

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116090.D
 Acq On : 9 Aug 2019 1:38
 Operator : HP/JU
 Sample : K4095-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:16:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	106806	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	445687	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	244593	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	403599	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	240980	20.00	ng	-0.01
87) Perylene-d12	15.46	264	271366	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	157577	24.70	ng	0.00
7) Phenol-d6	6.47	99	227055	28.21	ng	-0.02
23) Nitrobenzene-d5	7.40	82	141175	18.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	56295	23.74	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	290011	22.21	ng	-0.02
79) Terphenyl-d14	12.93	244	279427	24.43	ng	-0.02

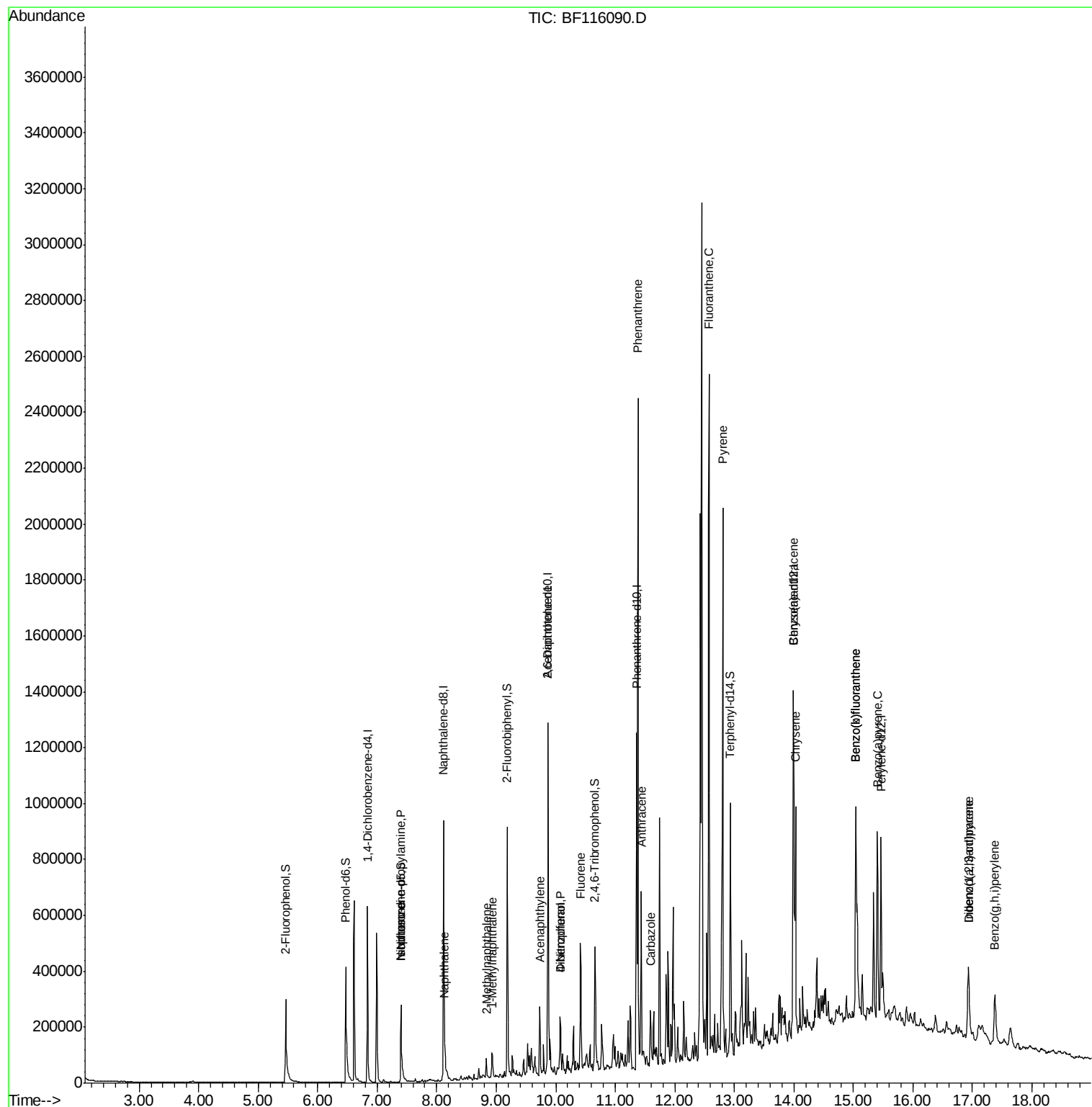
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.40	70	18145	3.638	ng	# 83
25) Isophorone	7.40	82	141174	9.562	ng	# 65
31) Naphthalene	8.14	128	42789	2.040	ng	99
37) 2-Methylnaphthalene	8.83	142	27759	2.010	ng	98
38) 1-Methylnaphthalene	8.93	142	28934	2.214	ng	100
49) Acenaphthylene	9.73	152	99554	4.748	ng	99
51) 2,6-Dinitrotoluene	9.87	165	33855	9.354	ng	# 29
55) Dibenzofuran	10.07	168	74455	3.980	ng	# 98
56) 4-Nitrophenol	10.07	139	29488	10.293	ng	# 8
58) Fluorene	10.42	166	142545	9.904	ng	99
71) Phenanthrene	11.38	178	850002	41.197	ng	99
72) Anthracene	11.43	178	263525	12.620	ng	99
73) Carbazole	11.59	167	81449	4.299	ng	98
75) Fluoranthene	12.57	202	955694	44.244	ng	99
78) Pyrene	12.80	202	805466	44.341	ng	100
81) Benzo(a)anthracene	13.99	228	398395	25.865	ng	98
83) Chrysene	14.03	228	348817	23.327	ng	97
86) Indeno(1,2,3-cd)pyrene	16.93	276	167886	13.367	ng	95
88) Benzo(b)fluoranthene	15.04	252	586895	37.404	ng	97
89) Benzo(k)fluoranthene	15.04	252	586895	38.402	ng	# 96
90) Benzo(a)pyrene	15.40	252	321249	22.903	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	44768	3.687	ng	# 76
92) Benzo(g,h,i)perylene	17.37	276	146615	12.296	ng	97

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

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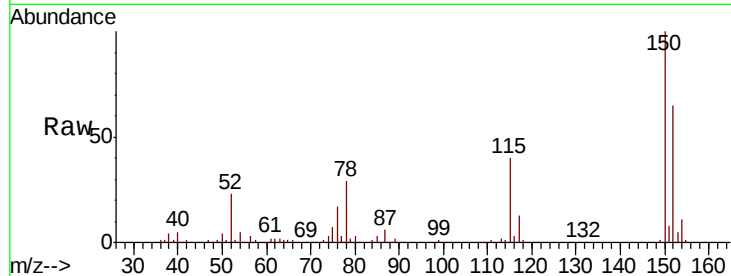


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	62.3	49.9	74.9

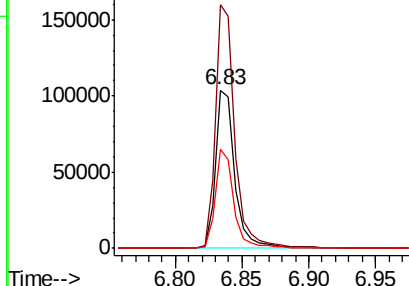
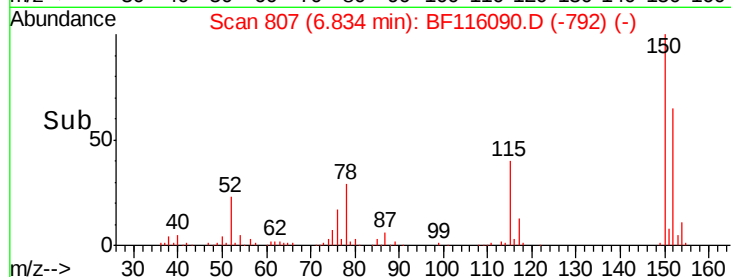


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

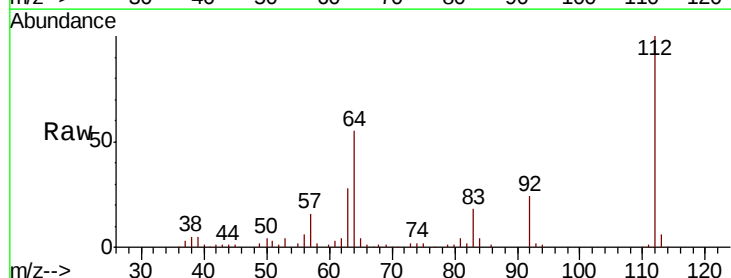
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 24.698 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.4	68.2
63	28.1	23.7	35.5

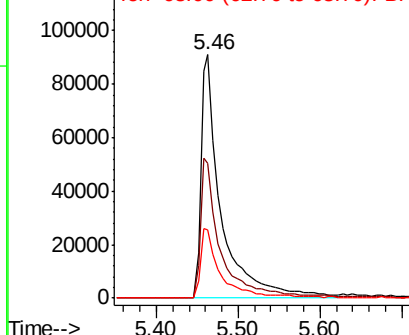
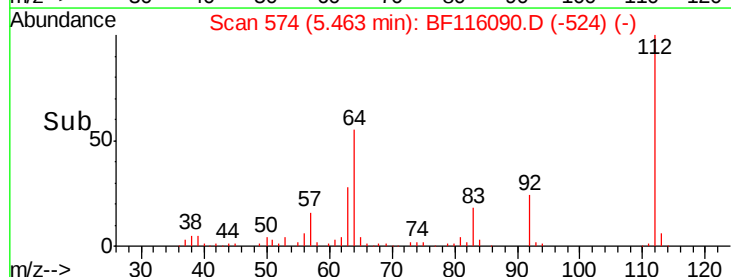


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.207 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

Instrument :

BNA_F

ClientSampleId :

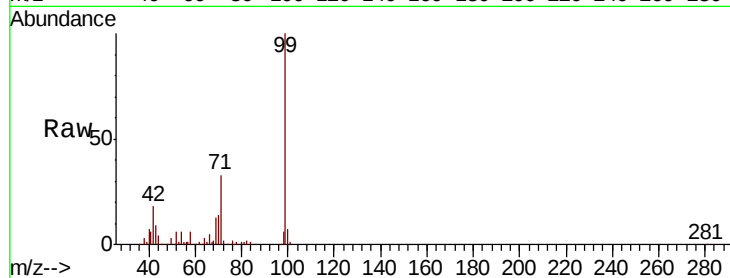
Tot Ion: 99 Resp: 227055

Ion Ratio Lower Upper

99 100

42 18.2 13.8 20.8

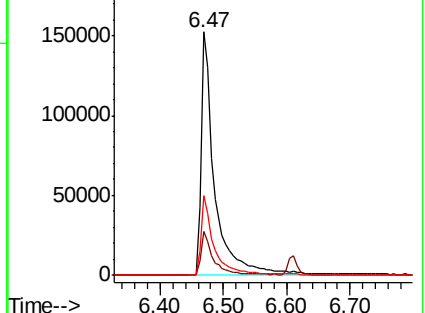
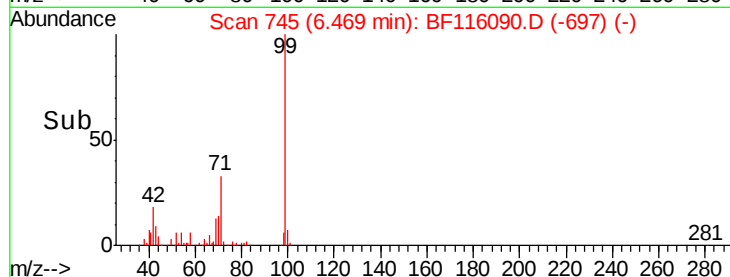
71 33.0 27.3 40.9



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: 3.638 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

Tgt Ion: 70 Resp: 18145

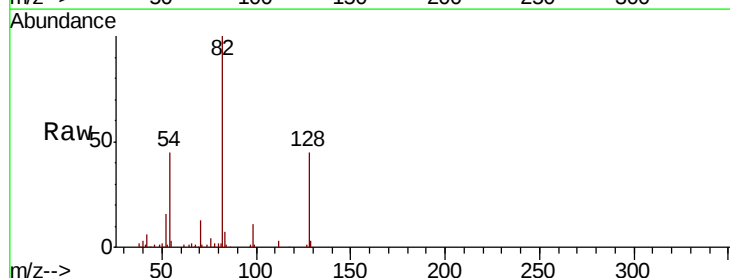
Ion Ratio Lower Upper

70 100

42 48.1 40.9 61.3

101 0.0 7.9 11.9#

130 0.0 16.9 25.3#

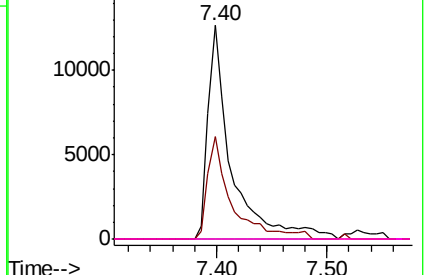
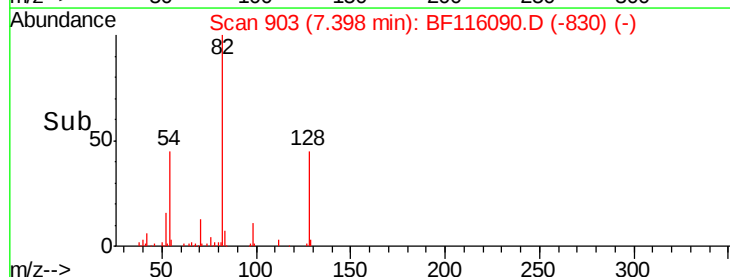


Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1025

Delta R.T. -0.01 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 445687

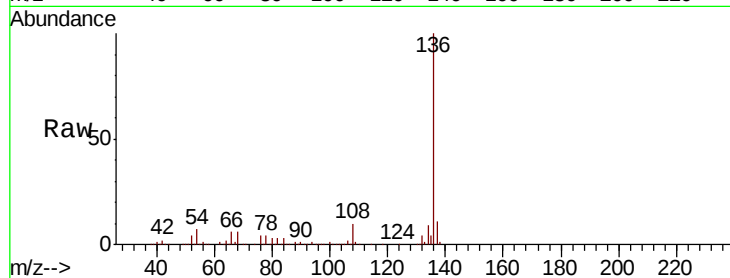
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.2 5.8 8.6

68 6.1 5.2 7.8

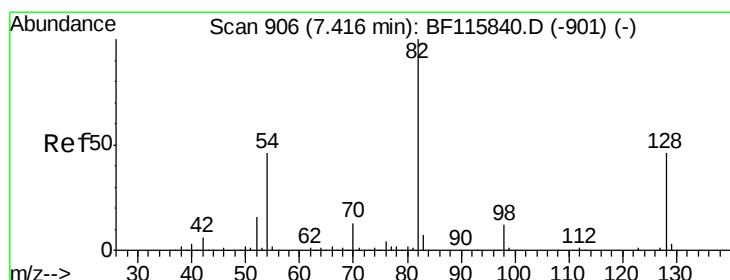
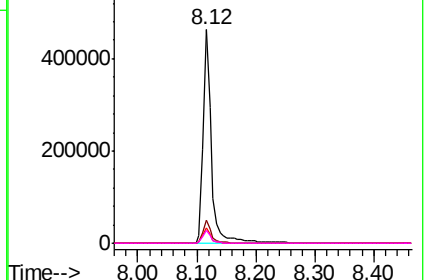
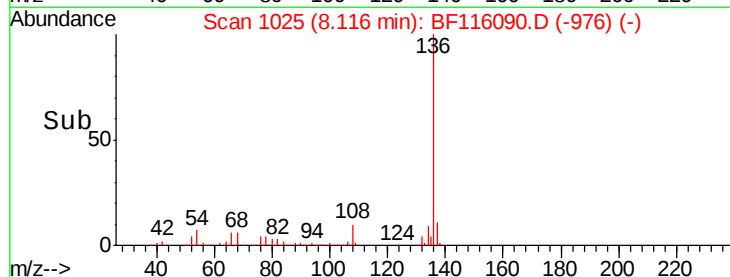


Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.284 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

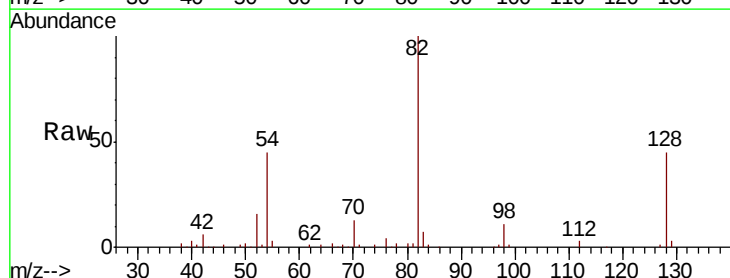
Tgt Ion: 82 Resp: 141175

Ion Ratio Lower Upper

82 100

128 44.8 36.5 54.7

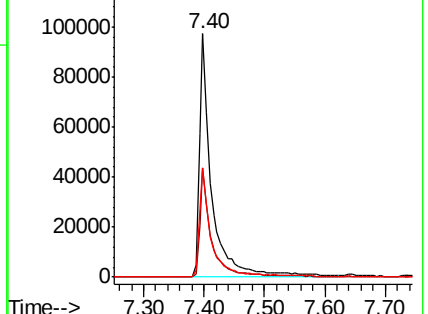
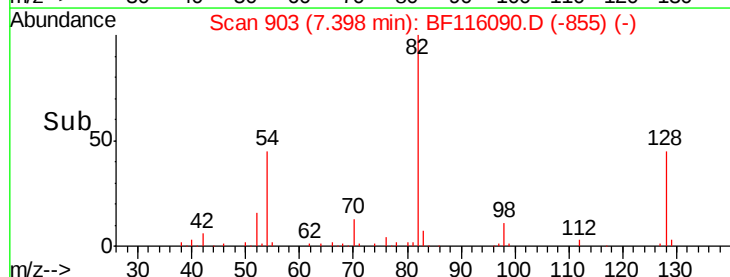
54 44.9 36.0 54.0



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: 9.562 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

Instrument :

BNA_F

ClientSampleId :

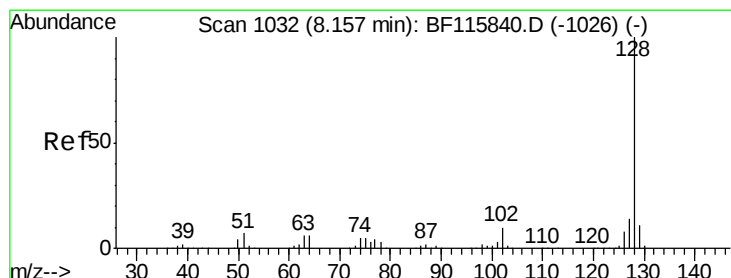
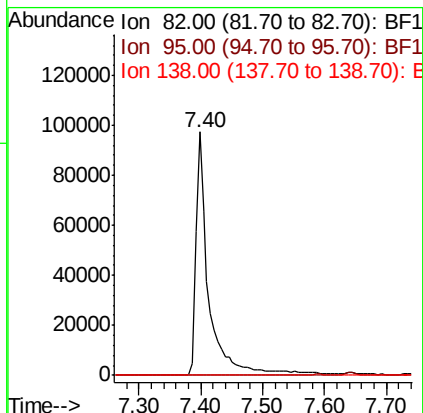
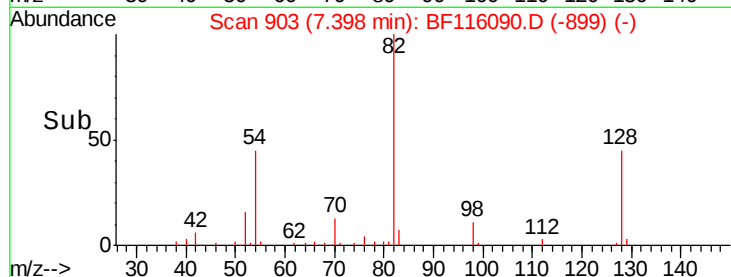
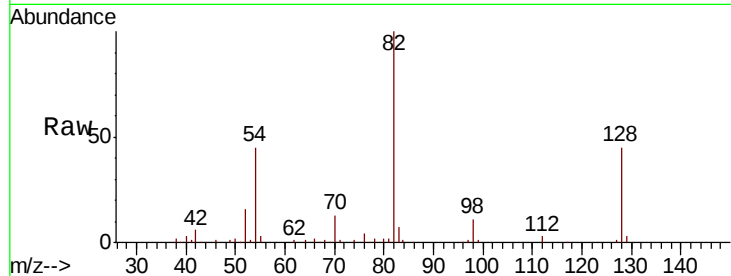
Tot Ion: 82 Resp: 141174

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



#31

Naphthalene

Concen: 2.040 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

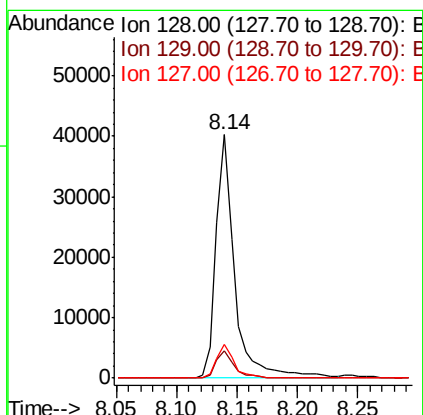
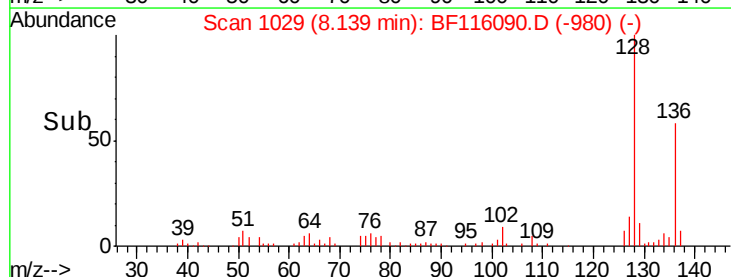
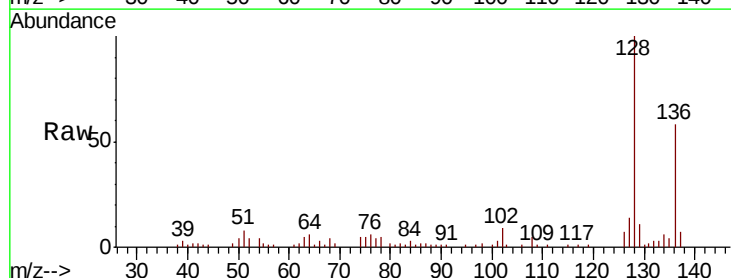
Tgt Ion: 128 Resp: 42789

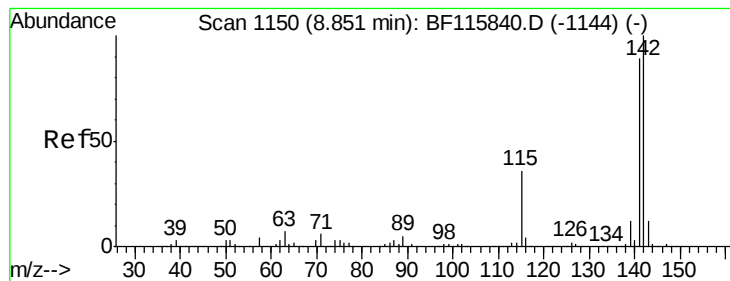
Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

127 13.7 11.4 17.0

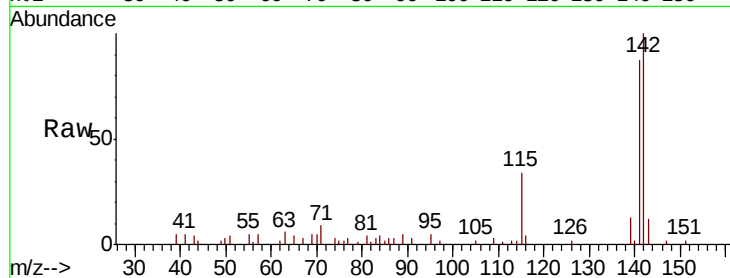




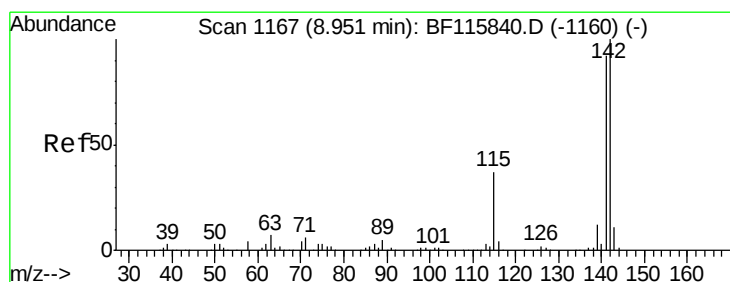
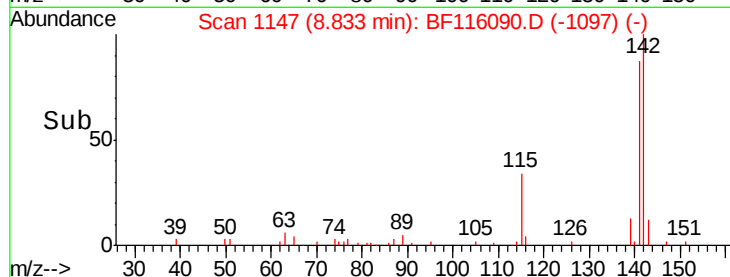
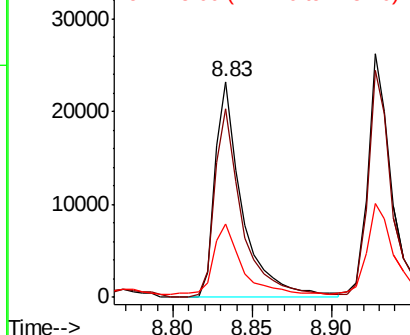
#37
2-Methylnaphthalene
Concen: 2.010 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 27759
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3
115 34.0 29.0 43.6

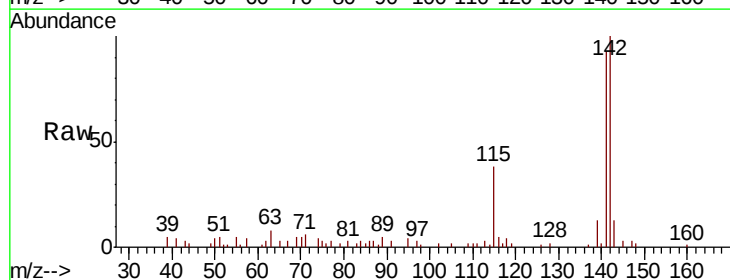


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

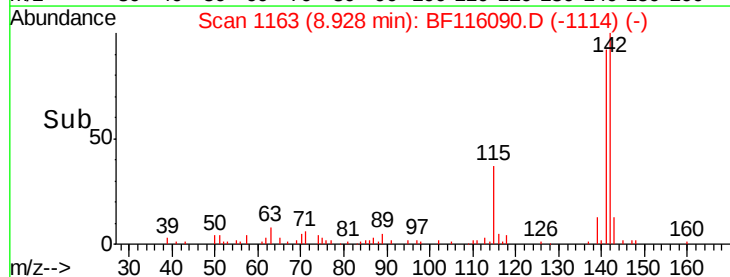
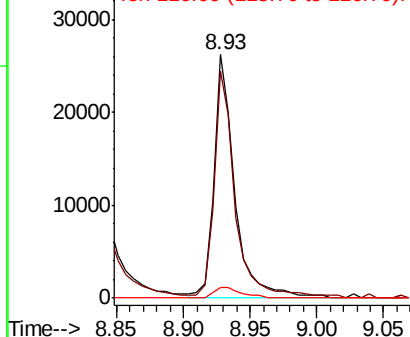


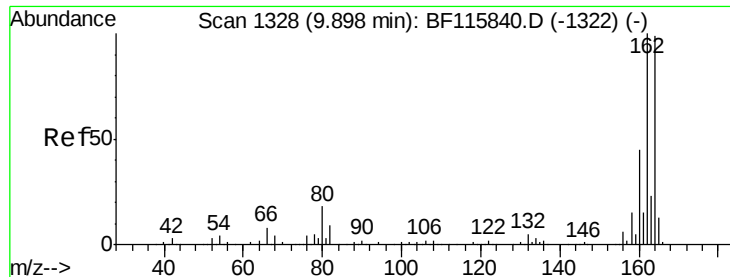
#38
1-Methylnaphthalene
Concen: 2.214 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Tgt Ion:142 Resp: 28934
Ion Ratio Lower Upper
142 100
141 93.1 74.4 111.6
116 4.5 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

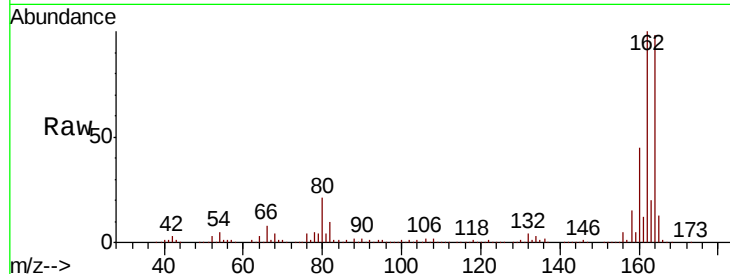




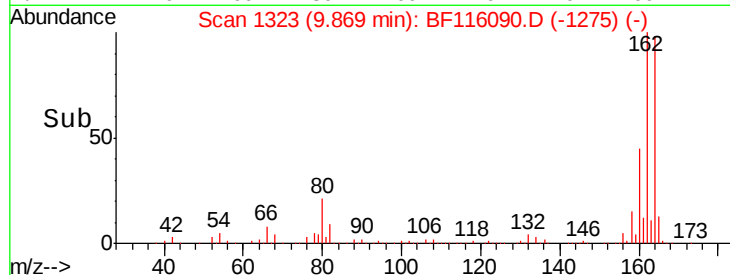
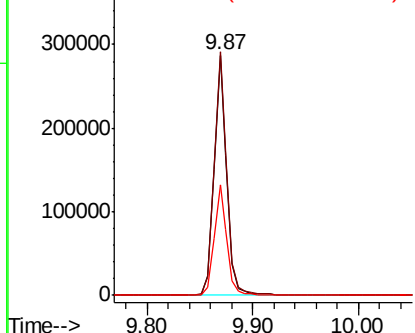
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 244593
Ion Ratio Lower Upper
164 100
162 101.5 82.6 124.0
160 45.9 37.6 56.4

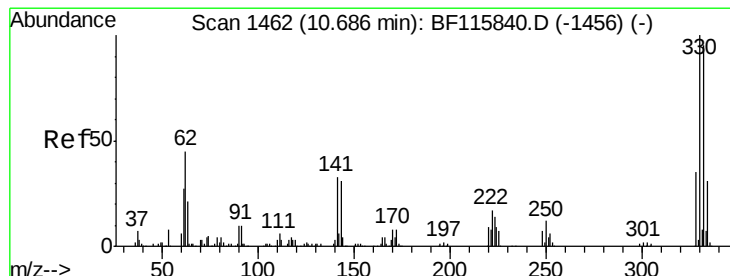


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

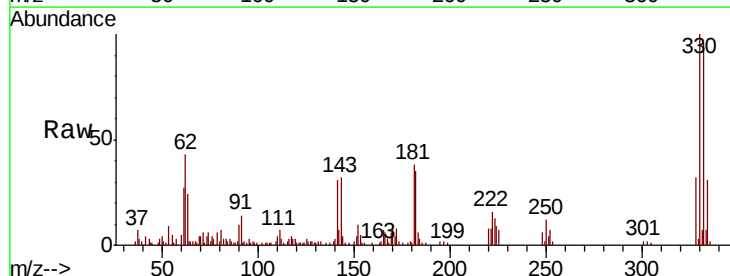
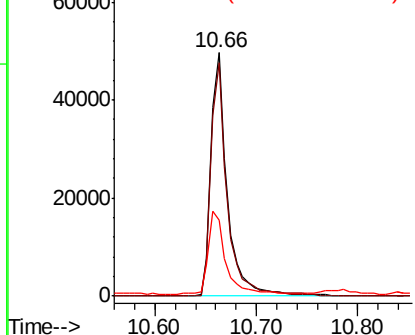


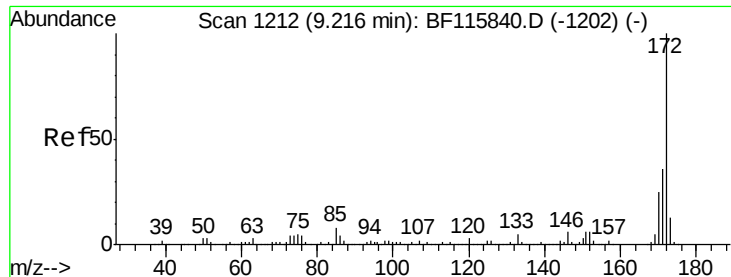
#42
2,4,6-Tribromophenol
Concen: 23.739 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Tgt Ion:330 Resp: 56295
Ion Ratio Lower Upper
330 100
332 94.6 76.8 115.2
141 36.4 26.3 39.5



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

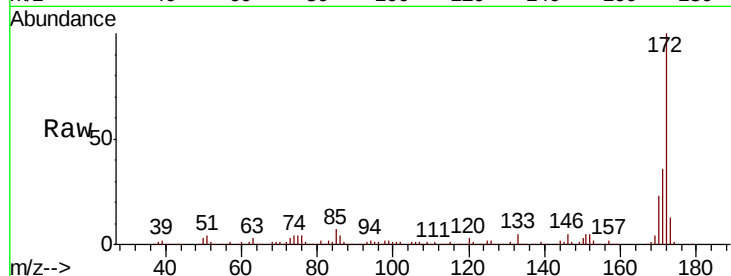




#45
 2-Fluorobiphenyl
 Concen: 22.209 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116090.D
 Acq: 9 Aug 2019 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	20.1	30.1

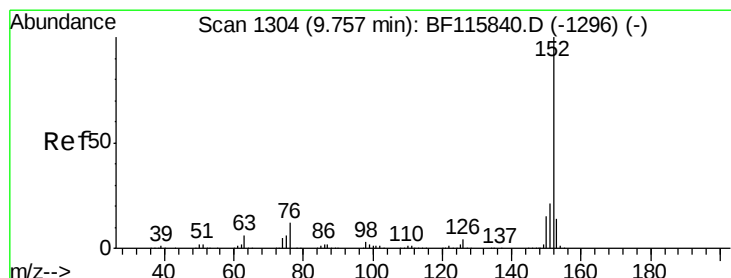
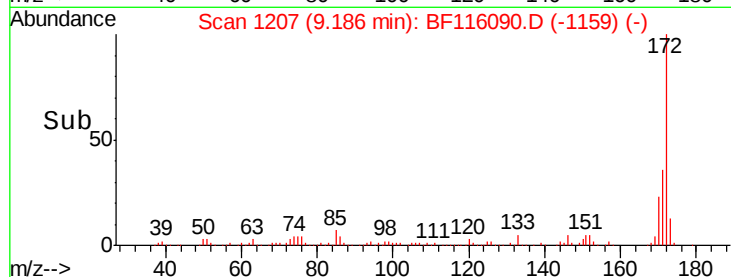
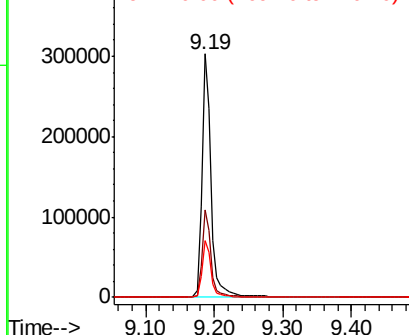


Abundance

Ion 172.00 (171.70 to 172.70): E

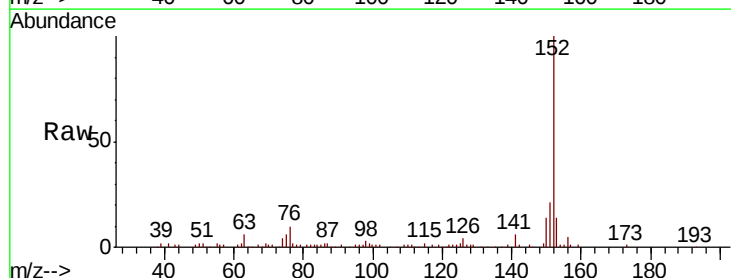
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
 Acenaphthylene
 Concen: 4.748 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF116090.D
 Acq: 9 Aug 2019 1:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	14.4	11.8	17.8

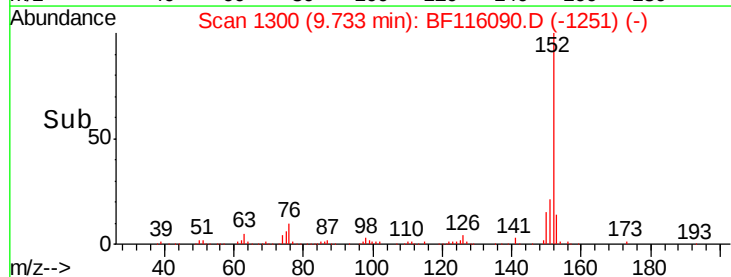
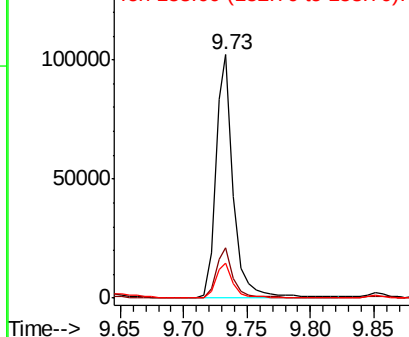


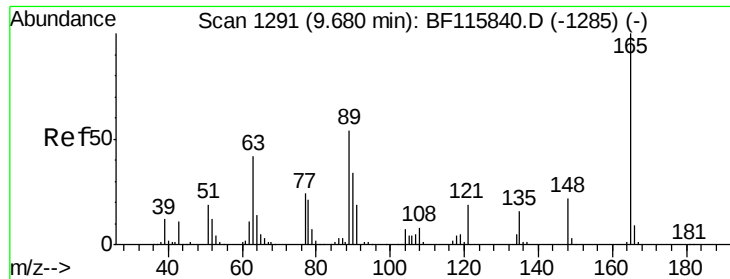
Abundance

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

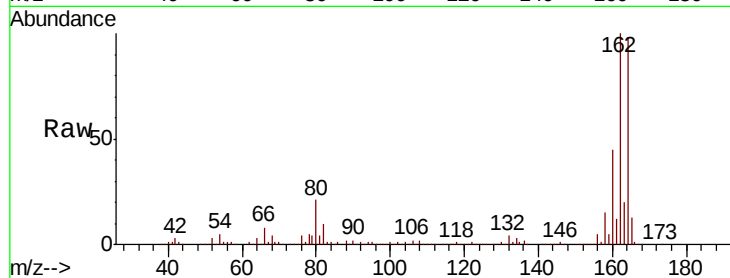




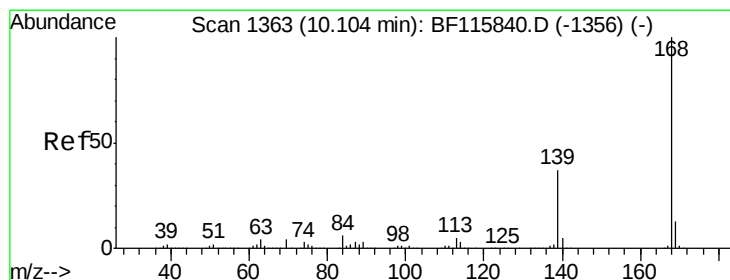
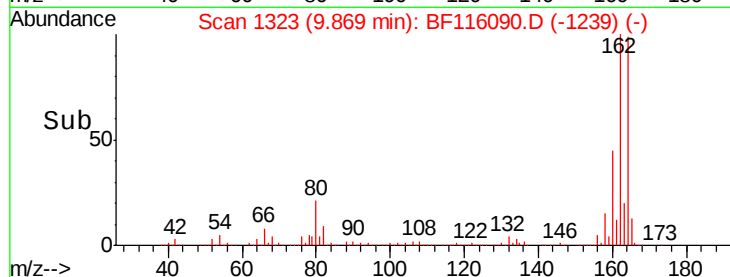
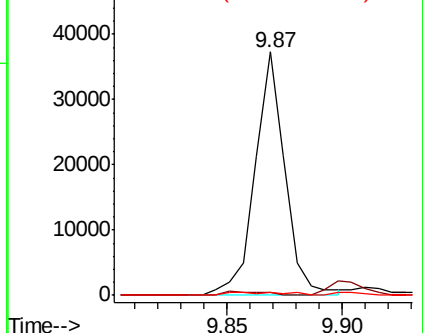
#51
 2,6-Dinitrotoluene
 Concen: 9.354 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116090.D
 Acq: 9 Aug 2019 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.5	42.9	64.3#

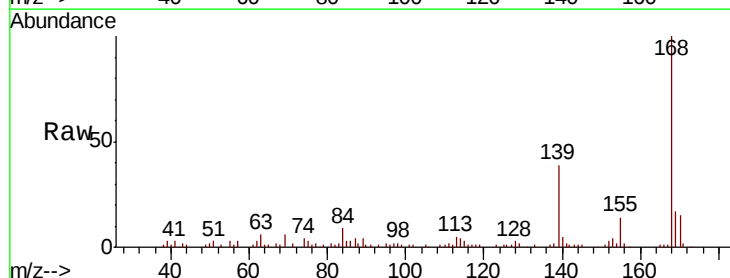


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

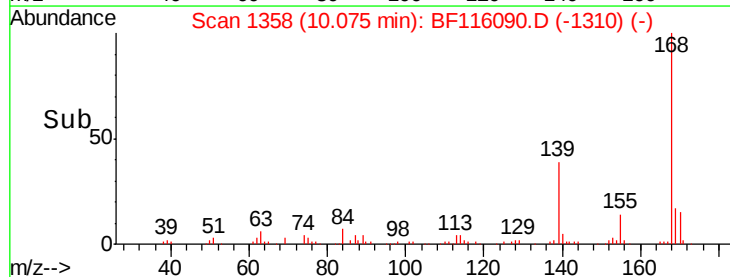
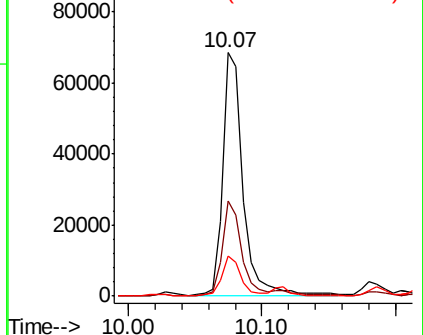


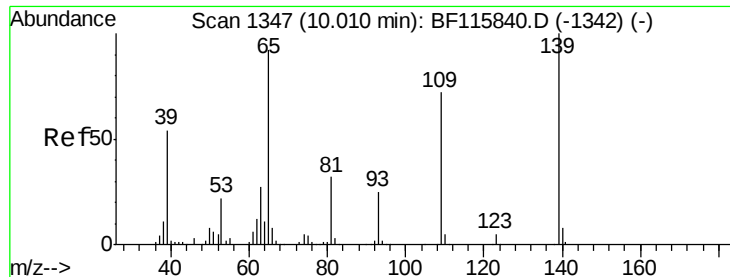
#55
 Dibenzofuran
 Concen: 3.980 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BF116090.D
 Acq: 9 Aug 2019 1:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.4	47.2
169	16.6	10.9	16.3#



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

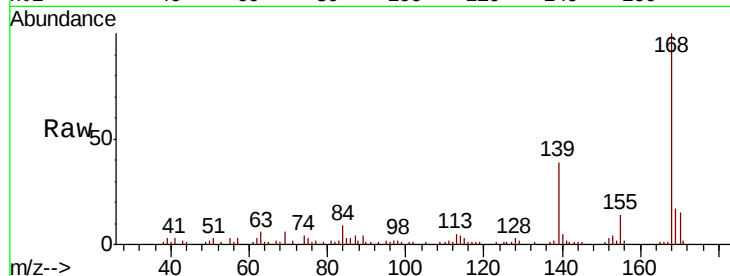




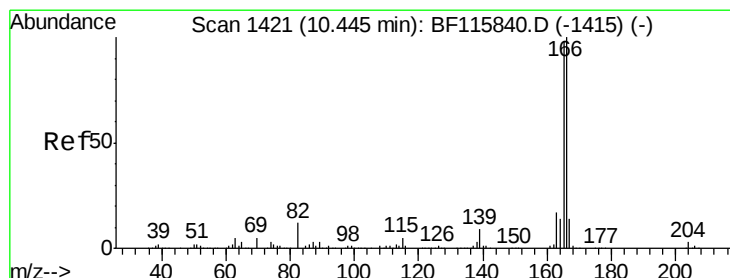
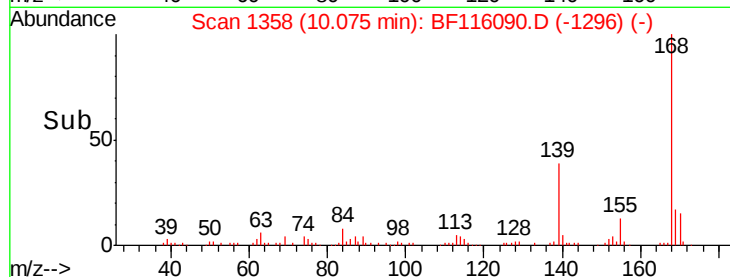
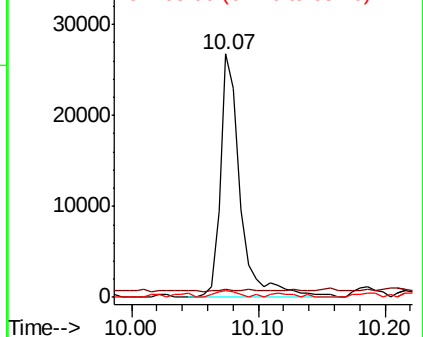
#56
4-Nitrophenol
Concen: 10.293 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.06 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	3.4	54.4	94.4#
65	2.6	80.6	120.6#

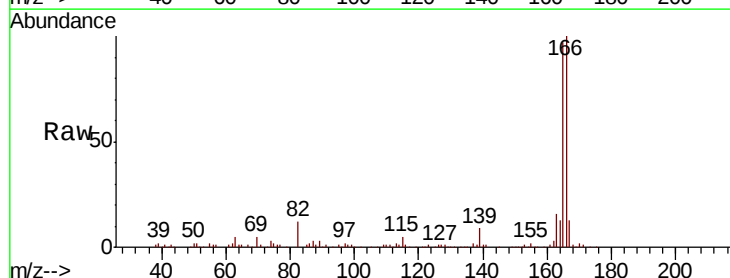


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

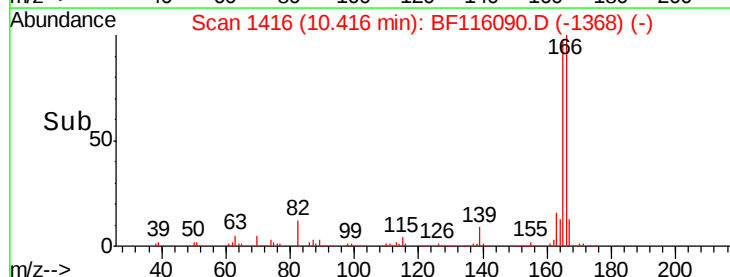
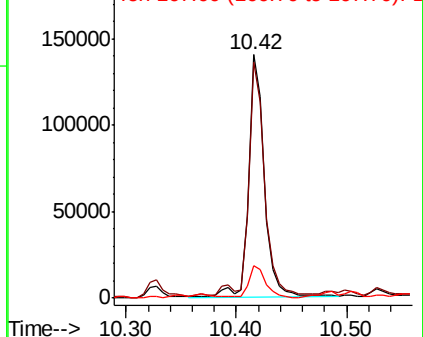


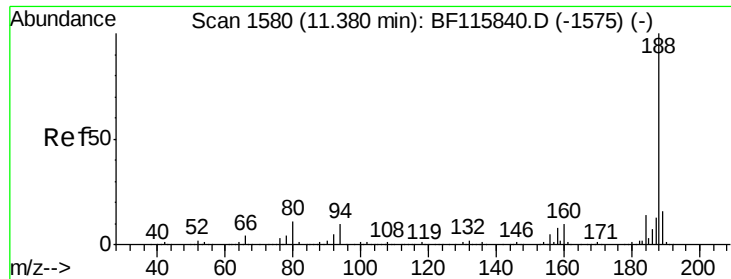
#58
Fluorene
Concen: 9.904 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.4	117.6
167	13.4	11.0	16.4



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

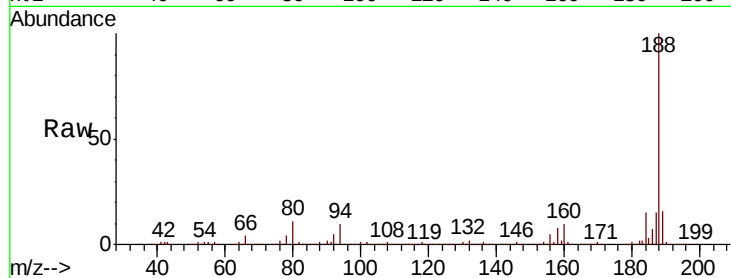




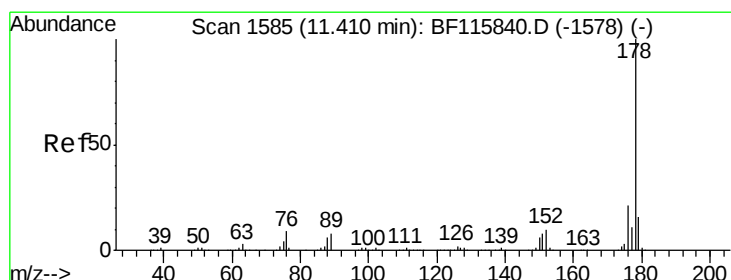
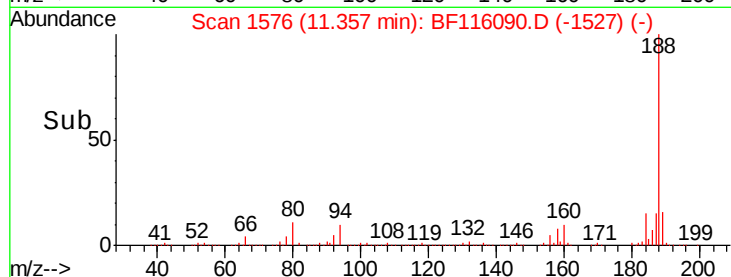
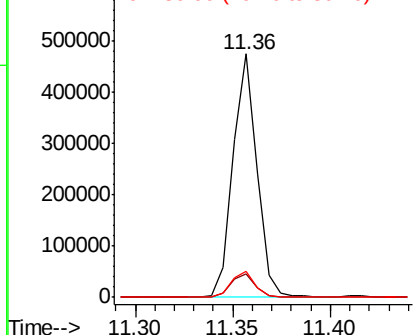
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 403599
Ion Ratio Lower Upper
188 100
94 9.5 8.1 12.1
80 10.6 8.7 13.1

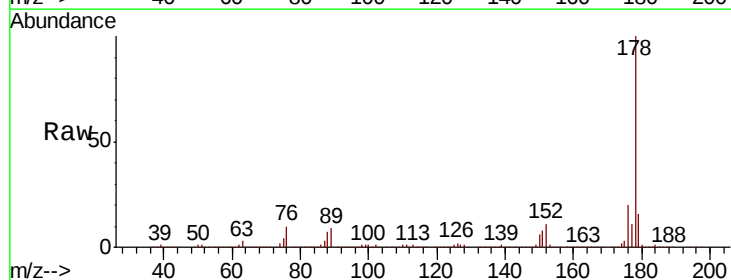


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

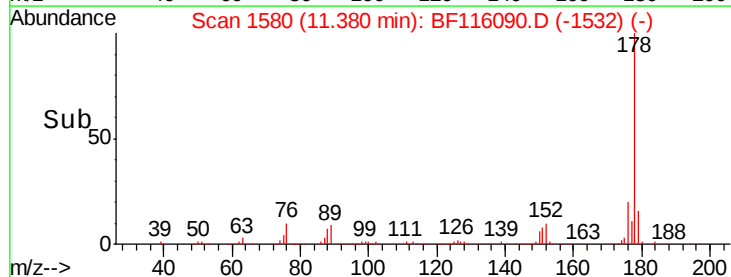
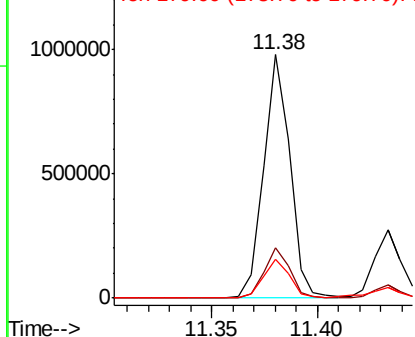


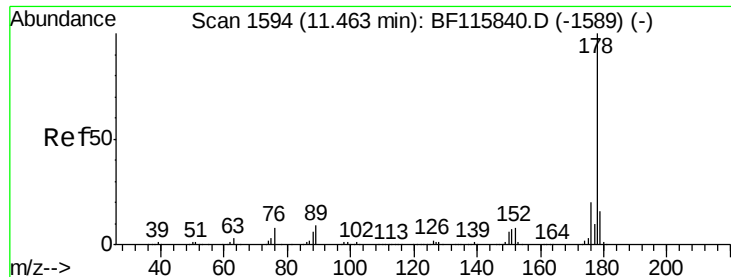
#71
Phenanthrene
Concen: 41.197 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Tgt Ion:178 Resp: 850002
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 16.1 12.5 18.7



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: 12.620 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

Instrument :

BNA_F

ClientSampleId :

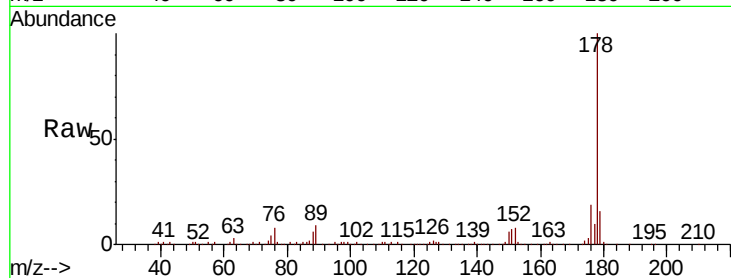
Tot Ion:178 Resp: 263525

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

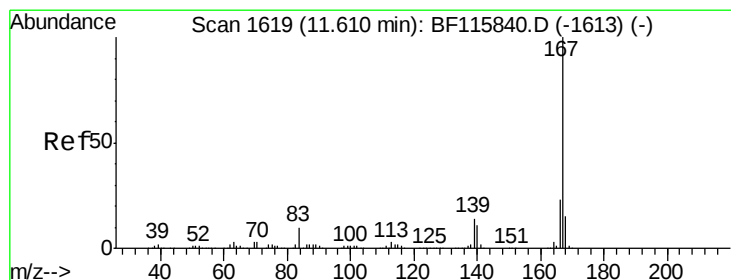
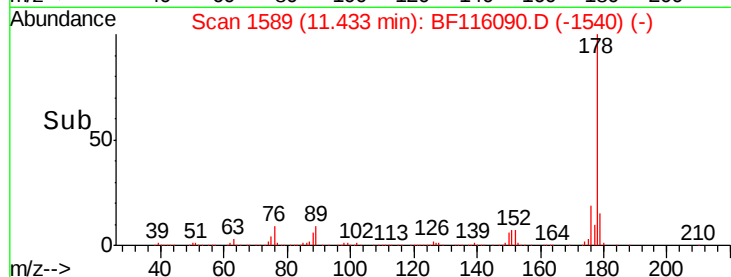
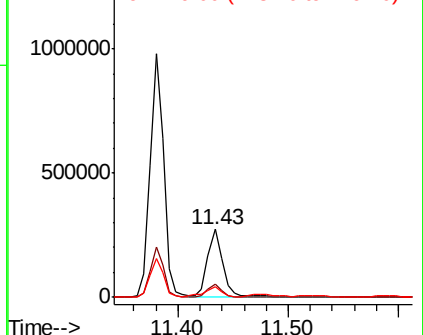
179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 4.299 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

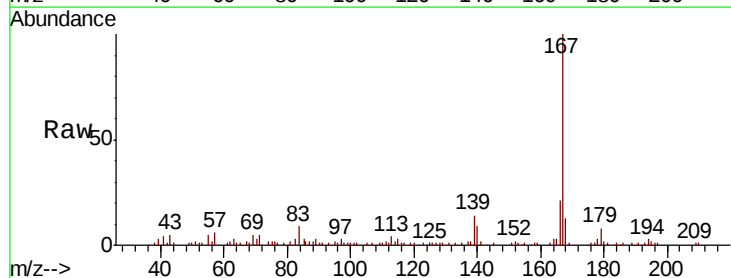
Tgt Ion:167 Resp: 81449

Ion Ratio Lower Upper

167 100

166 21.2 17.8 26.6

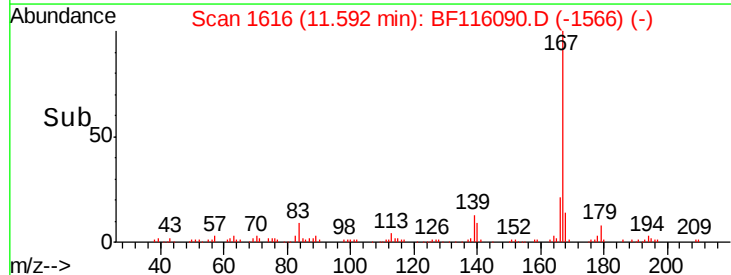
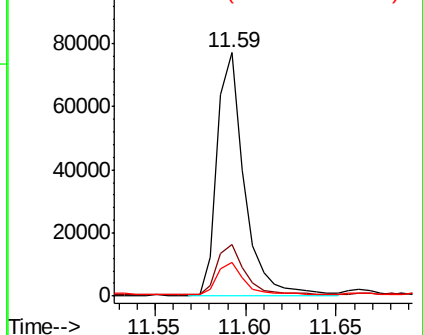
139 13.7 11.4 17.0

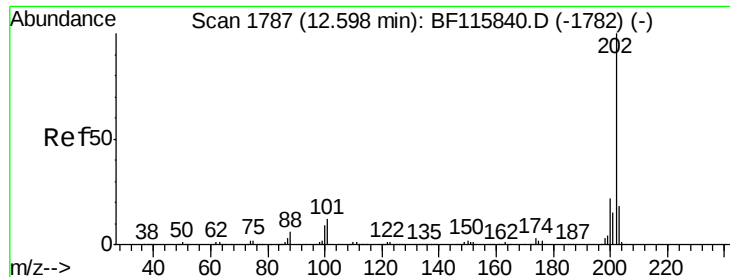


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 44.244 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

Instrument :

BNA_F

ClientSampled :

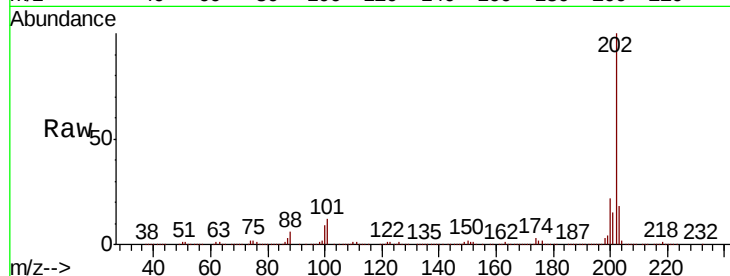
Tot Ion:202 Resp: 955694

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.2

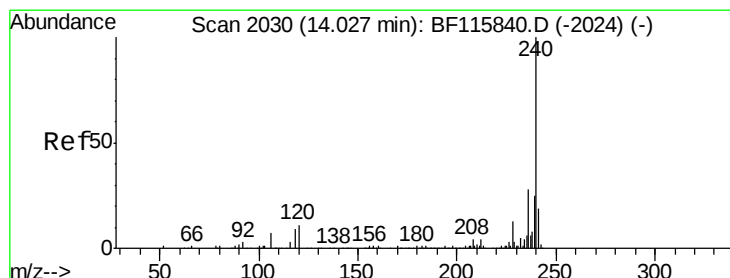
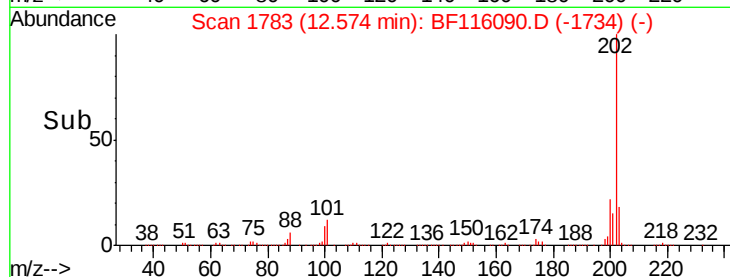
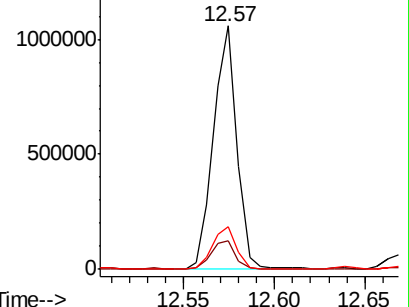
203 17.7 0.0 37.8



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

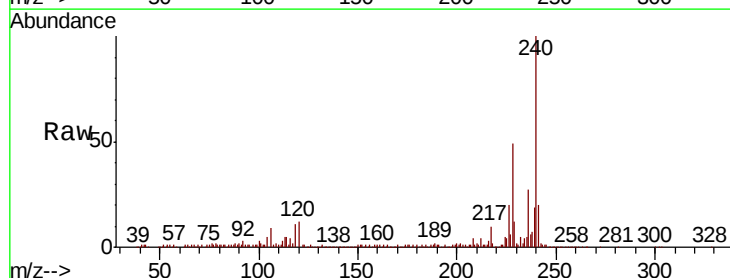
Tgt Ion:240 Resp: 240980

Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

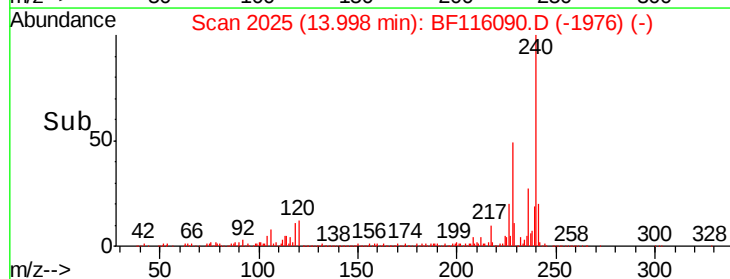
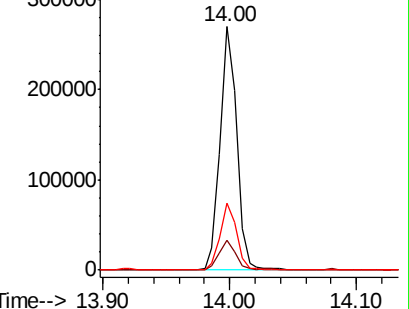
236 27.3 22.2 33.2

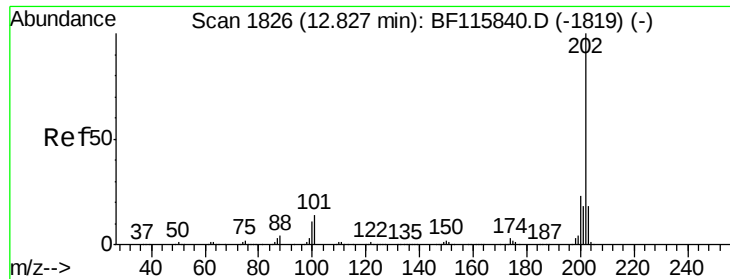


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

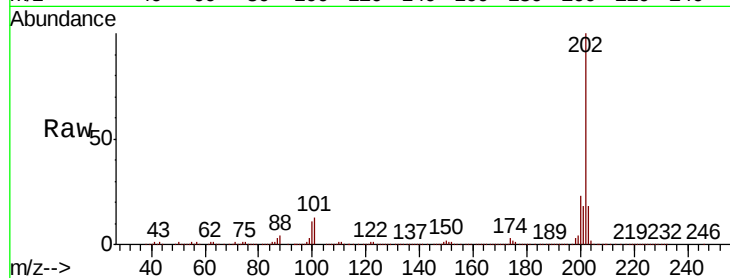




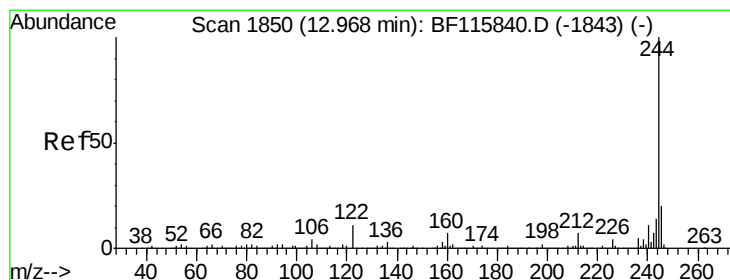
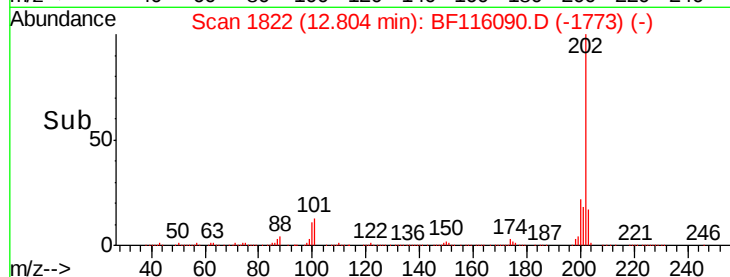
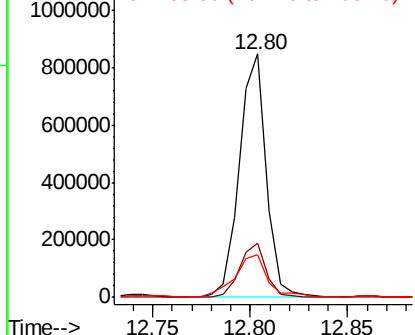
#78
Pvrene
Concen: 44.341 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 805466
Ion Ratio Lower Upper
202 100
200 22.5 18.0 27.0
203 17.8 14.1 21.1

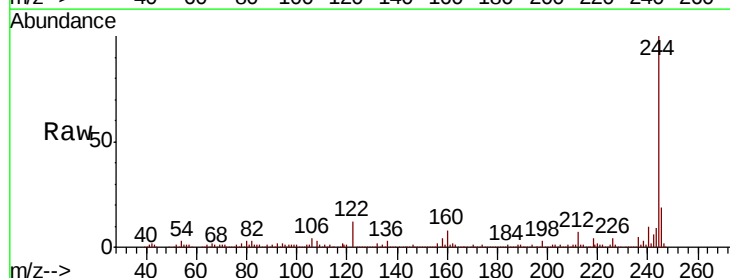


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

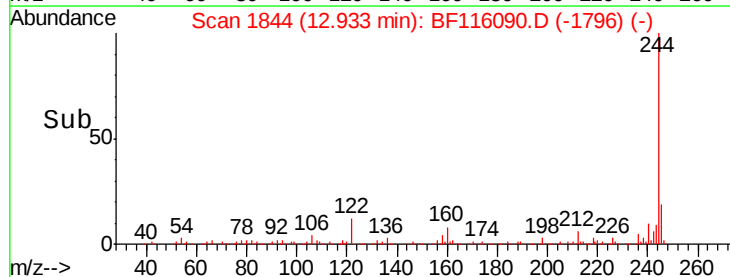
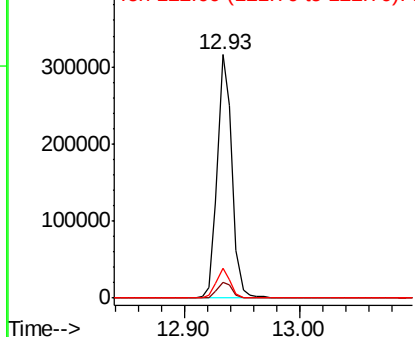


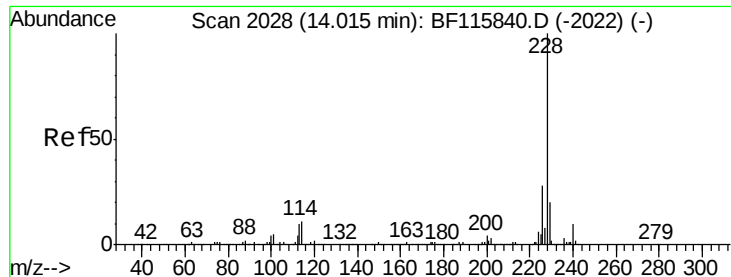
#79
Terphenyl-d14
Concen: 24.434 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Tgt Ion:244 Resp: 279427
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 12.1 9.0 13.4



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





#81

Benzo(a)anthracene

Concen: 25.865 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

Instrument :

BNA_F

ClientSampleId :

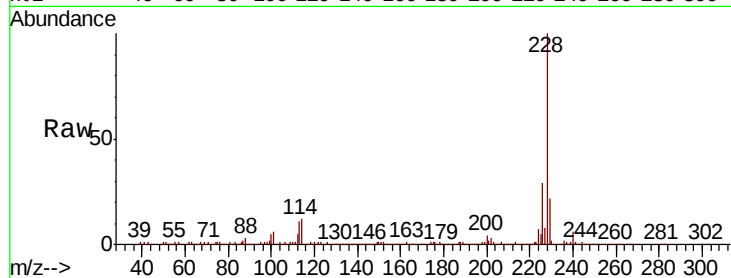
Tot Ion:228 Resp: 398395

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

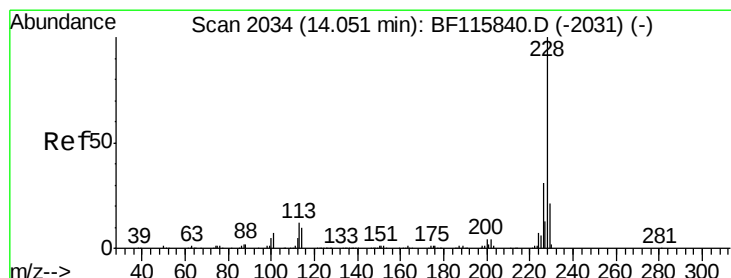
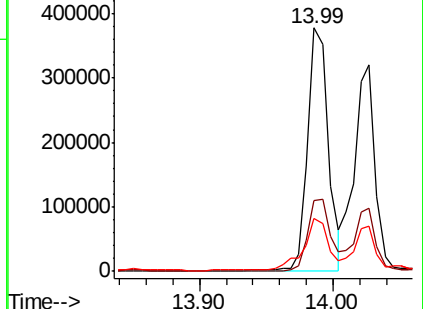
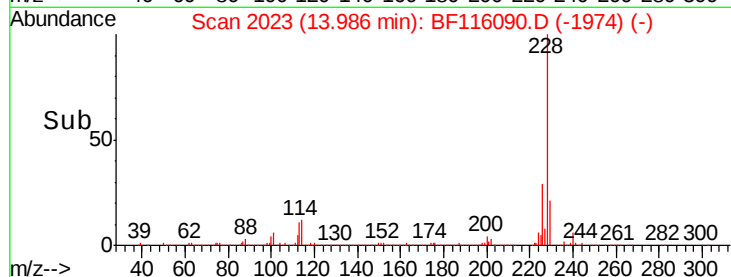
229 21.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 23.327 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

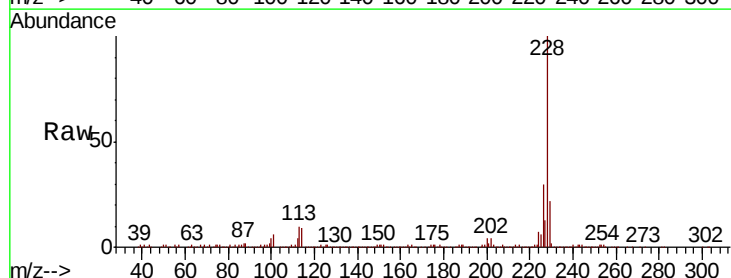
Tgt Ion:228 Resp: 348817

Ion Ratio Lower Upper

228 100

226 30.4 25.5 38.3

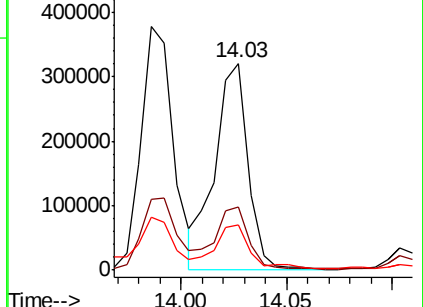
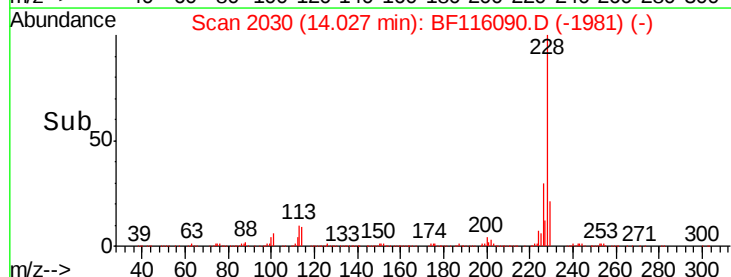
229 21.8 16.6 24.8

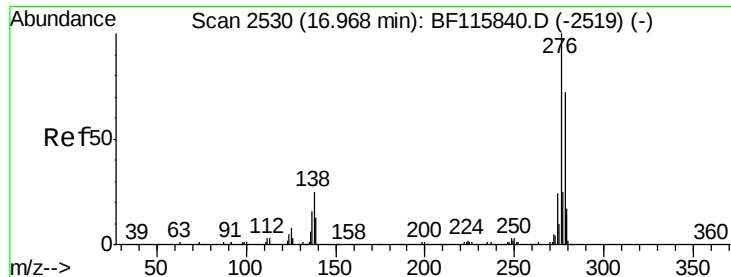


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

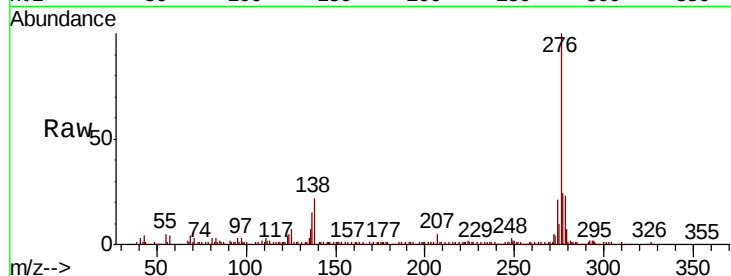




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 13.367 ng
 RT: 16.93 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BF116090.D
 Acq: 9 Aug 2019 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	20.4	30.6
277	23.4	20.0	30.0

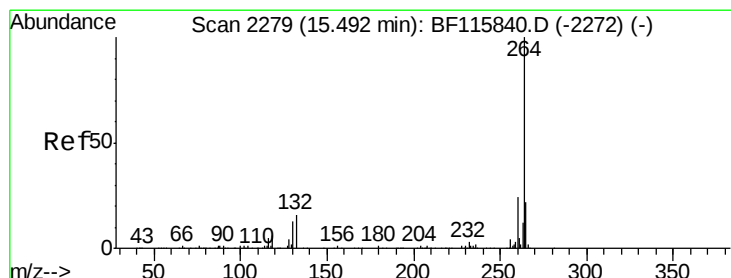
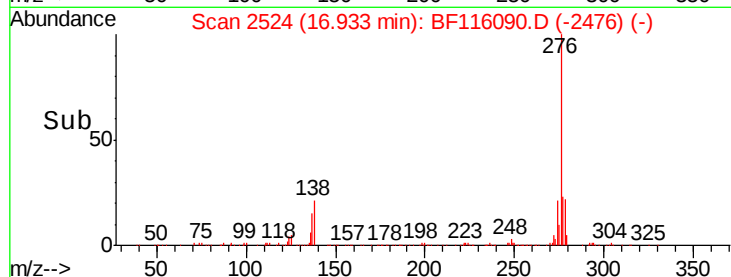
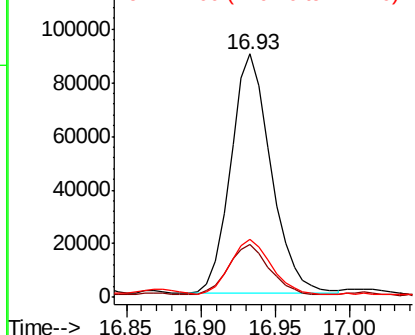


Abundance

Ion 276.00 (275.70 to 276.70): E

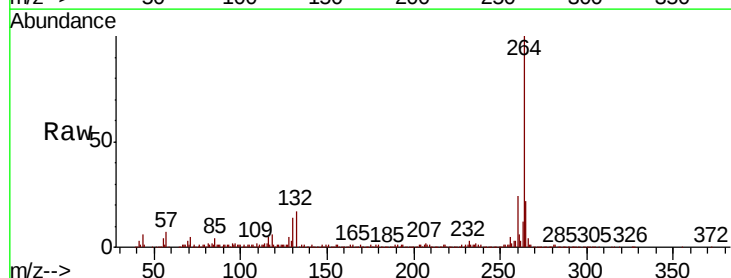
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116090.D
 Acq: 9 Aug 2019 1:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.5	17.4	26.0

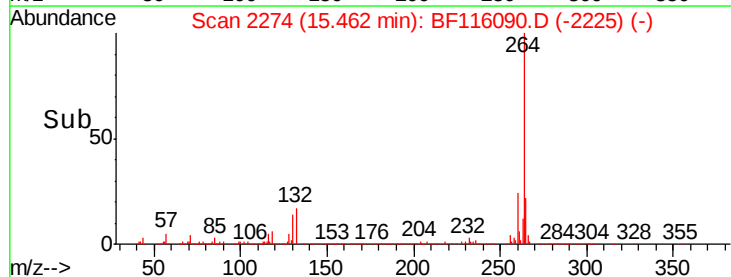
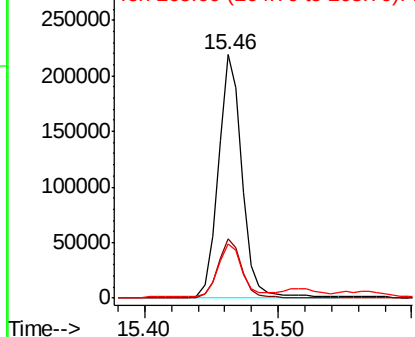


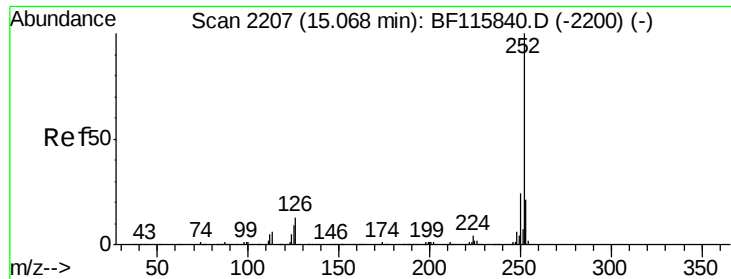
Abundance

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

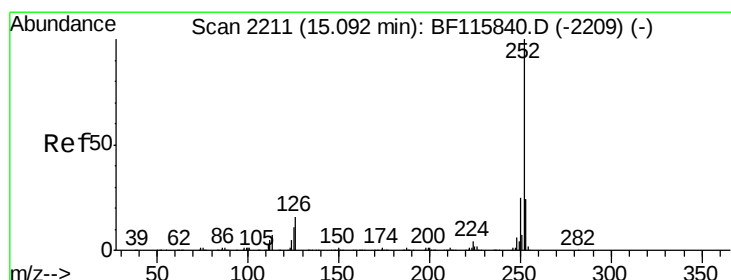
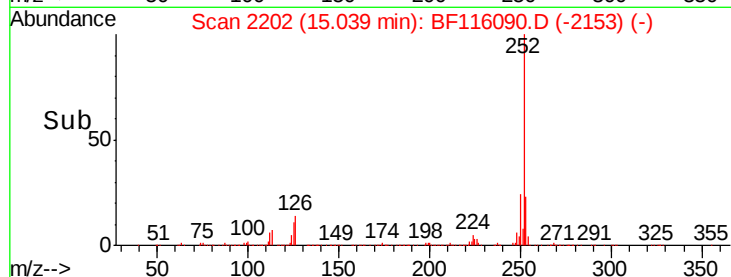
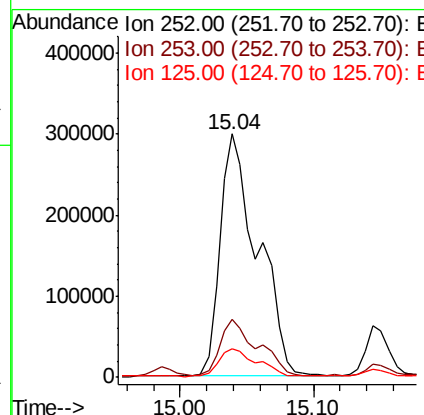
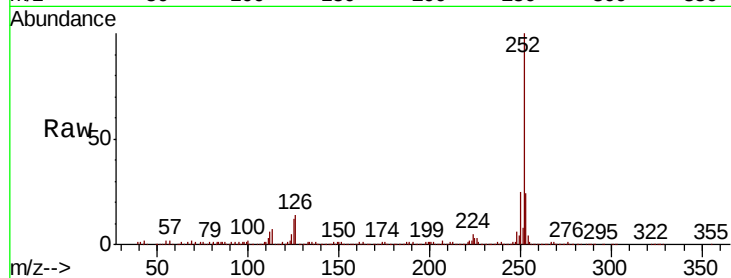




#88
Benzo(b)fluoranthene
Concen: 37.404 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

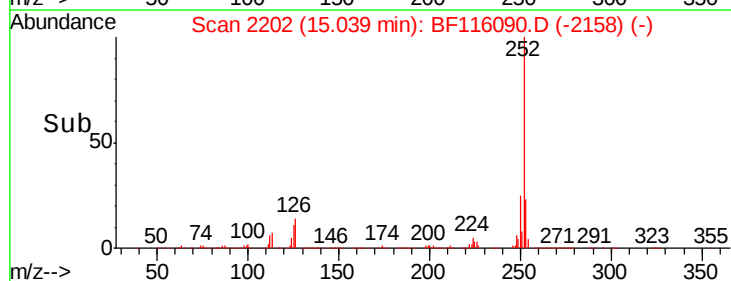
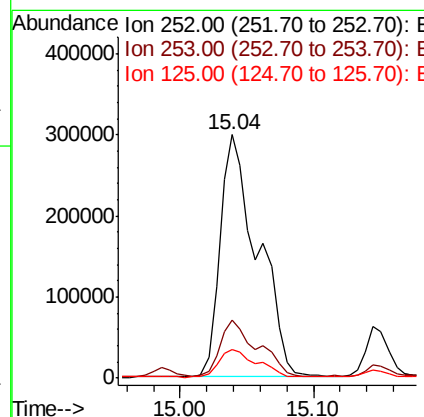
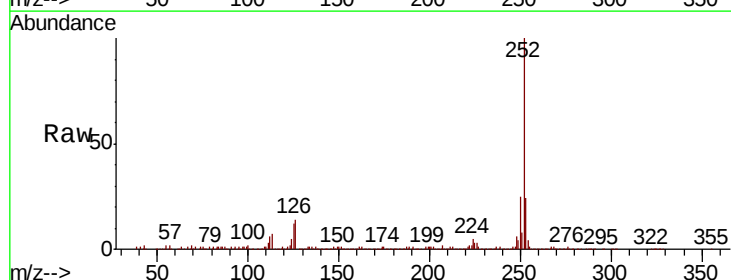
Instrument :
BNA_F
ClientSampleId :

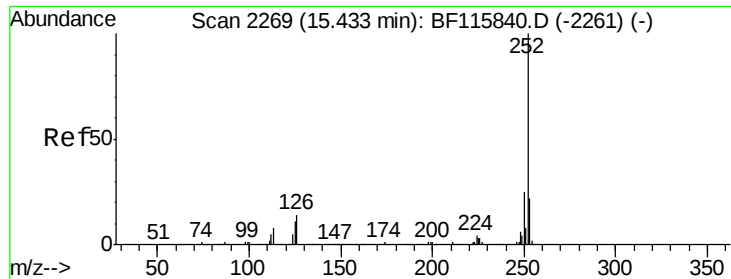
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	11.7	8.4	12.6



#89
Benzo(k)fluoranthene
Concen: 38.402 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	11.7	7.7	11.5#

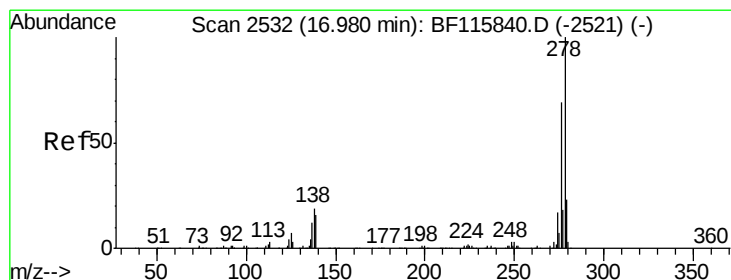
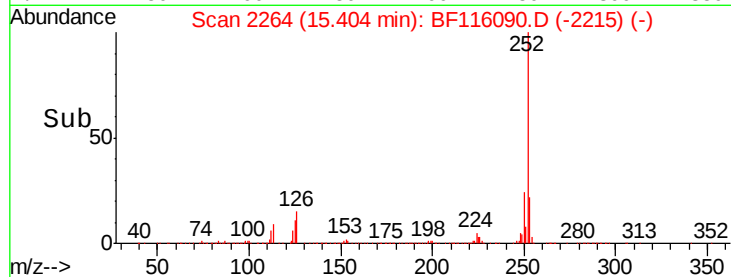
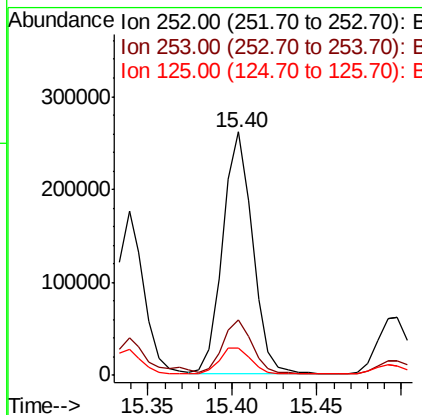
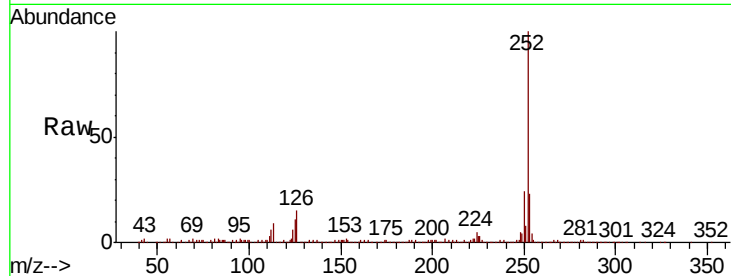




#90
Benzo(a)pyrene
Concen: 22.903 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

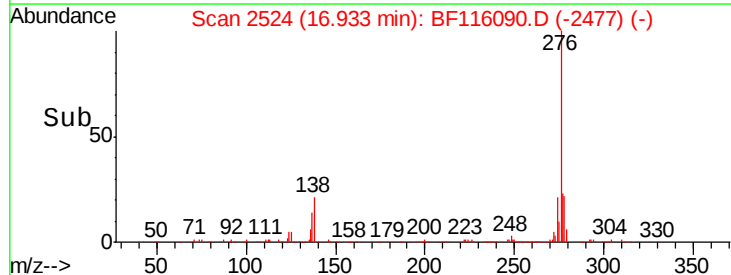
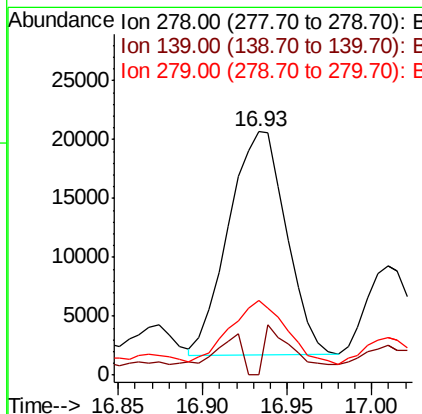
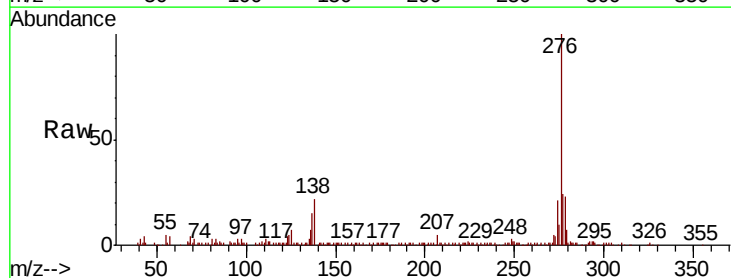
Instrument :
BNA_F
ClientSampleId :

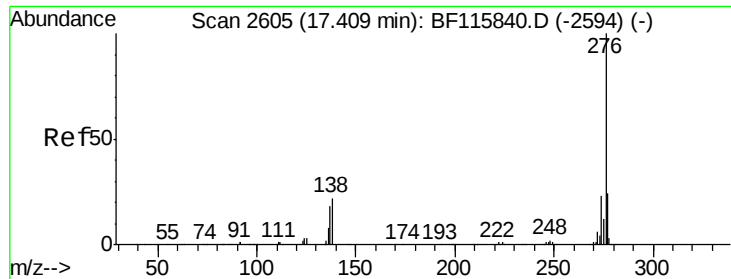
Tot Ion:252 Resp: 321249
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.5 8.9 13.3



#91
Dibenzo(a,h)anthracene
Concen: 3.687 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF116090.D
Acq: 9 Aug 2019 1:38

Tgt Ion:278 Resp: 44768
Ion Ratio Lower Upper
278 100
139 0.0 12.8 19.2#
279 30.4 18.8 28.2#





#92

Benzo(a,h,i)perylene

Concen: 12.296 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BF116090.D

Acq: 9 Aug 2019 1:38

Instrument :

BNA_F

ClientSampleId :

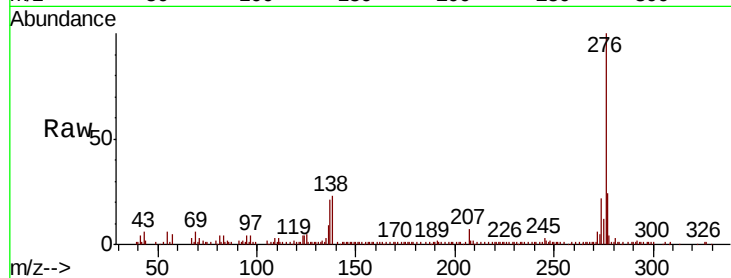
Tot Ion: 276 Resp: 146615

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 22.8 17.0 25.6



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

