

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116037.D
 Acq On : 7 Aug 2019 4:05
 Operator : HP/JU
 Sample : K4090-03 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 06:06:46 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	6.84	152	123238	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	488372	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	248551	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	397626	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	319968	20.00	ng	-0.02
87) Perylene-d12	15.47	264	353305	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	365709	49.68	ng	0.00
7) Phenol-d6	6.47	99	490968	52.86	ng	-0.02
23) Nitrobenzene-d5	7.40	82	291384	34.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	100217	41.59	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	554985	41.82	ng	-0.02
79) Terphenyl-d14	12.95	244	522997	34.44	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	38262	6.648	ng	Qvalue # 84
25) Isophorone	7.40	82	291380	18.011	ng	# 66
31) Naphthalene	8.15	128	68356	2.974	ng	98
37) 2-Methylnaphthalene	8.84	142	31896	2.107	ng	99
38) 1-Methylnaphthalene	8.93	142	28789	2.011	ng	100
49) Acenaphthylene	9.74	152	44205	2.075	ng	98
50) Dimethylphthalate	9.59	163	44103	2.606	ng	99
51) 2,6-Dinitrotoluene	9.87	165	33598	9.135	ng	# 28
52) Acenaphthene	9.91	154	50394	3.855	ng	97
55) Dibenzofuran	10.08	168	54386	2.861	ng	# 97
58) Fluorene	10.42	166	88403	6.044	ng	99
71) Phenanthrene	11.39	178	646769	31.817	ng	100
72) Anthracene	11.44	178	203745	9.904	ng	99
73) Carbazole	11.59	167	54471	2.918	ng	99
75) Fluoranthene	12.58	202	1139338	53.538	ng	98
78) Pyrene	12.81	202	1079863	44.771	ng	100
81) Benzo(a)anthracene	13.99	228	619845	30.308	ng	98
83) Chrysene	14.03	228	527649	26.575	ng	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	240383	14.415	ng	96
88) Benzo(b)fluoranthene	15.04	252	909128	44.503	ng	# 94
89) Benzo(k)fluoranthene	15.04	252	909128	45.690	ng	98
90) Benzo(a)pyrene	15.41	252	482955	26.447	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	63859	4.040	ng	# 77
92) Benzo(g,h,i)perylene	17.38	276	218419	14.070	ng	100

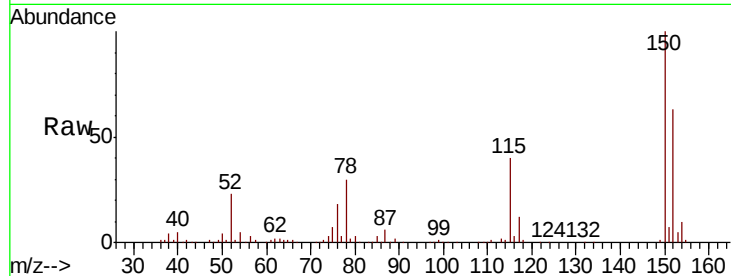
(#) = qualifier out of range (m) = manual integration (+) = signals summed



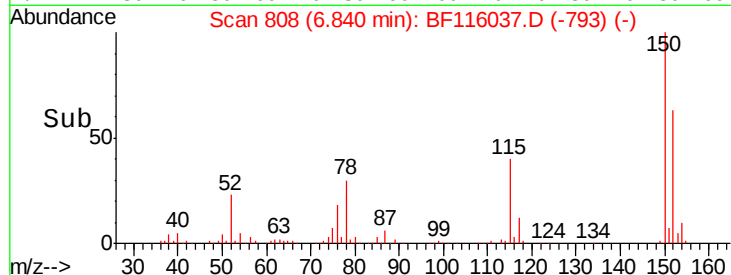
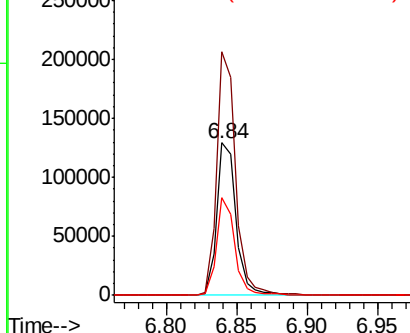
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116037.D
 Acq: 7 Aug 2019 4:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 123238
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.4 191.0
 115 64.0 51.8 77.8

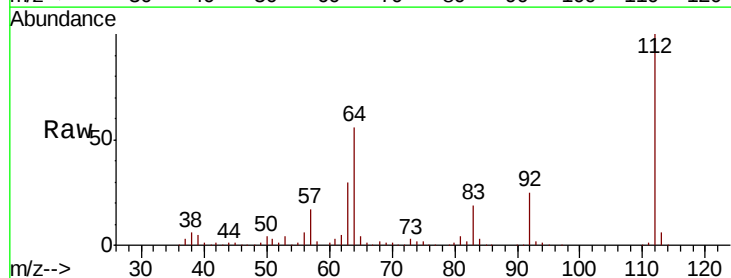


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

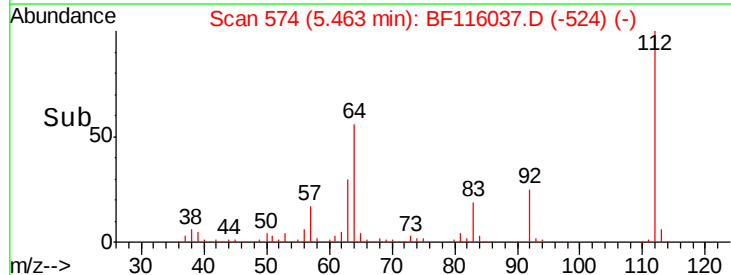
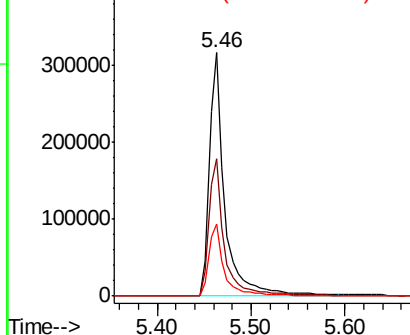


#5
 2-Fluorophenol
 Concen: 49.678 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF116037.D
 Acq: 7 Aug 2019 4:05

Tgt Ion:112 Resp: 365709
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.8 70.2
 63 29.7 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: 52.861 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

Instrument :

BNA_F

ClientSampleId :

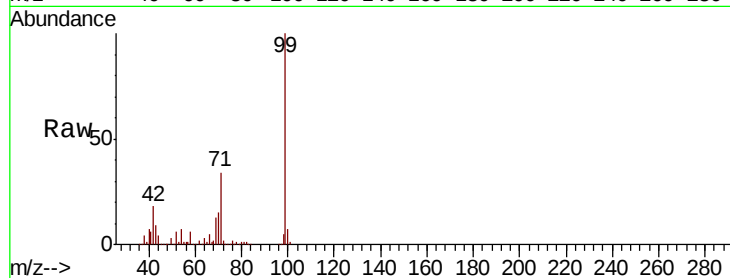
Tot Ion: 99 Resp: 490968

Ion Ratio Lower Upper

99 100

42 18.0 13.8 20.6

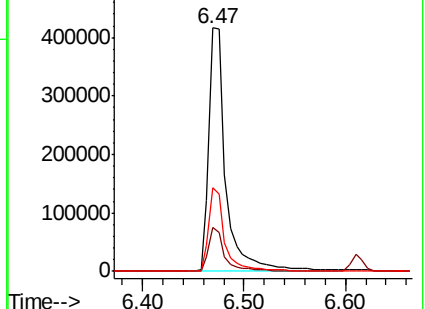
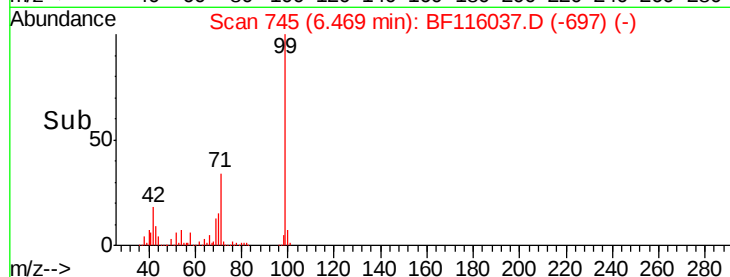
71 34.1 27.1 40.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.648 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

Tgt Ion: 70 Resp: 38262

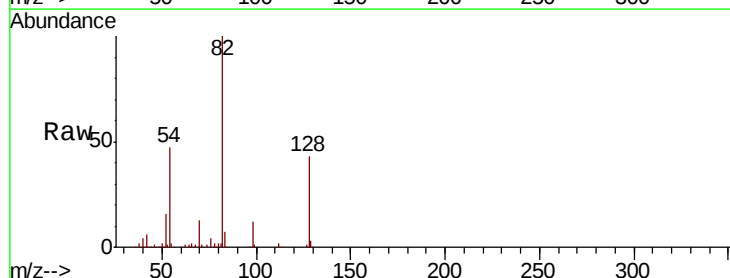
Ion Ratio Lower Upper

70 100

42 49.7 41.8 62.8

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#

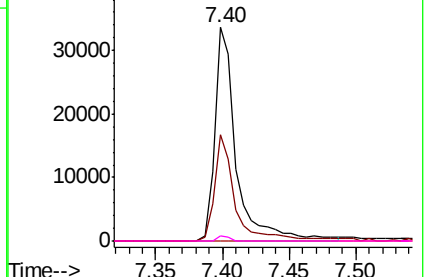
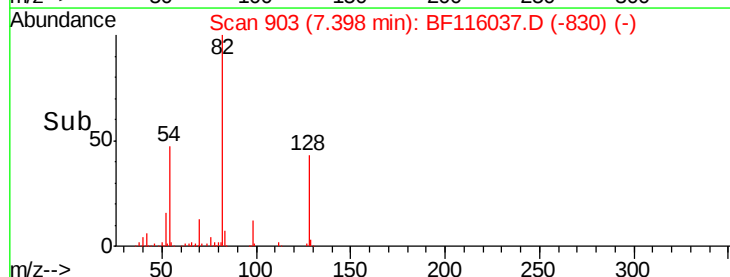


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

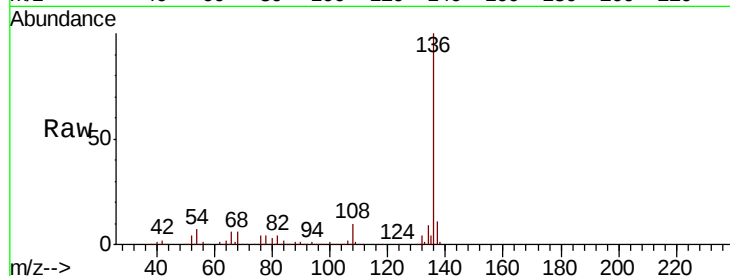




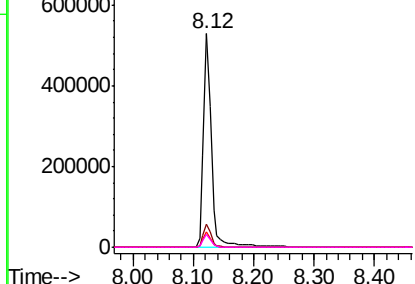
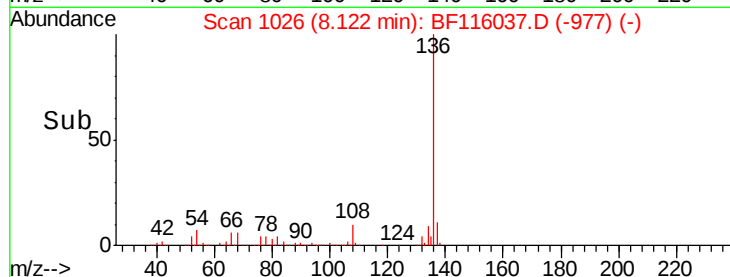
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	488372
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	7.2	6.1 9.1
68	6.3	5.4 8.2

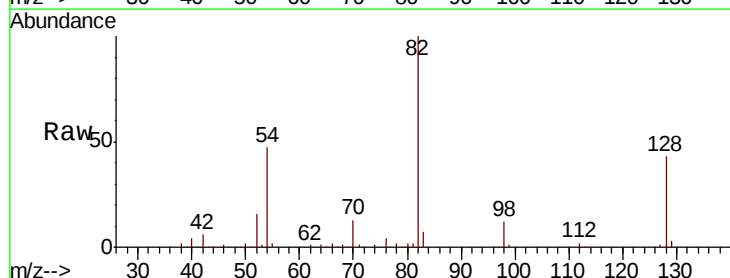


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

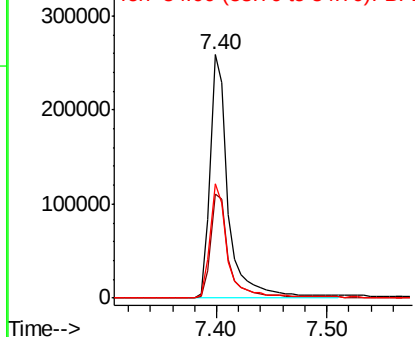
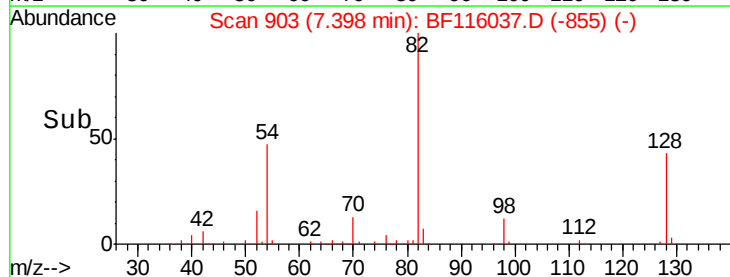


#23
Nitrobenzene-d5
Concen: 34.440 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Tgt Ion: 82	Resp:	291384
Ion Ratio	Lower	Upper
82	100	
128	42.6	36.6 55.0
54	46.7	36.6 55.0



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: 18.011 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

Instrument :

BNA_F

ClientSampleId :

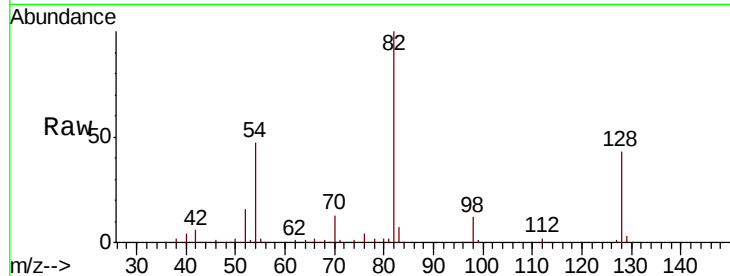
Tot Ion: 82 Resp: 291380

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

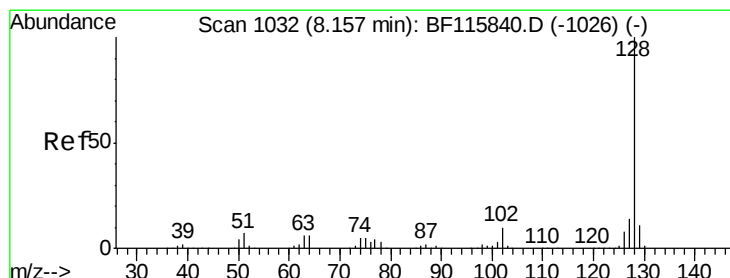
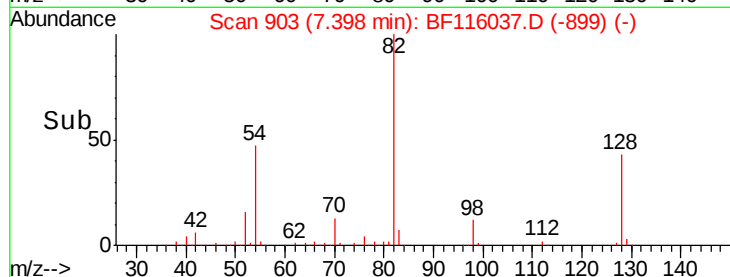
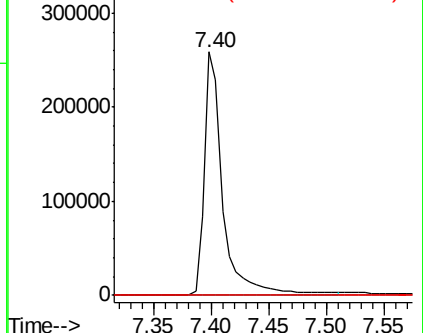
138 0.0 13.9 20.9#



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: 2.974 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

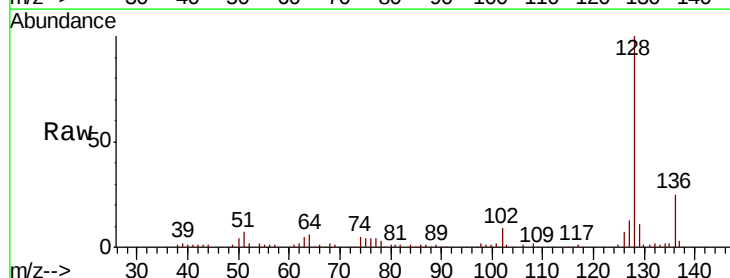
Tgt Ion: 128 Resp: 68356

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

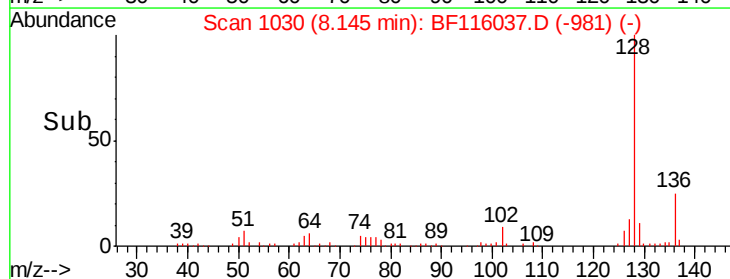
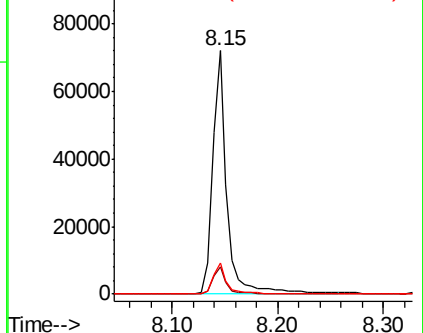
127 12.7 11.0 16.4

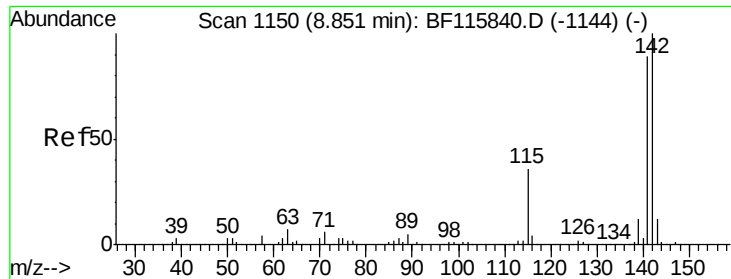


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

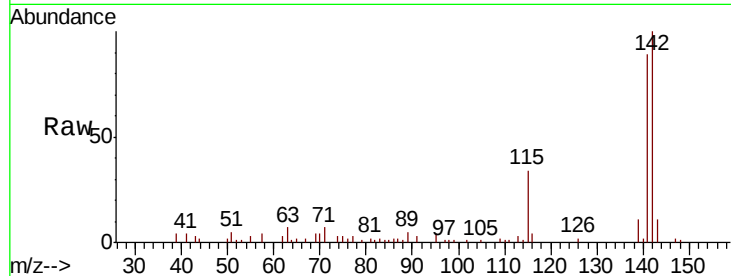




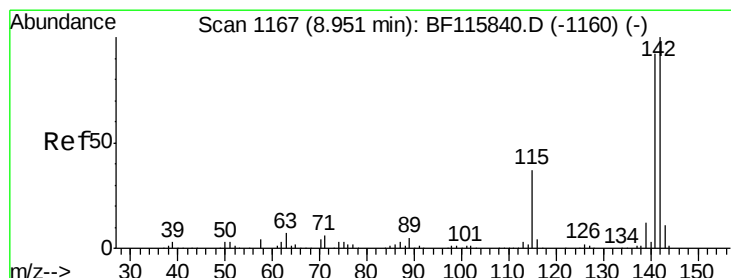
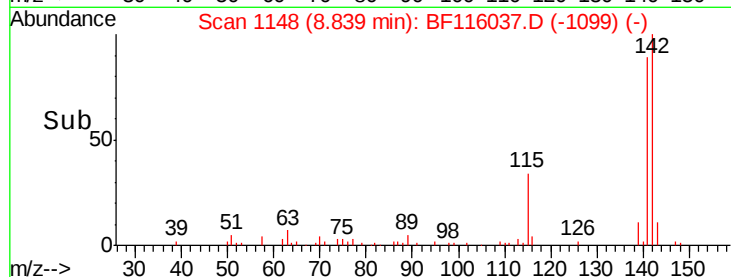
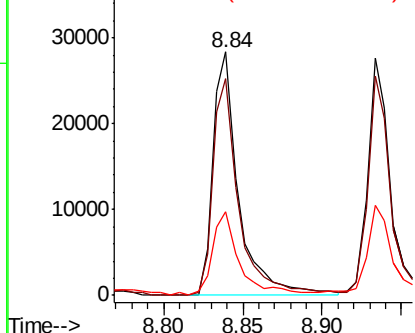
#37
2-Methylnaphthalene
Concen: 2.107 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 31896
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2
115 34.5 28.9 43.3

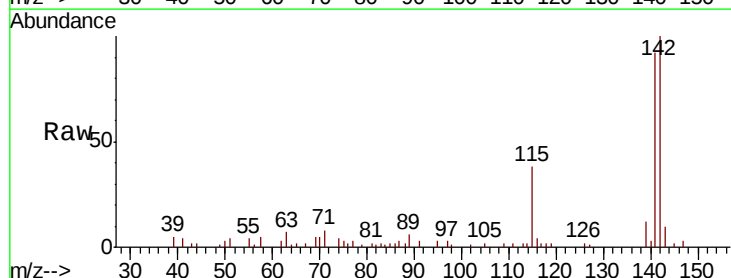


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

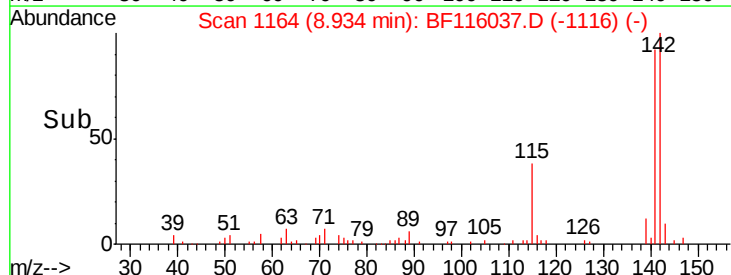
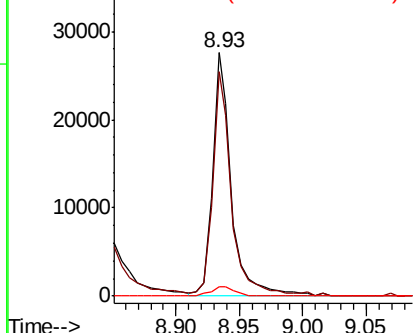


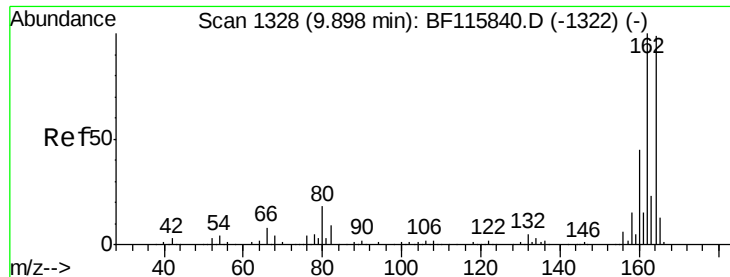
#38
1-Methylnaphthalene
Concen: 2.011 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Tgt Ion:142 Resp: 28789
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6
116 4.1 3.1 4.7



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

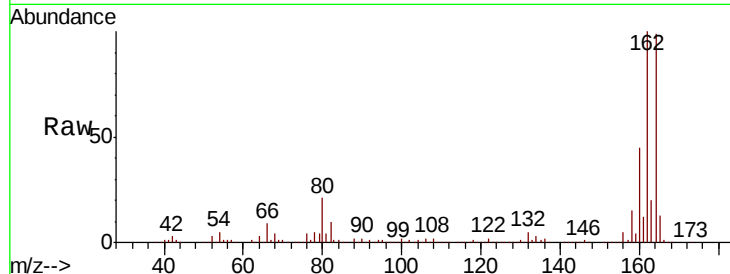




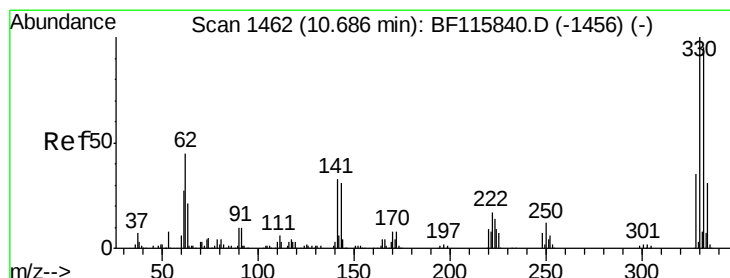
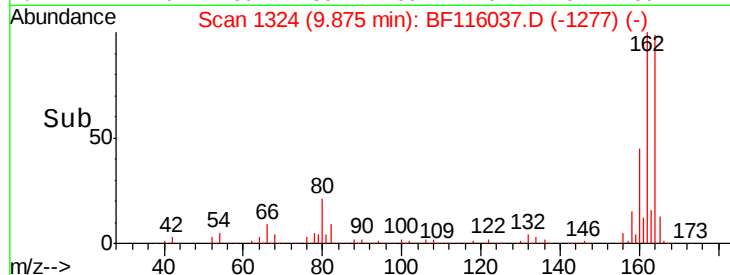
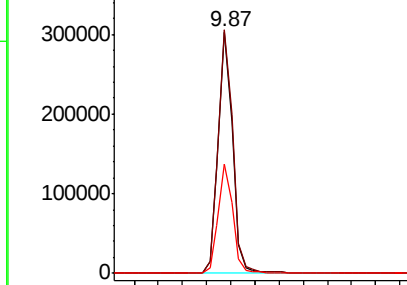
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF116037.D
 Acq: 7 Aug 2019 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.8	121.2
160	45.2	36.2	54.4

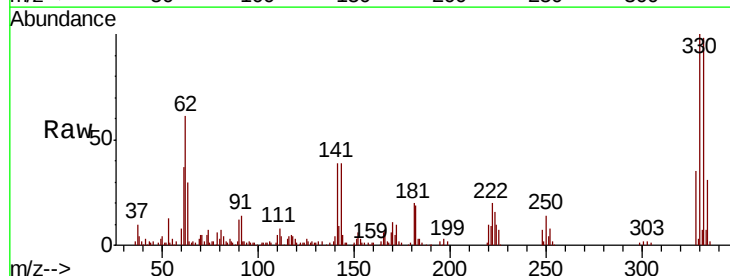


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

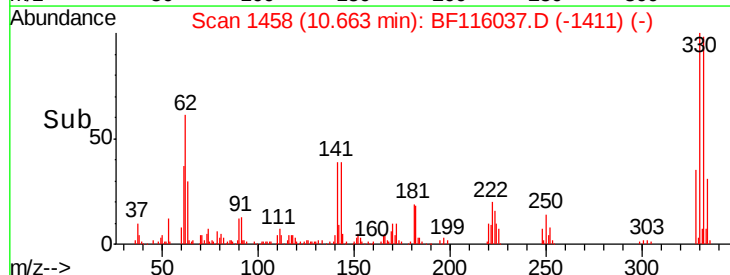
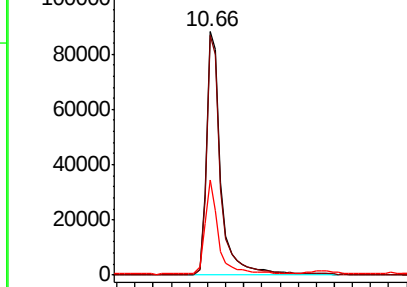


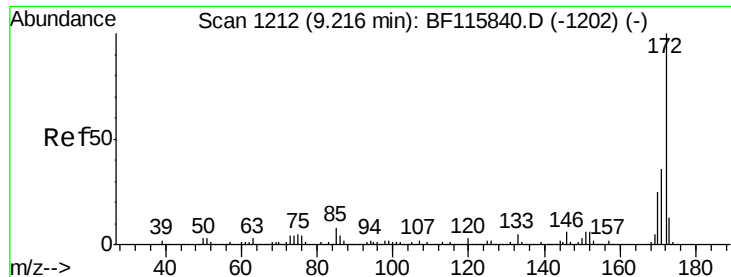
#42
 2,4,6-Tribromophenol
 Concen: 41.588 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF116037.D
 Acq: 7 Aug 2019 4:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	35.4	28.1	42.1



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

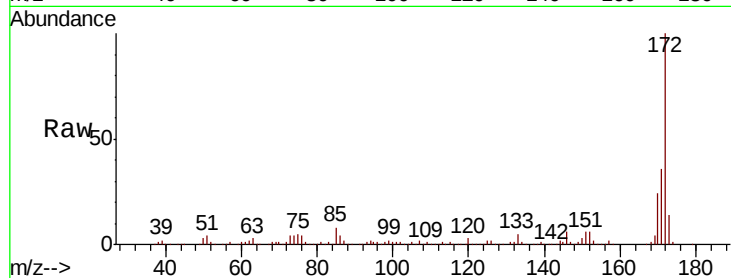




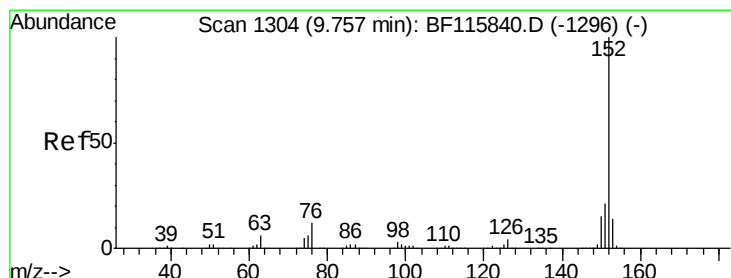
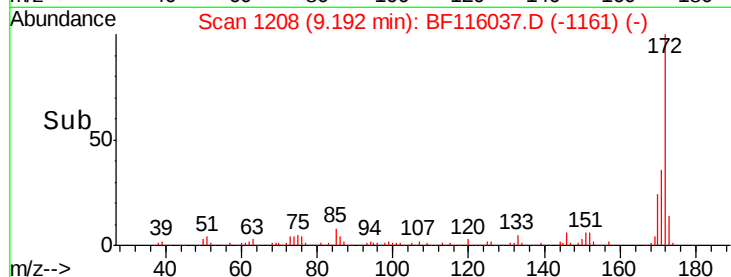
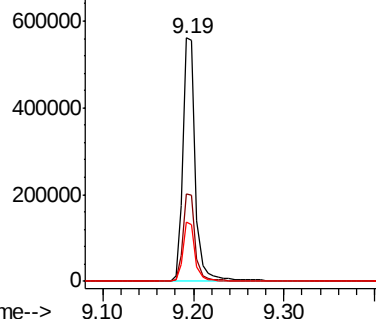
#45
2-Fluorobiphenyl
Concen: 41.824 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 554985
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.2 20.1 30.1

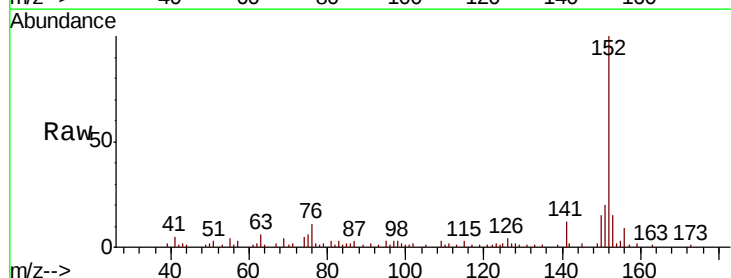


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

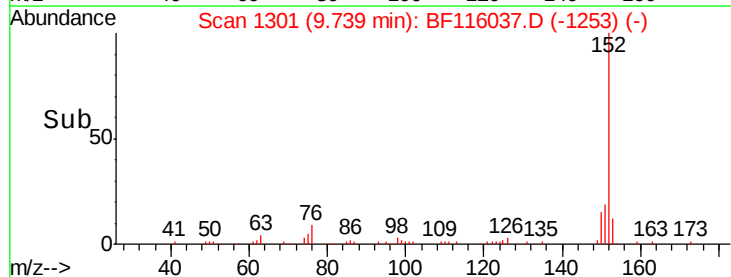
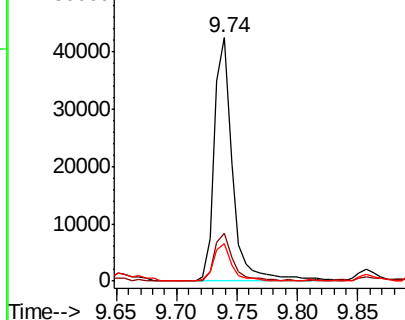


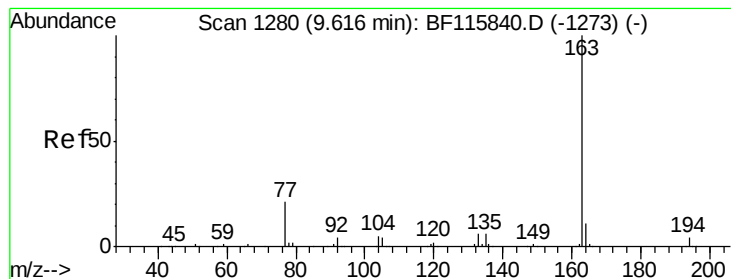
#49
Acenaphthylene
Concen: 2.075 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Tgt Ion:152 Resp: 44205
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 15.4 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: 2.606 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

Instrument :

BNA_F

ClientSampled :

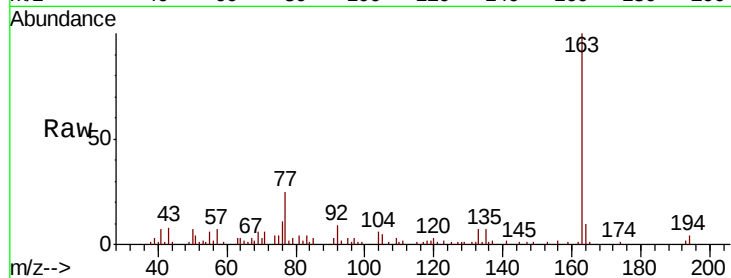
Tot Ion:163 Resp: 44103

Ion Ratio Lower Upper

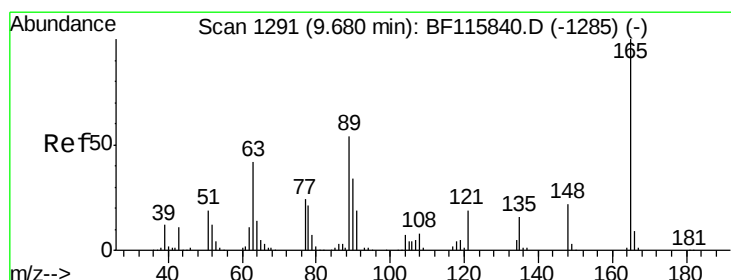
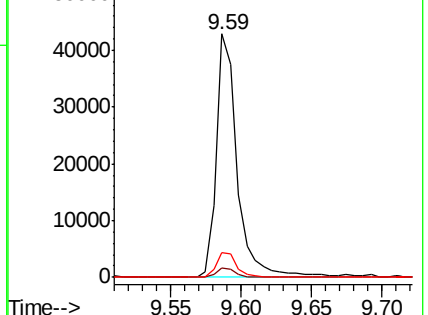
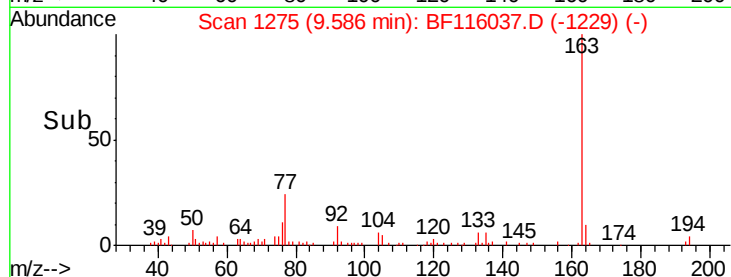
163 100

194 3.9 3.0 4.6

164 10.3 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: 9.135 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.19 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

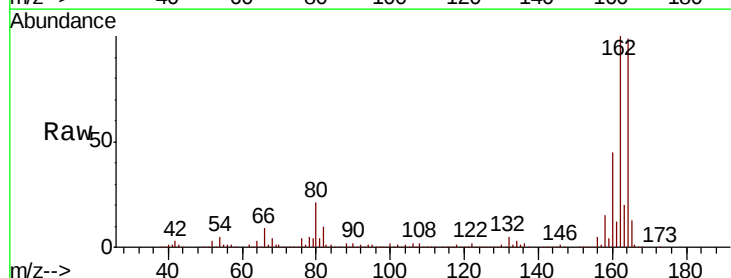
Tgt Ion:165 Resp: 33598

Ion Ratio Lower Upper

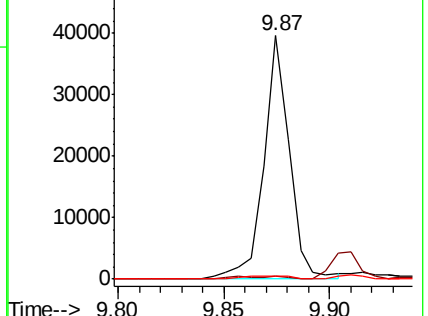
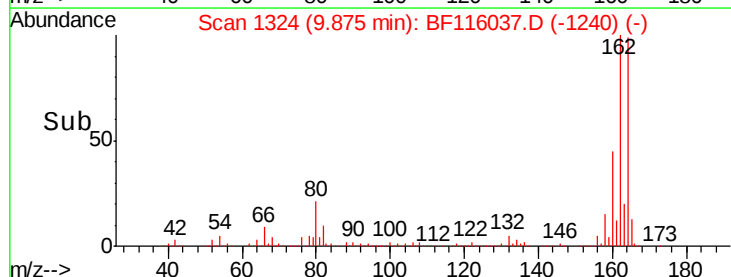
165 100

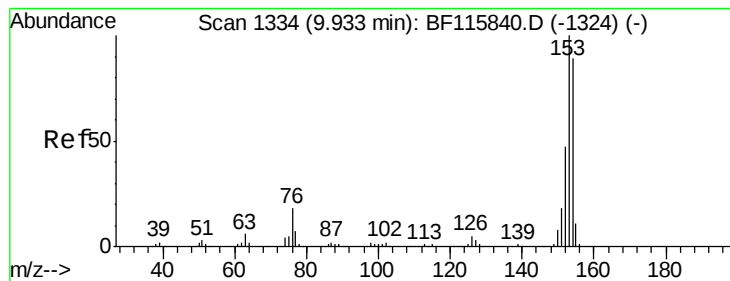
63 1.2 39.4 59.2#

89 1.5 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: 3.855 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

Instrument :

BNA_F

ClientSampleId :

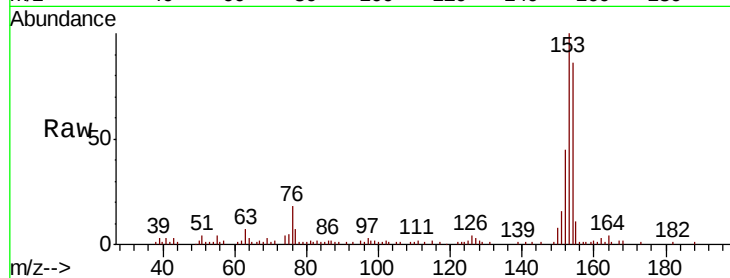
Tot Ion:154 Resp: 50394

Ion Ratio Lower Upper

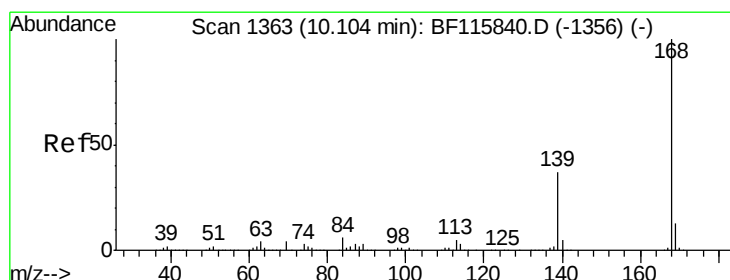
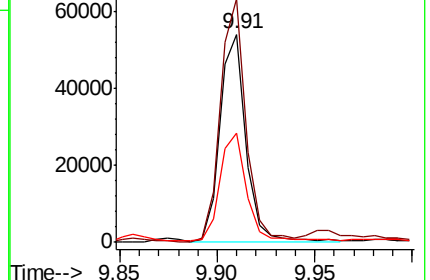
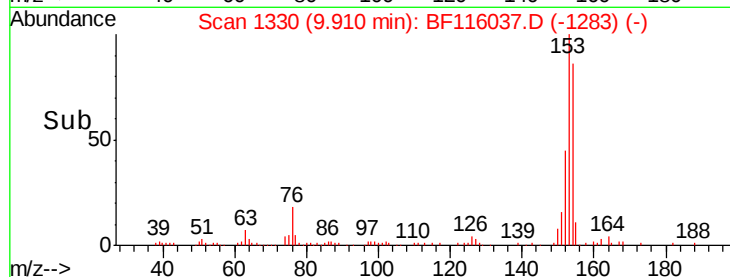
154 100

153 117.0 90.1 135.1

152 52.7 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: 2.861 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.02 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

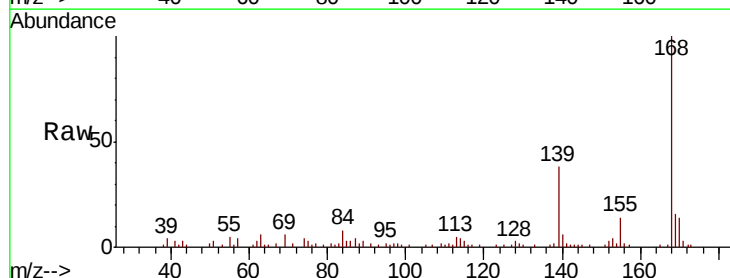
Tgt Ion:168 Resp: 54386

Ion Ratio Lower Upper

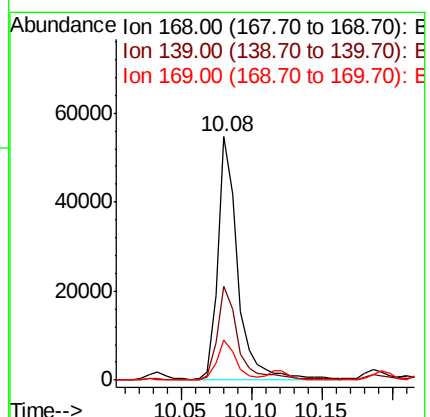
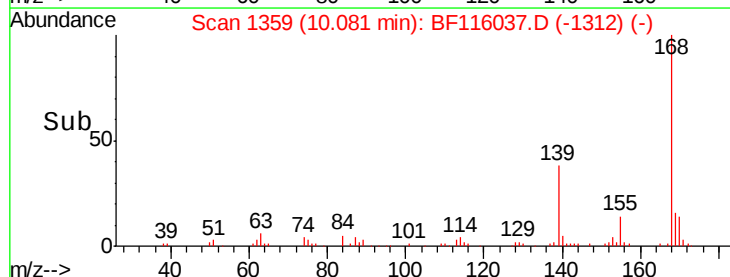
168 100

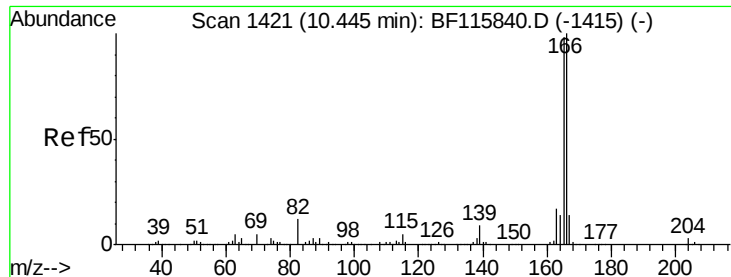
139 38.4 30.2 45.2

169 16.2 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

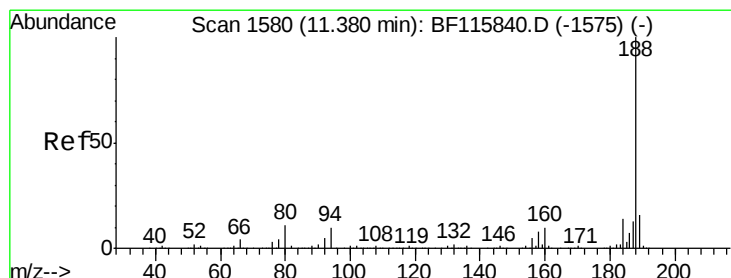
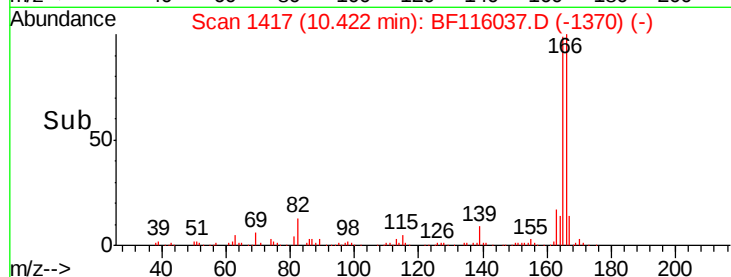
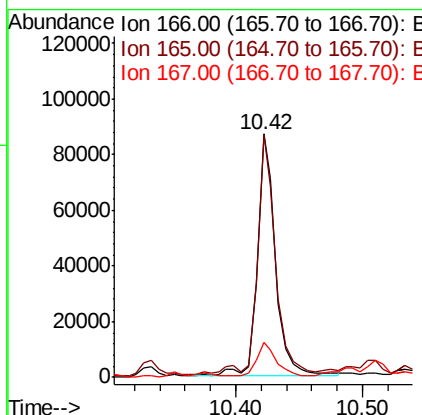
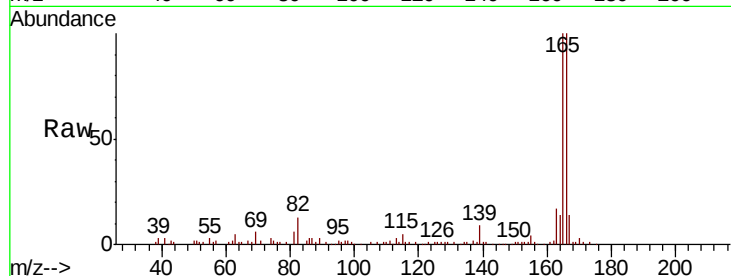




#58
Fluorene
 Concen: 6.044 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF116037.D
 Acq: 7 Aug 2019 4:05

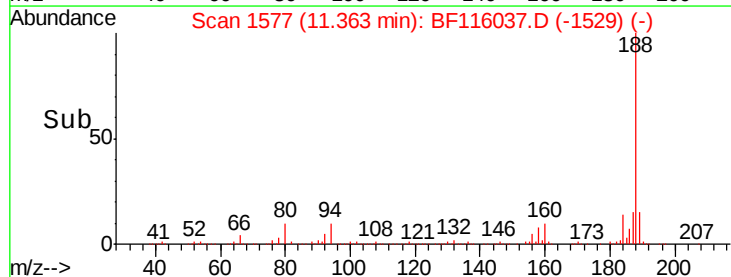
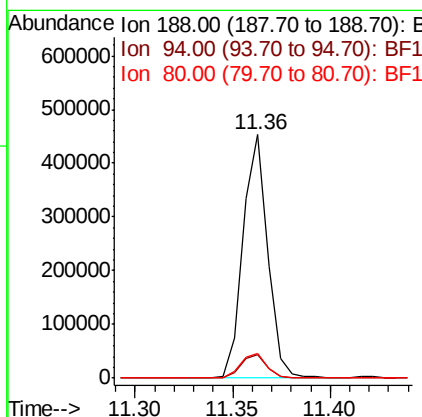
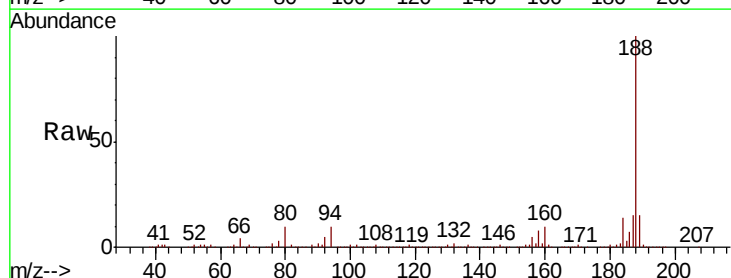
Instrument :
 BNA_F
 ClientSampleId :

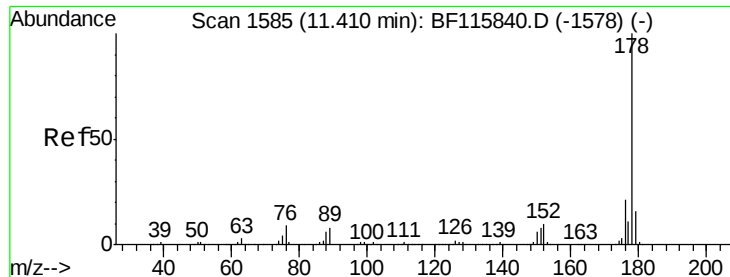
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	118.0
167	14.1	10.9	16.3



#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF116037.D
 Acq: 7 Aug 2019 4:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.3	8.6	12.8

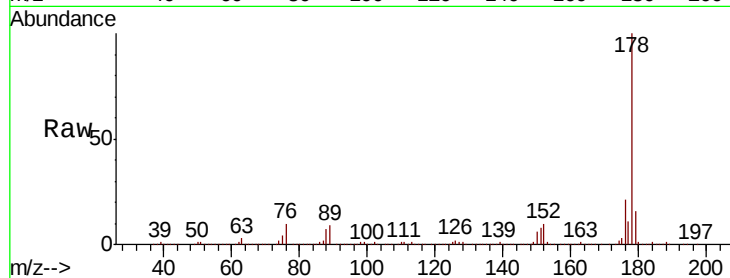




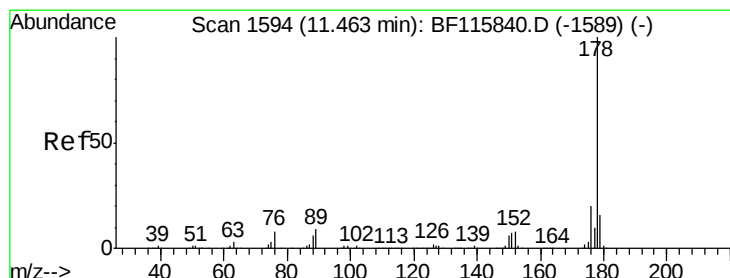
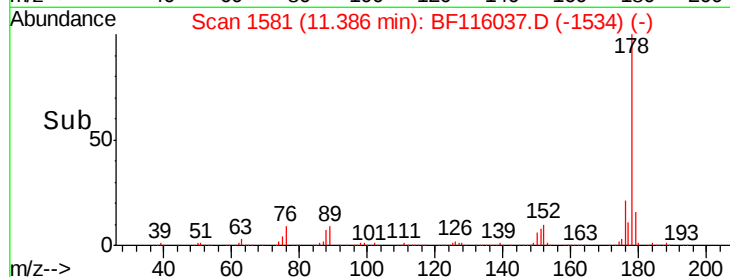
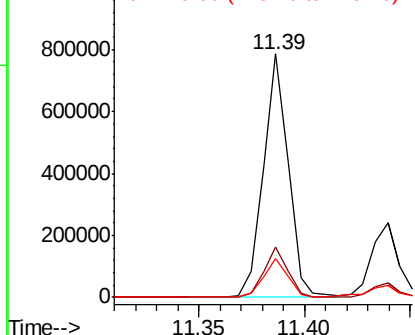
#71
Phenanthrene
Concen: 31.817 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 646769
Ion Ratio Lower Upper
178 100
176 20.7 16.5 24.7
179 15.8 12.6 18.8

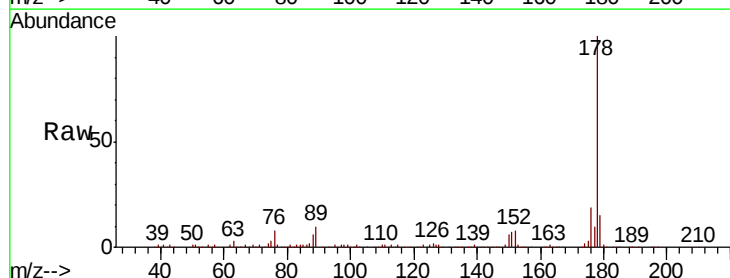


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

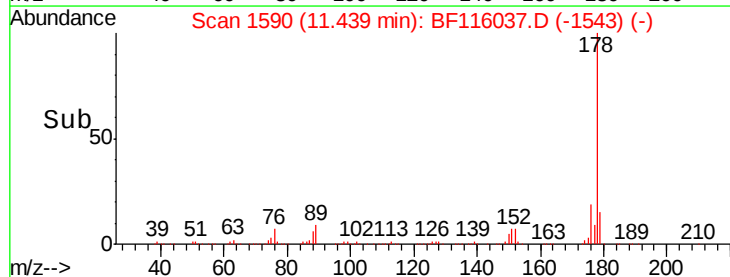
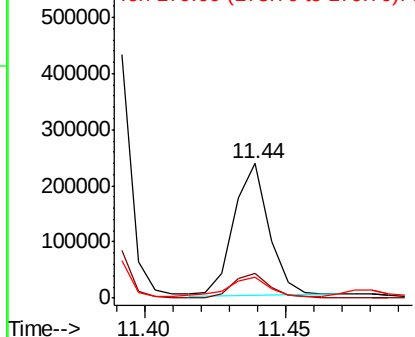


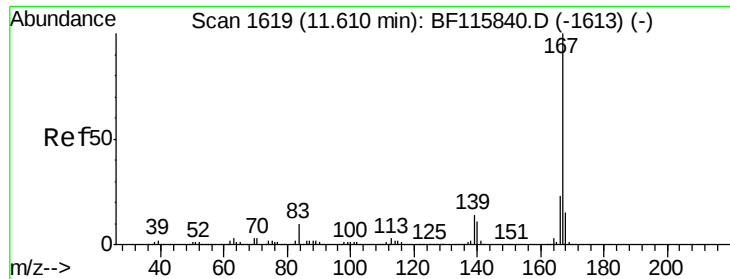
#72
Anthracene
Concen: 9.904 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Tgt Ion:178 Resp: 203745
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.4 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

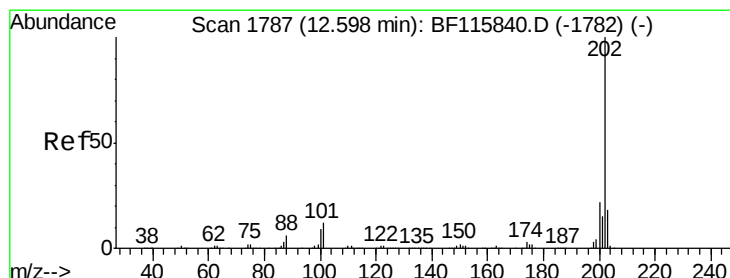
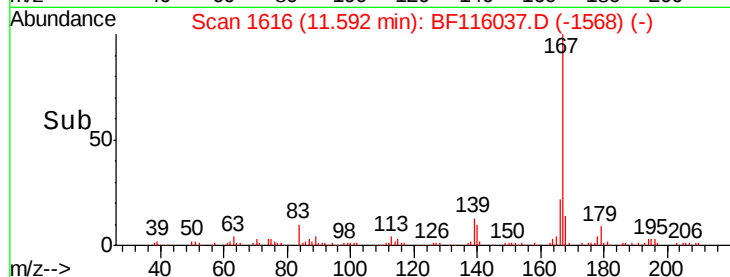
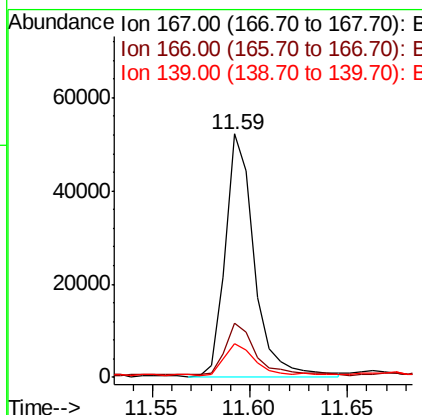
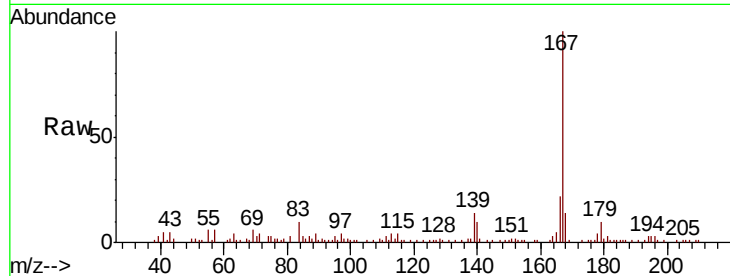




#73
 Carbazole
 Concen: 2.918 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF116037.D
 Acq: 7 Aug 2019 4:05

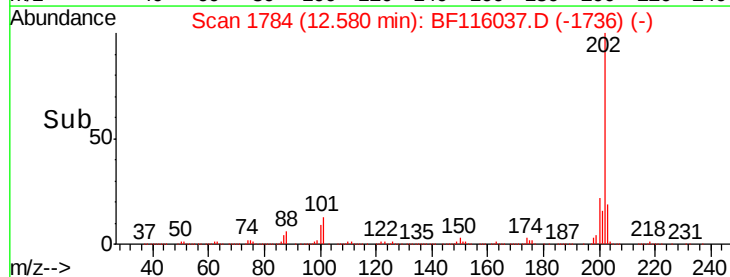
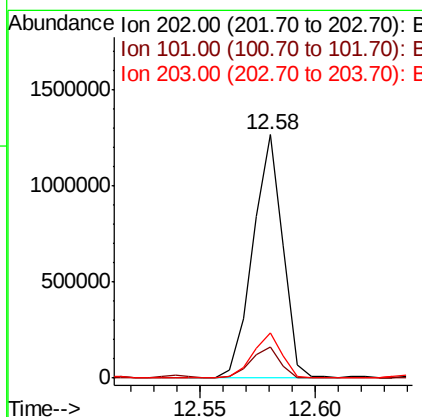
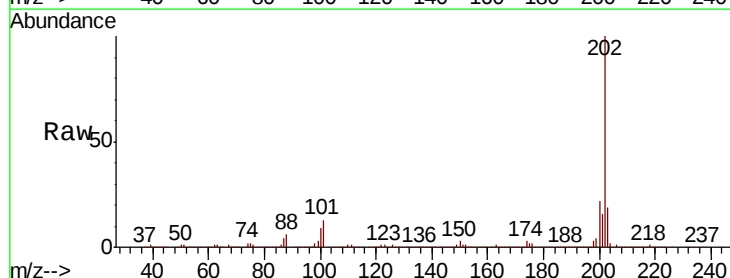
Instrument :
 BNA_F
 ClientSampleId :

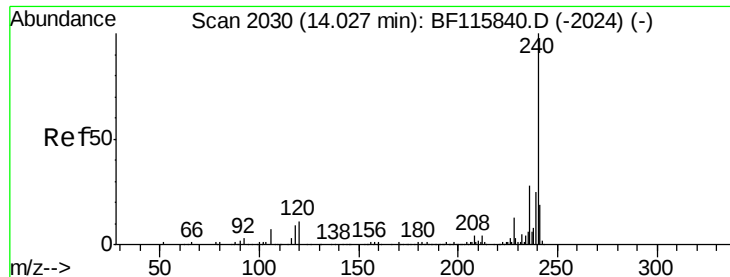
Tot Ion:167 Resp: 54471
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.6 11.4 17.2



#75
 Fluoranthene
 Concen: 53.538 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF116037.D
 Acq: 7 Aug 2019 4:05

Tgt Ion:202 Resp: 1139338
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 31.5
 203 18.7 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

Instrument :

BNA_F

ClientSampleId :

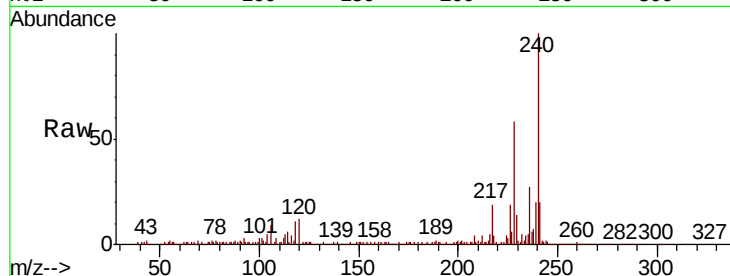
Tot Ion:240 Resp: 319968

Ion Ratio Lower Upper

240 100

120 12.0 8.5 12.7

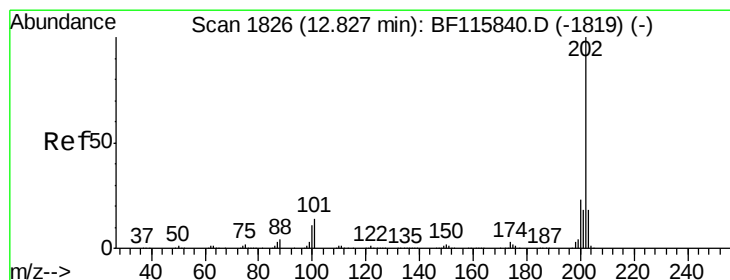
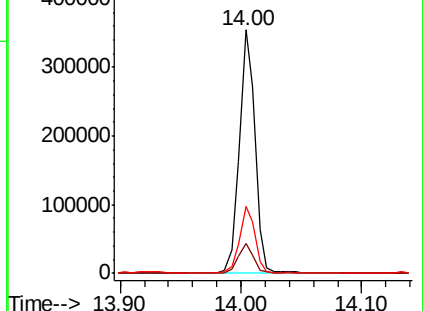
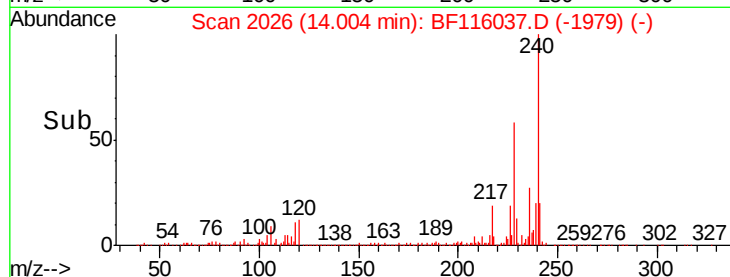
236 27.4 22.2 33.2



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

Pyrene

Concen: 44.771 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

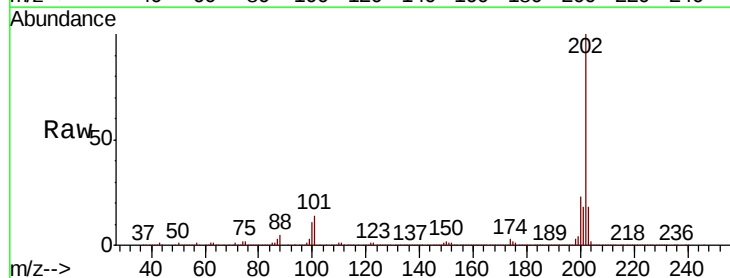
Tgt Ion:202 Resp: 1079863

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

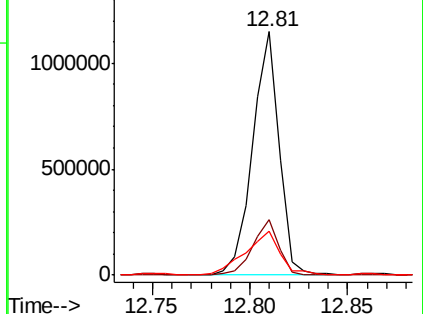
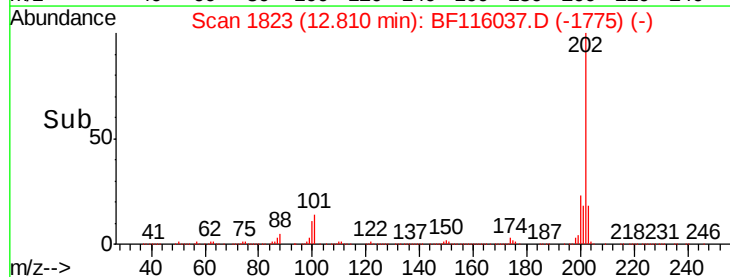
203 17.9 14.3 21.5

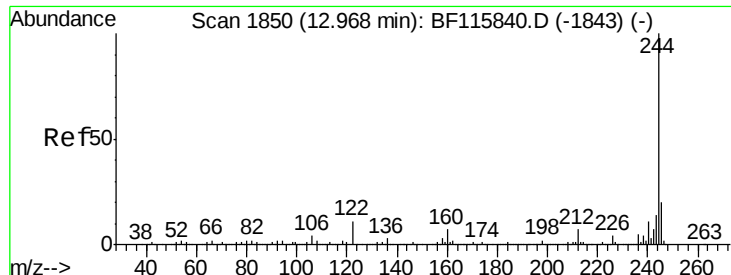


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

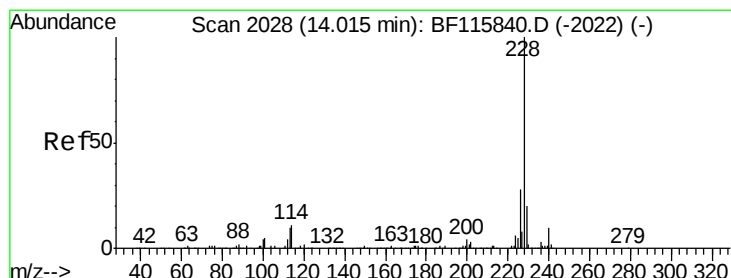
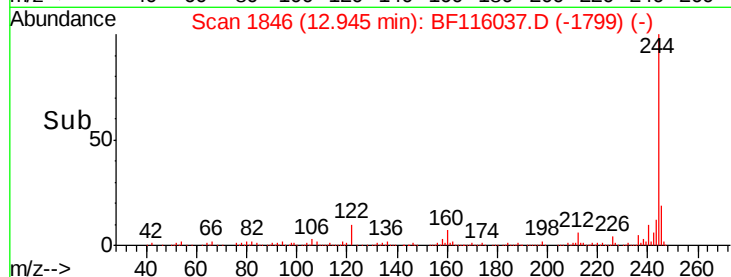
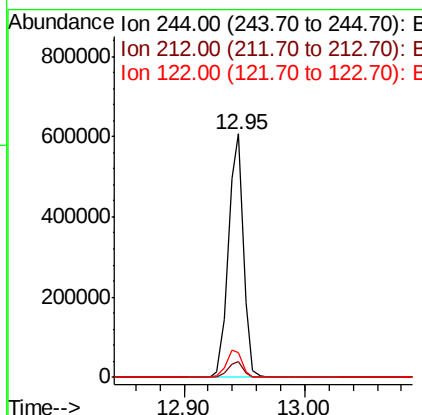
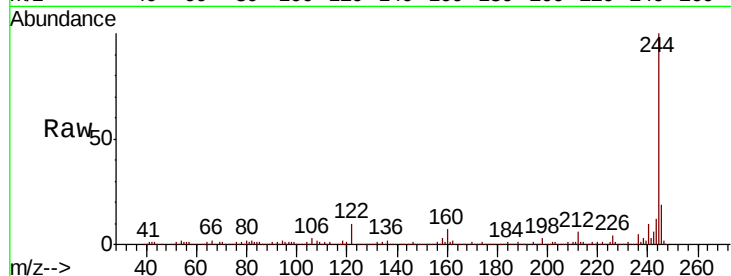




#79
 Terphenyl-d14
 Concen: 34.442 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF116037.D
 Acq: 7 Aug 2019 4:05

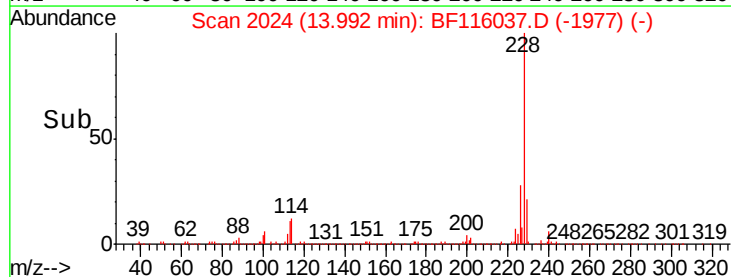
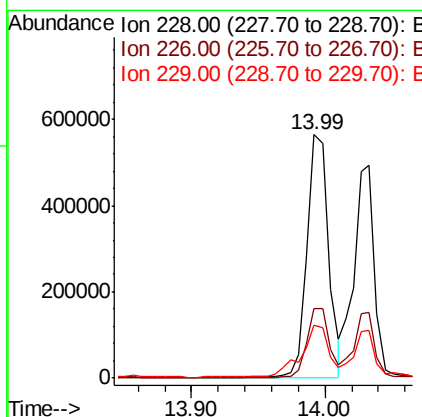
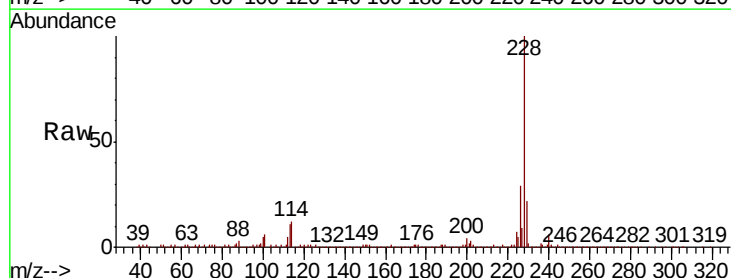
Instrument :
 BNA_F
 ClientSampleId :

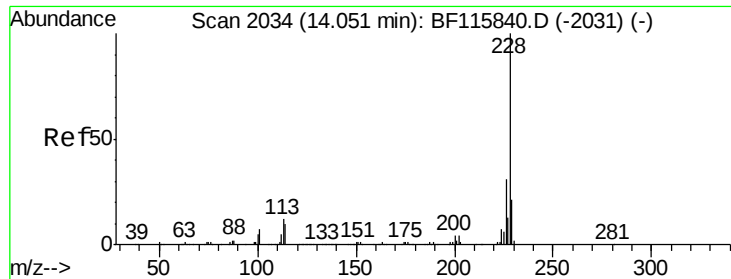
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.0	8.6	13.0



#81
 Benzo(a)anthracene
 Concen: 30.308 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF116037.D
 Acq: 7 Aug 2019 4:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	21.7	16.1	24.1

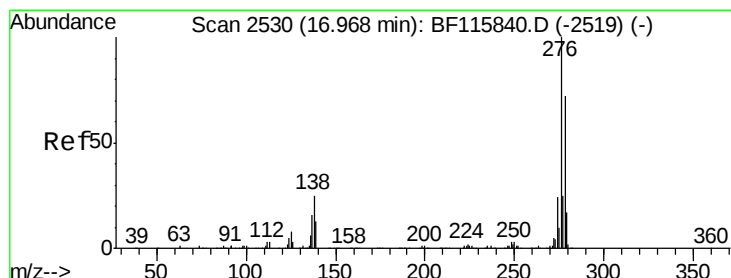
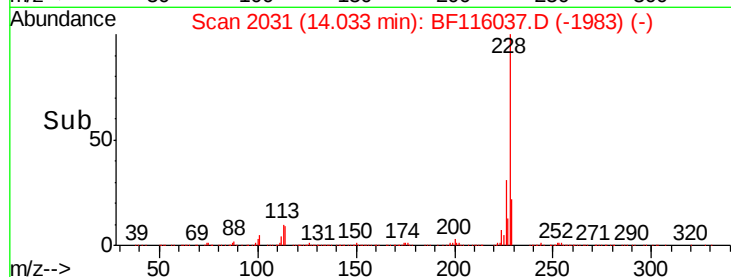
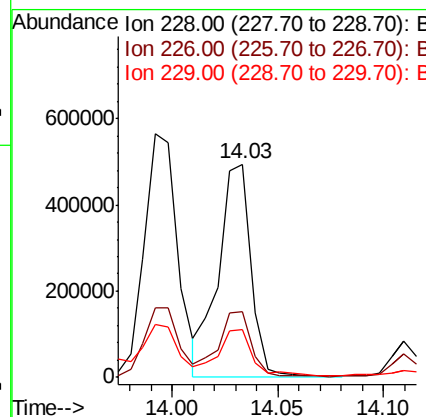
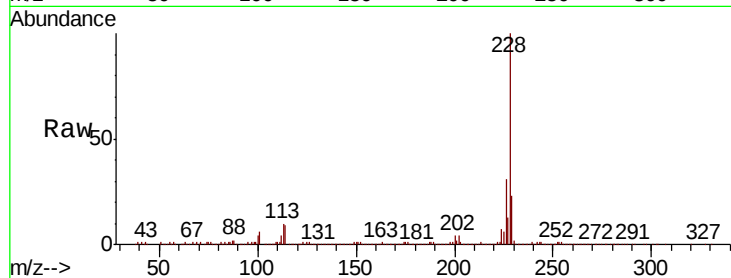




#83
Chrysene
Concen: 26.575 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

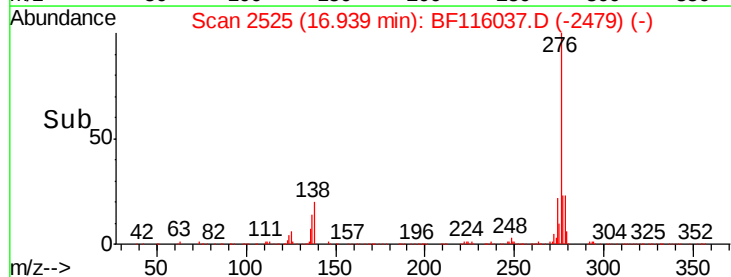
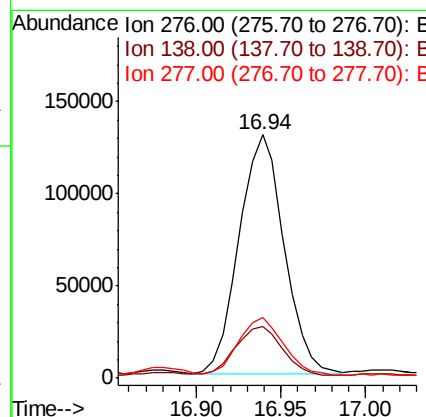
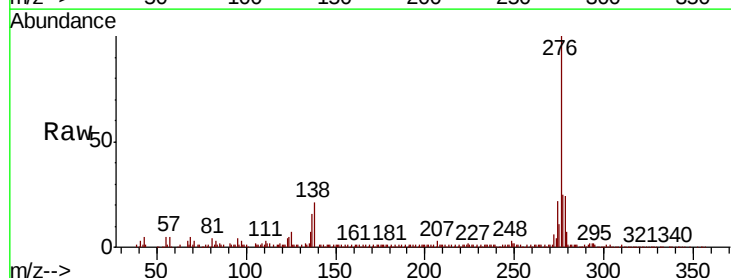
Instrument :
BNA_F
ClientSampleId :

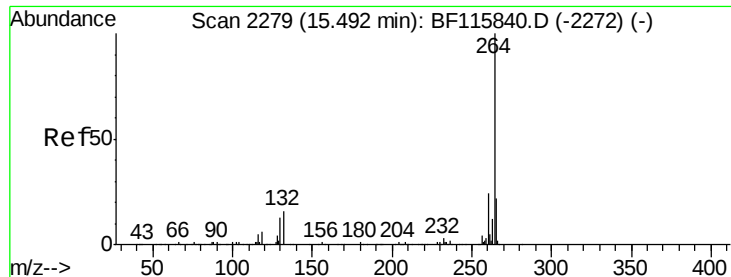
Tot Ion:228 Resp: 527649
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.6 16.4 24.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 14.415 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Tgt Ion:276 Resp: 240383
Ion Ratio Lower Upper
276 100
138 21.6 19.6 29.4
277 23.9 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.02 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

Instrument :

BNA_F

ClientSampleId :

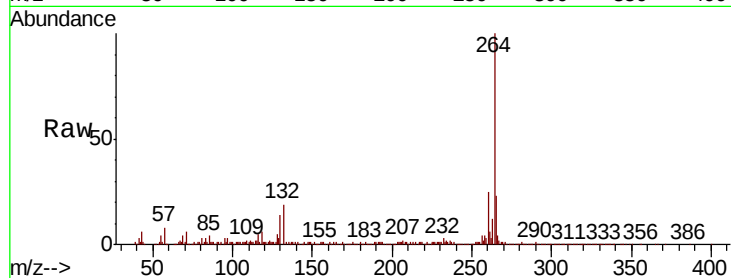
Tot Ion:264 Resp: 353305

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

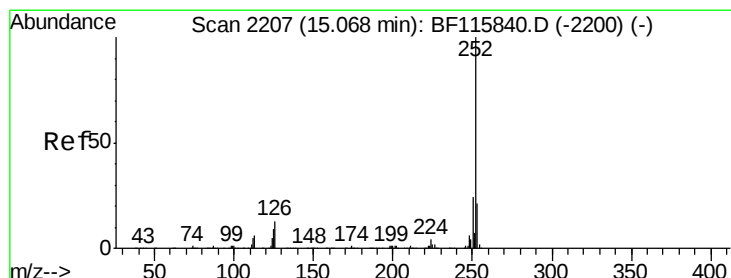
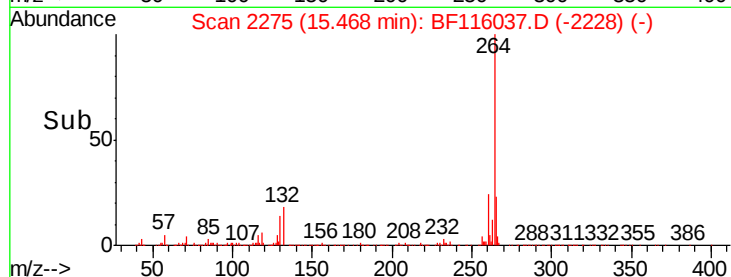
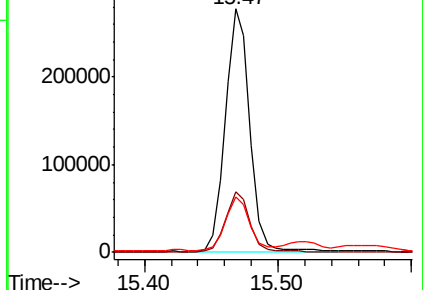
265 23.0 17.5 26.3



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



#88

Benzo(b)fluoranthene

Concen: 44.503 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

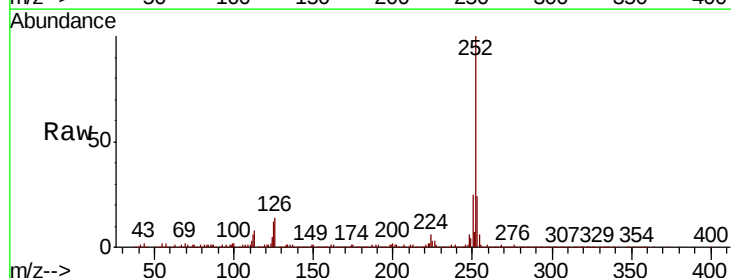
Tgt Ion:252 Resp: 909128

Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

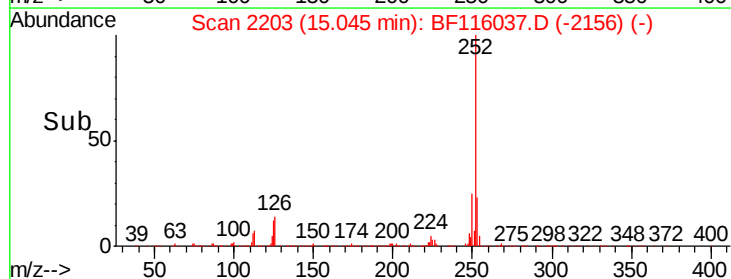
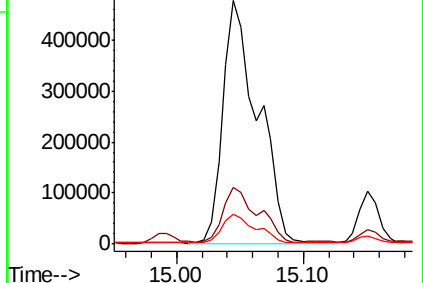
125 12.4 7.4 11.0#

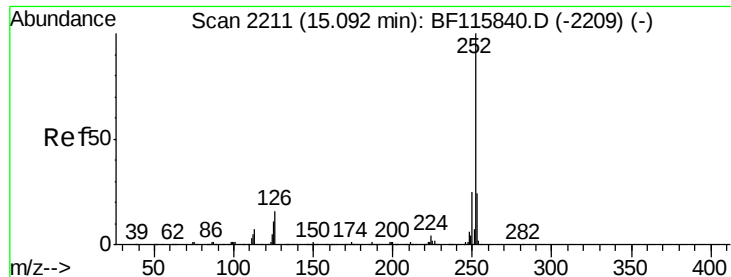


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.690 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.05 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

Instrument :

BNA_F

ClientSampleId :

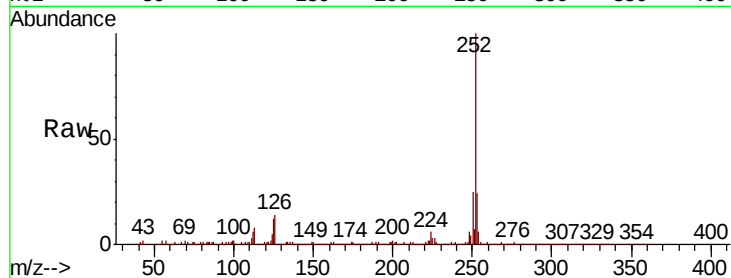
Tot Ion:252 Resp: 909128

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

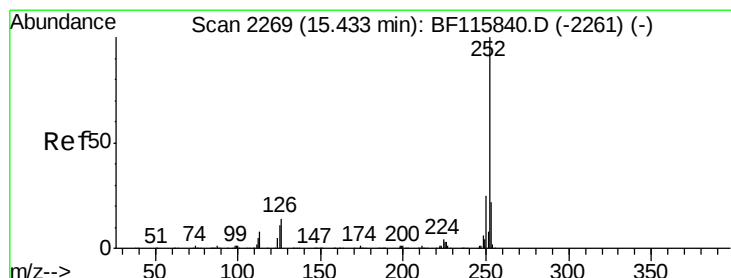
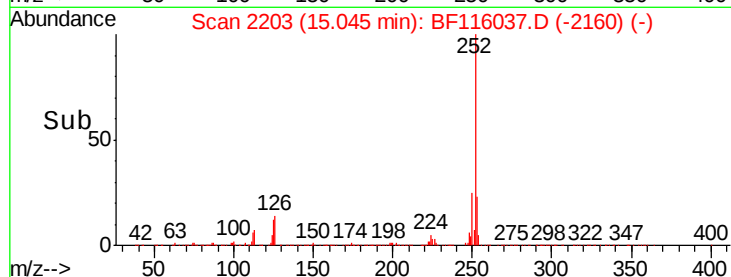
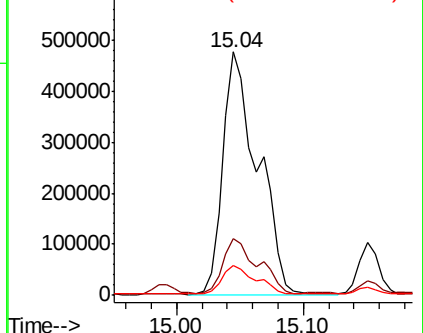
125 12.4 8.9 13.3



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: 26.447 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.02 min

Lab File: BF116037.D

Acq: 7 Aug 2019 4:05

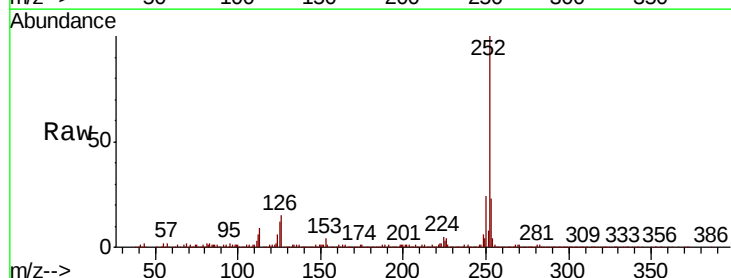
Tgt Ion:252 Resp: 482955

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

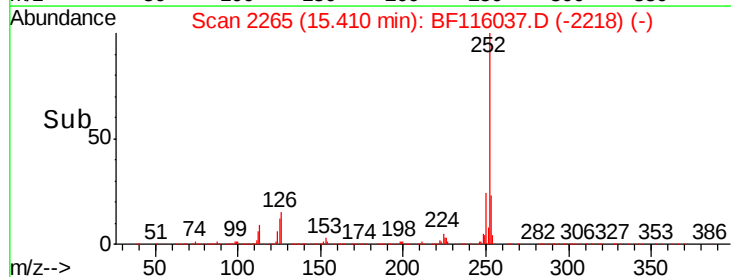
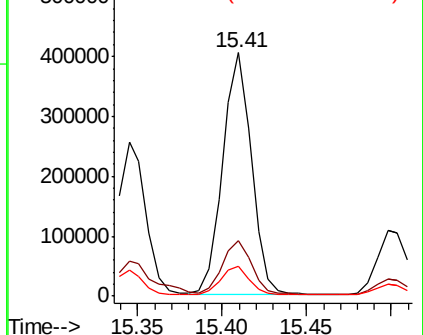
125 12.2 8.8 13.2

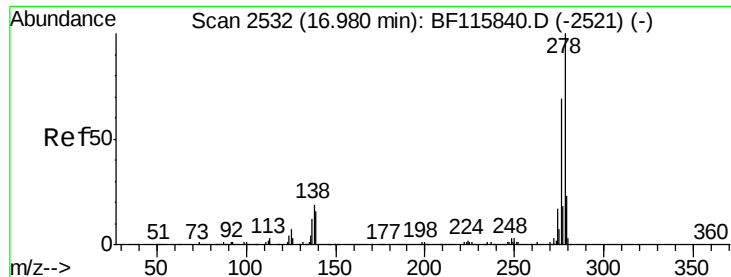


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

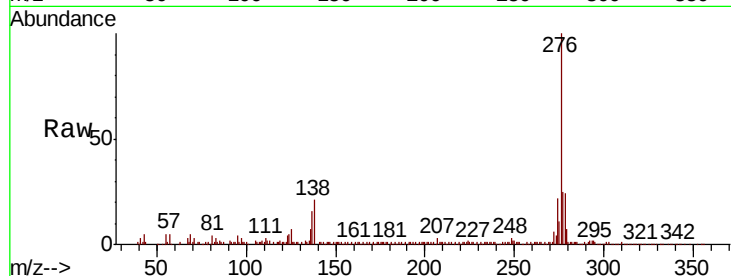




#91
Dibenzo(a,h)anthracene
Concen: 4.040 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.04 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.6	19.0#
279	30.0	18.8	28.2#

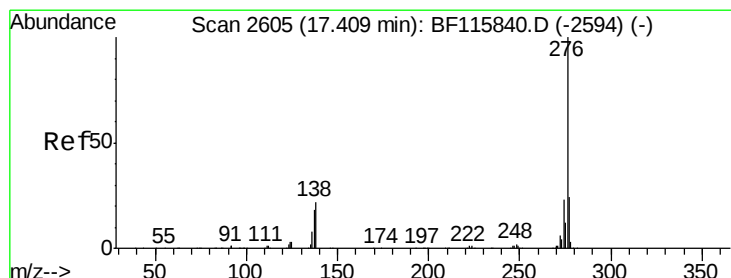
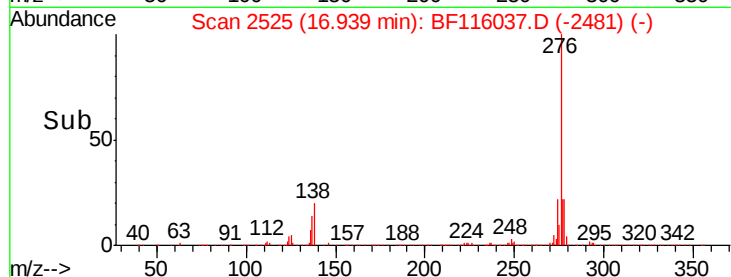
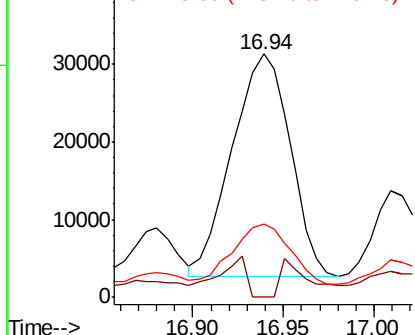


Abundance

Ion 278.00 (277.70 to 278.70): E

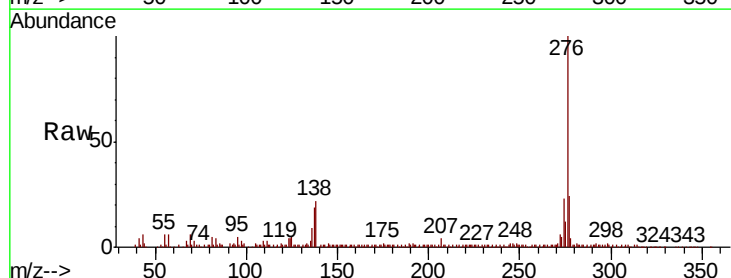
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 14.070 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.03 min
Lab File: BF116037.D
Acq: 7 Aug 2019 4:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	22.5	17.8	26.8



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

