

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115954.D
 Acq On : 2 Aug 2019 18:44
 Operator : HP/JU
 Sample : K4131-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(0-1)

Quant Time: Aug 02 23:43:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123832	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	491542	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	266123	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	495933	20.00	ng	0.00
76) Chrysene-d12	14.03	240	378084	20.00	ng	0.00
87) Perylene-d12	15.50	264	380608	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	688599	93.09	ng	0.00
7) Phenol-d6	6.48	99	902520	96.70	ng	0.00
23) Nitrobenzene-d5	7.41	82	572363	67.21	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	235690	91.35	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	975310	68.65	ng	0.00
79) Terphenyl-d14	12.97	244	1190681	66.36	ng	0.00

Target Compounds

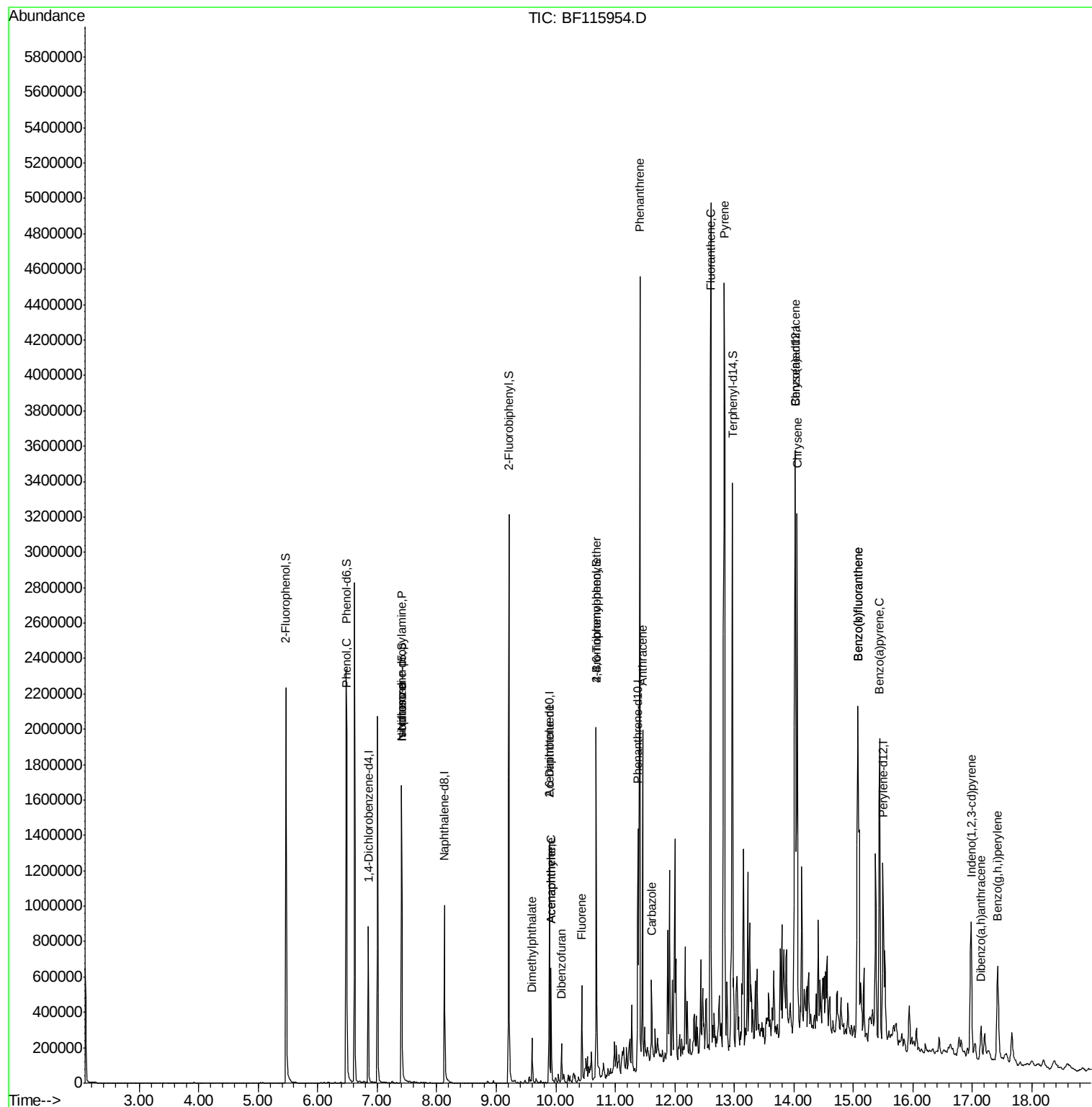
						Qvalue
10) Phenol	6.49	94	38046	3.462	ng	89
19) n-Nitroso-di-n-propylamine	7.41	70	76131	13.164	ng	# 78
25) Isophorone	7.41	82	572359	35.151	ng	# 66
49) Acenaphthylene	9.92	152	72848	3.193	ng	# 1
50) Dimethylphthalate	9.60	163	102409	5.652	ng	98
51) 2,6-Dinitrotoluene	9.89	165	35154	8.927	ng	# 28
52) Acenaphthene	9.92	154	138327	9.884	ng	99
55) Dibenzofuran	10.10	168	80824	3.971	ng	98
58) Fluorene	10.44	166	137993	8.812	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	14476	2.727	ng	# 1
71) Phenanthrene	11.41	178	1716229	67.693	ng	99
72) Anthracene	11.46	178	648352	25.268	ng	99
73) Carbazole	11.61	167	150789	6.478	ng	98
75) Fluoranthene	12.61	202	2499408	94.167	ng	99
78) Pyrene	12.83	202	2254133	79.091	ng	99
81) Benzo(a)anthracene	14.02	228	1286237	53.226	ng	98
83) Chrysene	14.06	228	1097789	46.792	ng	96
86) Indeno(1,2,3-cd)pyrene	16.98	276	497857	25.266	ng	96
88) Benzo(b)fluoranthene	15.07	252	1542617	70.096	ng	# 95
89) Benzo(k)fluoranthene	15.07	252	1542617	71.966	ng	99
90) Benzo(a)pyrene	15.44	252	822304	41.799	ng	97
91) Dibenzo(a,h)anthracene	17.14	278	120844	7.096	ng	94
92) Benzo(g,h,i)perylene	17.43	276	455021	27.208	ng	99

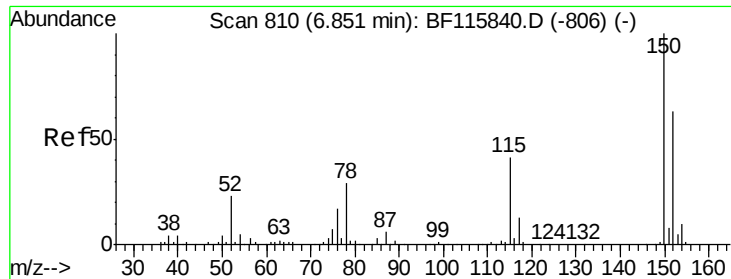
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115954.D
Acq On : 2 Aug 2019 18:44
Operator : HP/JU
Sample : K4131-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(0-1)

Quant Time: Aug 02 23:43:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration



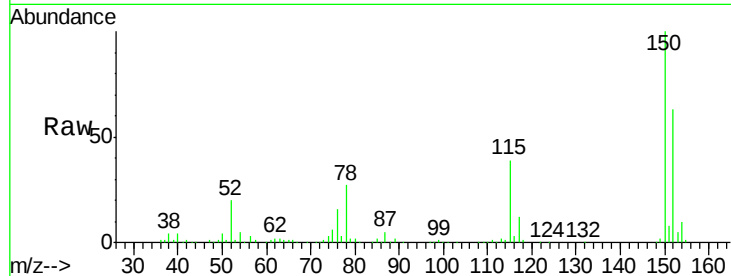


#1

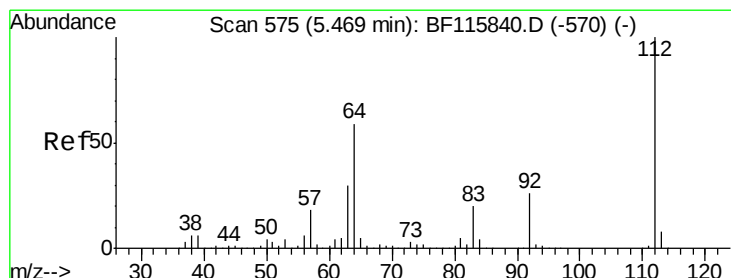
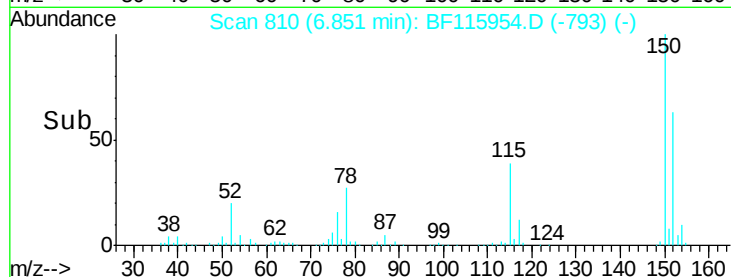
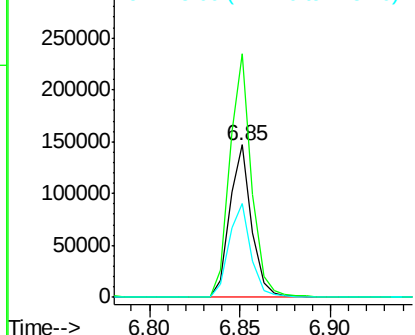
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(0-1)

Tot Ion:152 Resp: 123832
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.0
115 61.6 51.8 77.8



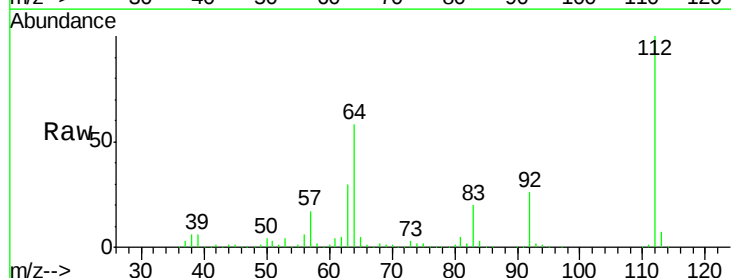
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



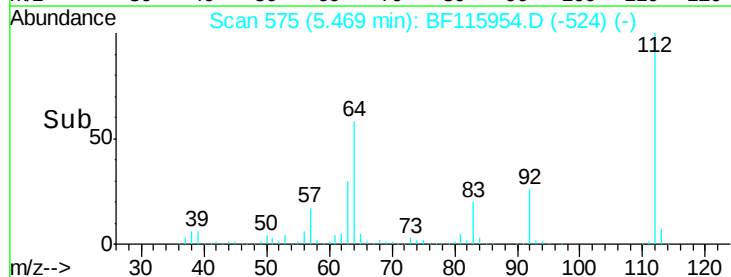
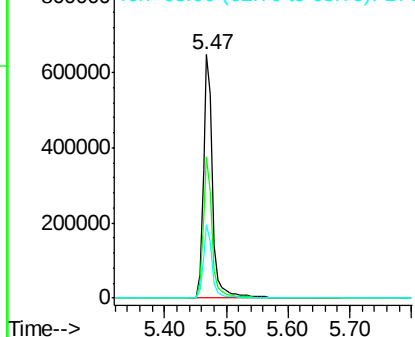
#5

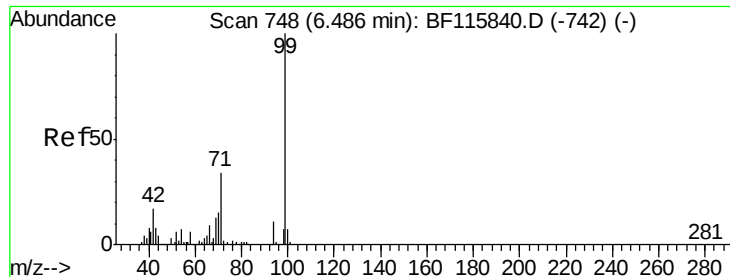
2-Fluorophenol
Concen: 93.090 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

Tgt Ion:112 Resp: 688599
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 30.4 24.2 36.2



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: 96.705 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

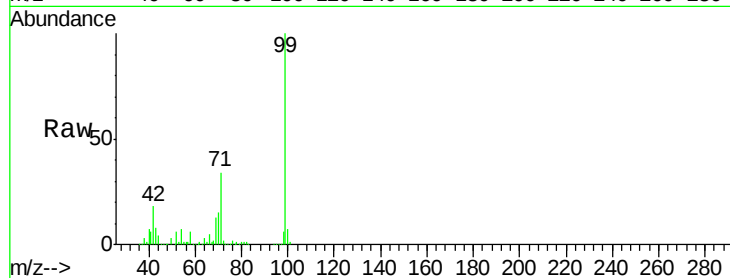
Tot Ion: 99 Resp: 902520

Ion Ratio Lower Upper

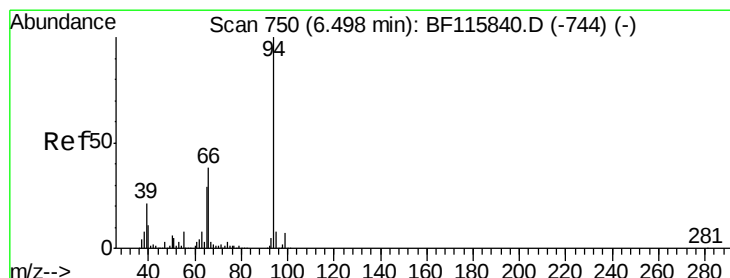
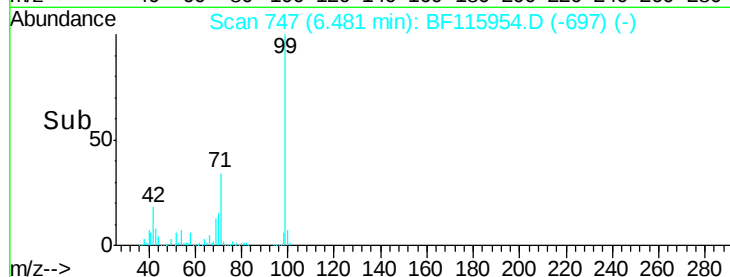
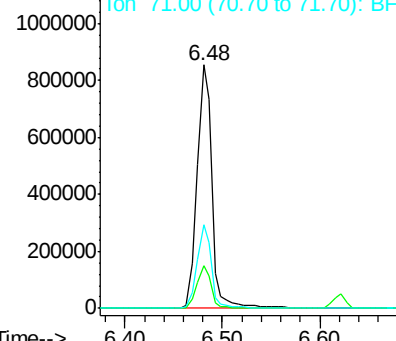
99 100

42 17.5 13.8 20.6

71 34.4 27.1 40.7



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



#10

Phenol

Concen: 3.462 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

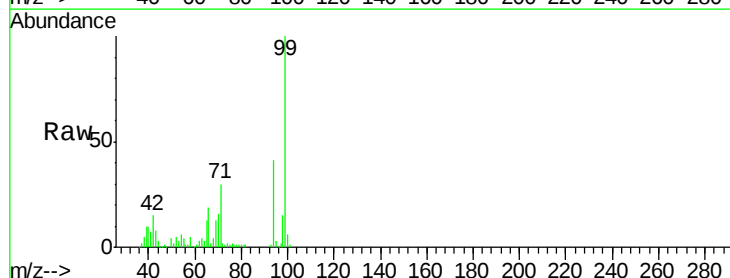
Tgt Ion: 94 Resp: 38046

Ion Ratio Lower Upper

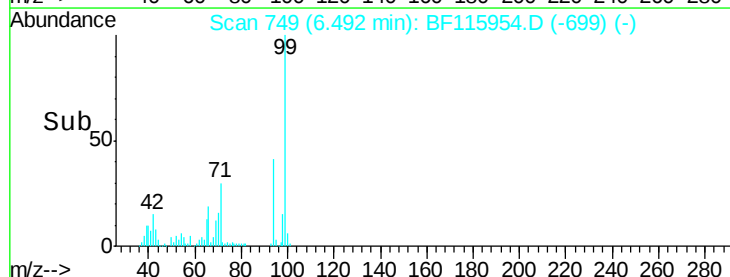
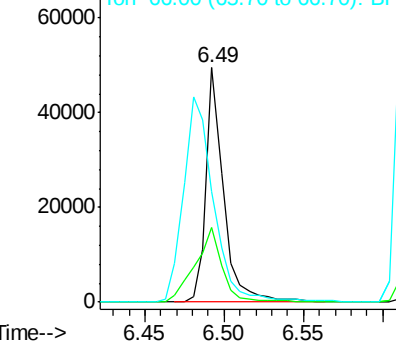
94 100

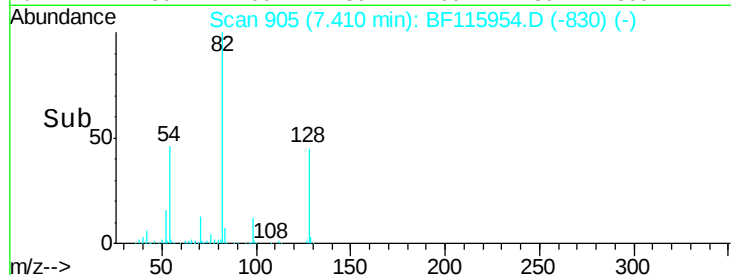
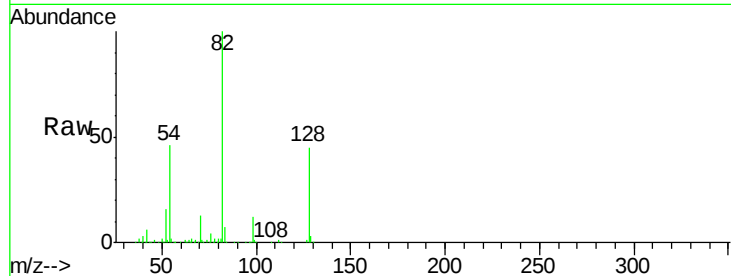
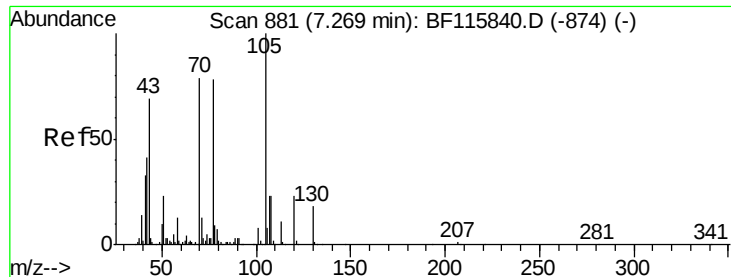
65 31.7 8.9 48.9

66 47.4 18.0 58.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

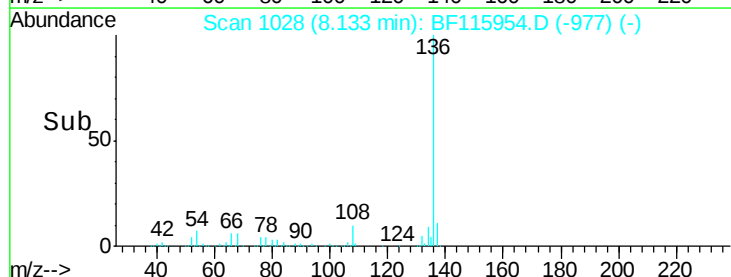
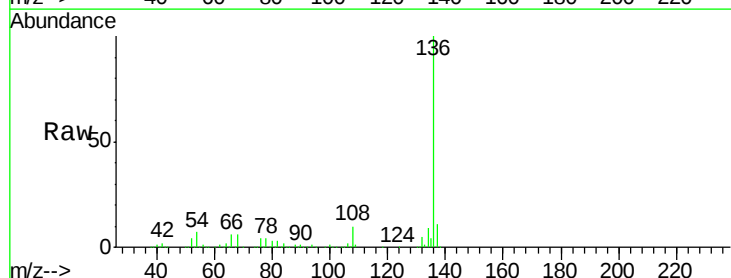
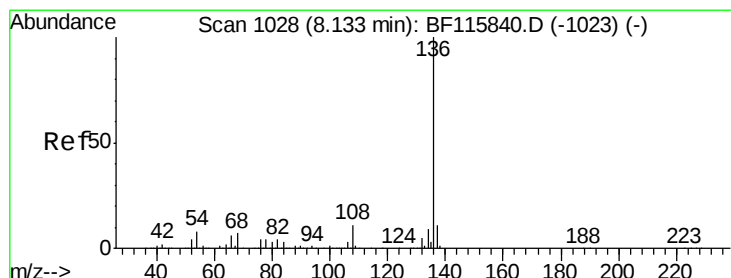
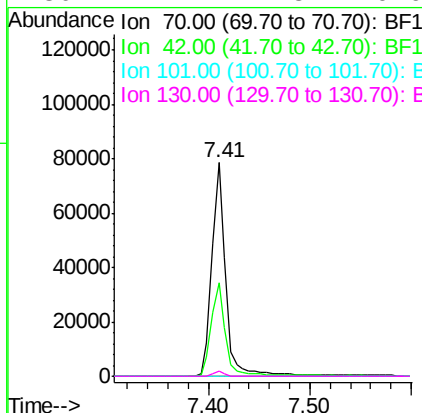




#19
n-Nitroso-di-n-propylamine
Concen: 13.164 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

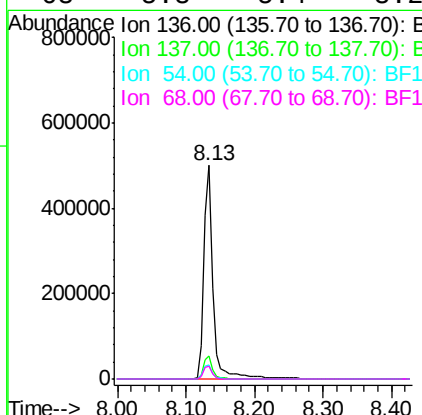
Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(0-1)

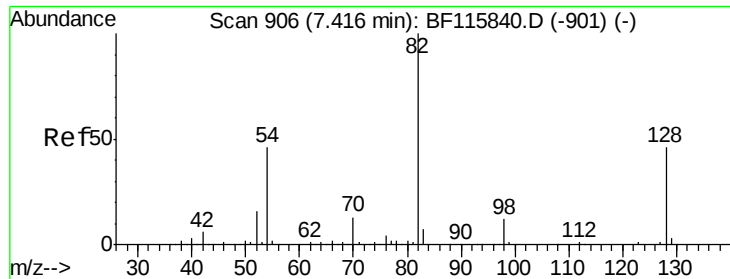
Tot Ion: 70 Resp: 76131
Ion Ratio Lower Upper
70 100
42 43.9 41.8 62.8
101 0.0 7.7 11.5#
130 2.1 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

Tgt Ion: 136 Resp: 491542
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.8 6.1 9.1
68 5.8 5.4 8.2

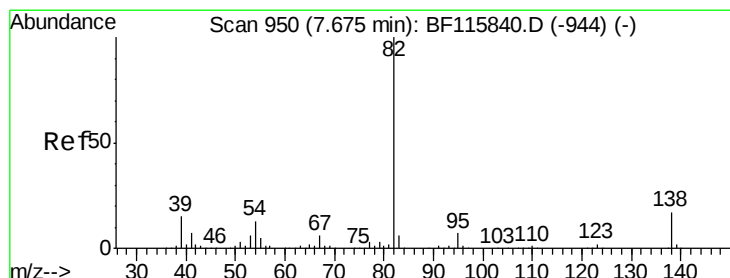
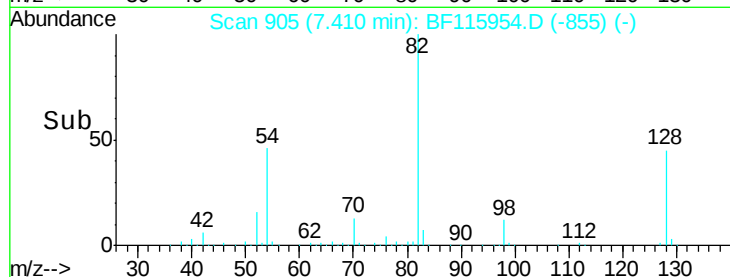
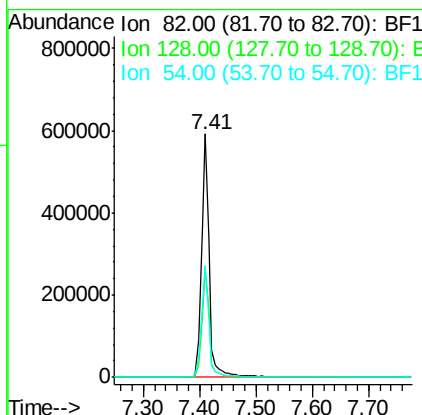
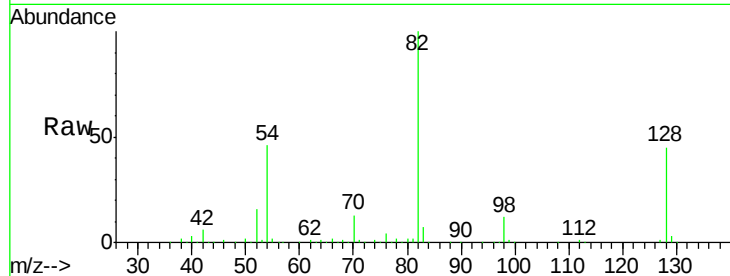




#23
 Nitrobenzene-d5
 Concen: 67.214 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115954.D
 Acq: 2 Aug 2019 18:44

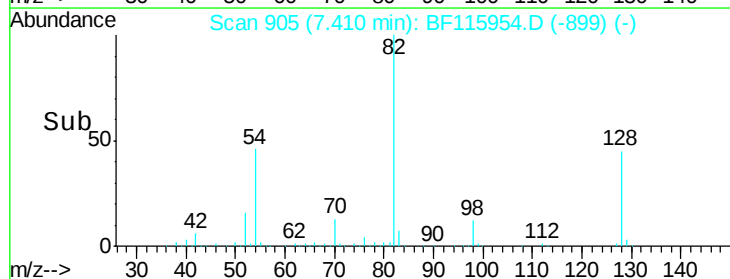
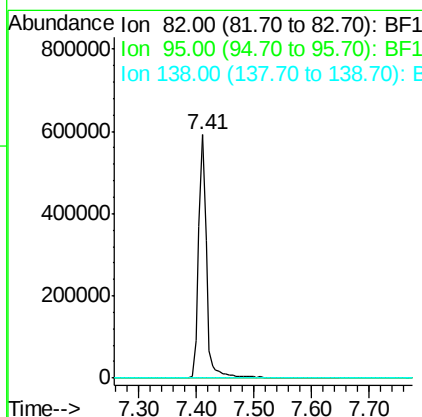
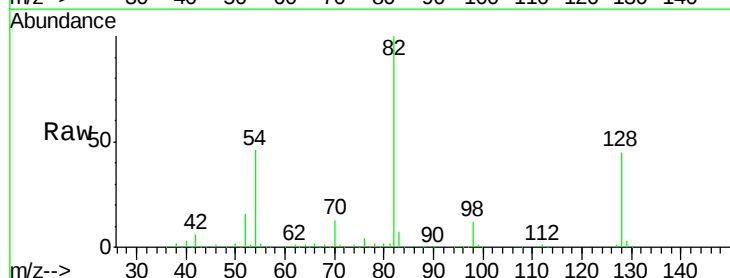
Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(0-1)

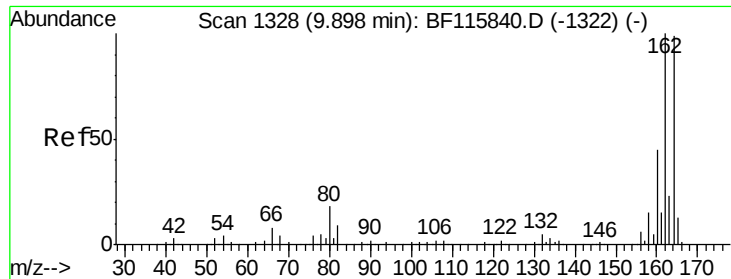
Tot Ion	82	Resp	572363
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.6	55.0
54	46.1	36.6	55.0



#25
 Isophorone
 Concen: 35.151 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF115954.D
 Acq: 2 Aug 2019 18:44

Tgt Ion	82	Resp	572359
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.5	8.3#
138	0.0	13.9	20.9#

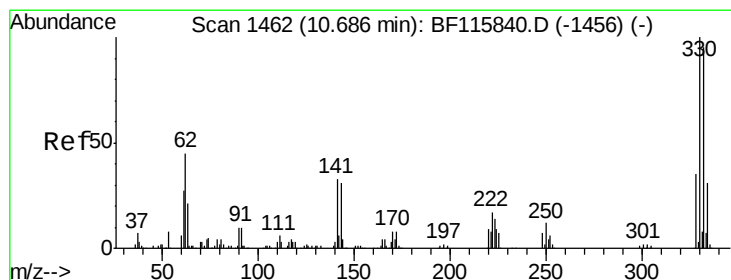
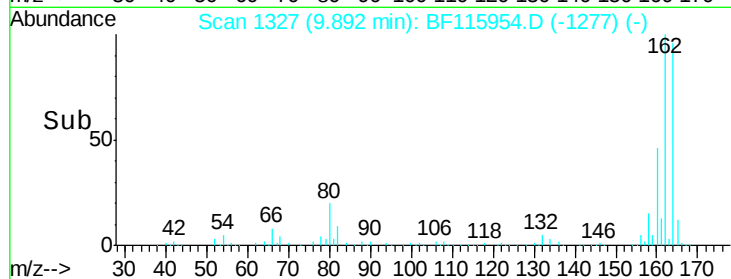
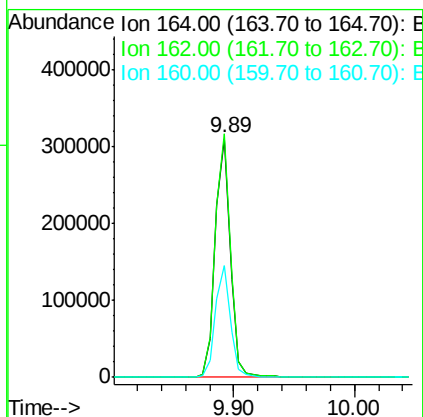
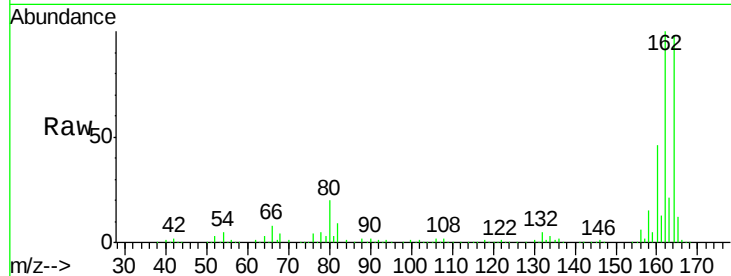




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

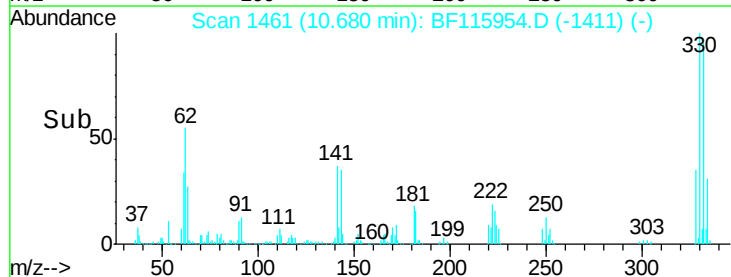
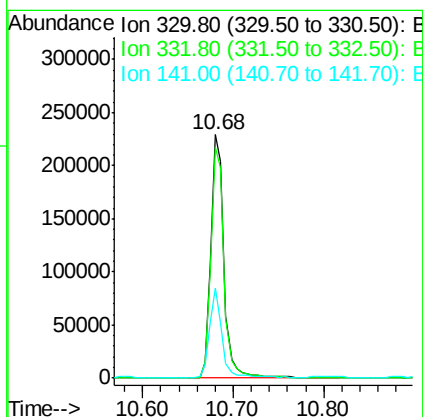
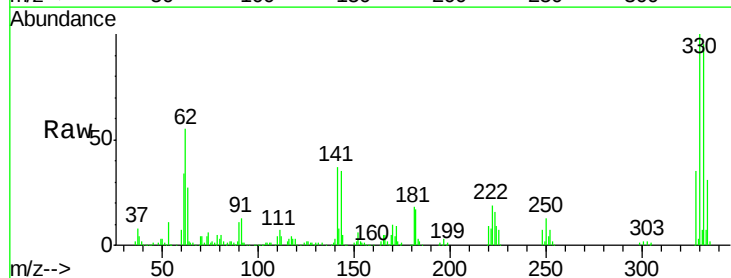
Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(0-1)

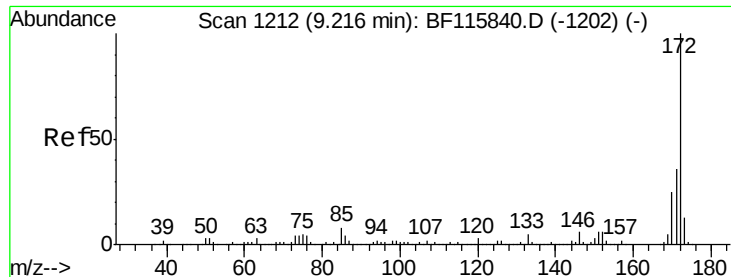
Tot Ion:164 Resp: 266123
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 46.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 91.348 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

Tgt Ion:330 Resp: 235690
Ion Ratio Lower Upper
330 100
332 95.8 77.7 116.5
141 36.1 28.1 42.1

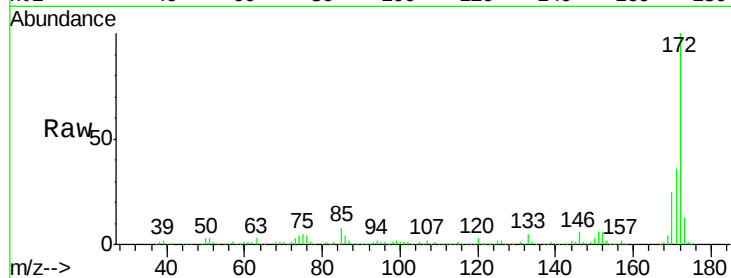




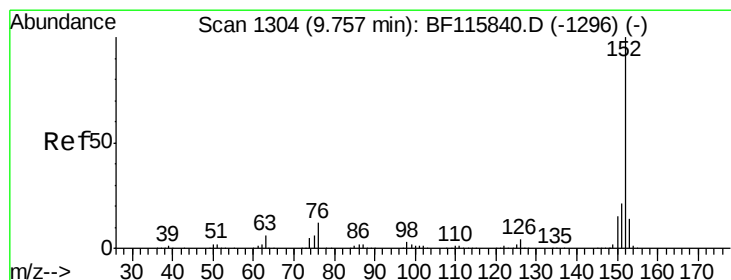
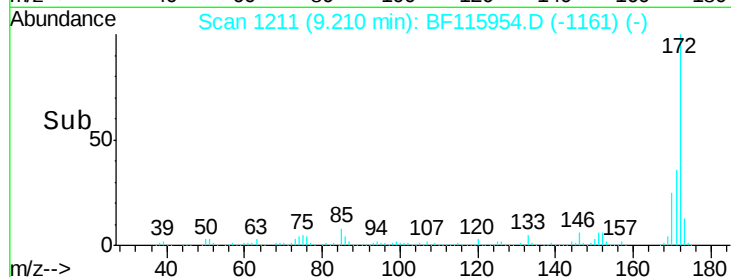
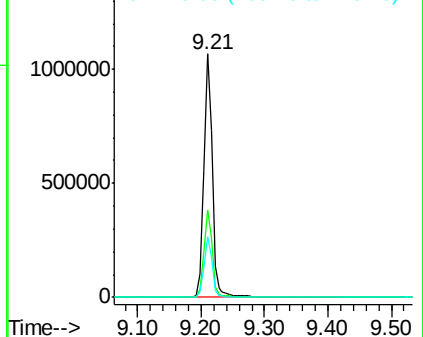
#45
2-Fluorobiphenyl
Concen: 68.646 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(0-1)

Tot Ion:172 Resp: 975310
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 25.0 20.1 30.1

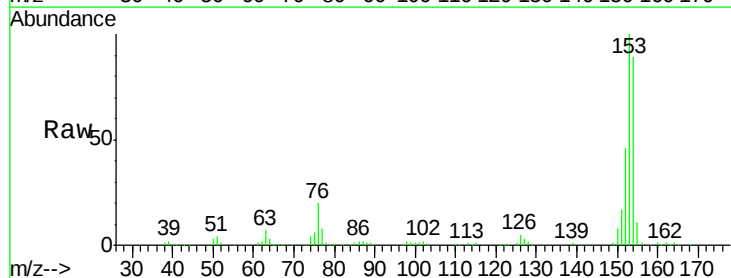


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

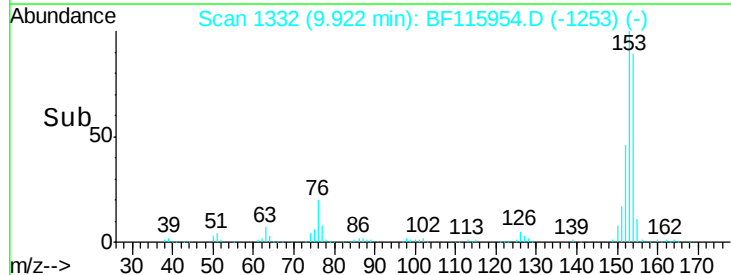
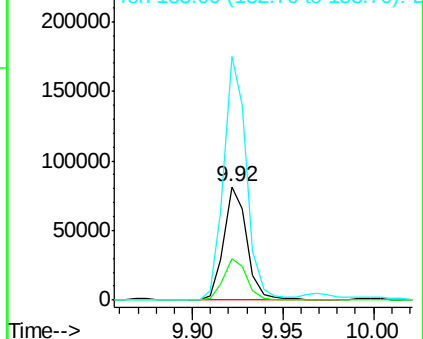


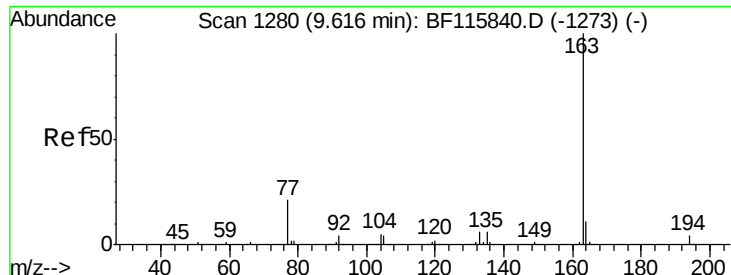
#49
Acenaphthylene
Concen: 3.193 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.16 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

Tgt Ion:152 Resp: 72848
Ion Ratio Lower Upper
152 100
151 36.7 16.8 25.2#
153 215.4 11.6 17.4#



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: 5.652 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

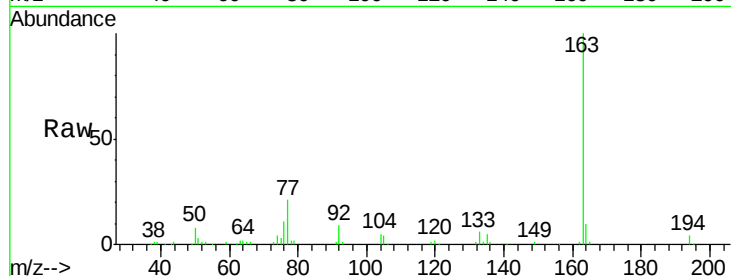
Tot Ion:163 Resp: 102409

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

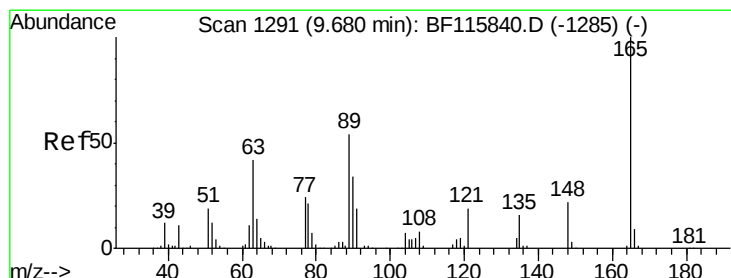
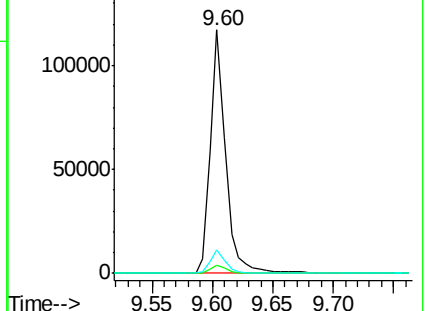
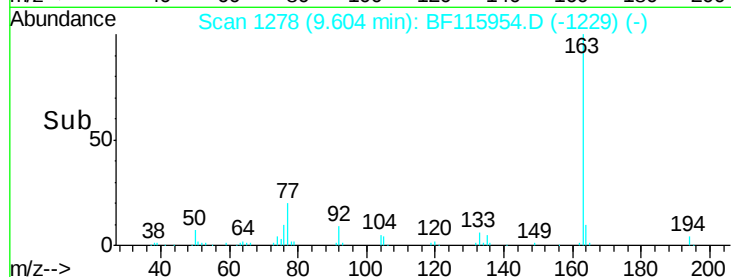
164 9.8 8.4 12.6



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

2,6-Dinitrotoluene

Concen: 8.927 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

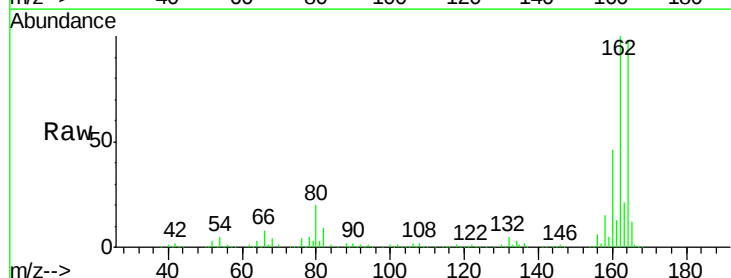
Tgt Ion:165 Resp: 35154

Ion Ratio Lower Upper

165 100

63 1.3 39.4 59.2#

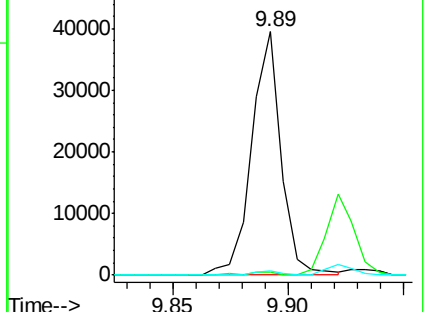
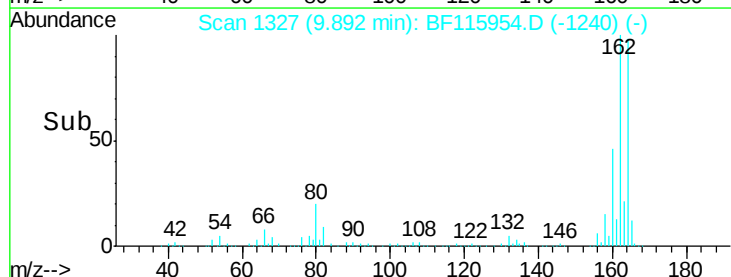
89 1.7 43.0 64.6#

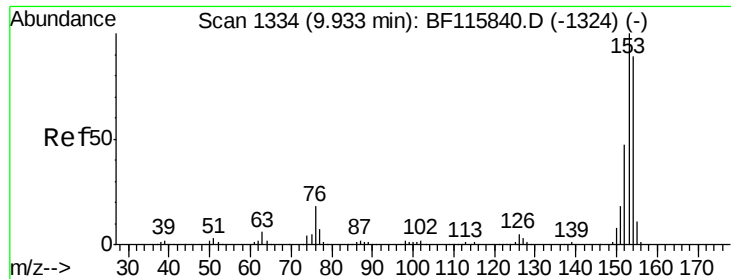


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 9.884 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

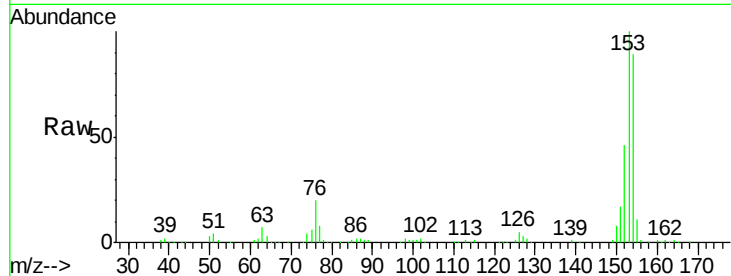
Tot Ion:154 Resp: 138327

Ion Ratio Lower Upper

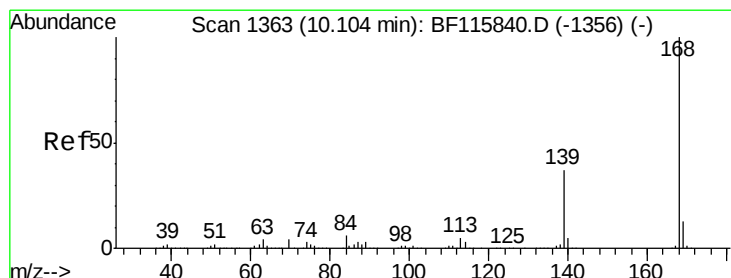
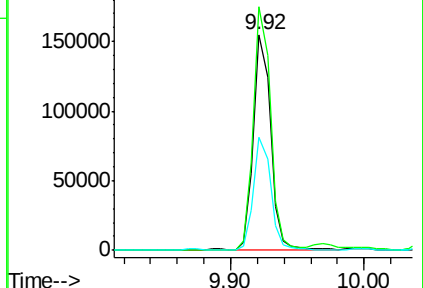
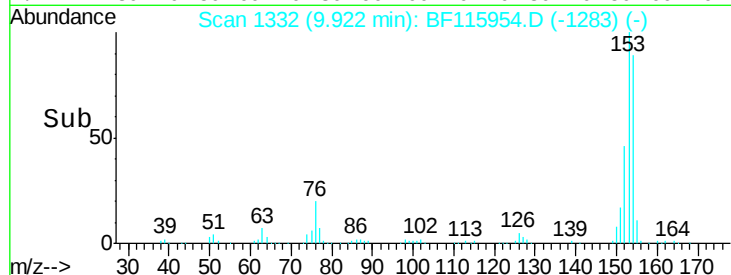
154 100

153 113.0 90.1 135.1

152 52.5 42.6 63.8



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



#55

Dibenzofuran

Concen: 3.971 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

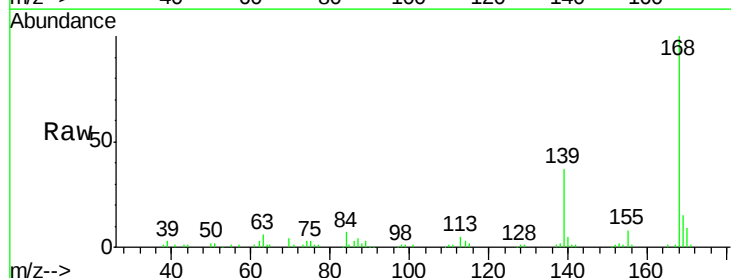
Tgt Ion:168 Resp: 80824

Ion Ratio Lower Upper

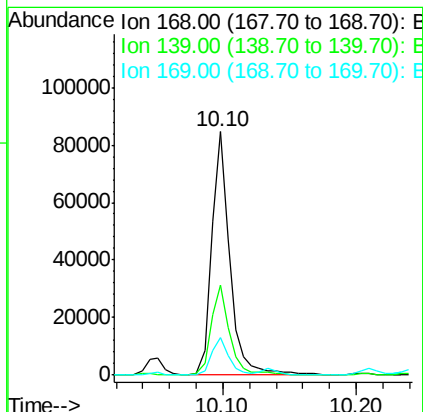
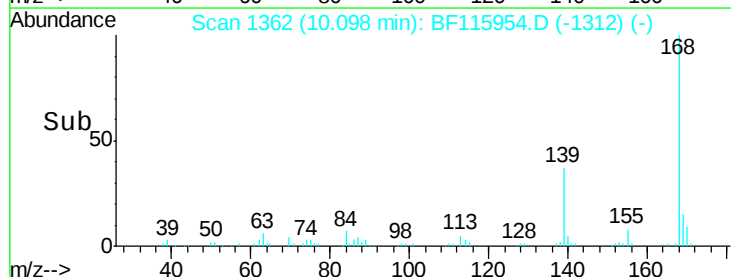
168 100

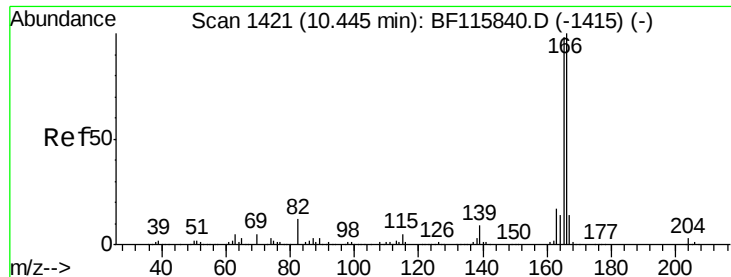
139 37.0 30.2 45.2

169 15.2 10.8 16.2



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





#58

Fluorene

Concen: 8.812 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

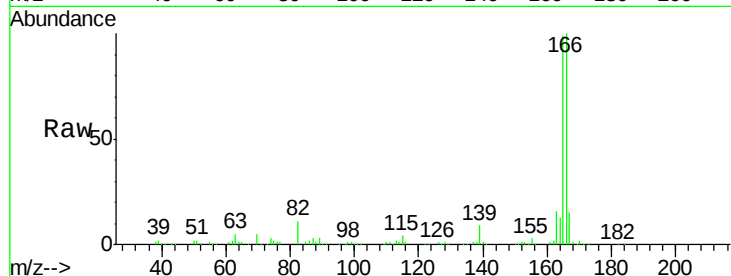
Tot Ion:166 Resp: 137993

Ion Ratio Lower Upper

166 100

165 99.3 78.6 118.0

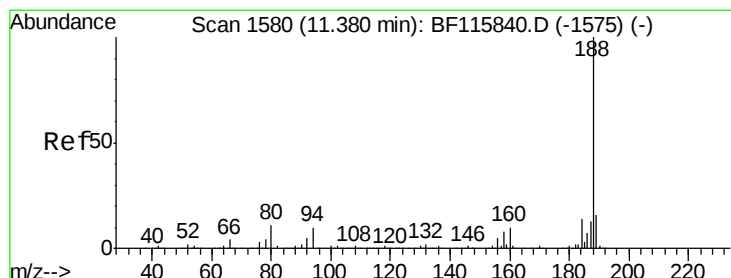
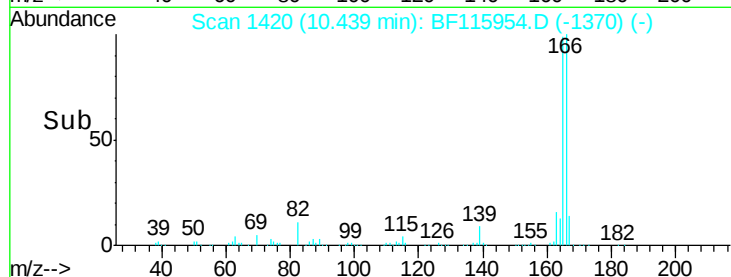
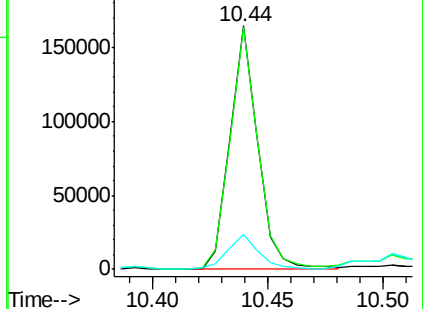
167 14.6 10.9 16.3



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

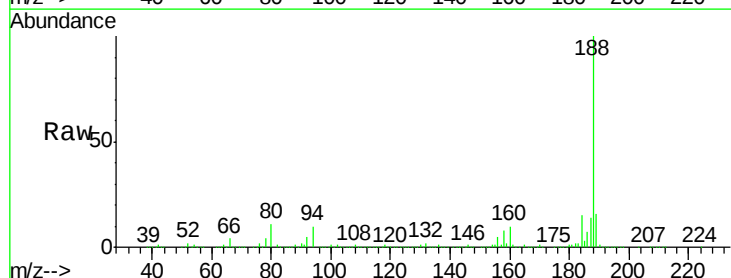
Tgt Ion:188 Resp: 495933

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

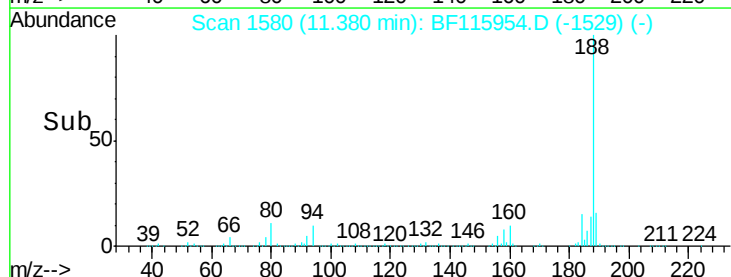
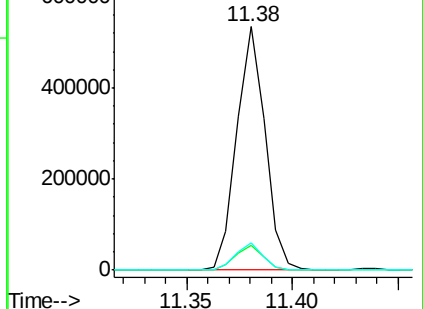
80 11.0 8.6 12.8

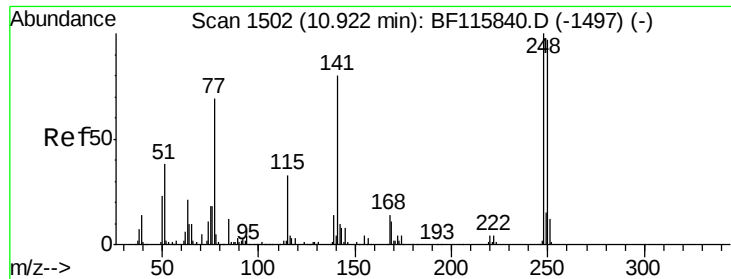


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

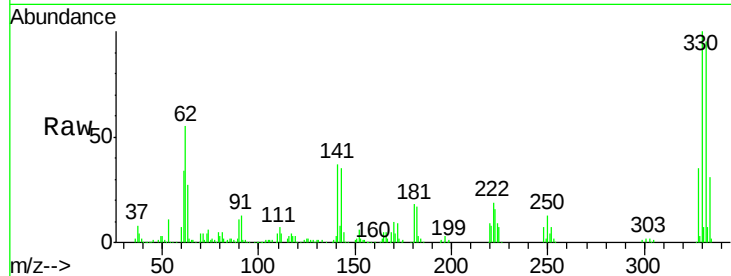




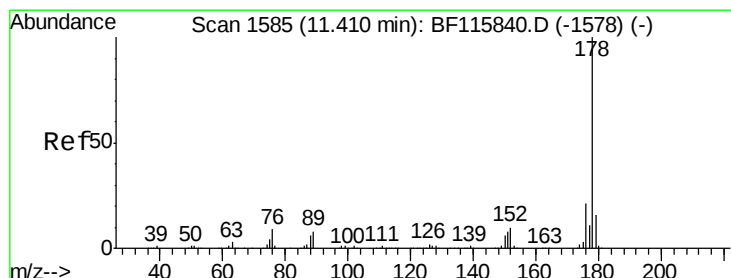
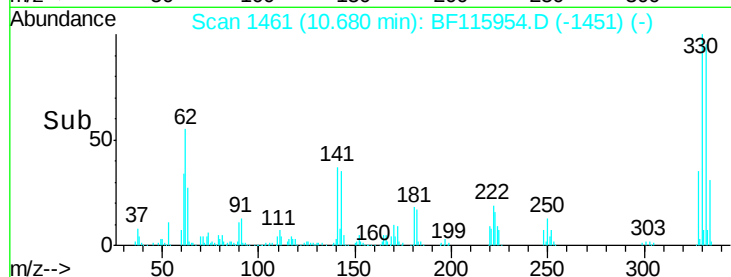
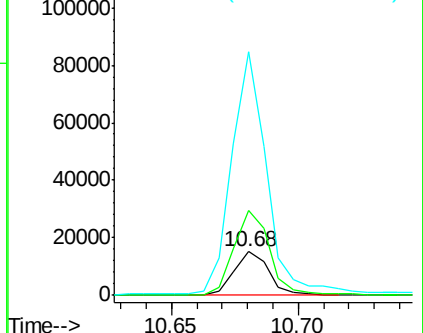
#67
 4-Bromophenyl-phenylether
 Concen: 2.727 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115954.D
 Acq: 2 Aug 2019 18:44

Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(0-1)

Tot Ion:248 Resp: 14476
 Ion Ratio Lower Upper
 248 100
 250 194.9 77.8 116.6#
 141 555.6 64.3 96.5#

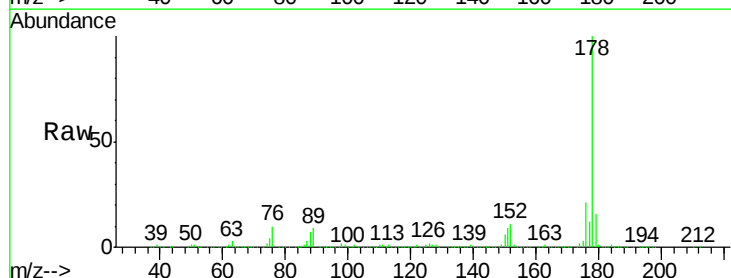


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

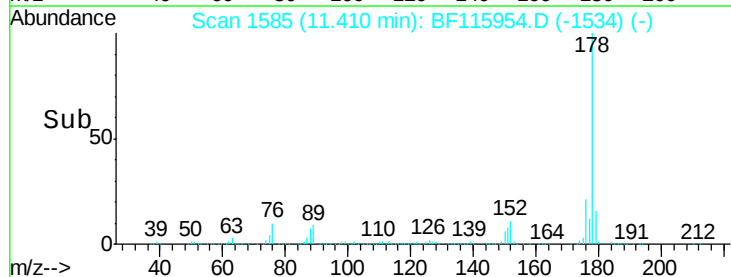
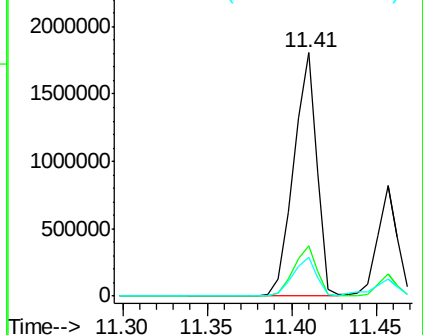


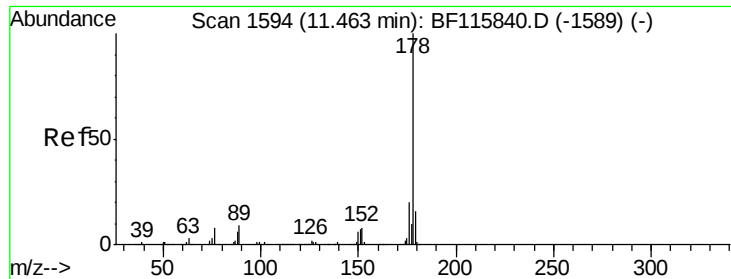
#71
 Phenanthrene
 Concen: 67.693 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF115954.D
 Acq: 2 Aug 2019 18:44

Tgt Ion:178 Resp: 1716229
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.5 24.7
 179 16.1 12.6 18.8



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





#72

Anthracene

Concen: 25.268 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

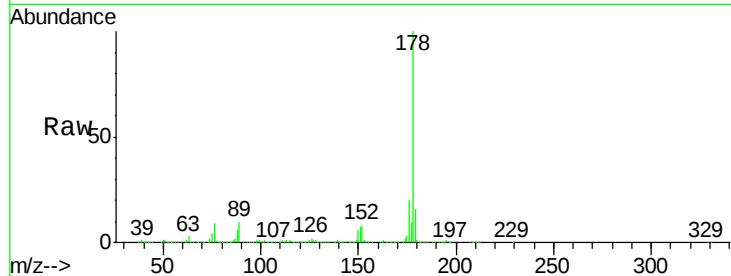
Tot Ion:178 Resp: 648352

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

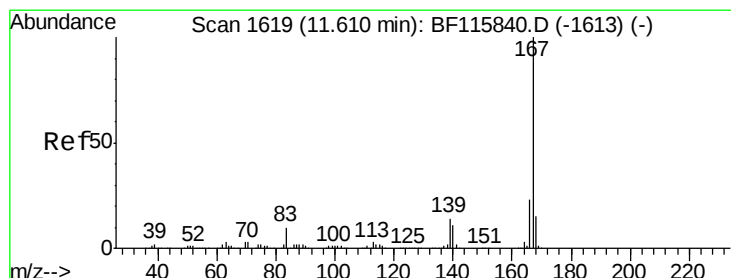
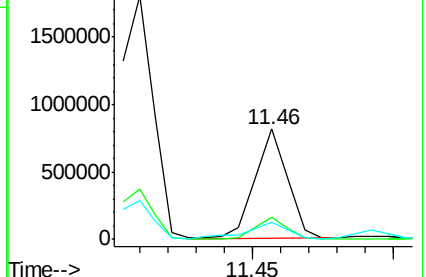
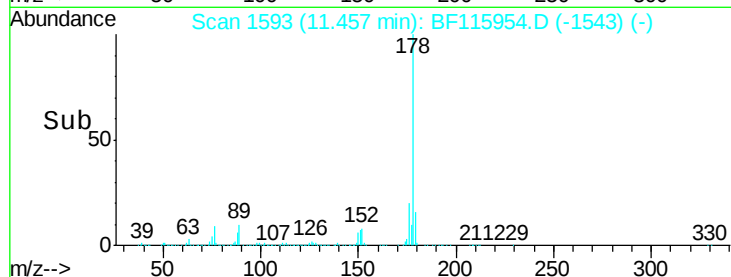
179 16.0 12.4 18.6



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



#73

Carbazole

Concen: 6.478 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

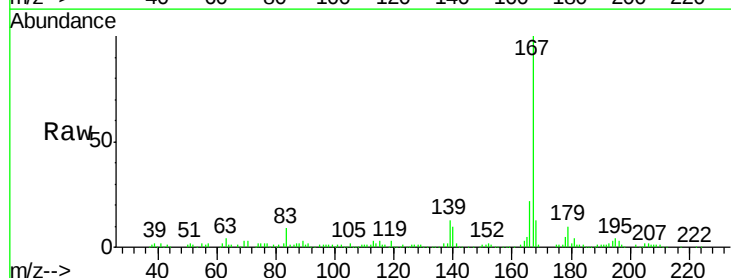
Tgt Ion:167 Resp: 150789

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

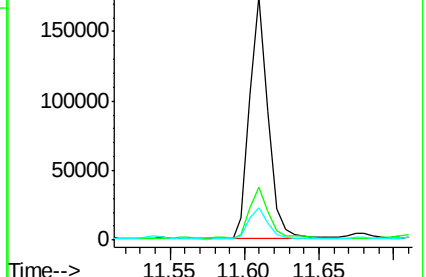
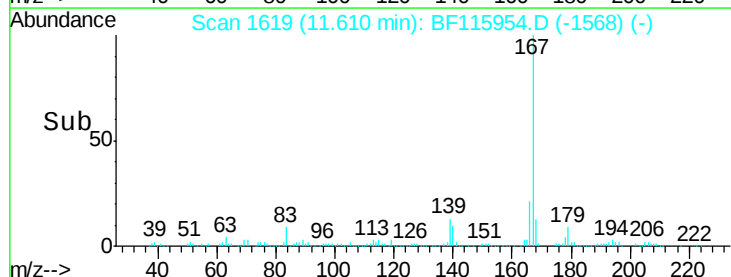
139 13.3 11.4 17.2

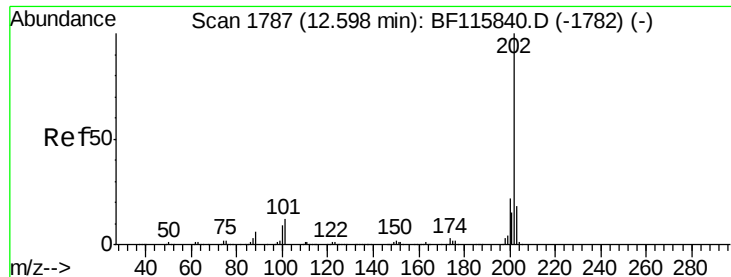


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 94.167 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

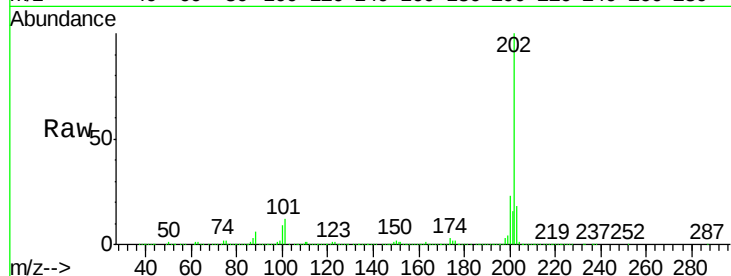
Tot Ion:202 Resp: 2499408

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.5

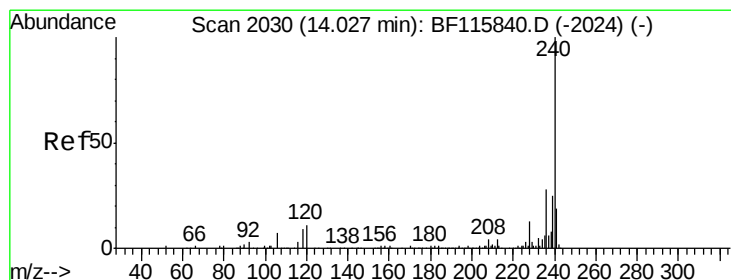
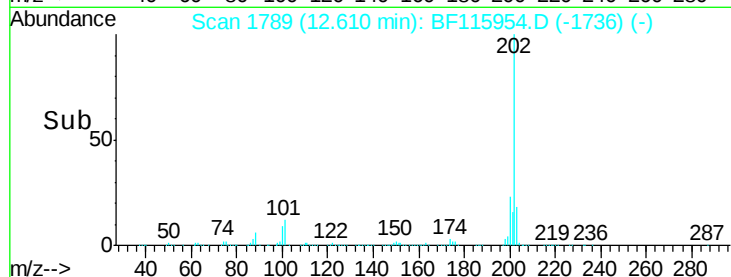
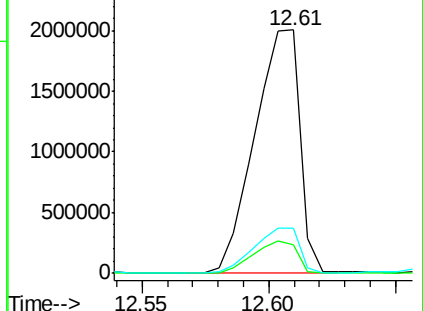
203 18.3 0.0 37.9



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: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

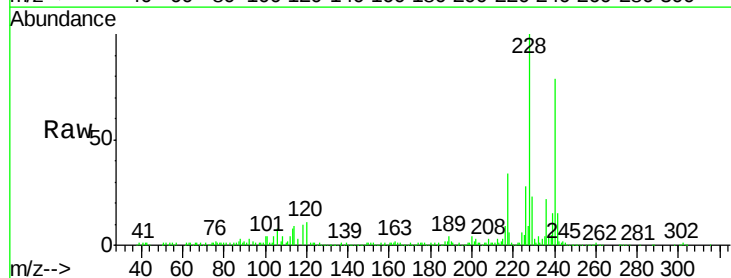
Tgt Ion:240 Resp: 378084

Ion Ratio Lower Upper

240 100

120 13.3 8.5 12.7#

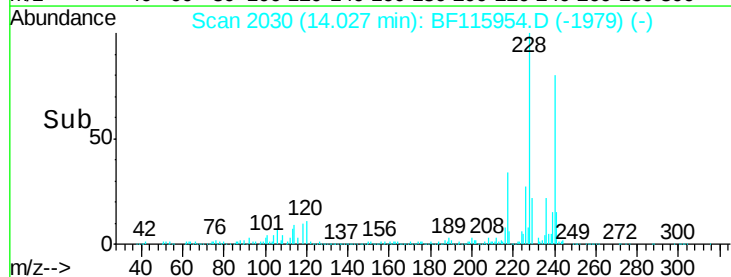
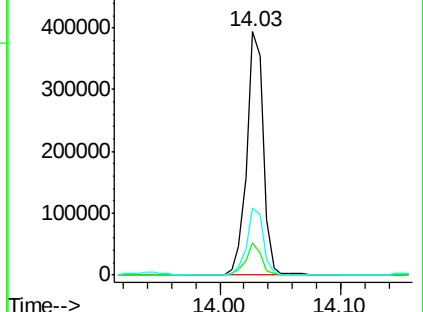
236 27.3 22.2 33.2

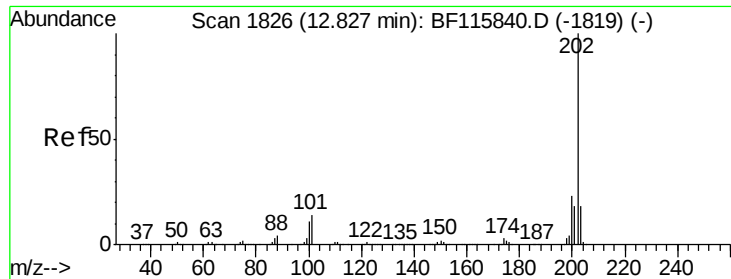


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

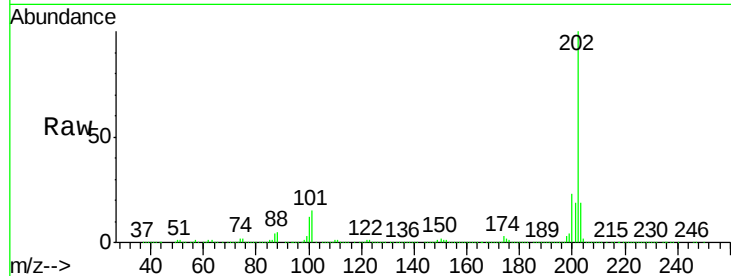




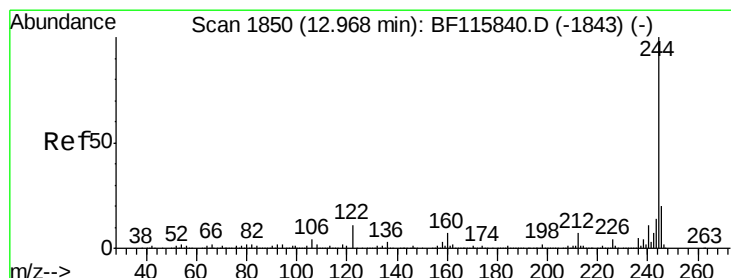
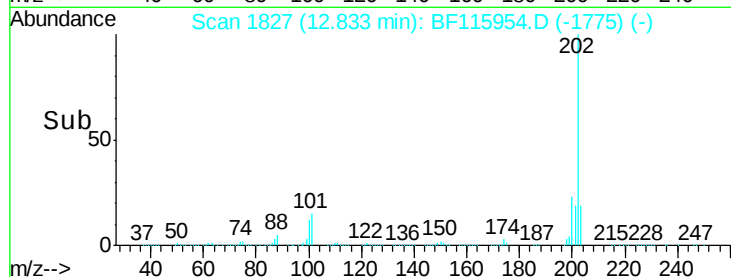
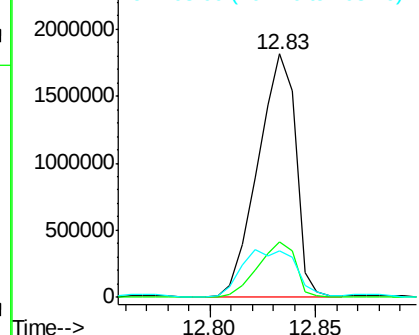
#78
Pvrene
Concen: 79.091 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(0-1)

Tot Ion:202 Resp: 2254133
Ion Ratio Lower Upper
202 100
200 22.8 18.2 27.2
203 19.0 14.3 21.5

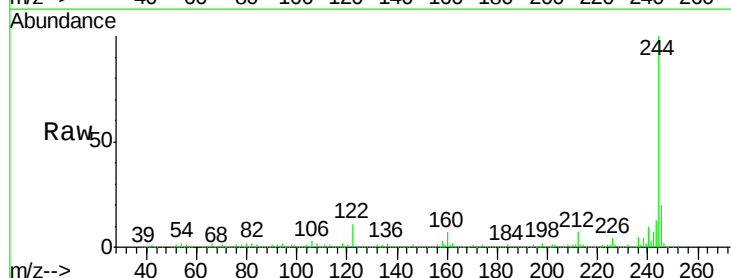


Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

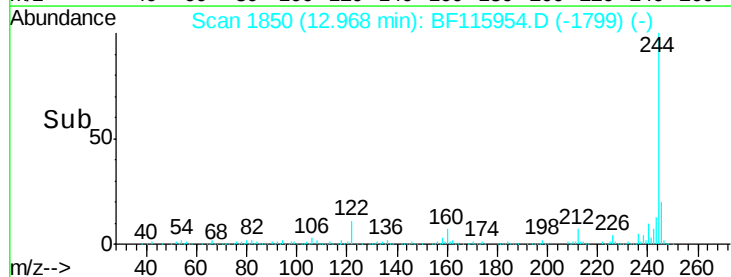
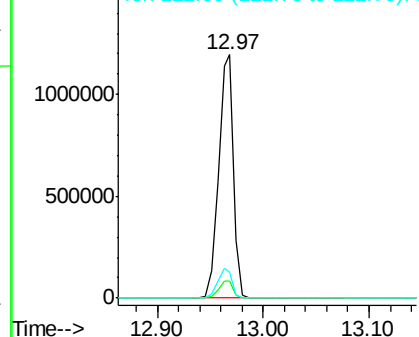


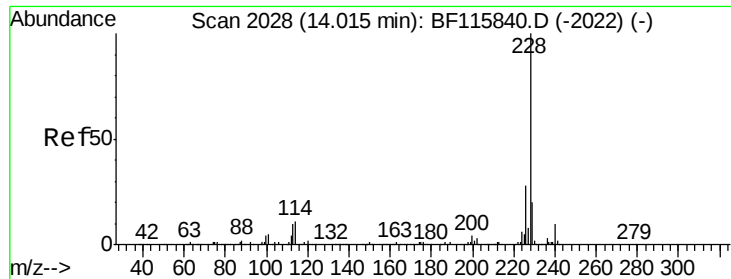
#79
Terphenyl-d14
Concen: 66.360 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

Tgt Ion:244 Resp: 1190681
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.7 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 53.226 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

Tot Ion:228 Resp: 1286237

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	21.8	16.1	24.1

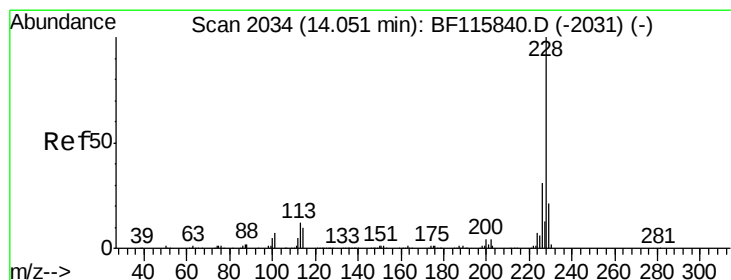
Abundance

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

Time-->



#83

Chrysene

Concen: 46.792 ng

RT: 14.06 min Scan# 2035

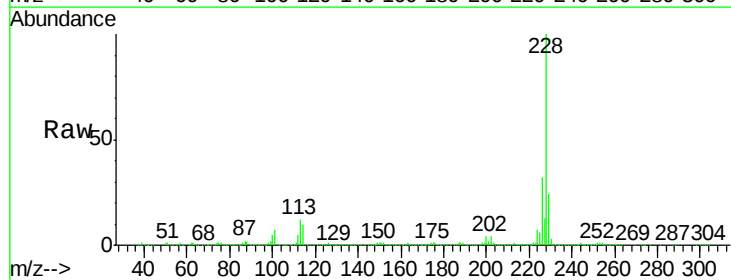
Delta R.T. 0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

Tgt Ion:228 Resp: 1097789

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.8	37.2
229	23.6	16.4	24.6



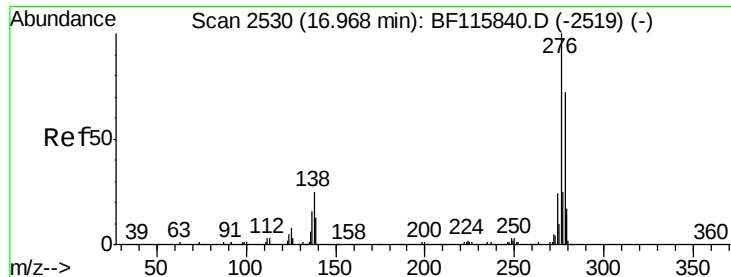
Abundance

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

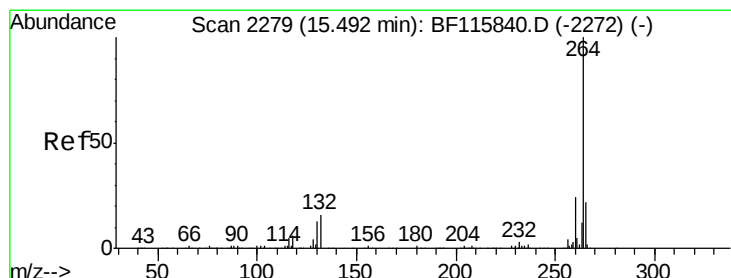
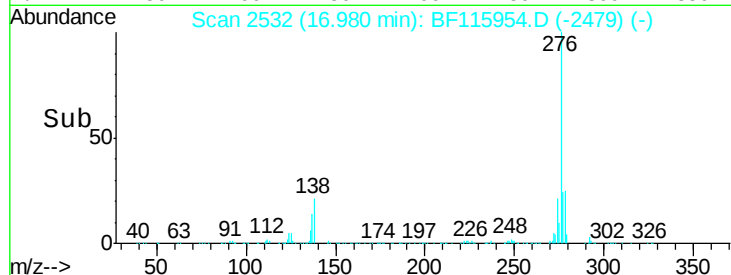
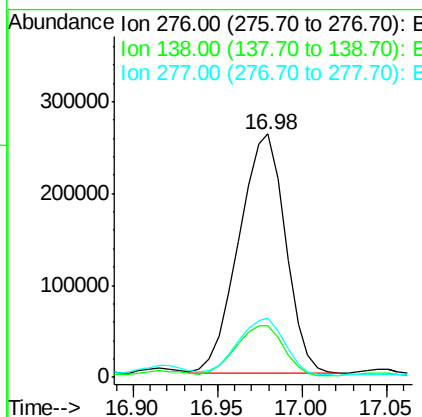
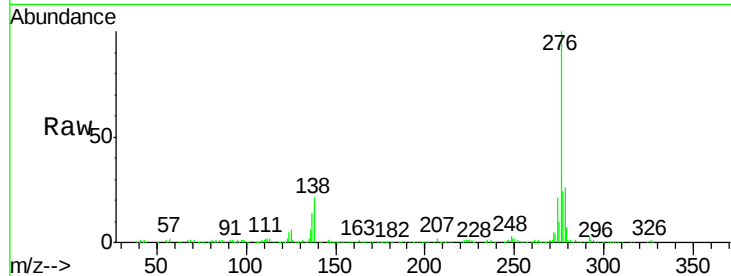
Time-->



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 25.266 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.01 min
 Lab File: BF115954.D
 Acq: 2 Aug 2019 18:44

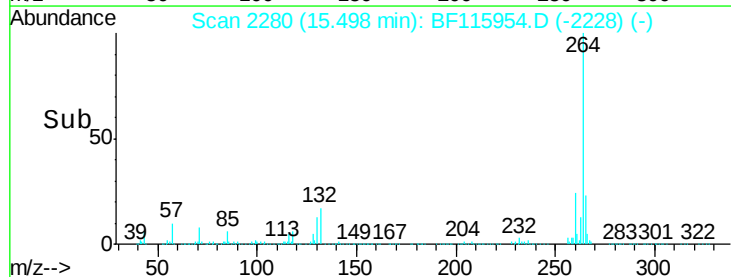
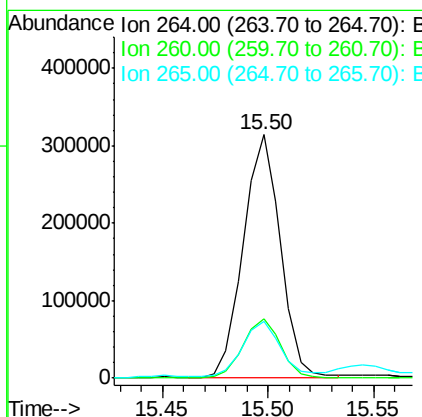
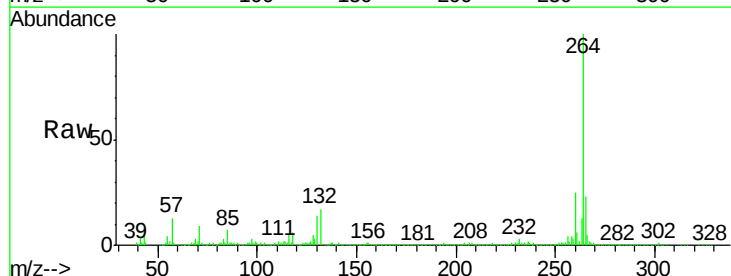
Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(0-1)

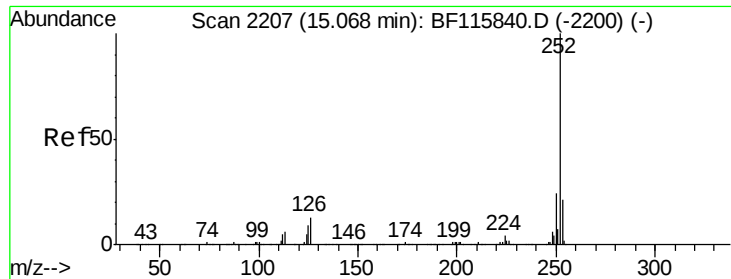
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.6	29.4
277	24.3	20.1	30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF115954.D
 Acq: 2 Aug 2019 18:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	23.1	17.5	26.3

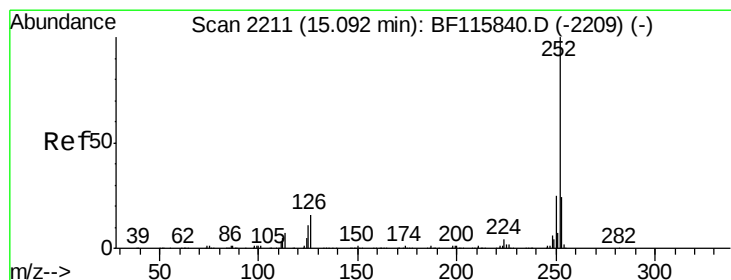
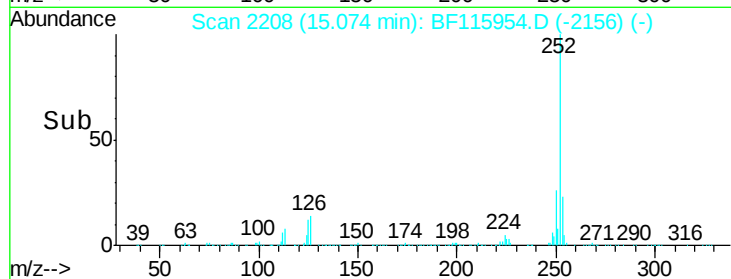
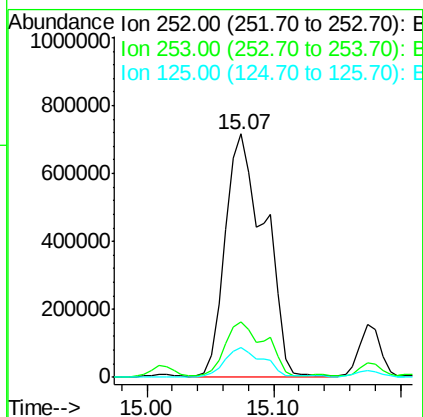
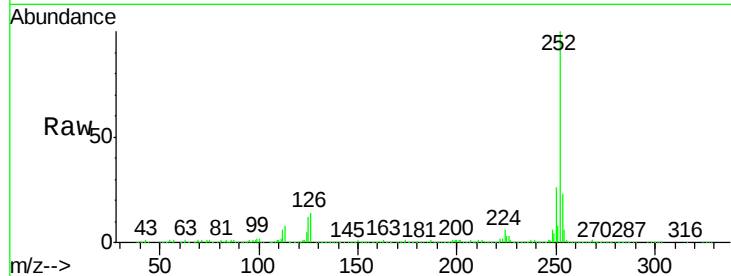




#88
Benzo(b)fluoranthene
Concen: 70.096 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

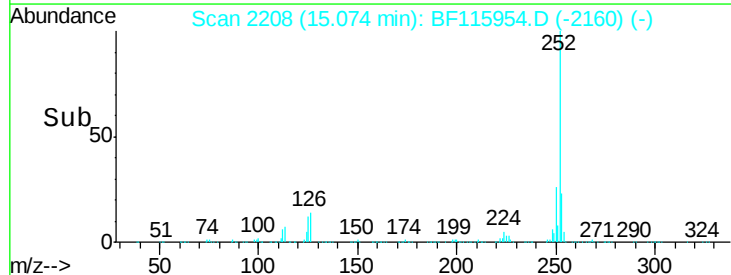
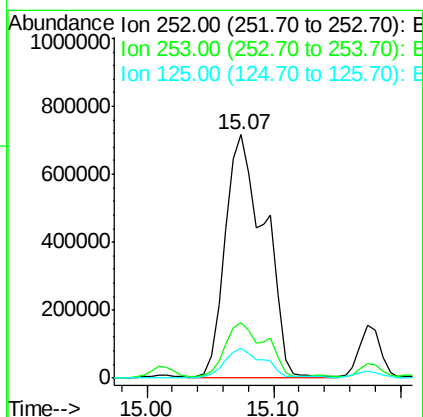
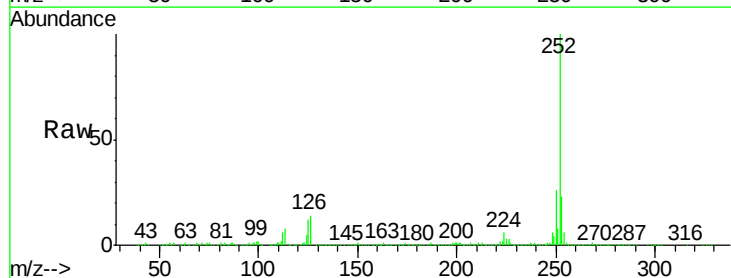
Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(0-1)

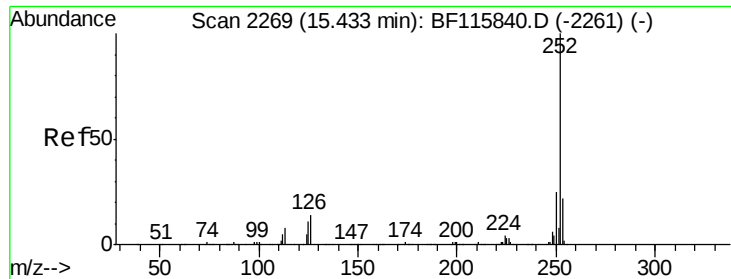
Tot Ion:252 Resp: 1542617
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 12.1 7.4 11.0#



#89
Benzo(k)fluoranthene
Concen: 71.966 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115954.D
Acq: 2 Aug 2019 18:44

Tgt Ion:252 Resp: 1542617
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 12.1 8.9 13.3





#90

Benzo(a)pyrene

Concen: 41.799 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

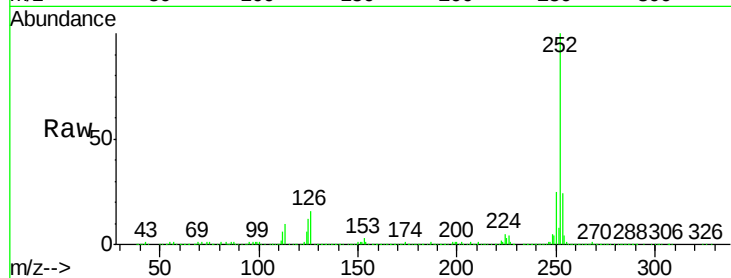
Tot Ion:252 Resp: 822304

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

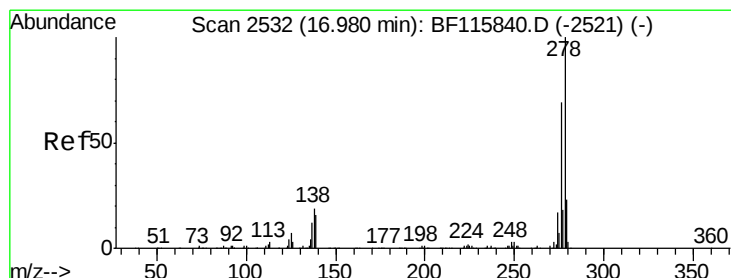
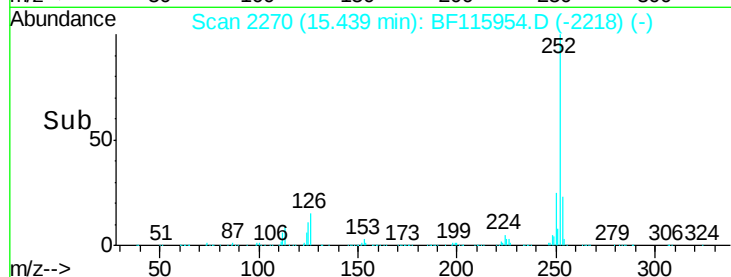
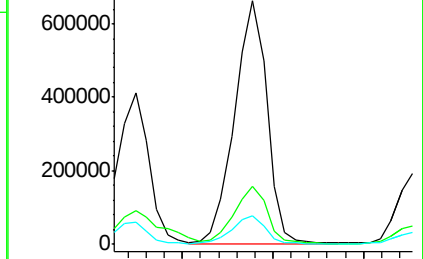
125 12.0 8.8 13.2



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



#91

Dibenzo(a,h)anthracene

Concen: 7.096 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.16 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

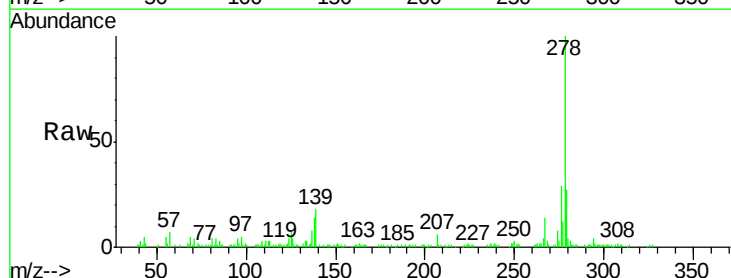
Tgt Ion:278 Resp: 120844

Ion Ratio Lower Upper

278 100

139 17.5 12.6 19.0

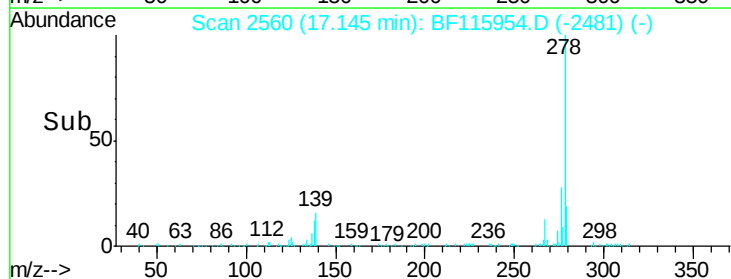
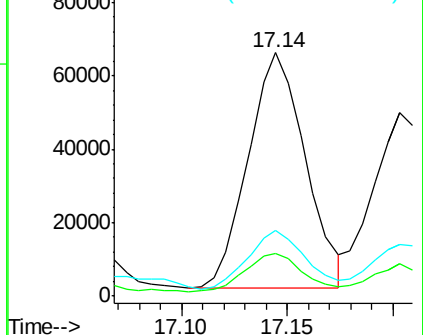
279 27.0 18.8 28.2

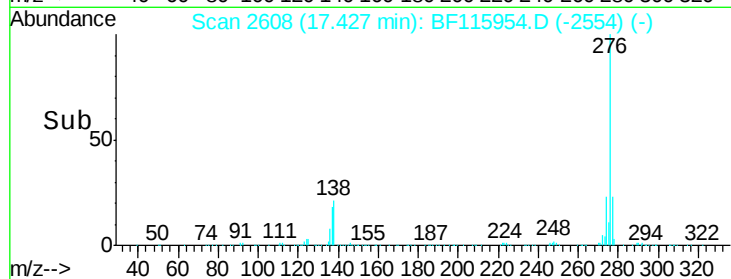
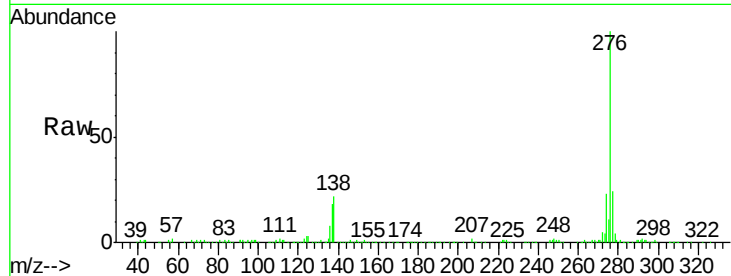
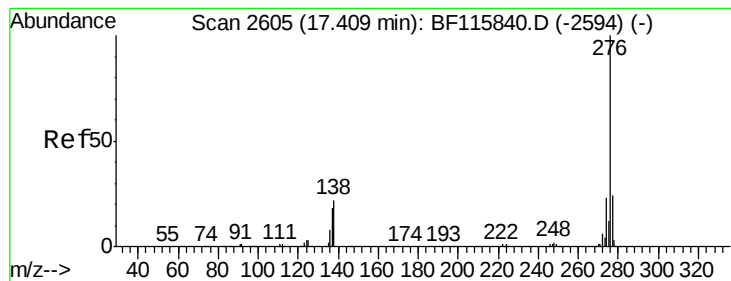


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 27.208 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.02 min

Lab File: BF115954.D

Acq: 2 Aug 2019 18:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

Tot Ion:276 Resp: 455021

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 21.8 17.8 26.8

