

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113822.D
 Acq On : 18 Apr 2019 17:36
 Operator : JU/SJ
 Sample : K2203-11 4X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 18:16:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	190380	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	697931	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	324824	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	563527	20.00	ng	0.00
76) Chrysene-d12	14.04	240	533201	20.00	ng	0.00
87) Perylene-d12	15.51	264	628432	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	292084	25.51	ng	0.00
7) Phenol-d6	6.50	99	369207	25.86	ng	-0.01
23) Nitrobenzene-d5	7.45	82	204303	17.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	79465	22.14	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	389950	18.31	ng	0.00
79) Terphenyl-d14	12.99	244	389509	15.32	ng	-0.01

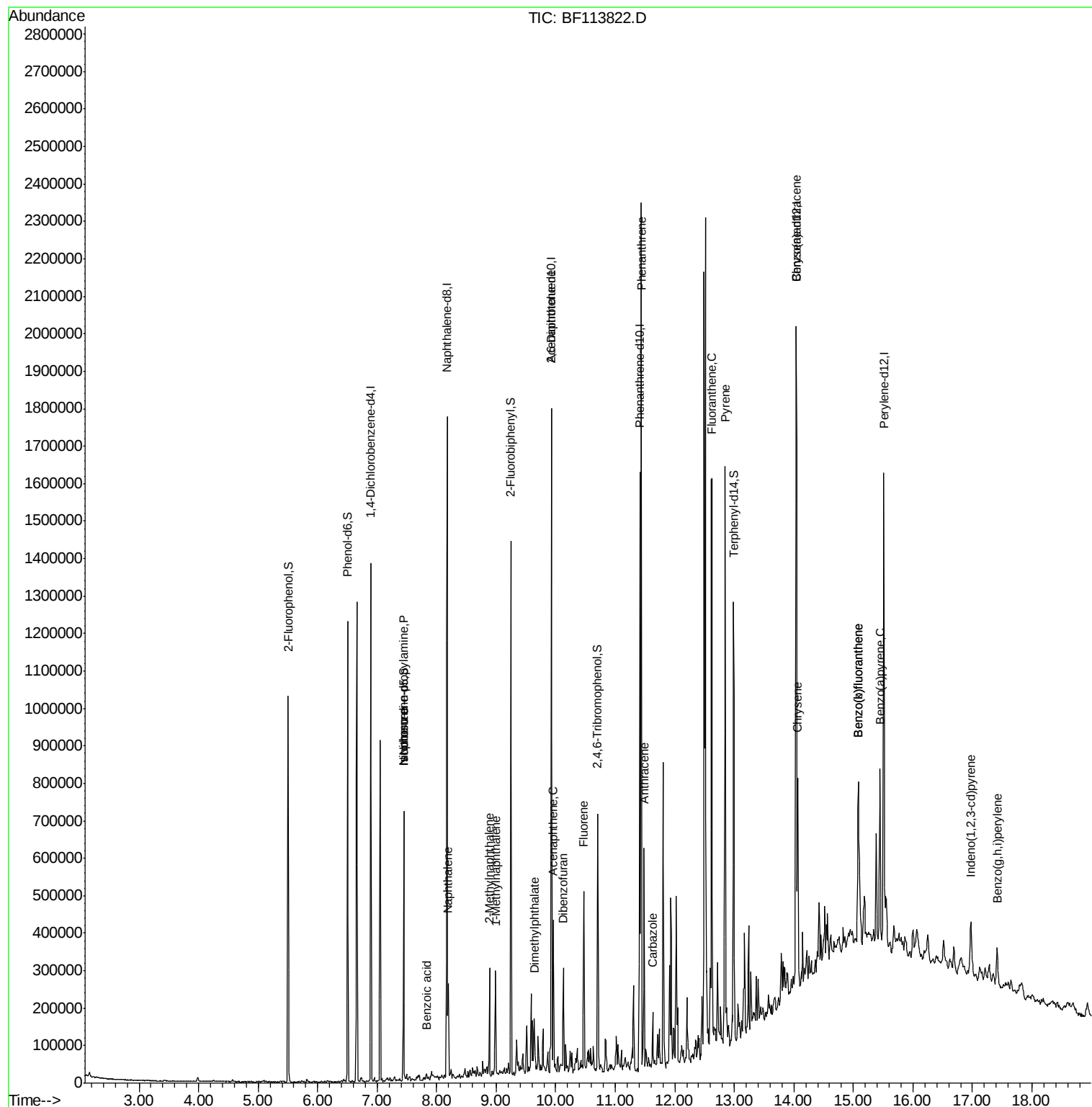
Target Compounds				Qvalue		
9) Benzaldehyde	6.50	77	846	Below Cal	#	17
19) n-Nitroso-di-n-propylamine	7.45	70	27761	2.913 ng	#	79
25) Isophorone	7.45	82	204115	8.602 ng	#	65
31) Naphthalene	8.19	128	124709	3.778 ng		98
32) Benzoic acid	7.83	122	628	6.011 ng	#	85
37) 2-Methylnaphthalene	8.89	142	65044	2.970 ng		99
38) 1-Methylnaphthalene	8.99	142	66669	3.137 ng		99
50) Dimethylphthalate	9.64	163	47911	2.108 ng		98
51) 2,6-Dinitrotoluene	9.93	165	44810	8.932 ng	#	33
52) Acenaphthene	9.96	154	76161	4.126 ng		94
55) Dibenzofuran	10.13	168	73667	2.664 ng	#	96
58) Fluorene	10.47	166	131606	6.380 ng		97
71) Phenanthrene	11.43	178	778472	27.124 ng		100
72) Anthracene	11.48	178	217835	7.532 ng		99
73) Carbazole	11.63	167	56637	2.157 ng		98
75) Fluoranthene	12.62	202	640365	21.053 ng		96
78) Pyrene	12.85	202	624856	16.628 ng		99
81) Benzo(a)anthracene	14.03	228	258179	8.283 ng		97
83) Chrysene	14.07	228	241549	7.808 ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	102936	4.076 ng		95
88) Benzo(b)fluoranthene	15.08	252	358203	9.143 ng	#	95
89) Benzo(k)fluoranthene	15.08	252	358203	10.039 ng		97
90) Benzo(a)pyrene	15.44	252	226738	6.545 ng		99
92) Benzo(g,h,i)perylene	17.42	276	94171	3.006 ng		98

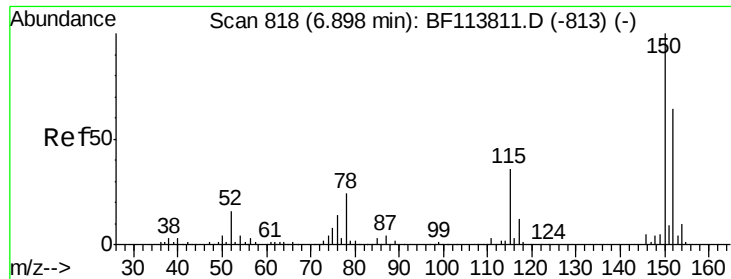
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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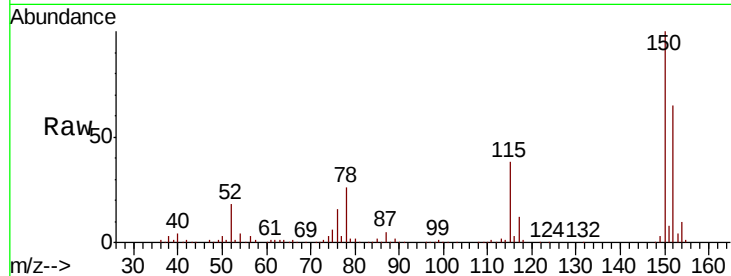


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113822.D
Acq: 18 Apr 2019 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.9	188.9
115	59.4	45.9	68.9

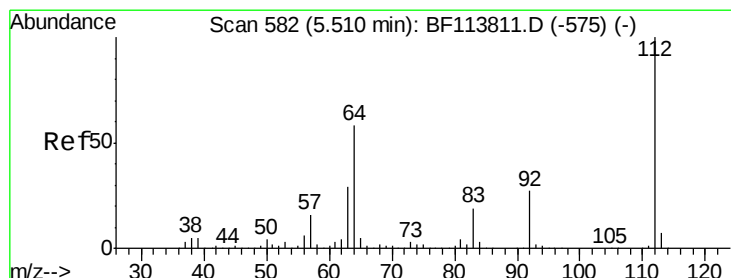
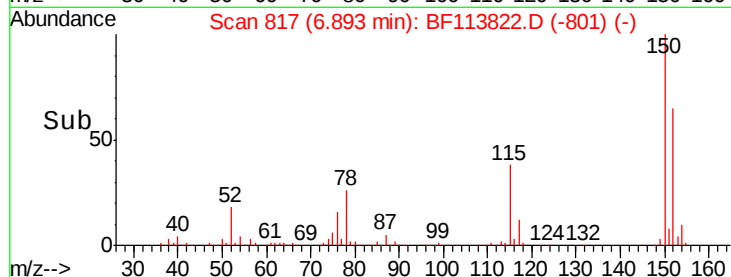
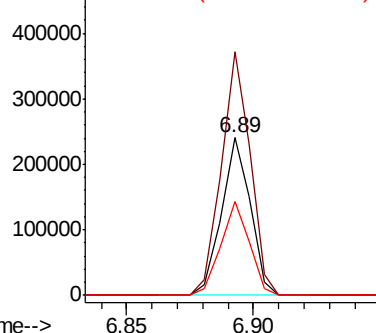


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

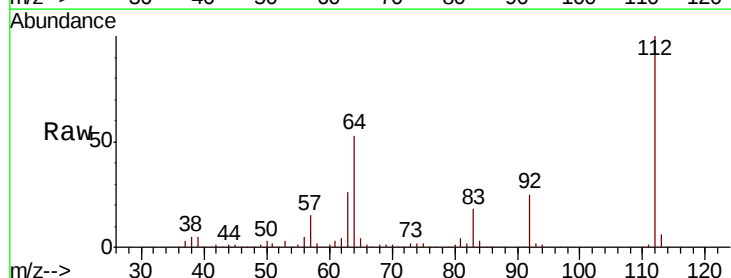
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 25.511 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF113822.D
Acq: 18 Apr 2019 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.6	69.8
63	26.3	23.1	34.7

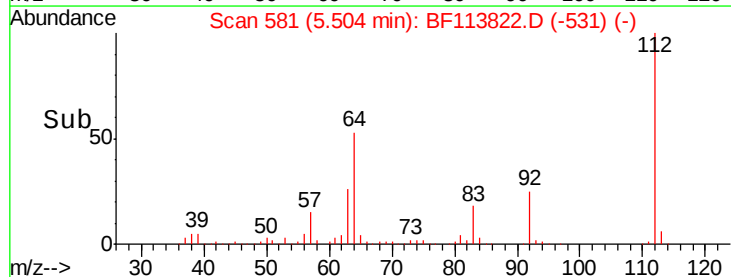
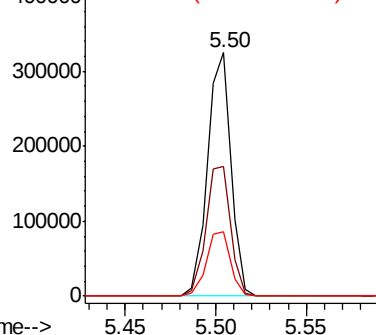


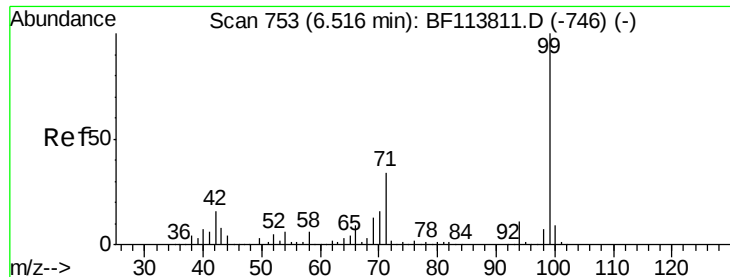
Abundance

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: 25.858 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

Instrument :

BNA_F

ClientSampleId :

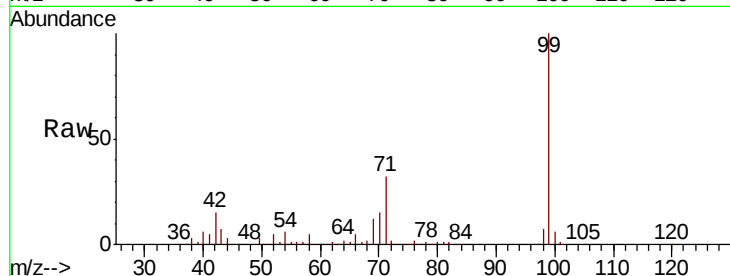
Tot Ion: 99 Resp: 369207

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

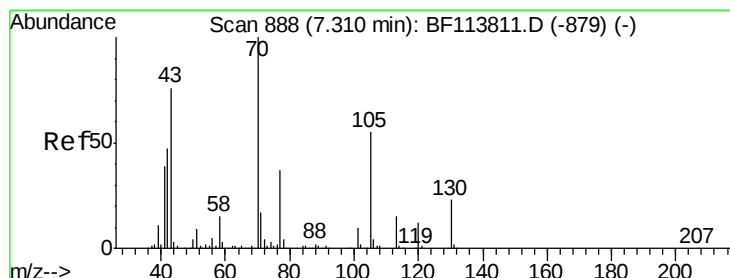
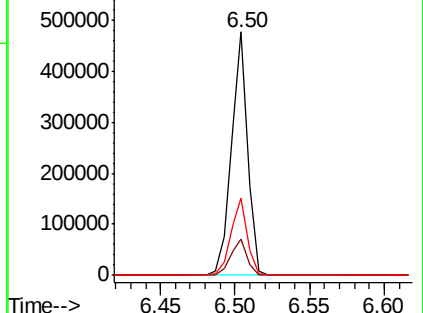
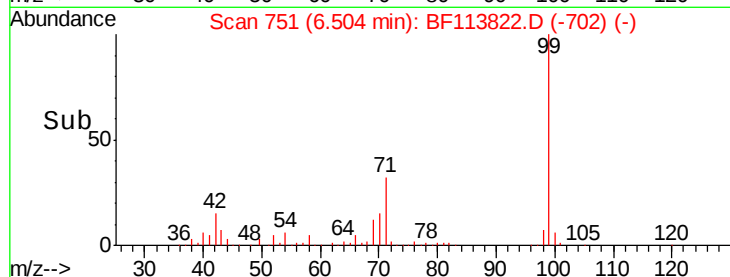
71 31.7 26.9 40.3



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: 2.913 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

Tgt Ion: 70 Resp: 27761

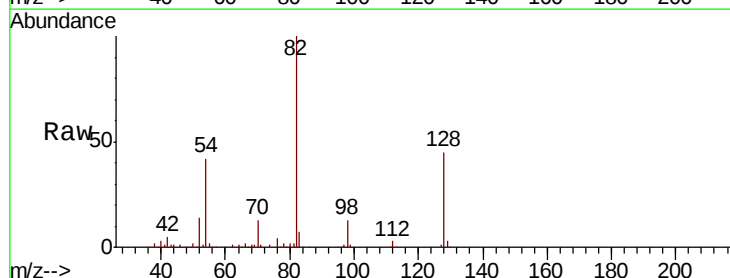
Ion Ratio Lower Upper

70 100

42 40.5 37.3 55.9

101 0.0 7.8 11.8#

130 2.5 18.2 27.2#

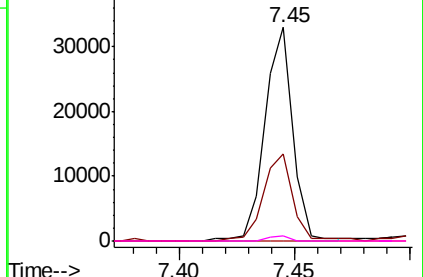
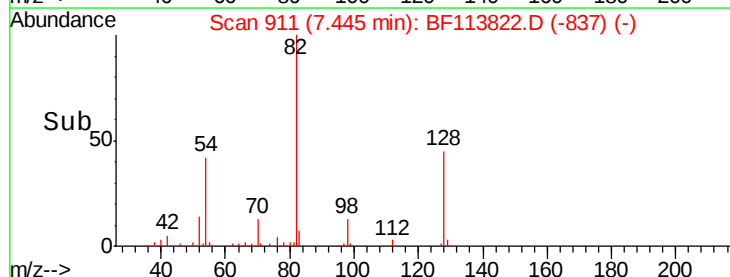


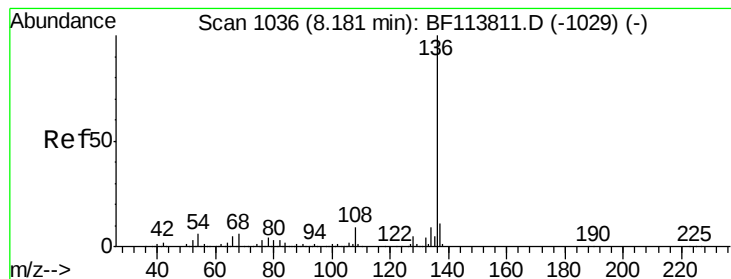
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 697931

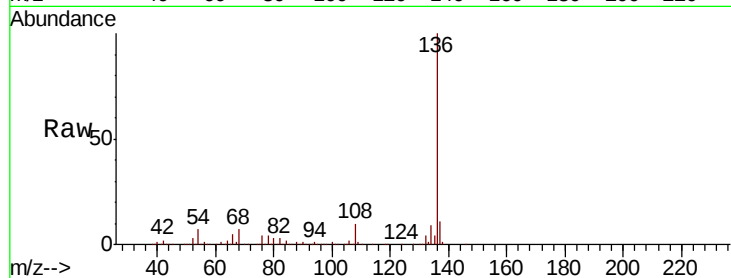
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 6.6 5.0 7.6

68 6.6 4.9 7.3

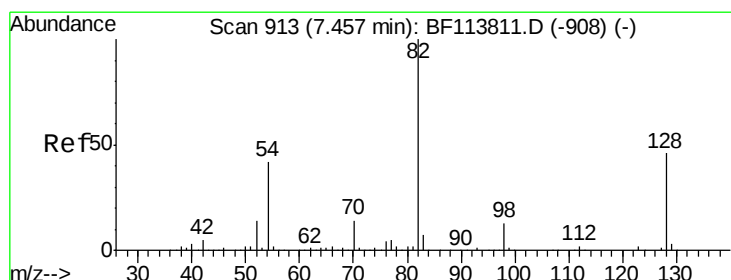
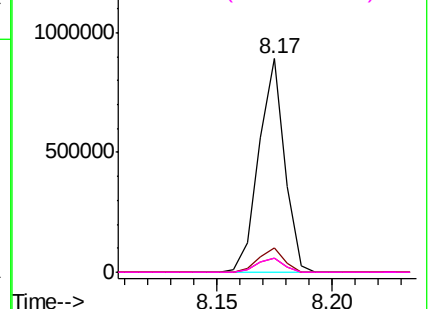
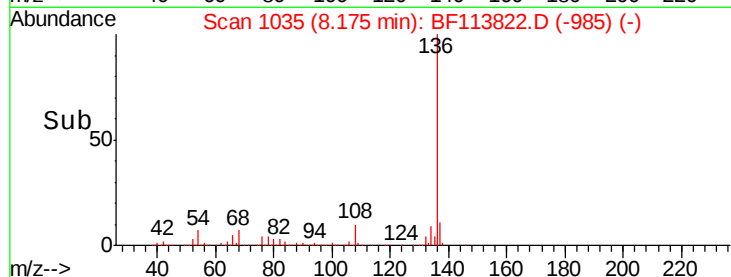


Abundance Ion 136.00 (135.70 to 136.70): E

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: 17.826 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

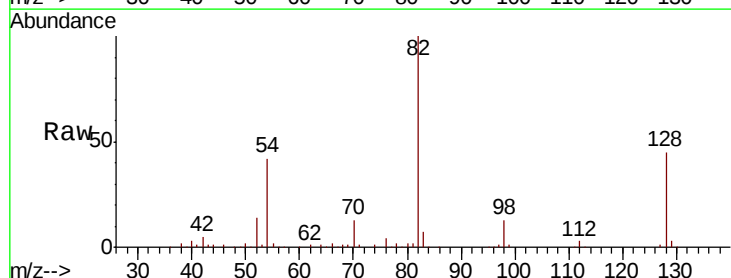
Tgt Ion: 82 Resp: 204303

Ion Ratio Lower Upper

82 100

128 45.0 36.8 55.2

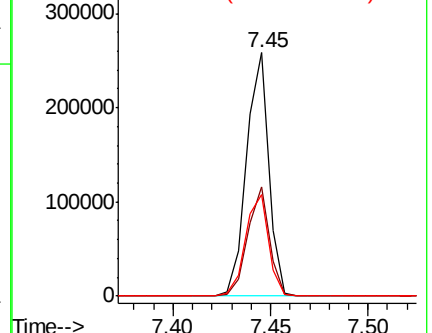
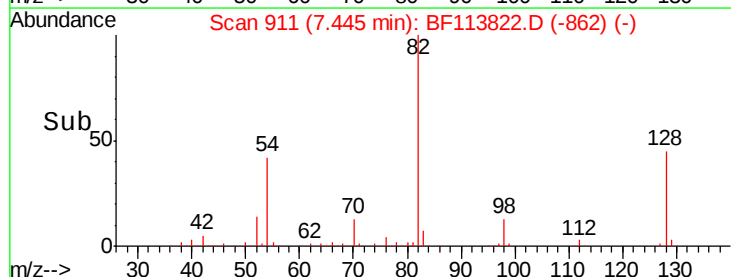
54 41.9 33.8 50.6

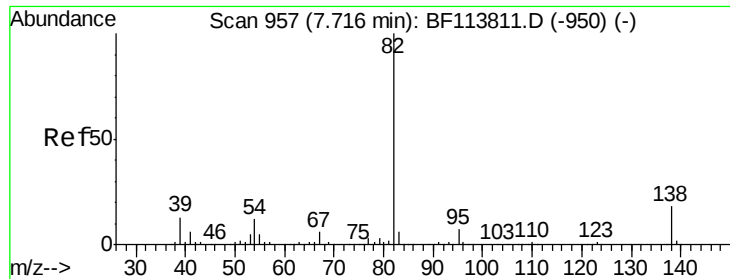


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 8.602 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

Instrument :

BNA_F

ClientSampleId :

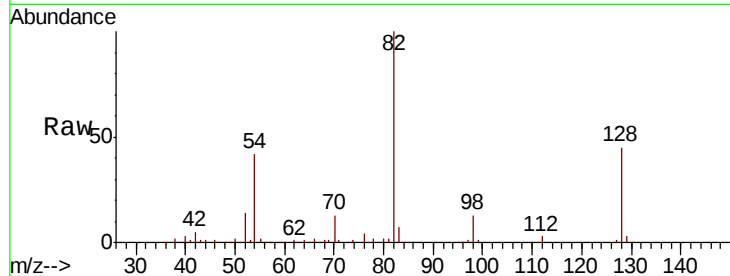
Tot Ion: 82 Resp: 204115

Ion Ratio Lower Upper

82 100

95 0.2 5.4 8.2#

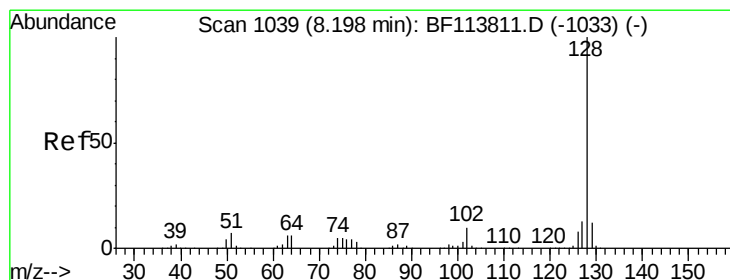
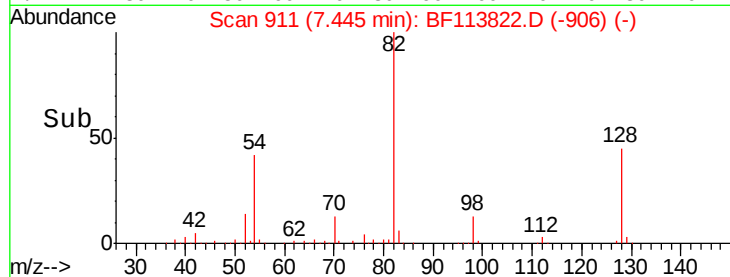
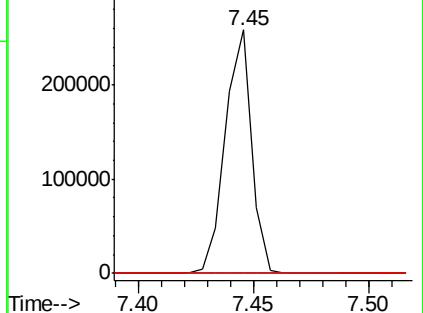
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 3.778 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

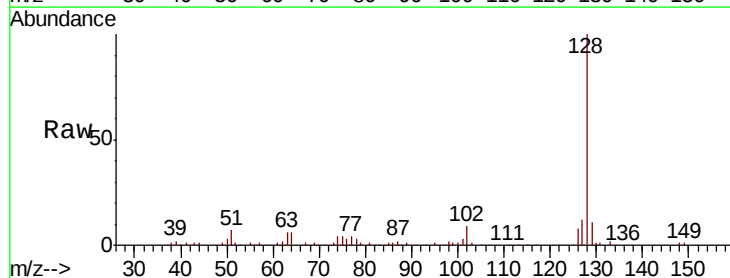
Tgt Ion: 128 Resp: 124709

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

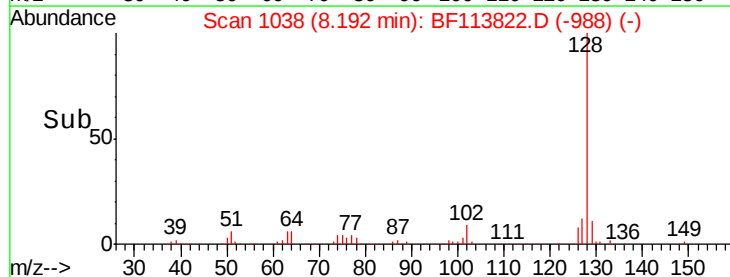
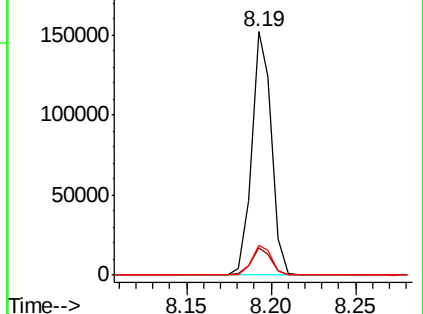
127 12.5 10.8 16.2

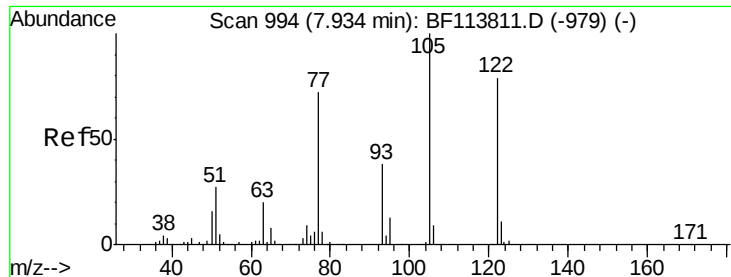


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

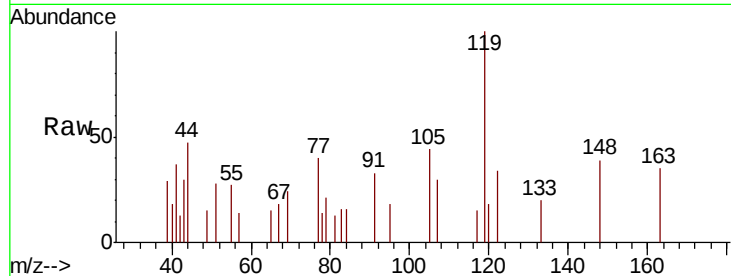




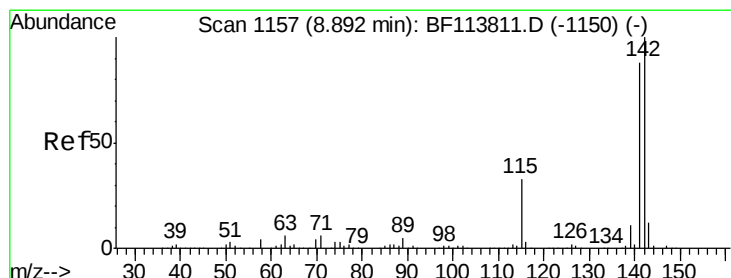
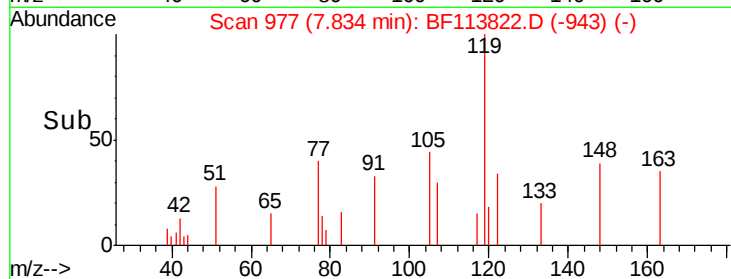
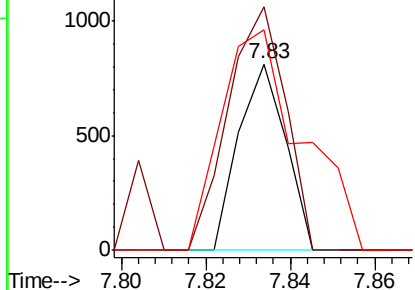
#32
Benzoic acid
Concen: 6.011 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.10 min
Lab File: BF113822.D
Acq: 18 Apr 2019 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 628
Ion Ratio Lower Upper
122 100
105 130.5 104.3 144.3
77 118.0 70.4 110.4#

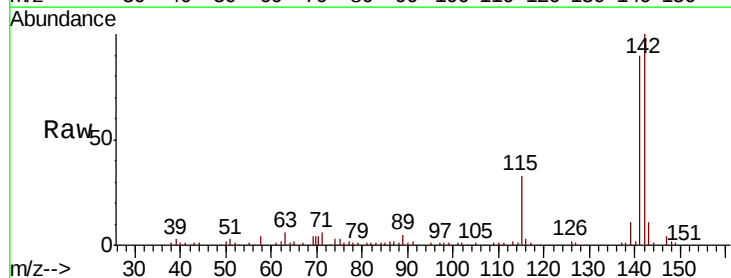


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

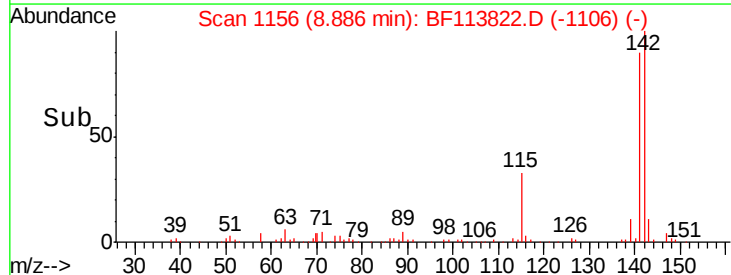
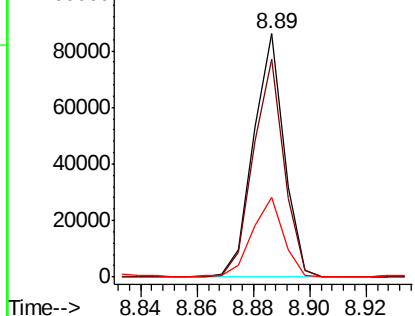


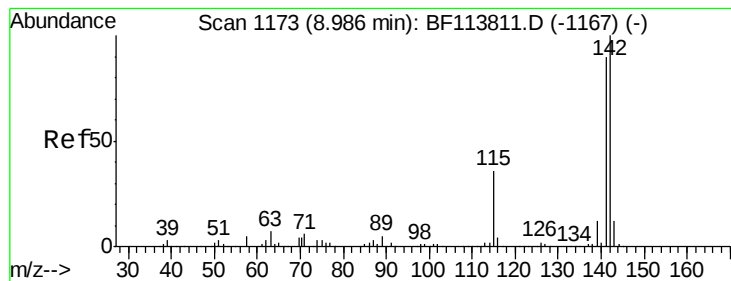
#37
2-Methylnaphthalene
Concen: 2.970 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF113822.D
Acq: 18 Apr 2019 17:36

Tgt Ion:142 Resp: 65044
Ion Ratio Lower Upper
142 100
141 89.6 70.4 105.6
115 32.5 26.3 39.5



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: 3.137 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

Instrument :

BNA_F

ClientSampleId :

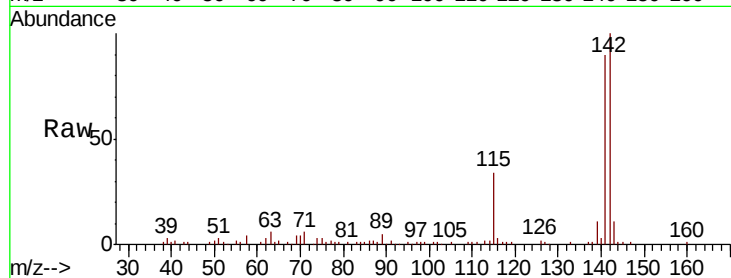
Tot Ion:142 Resp: 66669

Ion Ratio Lower Upper

142 100

141 89.8 72.3 108.5

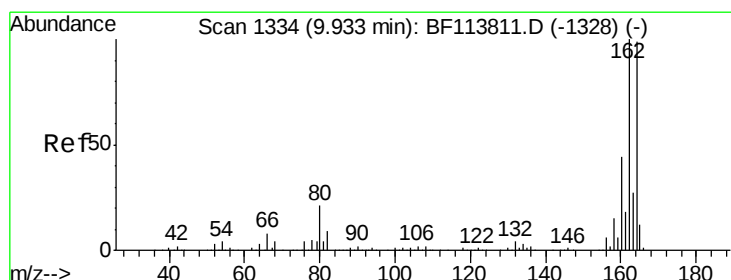
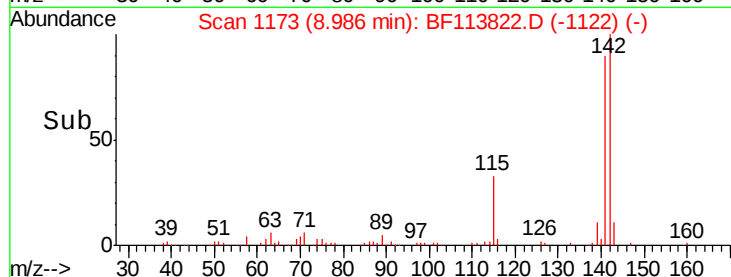
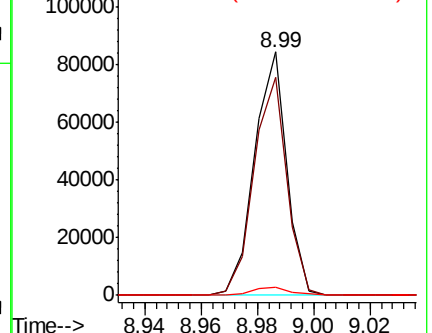
116 3.3 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

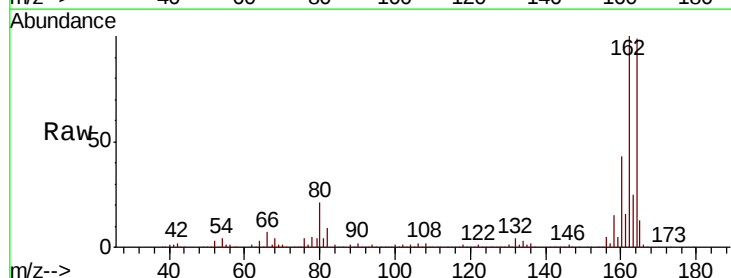
Tgt Ion:164 Resp: 324824

Ion Ratio Lower Upper

164 100

162 101.3 81.1 121.7

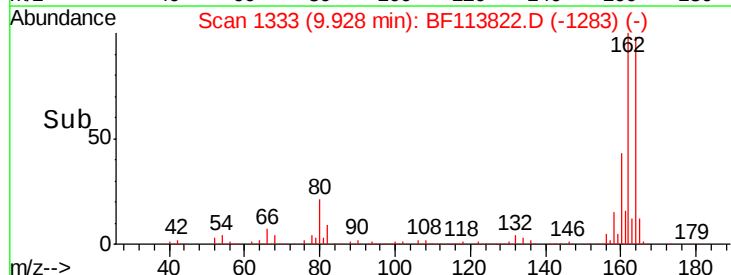
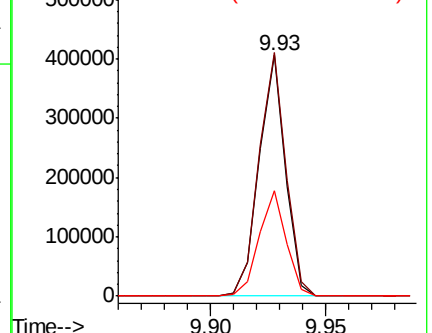
160 43.6 35.8 53.6

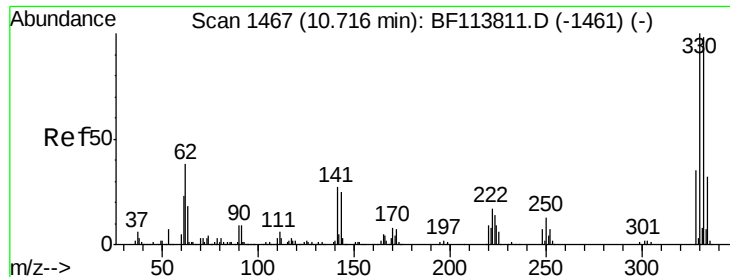


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 22.143 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

Instrument :

BNA_F

ClientSampleId :

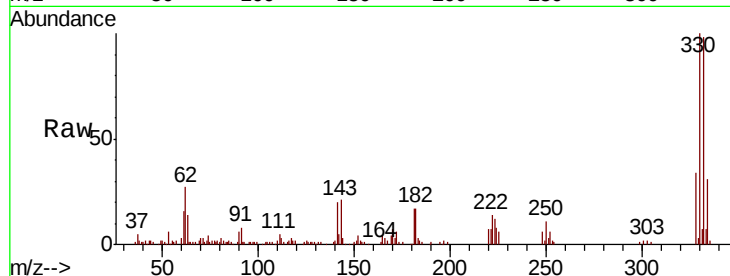
Tot Ion:330 Resp: 79465

Ion Ratio Lower Upper

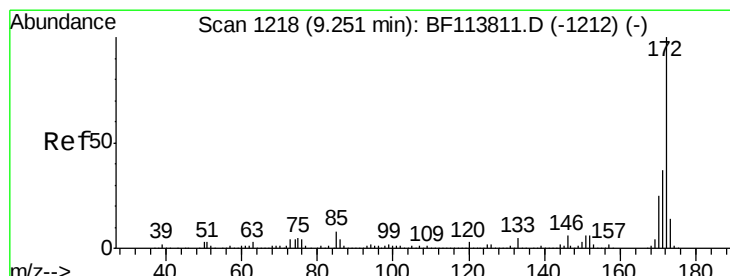
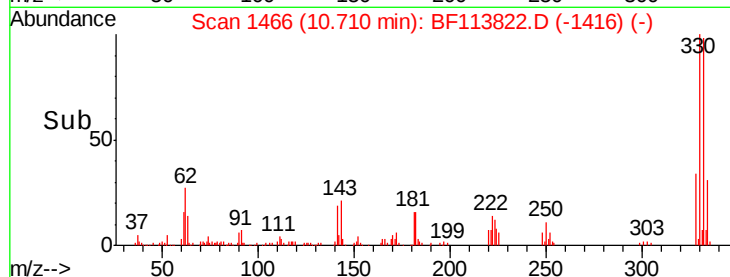
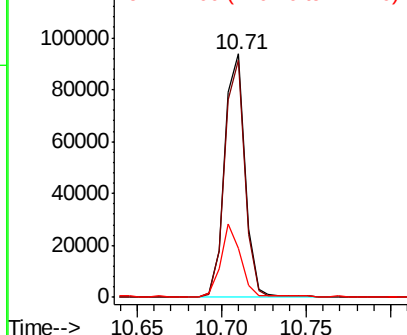
330 100

332 96.5 77.5 116.3

141 29.7 22.2 33.2



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: 18.308 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

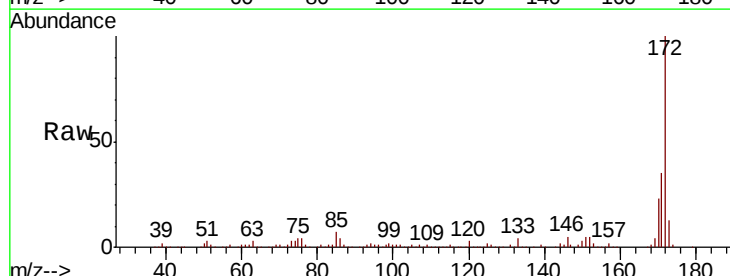
Tgt Ion:172 Resp: 389950

Ion Ratio Lower Upper

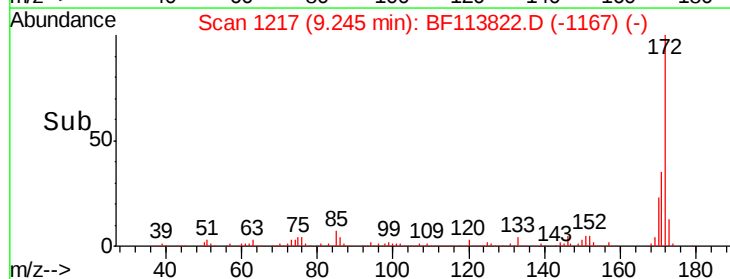
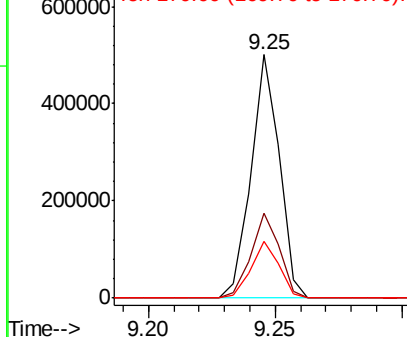
172 100

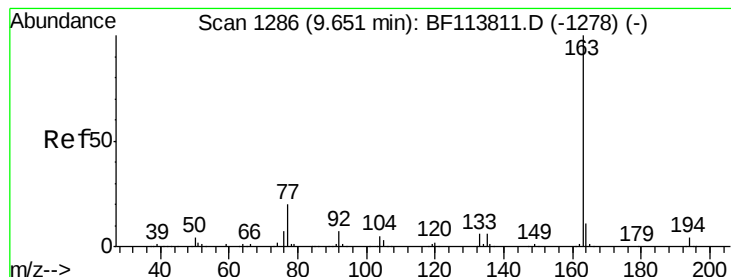
171 35.1 29.4 44.0

170 23.4 19.9 29.9



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: 2.108 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

Instrument :

BNA_F

ClientSampleId :

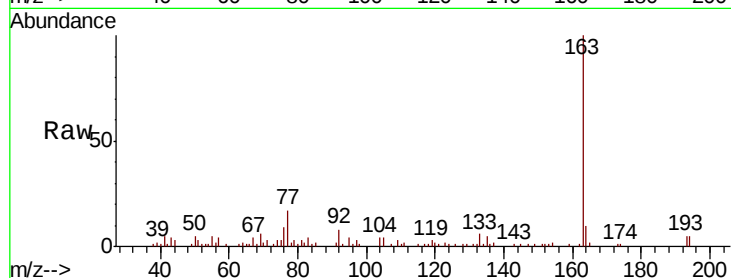
Tot Ion:163 Resp: 47911

Ion Ratio Lower Upper

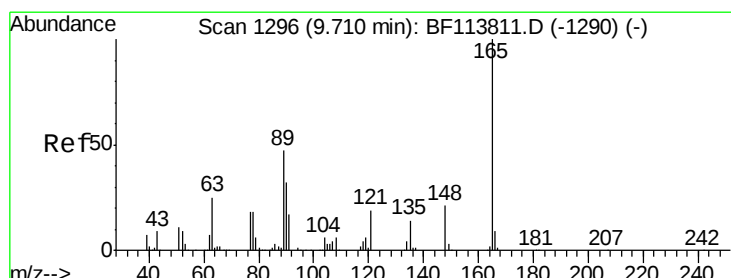
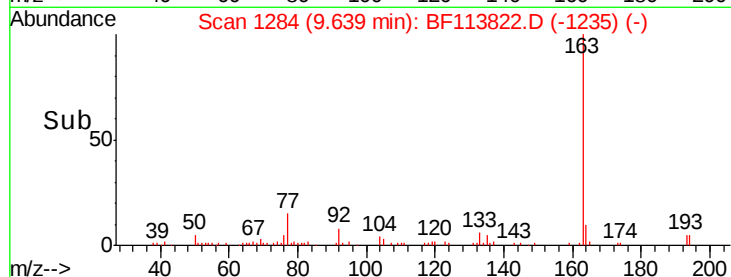
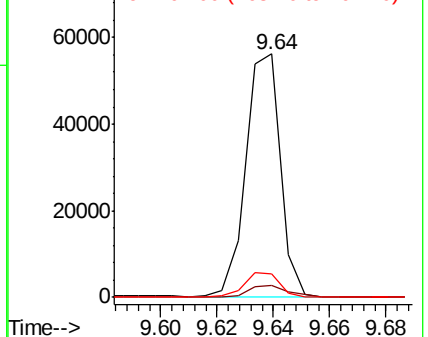
163 100

194 4.7 3.4 5.2

164 9.8 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 8.932 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

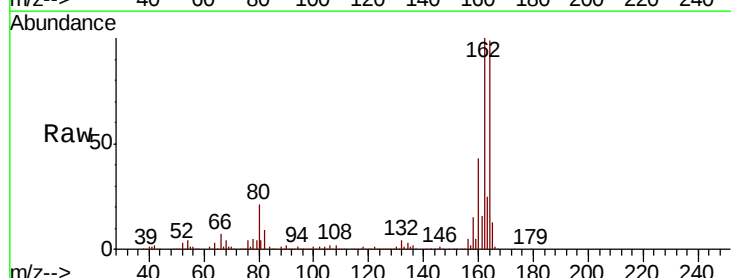
Tgt Ion:165 Resp: 44810

Ion Ratio Lower Upper

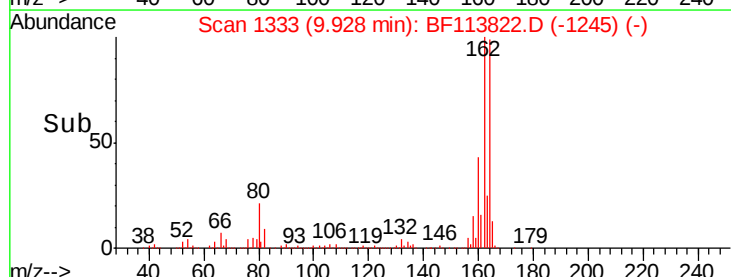
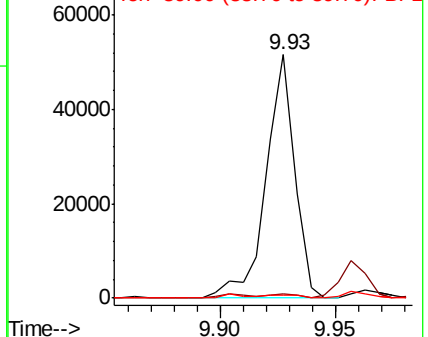
165 100

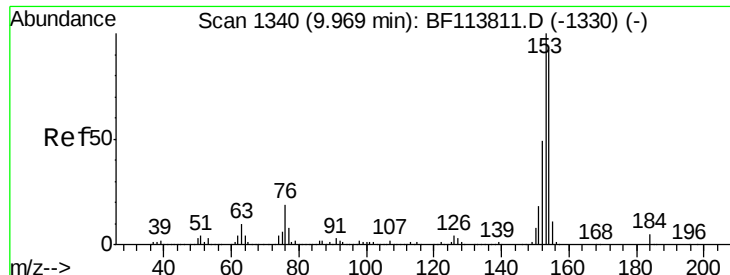
63 1.5 33.8 50.8#

89 1.3 38.2 57.2#



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: 4.126 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

Instrument :

BNA_F

ClientSampleId :

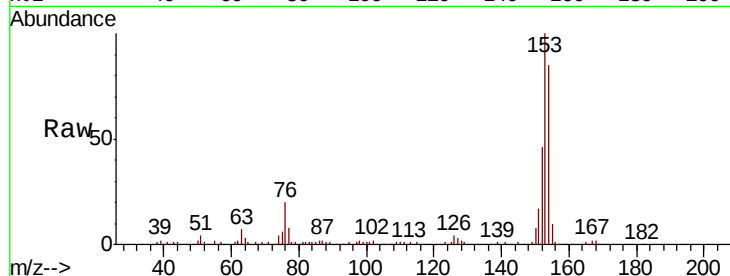
Tot Ion:154 Resp: 76161

Ion Ratio Lower Upper

154 100

153 117.8 87.2 130.8

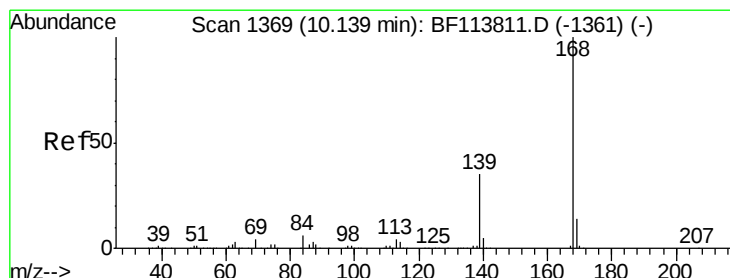
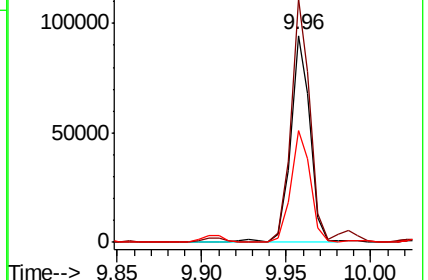
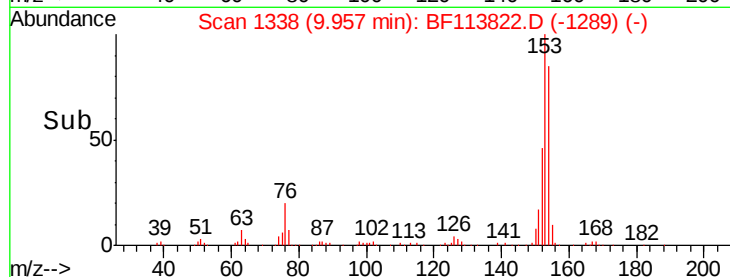
152 54.4 42.3 63.5



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: 2.664 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

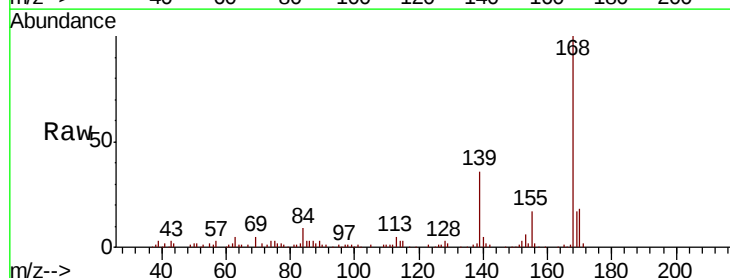
Tgt Ion:168 Resp: 73667

Ion Ratio Lower Upper

168 100

139 35.8 27.8 41.6

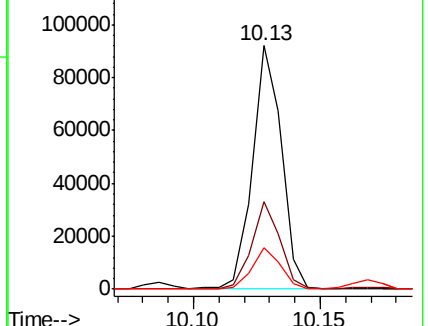
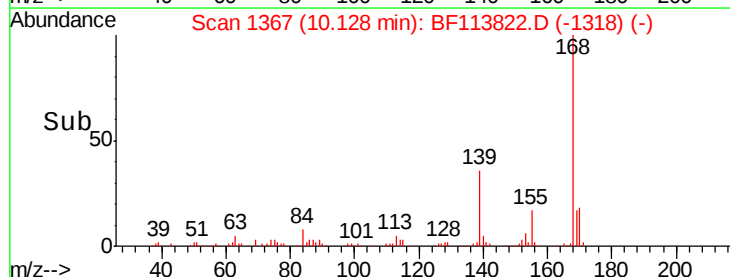
169 16.9 11.0 16.6#

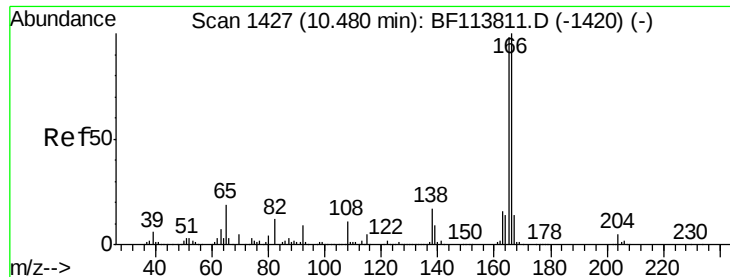


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

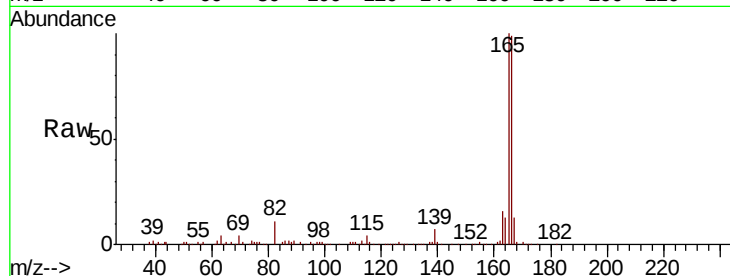




#58
 Fluorene
 Concen: 6.380 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF113822.D
 Acq: 18 Apr 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.4	117.6
167	13.3	10.9	16.3

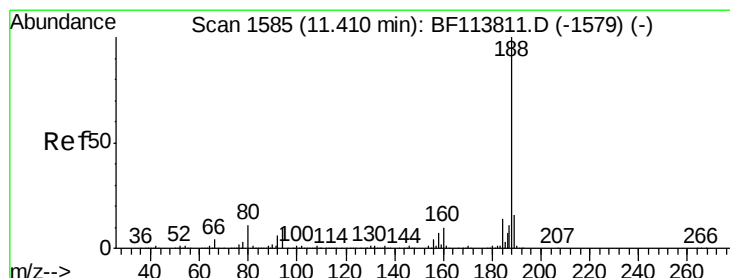
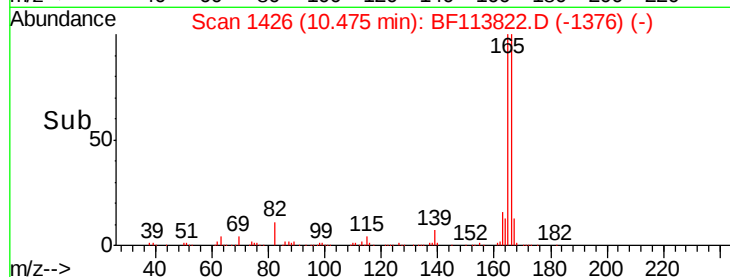
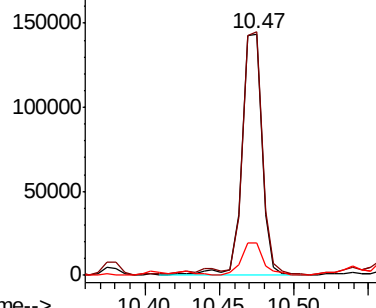


Abundance

Ion 166.00 (165.70 to 166.70): E

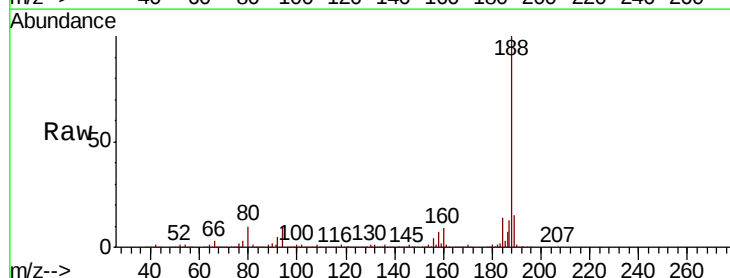
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF113822.D
 Acq: 18 Apr 2019 17:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.4
80	10.0	9.0	13.6

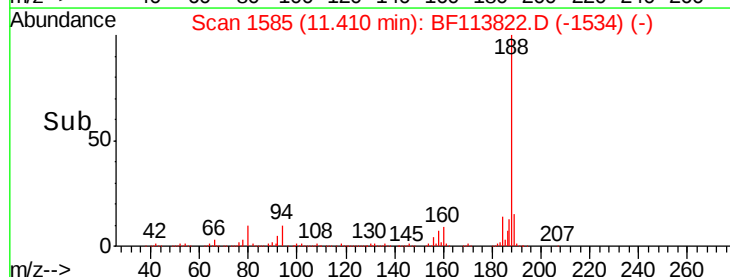
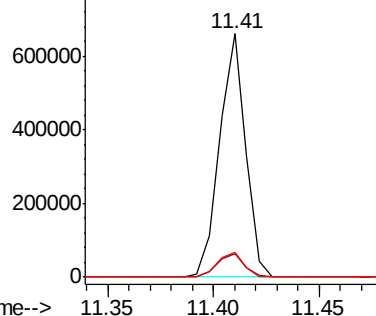


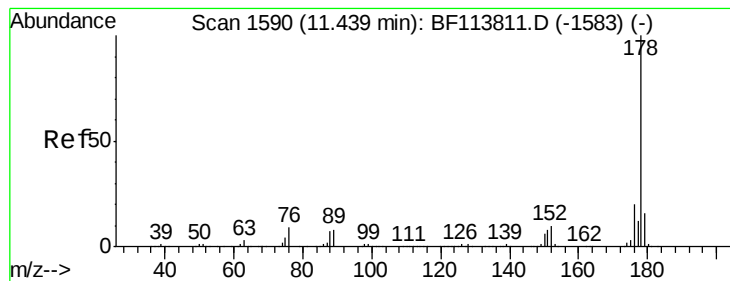
Abundance

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: 27.124 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

Instrument :

BNA_F

ClientSampleId :

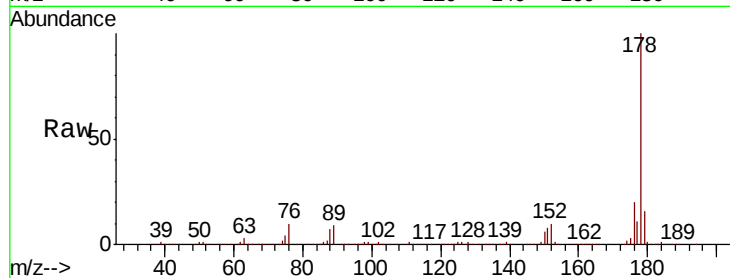
Tot Ion:178 Resp: 778472

Ion Ratio Lower Upper

178 100

176 19.8 16.1 24.1

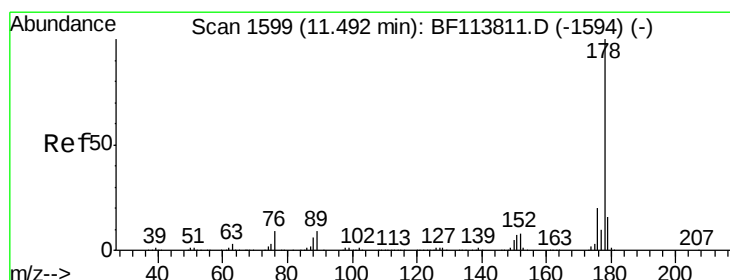
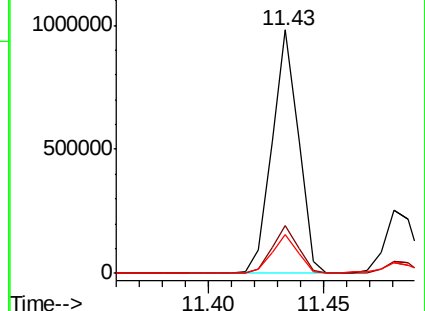
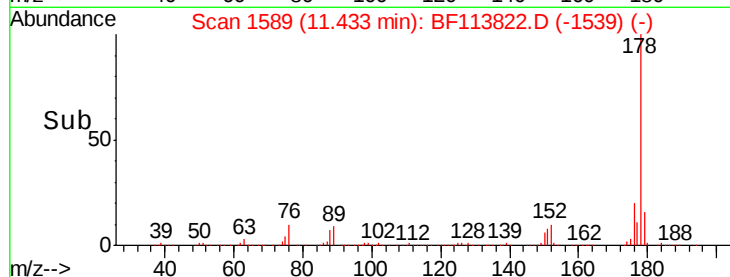
179 15.9 12.8 19.2



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: 7.532 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

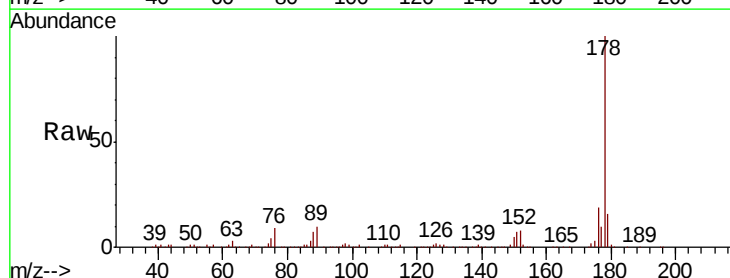
Tgt Ion:178 Resp: 217835

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

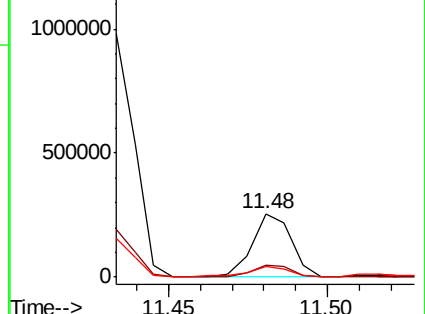
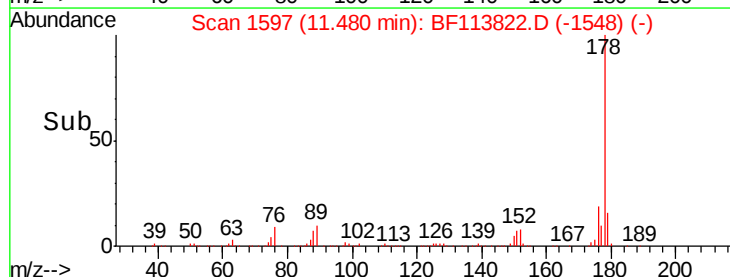
179 16.0 13.0 19.4

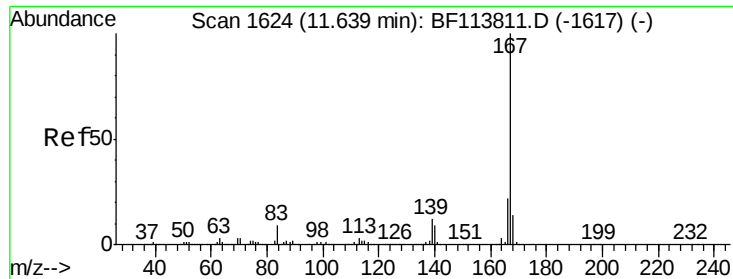


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

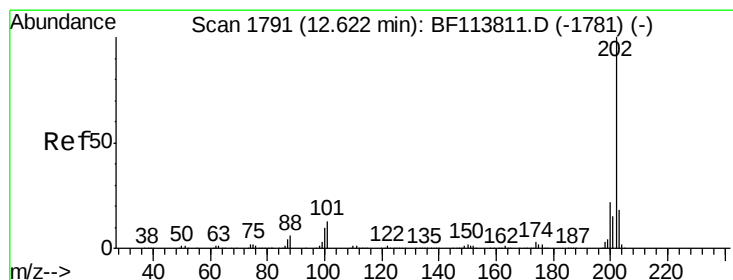
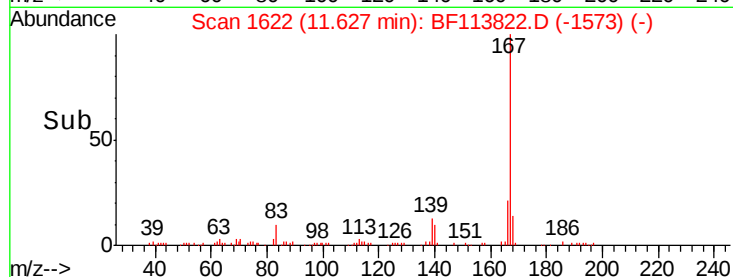
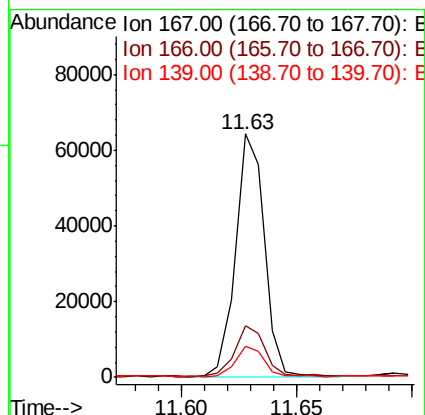
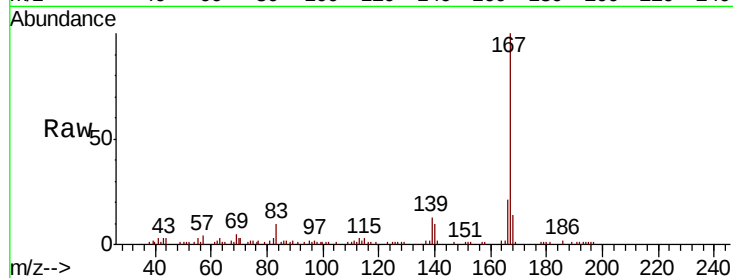




#73
 Carbazole
 Concen: 2.157 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF113822.D
 Acq: 18 Apr 2019 17:36

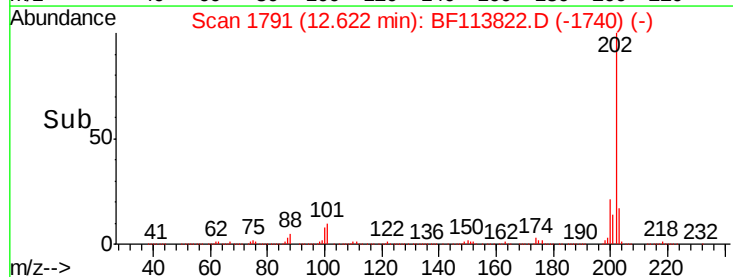
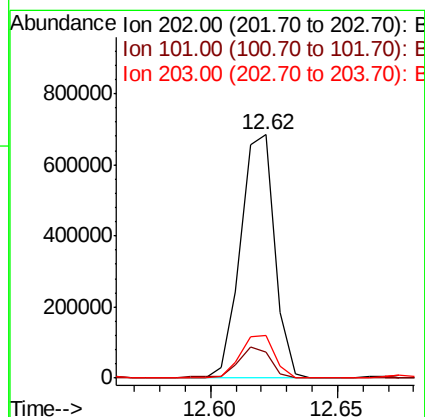
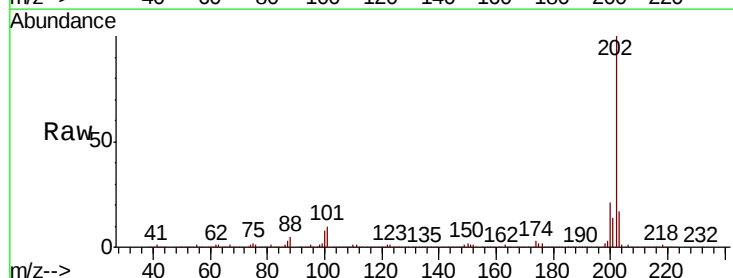
Instrument :
 BNA_F
 ClientSampleId :

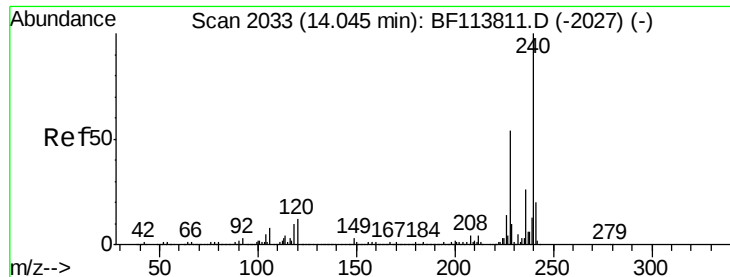
Tot Ion:167 Resp: 56637
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.7 26.5
 139 13.0 10.0 15.0



#75
 Fluoranthene
 Concen: 21.053 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF113822.D
 Acq: 18 Apr 2019 17:36

Tgt Ion:202 Resp: 640365
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 32.9
 203 17.3 0.0 38.2

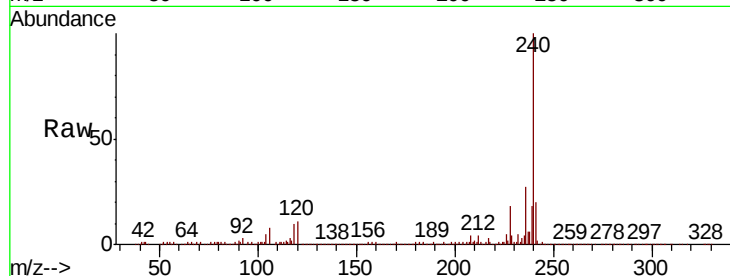




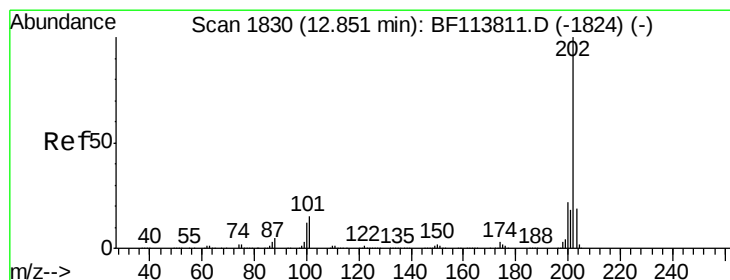
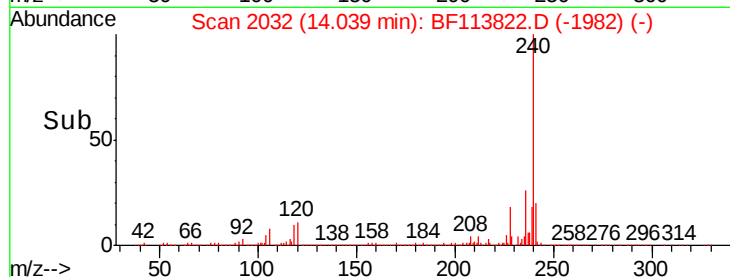
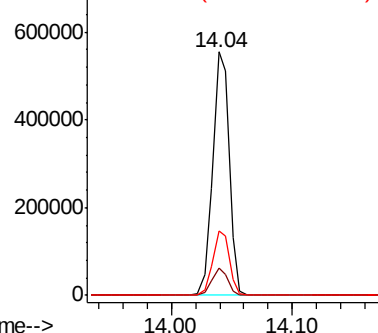
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF113822.D
Acq: 18 Apr 2019 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.3	13.9
236	26.5	21.2	31.8

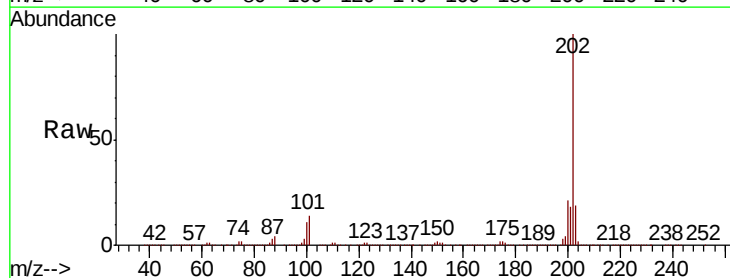


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

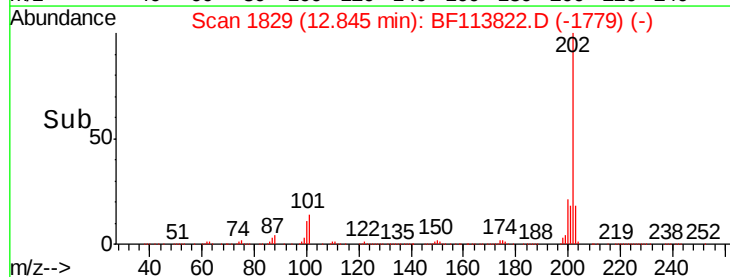
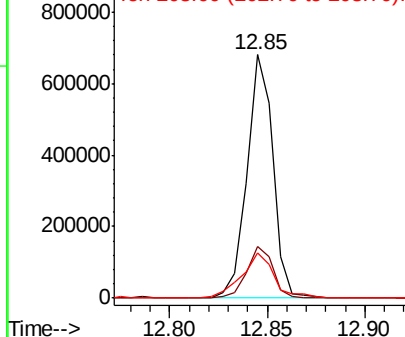


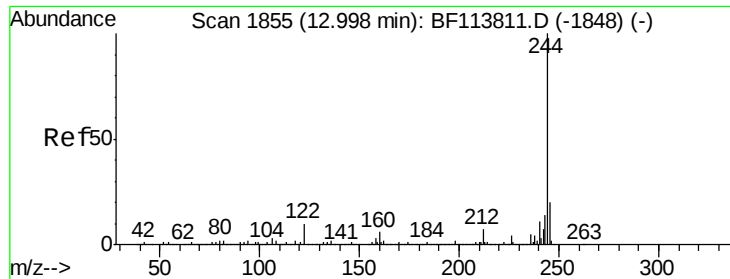
#78
Pyrene
Concen: 16.628 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF113822.D
Acq: 18 Apr 2019 17:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	18.5	15.0	22.6



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

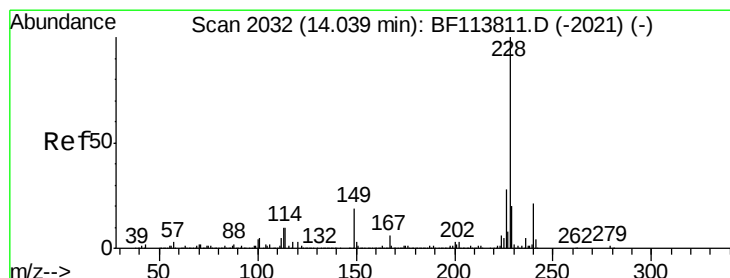
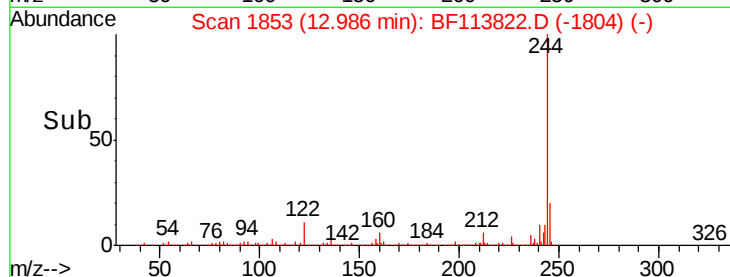
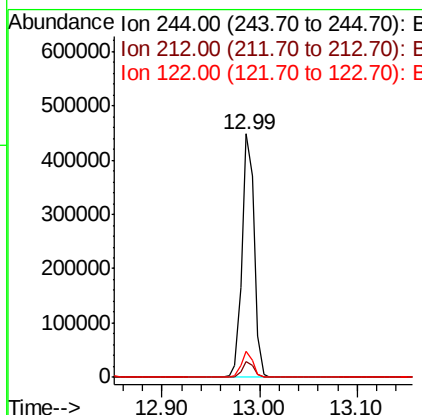
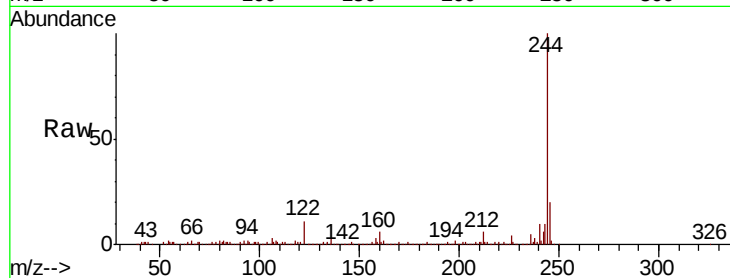




#79
 Terphenyl-d14
 Concen: 15.318 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF113822.D
 Acq: 18 Apr 2019 17:36

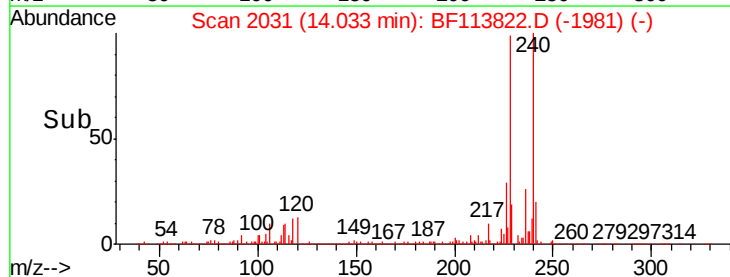
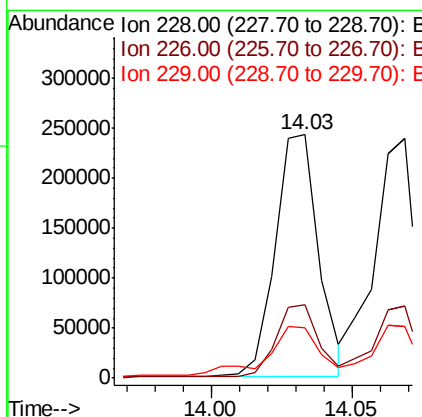
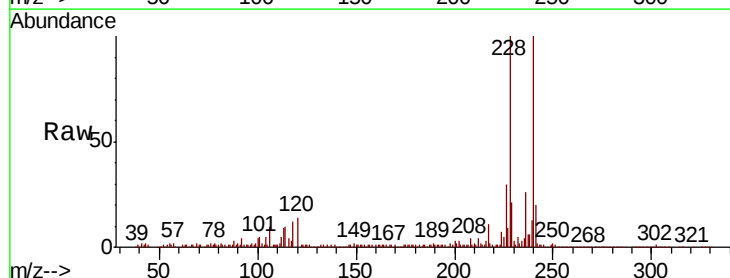
Instrument :
 BNA_F
 ClientSampleId :

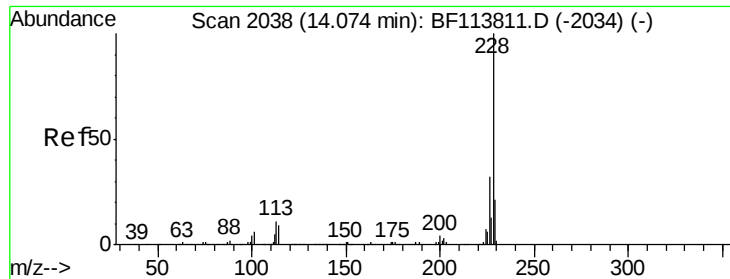
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	10.8	7.6	11.4



#81
 Benzo(a)anthracene
 Concen: 8.283 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF113822.D
 Acq: 18 Apr 2019 17:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.2
229	20.9	16.0	24.0

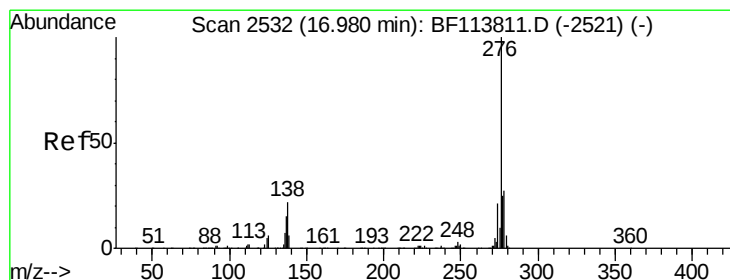
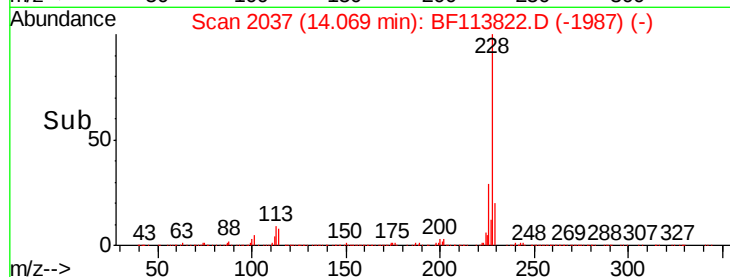
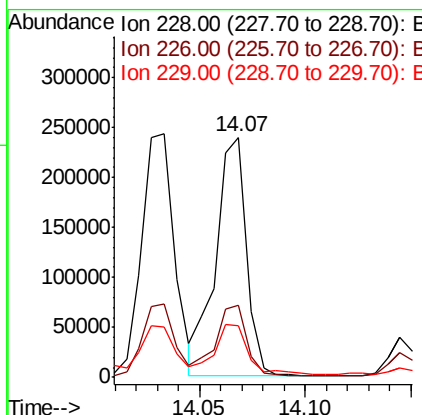
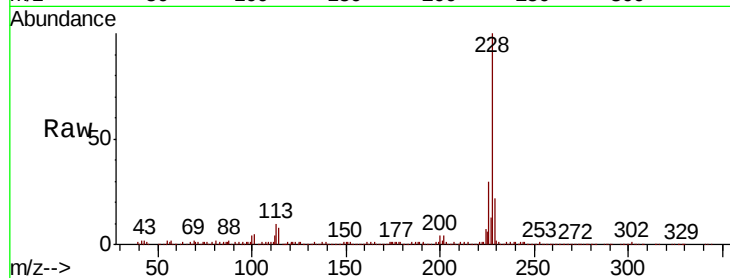




#83
Chrysene
Concen: 7.808 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF113822.D
Acq: 18 Apr 2019 17:36

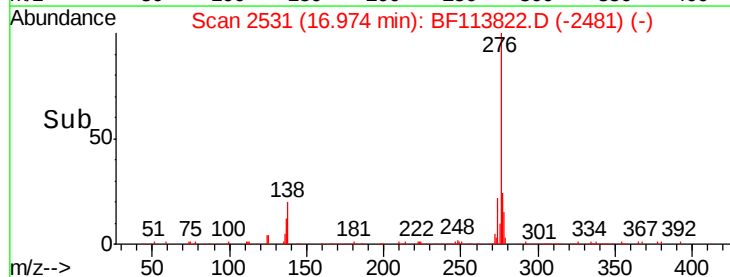
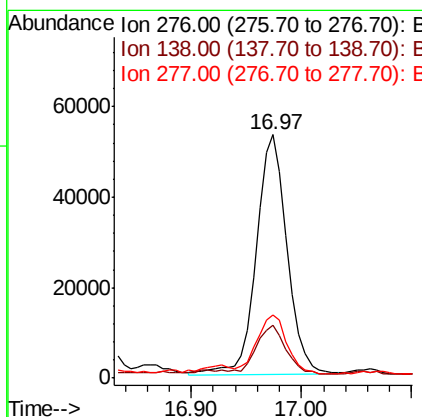
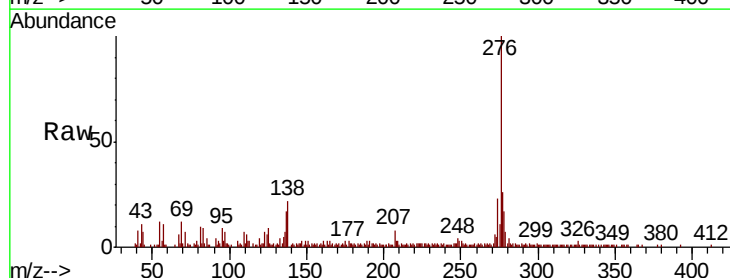
Instrument :
BNA_F
ClientSampleId :

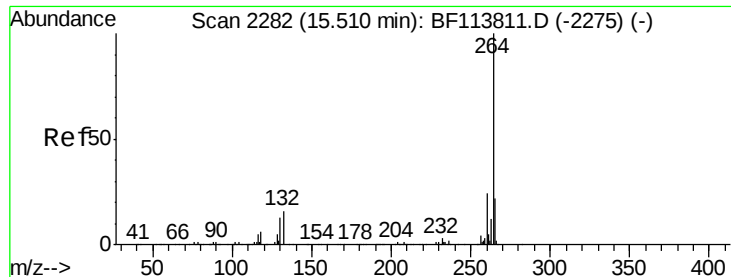
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.2	37.8
229	21.5	16.7	25.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.076 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF113822.D
Acq: 18 Apr 2019 17:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.6	29.4
277	24.6	20.2	30.4

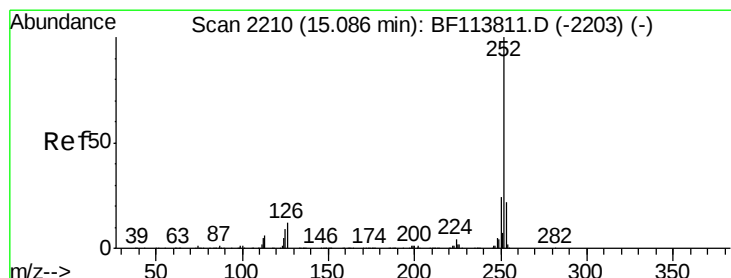
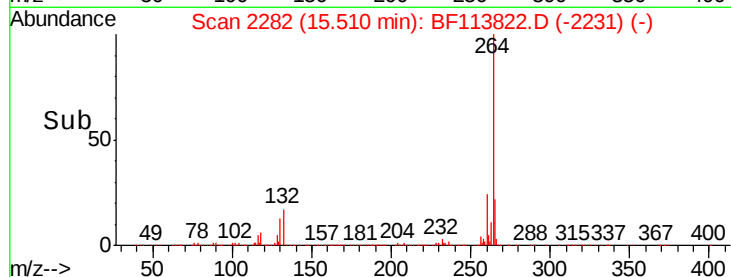
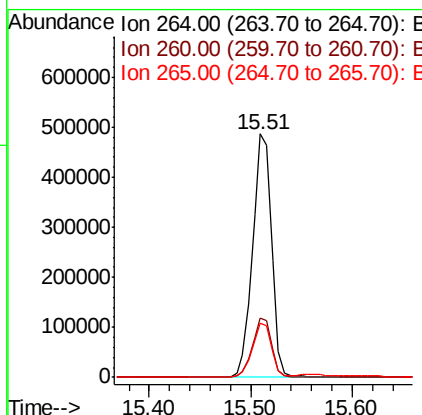
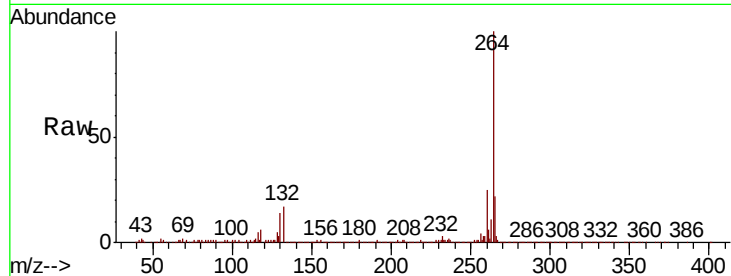




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF113822.D
Acq: 18 Apr 2019 17:36

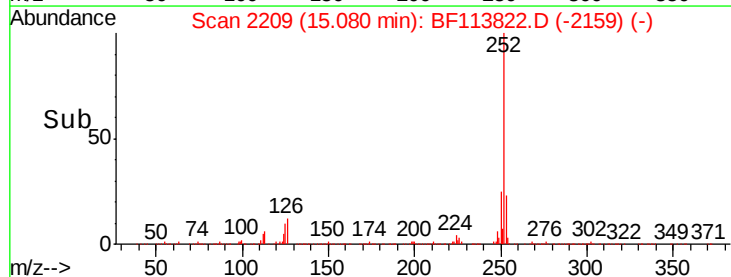
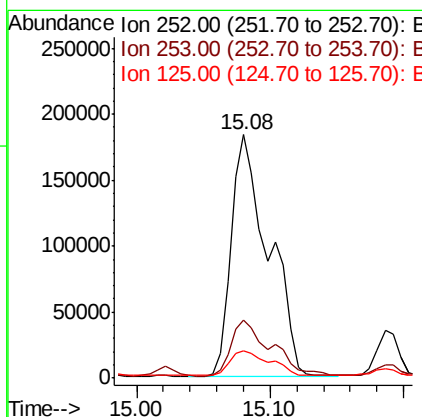
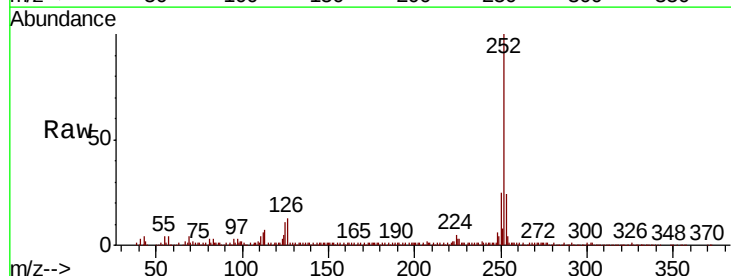
Instrument :
BNA_F
ClientSampleId :

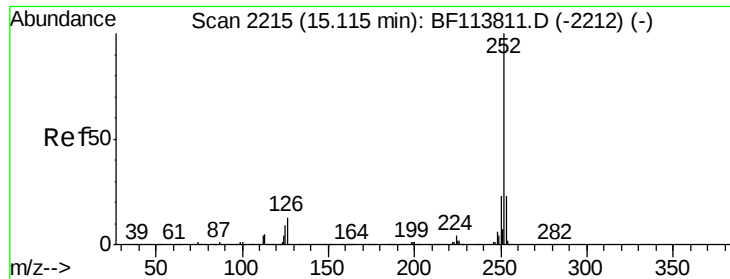
Tot Ion:264 Resp: 628432
Ion Ratio Lower Upper
264 100
260 24.6 18.9 28.3
265 22.5 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 9.143 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF113822.D
Acq: 18 Apr 2019 17:36

Tgt Ion:252 Resp: 358203
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 11.1 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 10.039 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.04 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

Instrument :

BNA_F

ClientSampleId :

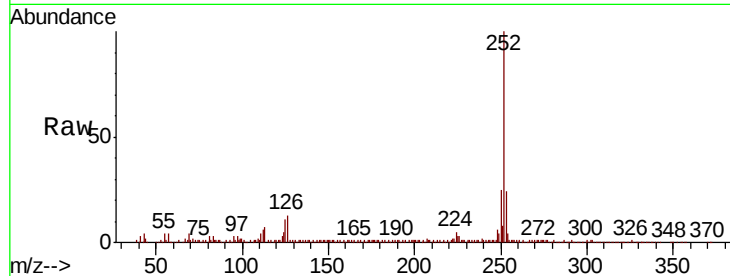
Tot Ion:252 Resp: 358203

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

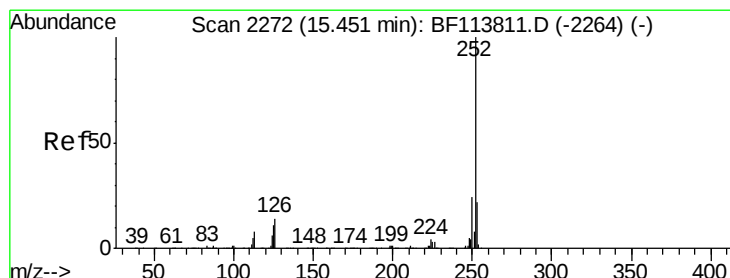
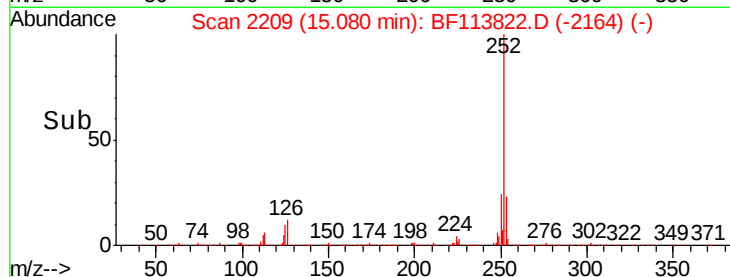
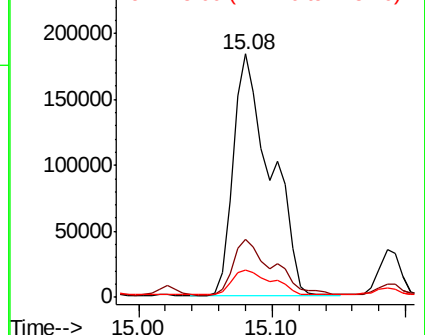
125 11.1 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 6.545 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF113822.D

Acq: 18 Apr 2019 17:36

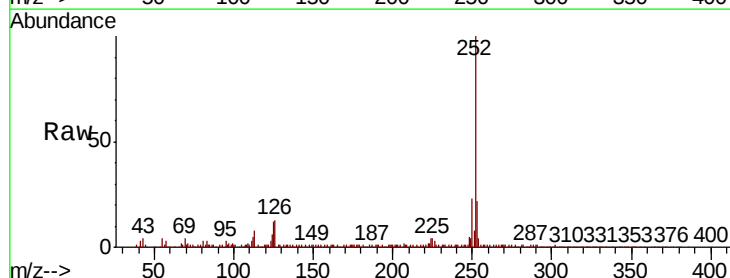
Tgt Ion:252 Resp: 226738

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

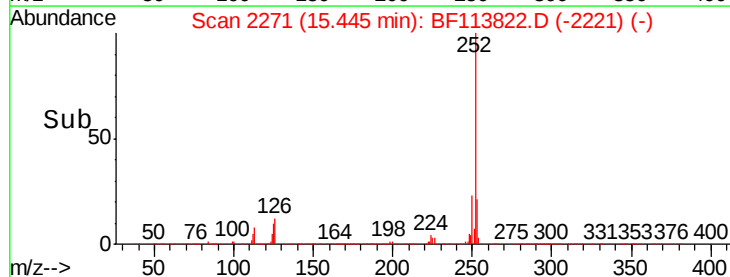
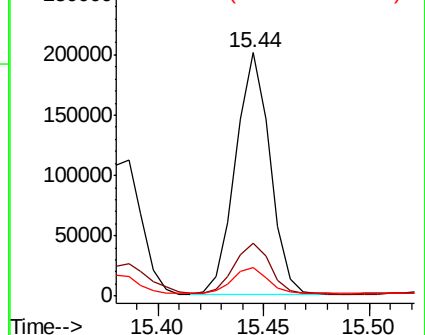
125 11.5 8.5 12.7

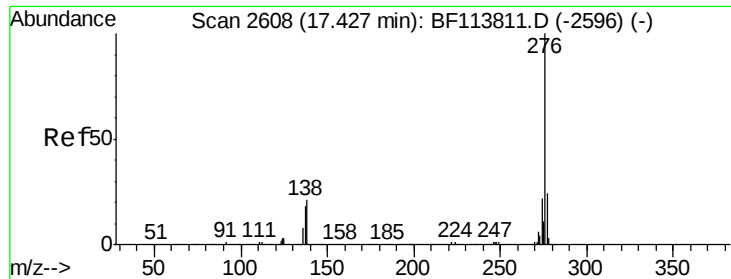


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 3.006 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BF113822.D
 Acq: 18 Apr 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.4
138	21.2	16.6	25.0

