

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115692.D
 Acq On : 20 Jul 2019 00:35
 Operator : HP/JU
 Sample : K3887-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 04:01:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	204537	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	784512	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	345898	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	520174	20.00	ng	0.00
76) Chrysene-d12	14.04	240	327874	20.00	ng	0.00
87) Perylene-d12	15.52	264	306013	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1096258	87.67	ng	0.00
7) Phenol-d6	6.52	99	1428054	90.00	ng	0.00
23) Nitrobenzene-d5	7.44	82	883682	65.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	290279	71.90	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1285704	65.06	ng	-0.01
79) Terphenyl-d14	12.99	244	889804	50.08	ng	-0.01

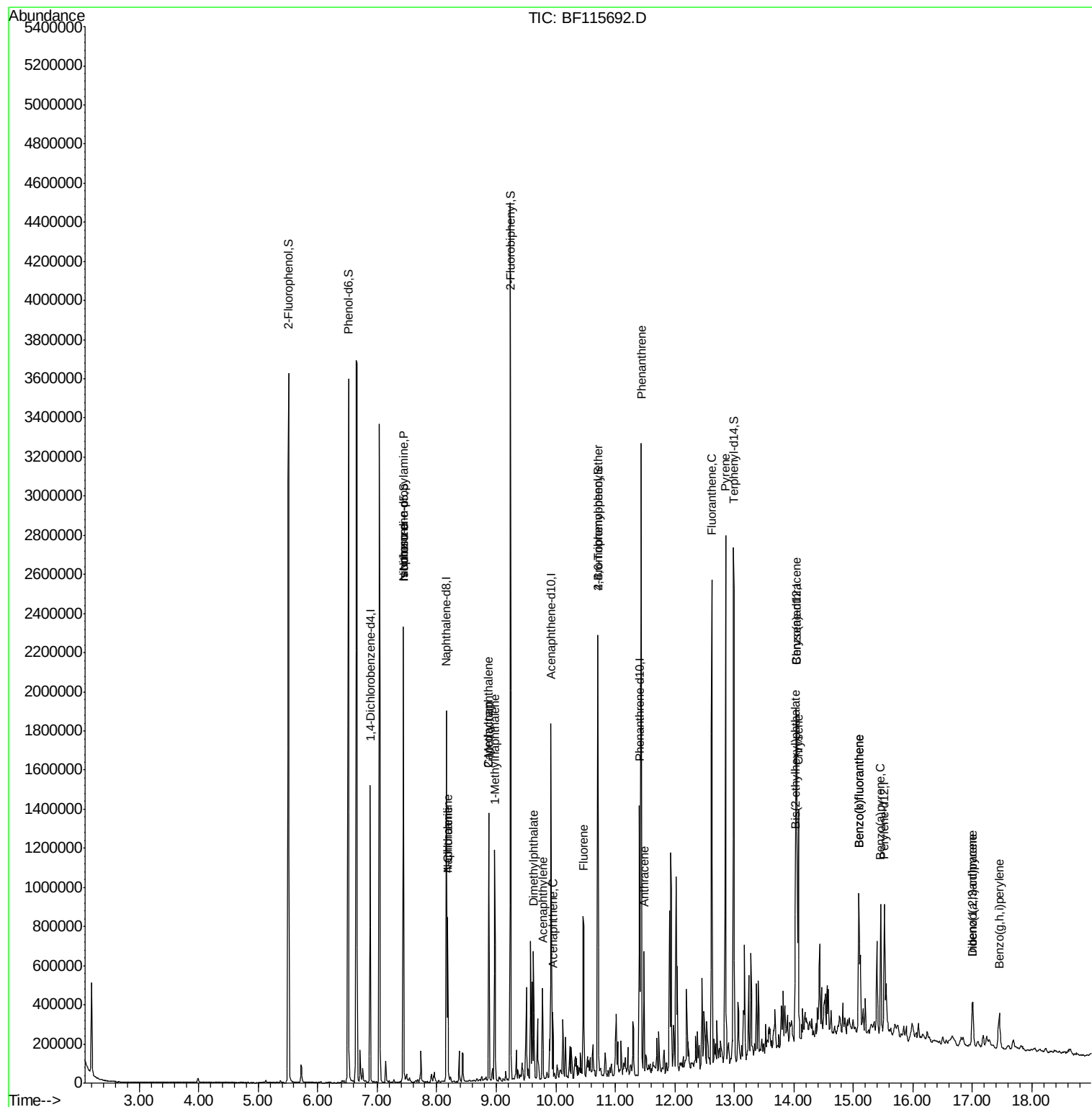
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.44	70	118296	11.432	ng	# 80
25) Isophorone	7.44	82	872120	32.304	ng	# 64
31) Naphthalene	8.19	128	354203	9.323	ng	95
33) 4-Chloroaniline	8.19	127	46091	2.739	ng	# 33
35) Caprolactam	8.87	113	7526	2.090	ng	# 1
37) 2-Methylnaphthalene	8.87	142	334662	13.288	ng	97
38) 1-Methylnaphthalene	8.97	142	279248	11.673	ng	99
49) Acenaphthylene	9.78	152	147566	4.423	ng	97
50) Dimethylphthalate	9.63	163	221509	8.512	ng	99
52) Acenaphthene	9.95	154	53584	2.488	ng	96
58) Fluorene	10.47	166	243350	11.128	ng	98
67) 4-Bromophenyl-phenylether	10.71	248	17943	3.018	ng	# 1
71) Phenanthrene	11.43	178	1129437	42.359	ng	98
72) Anthracene	11.48	178	215076	7.805	ng	98
75) Fluoranthene	12.62	202	860266	30.531	ng	99
78) Pyrene	12.85	202	1072339	38.603	ng	98
81) Benzo(a)anthracene	14.04	228	493946	22.867	ng	96
83) Chrysene	14.07	228	464473	21.420	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	144747	9.868	ng	# 97
86) Indeno(1,2,3-cd)pyrene	17.00	276	150428	8.166	ng	97
88) Benzo(b)fluoranthene	15.09	252	550474	27.936	ng	99
89) Benzo(k)fluoranthene	15.09	252	550474	31.334	ng	99
90) Benzo(a)pyrene	15.46	252	322886	19.065	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	44470	2.991	ng	# 91
92) Benzo(g,h,i)perylene	17.45	276	146440	9.876	ng	96

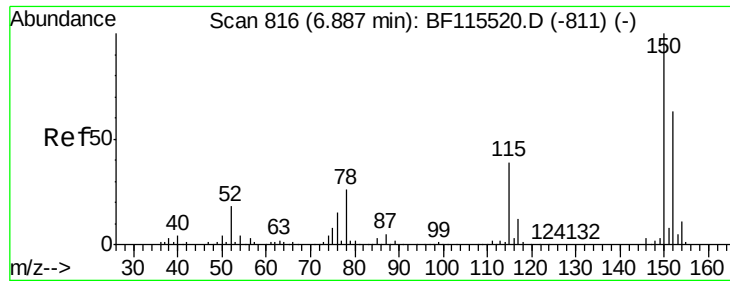
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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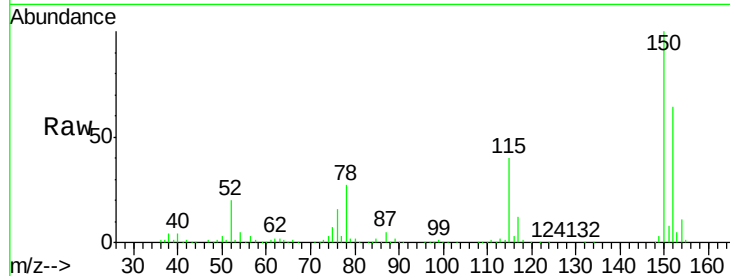


#1

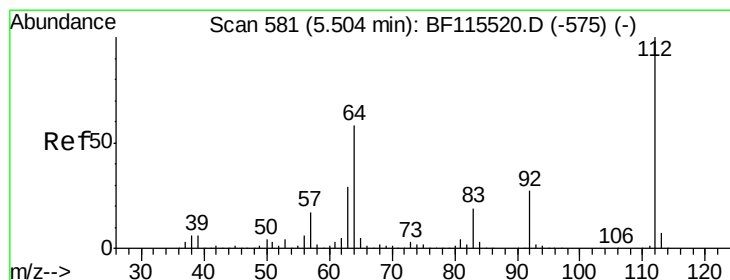
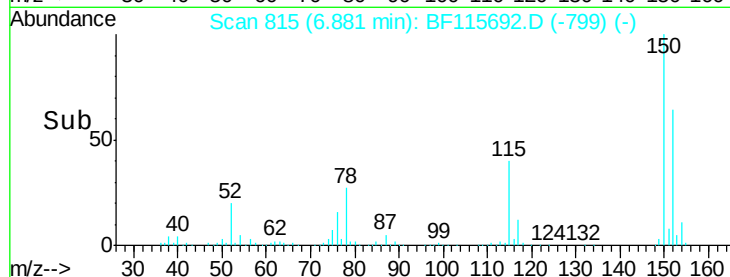
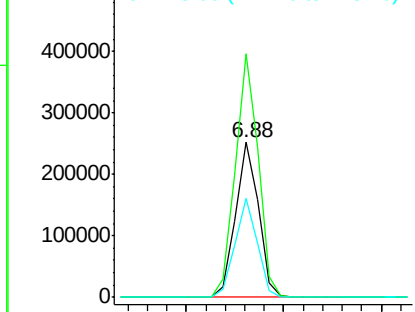
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 204537
Ion Ratio Lower Upper
152 100
150 156.9 129.7 194.5
115 63.5 48.2 72.4



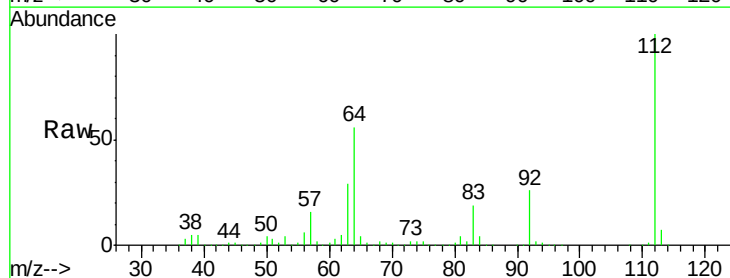
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



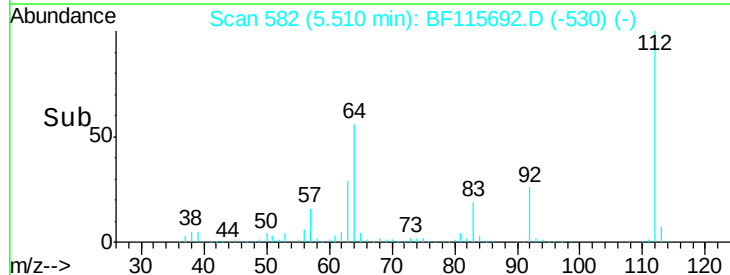
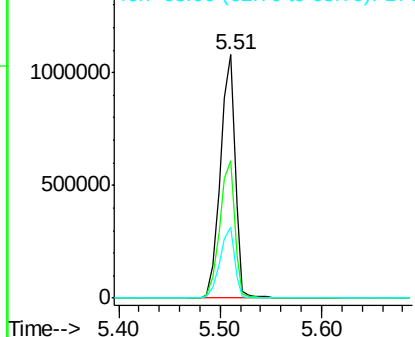
#5

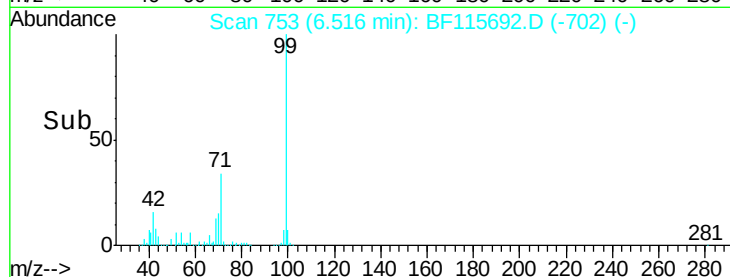
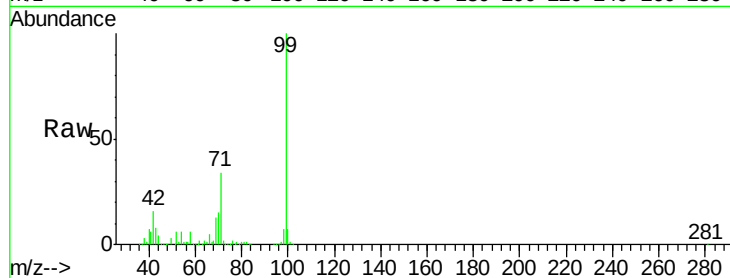
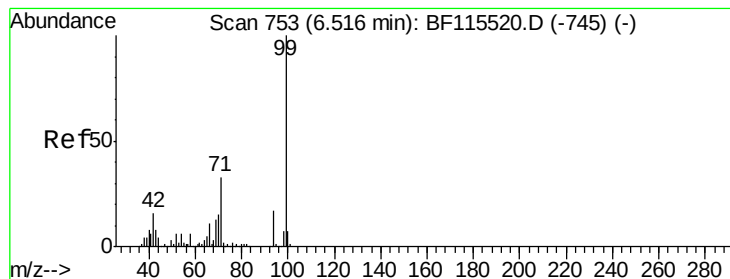
2-Fluorophenol
Concen: 87.669 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:112 Resp: 1096258
Ion Ratio Lower Upper
112 100
64 56.2 46.8 70.2
63 28.9 24.1 36.1



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: 90.003 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

Instrument :

BNA_F

ClientSampleId :

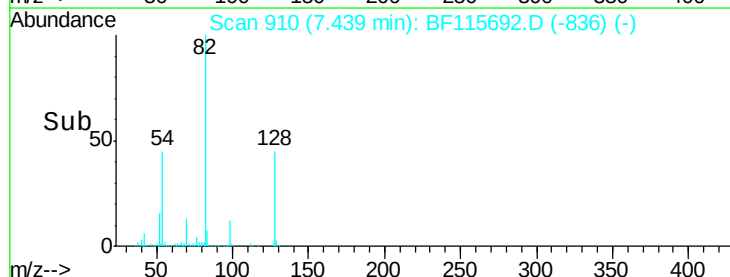
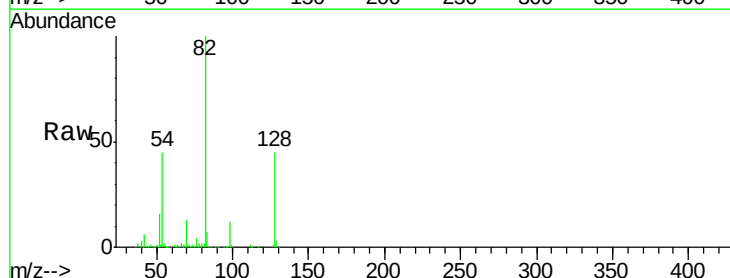
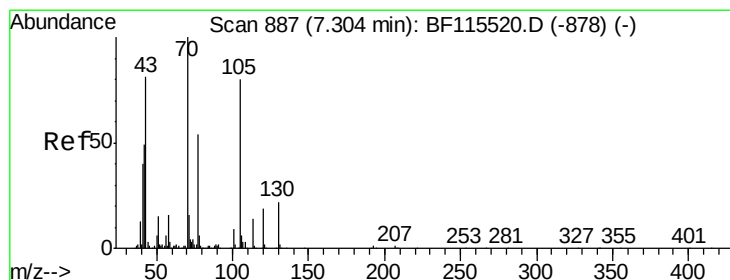
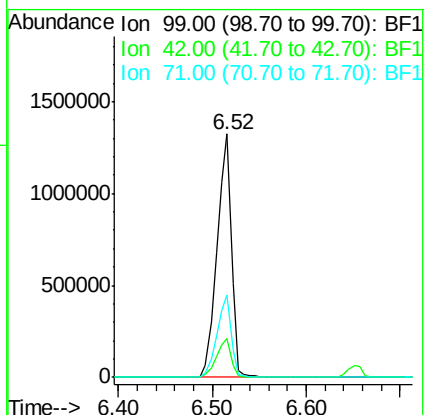
Tot Ion: 99 Resp: 1428054

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

71 34.0 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.432 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

Tgt Ion: 70 Resp: 118296

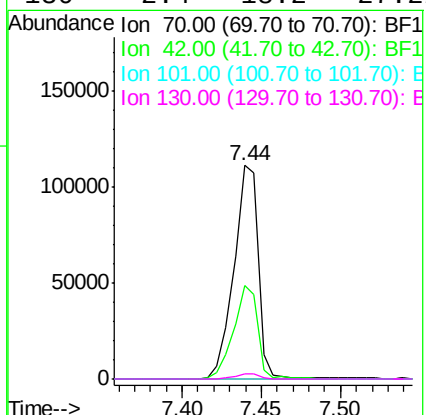
Ion Ratio Lower Upper

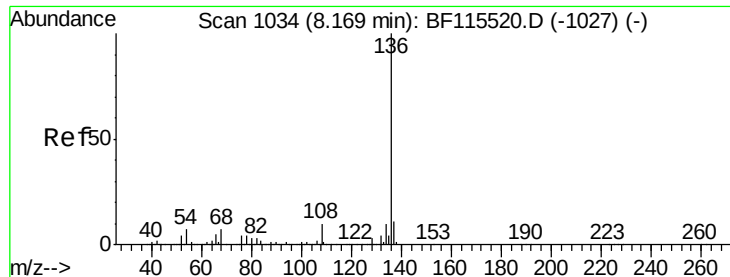
70 100

42 44.1 39.6 59.4

101 0.0 8.1 12.1#

130 2.4 18.2 27.2#

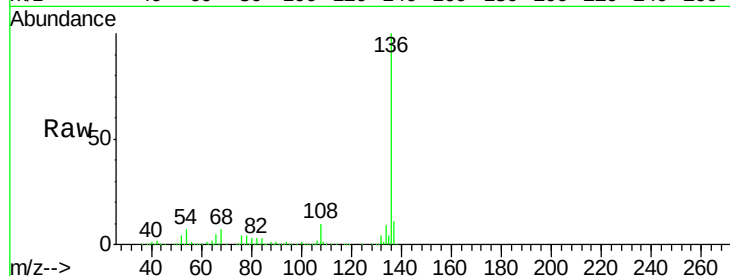




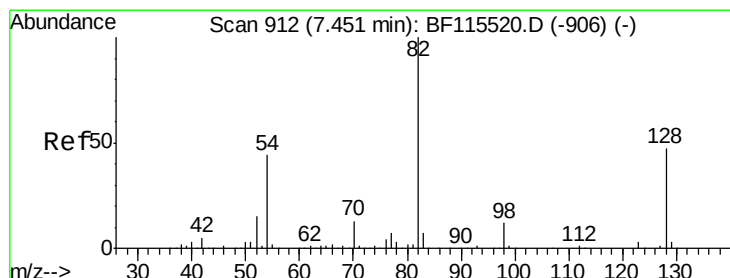
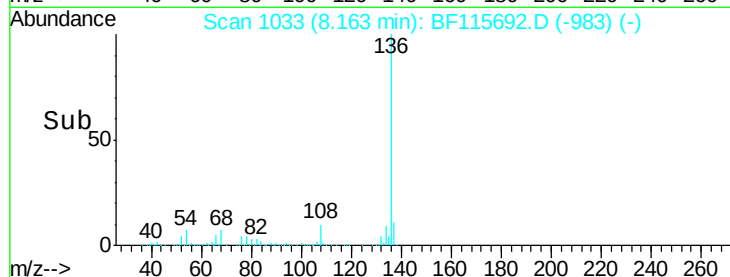
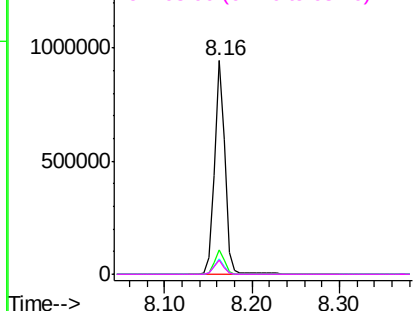
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	784512
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.0	13.4
54 7.2	5.6	8.4
68 6.5	5.0	7.6

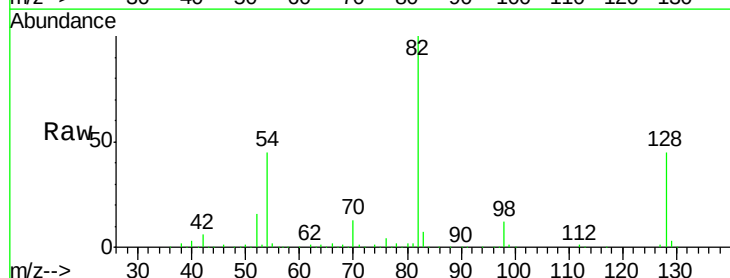


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

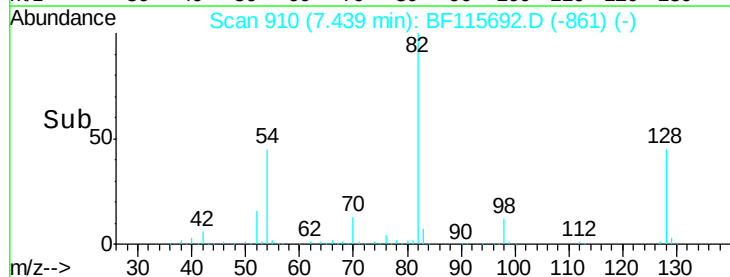
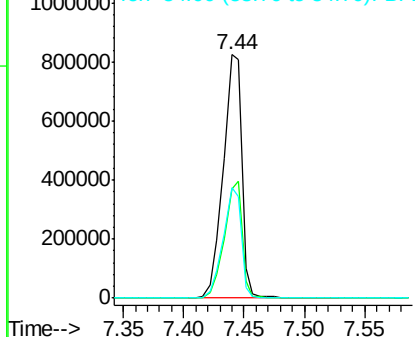


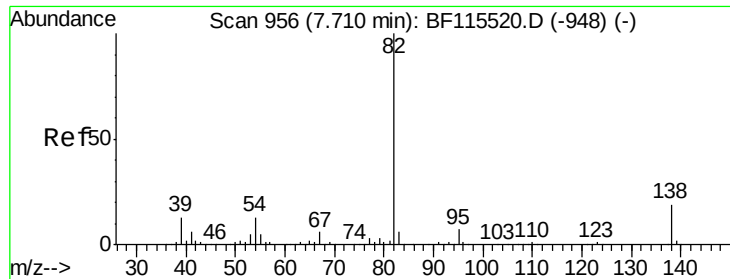
#23
Nitrobenzene-d5
Concen: 65.497 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion: 82	Resp: 883682
Ion Ratio	Lower Upper
82 100	
128 44.8	38.6 57.8
54 45.3	35.6 53.4



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: 32.304 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

Instrument :

BNA_F

ClientSampleId :

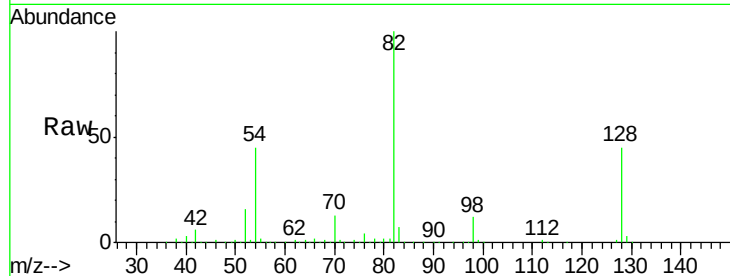
Tot Ion: 82 Resp: 872120

Ion Ratio Lower Upper

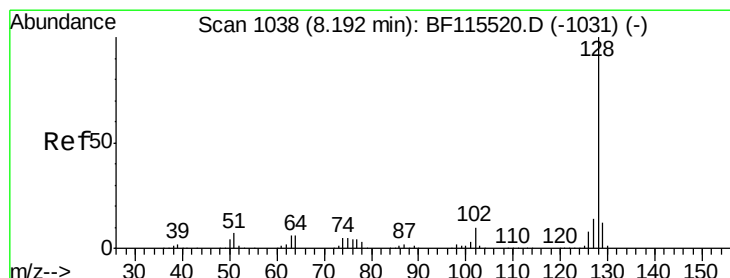
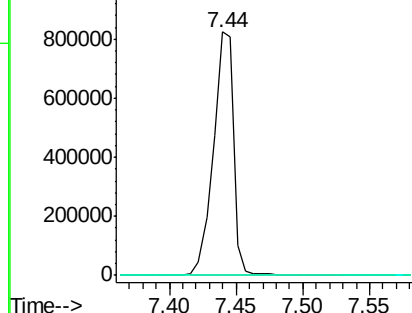
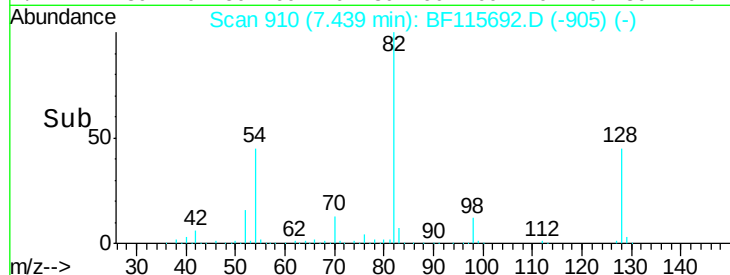
82 100

95 0.0 5.5 8.3#

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: 9.323 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

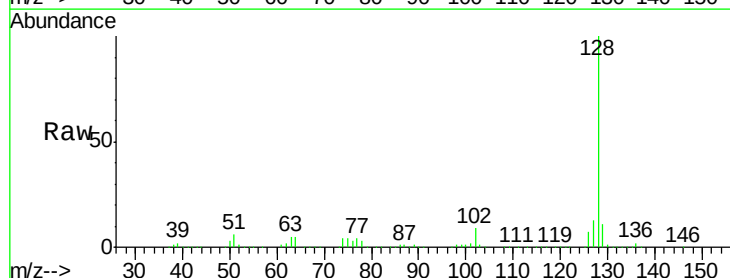
Tgt Ion: 128 Resp: 354203

Ion Ratio Lower Upper

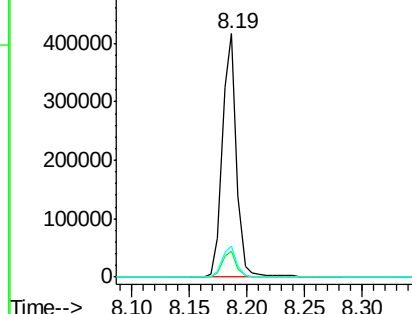
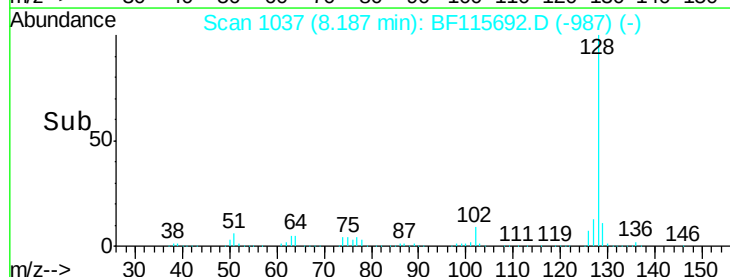
128 100

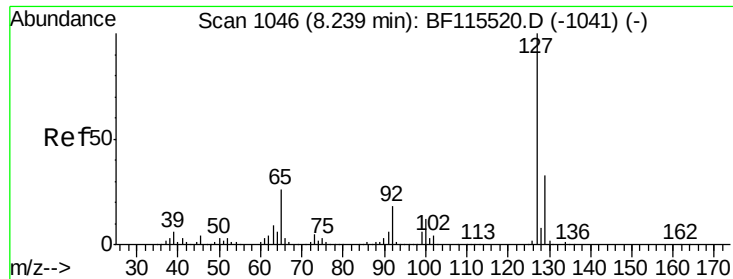
129 10.9 9.9 14.9

127 12.8 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1

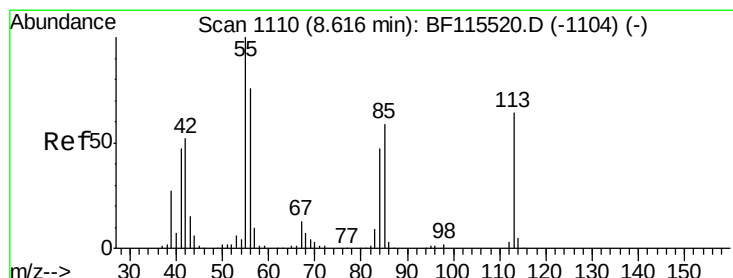
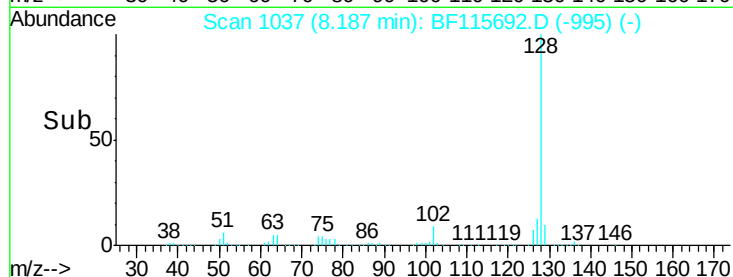
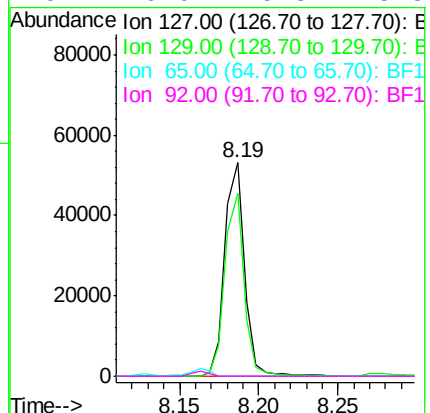
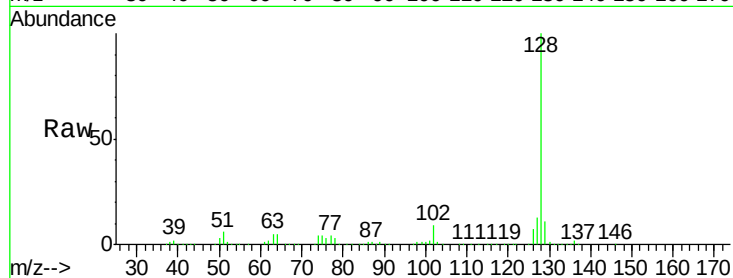




#33
4-Chloroaniline
Concen: 2.739 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

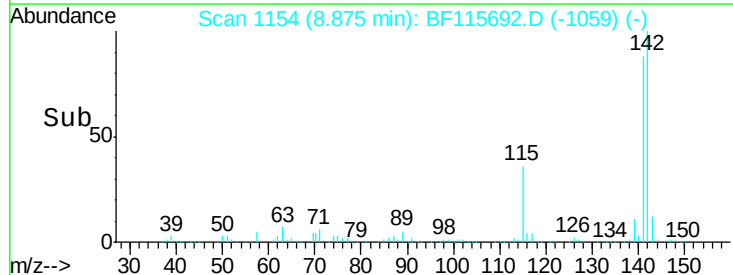
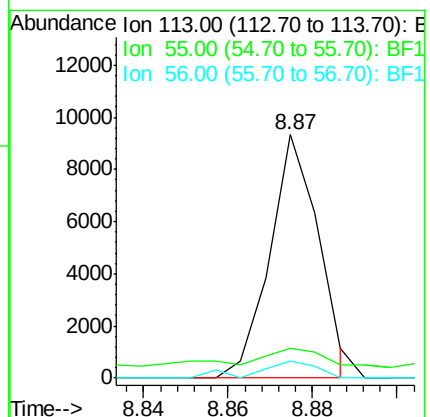
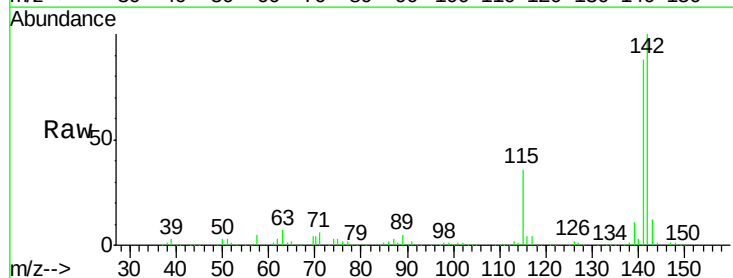
Instrument :
BNA_F
ClientSampleId :

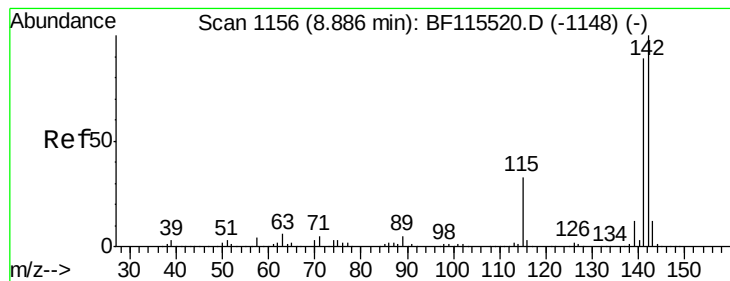
Tot Ion:127	Resp:	46091
Ion Ratio	Lower	Upper
127	100	
129	85.8	26.6 39.8#
65	0.0	23.7 35.5#
92	0.0	15.8 23.8#



#35
Caprolactam
Concen: 2.090 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.26 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:113	Resp:	7526
Ion Ratio	Lower	Upper
113	100	
55	12.3	126.9 166.9#
56	7.1	90.3 130.3#





#37

2-Methylnaphthalene

Concen: 13.288 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

Instrument :

BNA_F

ClientSampled :

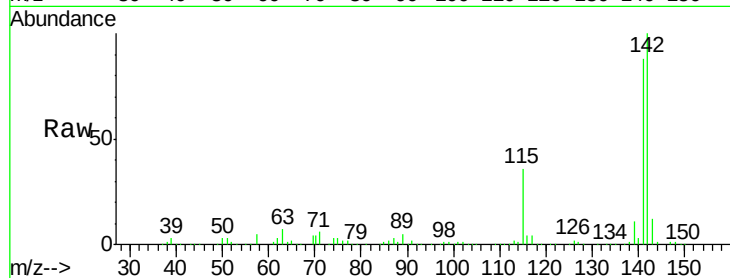
Tot Ion:142 Resp: 334662

Ion Ratio Lower Upper

142 100

141 87.5 72.0 108.0

115 35.9 29.9 44.9



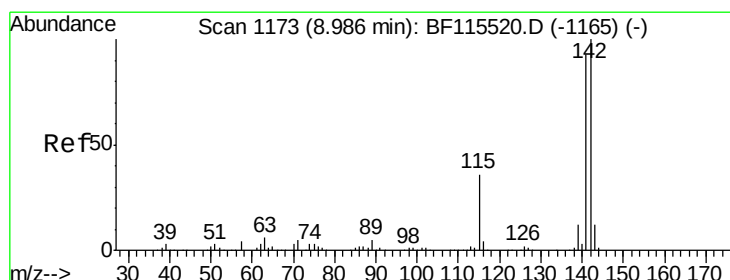
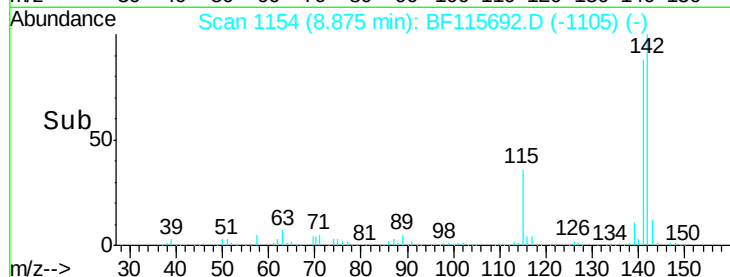
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.87

Time-->



#38

1-Methylnaphthalene

Concen: 11.673 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

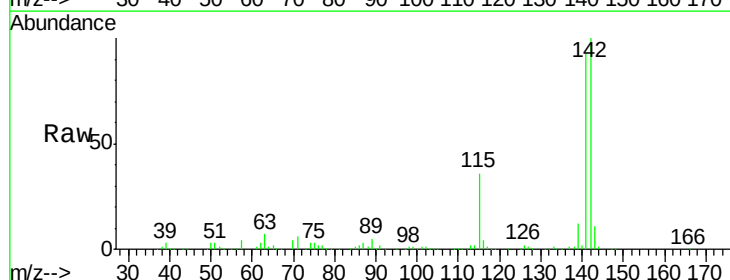
Tgt Ion:142 Resp: 279248

Ion Ratio Lower Upper

142 100

141 92.6 75.3 112.9

116 3.8 3.3 4.9



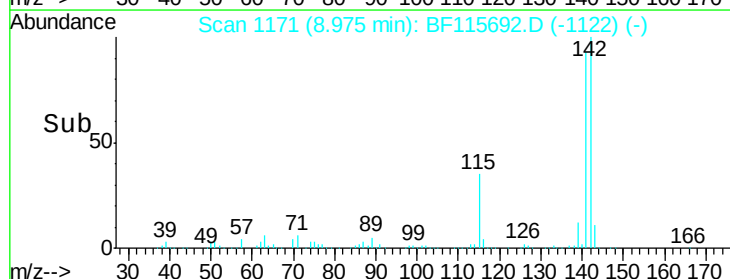
Abundance Ion 142.00 (141.70 to 142.70): E

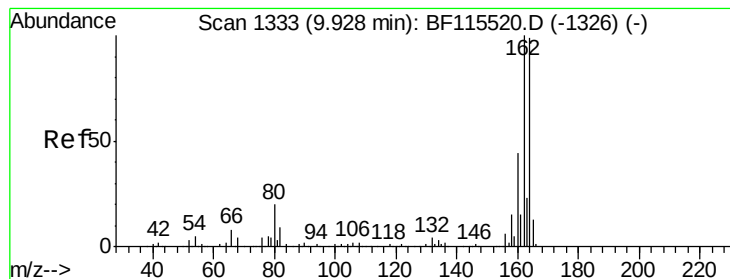
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.97

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

Instrument :

BNA_F

ClientSampleId :

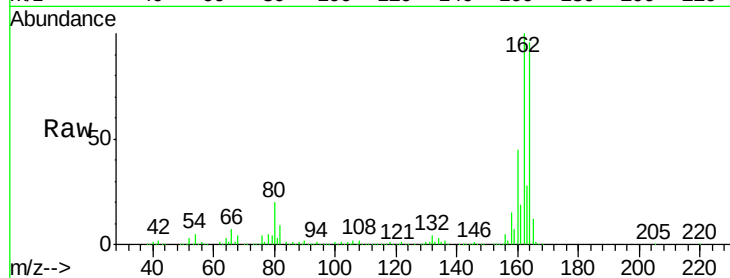
Tot Ion:164 Resp: 345898

Ion Ratio Lower Upper

164 100

162 103.9 82.9 124.3

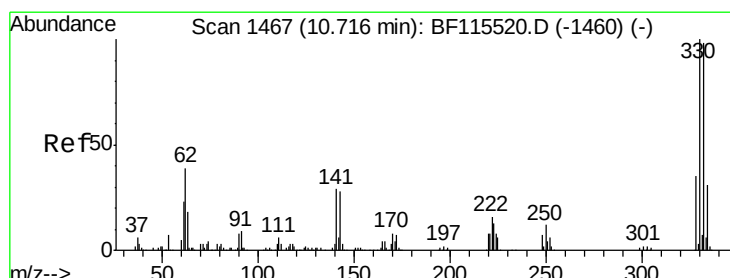
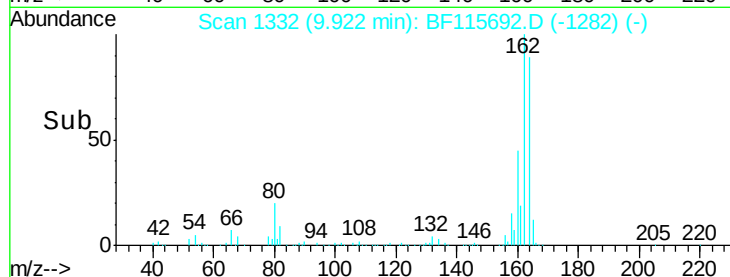
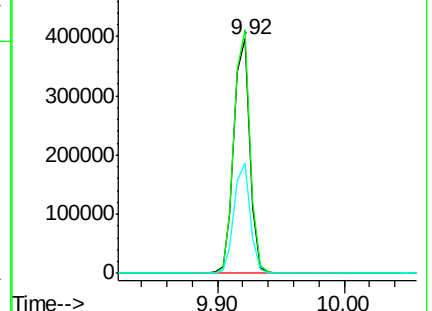
160 47.1 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 71.896 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

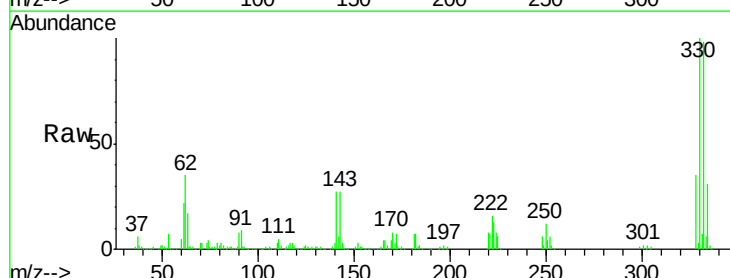
Tgt Ion:330 Resp: 290279

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

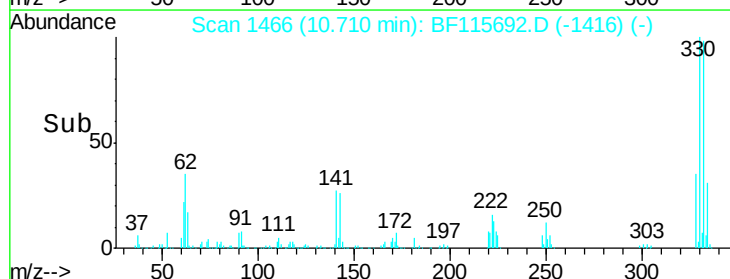
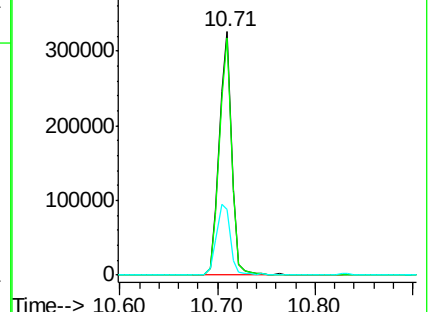
141 32.1 22.4 33.6

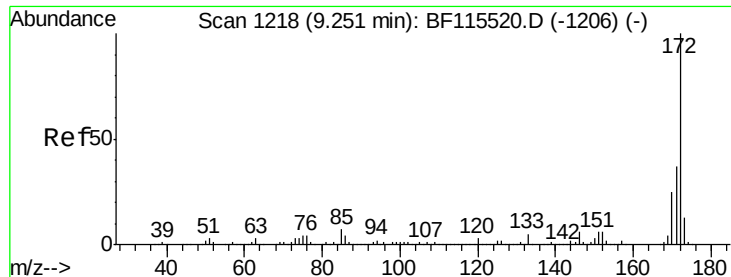


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

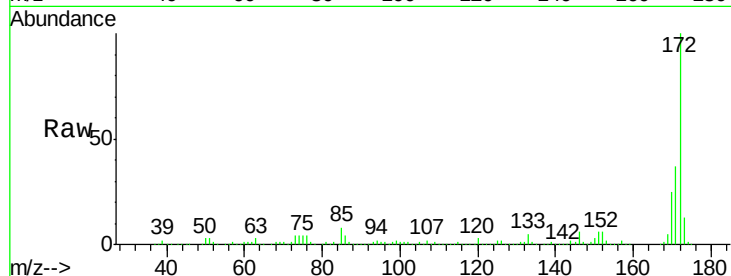




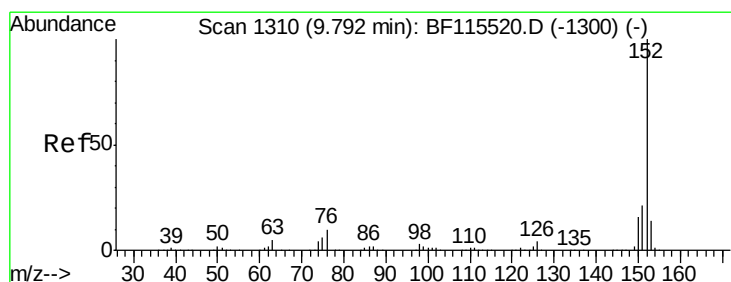
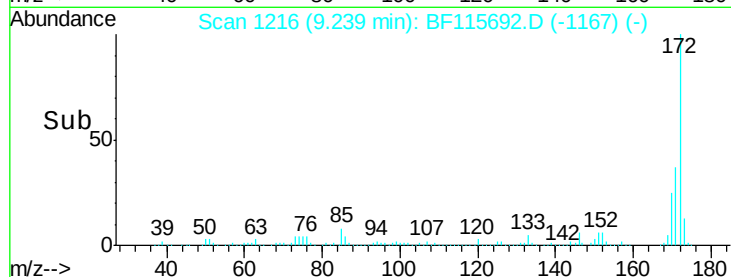
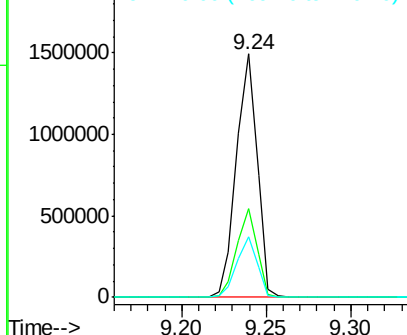
#45
2-Fluorobiphenyl
Concen: 65.058 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1285704
Ion Ratio Lower Upper
172 100
171 36.6 30.6 46.0
170 24.9 20.5 30.7

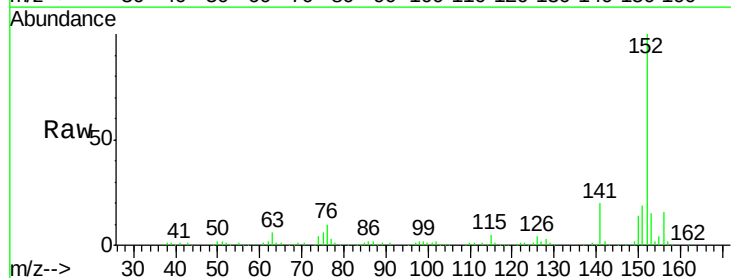


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

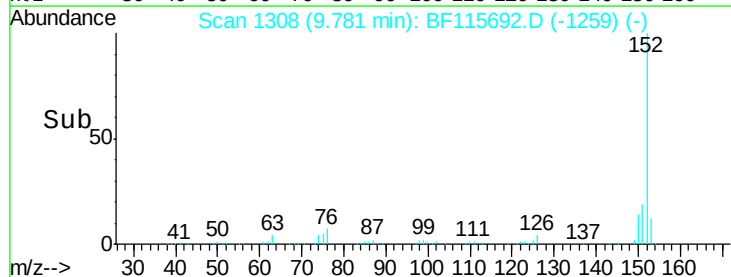
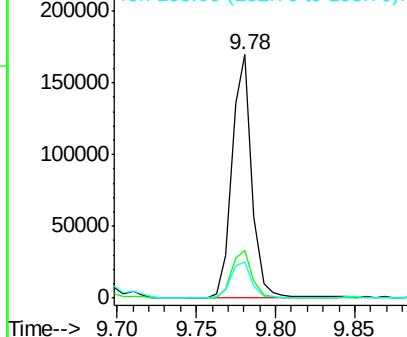


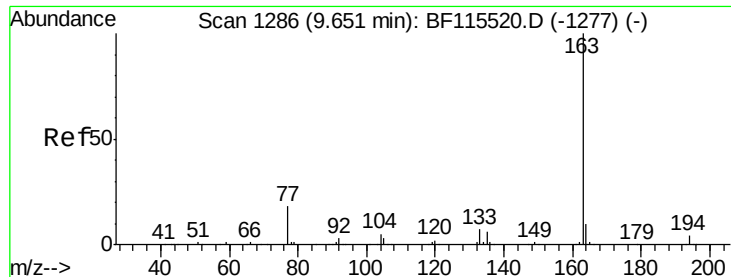
#49
Acenaphthylene
Concen: 4.423 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:152 Resp: 147566
Ion Ratio Lower Upper
152 100
151 19.5 17.7 26.5
153 15.1 12.0 18.0



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





#50

Dimethylphthalate

Concen: 8.512 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

Instrument :

BNA_F

ClientSampleId :

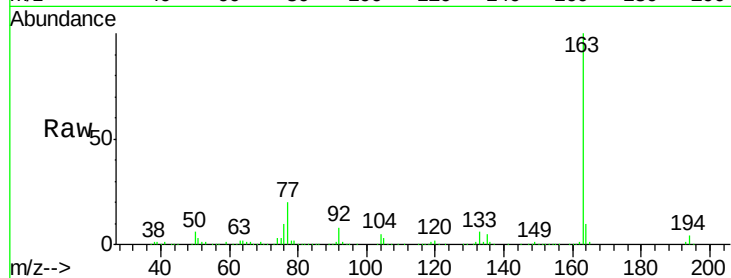
Tot Ion:163 Resp: 221509

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

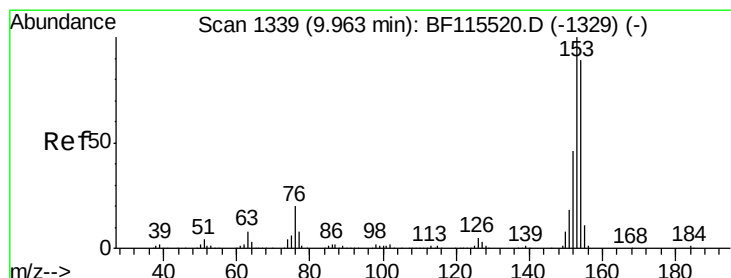
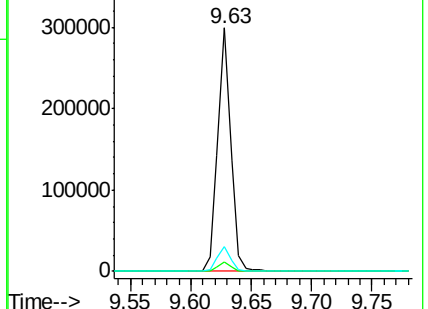
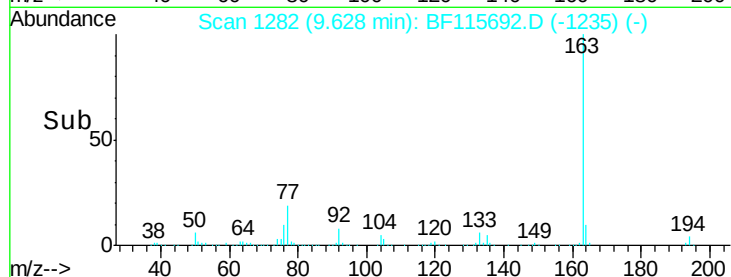
164 10.2 8.7 13.1



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



#52

Acenaphthene

Concen: 2.488 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

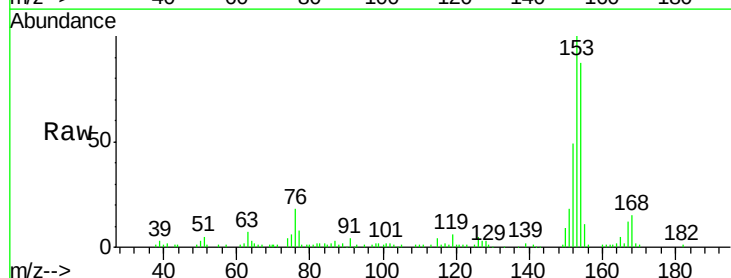
Tgt Ion:154 Resp: 53584

Ion Ratio Lower Upper

154 100

153 115.4 88.6 133.0

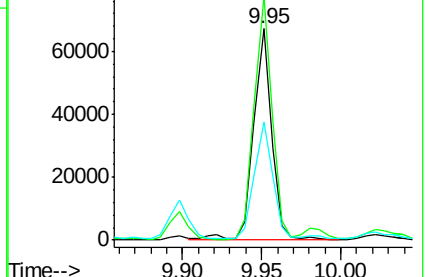
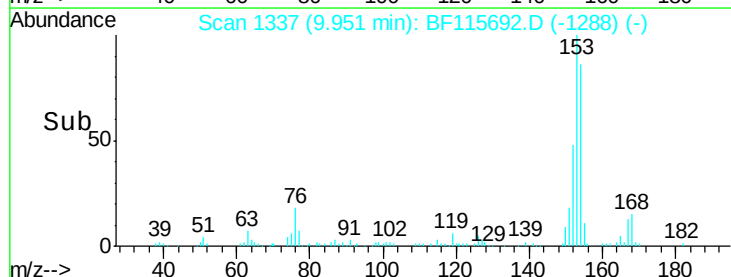
152 56.2 42.3 63.5

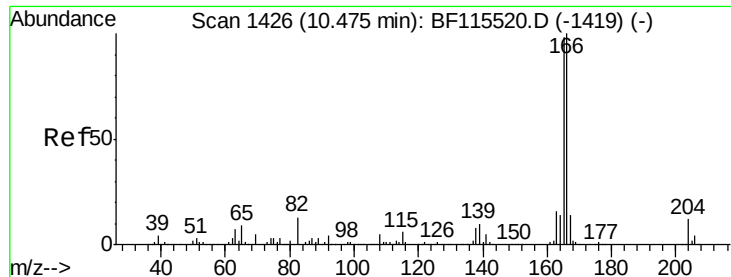


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

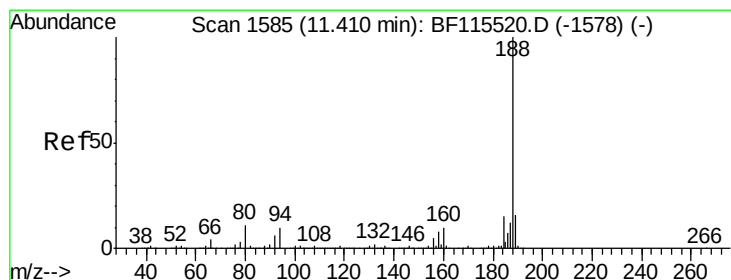
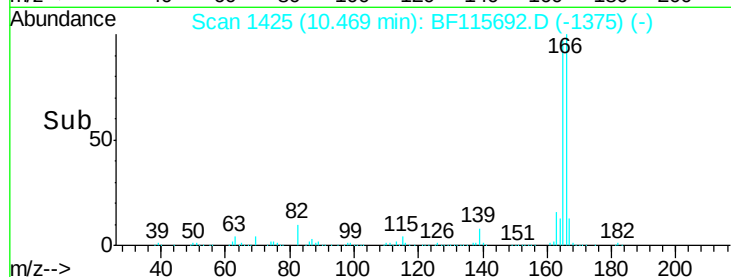
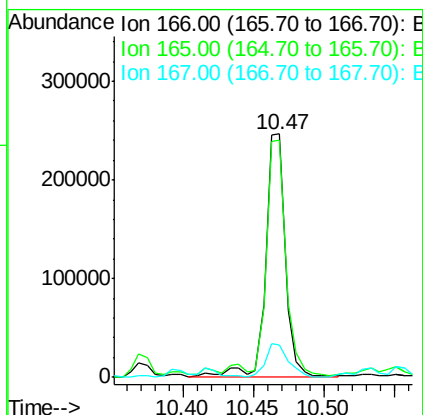
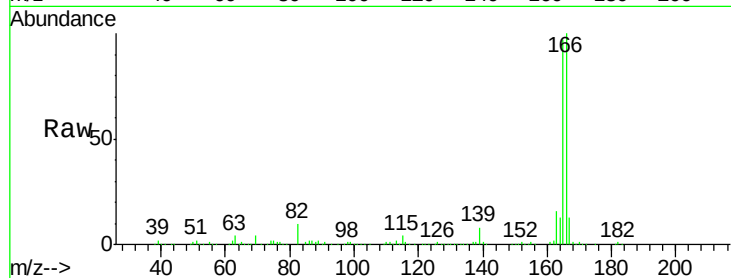




#58
 Fluorene
 Concen: 11.128 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF115692.D
 Acq: 20 Jul 2019 00:35

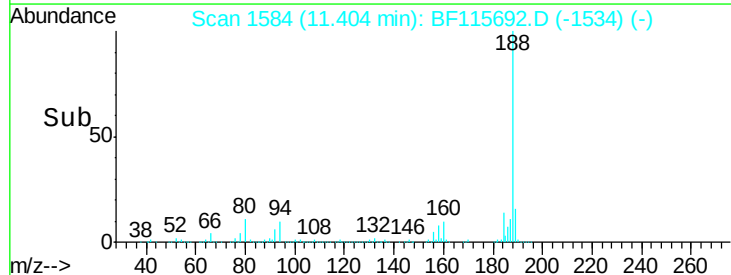
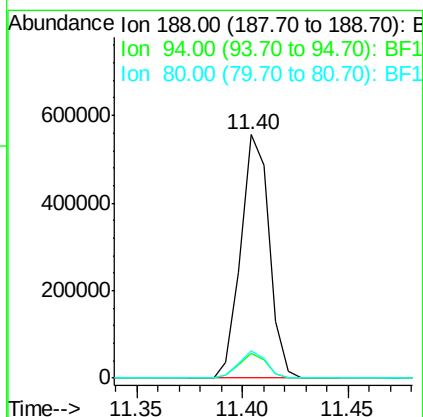
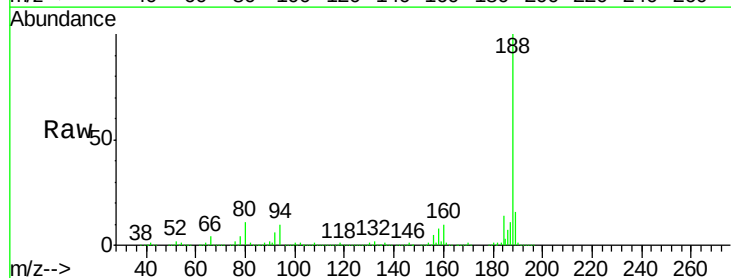
Instrument :
 BNA_F
 ClientSampleId :

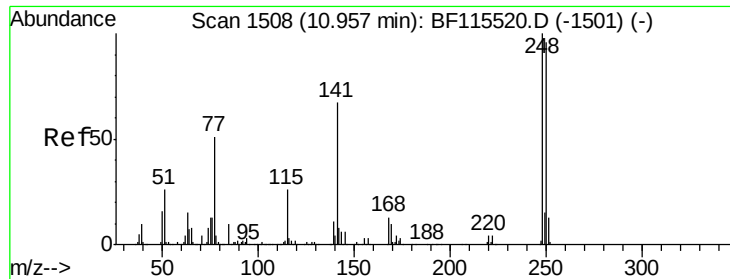
Tot Ion:166 Resp: 243350
 Ion Ratio Lower Upper
 166 100
 165 97.4 79.8 119.6
 167 13.5 11.2 16.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF115692.D
 Acq: 20 Jul 2019 00:35

Tgt Ion:188 Resp: 520174
 Ion Ratio Lower Upper
 188 100
 94 10.3 7.8 11.6
 80 11.3 8.6 13.0

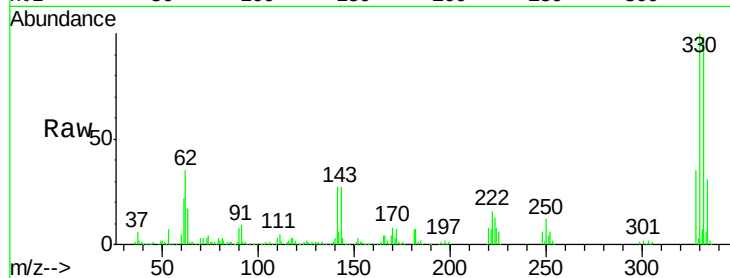




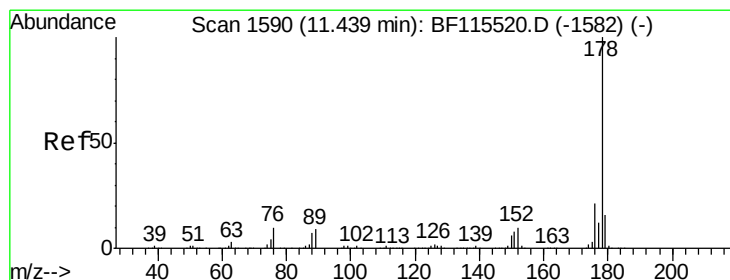
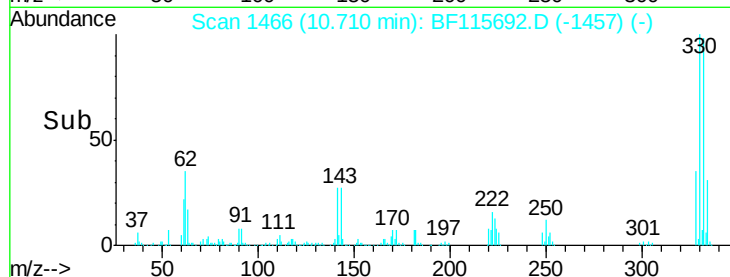
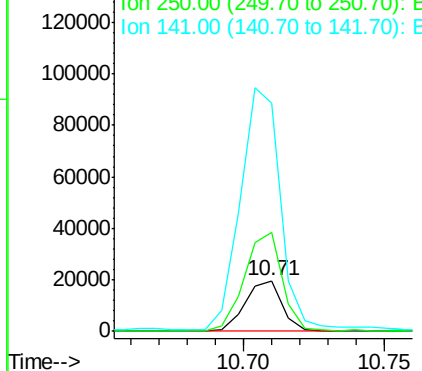
#67
 4-Bromophenyl-phenylether
 Concen: 3.018 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF115692.D
 Acq: 20 Jul 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17943
 Ion Ratio Lower Upper
 248 100
 250 195.7 78.0 117.0#
 141 448.9 57.7 86.5#

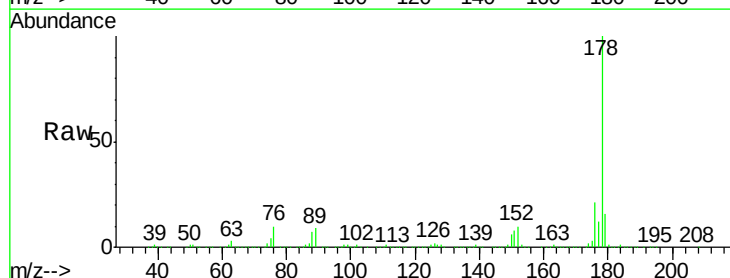


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

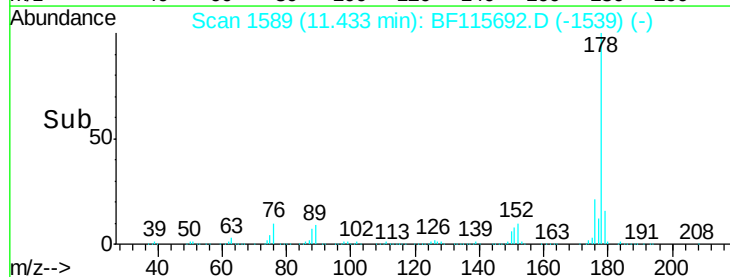
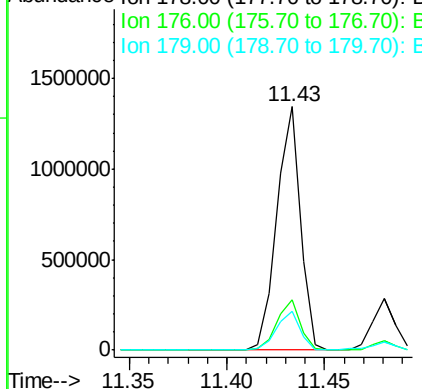


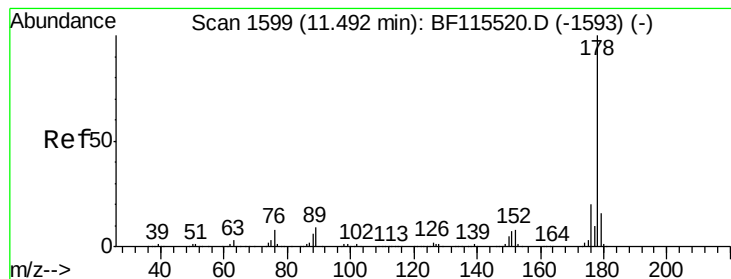
#71
 Phenanthrene
 Concen: 42.359 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF115692.D
 Acq: 20 Jul 2019 00:35

Tgt Ion:178 Resp: 1129437
 Ion Ratio Lower Upper
 178 100
 176 20.7 17.2 25.8
 179 16.0 13.5 20.3



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

Anthracene

Concen: 7.805 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

Instrument :

BNA_F

ClientSampleId :

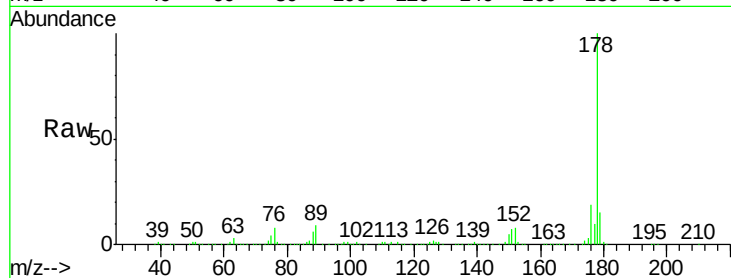
Tot Ion:178 Resp: 215076

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

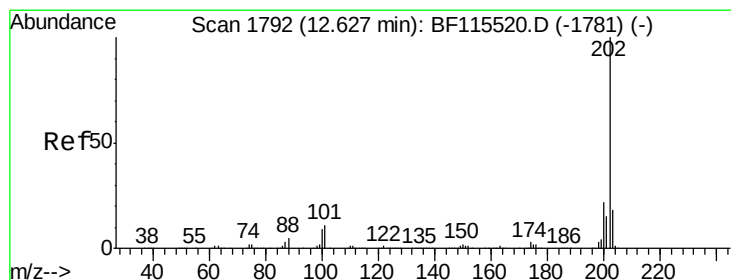
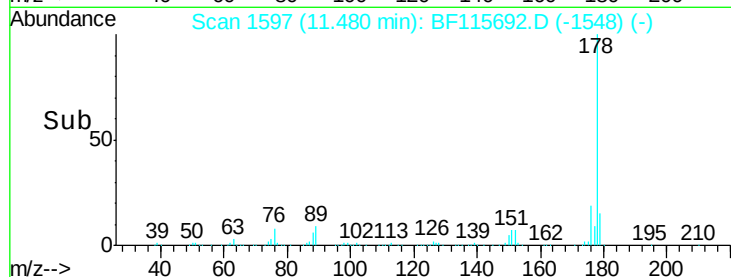
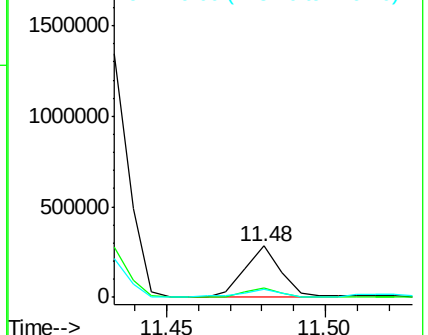
179 15.0 12.7 19.1



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



#75

Fluoranthene

Concen: 30.531 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

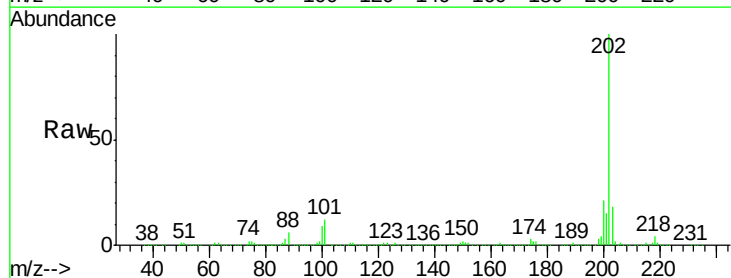
Tgt Ion:202 Resp: 860266

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.4

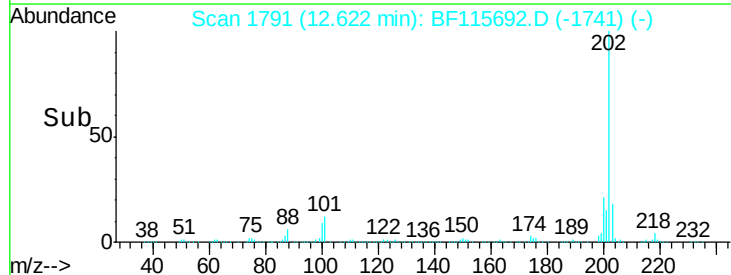
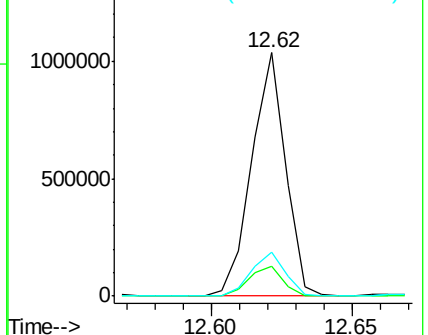
203 18.1 0.0 38.1

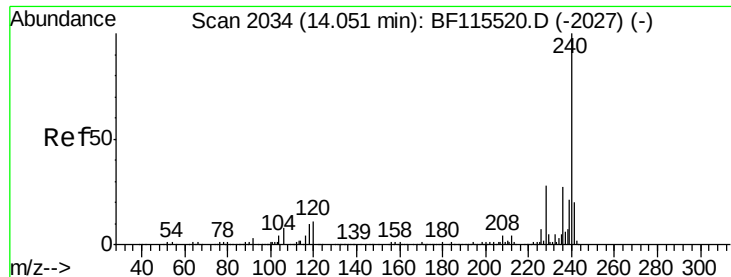


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

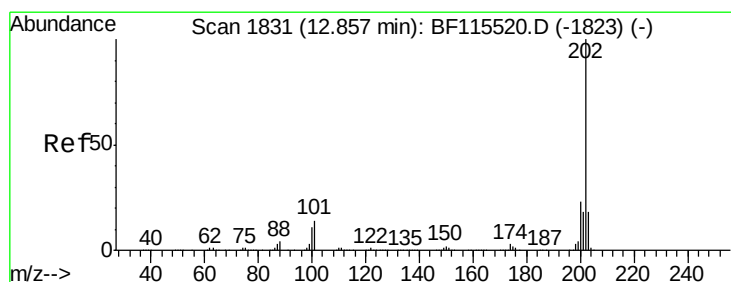
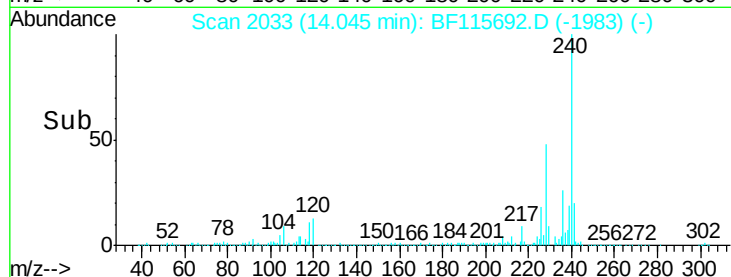
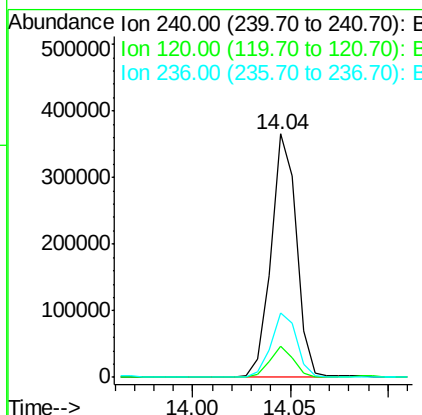
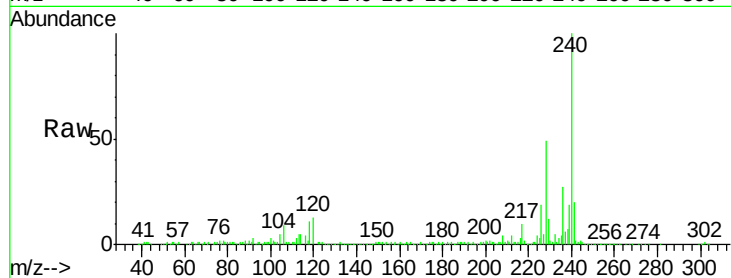




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

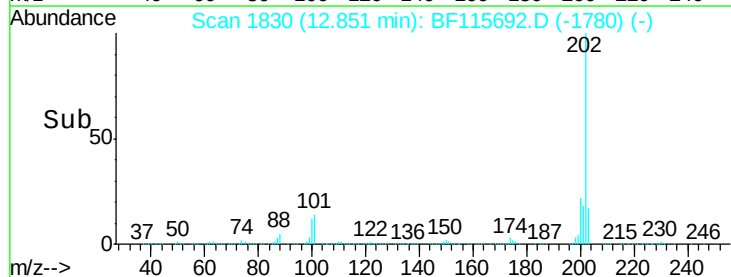
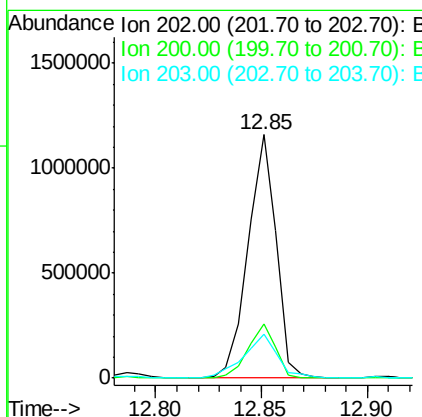
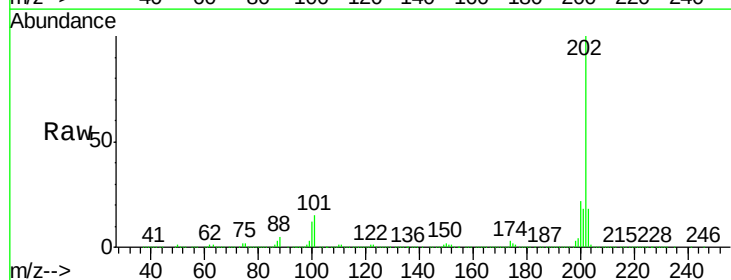
Instrument :
BNA_F
ClientSampleId :

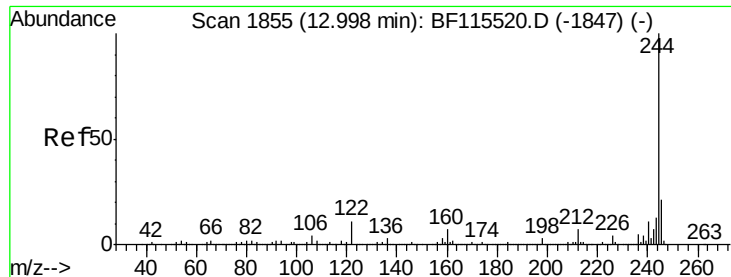
Tot Ion:240 Resp: 327874
Ion Ratio Lower Upper
240 100
120 12.8 8.6 13.0
236 26.5 21.3 31.9



#78
Pyrene
Concen: 38.603 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:202 Resp: 1072339
Ion Ratio Lower Upper
202 100
200 22.3 18.7 28.1
203 18.3 15.2 22.8





#79

Terphenyl-d14

Concen: 50.075 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

Instrument :

BNA_F

ClientSampleId :

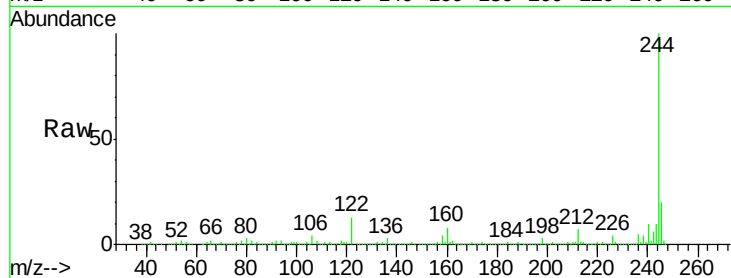
Tot Ion:244 Resp: 889804

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

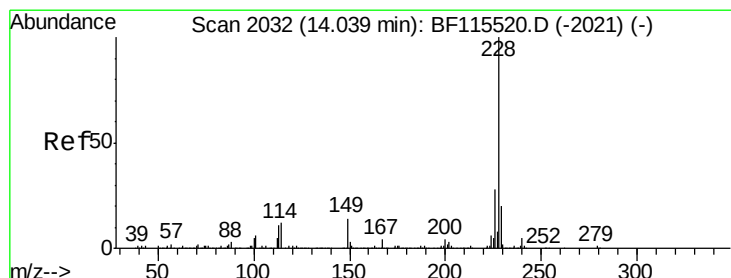
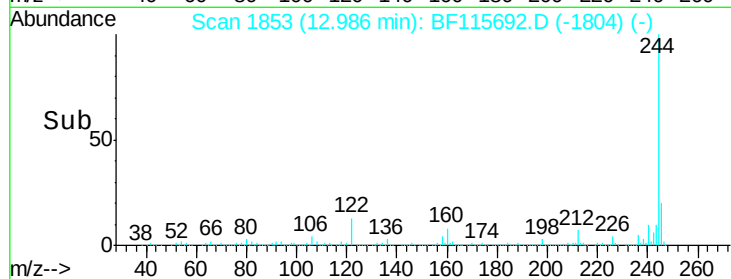
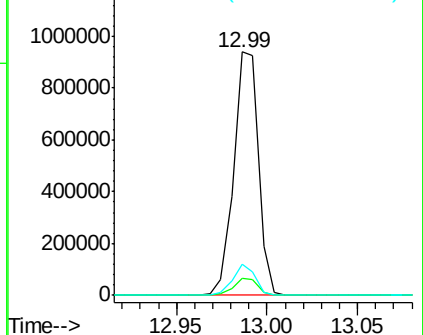
122 12.8 8.6 12.8



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



#81

Benzo(a)anthracene

Concen: 22.867 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF115692.D

Acq: 20 Jul 2019 00:35

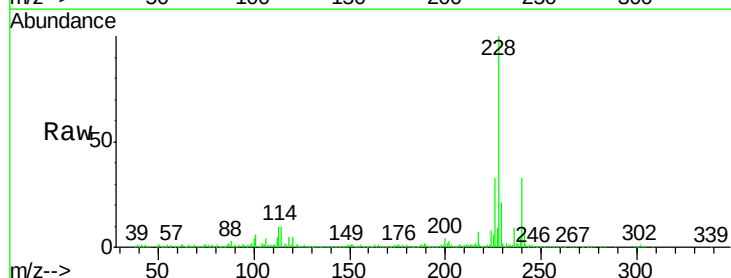
Tgt Ion:228 Resp: 493946

Ion Ratio Lower Upper

228 100

226 33.3 23.4 35.0

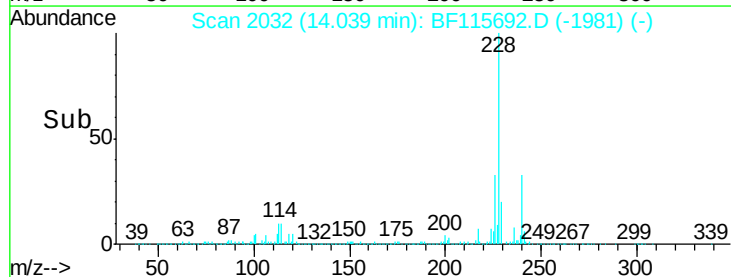
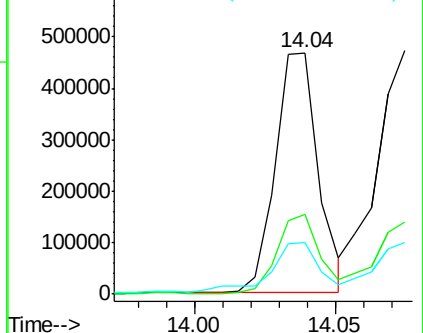
229 21.4 17.2 25.8

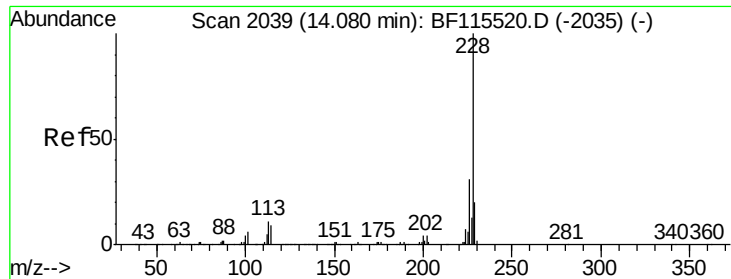


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

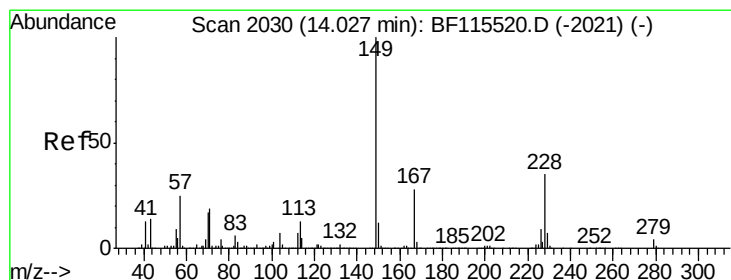
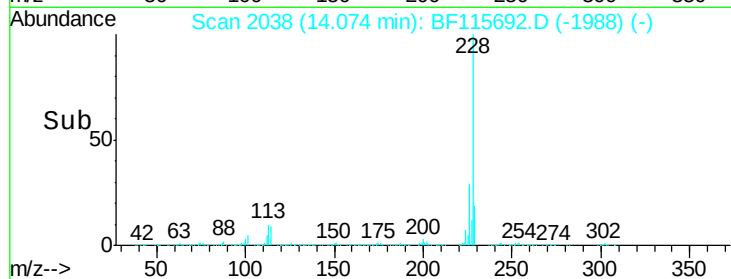
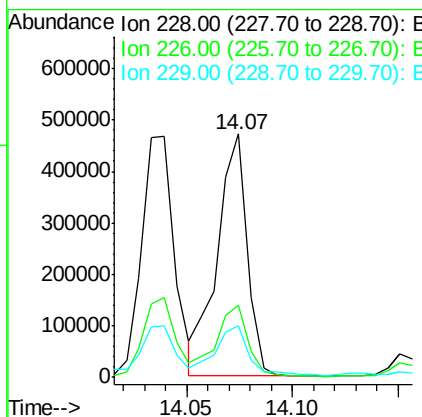
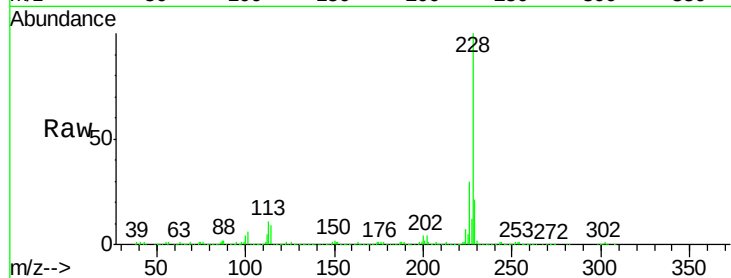




#83
Chrysene
Concen: 21.420 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

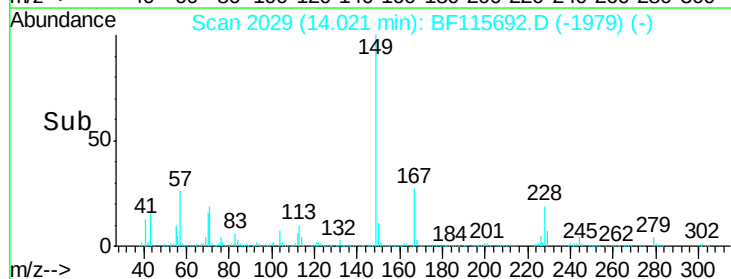
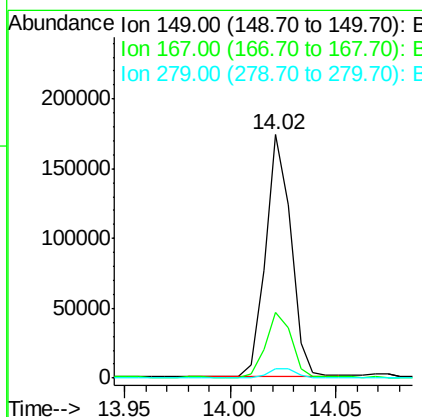
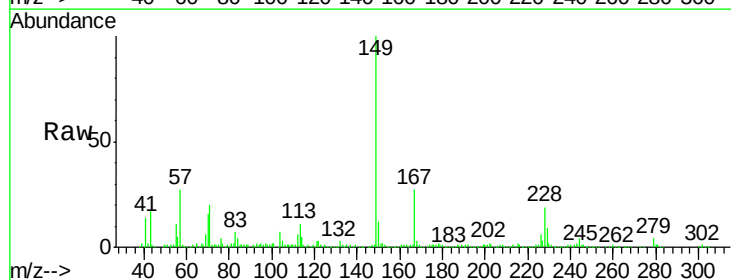
Instrument :
BNA_F
ClientSampleId :

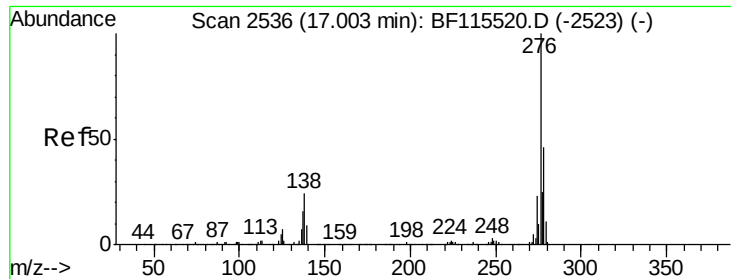
Tot Ion:228 Resp: 464473
Ion Ratio Lower Upper
228 100
226 29.8 25.7 38.5
229 21.3 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.868 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:149 Resp: 144747
Ion Ratio Lower Upper
149 100
167 27.2 23.0 34.4
279 3.8 4.2 6.2#

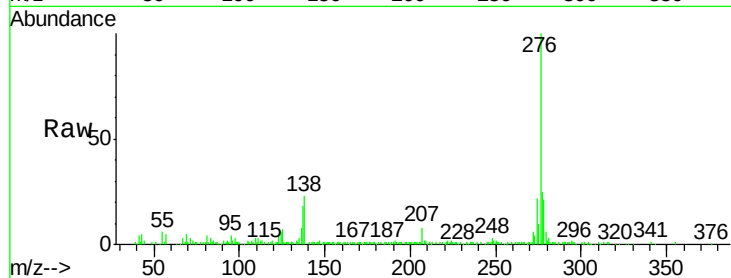




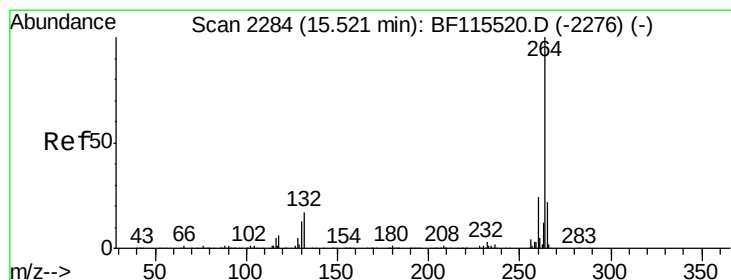
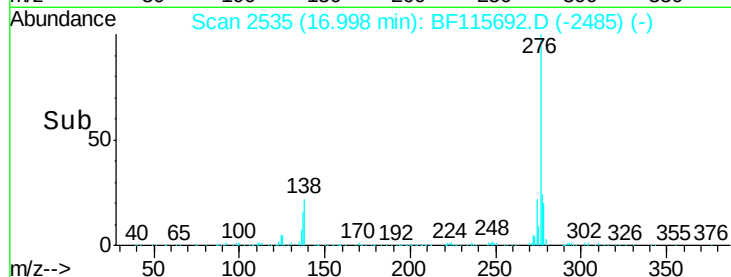
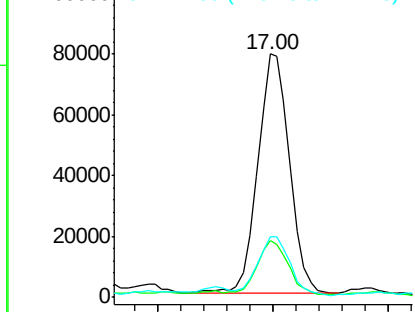
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 8.166 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BF115692.D
 Acq: 20 Jul 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 150428
 Ion Ratio Lower Upper
 276 100
 138 22.4 20.2 30.2
 277 25.1 20.4 30.6

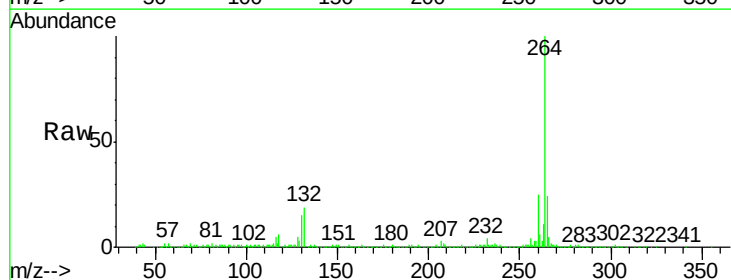


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

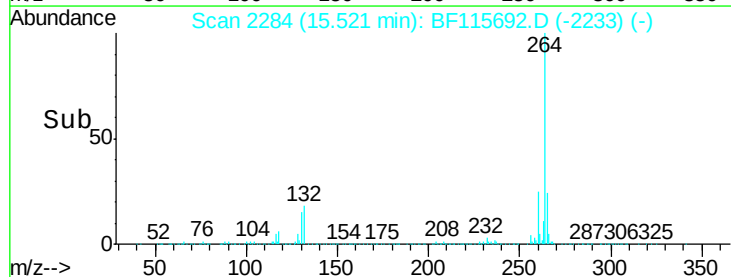
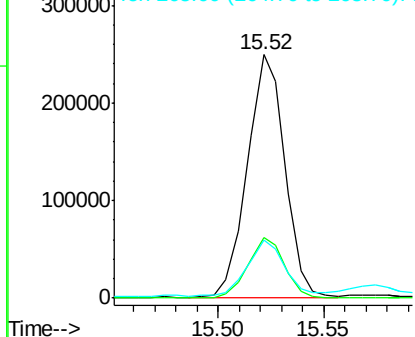


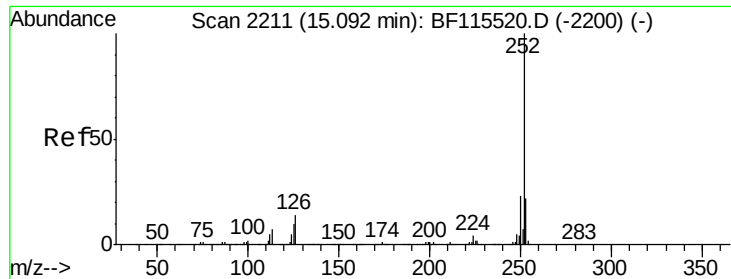
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: BF115692.D
 Acq: 20 Jul 2019 00:35

Tgt Ion:264 Resp: 306013
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.8
 265 24.0 17.7 26.5



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

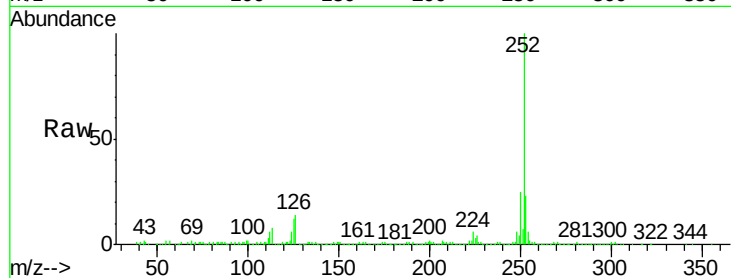




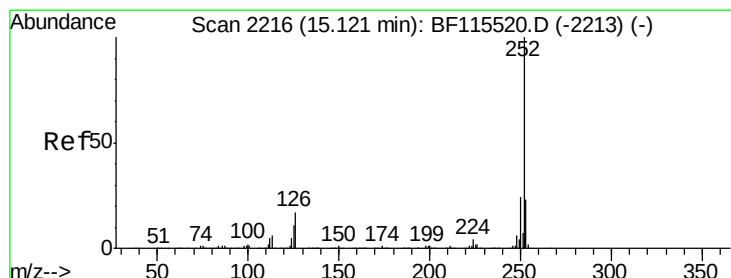
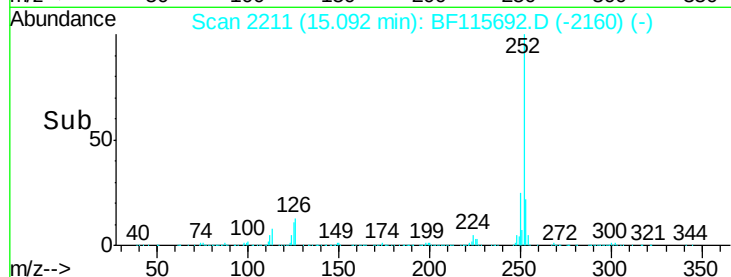
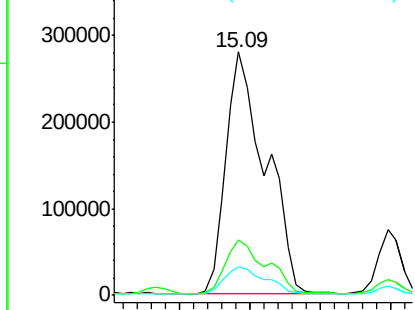
#88
Benzo(b)fluoranthene
Concen: 27.936 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 550474
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.7 9.0 13.4

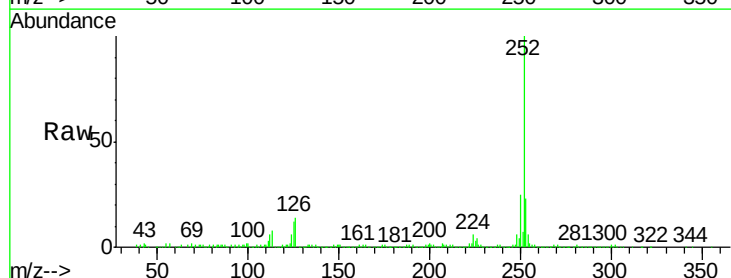


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

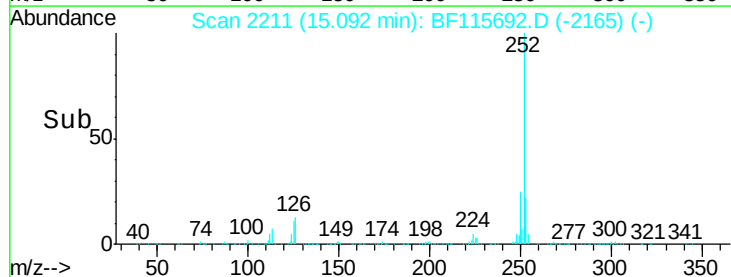
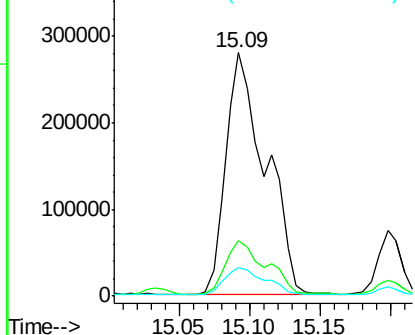


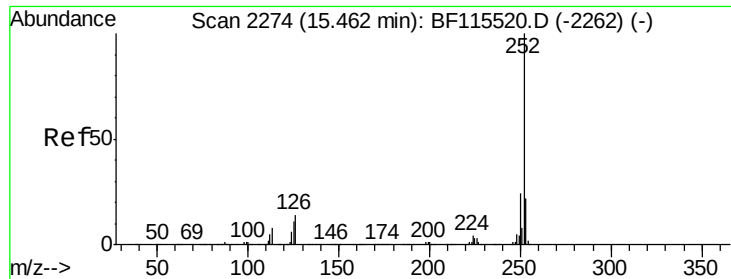
#89
Benzo(k)fluoranthene
Concen: 31.334 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:252 Resp: 550474
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 11.7 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

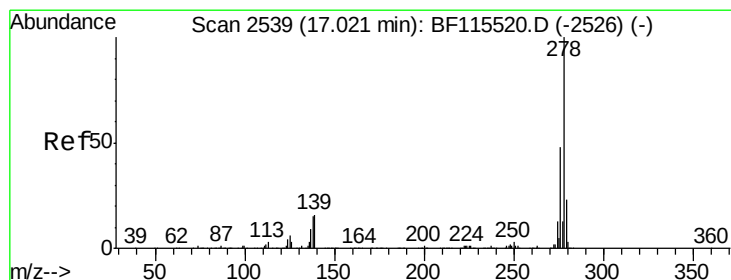
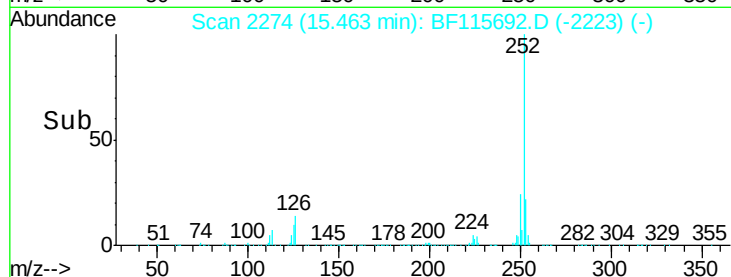
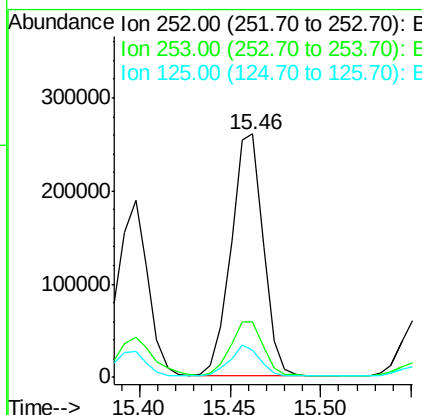
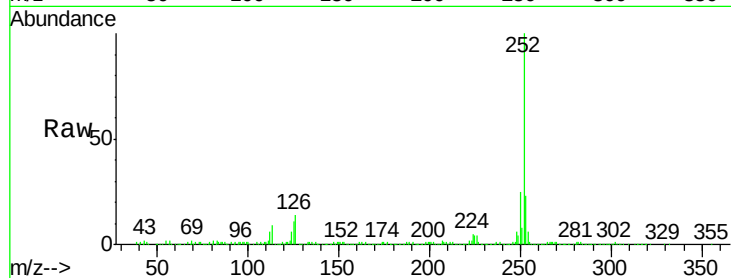




#90
Benzo(a)pyrene
Concen: 19.065 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

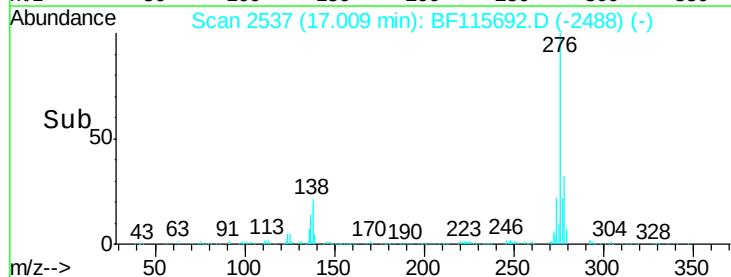
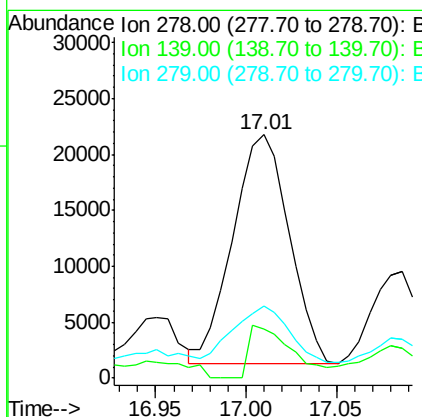
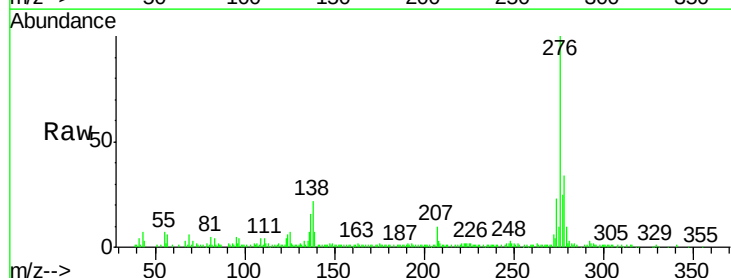
Instrument :
BNA_F
ClientSampleId :

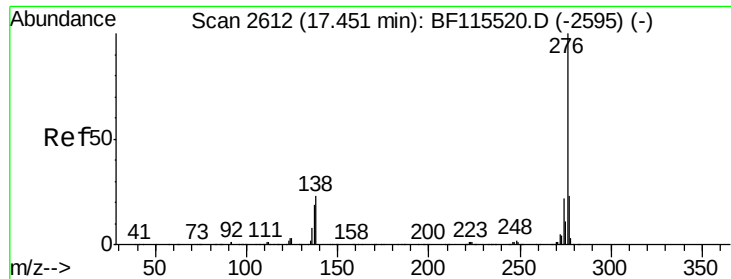
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.2	9.1	13.7



#91
Dibenzo(a,h)anthracene
Concen: 2.991 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.1	19.7#
279	29.4	19.6	29.4#

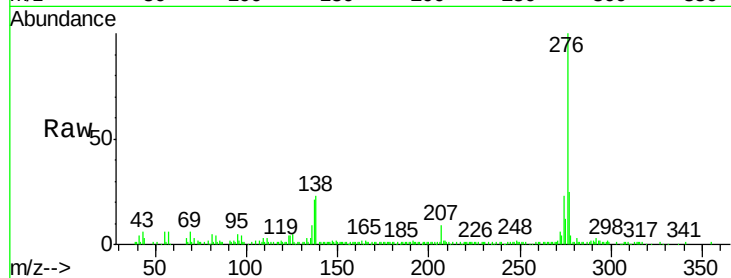




#92
 Benzo(a,h,i)perylene
 Concen: 9.876 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: BF115692.D
 Acq: 20 Jul 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	23.3	17.2	25.8



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

