

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116623.D
 Acq On : 28 Aug 2019 19:07
 Operator : HP/JU
 Sample : K4568-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 01:04:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	87499	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	331293	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	179625	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	317377	20.00	ng	0.00
76) Chrysene-d12	14.00	240	149868	20.00	ng	0.00
87) Perylene-d12	15.46	264	127751	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	781962	154.36	ng	0.00
7) Phenol-d6	6.49	99	1047582	152.53	ng	0.00
23) Nitrobenzene-d5	7.42	82	652832	112.76	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	260988	152.68	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1072326	99.35	ng	0.00
79) Terphenyl-d14	12.96	244	1091251	118.42	ng	0.00

Target Compounds

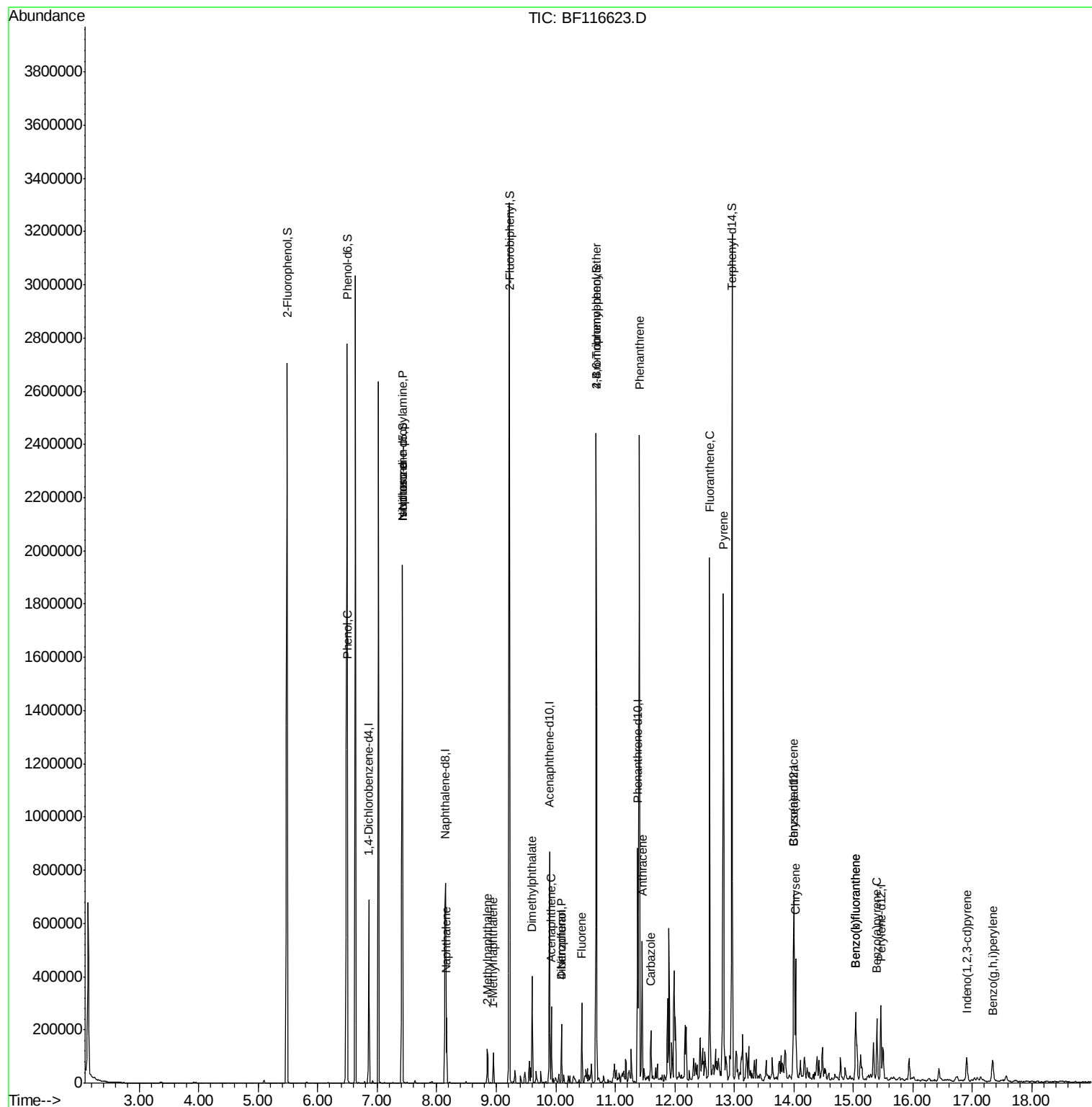
						Qvalue
9) Benzaldehyde	6.49	77	1844	Below Cal	#	1
10) Phenol	6.50	94	25237	3.350 ng		98
19) n-Nitroso-di-n-propylamine	7.42	70	87862	20.117 ng	#	78
25) Isophorone	7.42	82	650615	61.728 ng	#	65
31) Naphthalene	8.16	128	95745	6.033 ng		99
37) 2-Methylnaphthalene	8.85	142	32777	3.307 ng		97
38) 1-Methylnaphthalene	8.95	142	27517	2.843 ng		94
50) Dimethylphthalate	9.60	163	144138	11.936 ng		99
52) Acenaphthene	9.93	154	53304	5.042 ng		96
55) Dibenzofuran	10.10	168	66004	4.636 ng		97
56) 4-Nitrophenol	10.10	139	25026	10.353 ng	#	12
58) Fluorene	10.44	166	69263	6.411 ng		99
67) 4-Bromophenyl-phenylether	10.68	248	17371	5.160 ng	#	1
71) Phenanthrene	11.40	178	835607	49.018 ng		99
72) Anthracene	11.45	178	179013	10.502 ng		98
73) Carbazole	11.60	167	65358	4.505 ng		98
75) Fluoranthene	12.59	202	726211	47.500 ng		99
78) Pyrene	12.82	202	686391	49.807 ng		99
81) Benzo(a)anthracene	14.00	228	175999	17.614 ng		97
83) Chrysene	14.03	228	163422	16.707 ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	62900	11.492 ng	#	94
88) Benzo(b)fluoranthene	15.04	252	184348	23.498 ng		98
89) Benzo(k)fluoranthene	15.04	252	184348	24.721 ng		97
90) Benzo(a)pyrene	15.40	252	104205	14.883 ng		98
92) Benzo(g,h,i)perylene	17.34	276	63291	9.317 ng		97

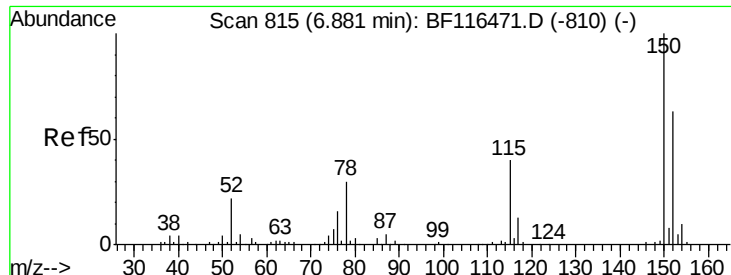
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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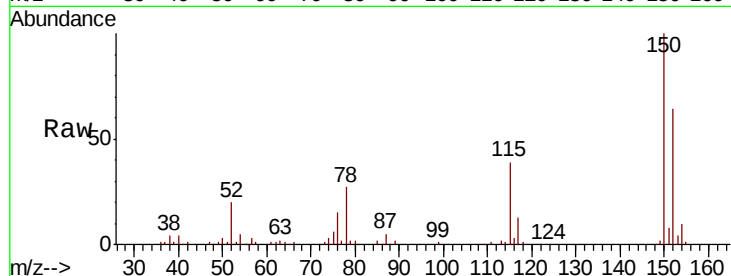


#1

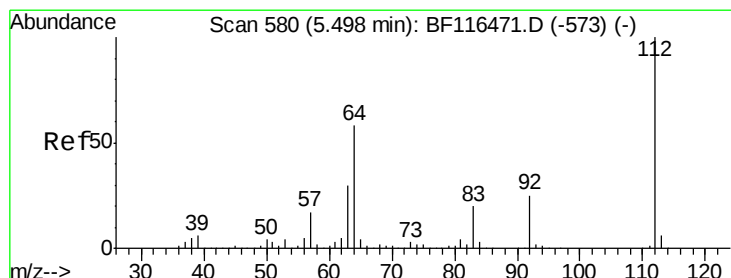
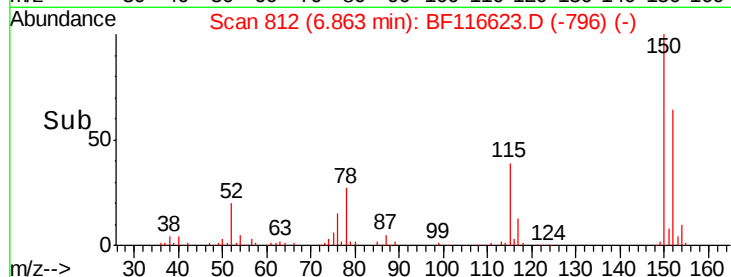
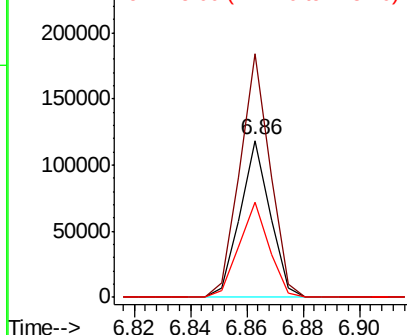
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116623.D
Acq: 28 Aug 2019 19:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 87499
Ion Ratio Lower Upper
152 100
150 155.5 123.4 185.2
115 60.9 48.2 72.2



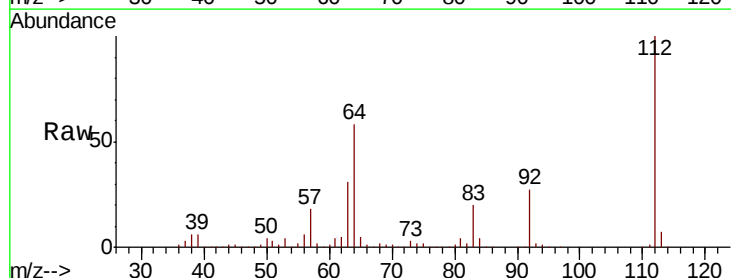
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



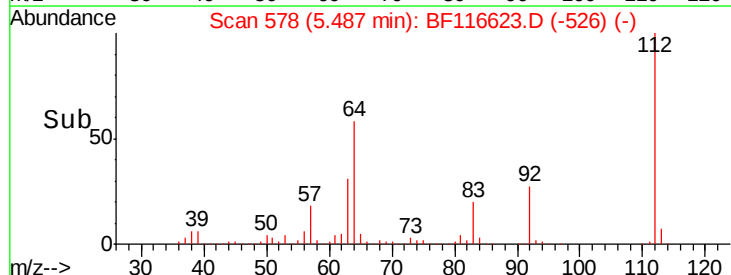
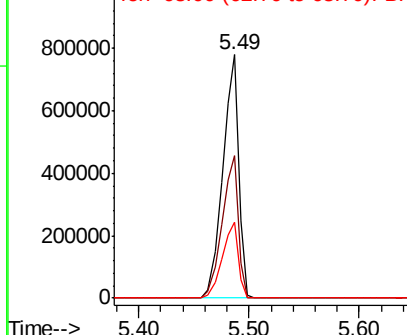
#5

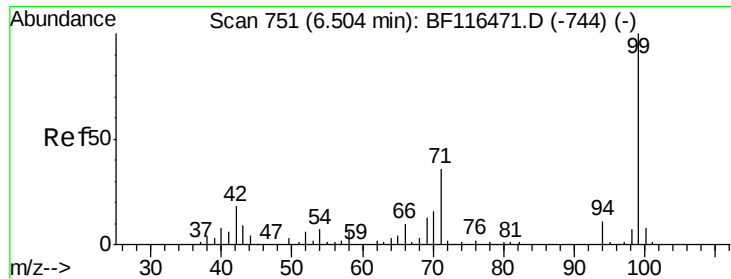
2-Fluorophenol
Concen: 154.359 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116623.D
Acq: 28 Aug 2019 19:07

Tgt Ion:112 Resp: 781962
Ion Ratio Lower Upper
112 100
64 58.4 48.0 72.0
63 31.0 24.6 36.8



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: 152.531 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

Instrument :

BNA_F

ClientSampled :

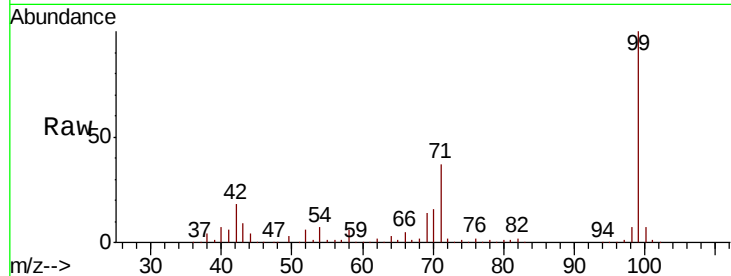
Tot Ion: 99 Resp: 1047582

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.2	19.8
71	36.9	27.4	41.2

99 100

42 18.0 13.2 19.8

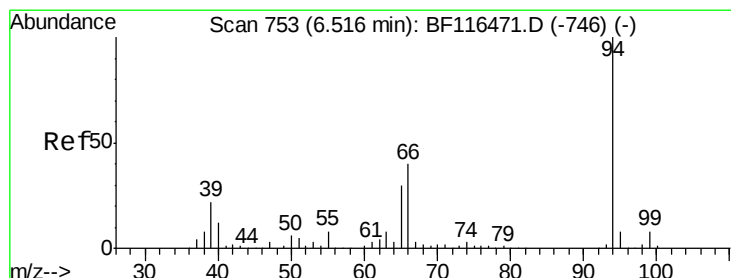
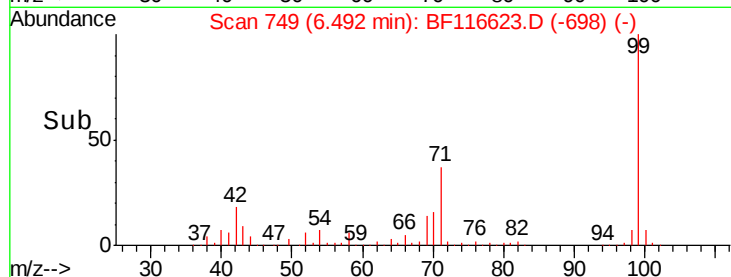
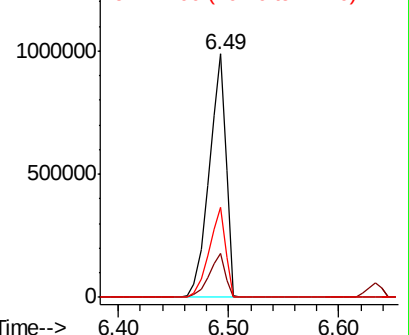
71 36.9 27.4 41.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.350 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

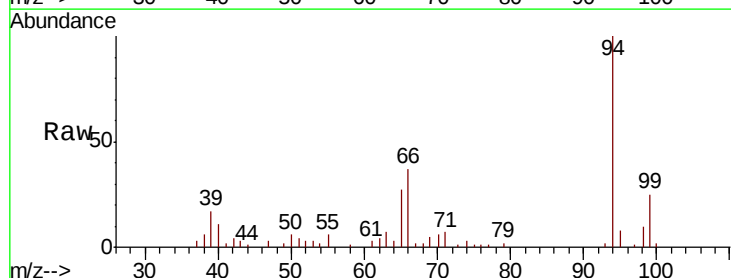
Tgt Ion: 94 Resp: 25237

Ion	Ratio	Lower	Upper
94	100		
65	27.1	8.6	48.6
66	37.3	18.0	58.0

94 100

65 27.1 8.6 48.6

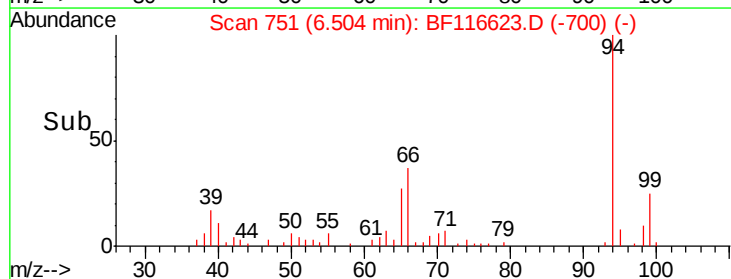
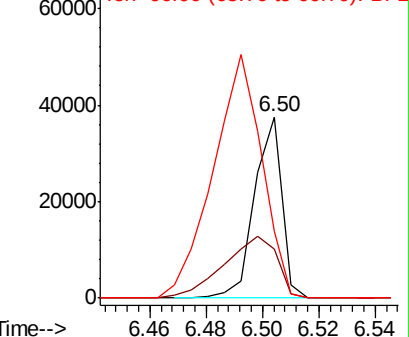
66 37.3 18.0 58.0

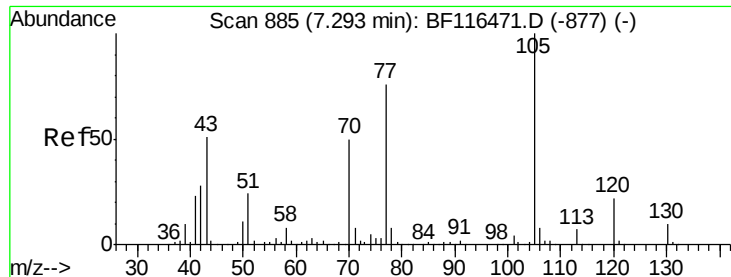


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

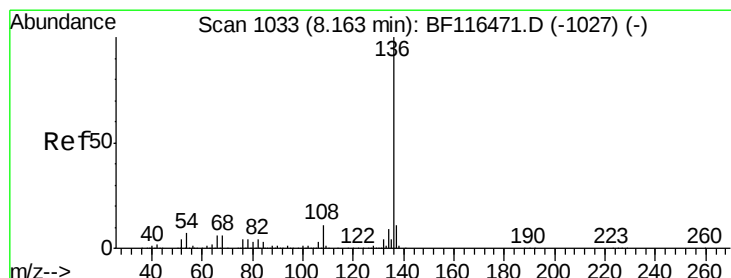
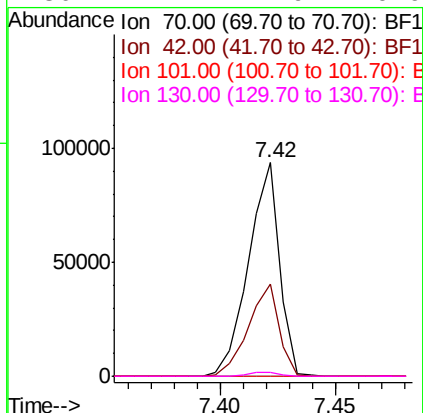
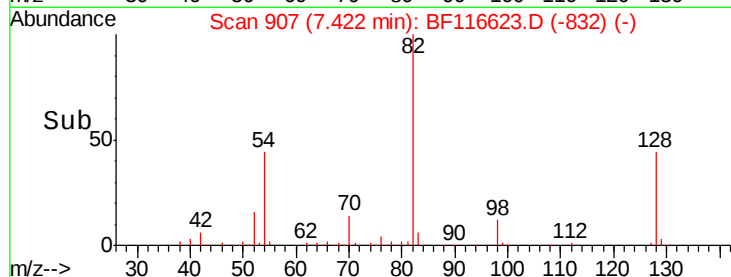
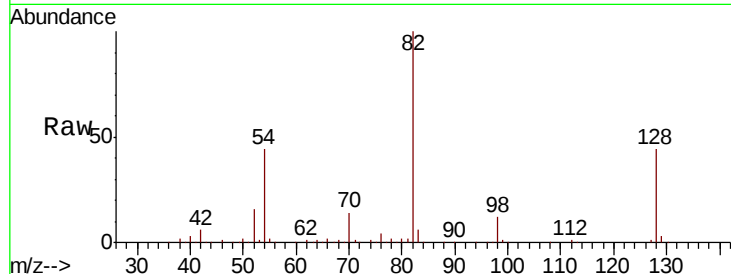




#19
 n-Nitroso-di-n-propylamine
 Concen: 20.117 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.14 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

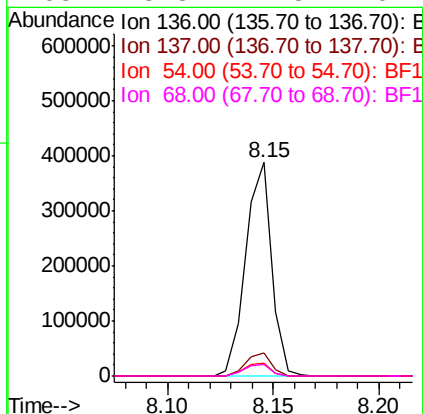
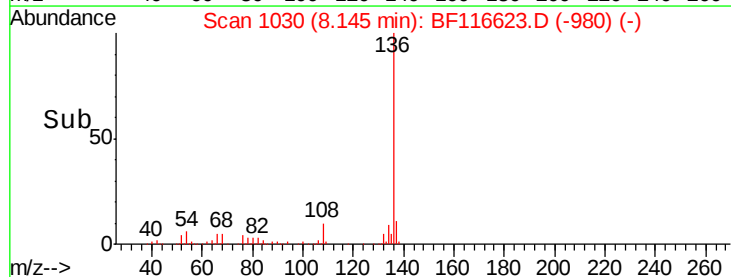
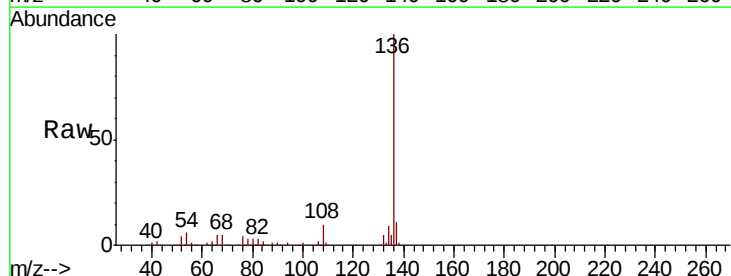
Instrument :
 BNA_F
 ClientSampled :

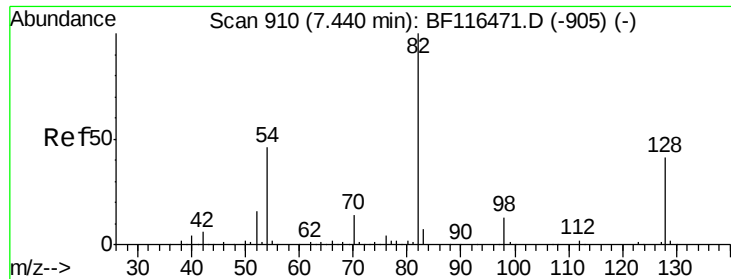
Tot Ion: 70 Resp: 87862
 Ion Ratio Lower Upper
 70 100
 42 43.4 41.2 61.8
 101 0.0 7.7 11.5#
 130 1.7 17.9 26.9#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

Tgt Ion:136 Resp: 331293
 Ion Ratio Lower Upper
 136 100
 137 10.5 8.7 13.1
 54 5.9 5.0 7.4
 68 5.3 4.5 6.7

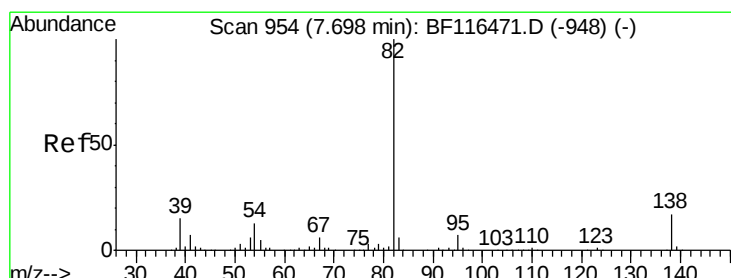
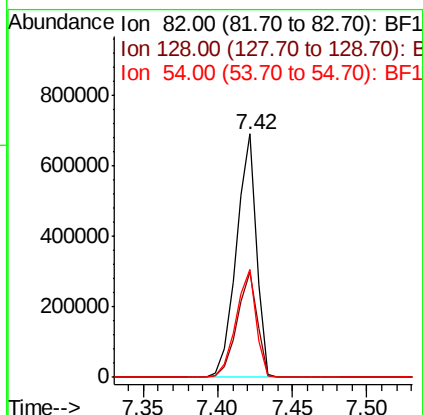
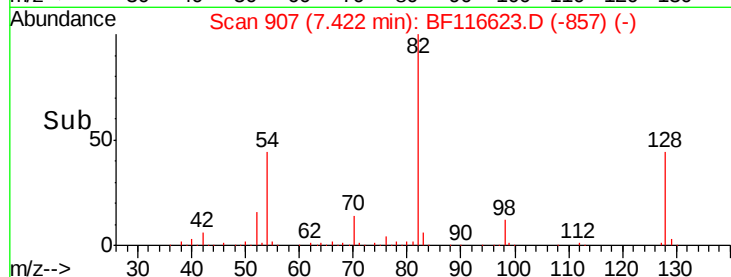
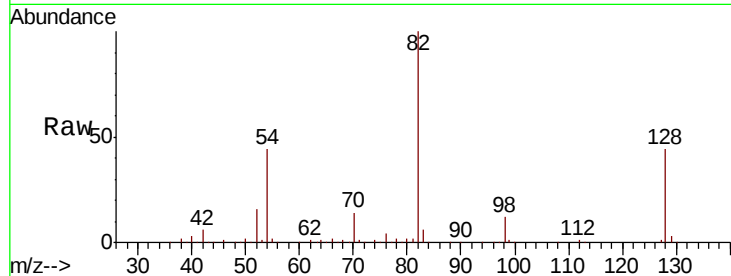




#23
 Nitrobenzene-d5
 Concen: 112.755 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

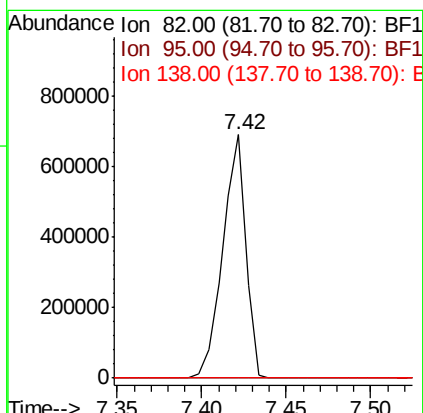
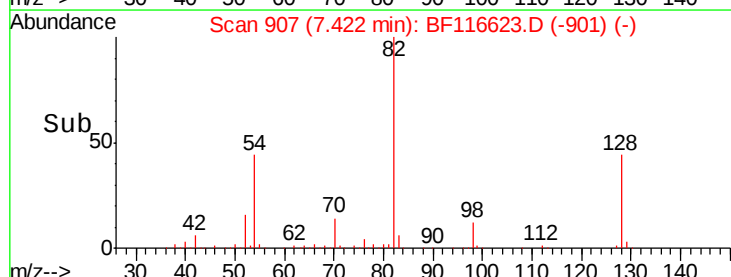
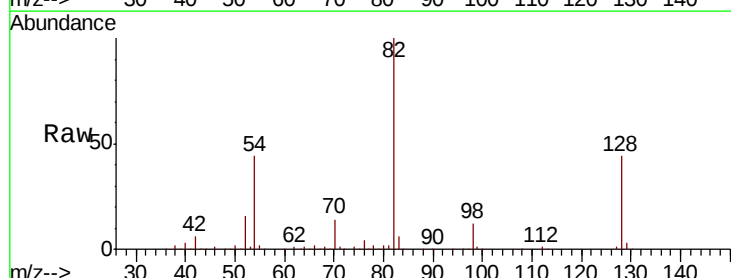
Instrument :
 BNA_F
 ClientSampleID :

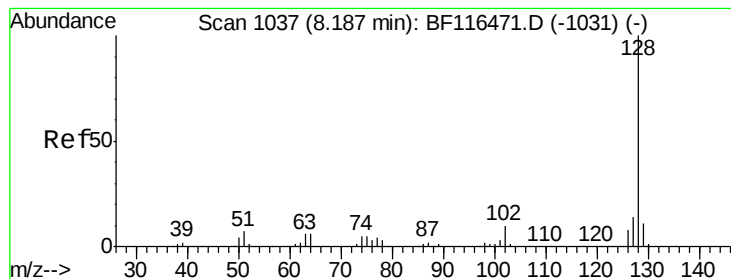
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.0	52.6
54	44.3	34.4	51.6



#25
 Isophorone
 Concen: 61.728 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.26 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.4	21.6#





#31

Naphthalene

Concen: 6.033 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

Instrument :

BNA_F

ClientSampleId :

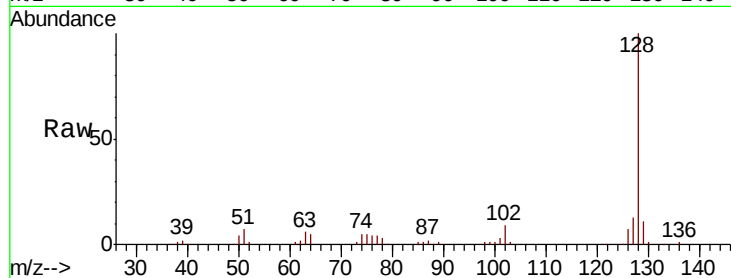
Tot Ion:128 Resp: 95745

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

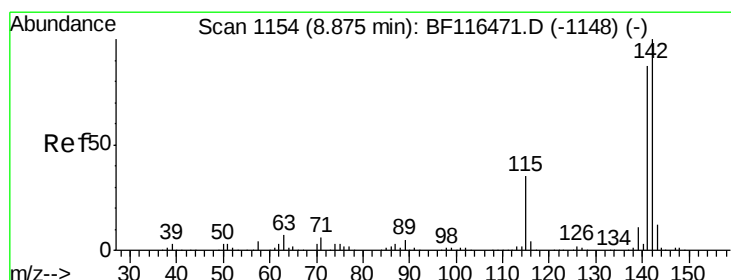
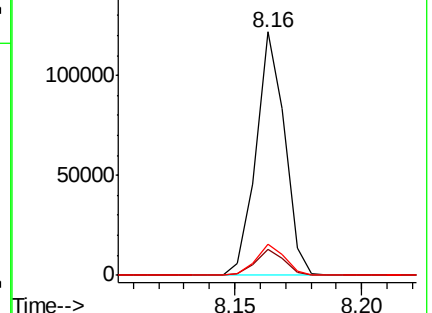
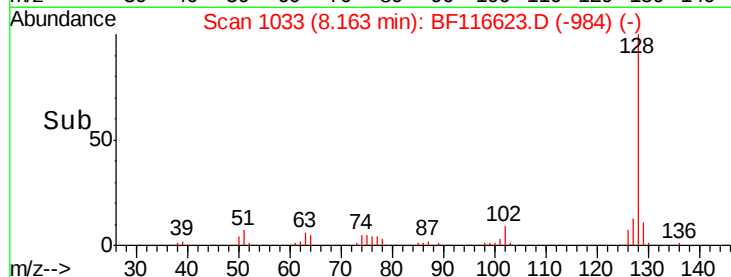
127 12.7 10.9 16.3



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: 3.307 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

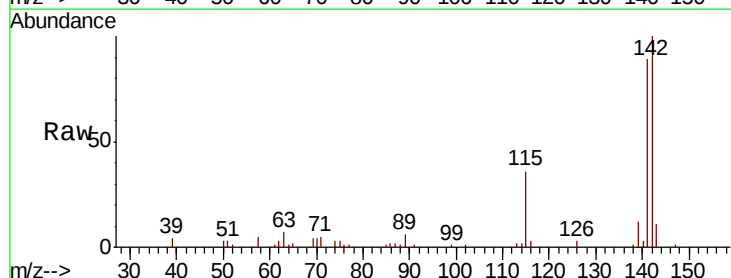
Tgt Ion:142 Resp: 32777

Ion Ratio Lower Upper

142 100

141 88.8 69.5 104.3

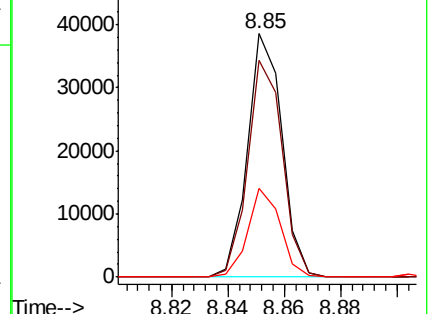
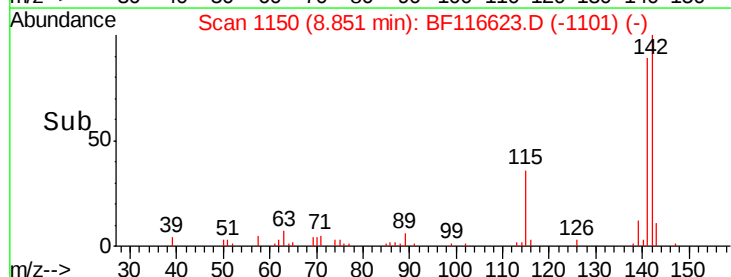
115 36.4 26.0 39.0

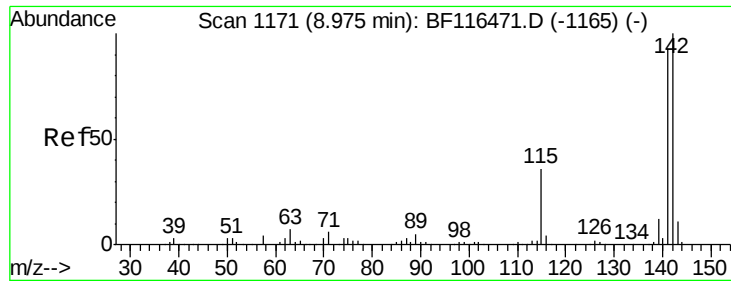


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

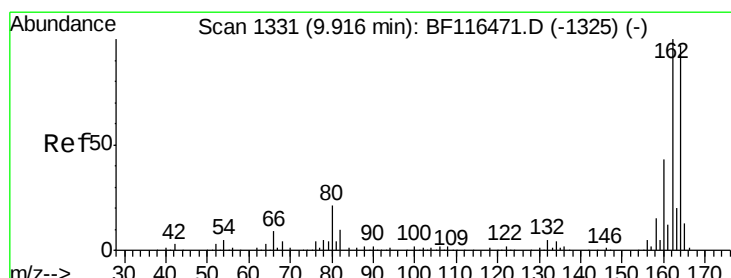
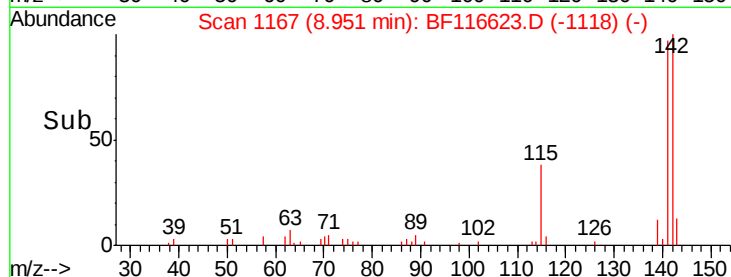
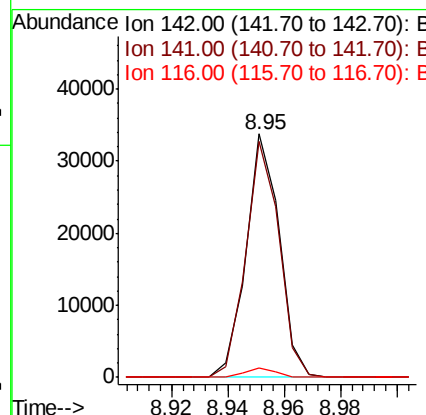
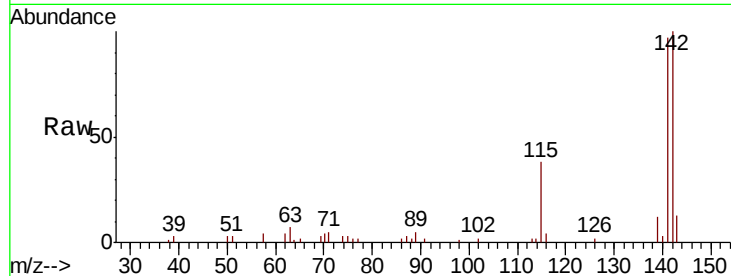




#38
 1-Methylnaphthalene
 Concen: 2.843 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

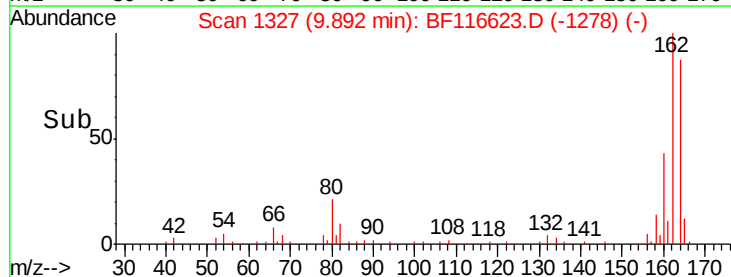
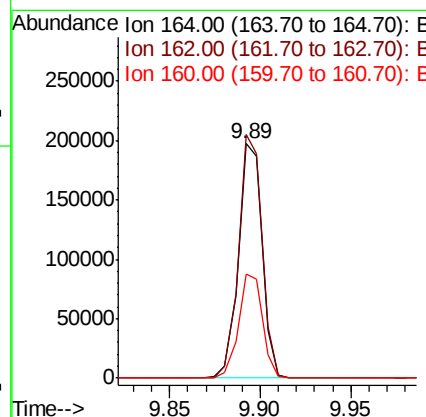
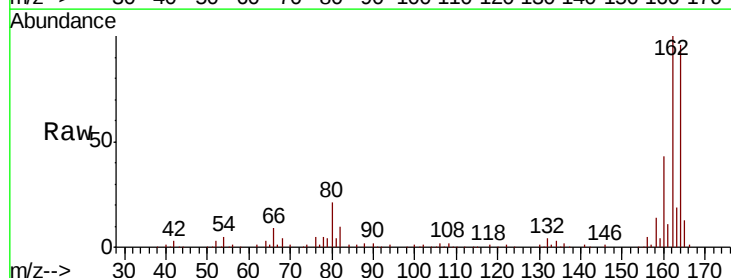
Instrument :
 BNA_F
 ClientSampleId :

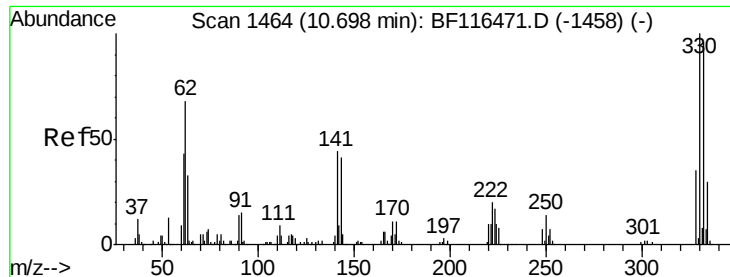
Tot Ion:142 Resp: 27517
 Ion Ratio Lower Upper
 142 100
 141 97.0 73.1 109.7
 116 3.9 2.7 4.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

Tgt Ion:164 Resp: 179625
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.4 125.0
 160 44.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 152.685 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

Instrument :

BNA_F

ClientSampleId :

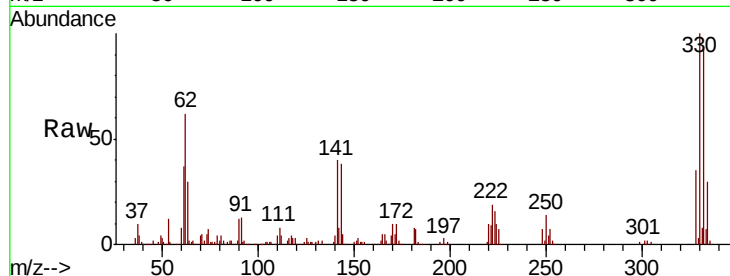
Tot Ion:330 Resp: 260988

Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

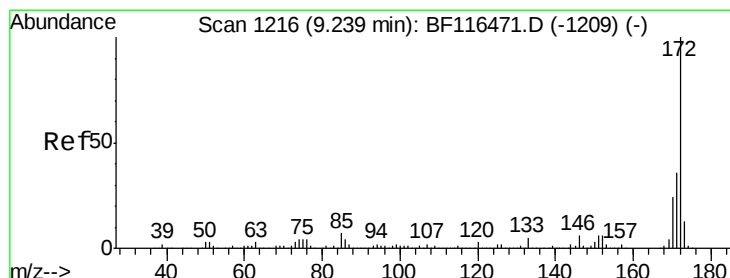
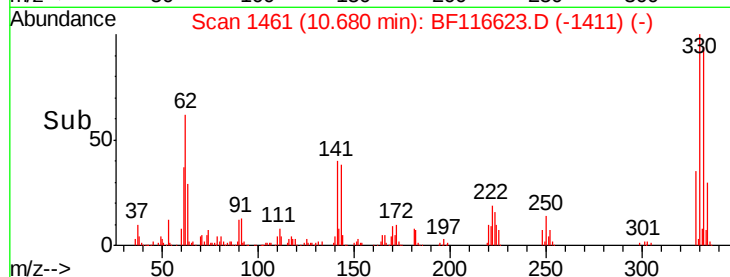
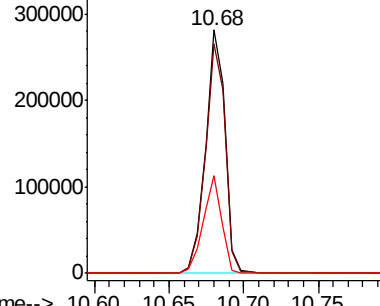
141 38.6 28.2 42.2



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: 99.349 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

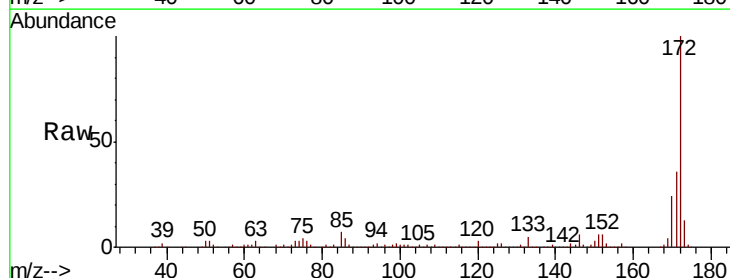
Tgt Ion:172 Resp: 1072326

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

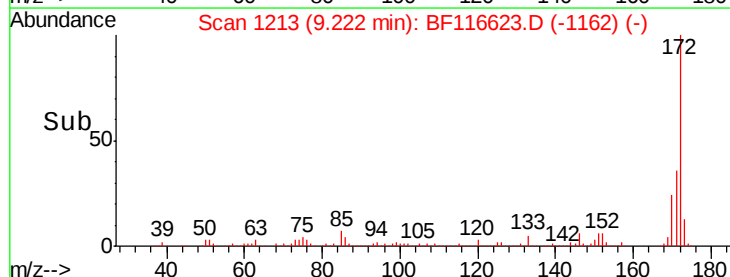
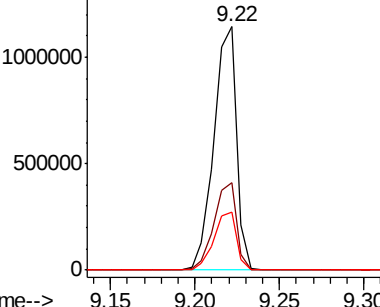
170 24.0 19.3 28.9

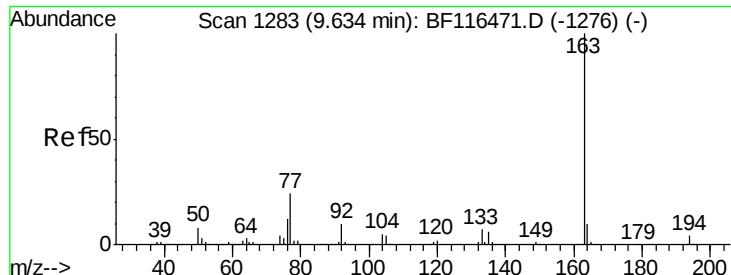


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

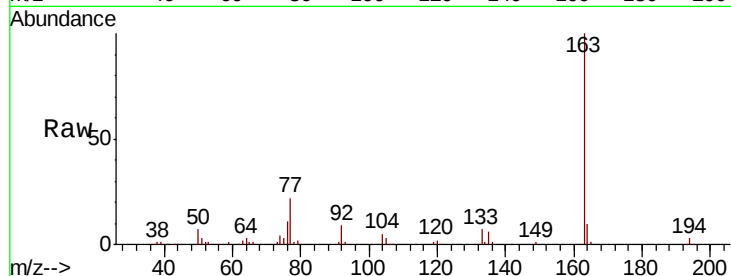




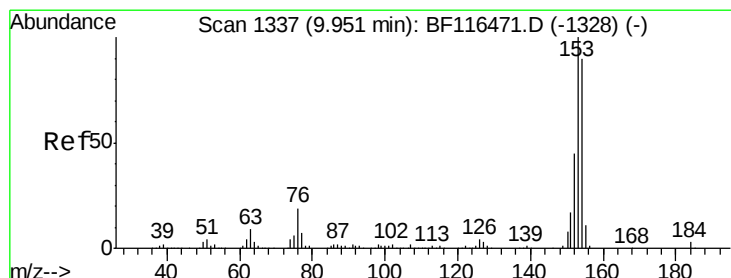
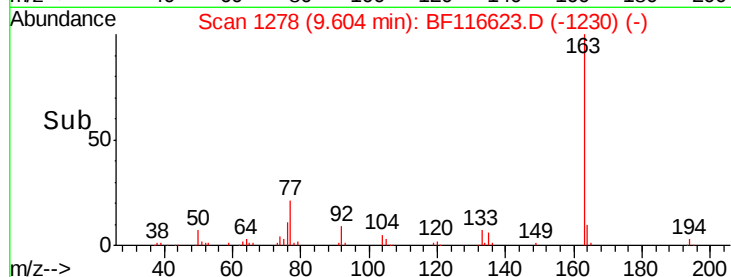
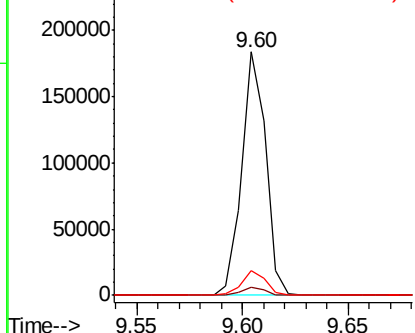
#50
Dimethylphthalate
Concen: 11.936 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116623.D
Acq: 28 Aug 2019 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.6
164	10.0	8.2	12.2

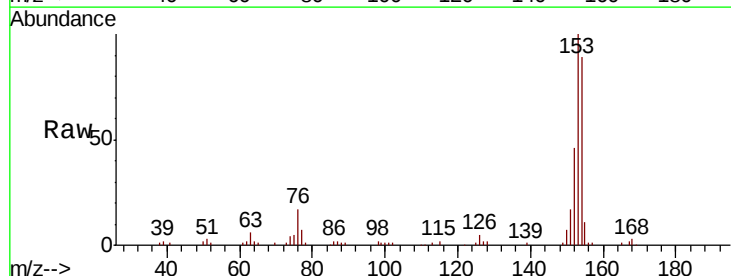


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

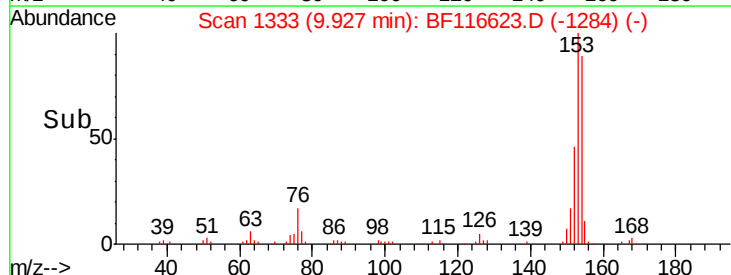
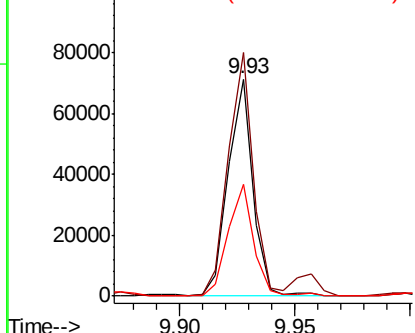


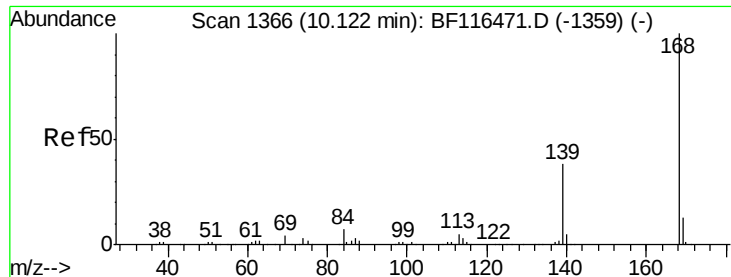
#52
Acenaphthene
Concen: 5.042 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF116623.D
Acq: 28 Aug 2019 19:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	86.6	129.8
152	51.5	39.4	59.0



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

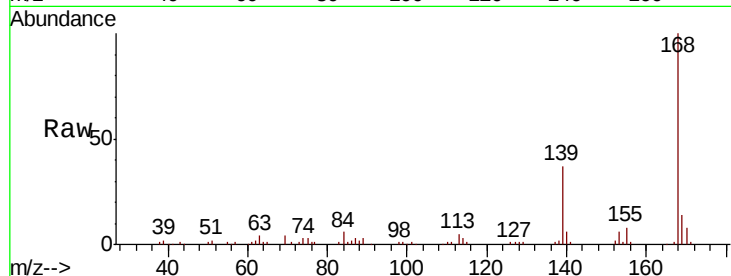




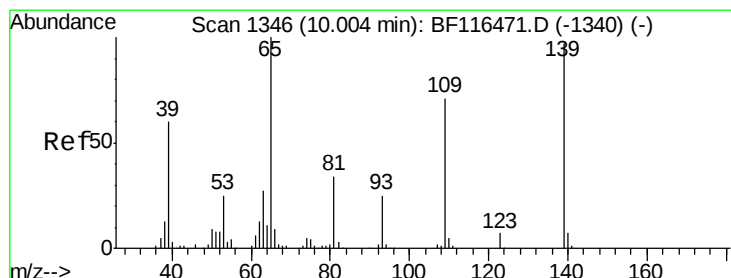
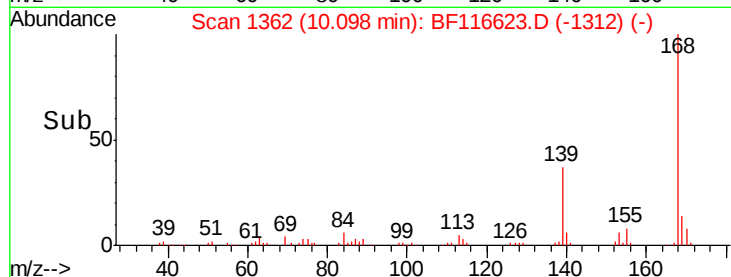
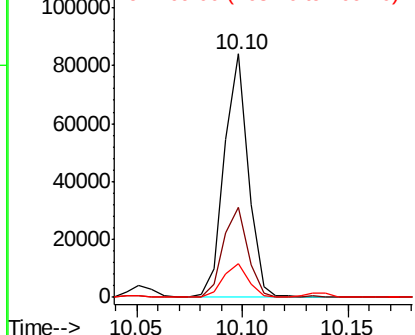
#55
Dibenzenofuran
Concen: 4.636 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF116623.D
Acq: 28 Aug 2019 19:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 66004
Ion Ratio Lower Upper
168 100
139 36.9 31.3 46.9
169 14.0 11.3 16.9

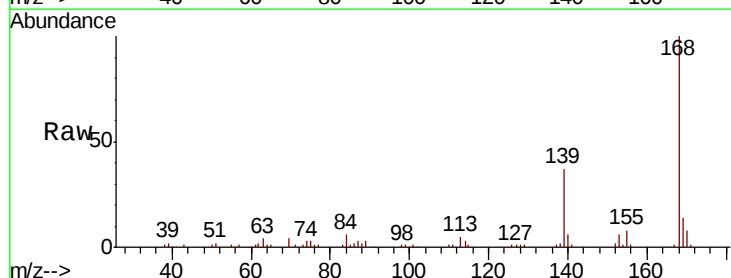


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

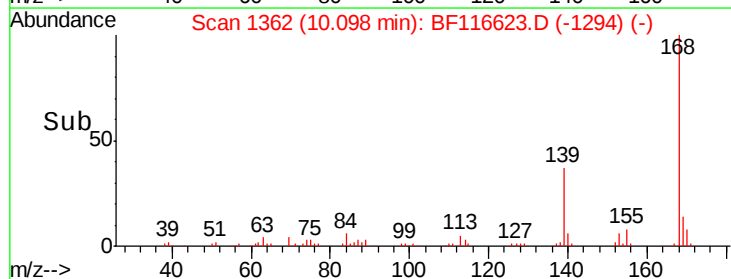
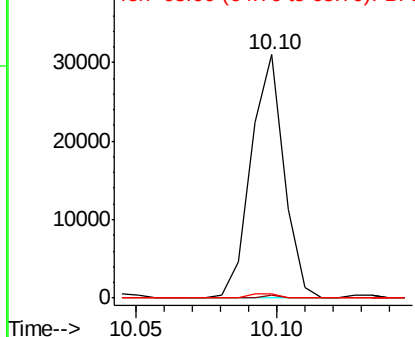


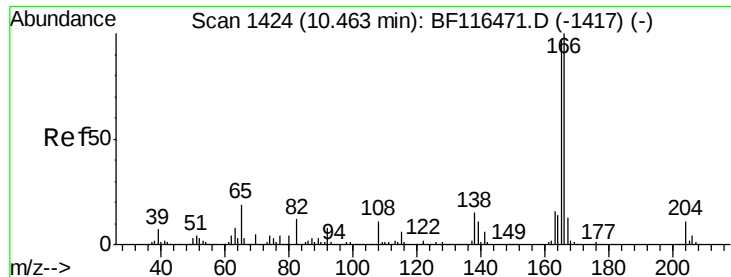
#56
4-Nitrophenol
Concen: 10.353 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.10 min
Lab File: BF116623.D
Acq: 28 Aug 2019 19:07

Tgt Ion:139 Resp: 25026
Ion Ratio Lower Upper
139 100
109 1.1 45.5 85.5#
65 1.6 66.8 106.8#



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

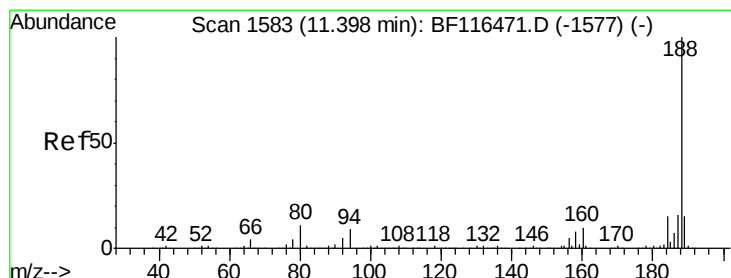
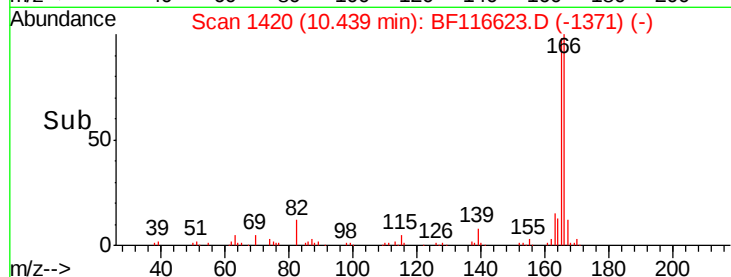
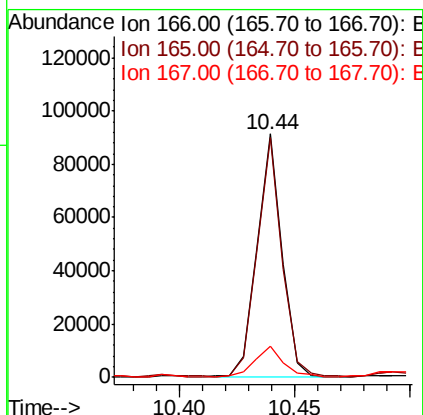
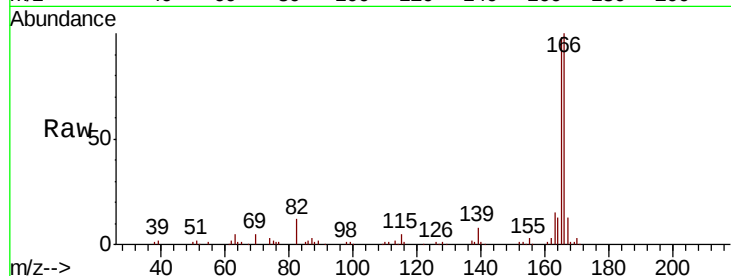




#58
 Fluorene
 Concen: 6.411 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

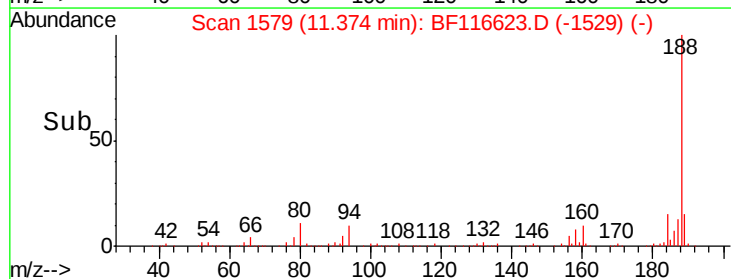
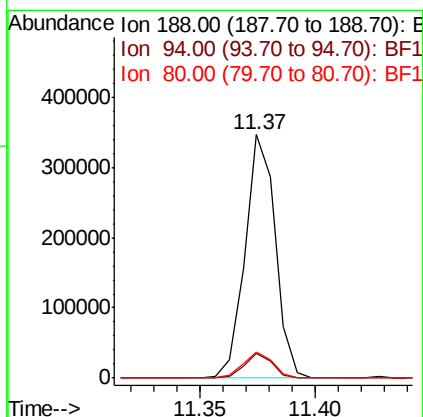
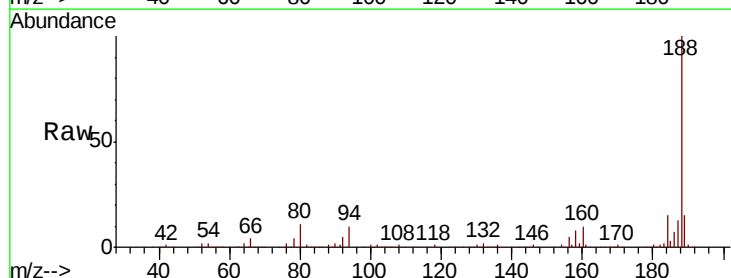
Instrument :
 BNA_F
 ClientSampleId :

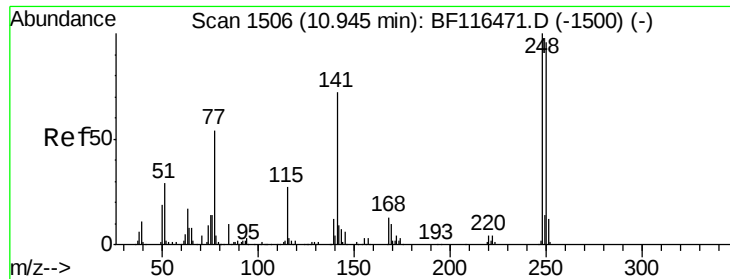
Tot Ion	166	Resp	69263
Ion Ratio	Lower	Upper	
166	100		
165	98.4	77.8	116.6
167	12.8	10.6	16.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

Tgt Ion	188	Resp	317377
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.2	12.4
80	10.7	8.9	13.3

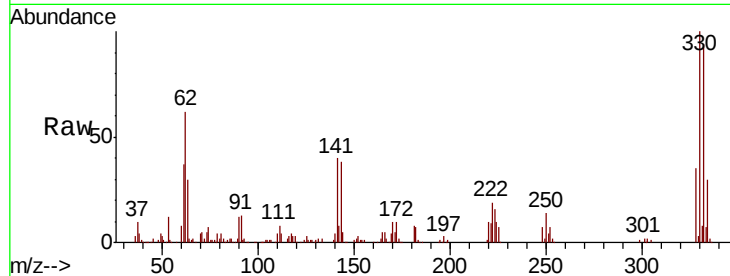




#67
 4-Bromophenyl-phenylether
 Concen: 5.160 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	203.4	76.6	115.0#
141	597.4	60.8	91.2#

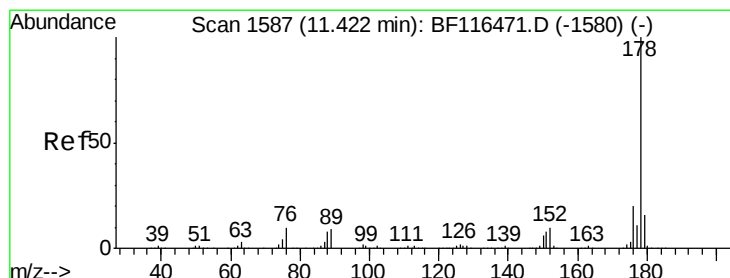
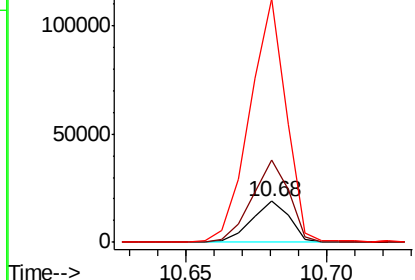
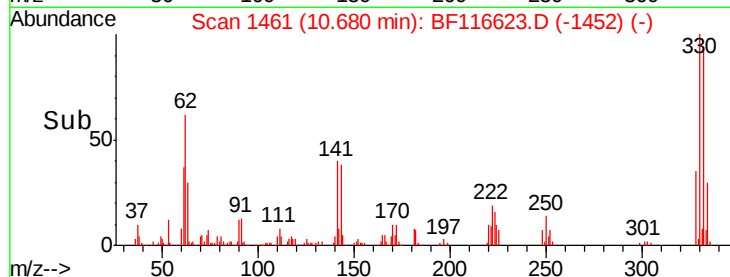


Abundance

Ion 248.00 (247.70 to 248.70): E

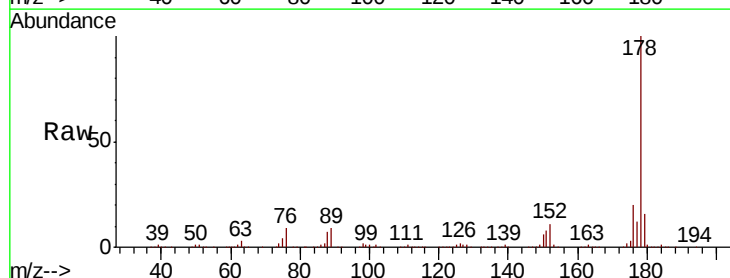
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#71
 Phenanthrene
 Concen: 49.018 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.8	12.4	18.6

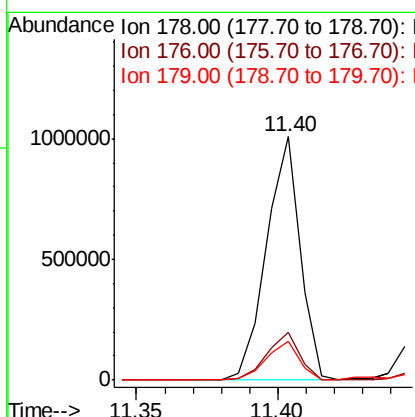
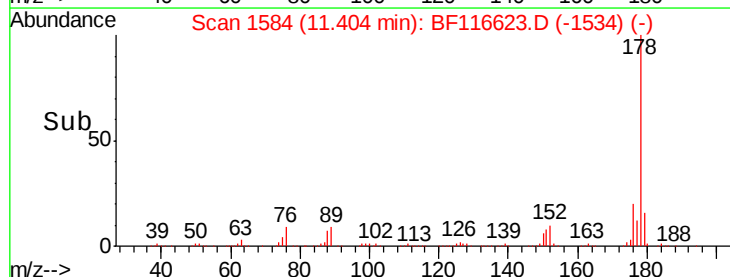


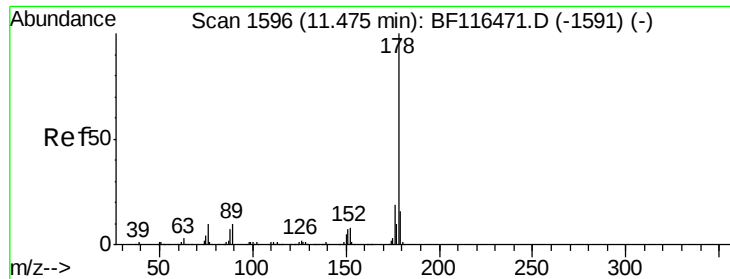
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 10.502 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

Instrument :

BNA_F

ClientSampled :

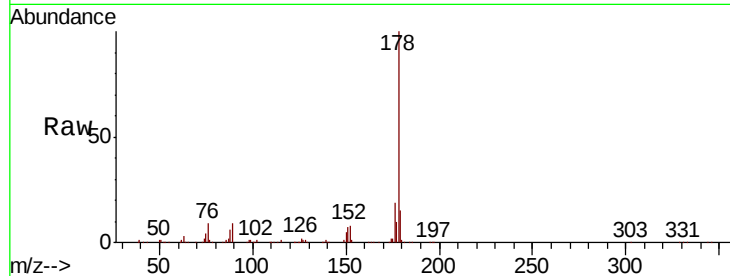
Tot Ion:178 Resp: 179013

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

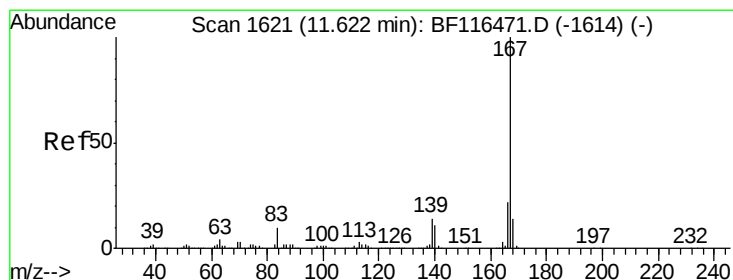
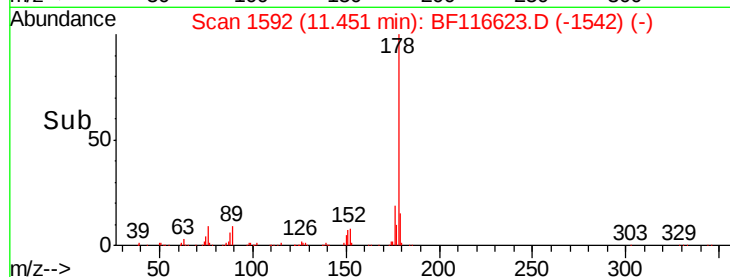
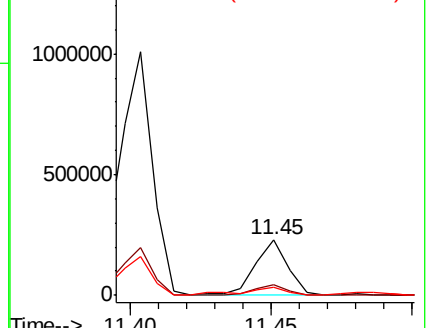
179 14.6 12.7 19.1



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: 4.505 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

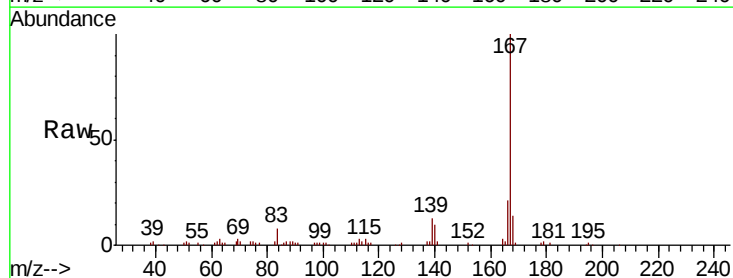
Tgt Ion:167 Resp: 65358

Ion Ratio Lower Upper

167 100

166 21.3 17.9 26.9

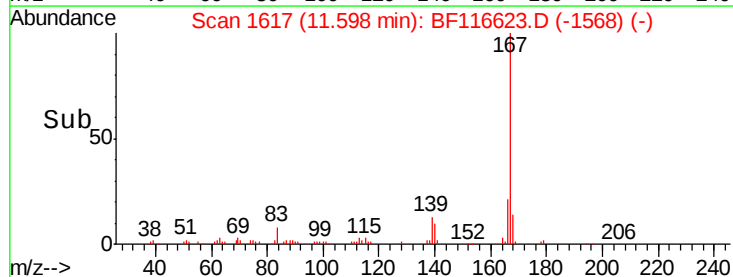
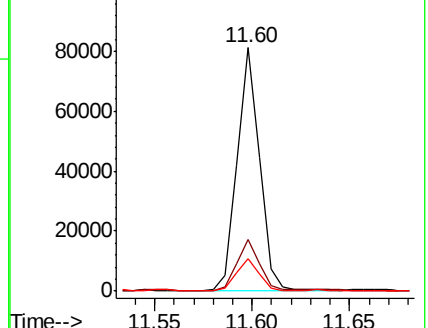
139 13.1 10.3 15.5

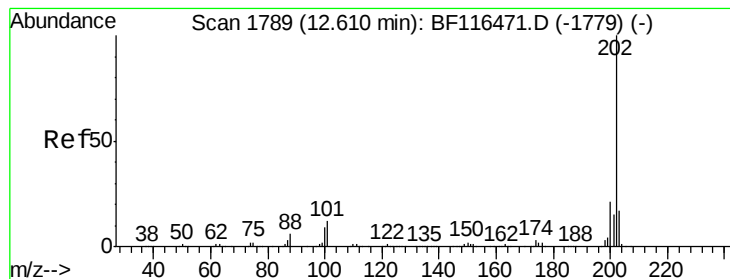


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 47.500 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

Instrument :

BNA_F

ClientSampleId :

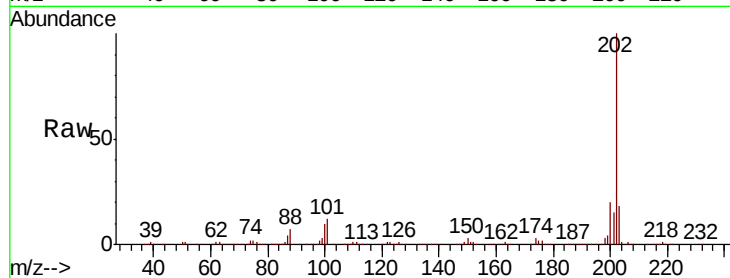
Tot Ion:202 Resp: 726211

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.8

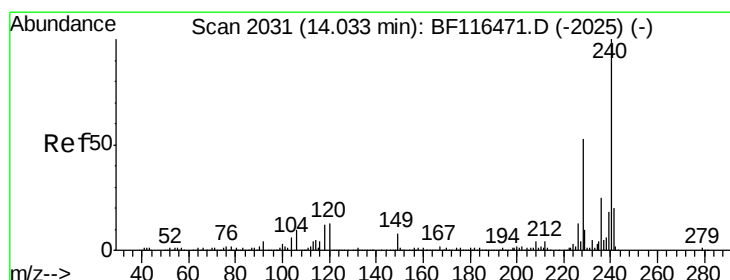
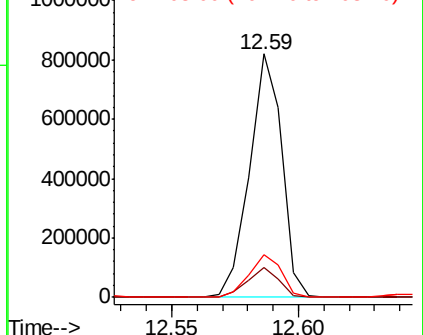
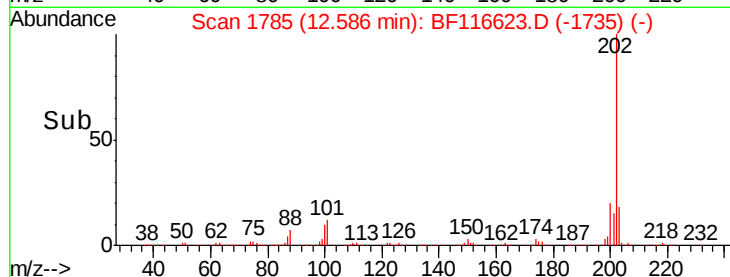
203 17.6 0.0 37.1



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# 2026

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

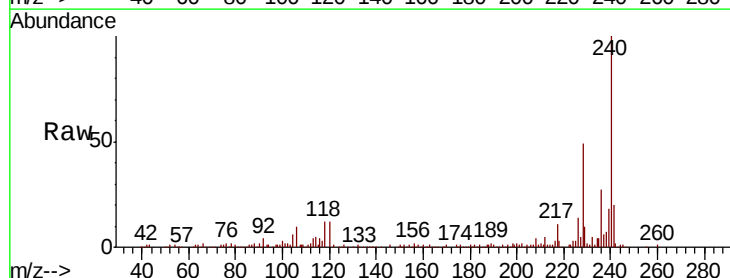
Tgt Ion:240 Resp: 149868

Ion Ratio Lower Upper

240 100

120 12.4 11.3 16.9

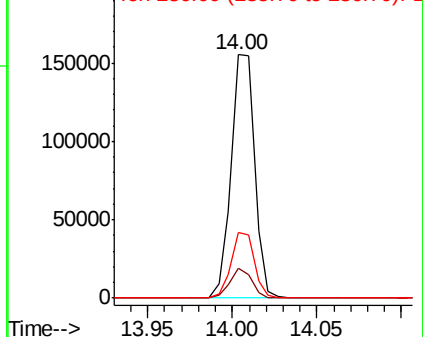
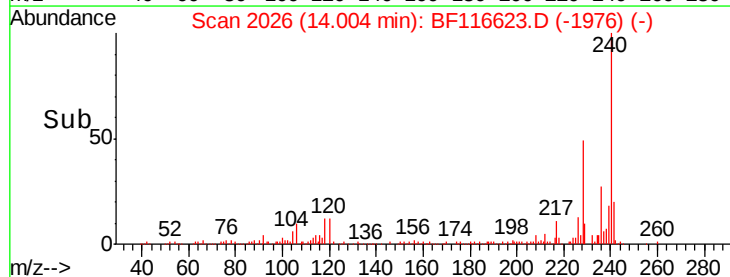
236 27.2 21.4 32.2

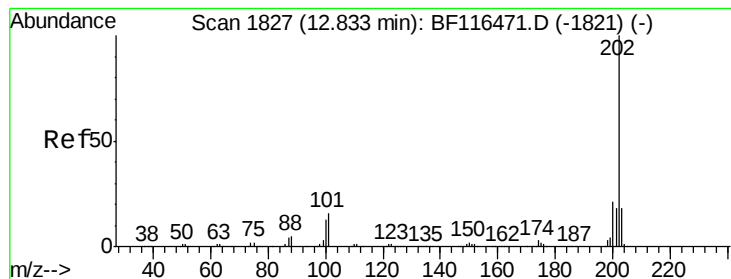


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 49.807 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

Instrument :

BNA_F

ClientSampleId :

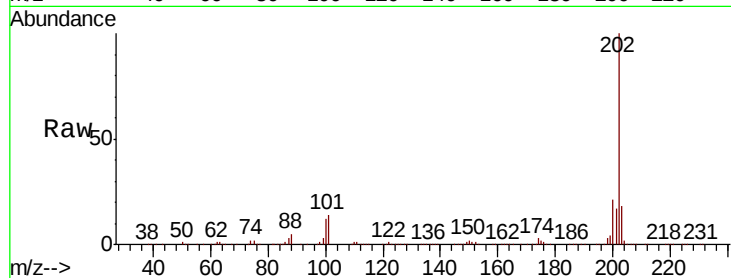
Tot Ion:202 Resp: 686391

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.0

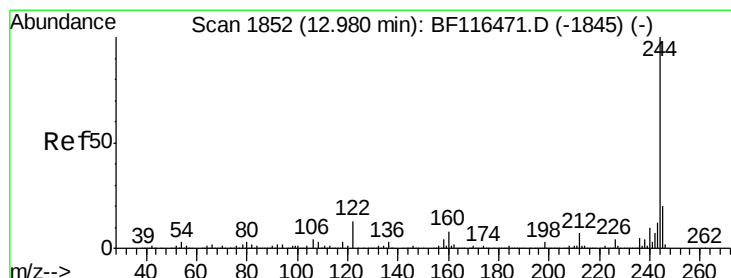
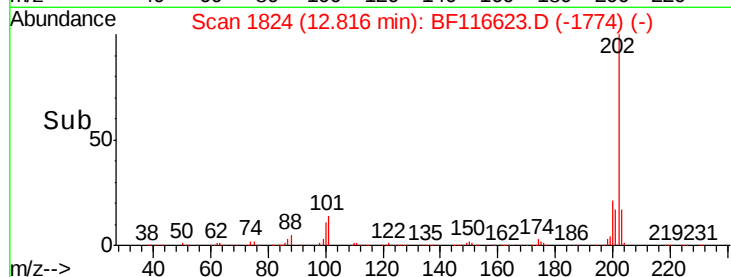
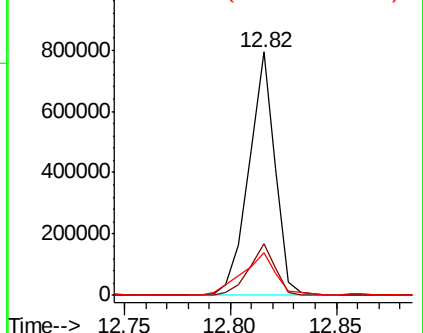
203 17.8 14.2 21.4



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: 118.421 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

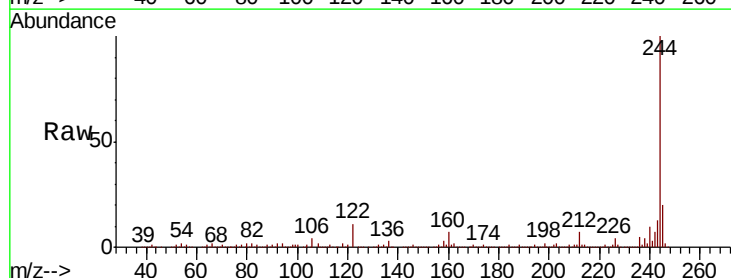
Tgt Ion:244 Resp: 1091251

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

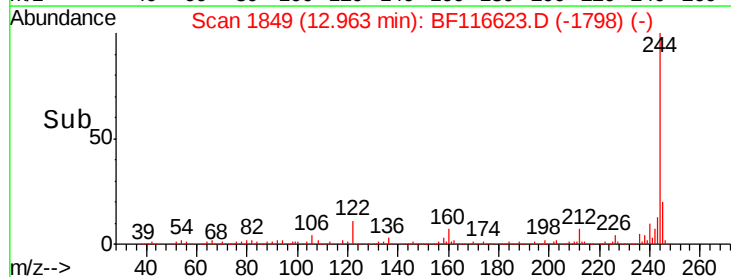
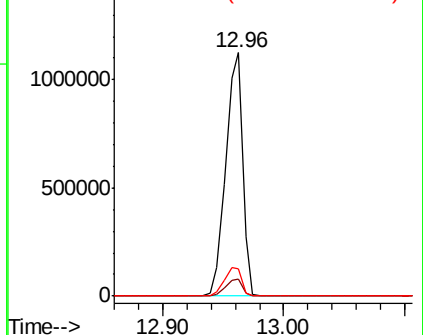
122 11.0 10.0 15.0

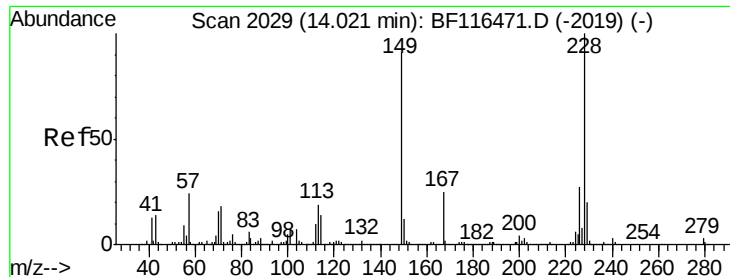


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 17.614 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

Instrument :

BNA_F

ClientSampleId :

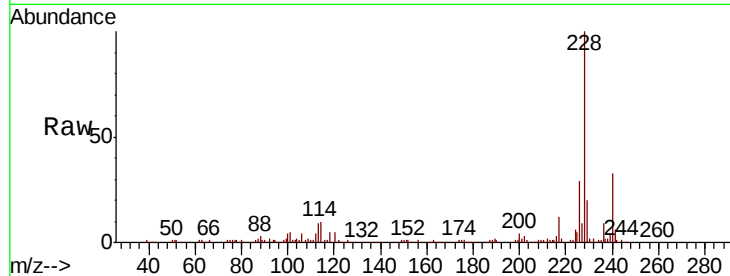
Tot Ion:228 Resp: 175999

Ion Ratio Lower Upper

228 100

226 28.5 21.5 32.3

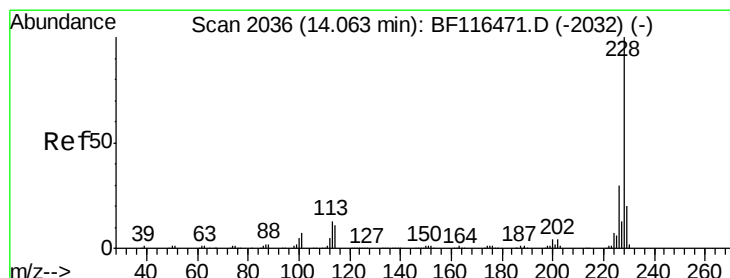
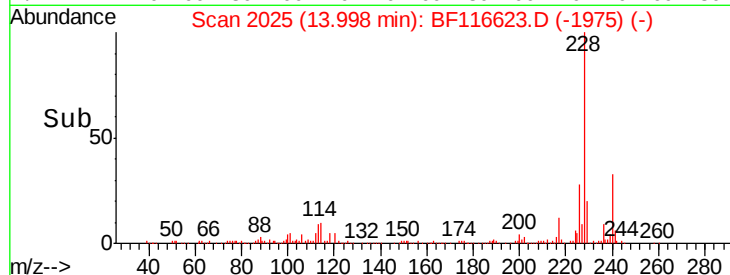
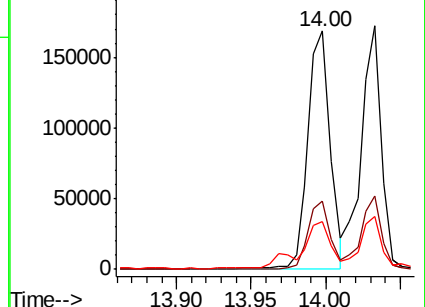
229 20.3 15.4 23.0



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: 16.707 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

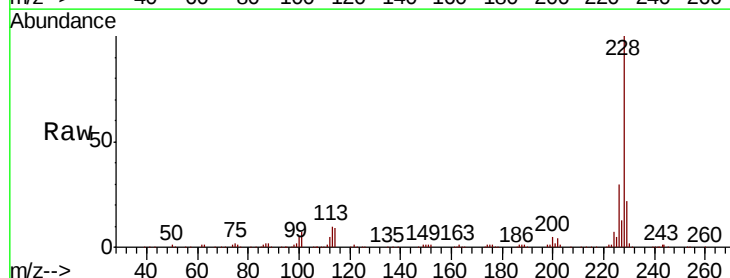
Tgt Ion:228 Resp: 163422

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

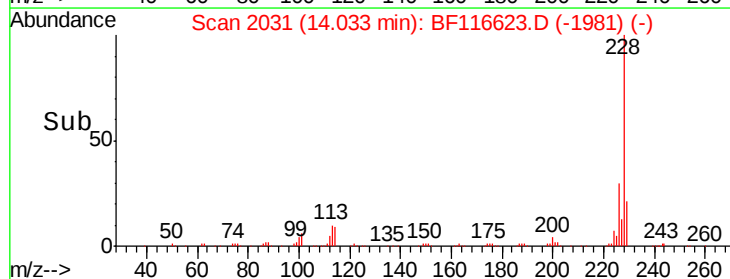
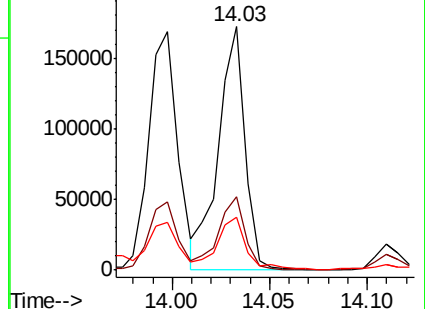
229 21.7 15.8 23.8

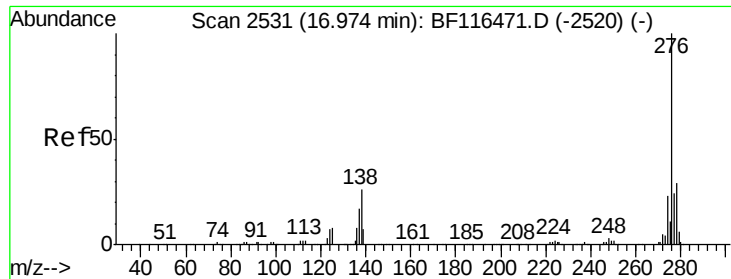


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

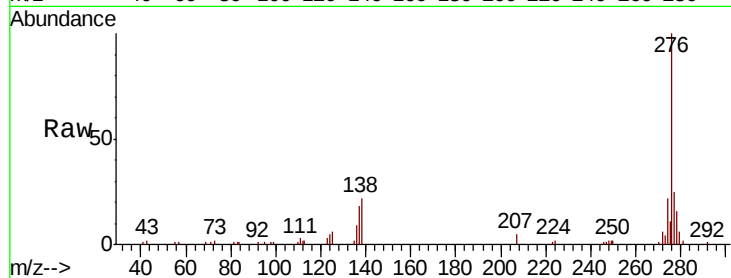




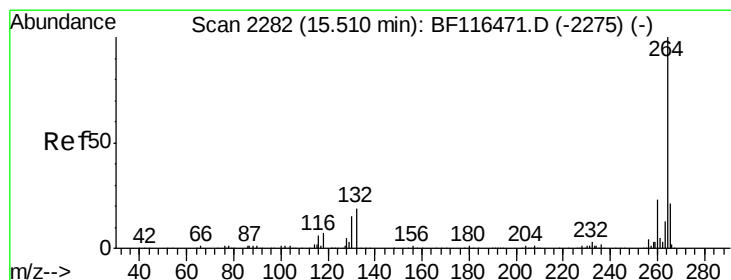
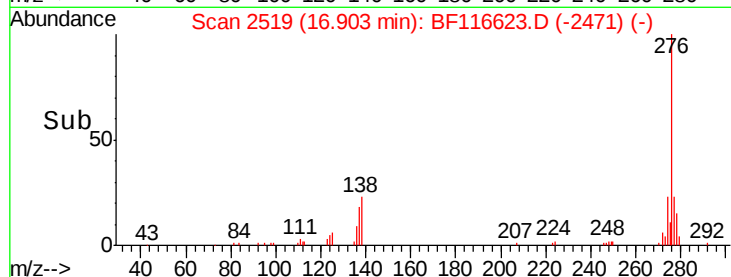
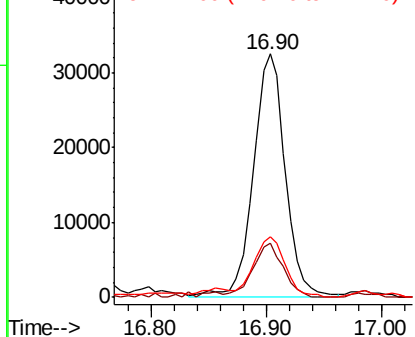
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 11.492 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.5	32.3#
277	24.7	20.0	30.0

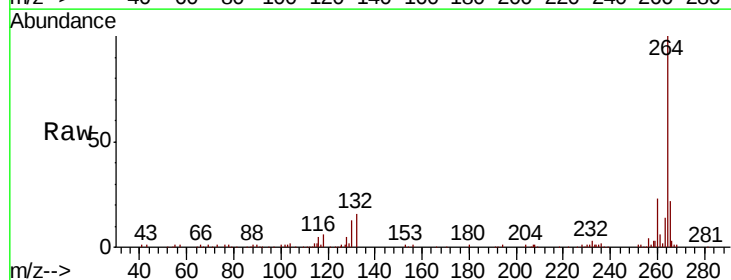


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

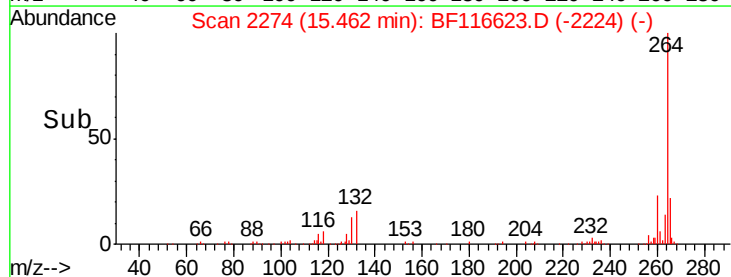
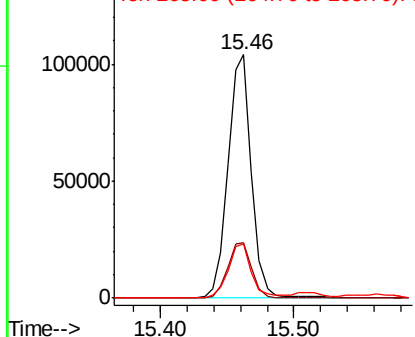


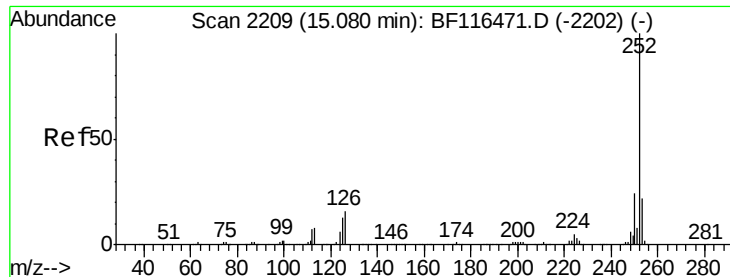
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116623.D
 Acq: 28 Aug 2019 19:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	20.0	30.0
265	22.0	17.6	26.4



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

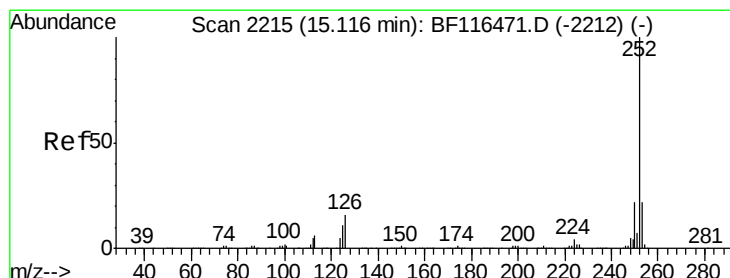
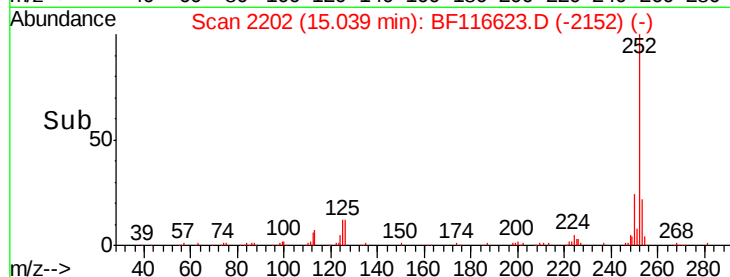
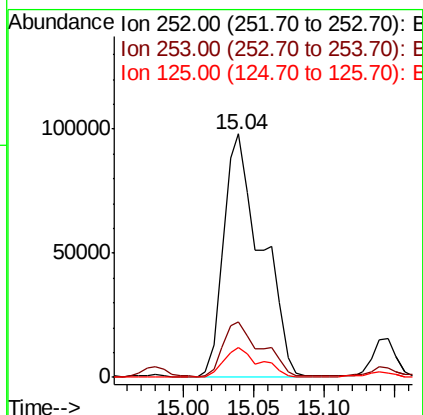
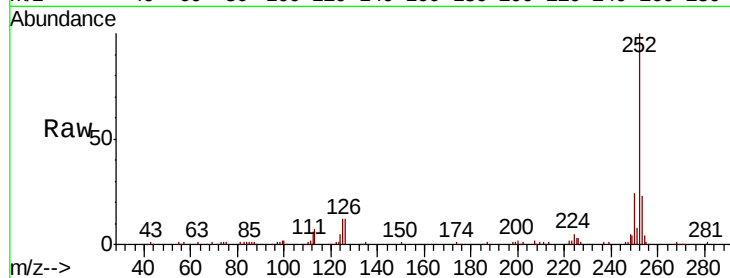




#88
Benzo(b)fluoranthene
Concen: 23.498 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116623.D
Acq: 28 Aug 2019 19:07

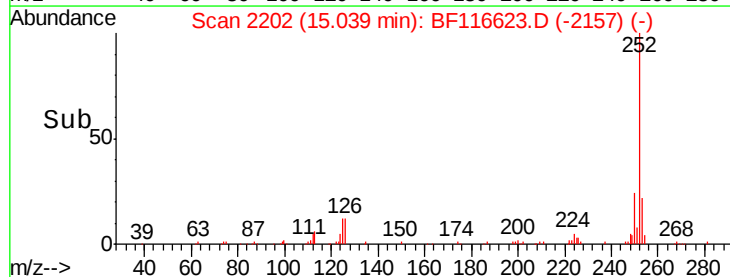
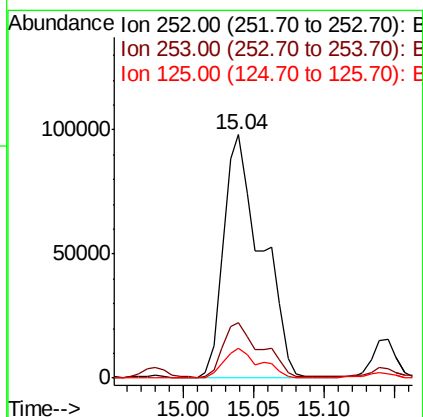
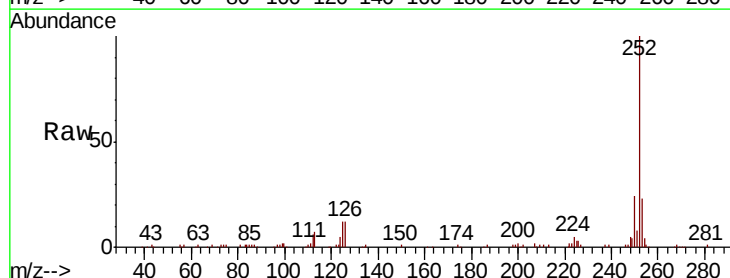
Instrument :
BNA_F
ClientSampleId :

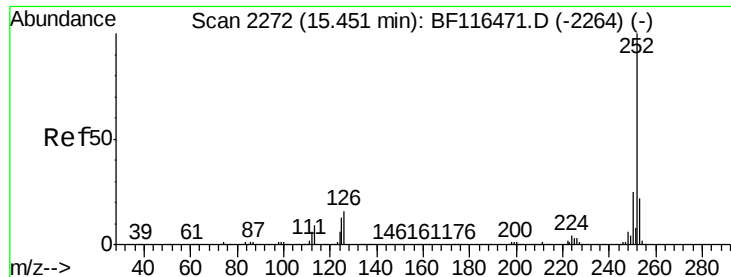
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.1	9.0	13.6



#89
Benzo(k)fluoranthene
Concen: 24.721 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF116623.D
Acq: 28 Aug 2019 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.1	8.6	13.0





#90

Benzo(a)pyrene

Concen: 14.883 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

Instrument :

BNA_F

ClientSampleId :

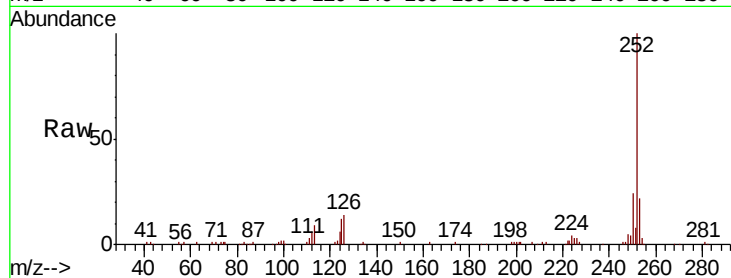
Tot Ion:252 Resp: 104205

Ion Ratio Lower Upper

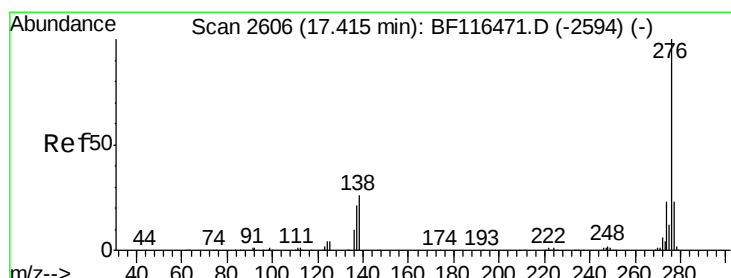
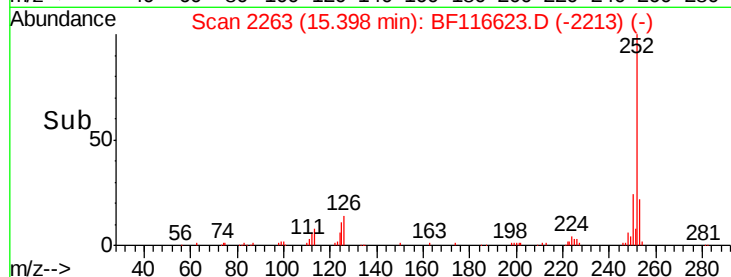
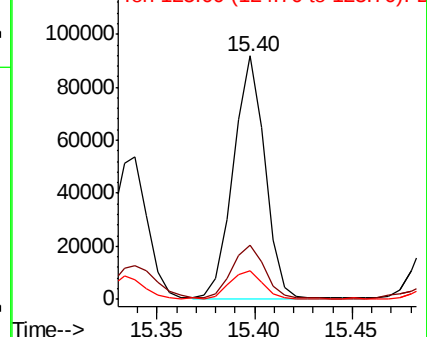
252 100

253 22.4 17.4 26.0

125 11.7 10.6 16.0



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



#92

Benzo(g,h,i)perylene

Concen: 9.317 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BF116623.D

Acq: 28 Aug 2019 19:07

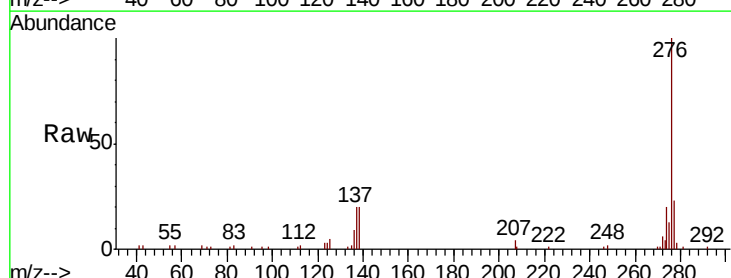
Tgt Ion:276 Resp: 63291

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.4

138 20.5 18.2 27.2



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

