

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116088.D
 Acq On : 9 Aug 2019 00:45
 Operator : HP/JU
 Sample : K4130-11DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:15:47 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	116863	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	499985	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	278126	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	506728	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	301365	20.00	ng	-0.01
87) Perylene-d12	15.46	264	327926	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	77191	11.06	ng	0.00
7) Phenol-d6	6.47	99	115143	13.07	ng	-0.01
23) Nitrobenzene-d5	7.40	82	69676	8.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	27620	10.24	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	150676	10.15	ng	-0.02
79) Terphenyl-d14	12.93	244	189765	13.27	ng	-0.02

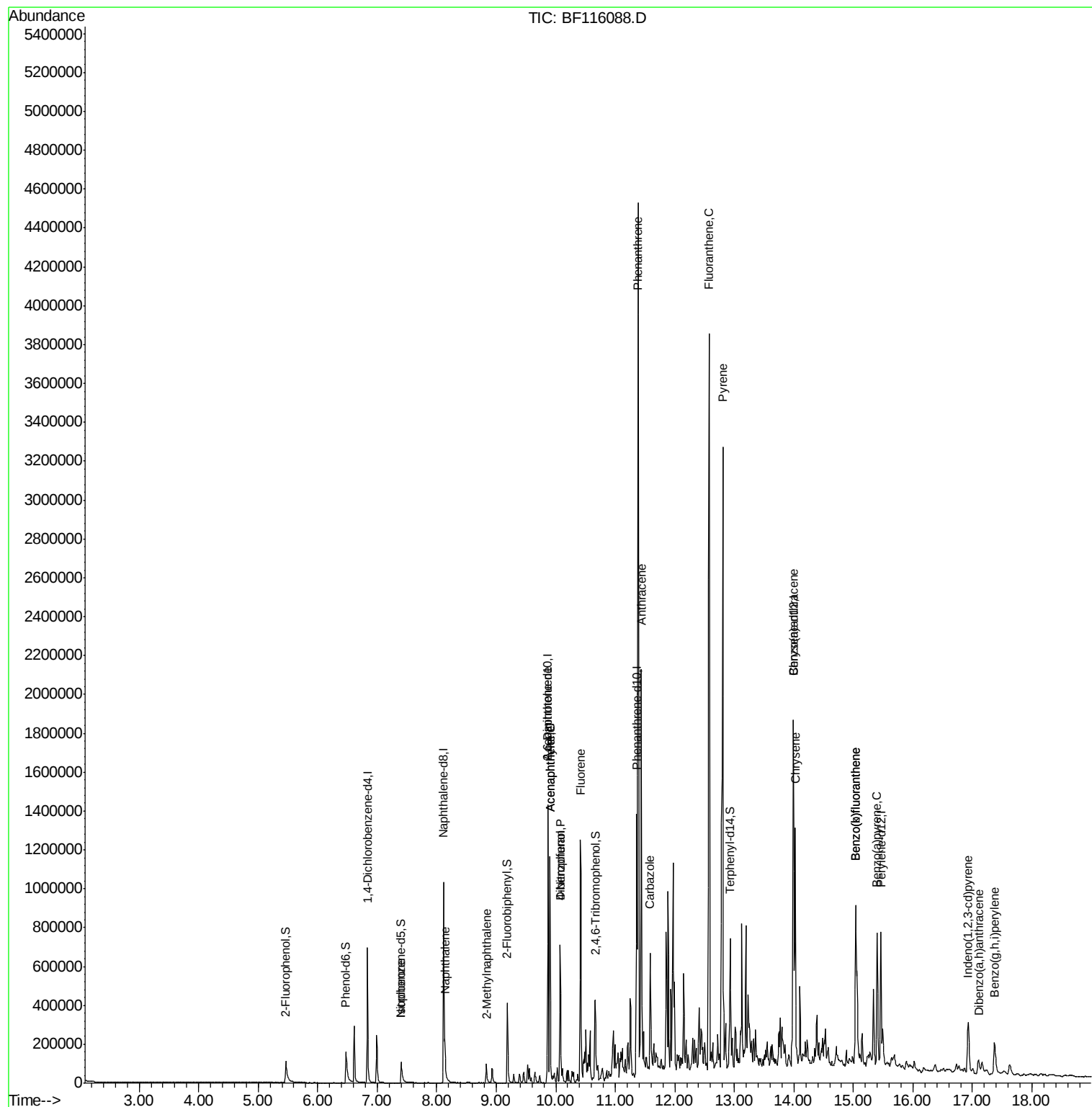
Target Compounds				Qvalue		
25) Isophorone	7.40	82	69676	4.207	ng	# 65
31) Naphthalene	8.14	128	95495	4.059	ng	98
37) 2-Methylnaphthalene	8.83	142	38863	2.508	ng	97
49) Acenaphthylene	9.90	152	138762	5.820	ng	# 1
51) 2,6-Dinitrotoluene	9.87	165	38987	9.473	ng	# 29
52) Acenaphthene	9.90	154	260274	17.794	ng	99
55) Dibenzofuran	10.07	168	264856	12.451	ng	97
56) 4-Nitrophenol	10.07	139	100377	30.814	ng	# 6
58) Fluorene	10.42	166	349552	21.359	ng	100
71) Phenanthrene	11.39	178	1983334	76.562	ng	98
72) Anthracene	11.43	178	773392	29.500	ng	100
73) Carbazole	11.59	167	223790	9.409	ng	99
75) Fluoranthene	12.57	202	1708095	62.983	ng	97
78) Pyrene	12.80	202	1407196	61.944	ng	99
81) Benzo(a)anthracene	13.99	228	582382	30.234	ng	98
83) Chrysene	14.02	228	463391	24.780	ng	96
86) Indeno(1,2,3-cd)pyrene	16.93	276	175044	11.145	ng	95
88) Benzo(b)fluoranthene	15.04	252	637024	33.596	ng	98
89) Benzo(k)fluoranthene	15.04	252	637024	34.493	ng	# 98
90) Benzo(a)pyrene	15.40	252	343652	20.275	ng	97
91) Dibenzo(a,h)anthracene	17.10	278	42480	2.895	ng	96
92) Benzo(g,h,i)perylene	17.37	276	143546	9.962	ng	97

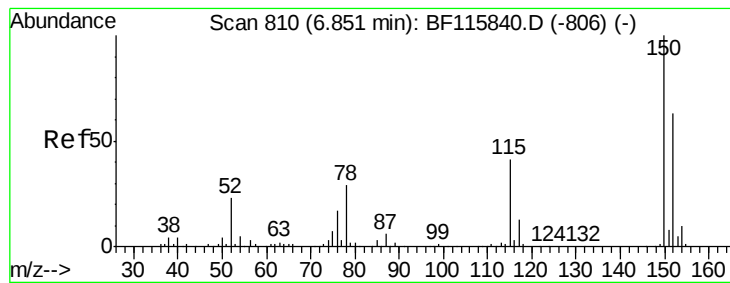
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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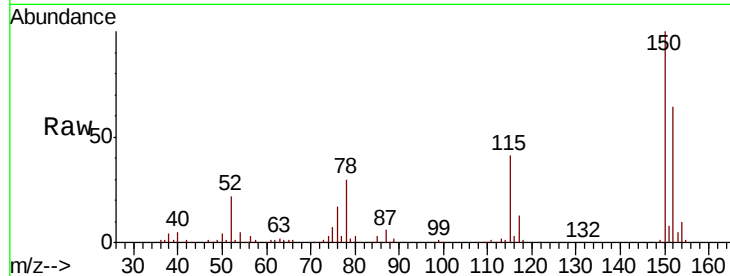


#1

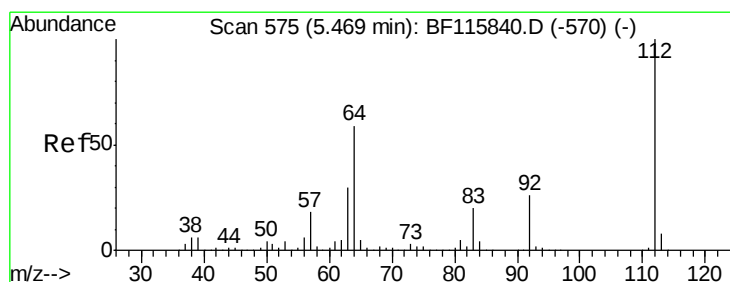
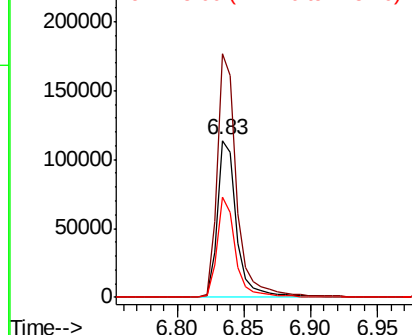
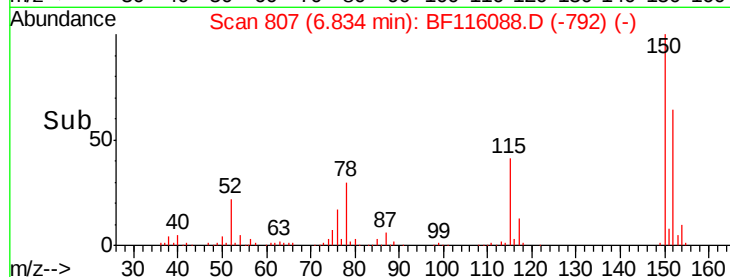
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116088.D
 Acq: 9 Aug 2019 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 116863
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.2
 115 64.0 49.9 74.9



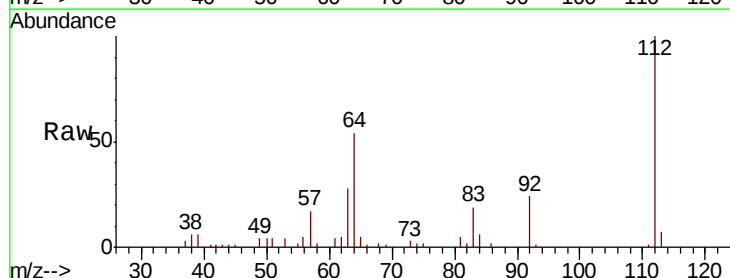
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



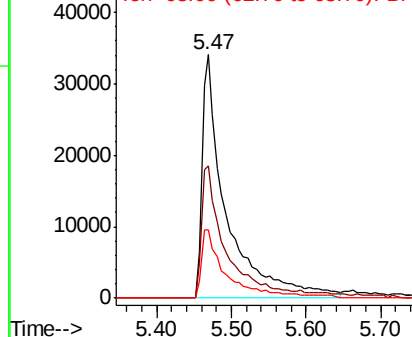
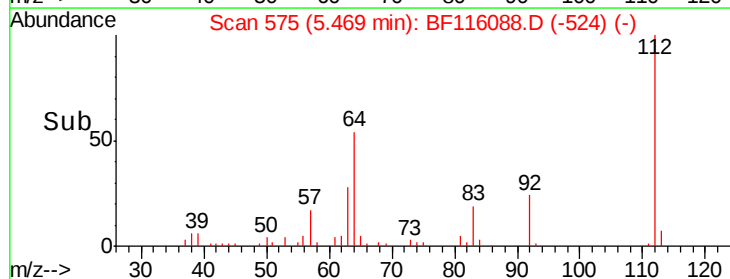
#5

2-Fluorophenol
 Concen: 11.058 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF116088.D
 Acq: 9 Aug 2019 00:45

Tgt Ion:112 Resp: 77191
 Ion Ratio Lower Upper
 112 100
 64 54.5 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: 13.073 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116088.D

Acq: 9 Aug 2019 00:45

Instrument :

BNA_F

ClientSampleId :

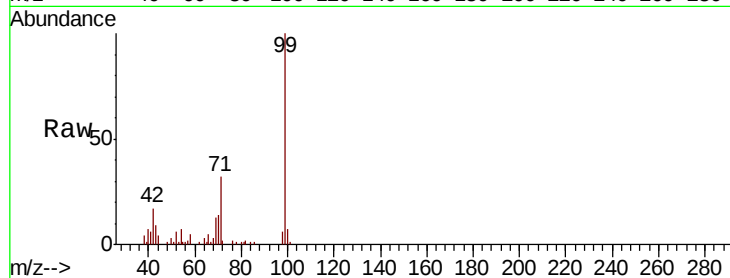
Tot Ion: 99 Resp: 115143

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

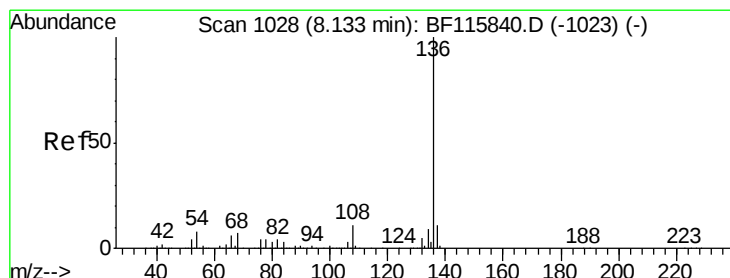
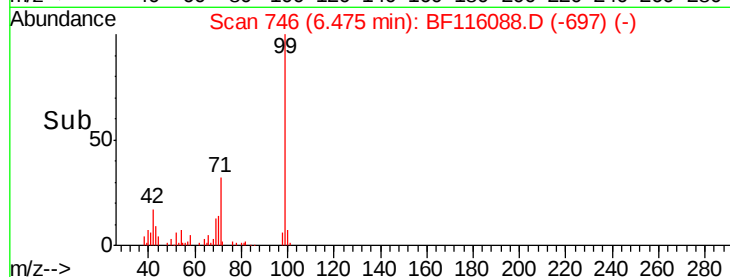
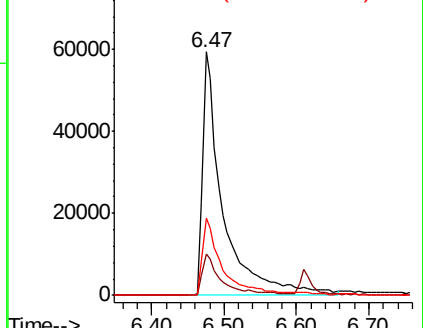
71 32.0 27.3 40.9



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116088.D

Acq: 9 Aug 2019 00:45

Tgt Ion: 136 Resp: 499985

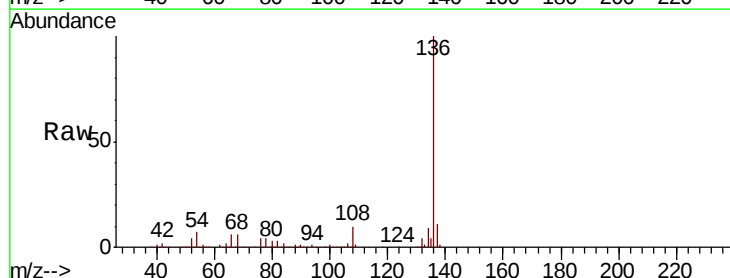
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.0 5.8 8.6

68 6.1 5.2 7.8

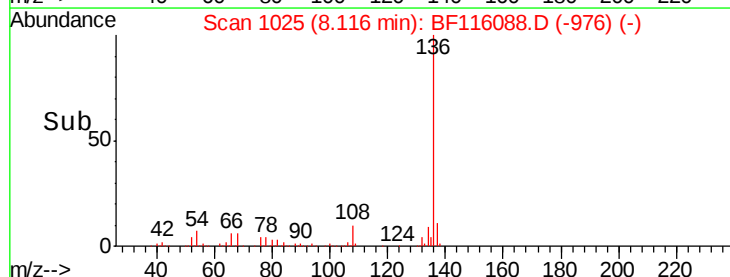
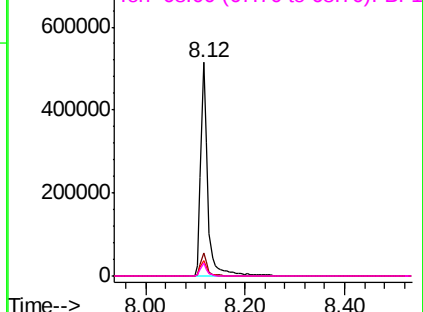


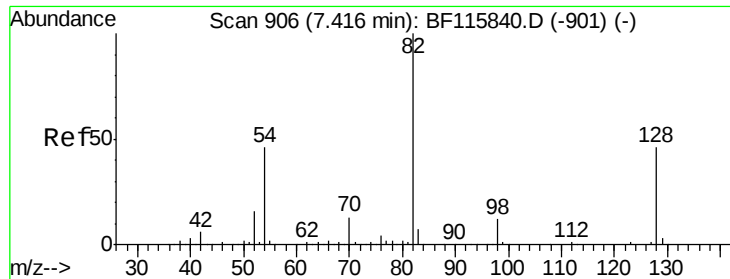
Abundance Ion 136.00 (135.70 to 136.70): E

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

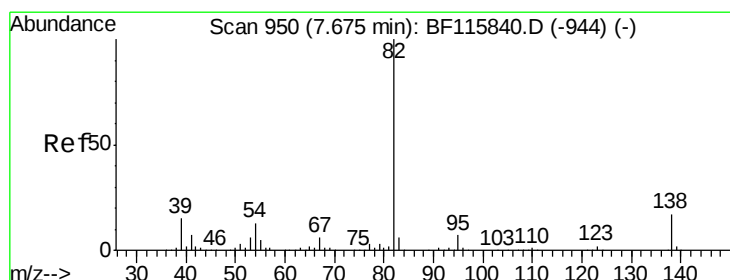
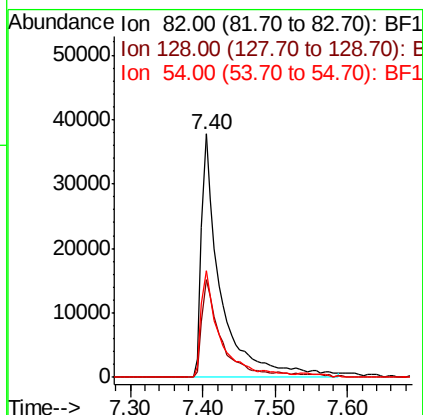
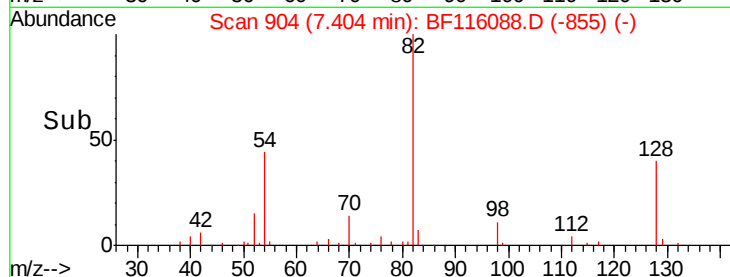
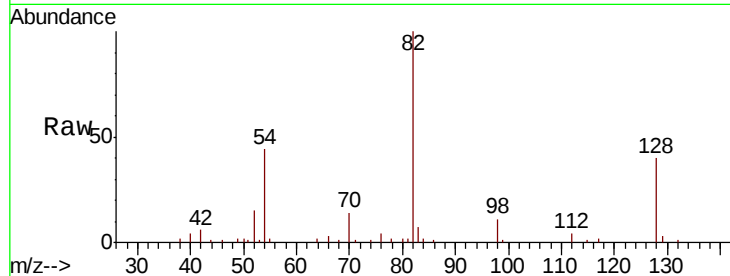




#23
Nitrobenzene-d5
Concen: 8.044 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

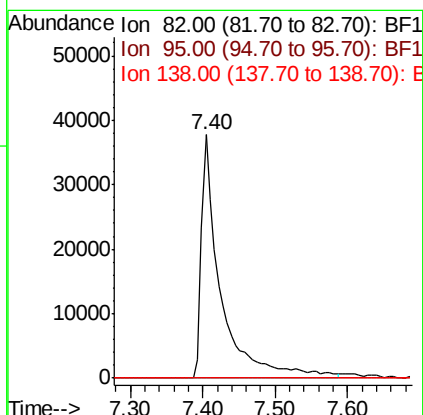
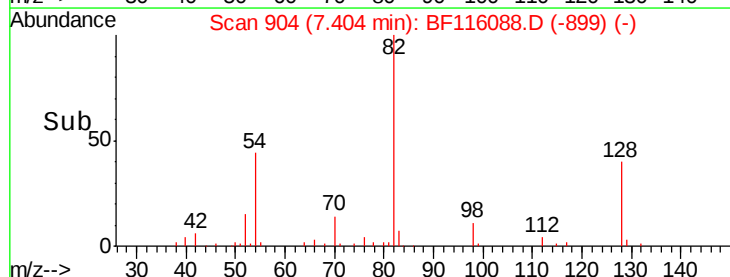
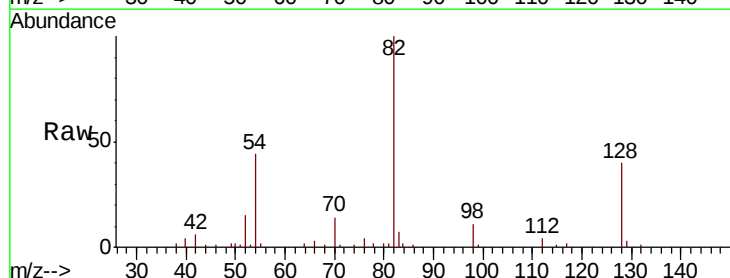
Instrument :
BNA_F
ClientSampleId :

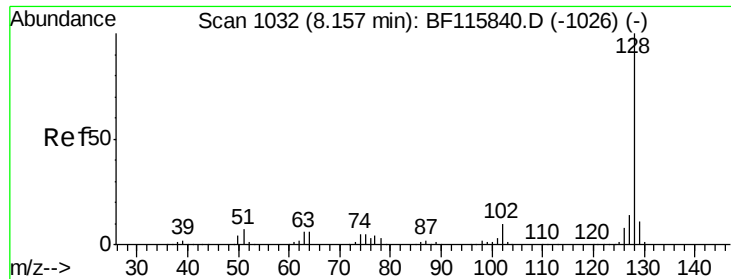
Tot Ion: 82 Resp: 69676
Ion Ratio Lower Upper
82 100
128 40.3 36.5 54.7
54 44.0 36.0 54.0



#25
Isophorone
Concen: 4.207 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Tgt Ion: 82 Resp: 69676
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#

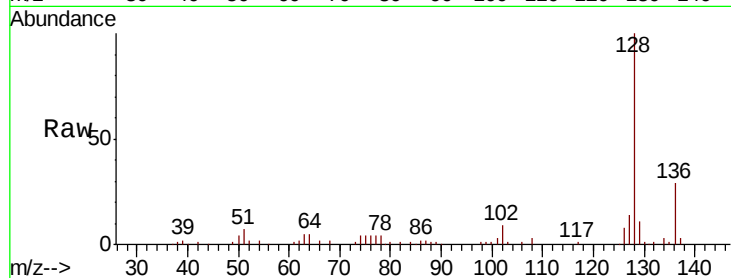




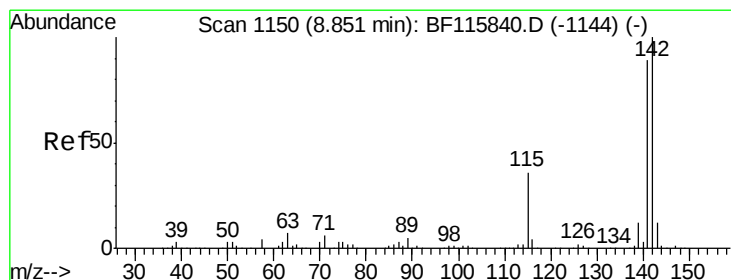
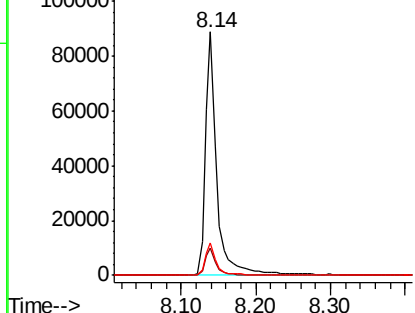
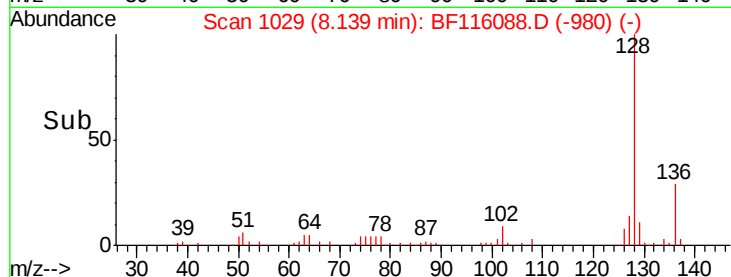
#31
Naphthalene
Concen: 4.059 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 95495
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.5 11.4 17.0

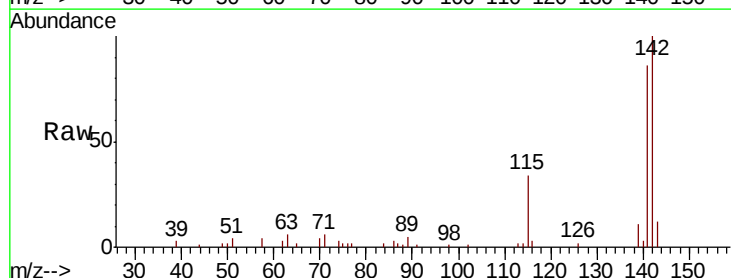


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

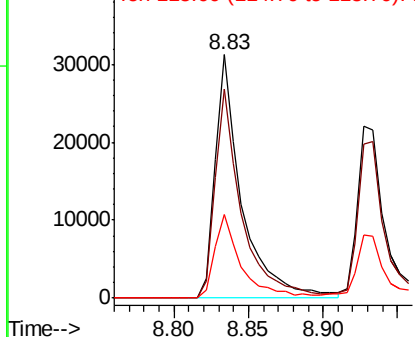
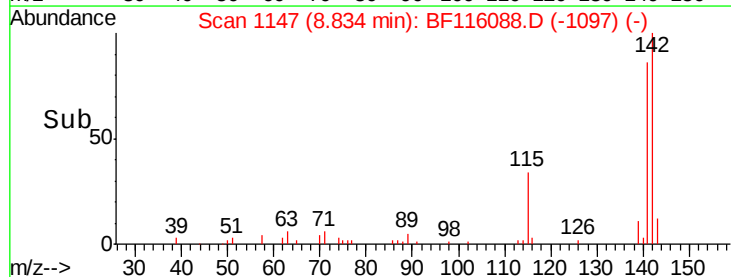


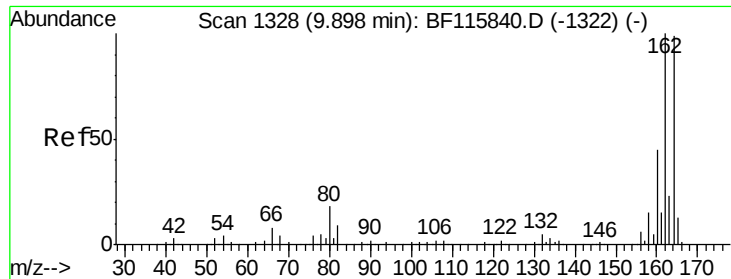
#37
2-Methylnaphthalene
Concen: 2.508 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Tgt Ion:142 Resp: 38863
Ion Ratio Lower Upper
142 100
141 85.9 70.9 106.3
115 34.1 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

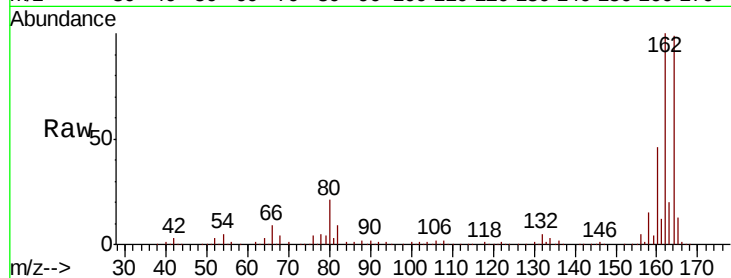




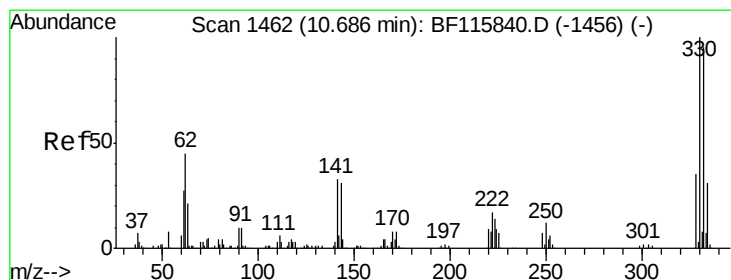
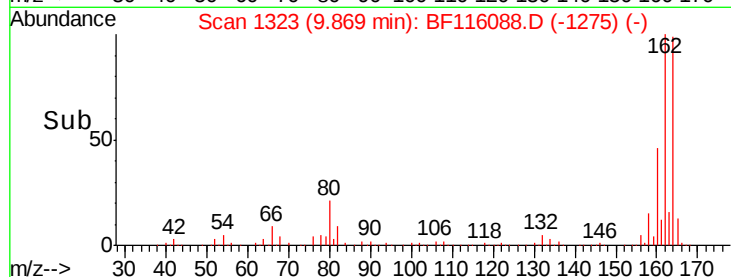
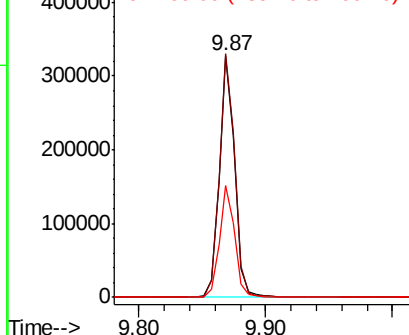
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 278126
Ion Ratio Lower Upper
164 100
162 101.0 82.6 124.0
160 46.2 37.6 56.4

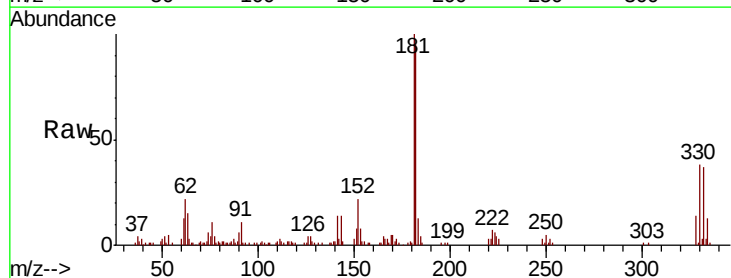


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

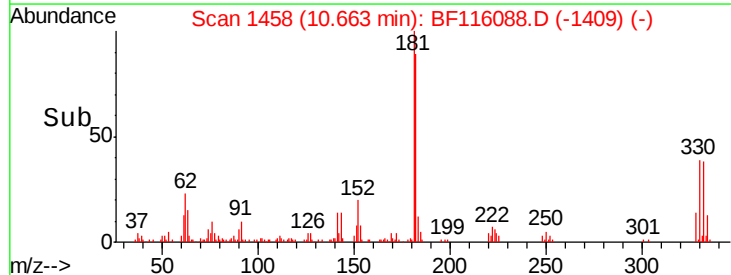
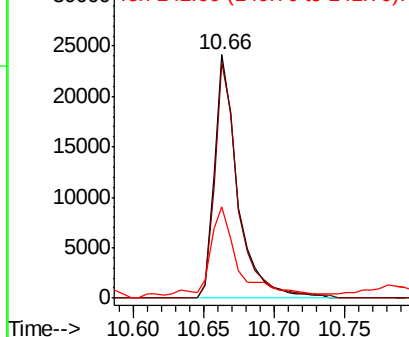


#42
2,4,6-Tribromophenol
Concen: 10.243 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Tgt Ion:330 Resp: 27620
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 50.6 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

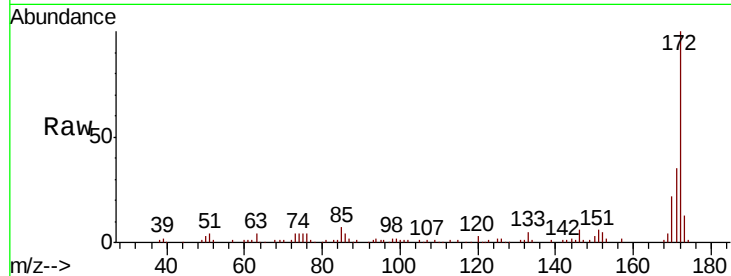




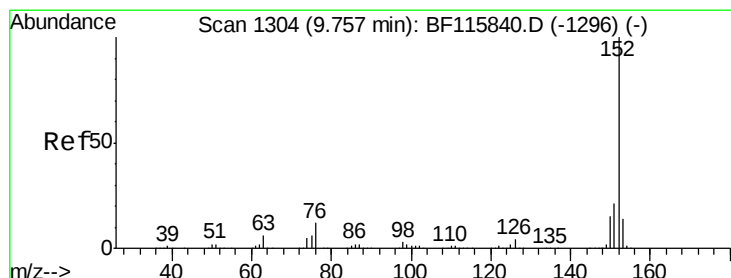
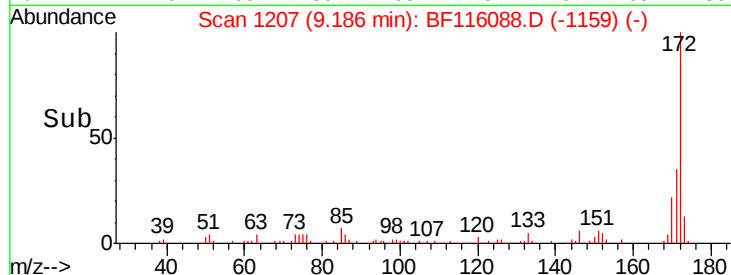
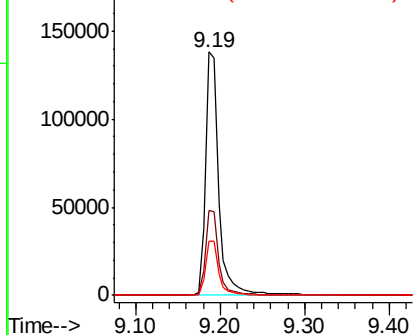
#45
2-Fluorobiphenyl
Concen: 10.147 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 150676
Ion Ratio Lower Upper
172 100
171 34.9 29.6 44.4
170 22.4 20.1 30.1

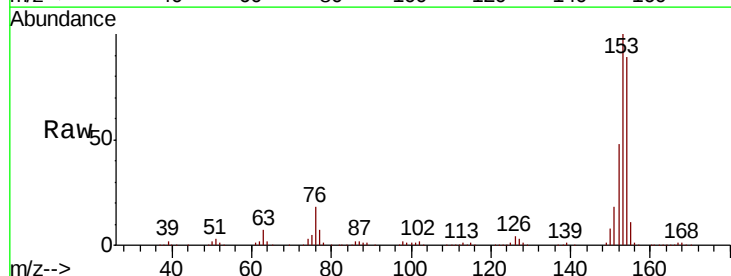


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

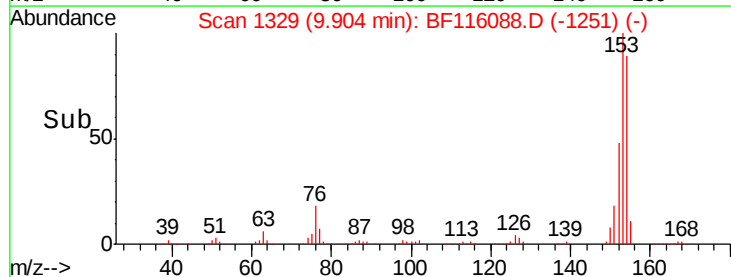
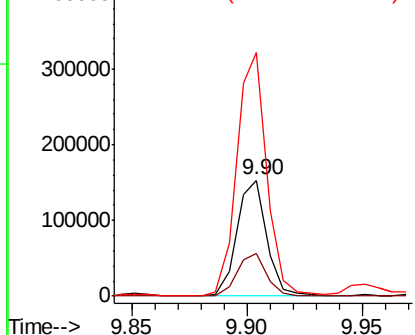


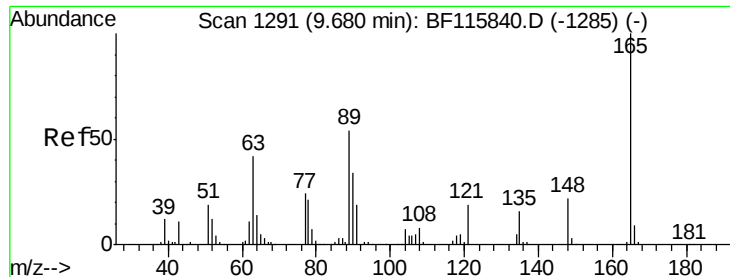
#49
Acenaphthylene
Concen: 5.820 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.16 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Tgt Ion:152 Resp: 138762
Ion Ratio Lower Upper
152 100
151 37.1 17.2 25.8#
153 210.0 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

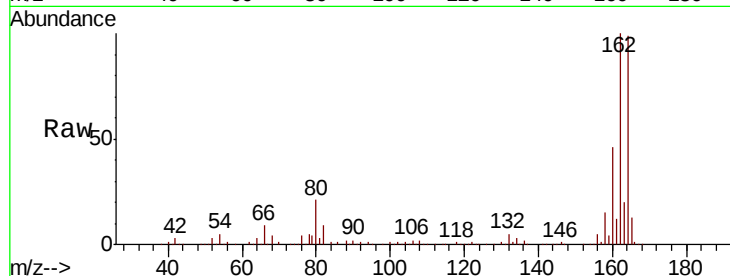




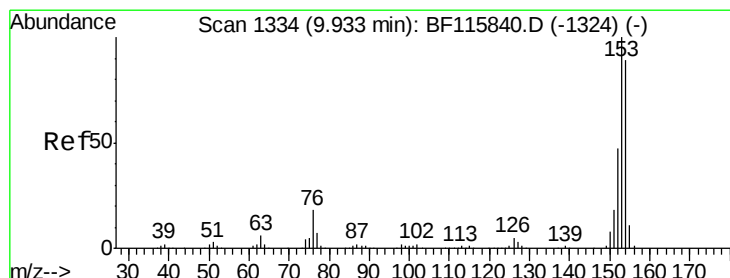
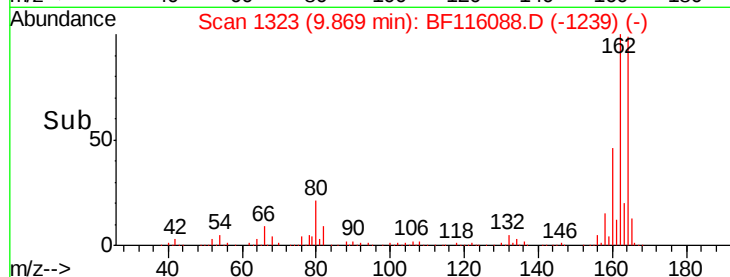
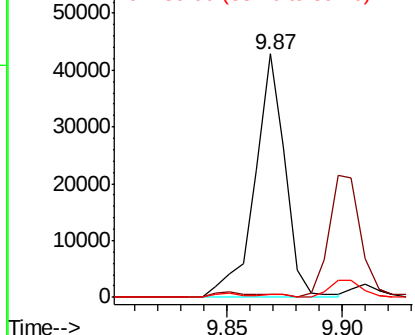
#51
 2,6-Dinitrotoluene
 Concen: 9.473 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116088.D
 Acq: 9 Aug 2019 00:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.2	57.2#
89	1.4	42.9	64.3#

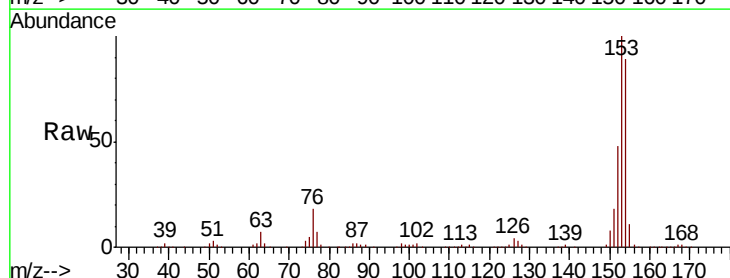


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

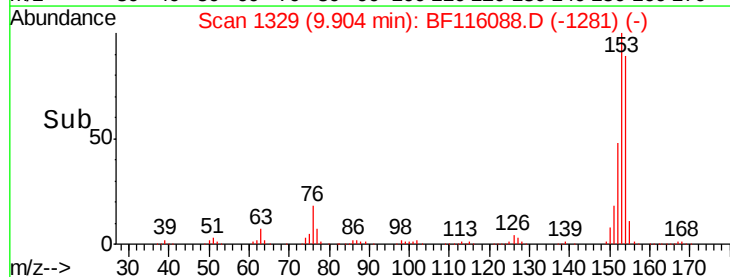
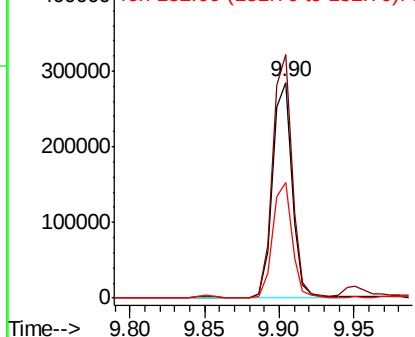


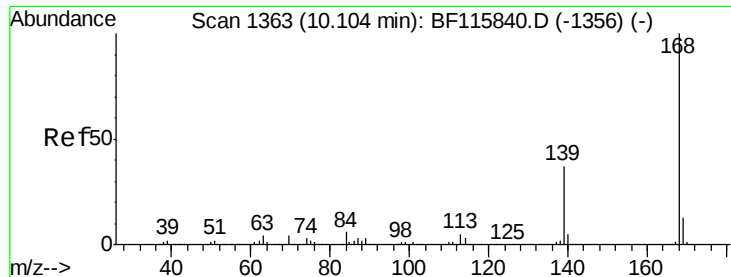
#52
 Acenaphthene
 Concen: 17.794 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF116088.D
 Acq: 9 Aug 2019 00:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.4	134.0
152	53.8	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#55

Dibenzofuran

Concen: 12.451 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF116088.D

Acq: 9 Aug 2019 00:45

Instrument :

BNA_F

ClientSampleId :

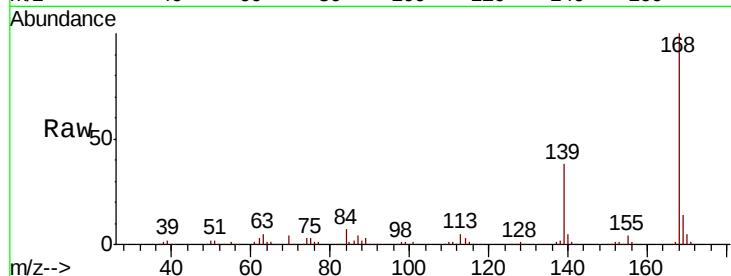
Tot Ion:168 Resp: 264856

Ion Ratio Lower Upper

168 100

139 37.6 31.4 47.2

169 14.4 10.9 16.3

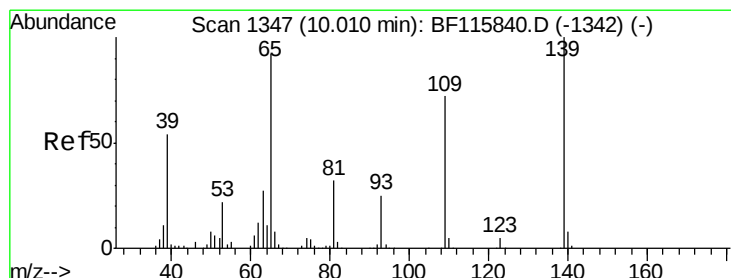
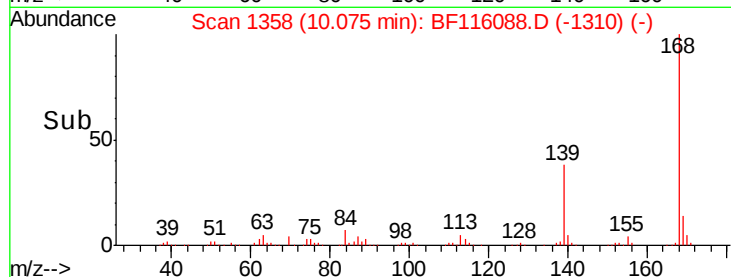
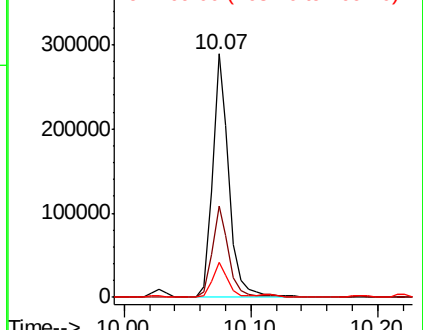


Abundance

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: 30.814 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.06 min

Lab File: BF116088.D

Acq: 9 Aug 2019 00:45

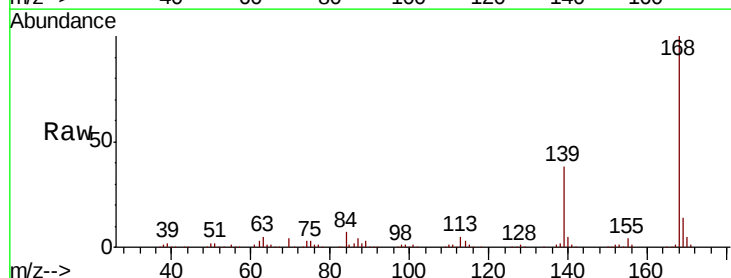
Tgt Ion:139 Resp: 100377

Ion Ratio Lower Upper

139 100

109 0.9 54.4 94.4#

65 1.4 80.6 120.6#

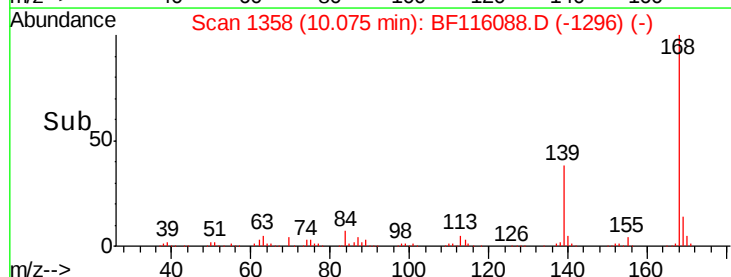
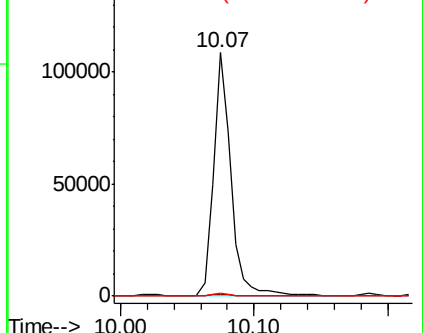


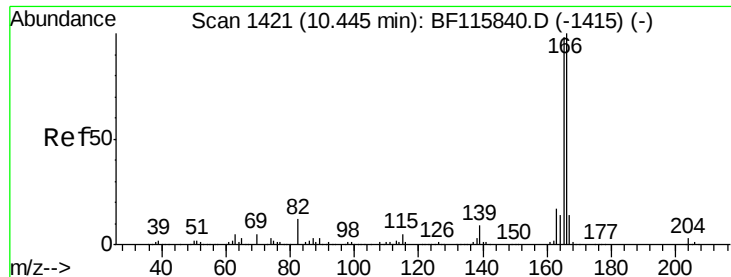
Abundance

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: 21.359 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF116088.D

Acq: 9 Aug 2019 00:45

Instrument :

BNA_F

ClientSampleId :

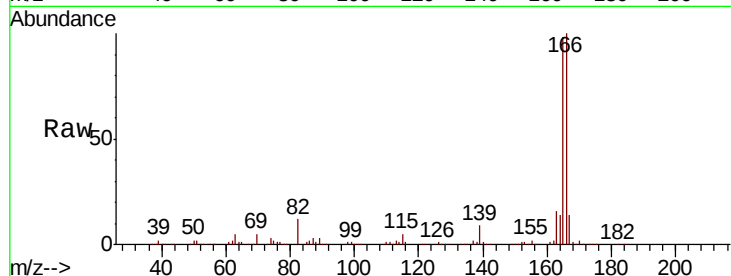
Tot Ion:166 Resp: 349552

Ion Ratio Lower Upper

166 100

165 98.5 78.4 117.6

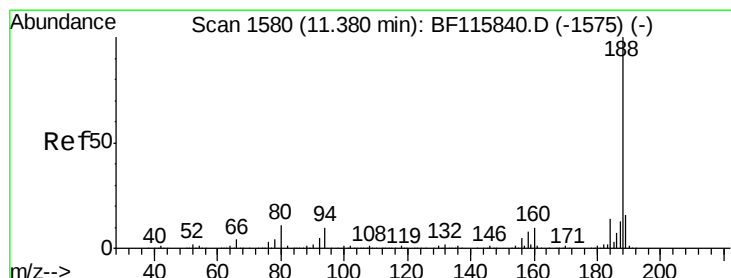
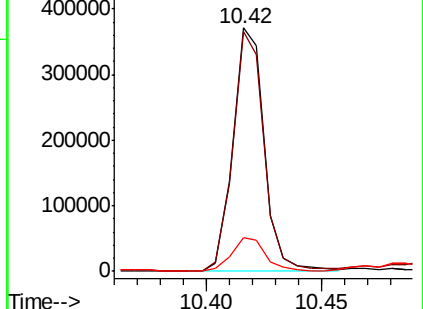
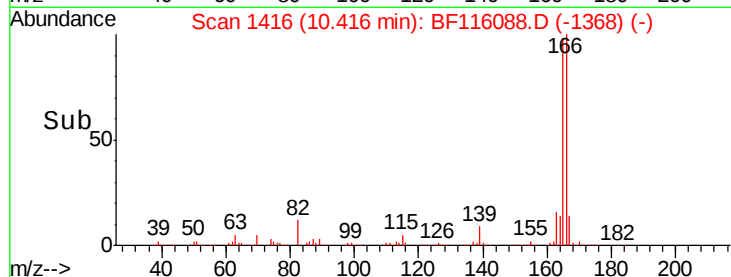
167 13.8 11.0 16.4



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: BF116088.D

Acq: 9 Aug 2019 00:45

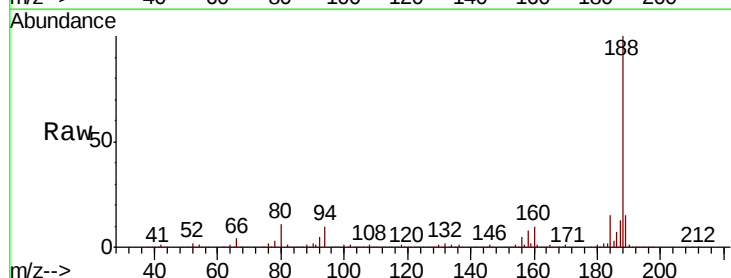
Tgt Ion:188 Resp: 506728

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

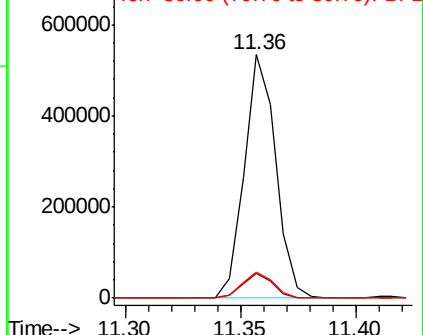
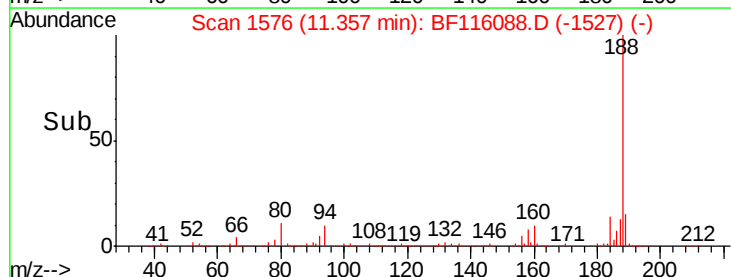
80 10.6 8.7 13.1

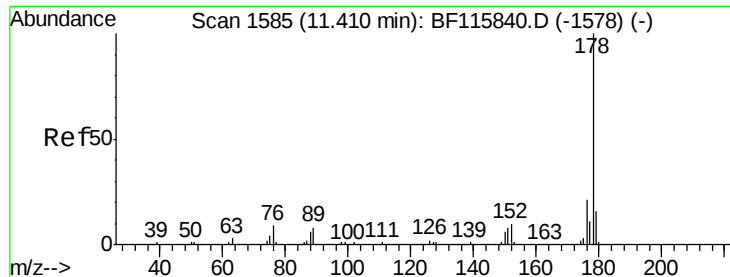


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

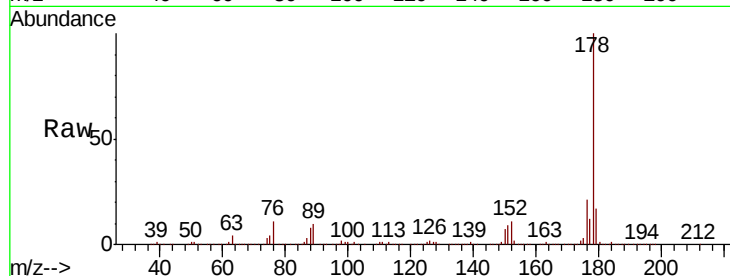




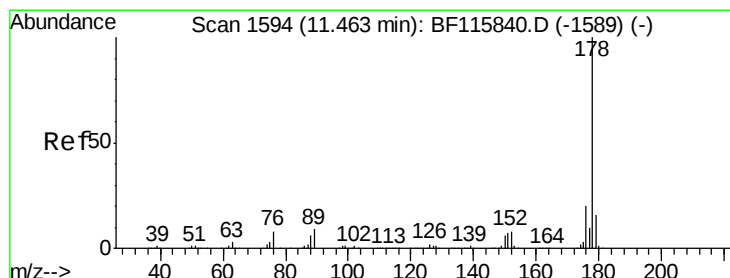
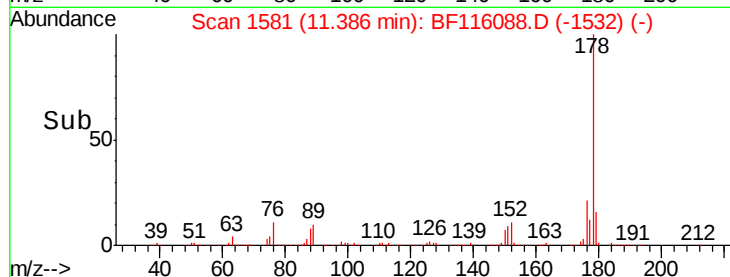
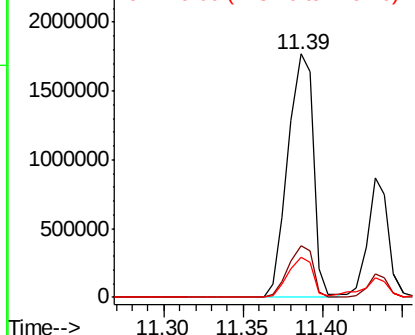
#71
 Phenanthrene
 Concen: 76.562 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF116088.D
 Acq: 9 Aug 2019 00:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1983334
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.6 24.8
 179 16.6 12.5 18.7

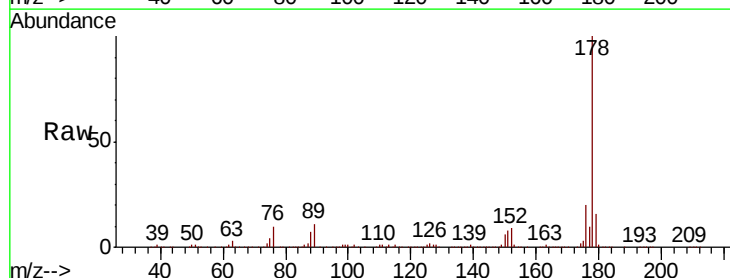


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

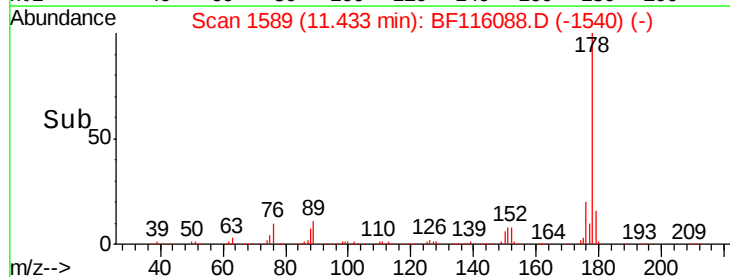
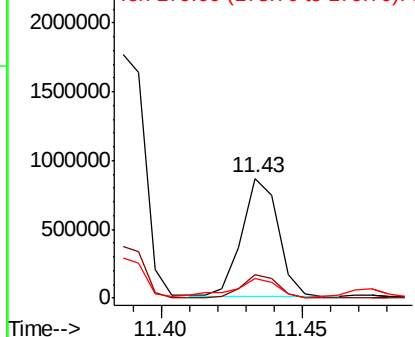


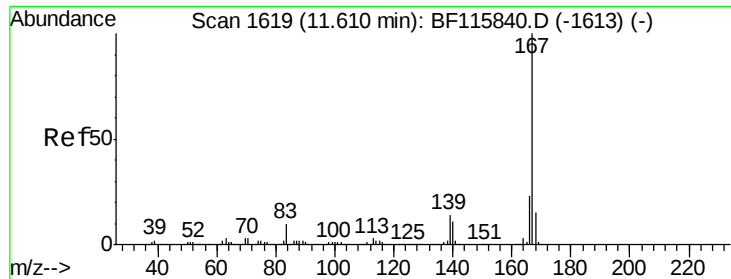
#72
 Anthracene
 Concen: 29.500 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF116088.D
 Acq: 9 Aug 2019 00:45

Tgt Ion:178 Resp: 773392
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 16.2 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

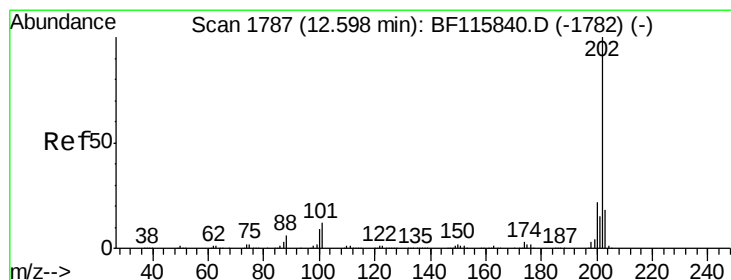
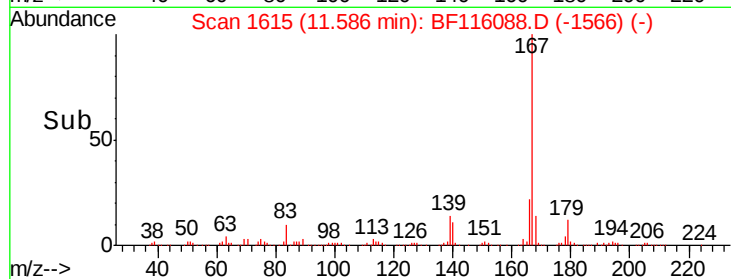
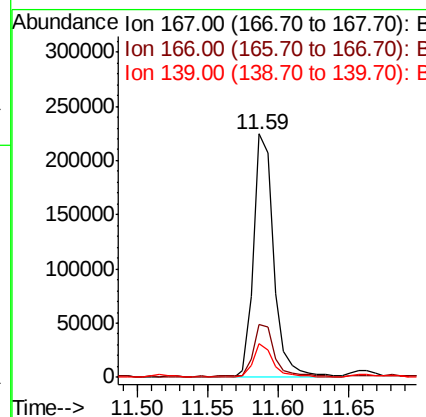
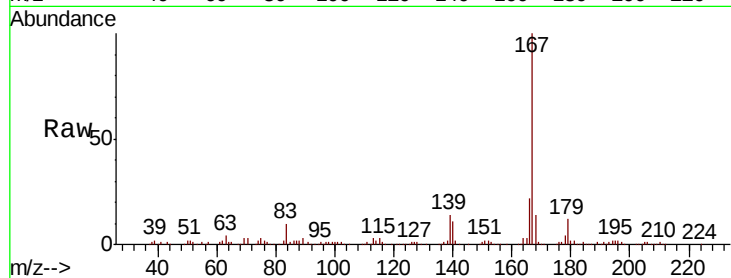




#73
 Carbazole
 Concen: 9.409 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF116088.D
 Acq: 9 Aug 2019 00:45

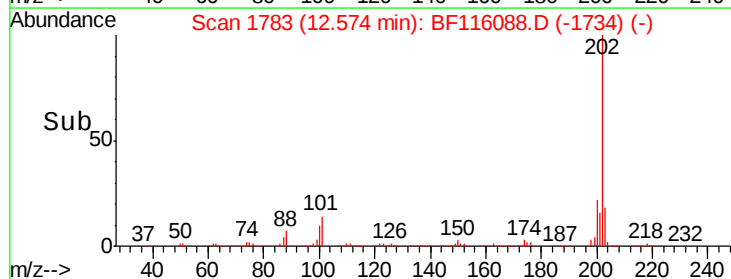
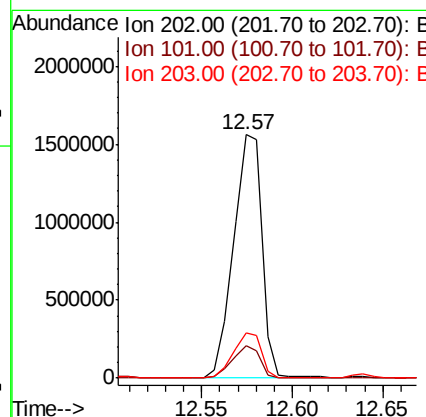
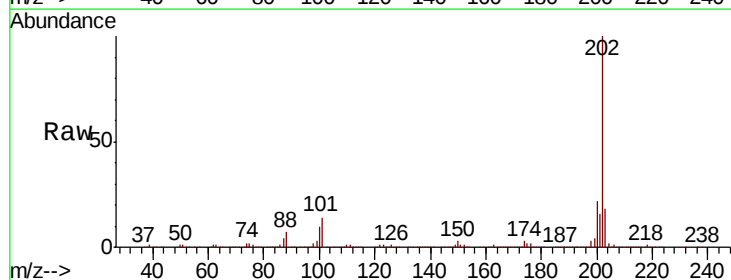
Instrument :
 BNA_F
 ClientSampleId :

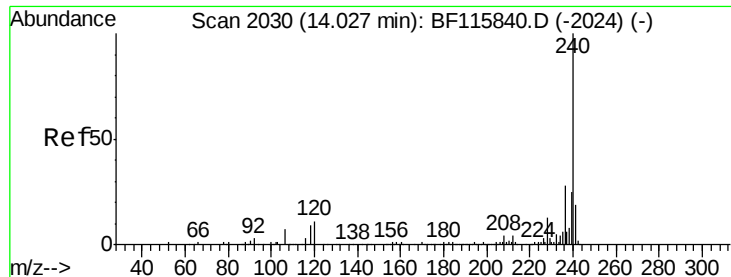
Tot Ion:167 Resp: 223790
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.7 11.4 17.0



#75
 Fluoranthene
 Concen: 62.983 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116088.D
 Acq: 9 Aug 2019 00:45

Tgt Ion:202 Resp: 1708095
 Ion Ratio Lower Upper
 202 100
 101 13.6 0.0 31.2
 203 18.4 0.0 37.8

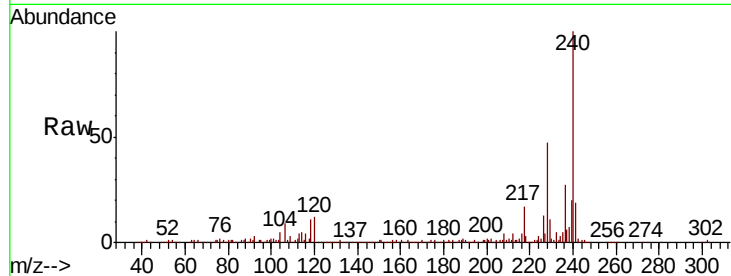




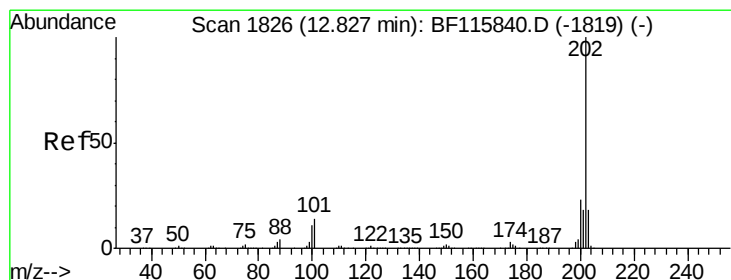
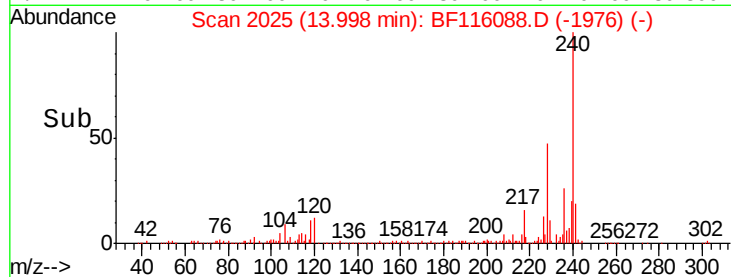
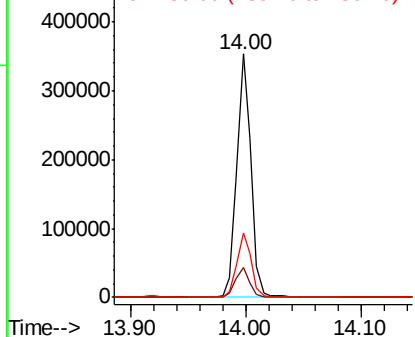
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.7	16.1
236	26.6	22.2	33.2

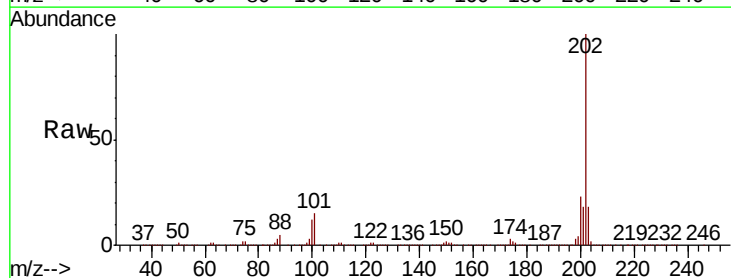


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

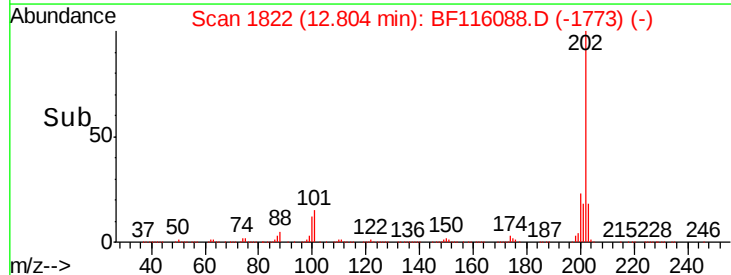
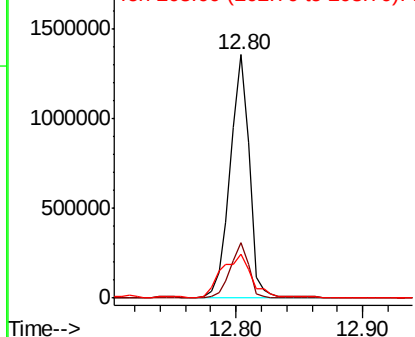


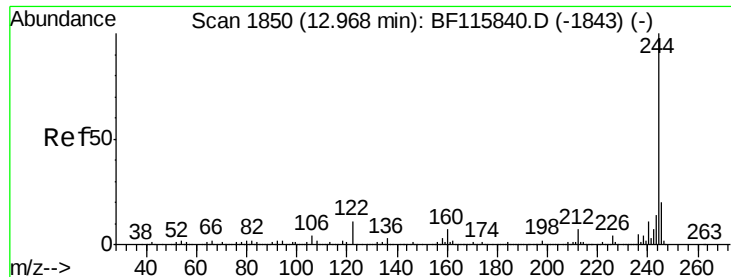
#78
Pyrene
Concen: 61.944 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.0	27.0
203	18.3	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

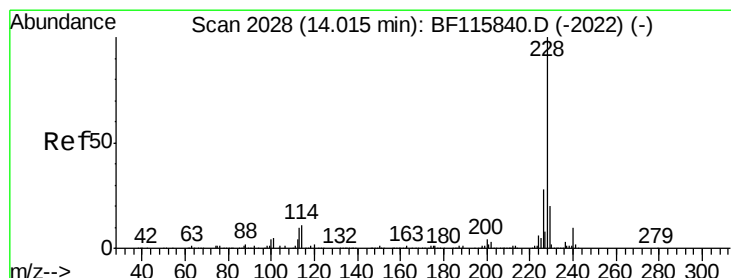
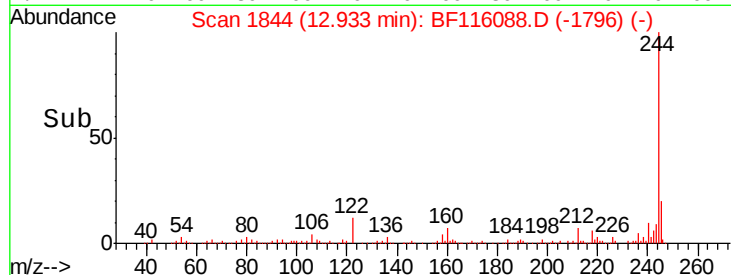
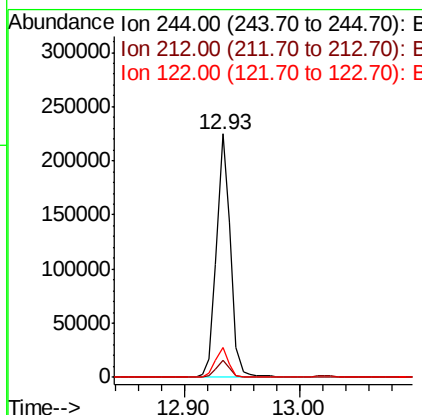
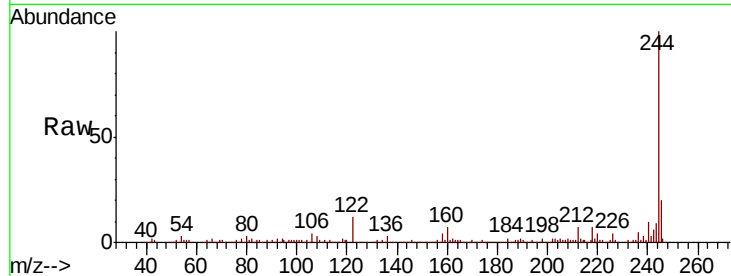




#79
 Terphenyl-d14
 Concen: 13.269 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116088.D
 Acq: 9 Aug 2019 00:45

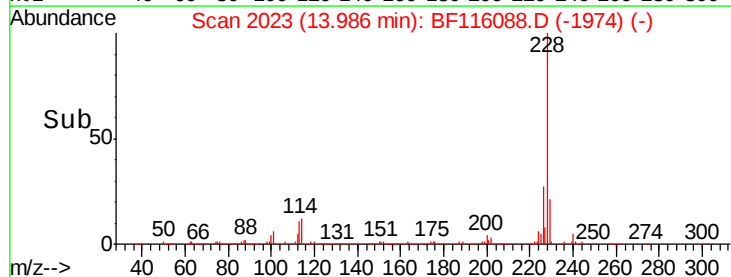
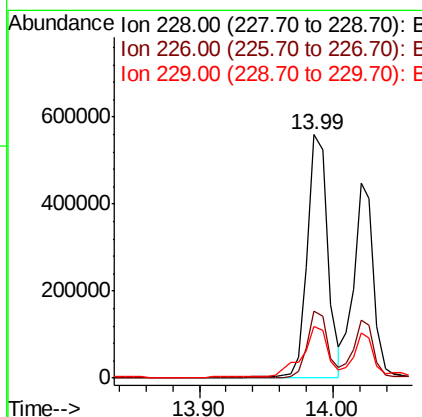
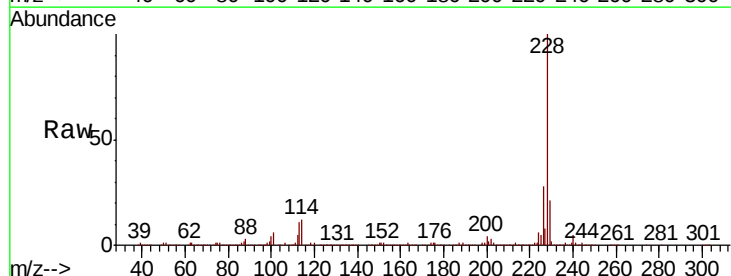
Instrument :
 BNA_F
 ClientSampleId :

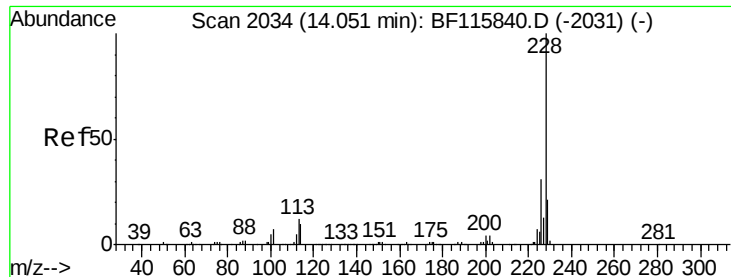
Tot Ion:244 Resp: 189765
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.0 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 30.234 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF116088.D
 Acq: 9 Aug 2019 00:45

Tgt Ion:228 Resp: 582382
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.7 34.1
 229 21.2 16.2 24.4

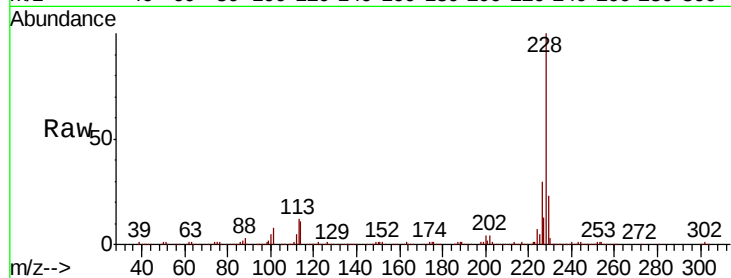




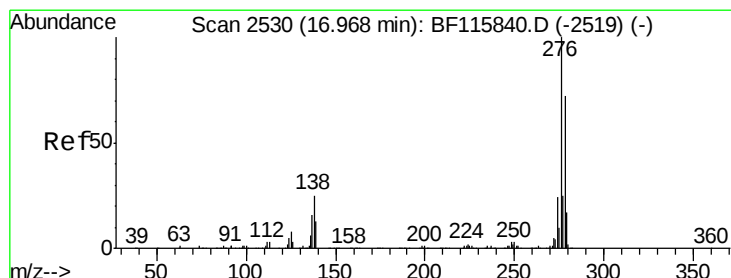
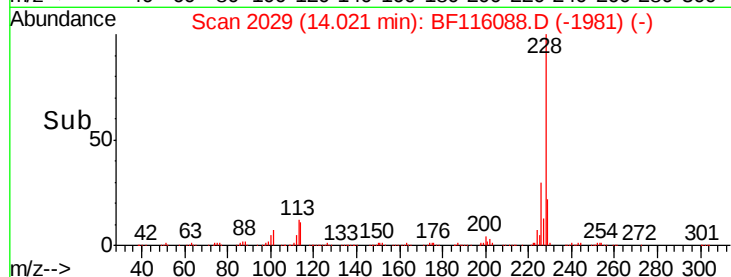
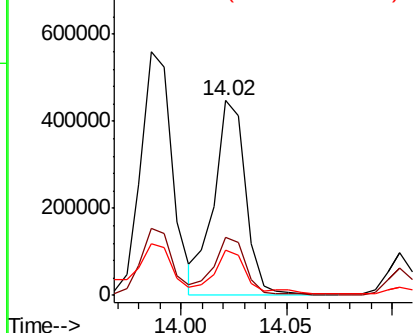
#83
Chrysene
Concen: 24.780 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 463391
Ion Ratio Lower Upper
228 100
226 30.0 25.5 38.3
229 23.0 16.6 24.8

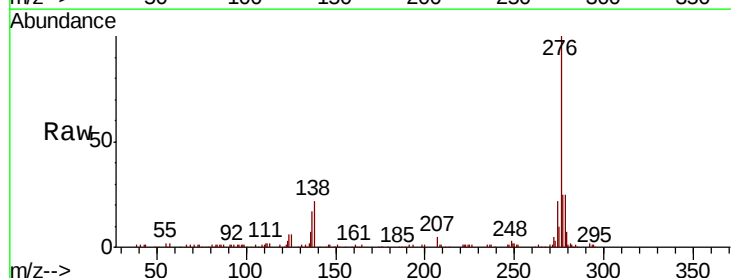


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

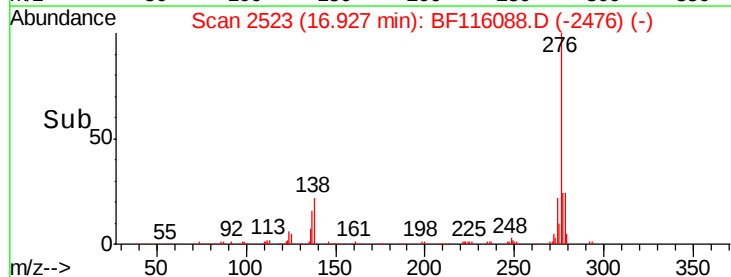
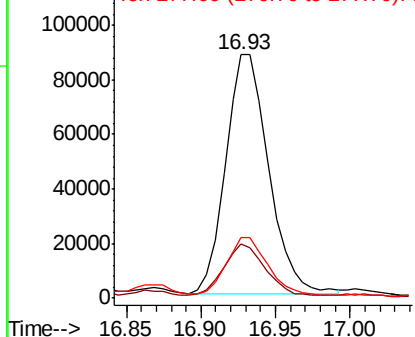


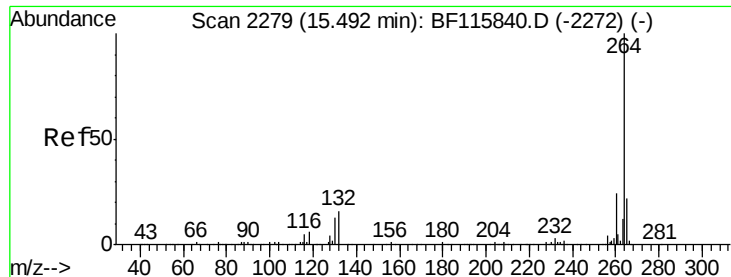
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.145 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Tgt Ion:276 Resp: 175044
Ion Ratio Lower Upper
276 100
138 21.8 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

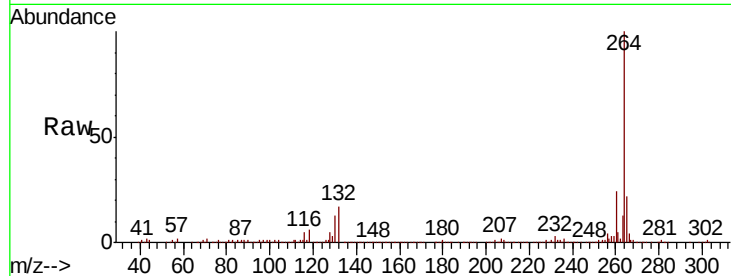




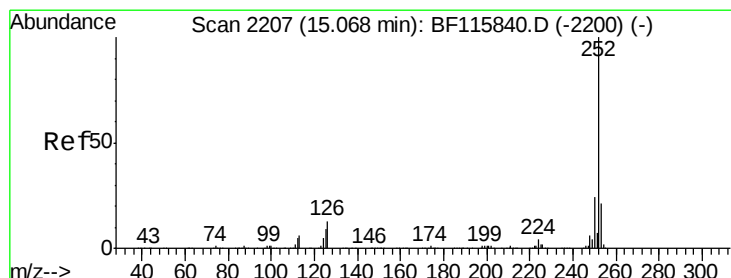
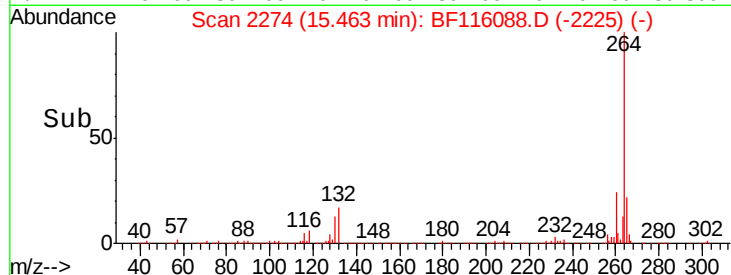
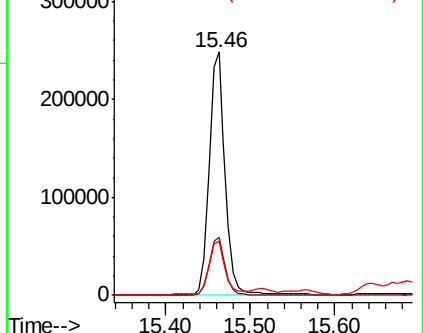
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 327926
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 22.2 17.4 26.0

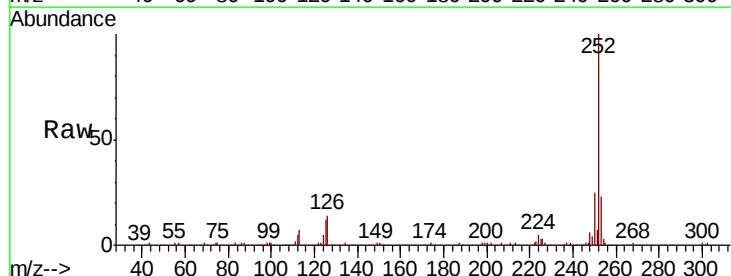


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

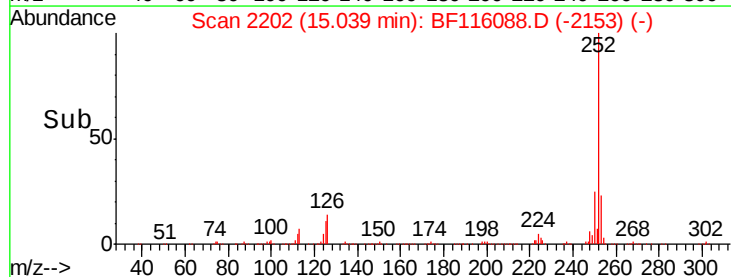
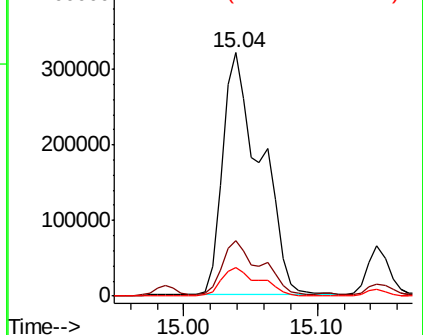


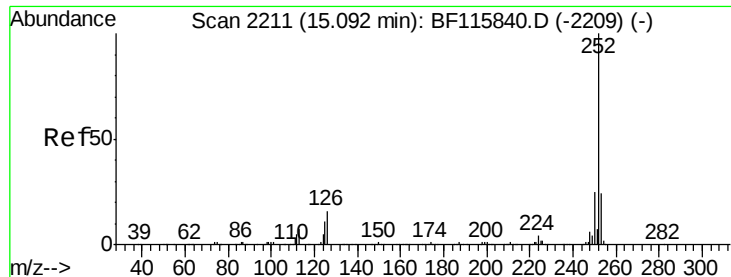
#88
Benzo(b)fluoranthene
Concen: 33.596 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Tgt Ion:252 Resp: 637024
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.5 8.4 12.6



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

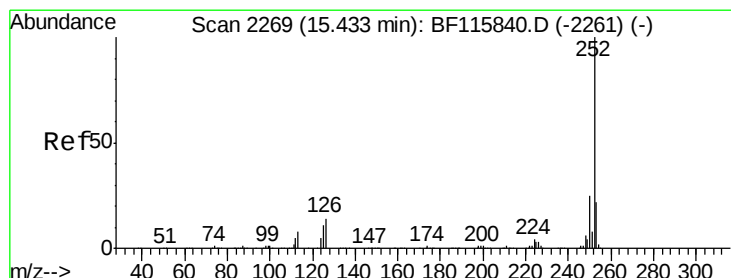
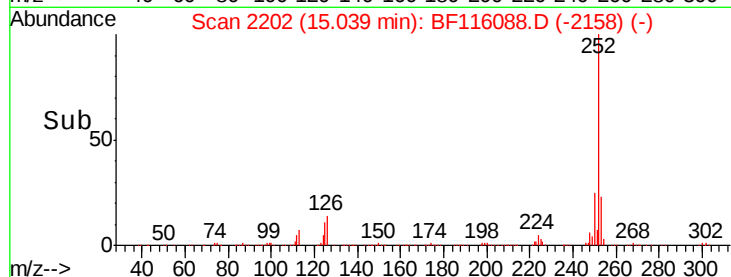
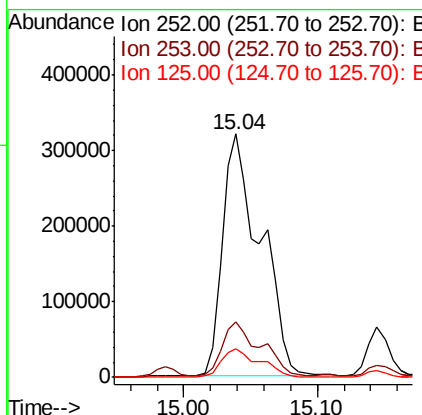
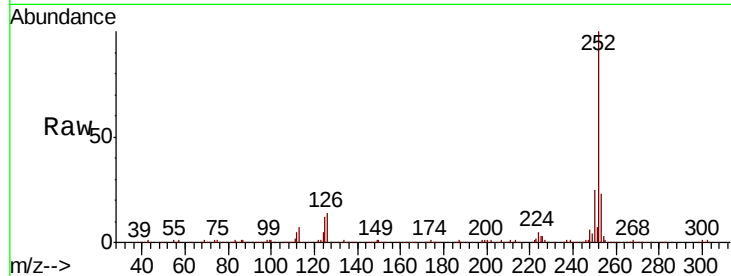




#89
Benzo(k)fluoranthene
Concen: 34.493 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

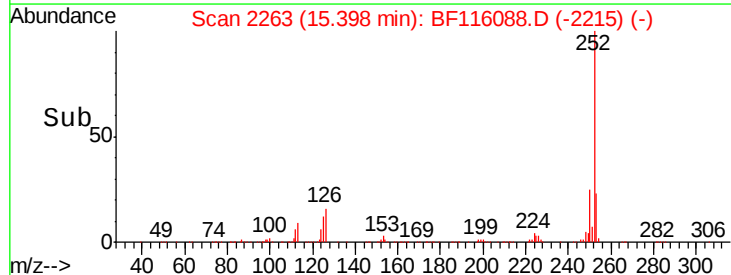
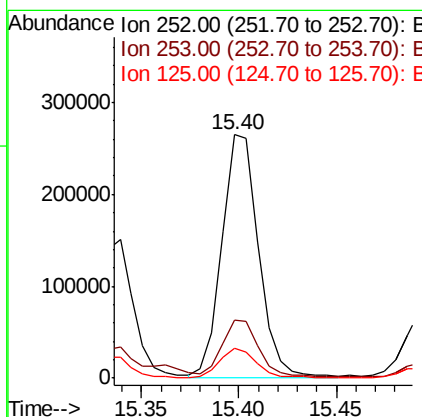
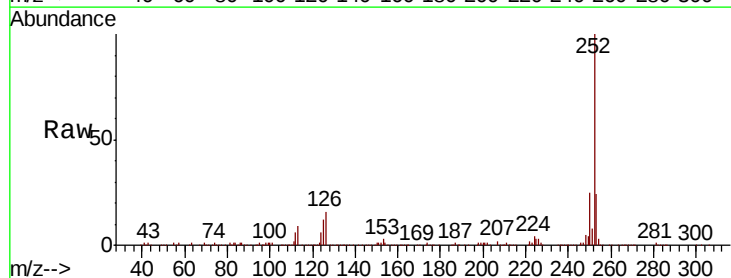
Instrument :
BNA_F
ClientSampleId :

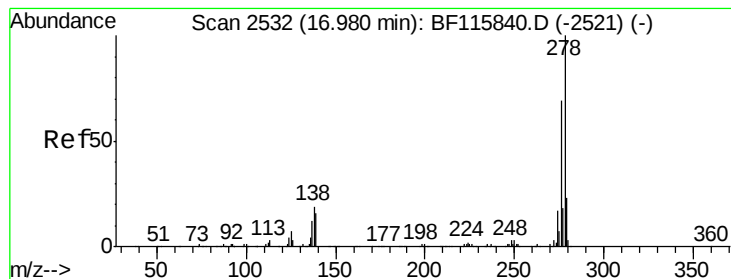
Tot Ion:252 Resp: 637024
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.5 7.7 11.5#



#90
Benzo(a)pyrene
Concen: 20.275 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.02 min
Lab File: BF116088.D
Acq: 9 Aug 2019 00:45

Tgt Ion:252 Resp: 343652
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 12.5 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 2.895 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.15 min

Lab File: BF116088.D

Acq: 9 Aug 2019 00:45

Instrument :

BNA_F

ClientSampleId :

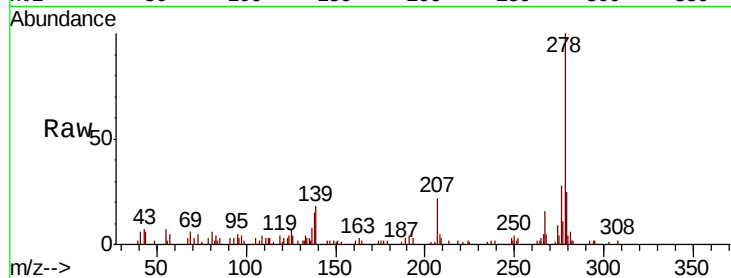
Tot Ion:278 Resp: 42480

Ion Ratio Lower Upper

278 100

139 18.1 12.8 19.2

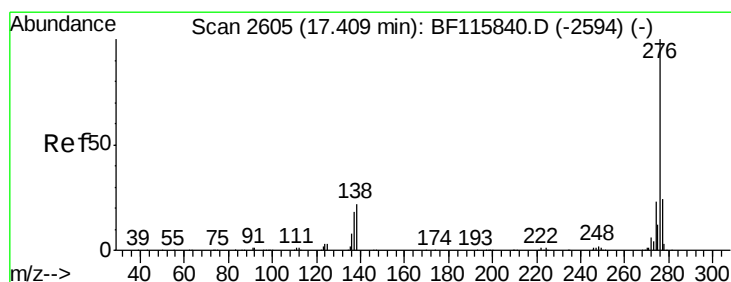
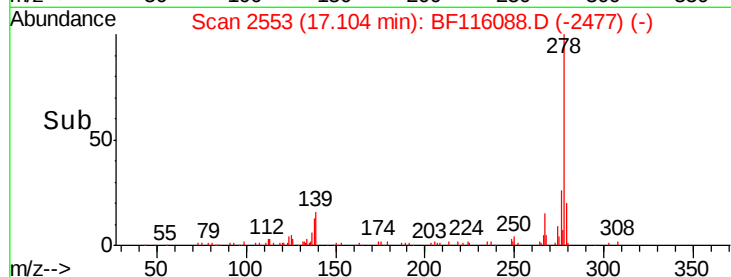
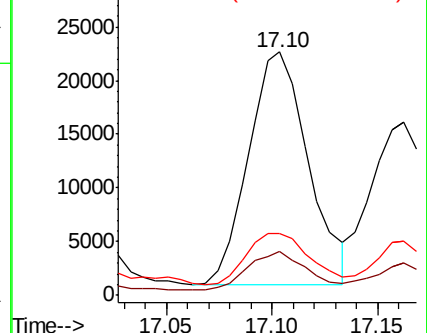
279 25.4 18.8 28.2



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: 9.962 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BF116088.D

Acq: 9 Aug 2019 00:45

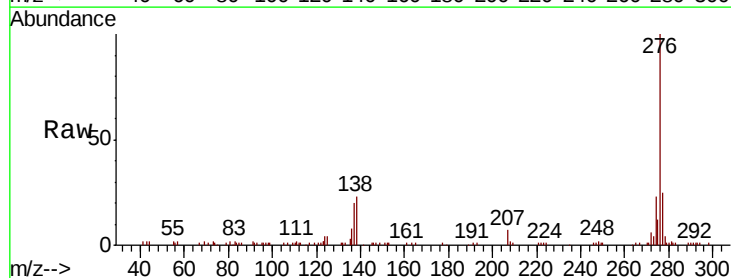
Tgt Ion:276 Resp: 143546

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 22.6 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

