

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
 Data File : BF116466.D
 Acq On : 21 Aug 2019 15:29
 Operator : HP/JU
 Sample : K4421-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 16:17:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79910	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	317320	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	169862	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	304439	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	231339	20.00	ng	-0.01
87) Perylene-d12	15.42	264	230321	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	446605	93.56	ng	-0.02
7) Phenol-d6	6.45	99	702717	116.68	ng	-0.02
23) Nitrobenzene-d5	7.36	82	405356	73.74	ng	-0.03
42) 2,4,6-Tribromophenol	10.62	330	111486	67.70	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	659431	72.72	ng	-0.02
79) Terphenyl-d14	12.90	244	739165	67.33	ng	-0.02

Target Compounds

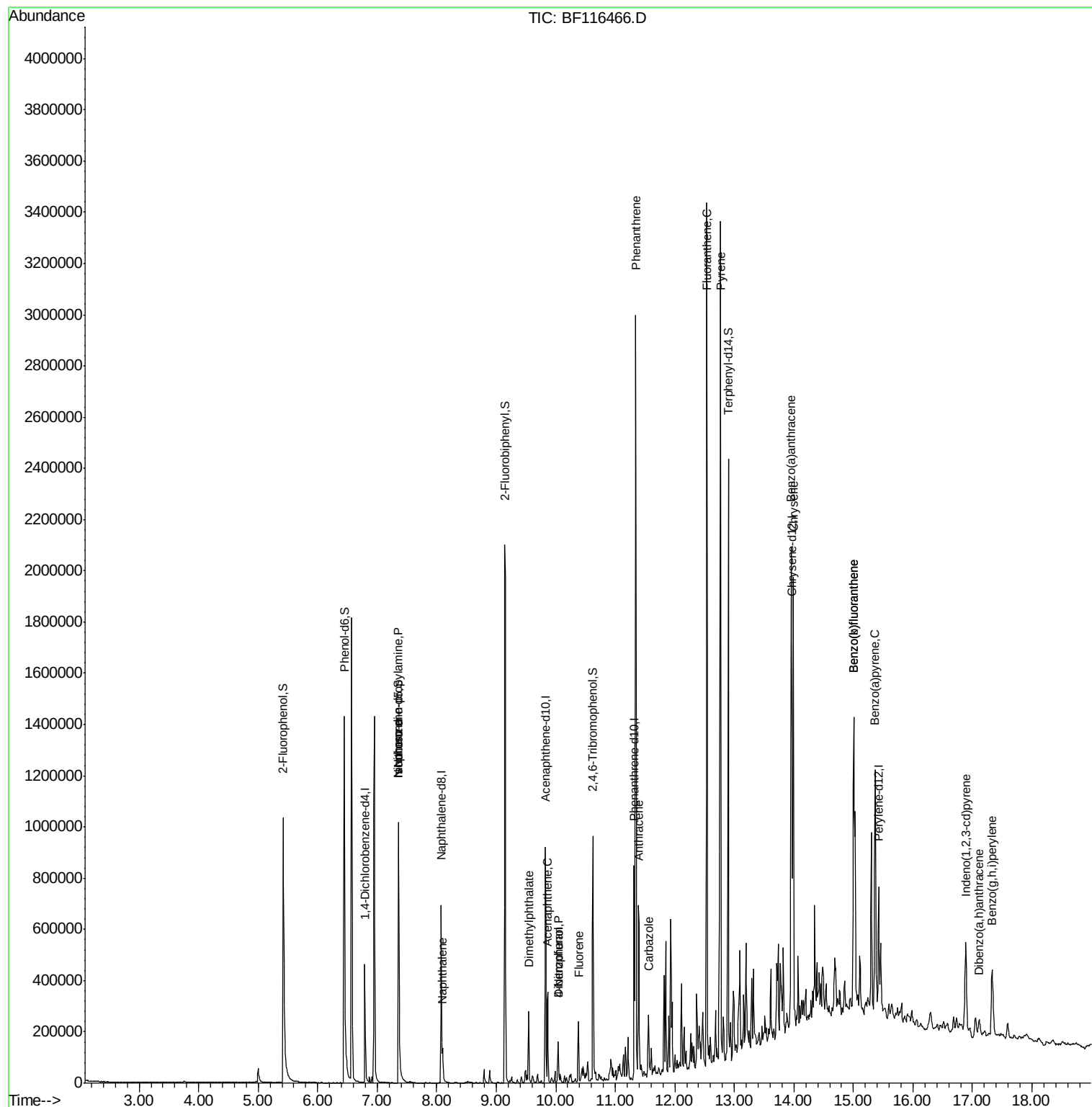
						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	52909	14.177	ng	# 80
25) Isophorone	7.36	82	405356	38.563	ng	# 65
31) Naphthalene	8.10	128	56127	3.759	ng	99
50) Dimethylphthalate	9.55	163	115104	9.952	ng	99
52) Acenaphthene	9.86	154	80059	8.962	ng	97
55) Dibenzofuran	10.04	168	65187	5.018	ng	95
56) 4-Nitrophenol	10.04	139	23843	11.985	ng	# 7
58) Fluorene	10.38	166	71081	7.112	ng	98
71) Phenanthrene	11.35	178	1050458	67.495	ng	100
72) Anthracene	11.39	178	268320	17.035	ng	99
73) Carbazole	11.56	167	88250	6.176	ng	98
75) Fluoranthene	12.54	202	1333715	81.856	ng	98
78) Pyrene	12.77	202	1416877	81.249	ng	98
81) Benzo(a)anthracene	13.96	228	744985	50.383	ng	99
83) Chrysene	13.99	228	612761	42.685	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	232968	19.322	ng	96
88) Benzo(b)fluoranthene	15.00	252	878697	65.981	ng	97
89) Benzo(k)fluoranthene	15.00	252	878697	67.741	ng	# 96
90) Benzo(a)pyrene	15.37	252	502889	42.243	ng	99
91) Dibenzo(a,h)anthracene	17.11	278	33064	3.209	ng	93
92) Benzo(g,h,i)perylene	17.33	276	225225	22.255	ng	96

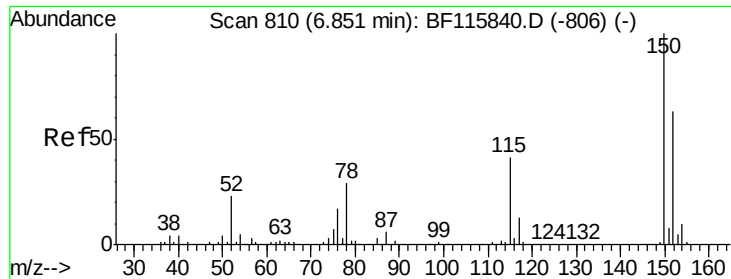
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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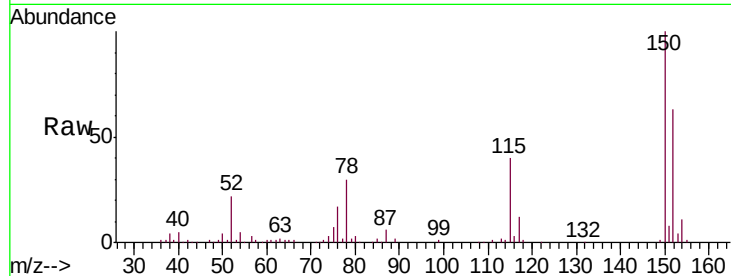


#1

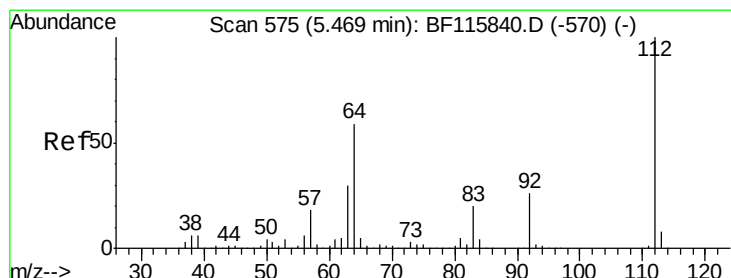
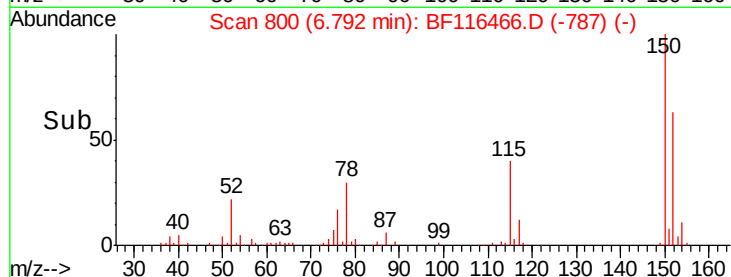
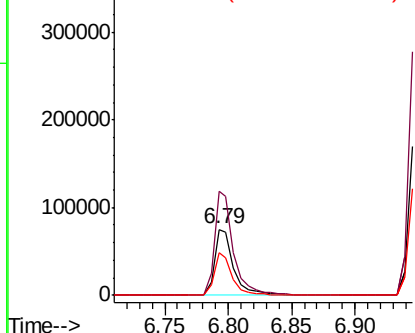
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	63.9	49.9	74.9



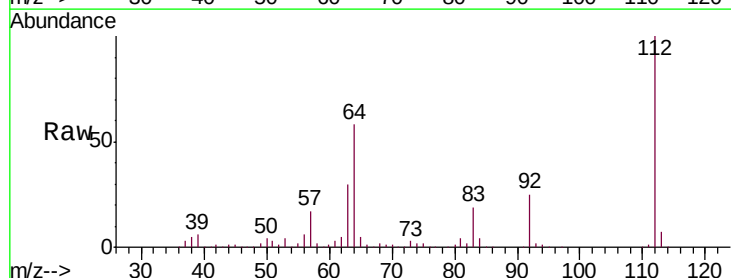
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



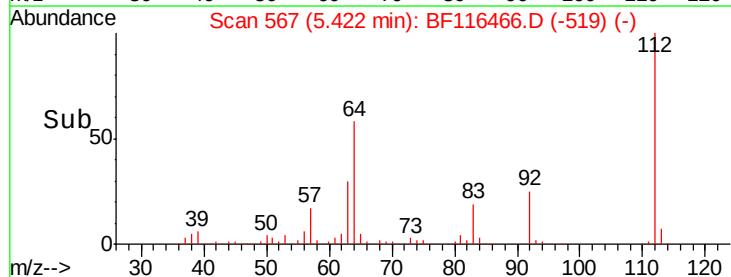
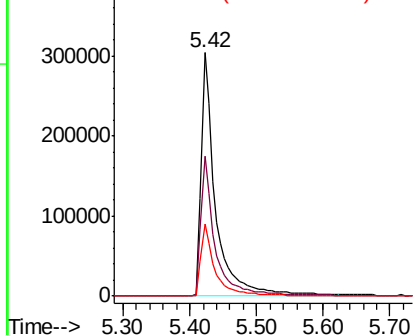
#5

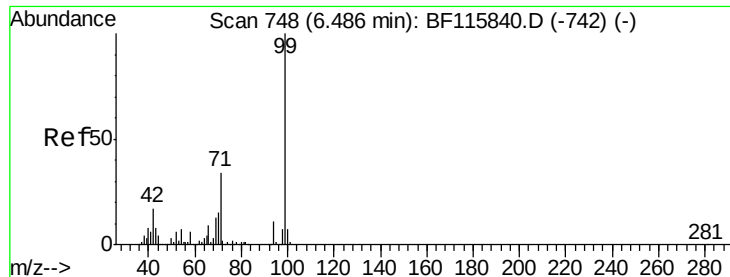
2-Fluorophenol
Concen: 93.561 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.02 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.4	68.2
63	29.8	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: 116.682 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

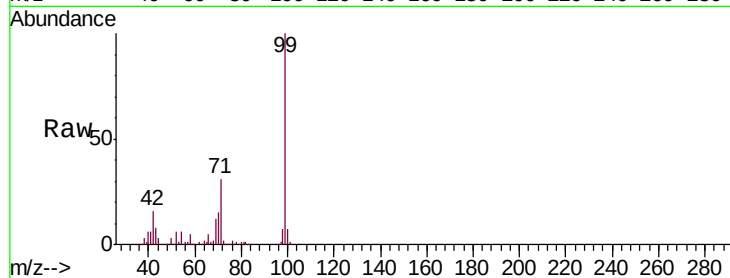
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 702717

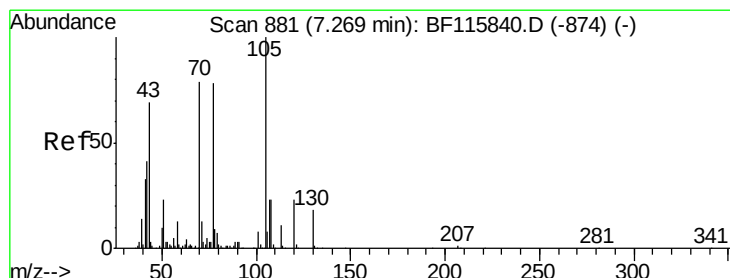
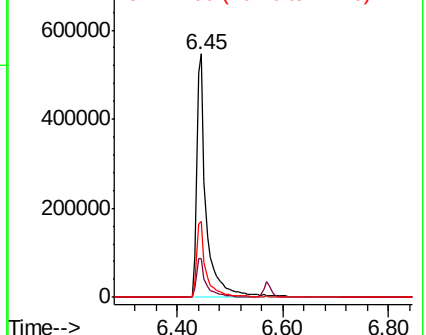
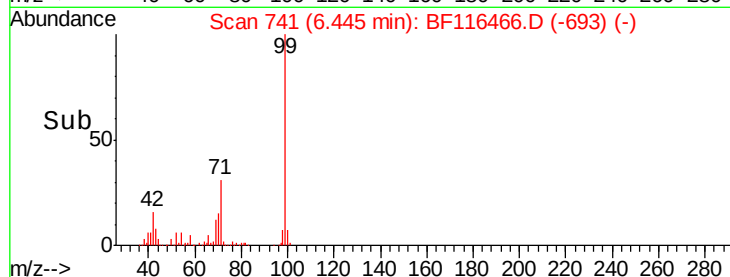
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.8
71	31.1	27.3	40.9



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: 14.177 ng

RT: 7.36 min Scan# 896

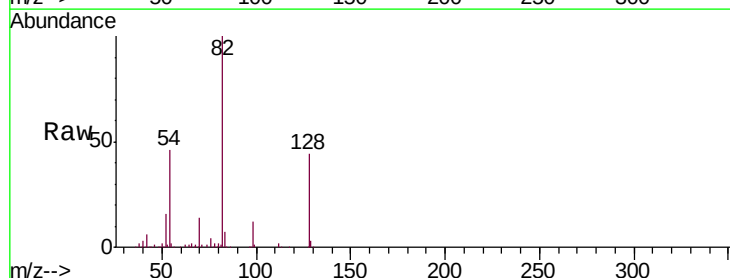
Delta R.T. 0.12 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

Tgt Ion: 70 Resp: 52909

Ion	Ratio	Lower	Upper
70	100		
42	44.1	40.9	61.3
101	0.0	7.9	11.9#
130	2.0	16.9	25.3#

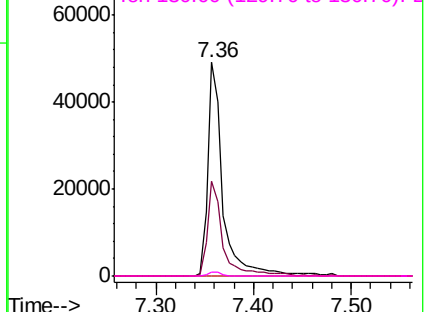
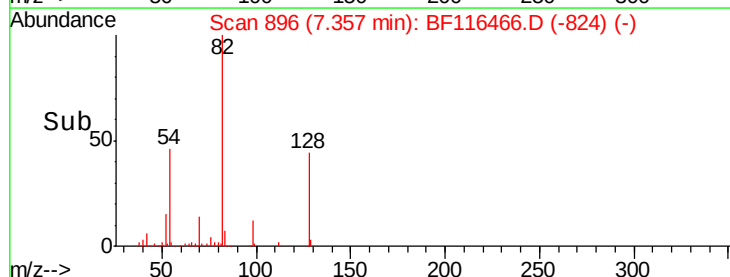


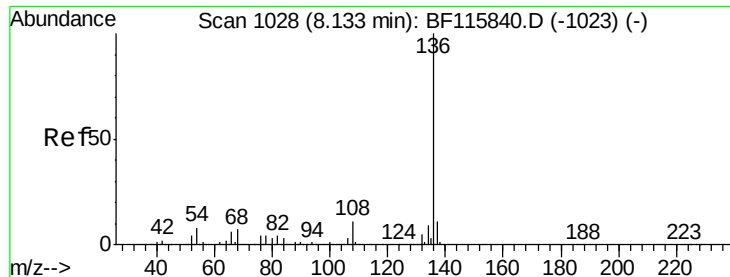
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

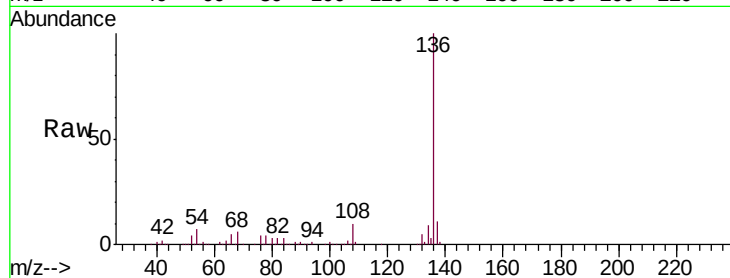




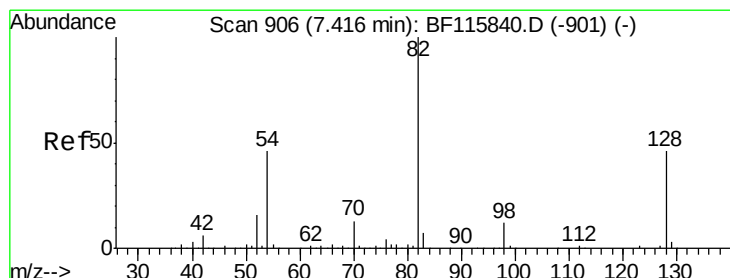
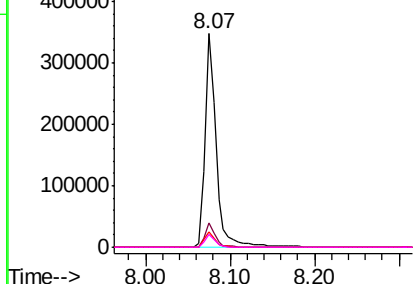
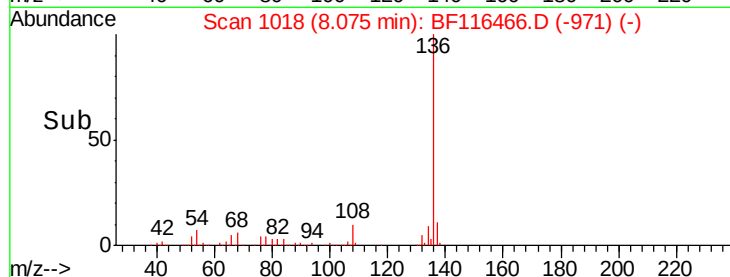
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	317320
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.0	13.4
54 7.3	5.8	8.6
68 6.3	5.2	7.8

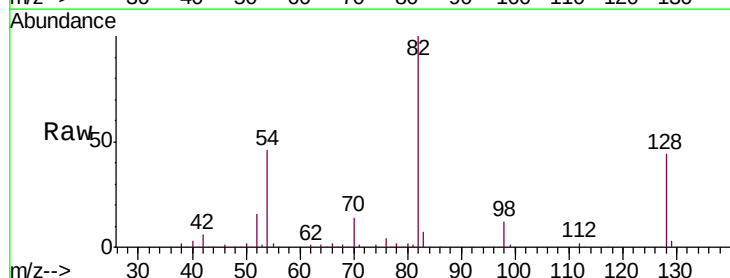


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

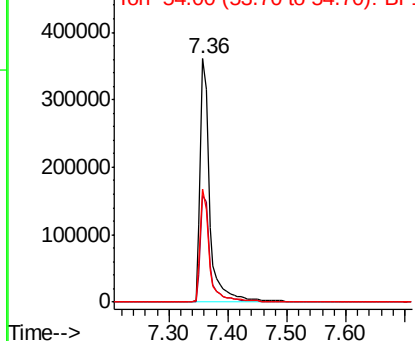
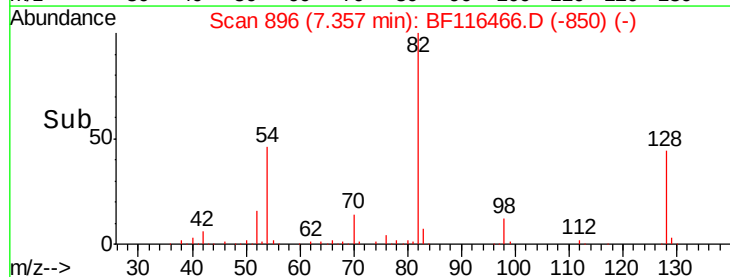


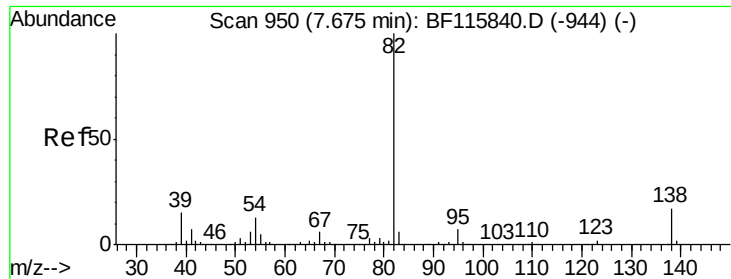
#23
Nitrobenzene-d5
Concen: 73.738 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.03 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

Tgt Ion: 82	Resp: 405356
Ion Ratio	Lower Upper
82 100	
128 43.6	36.5 54.7
54 46.3	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: 38.563 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

Instrument :

BNA_F

ClientSampled :

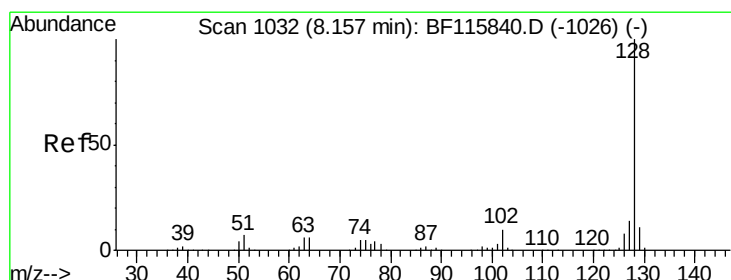
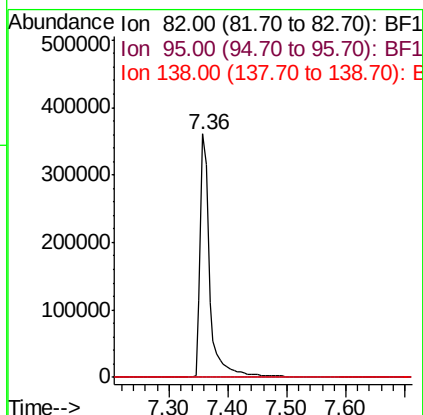
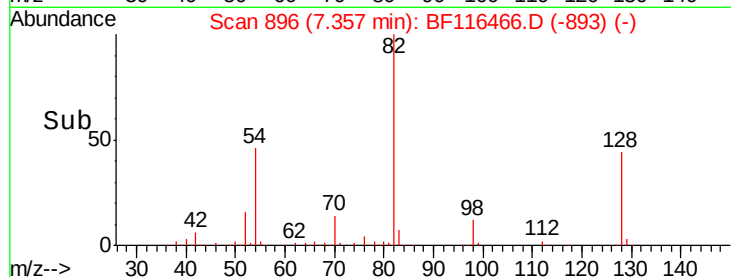
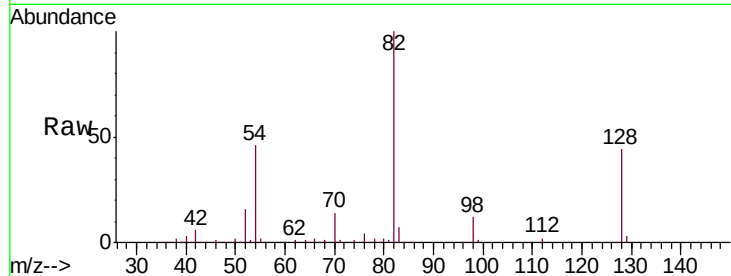
Tot Ion: 82 Resp: 405356

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



#31

Naphthalene

Concen: 3.759 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

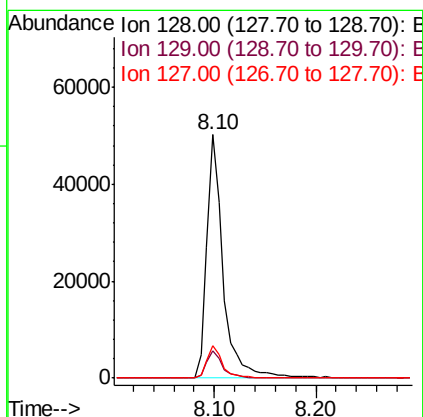
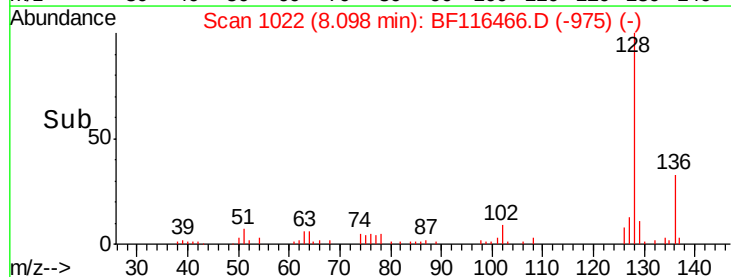
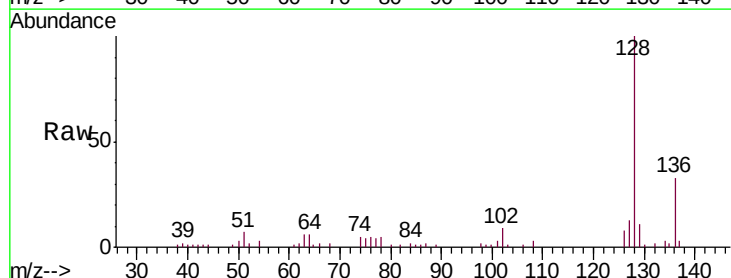
Tgt Ion: 128 Resp: 56127

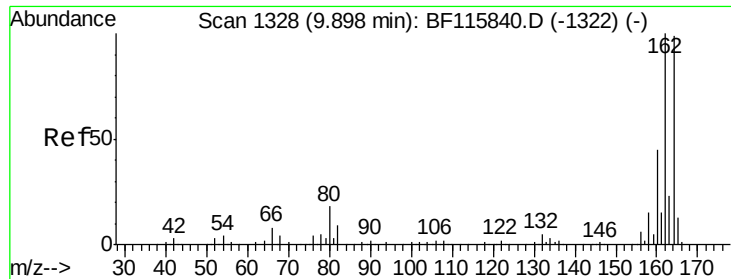
Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

127 13.4 11.4 17.0

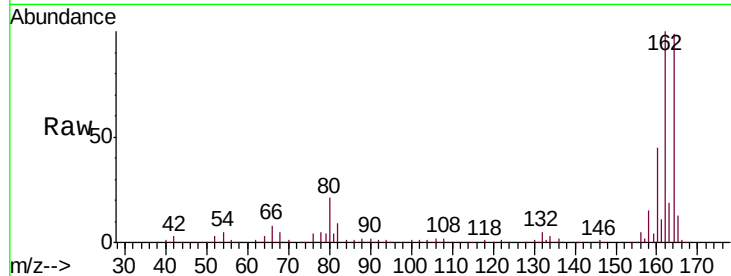




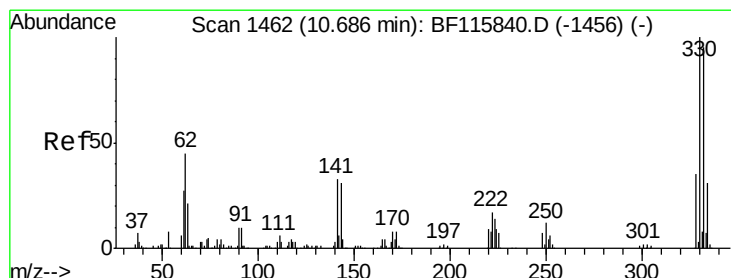
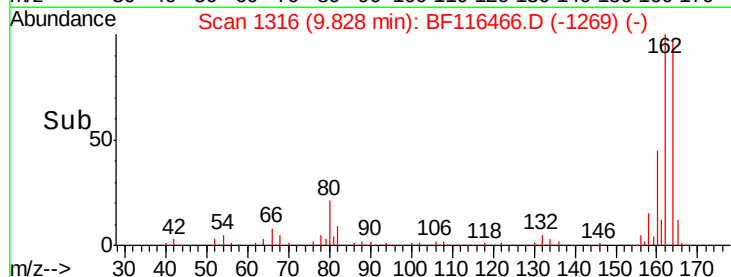
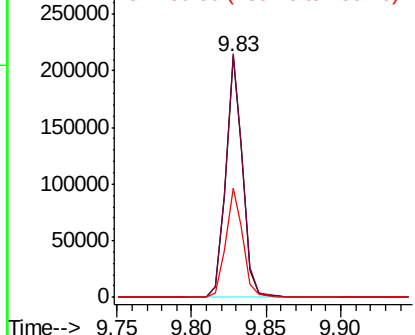
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF116466.D
 Acq: 21 Aug 2019 15:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 169862
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 124.0
 160 45.5 37.6 56.4

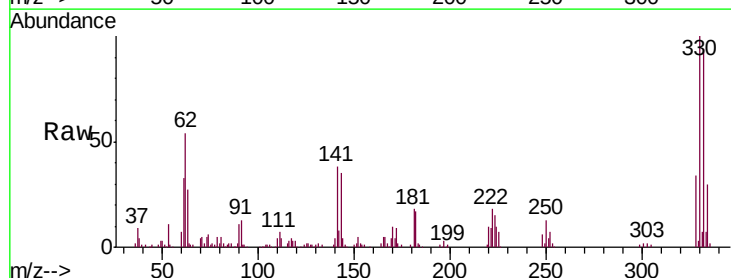


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

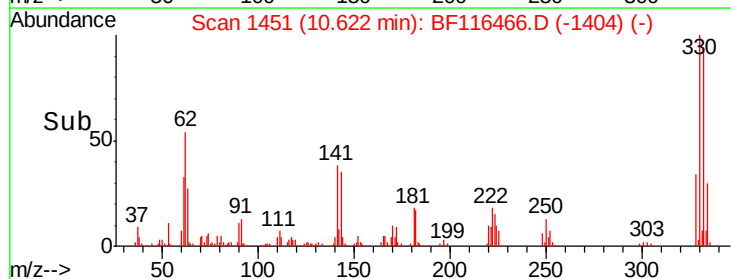
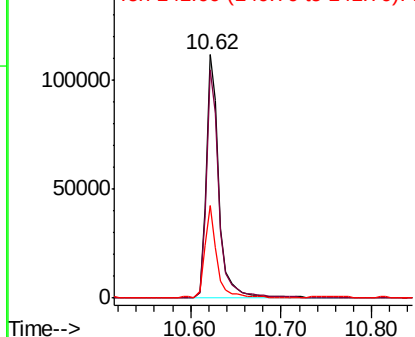


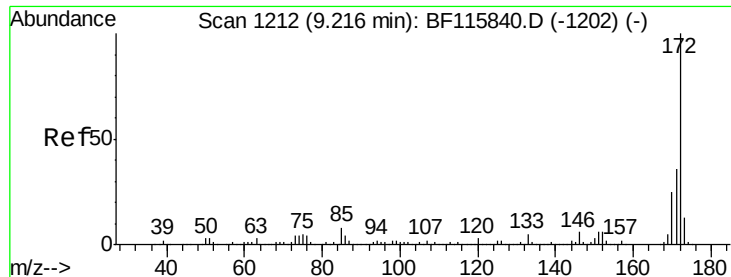
#42
 2,4,6-Tribromophenol
 Concen: 67.696 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF116466.D
 Acq: 21 Aug 2019 15:29

Tgt Ion:330 Resp: 111486
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.8 115.2
 141 36.6 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

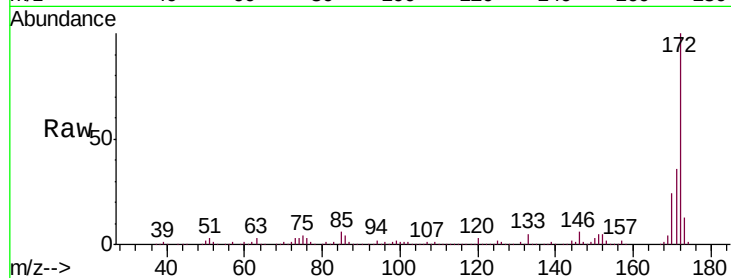




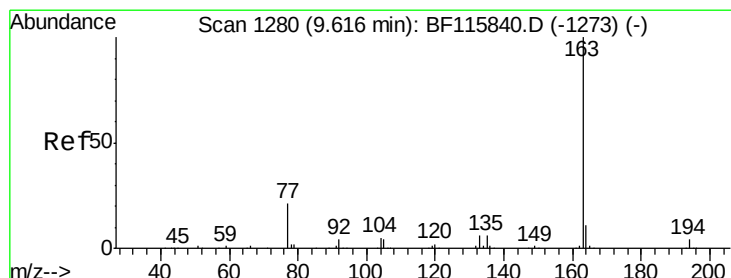
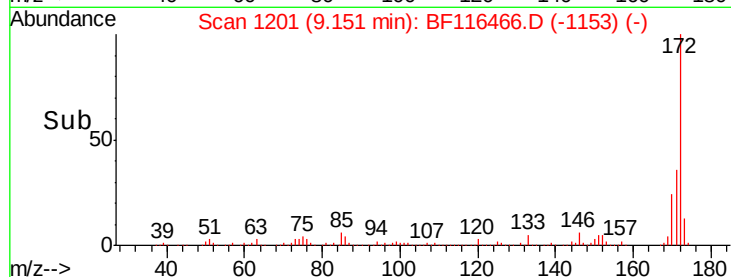
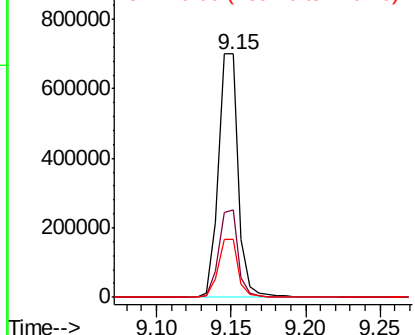
#45
2-Fluorobiphenyl
Concen: 72.716 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 659431
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.1 20.1 30.1

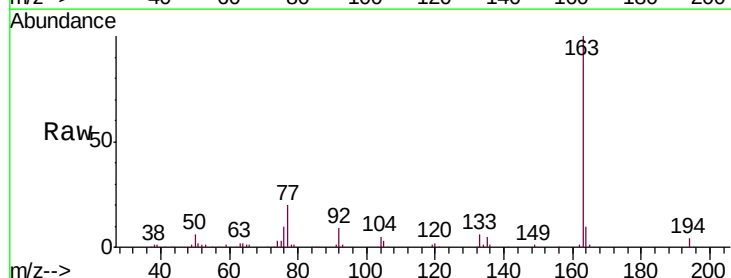


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

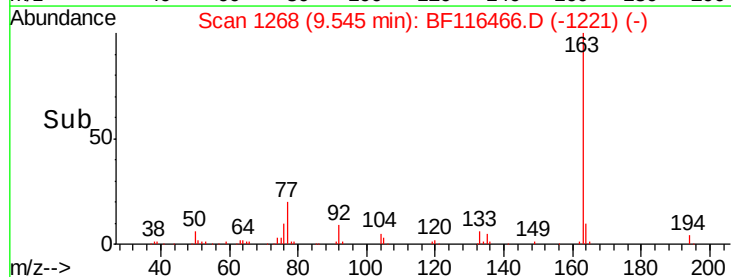
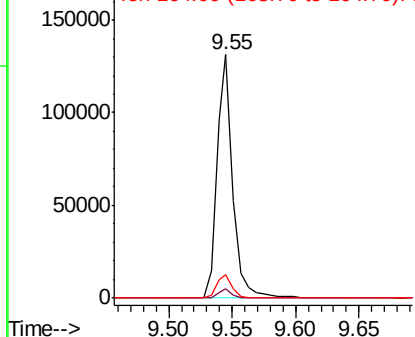


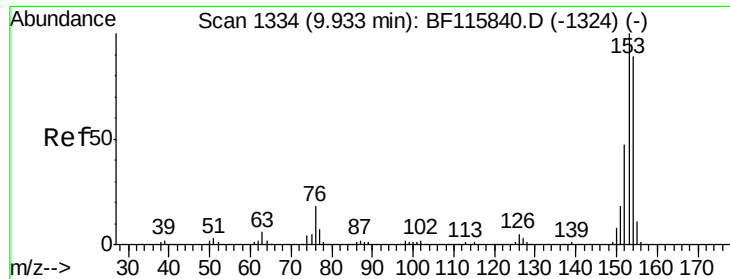
#50
Dimethylphthalate
Concen: 9.952 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

Tgt Ion:163 Resp: 115104
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 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





#52

Acenaphthene

Concen: 8.962 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

Instrument :

BNA_F

ClientSampled :

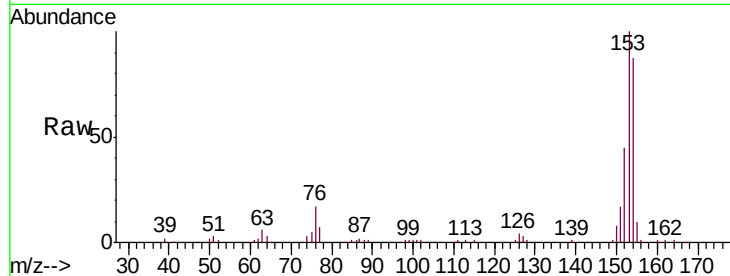
Tot Ion:154 Resp: 80059

Ion Ratio Lower Upper

154 100

153 115.2 89.4 134.0

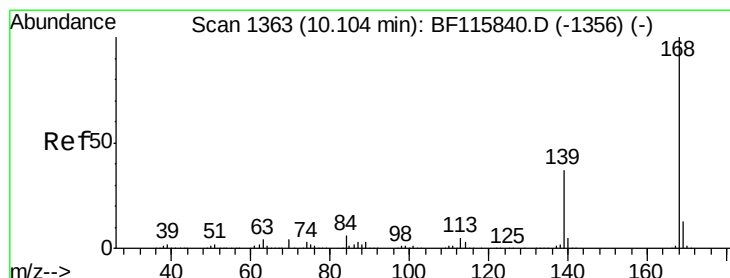
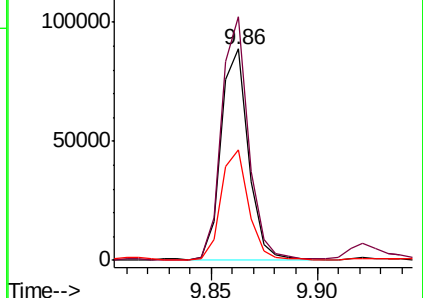
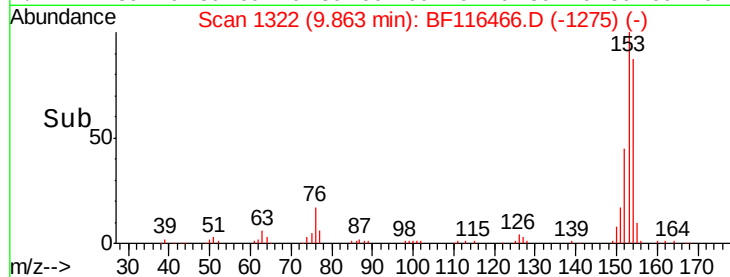
152 52.1 42.3 63.5



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: 5.018 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

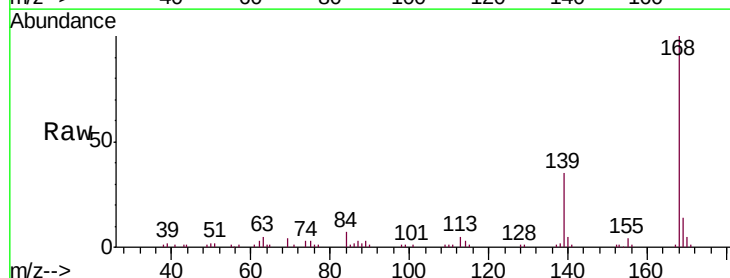
Tgt Ion:168 Resp: 65187

Ion Ratio Lower Upper

168 100

139 35.2 31.4 47.2

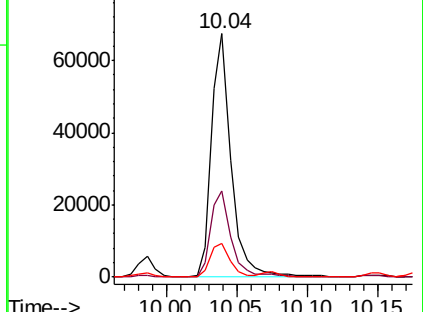
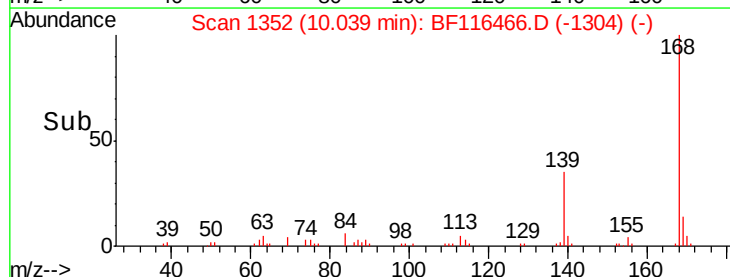
169 14.1 10.9 16.3

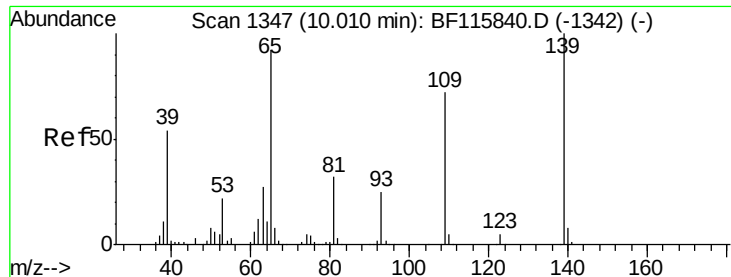


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

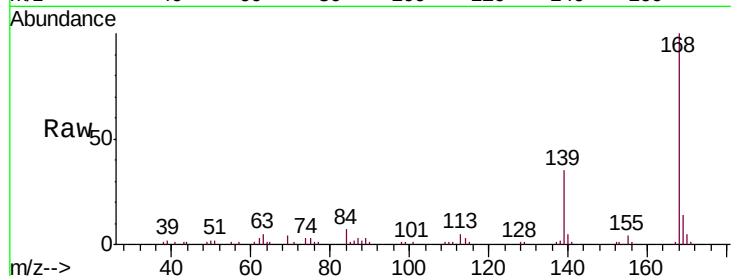




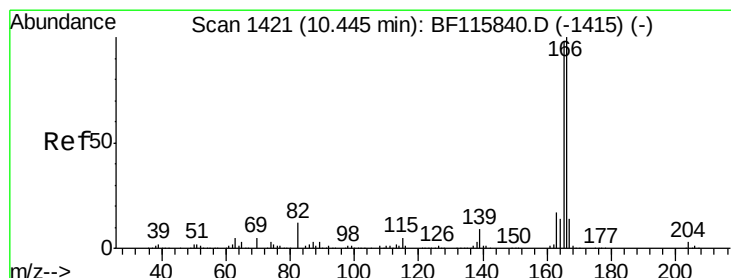
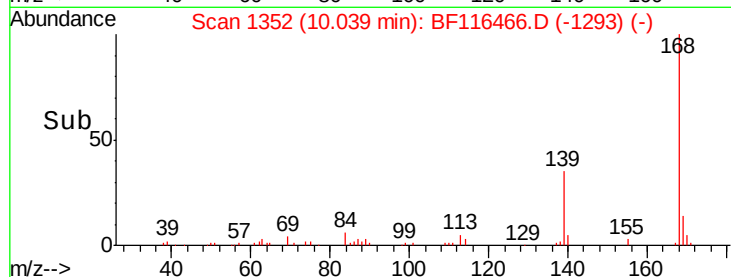
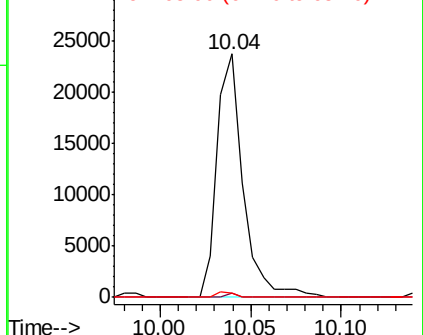
#56
4-Nitrophenol
Concen: 11.985 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.6	54.4	94.4#
65	1.6	80.6	120.6#

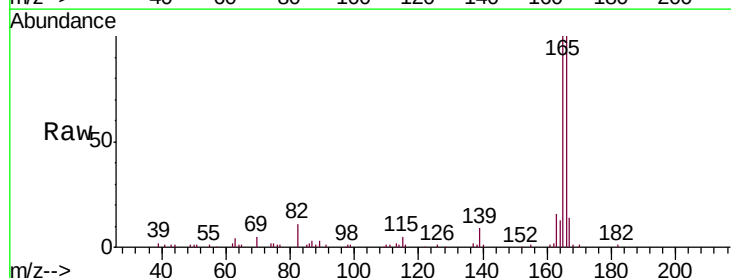


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

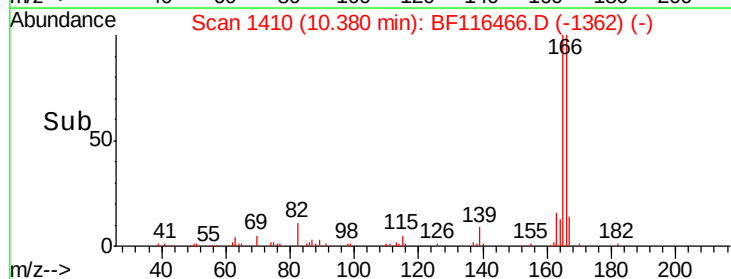
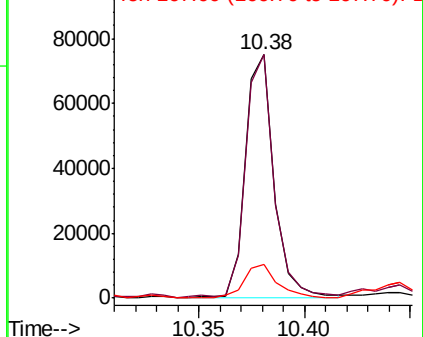


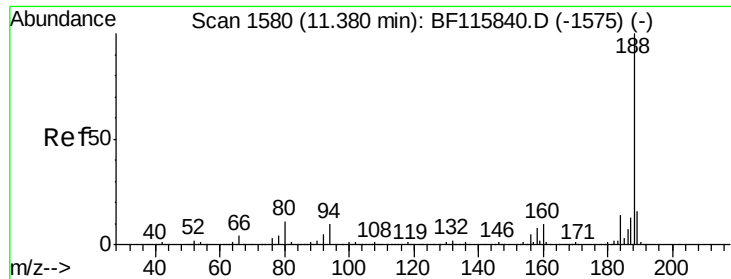
#58
Fluorene
Concen: 7.112 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.4	117.6
167	13.7	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: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

Instrument :

BNA_F

ClientSampleId :

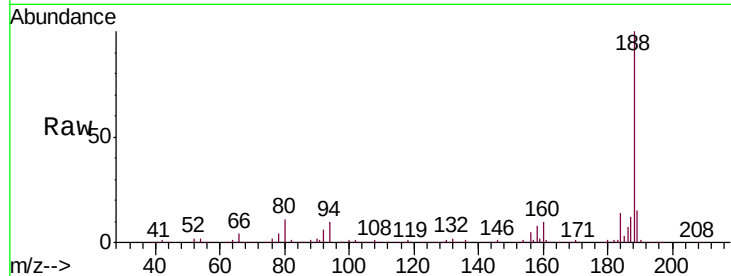
Tot Ion:188 Resp: 304439

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

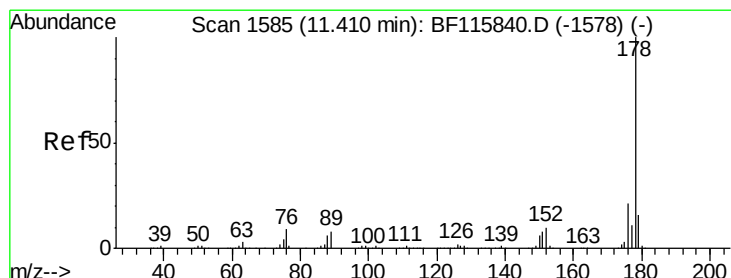
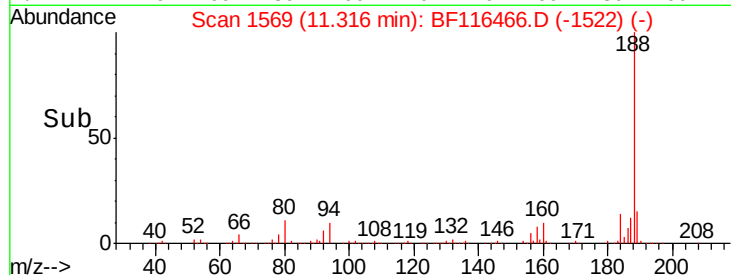
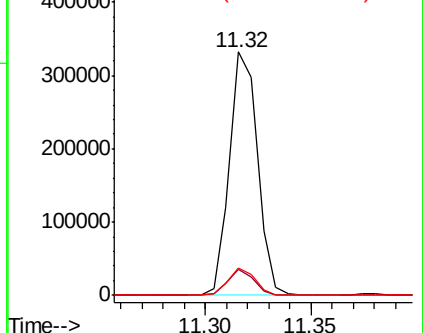
80 11.4 8.7 13.1



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: 67.495 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

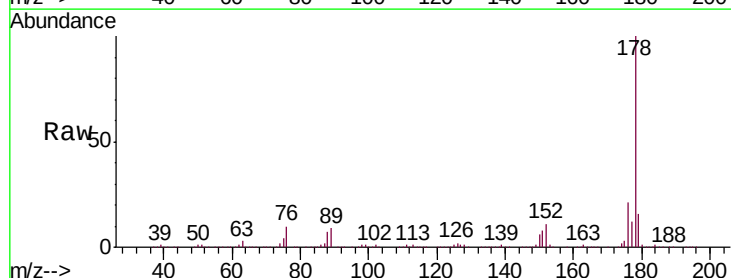
Tgt Ion:178 Resp: 1050458

Ion Ratio Lower Upper

178 100

176 20.5 16.6 24.8

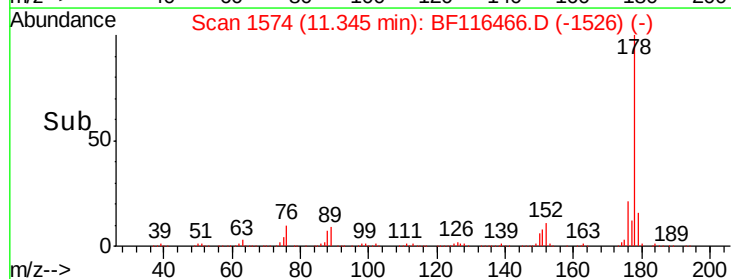
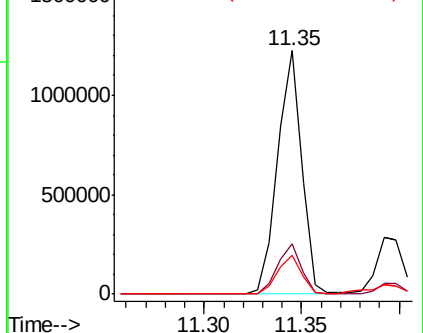
179 15.7 12.5 18.7

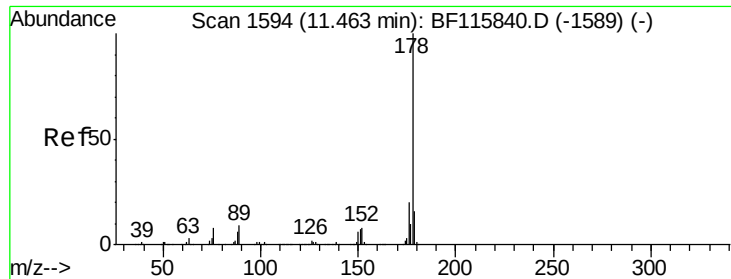


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 17.035 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

Instrument :

BNA_F

ClientSampleId :

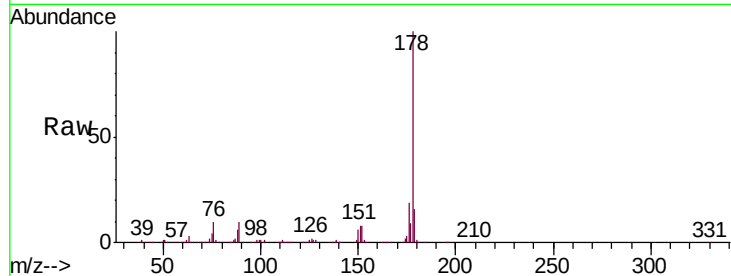
Tot Ion:178 Resp: 268320

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

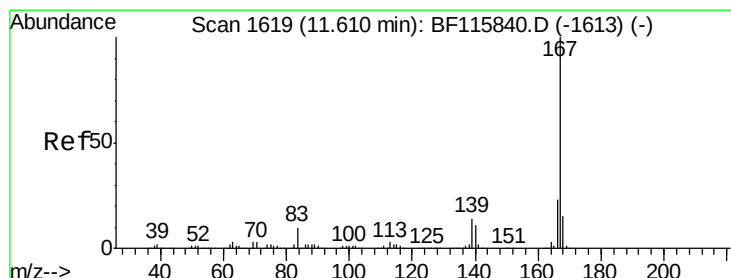
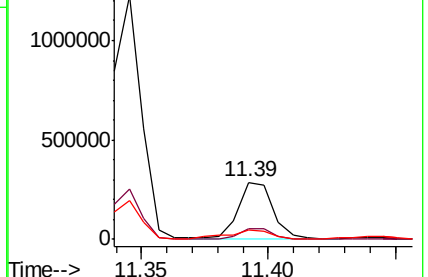
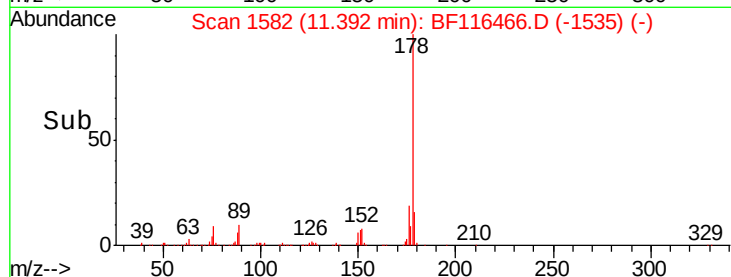
179 16.1 13.0 19.6



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: 6.176 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

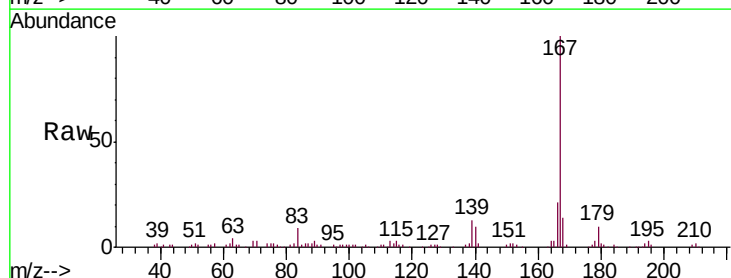
Tgt Ion:167 Resp: 88250

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.6

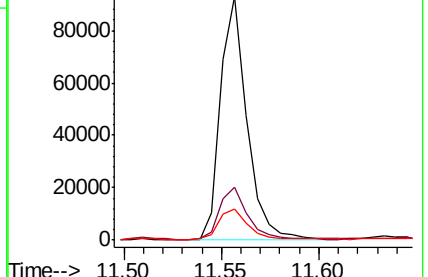
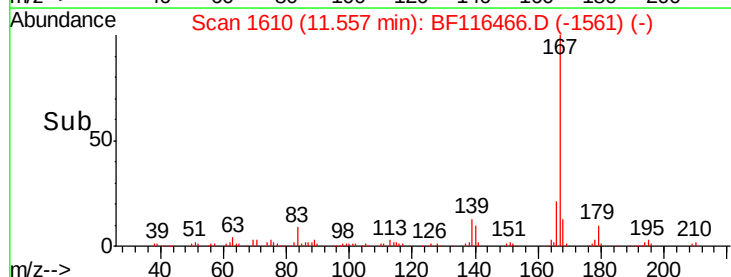
139 12.9 11.4 17.0

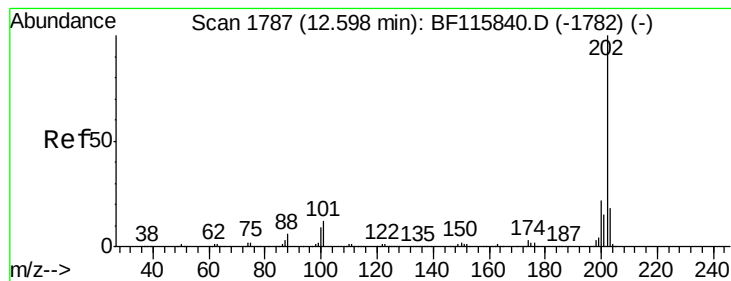


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 81.856 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

Instrument :

BNA_F

ClientSampleId :

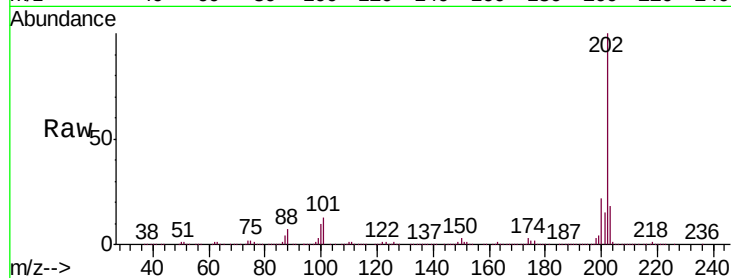
Tot Ion:202 Resp: 1333715

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.2

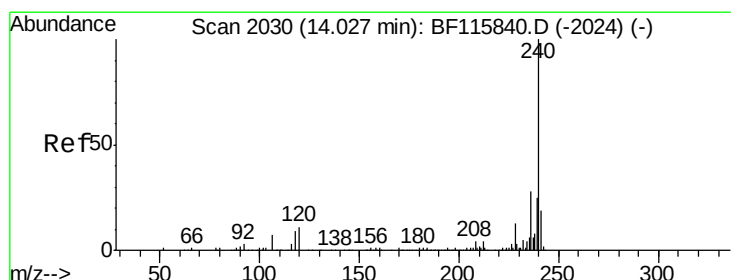
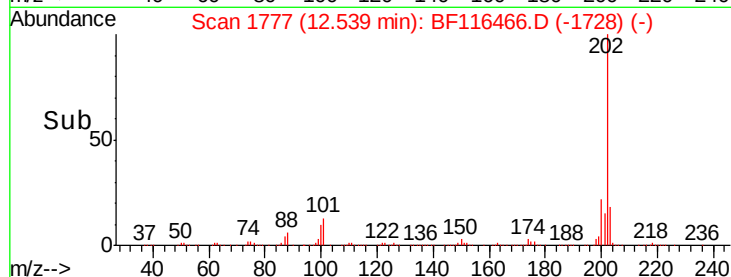
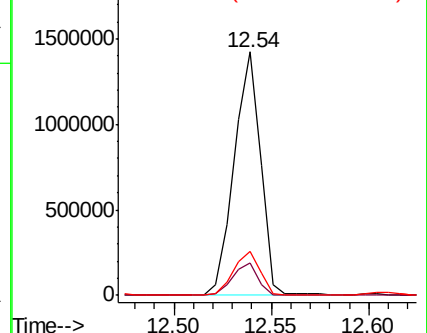
203 18.1 0.0 37.8



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

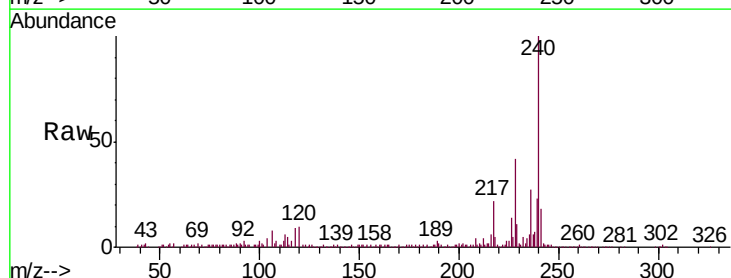
Tgt Ion:240 Resp: 231339

Ion Ratio Lower Upper

240 100

120 10.4 10.7 16.1#

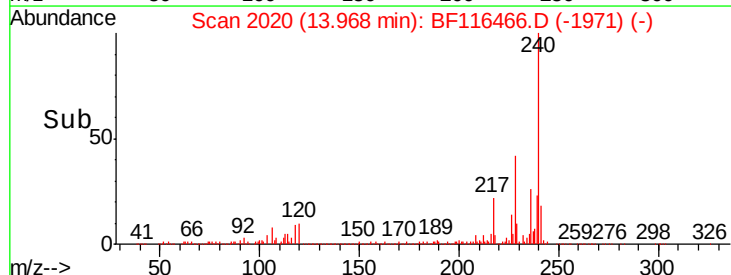
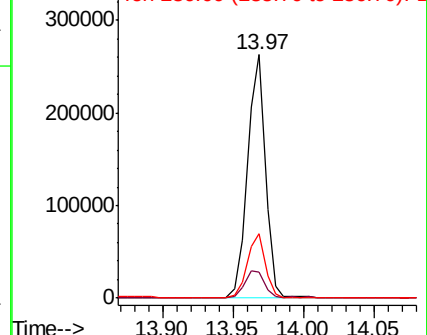
236 26.5 22.2 33.2

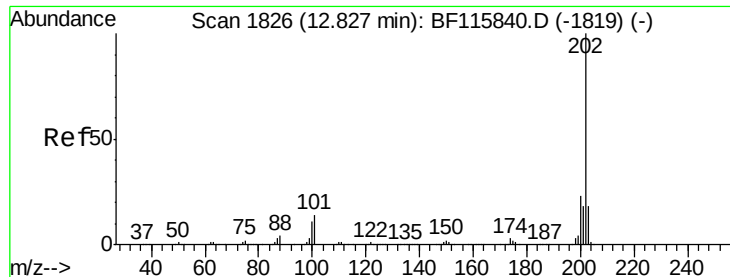


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

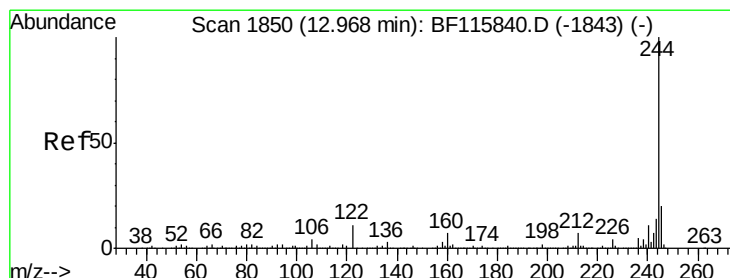
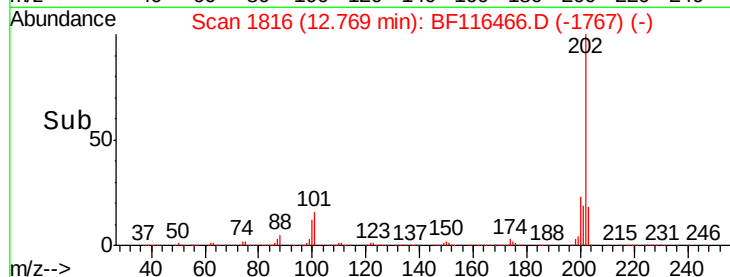
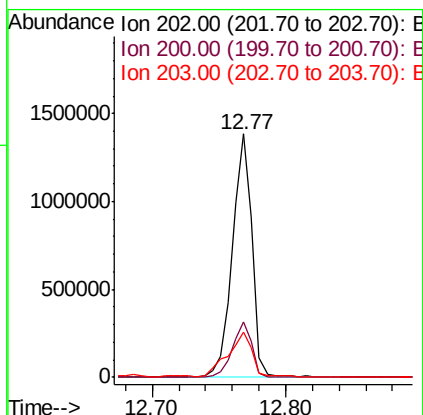
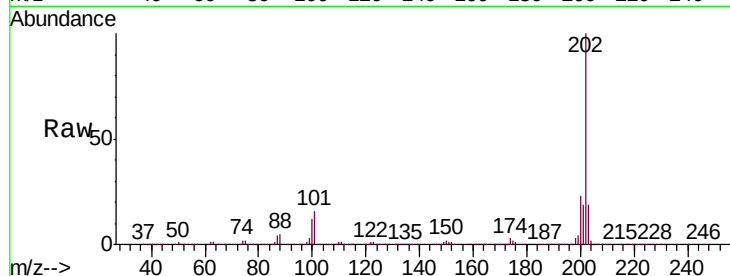




#78
Pvrene
Concen: 81.249 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

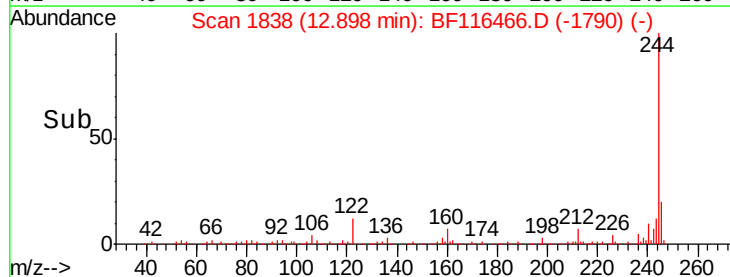
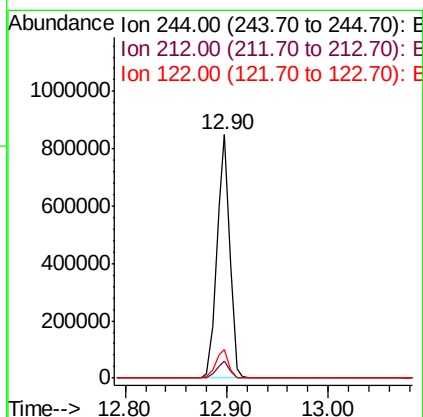
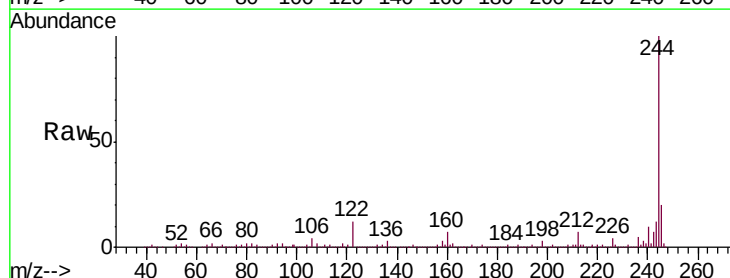
Instrument :
BNA_F
ClientSampleId :

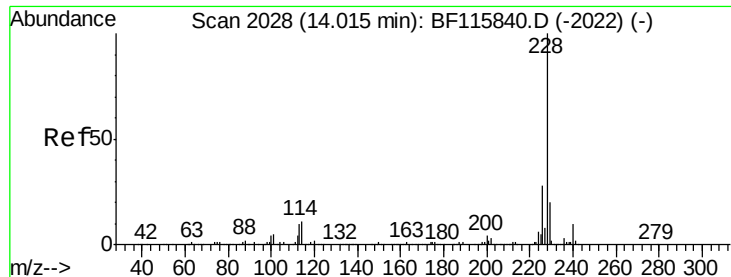
Tot Ion:202 Resp: 1416877
Ion Ratio Lower Upper
202 100
200 23.0 18.0 27.0
203 18.6 14.1 21.1



#79
Terphenyl-d14
Concen: 67.327 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

Tgt Ion:244 Resp: 739165
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 11.6 9.0 13.4





#81

Benzo(a)anthracene

Concen: 50.383 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

Instrument :

BNA_F

ClientSampleId :

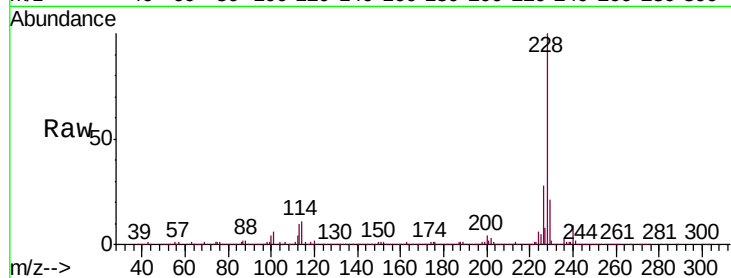
Tot Ion:228 Resp: 744985

Ion Ratio Lower Upper

228 100

226 28.0 22.7 34.1

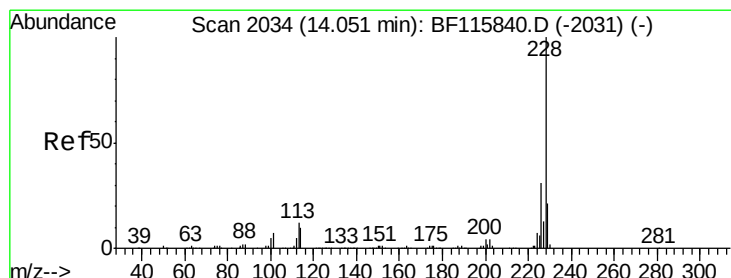
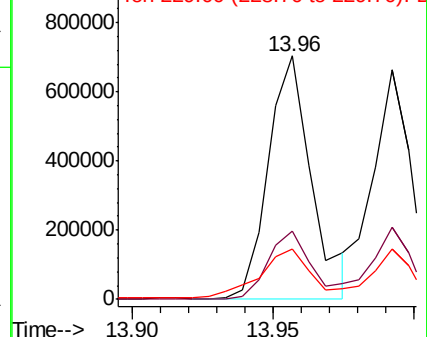
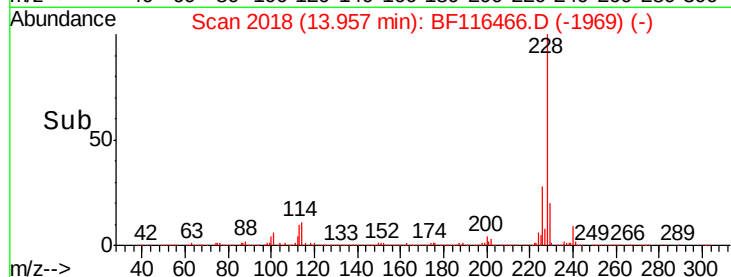
229 20.8 16.2 24.4



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: 42.685 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

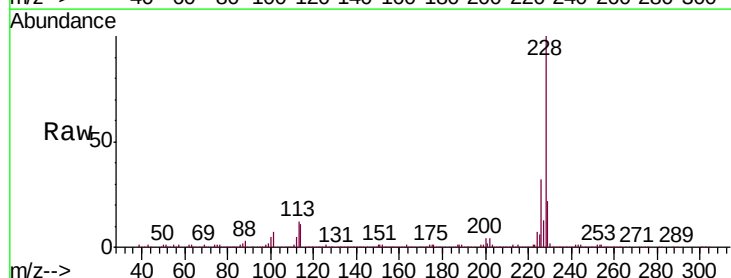
Tgt Ion:228 Resp: 612761

Ion Ratio Lower Upper

228 100

226 31.7 25.5 38.3

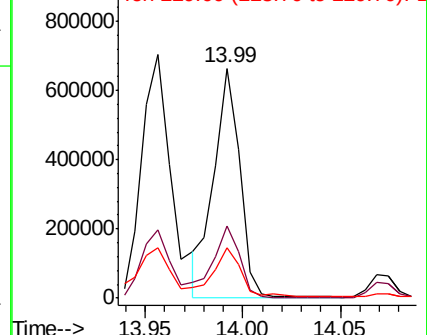
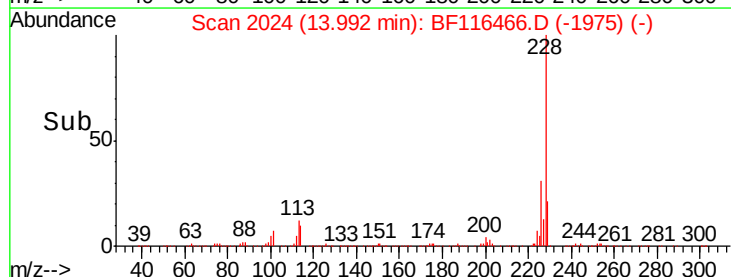
229 22.0 16.6 24.8

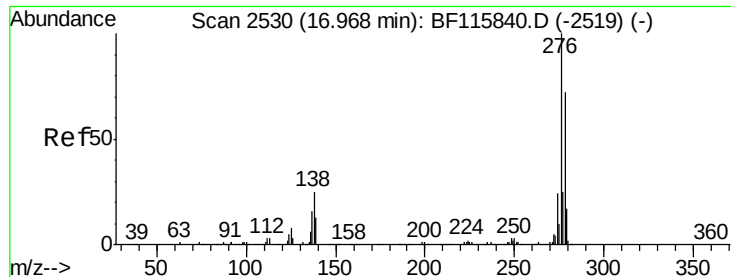


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

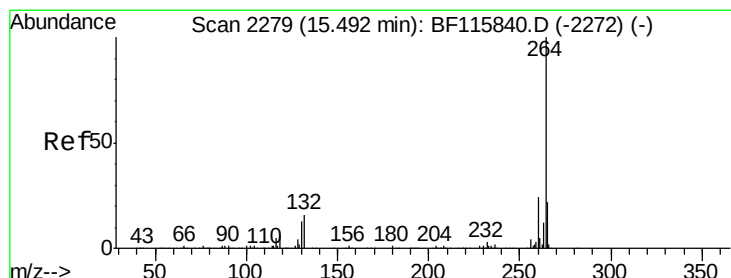
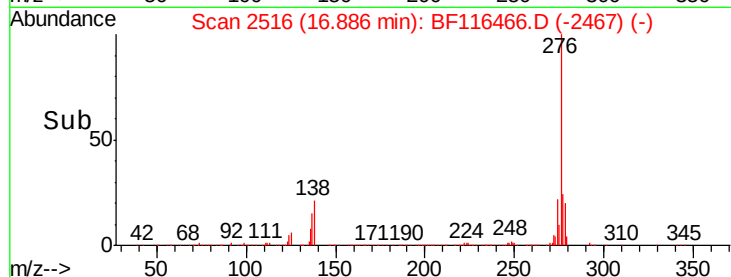
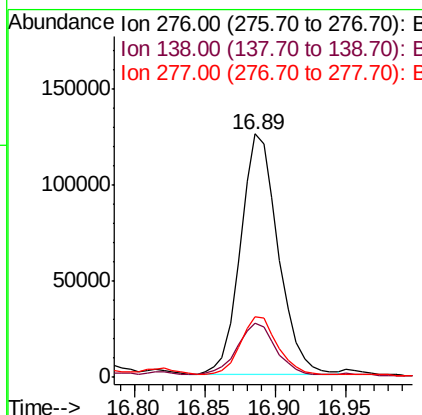
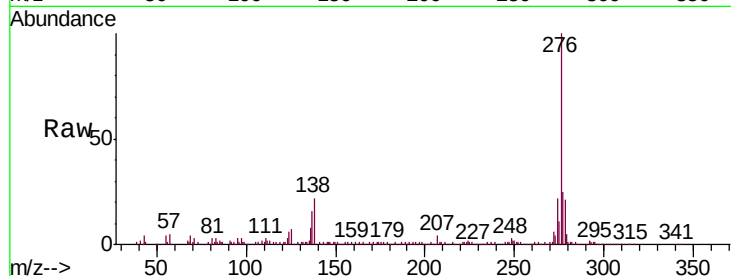




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 19.322 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BF116466.D
 Acq: 21 Aug 2019 15:29

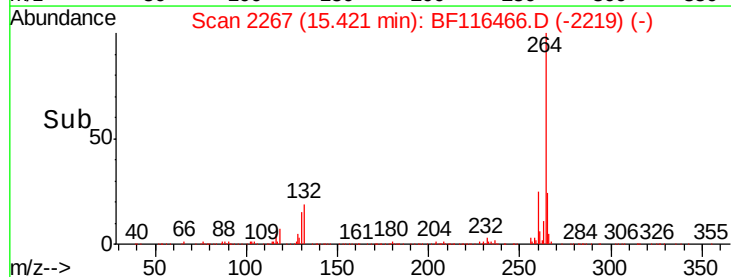
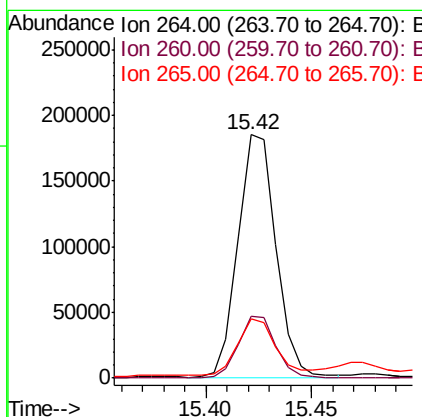
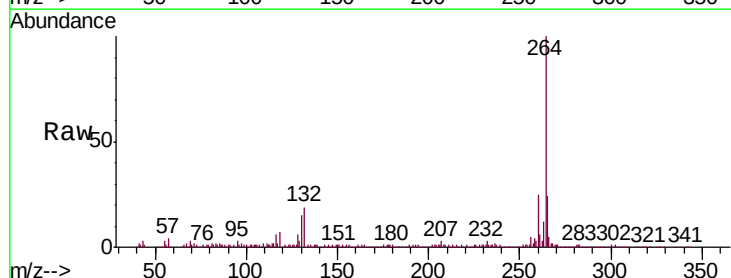
Instrument :
 BNA_F
 ClientSampleId :

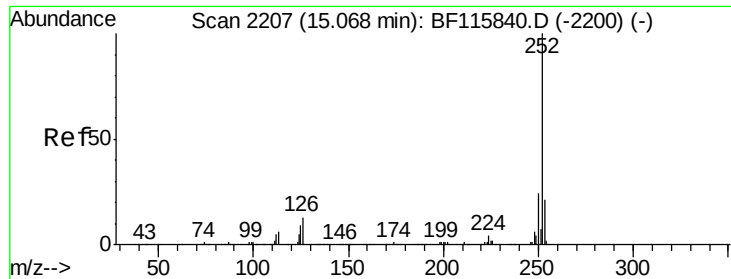
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.4	30.6
277	23.4	20.0	30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116466.D
 Acq: 21 Aug 2019 15:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	24.4	17.4	26.0

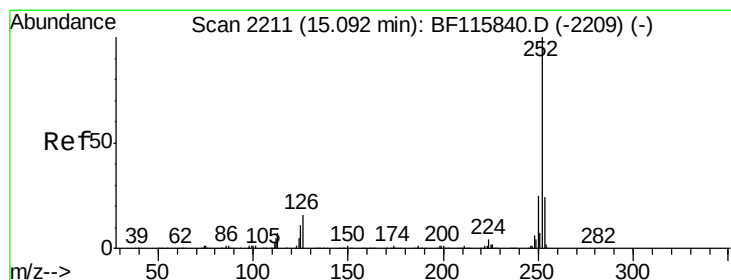
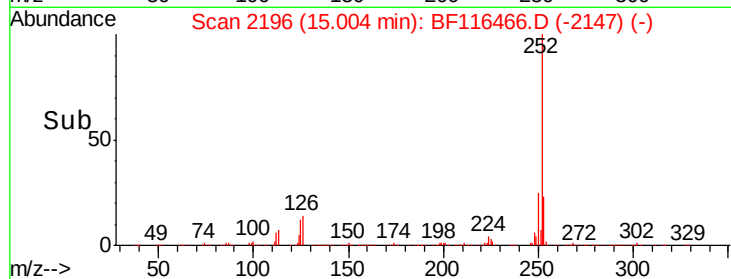
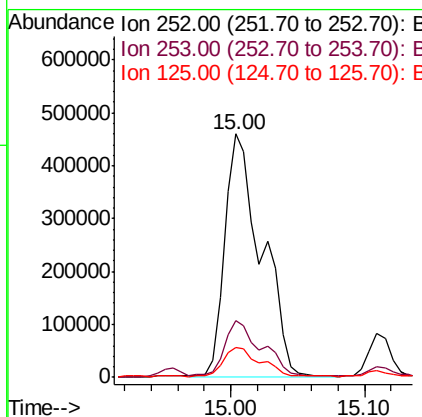
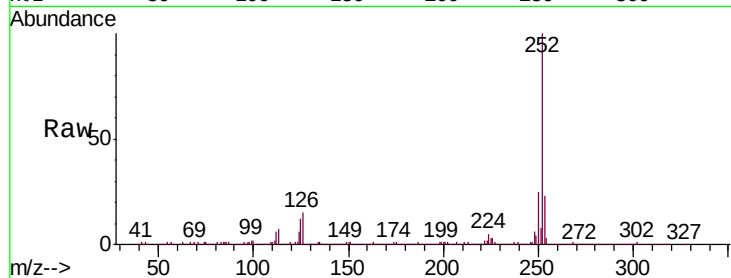




#88
Benzo(b)fluoranthene
Concen: 65.981 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

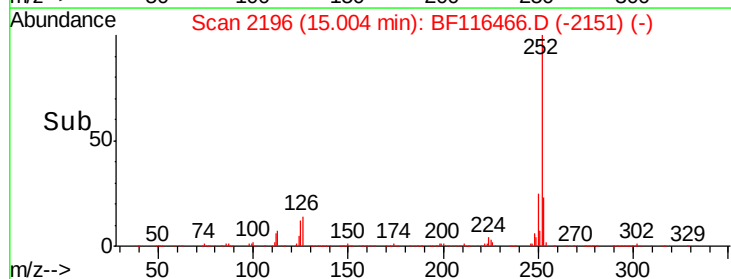
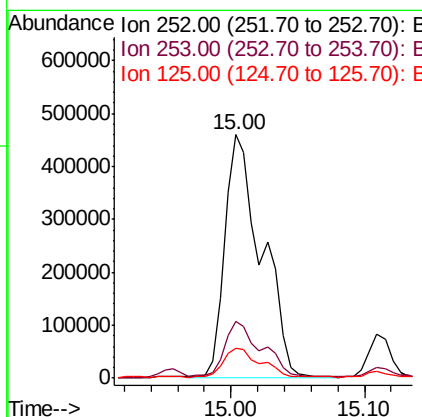
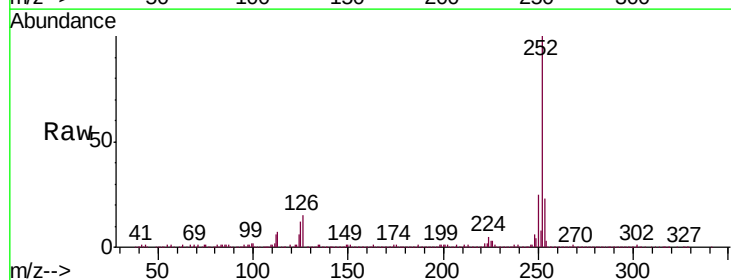
Instrument :
BNA_F
ClientSampleId :

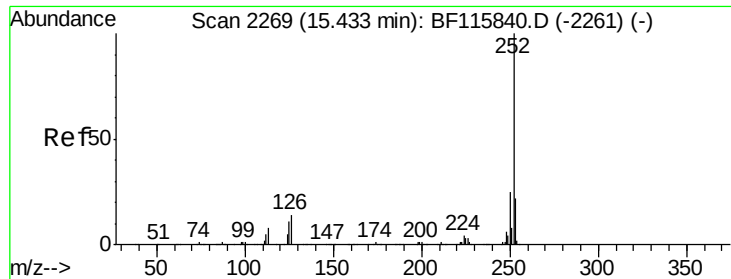
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	12.2	8.4	12.6



#89
Benzo(k)fluoranthene
Concen: 67.741 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF116466.D
Acq: 21 Aug 2019 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	12.2	7.7	11.5#





#90

Benzo(a)pyrene

Concen: 42.243 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

Instrument :

BNA_F

ClientSampled :

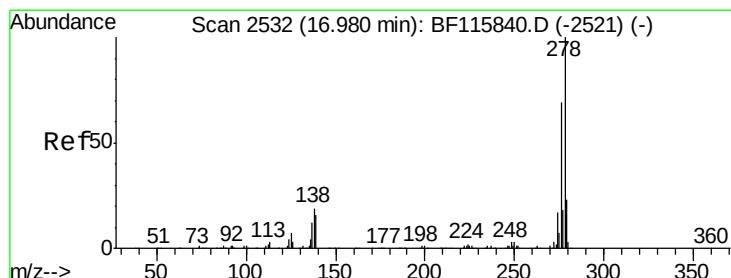
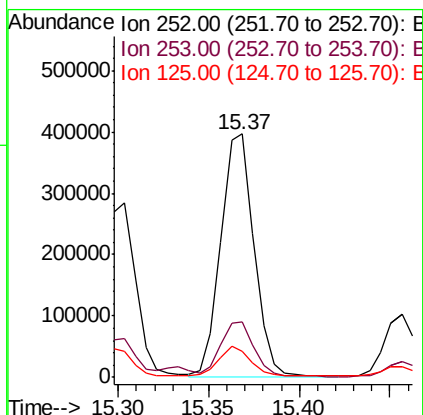
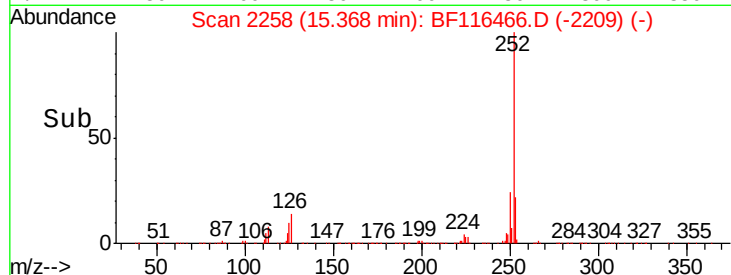
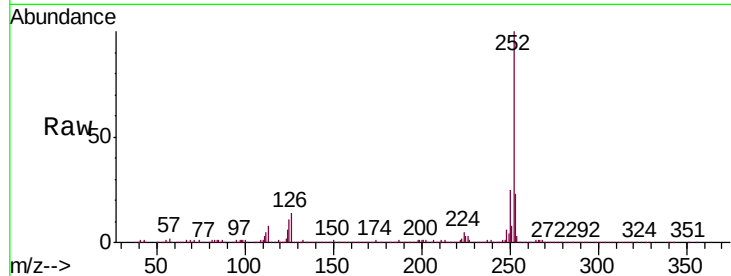
Tot Ion:252 Resp: 502889

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 10.5 8.9 13.3



#91

Dibenzo(a,h)anthracene

Concen: 3.209 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.21 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

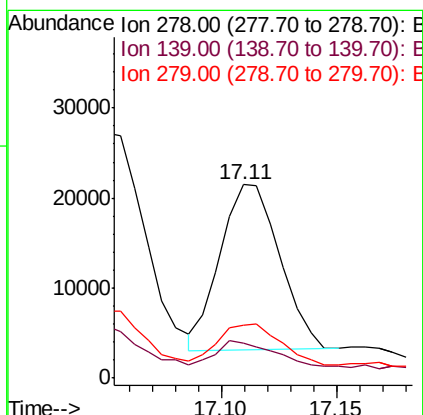
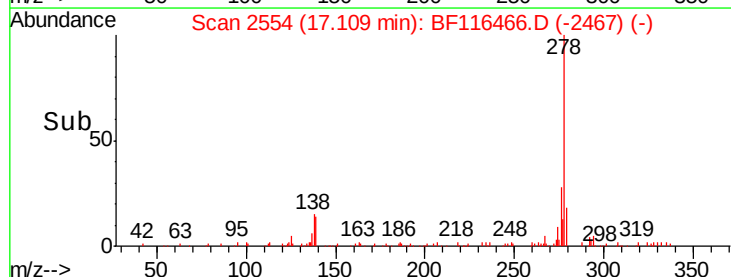
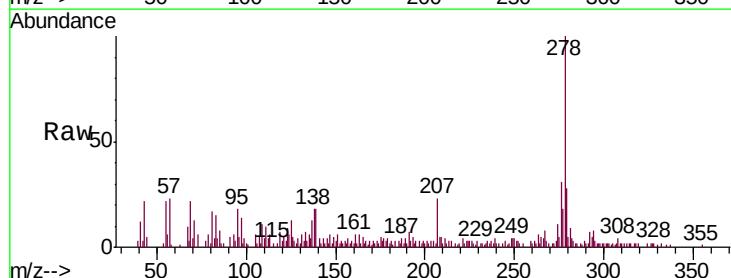
Tgt Ion:278 Resp: 33064

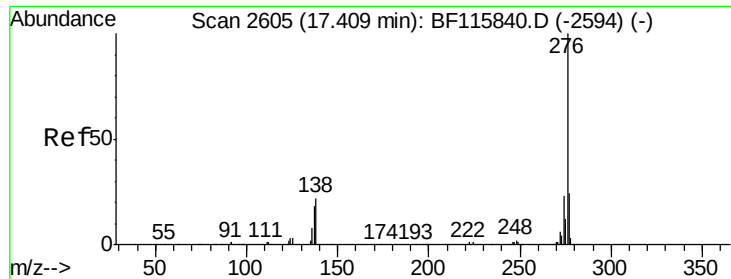
Ion Ratio Lower Upper

278 100

139 18.2 12.8 19.2

279 27.6 18.8 28.2





#92

Benzo(a,h,i)perylene

Concen: 22.255 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.01 min

Lab File: BF116466.D

Acq: 21 Aug 2019 15:29

Instrument :

BNA_F

ClientSampleId :

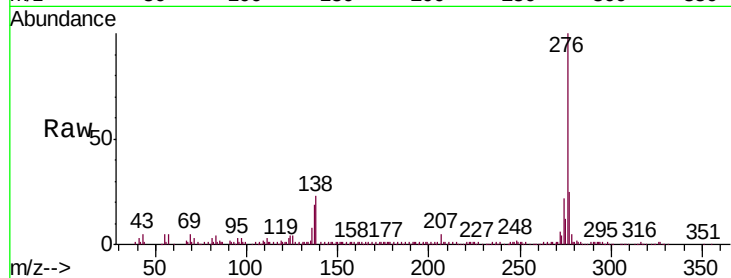
Tot Ion: 276 Resp: 225225

Ion Ratio Lower Upper

276 100

277 25.4 18.4 27.6

138 23.1 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

