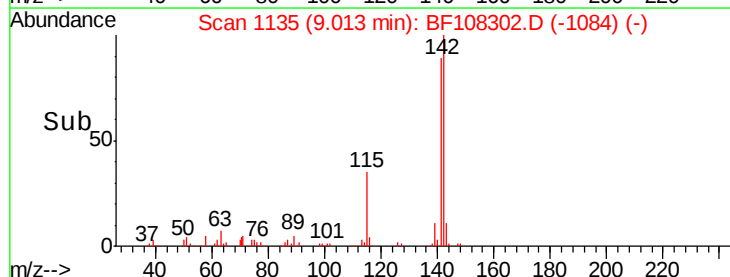
115 34.6 26.1 39.1

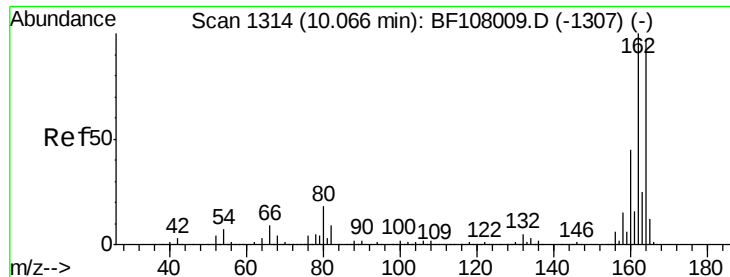


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

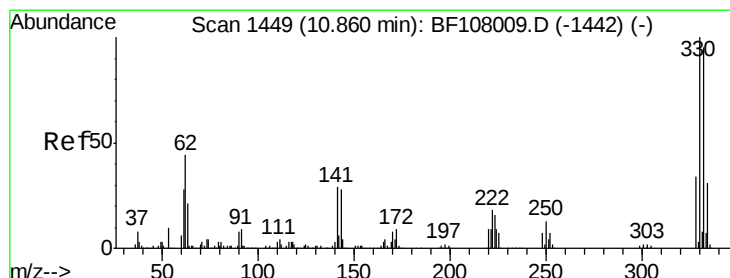
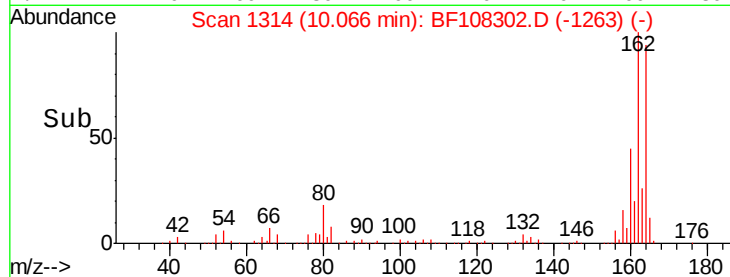
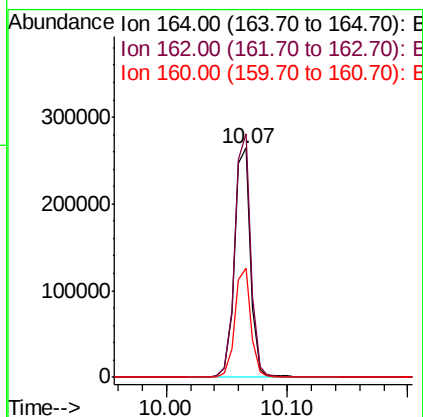
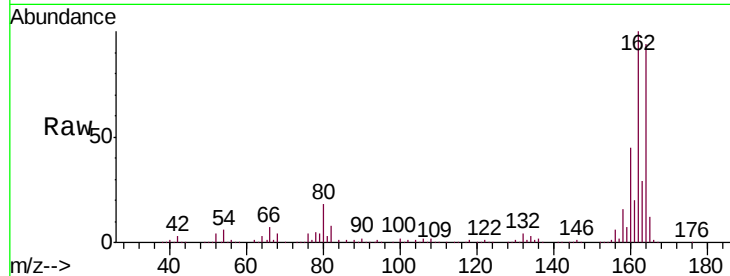




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

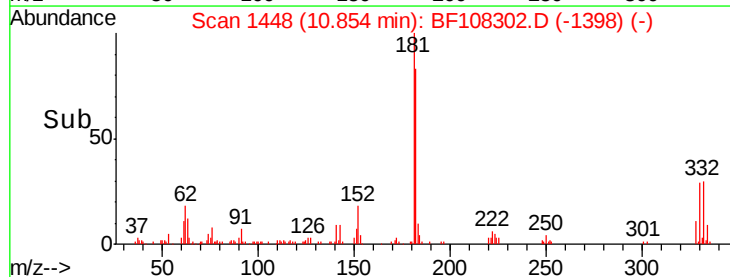
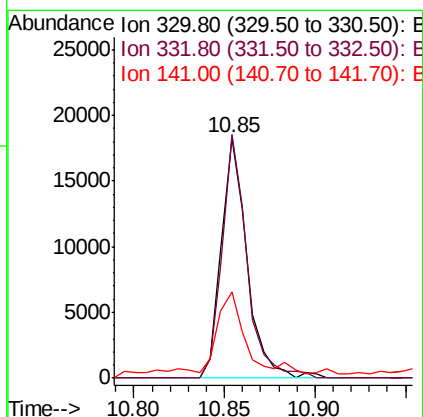
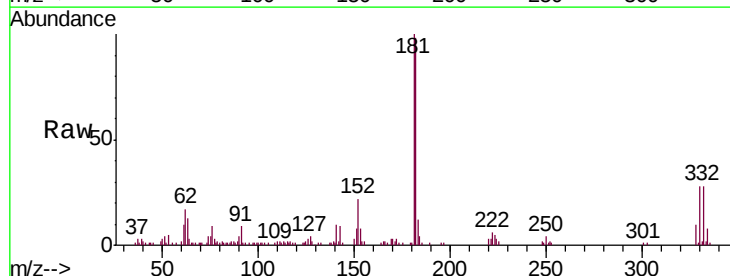
Instrument :
 BNA_F
 ClientSampleId :
 72-11969

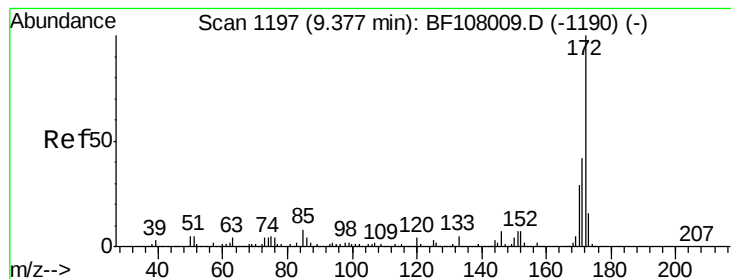
Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	47.8	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 7.330 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	50.8	29.9	44.9#

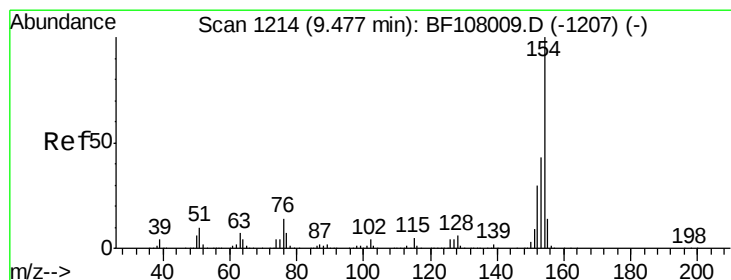
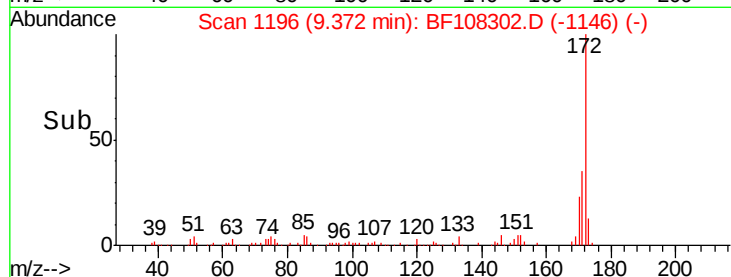
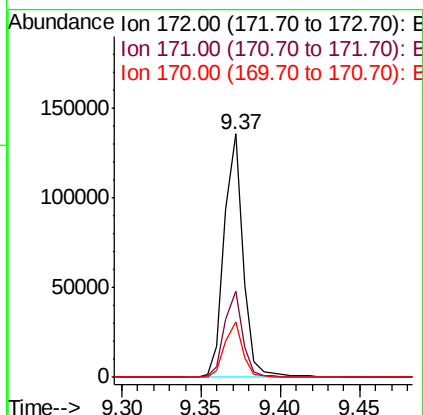
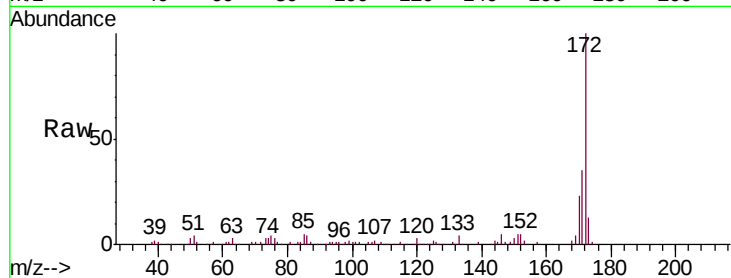




#44
 2-Fluorobiphenyl
 Concen: 7.327 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

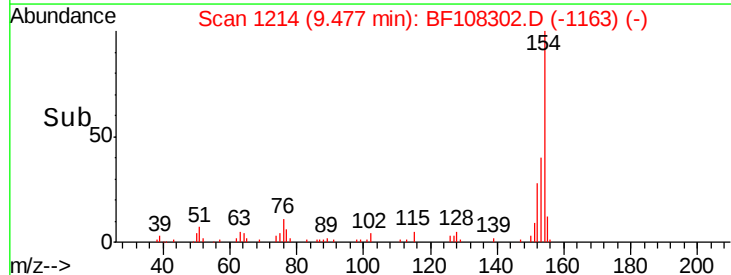
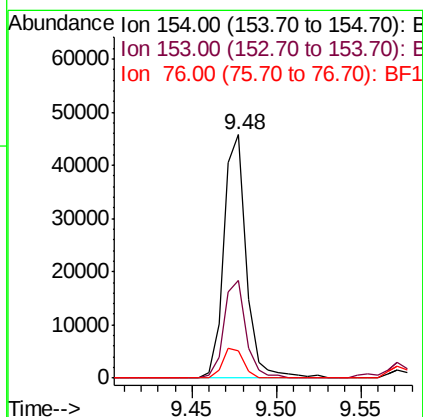
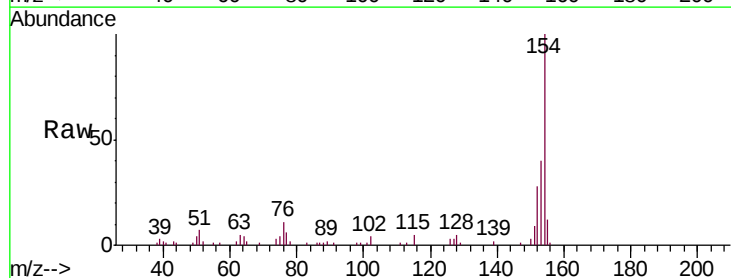
Instrument :
 BNA_F
 ClientSampleId :
 72-11969

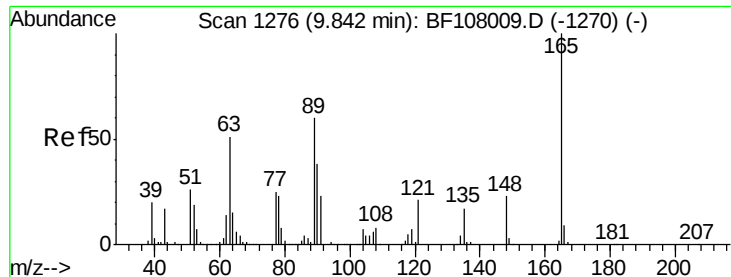
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	22.8	19.6	29.4



#45
 1,1'-Biphenyl
 Concen: 2.332 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	11.2	0.0	34.0

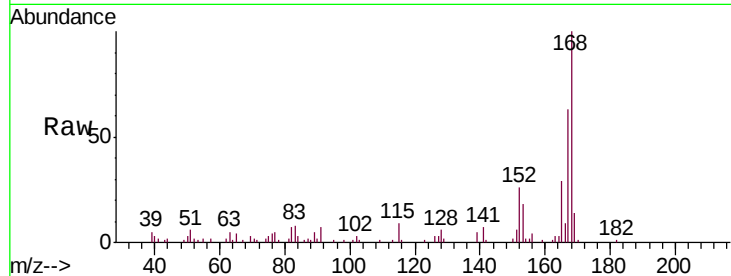




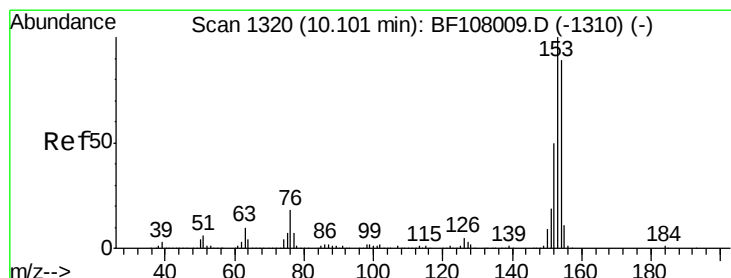
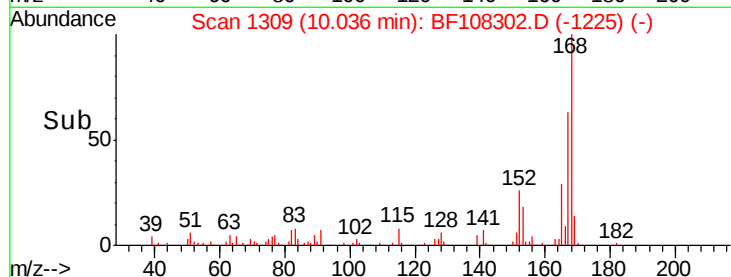
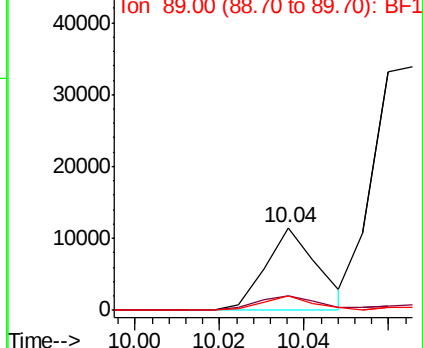
#50
2,6-Dinitrotoluene
Concen: 2.745 ng
RT: 10.04 min Scan# 1309
Delta R.T. 0.19 min
Lab File: BF108302.D
Acq: 20 Aug 2018 20:45

Instrument :
BNA_F
ClientSampleId :
72-11969

Tgt Ion:165 Resp: 9891
Ion Ratio Lower Upper
165 100
63 18.2 44.7 67.1#
89 17.0 44.0 66.0#

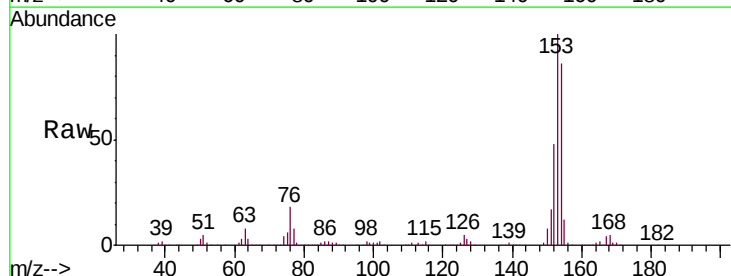


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

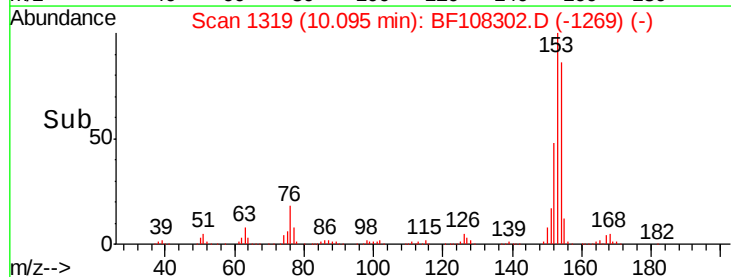
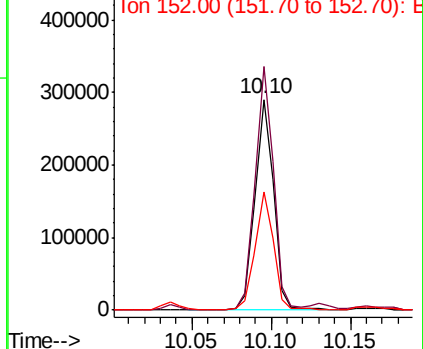


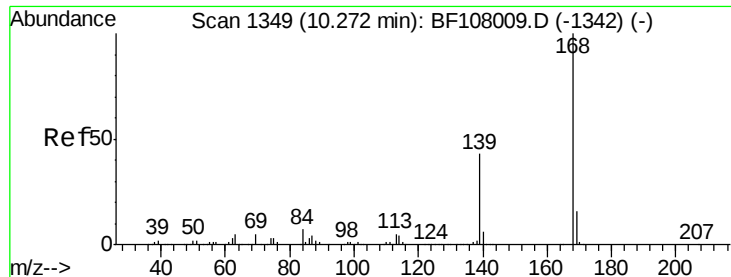
#51
Acenaphthene
Concen: 16.951 ng
RT: 10.10 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF108302.D
Acq: 20 Aug 2018 20:45

Tgt Ion:154 Resp: 236508
Ion Ratio Lower Upper
154 100
153 115.7 91.2 136.8
152 55.9 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





#54

Dibenzenofuran

Concen: 12.049 ng

RT: 10.27 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

Instrument :

BNA_F

ClientSampleId :

72-11969

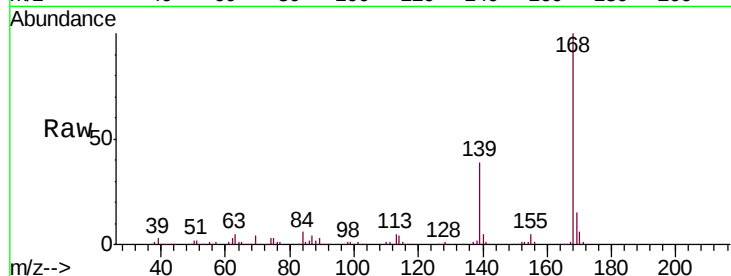
Tgt Ion:168 Resp: 243554

Ion Ratio Lower Upper

168 100

139 38.7 30.1 45.1

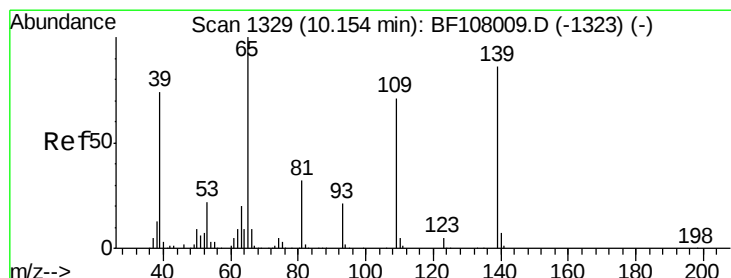
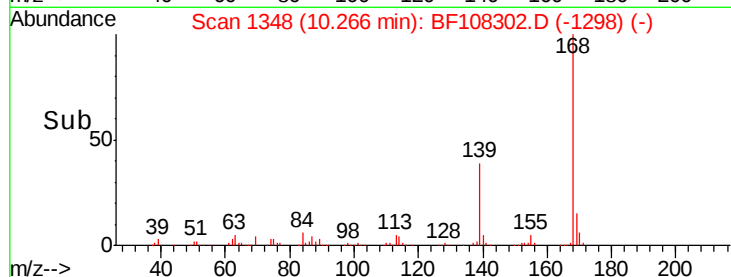
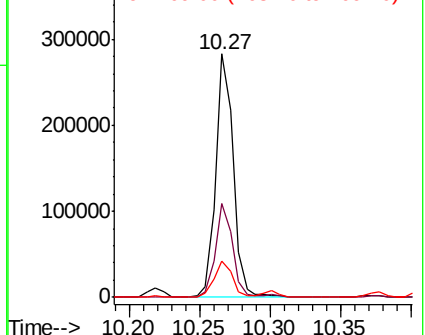
169 15.0 10.9 16.3



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



#55

4-Nitrophenol

Concen: 30.623 ng

RT: 10.27 min Scan# 1348

Delta R.T. 0.11 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

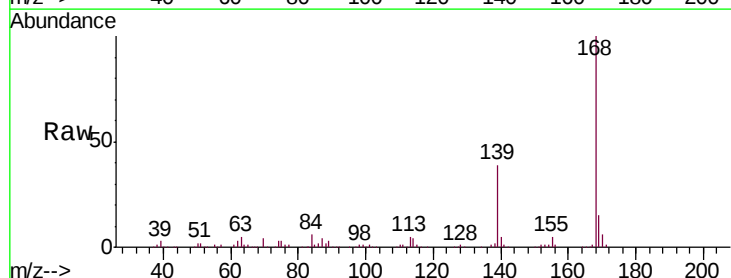
Tgt Ion:139 Resp: 91430

Ion Ratio Lower Upper

139 100

109 1.0 48.4 88.4#

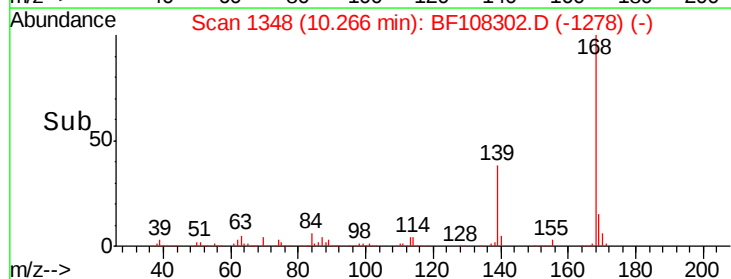
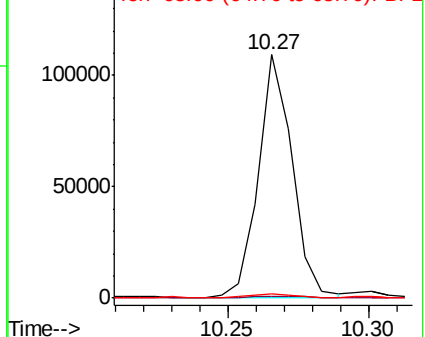
65 1.8 72.6 112.6#

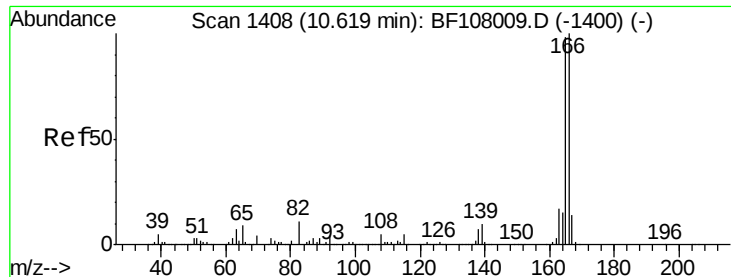


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

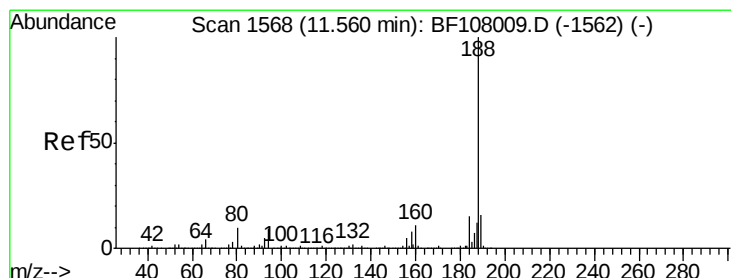
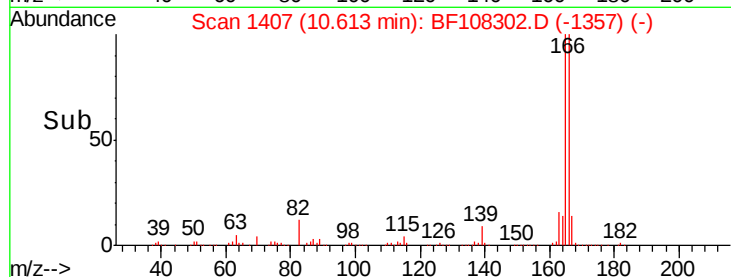
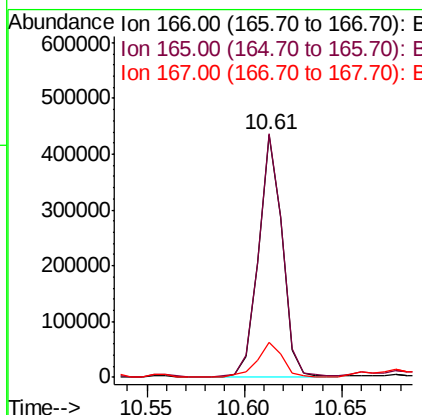
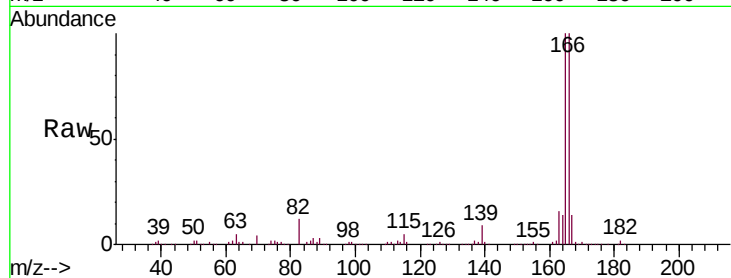




#57
Fluorene
 Concen: 22.736 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

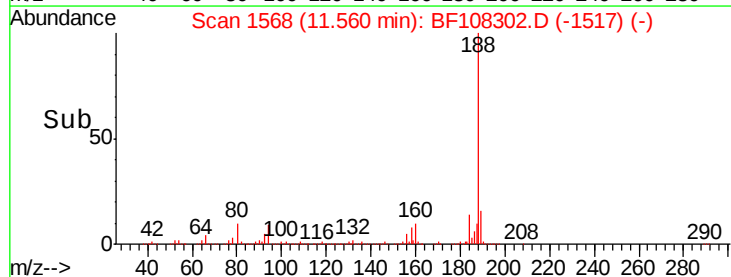
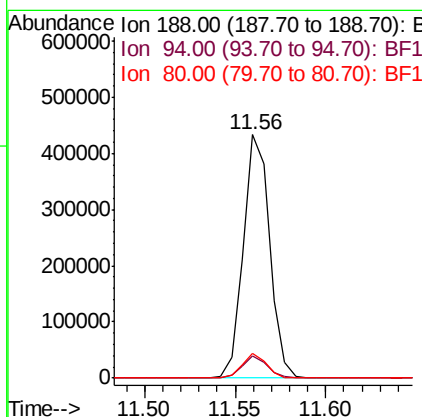
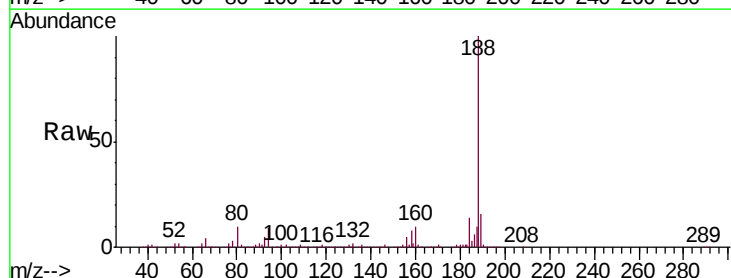
Instrument :
 BNA_F
 ClientSampleId :
 72-11969

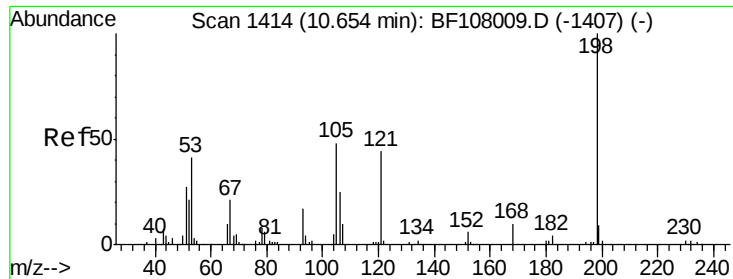
Tgt Ion:	166	Resp:	363810
Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	14.2	10.6	16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

Tgt Ion:	188	Resp:	437005
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.0	9.2	13.8

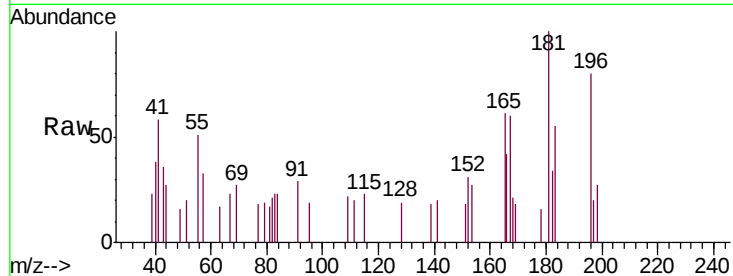




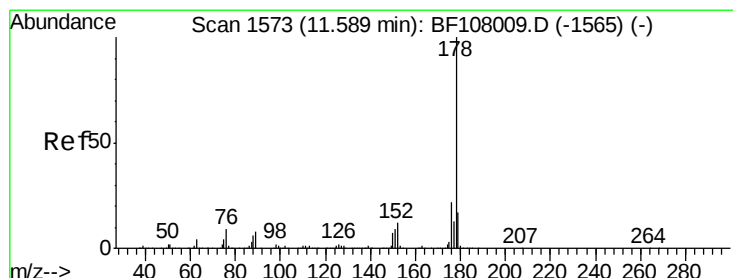
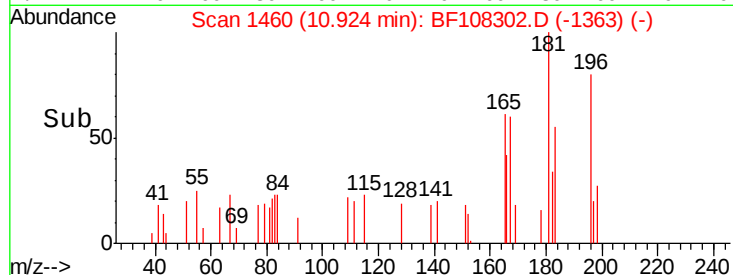
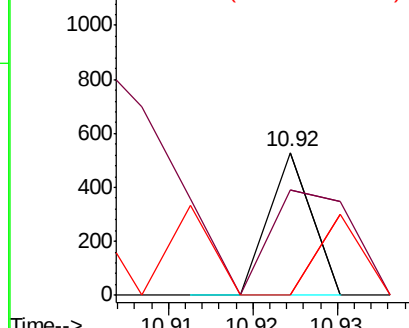
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.460 ng
 RT: 10.92 min Scan# 1460
 Delta R.T. 0.27 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

Instrument :
 BNA_F
 ClientSampleId :
 72-11969

Tgt Ion:198 Resp: 187
 Ion Ratio Lower Upper
 198 100
 51 73.8 37.7 77.7
 105 0.0 36.3 76.3#

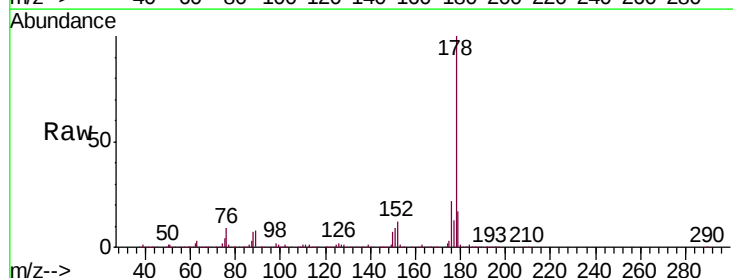


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

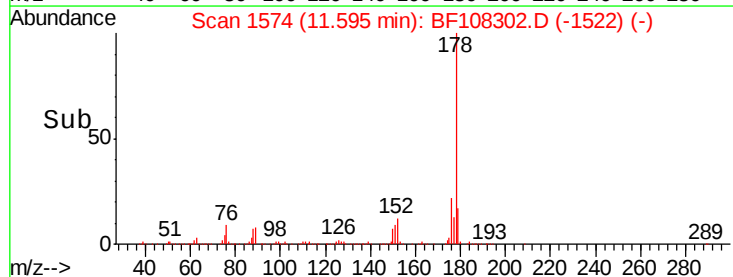
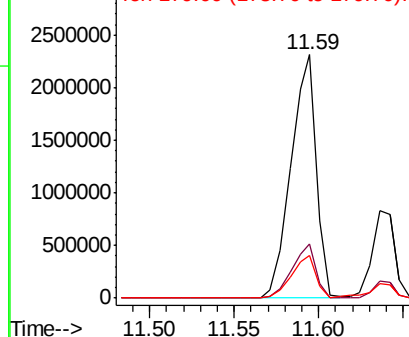


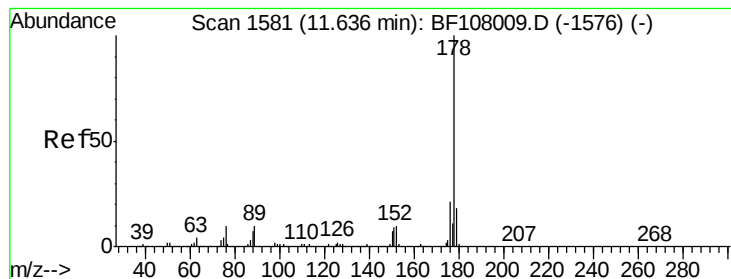
#70
 Phenanthrene
 Concen: 117.174 ng
 RT: 11.59 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

Tgt Ion:178 Resp: 2415192
 Ion Ratio Lower Upper
 178 100
 176 22.2 15.8 23.8
 179 17.3 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: 37.168 ng

RT: 11.64 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

Instrument :

BNA_F

ClientSampleId :

72-11969

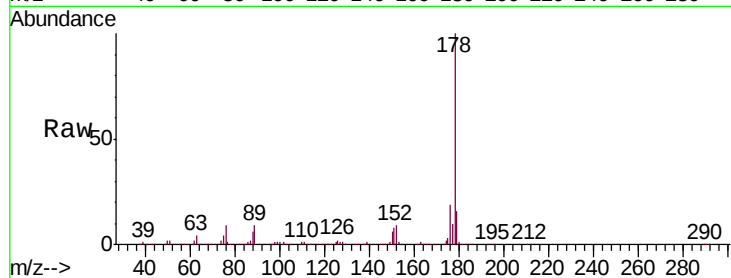
Tgt Ion:178 Resp: 785213

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

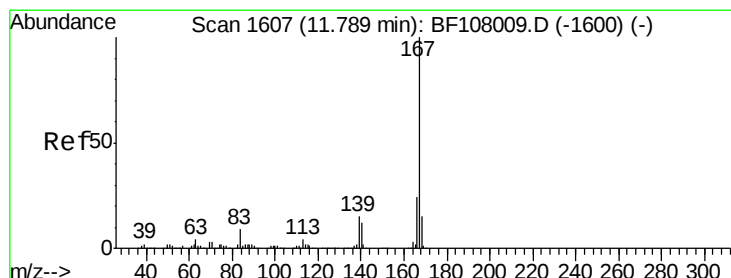
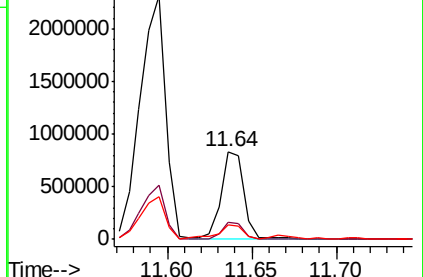
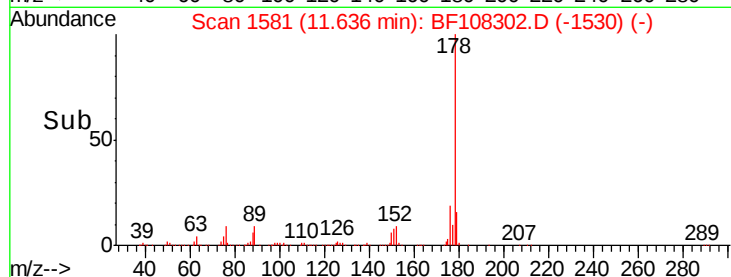
179 16.1 12.6 19.0



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: 5.254 ng

RT: 11.79 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

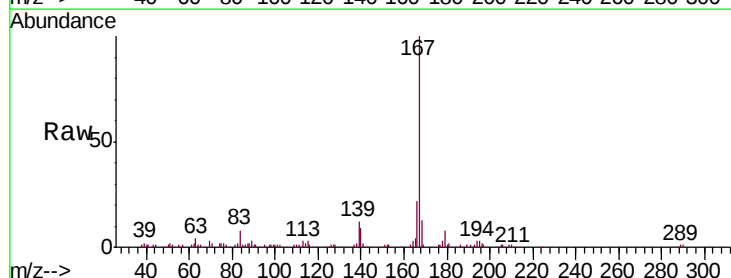
Tgt Ion:167 Resp: 98607

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

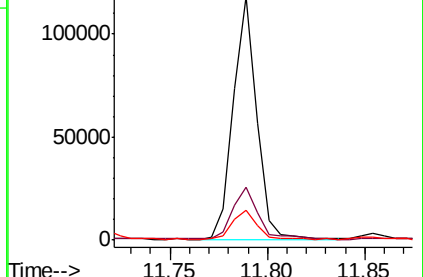
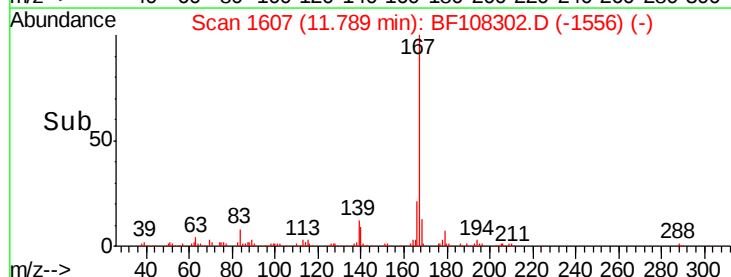
139 12.1 10.9 16.3

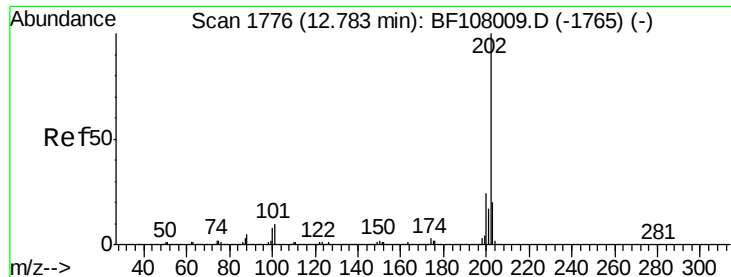


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 108.333 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

Instrument :

BNA_F

ClientSampled :

72-11969

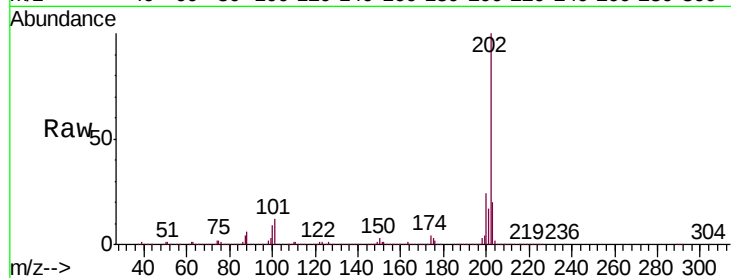
Tgt Ion:202 Resp: 2436989

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

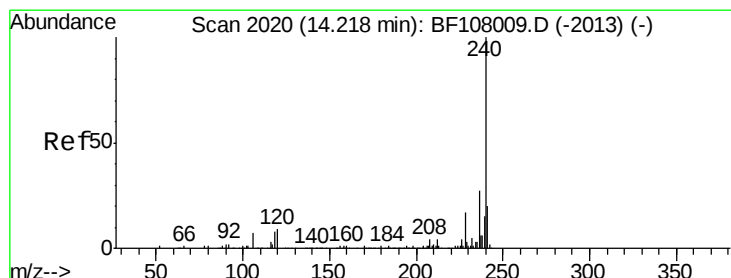
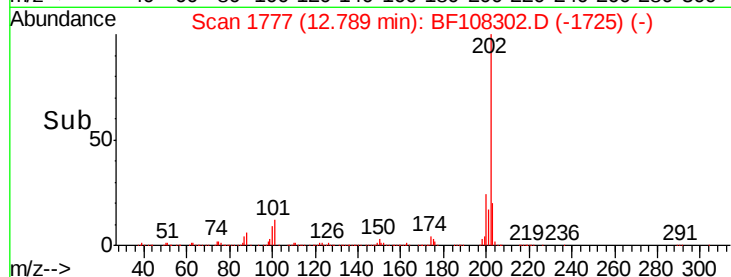
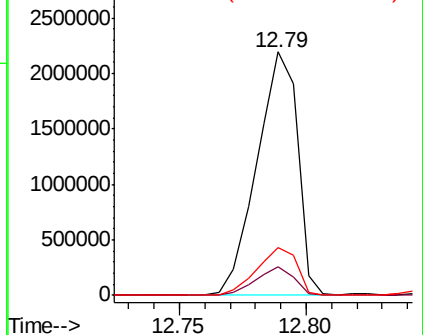
203 19.8 0.0 38.1



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: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

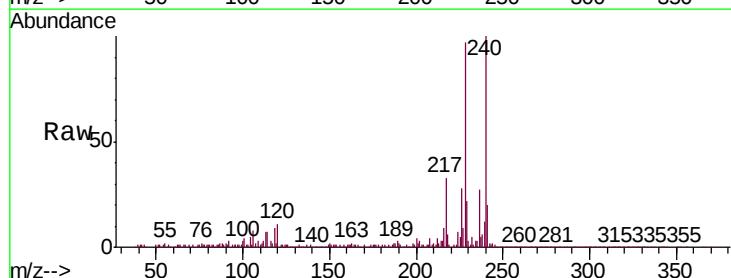
Tgt Ion:240 Resp: 313170

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

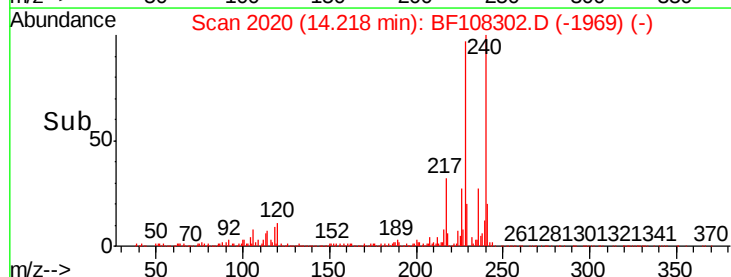
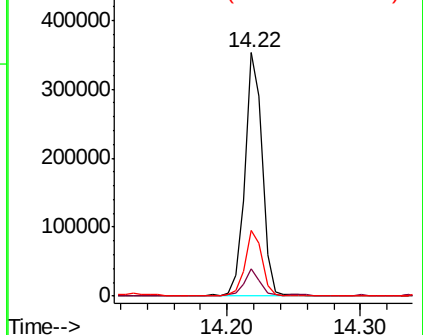
236 26.9 20.7 31.1

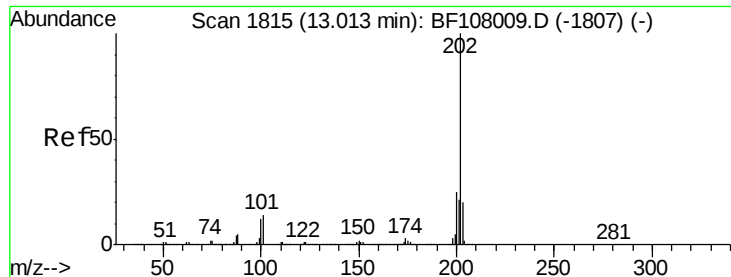


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

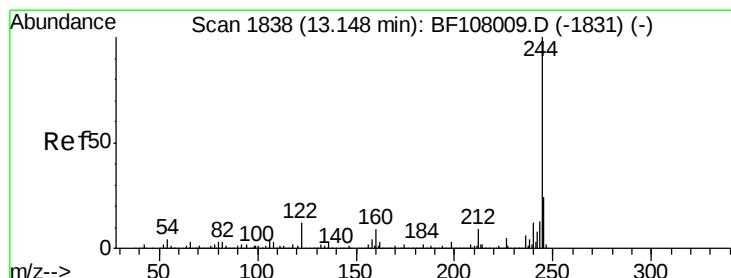
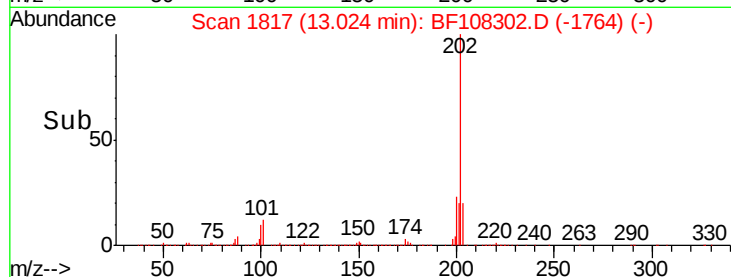
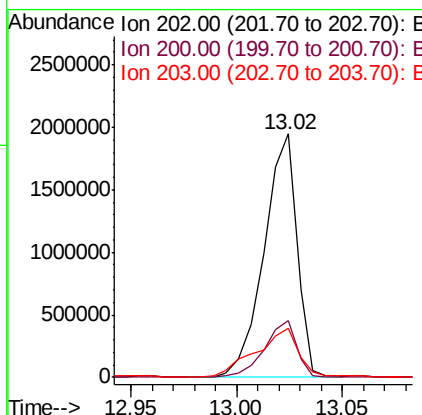
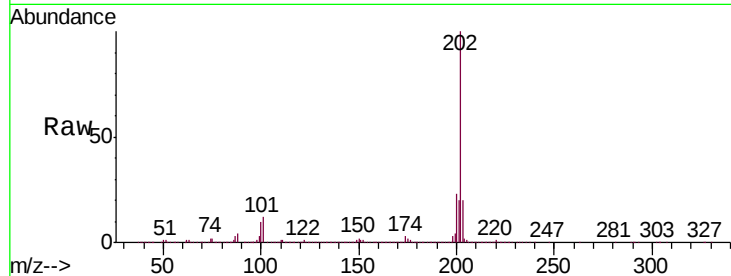




#77
 Pyrene
 Concen: 106.611 ng
 RT: 13.02 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

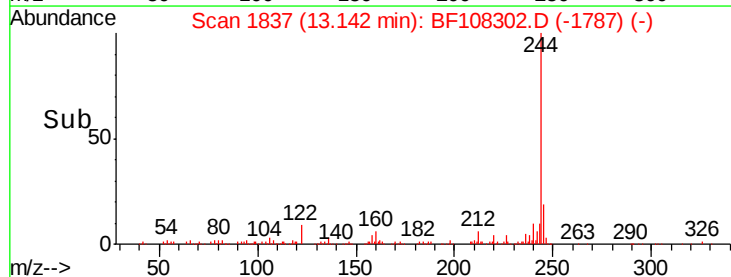
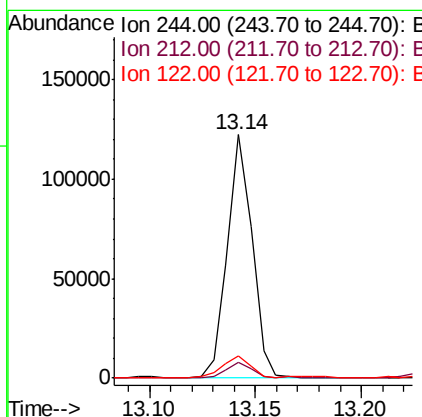
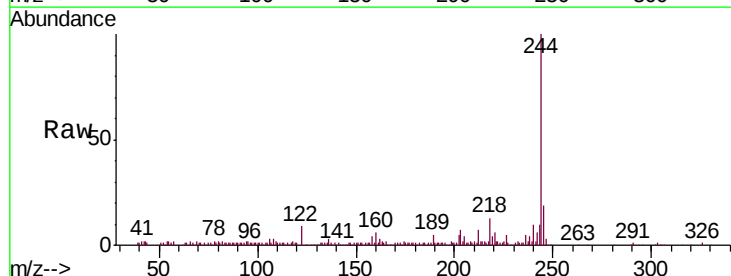
Instrument :
 BNA_F
 ClientSampled :
 72-11969

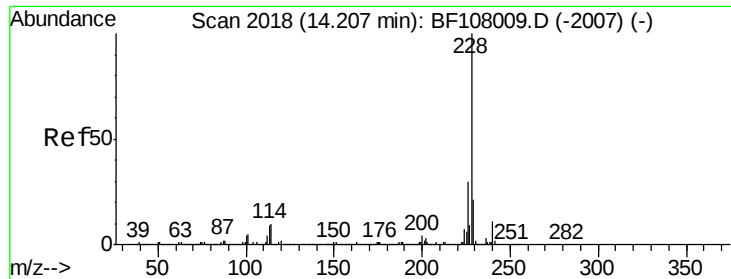
Tgt Ion:202 Resp: 2113776
 Ion Ratio Lower Upper
 202 100
 200 23.2 17.4 26.2
 203 20.2 14.3 21.5



#78
 Terphenyl-d14
 Concen: 8.071 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF108302.D
 Acq: 20 Aug 2018 20:45

Tgt Ion:244 Resp: 99408
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.2 11.0 16.4#





#80

Benzo(a)anthracene

Concen: 55.990 ng

RT: 14.21 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

Instrument :

BNA_F

ClientSampleId :

72-11969

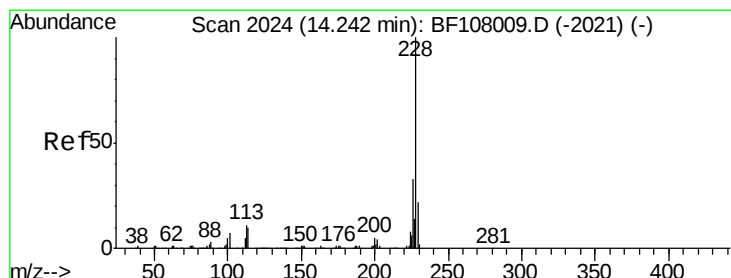
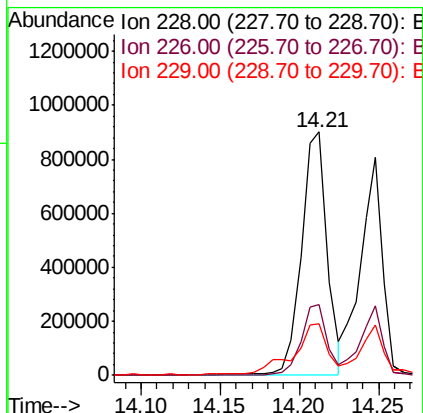
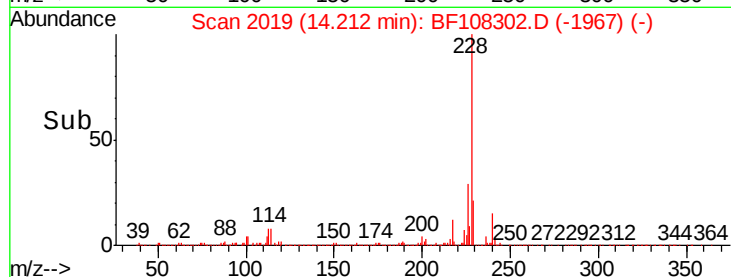
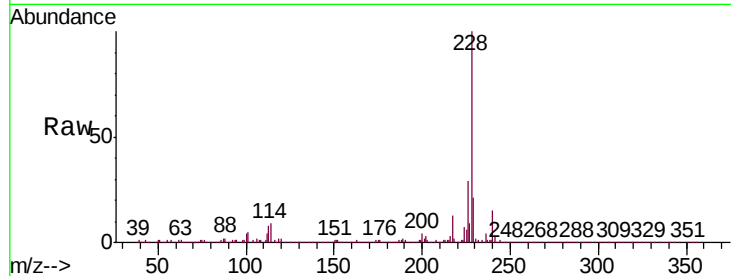
Tgt Ion:228 Resp: 1006289

Ion Ratio Lower Upper

228 100

226 29.3 22.6 33.8

229 21.1 15.8 23.6



#82

Chrysene

Concen: 47.770 ng

RT: 14.25 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

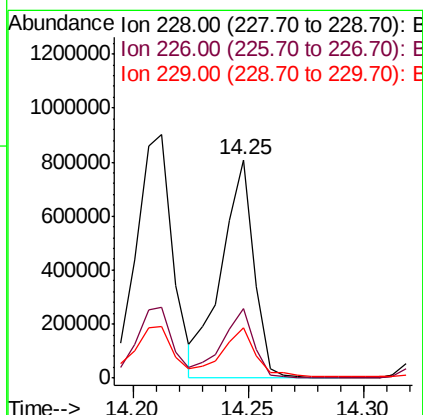
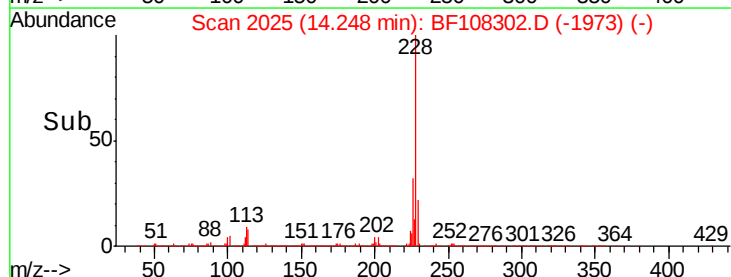
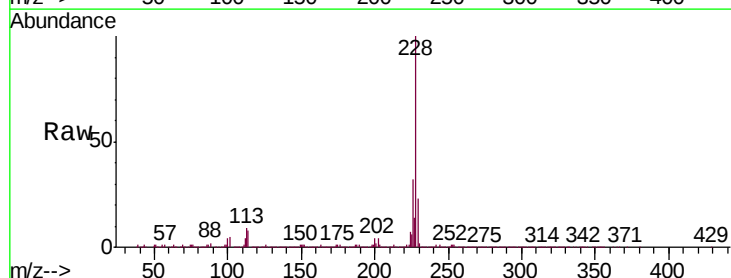
Tgt Ion:228 Resp: 787114

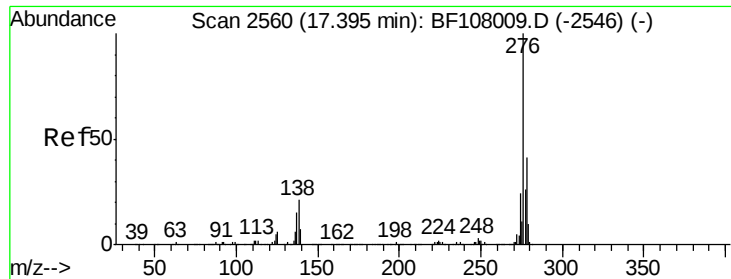
Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

229 22.9 16.2 24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 19.683 ng

RT: 17.41 min Scan# 2563

Delta R.T. 0.02 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

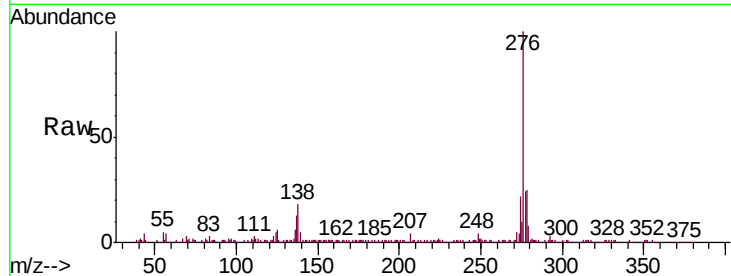
Instrument :

BNA_F

ClientSampleId :

72-11969

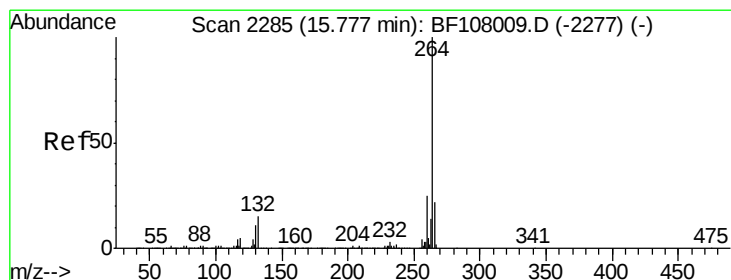
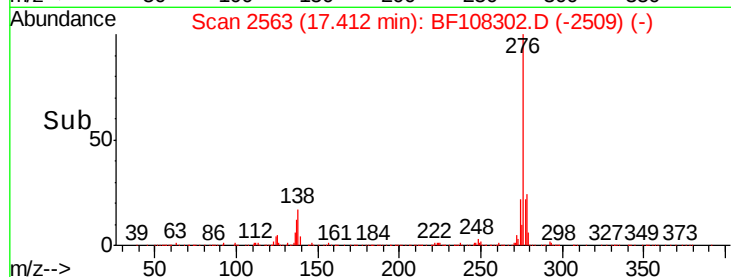
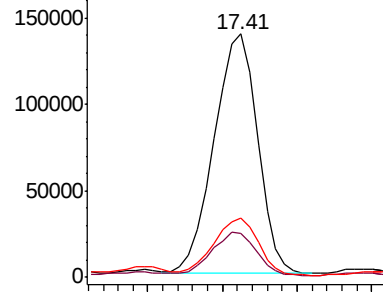
Tgt Ion:	276	Resp:	281015
Ion	Ratio	Lower	Upper
276	100		
138	19.1	25.0	37.6#
277	24.7	20.1	30.1



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: 20.000 ng

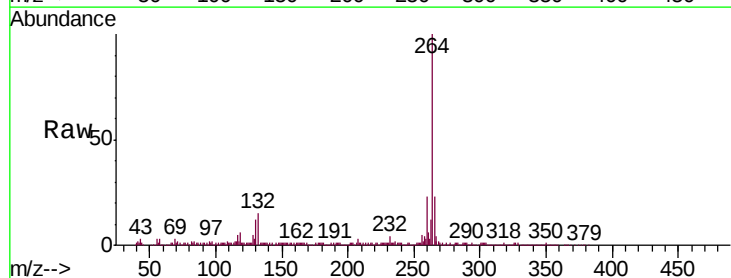
RT: 15.78 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

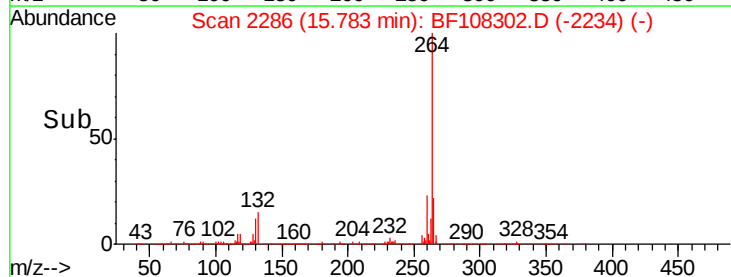
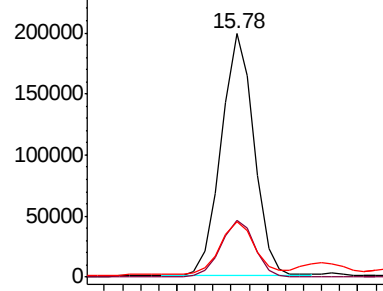
Tgt Ion:	264	Resp:	249969
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.6	17.5	26.3

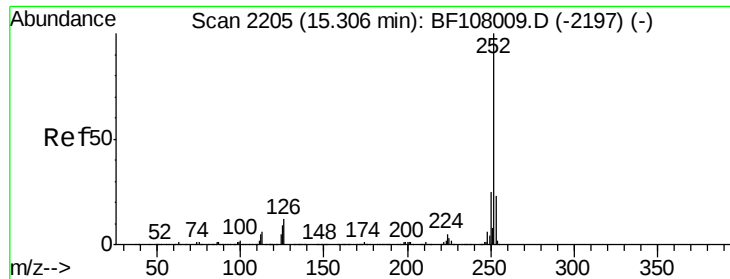


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 69.110 ng

RT: 15.32 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

Instrument :

BNA_F

ClientSampleId :

72-11969

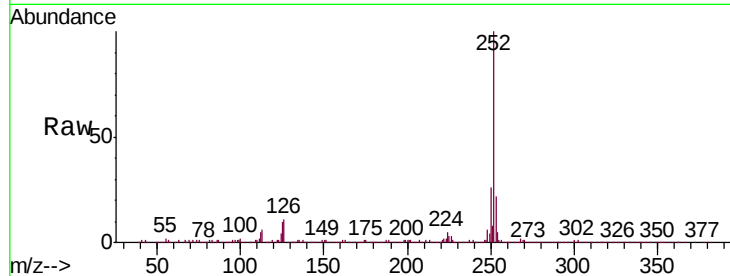
Tgt Ion:252 Resp: 1032269

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

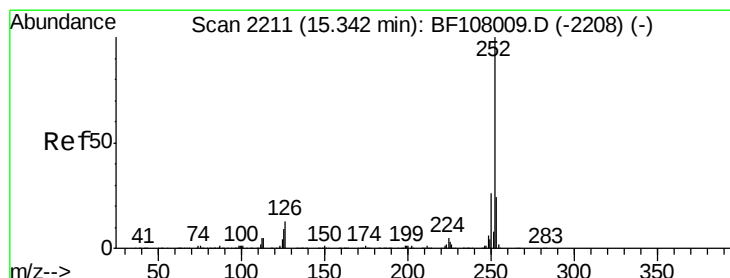
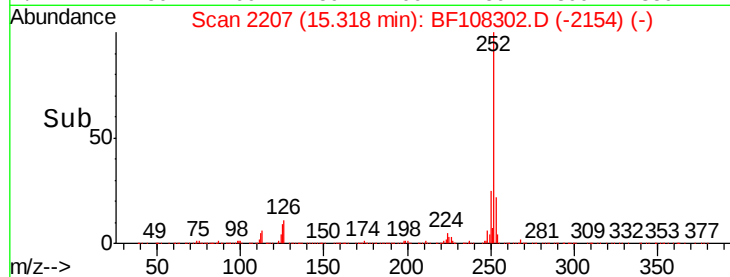
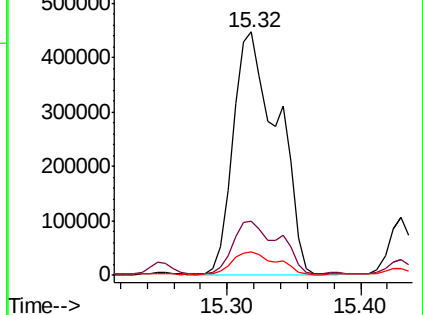
125 9.7 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 75.181 ng

RT: 15.32 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

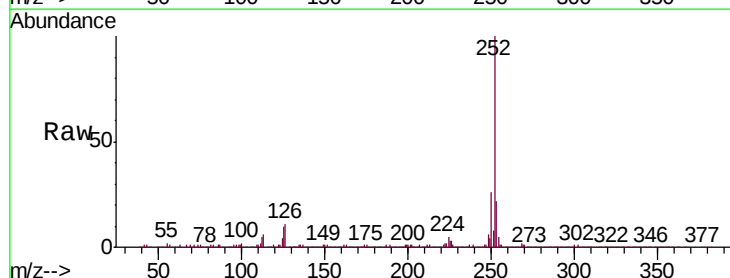
Tgt Ion:252 Resp: 1032269

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

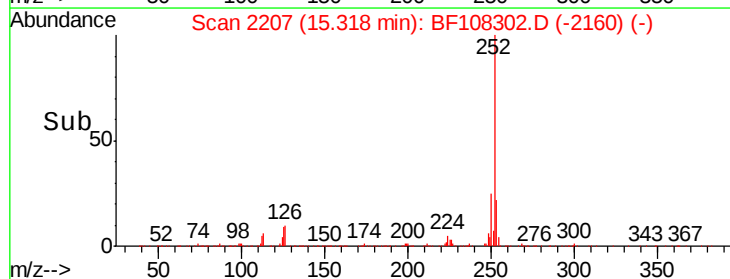
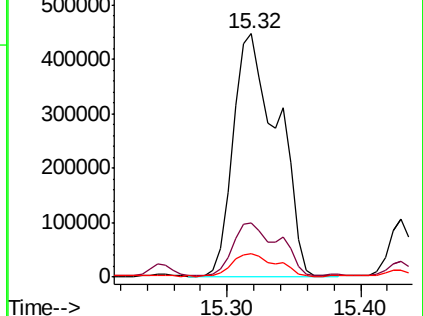
125 9.7 10.2 15.2#

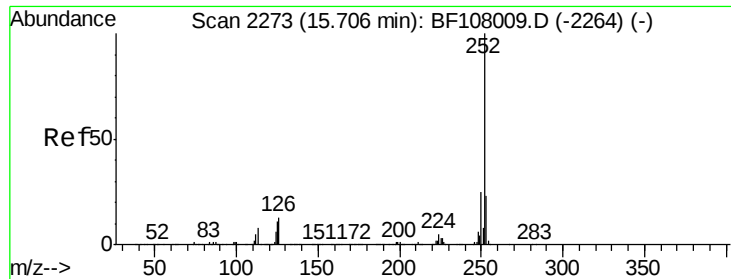


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 25.299 ng

RT: 15.65 min Scan# 2263

Delta R.T. -0.06 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

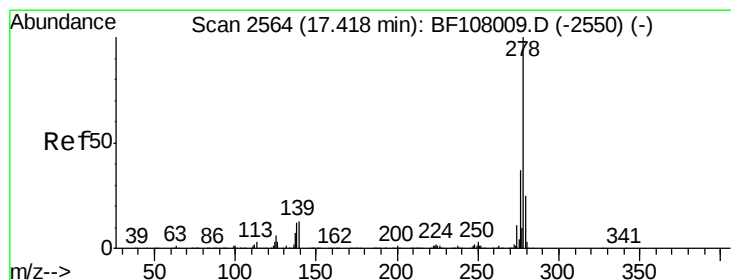
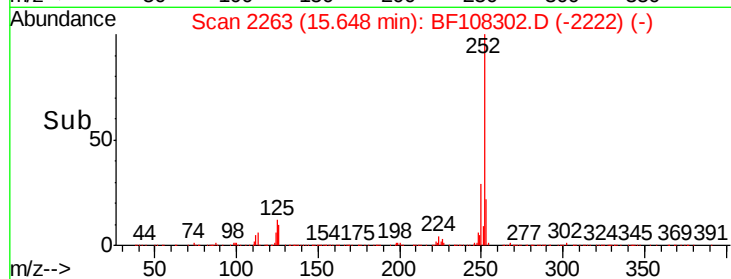
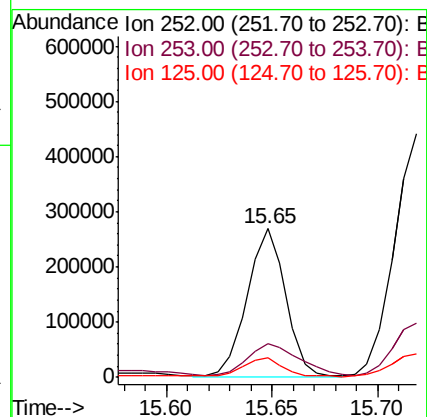
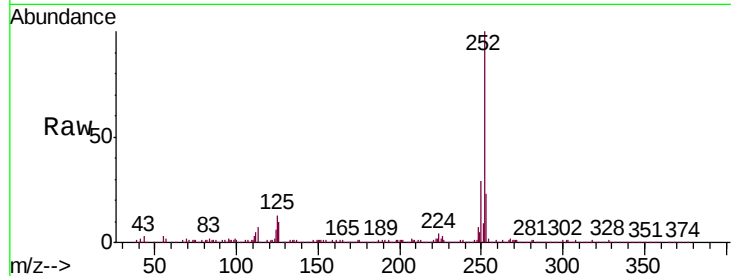
Instrument :

BNA_F

ClientSampleId :

72-11969

Tgt Ion:	252	Resp:	338385
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	12.8	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 6.356 ng

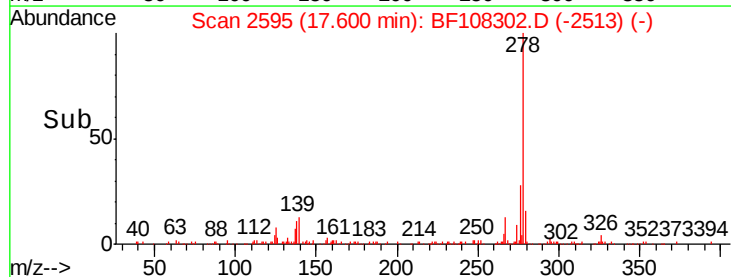
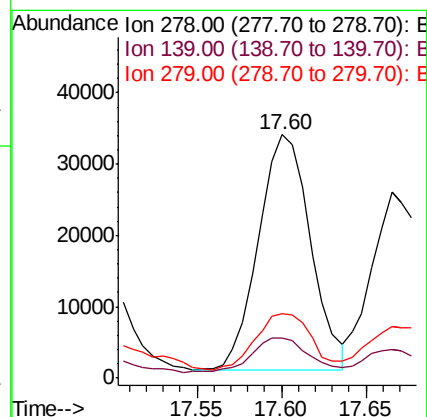
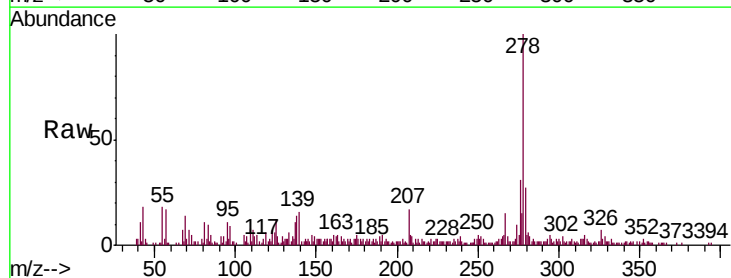
RT: 17.60 min Scan# 2595

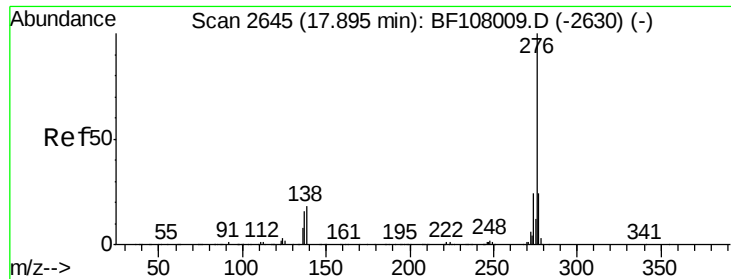
Delta R.T. 0.18 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

Tgt Ion:	278	Resp:	70343
Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.9	23.9
279	26.7	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 22.158 ng

RT: 17.91 min Scan# 2647

Delta R.T. 0.01 min

Lab File: BF108302.D

Acq: 20 Aug 2018 20:45

Instrument :

BNA_F

ClientSampleId :

72-11969

Tgt Ion: 276 Resp: 241463

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 18.4 21.8 32.8#

