

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
 Data File : BF113777.D
 Acq On : 15 Apr 2019 22:00
 Operator : JU/SJ
 Sample : K2199-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 15 23:09:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	117442	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	445216	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	215435	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	398709	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	281767	20.00	ng	-0.02
87) Perylene-d12	15.24	264	306587	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	671276	97.47	ng	-0.01
7) Phenol-d6	6.33	99	900430	106.08	ng	-0.01
23) Nitrobenzene-d5	7.24	82	509660	67.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	242497	93.70	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	972763	72.69	ng	-0.02
79) Terphenyl-d14	12.77	244	932947	67.41	ng	-0.02

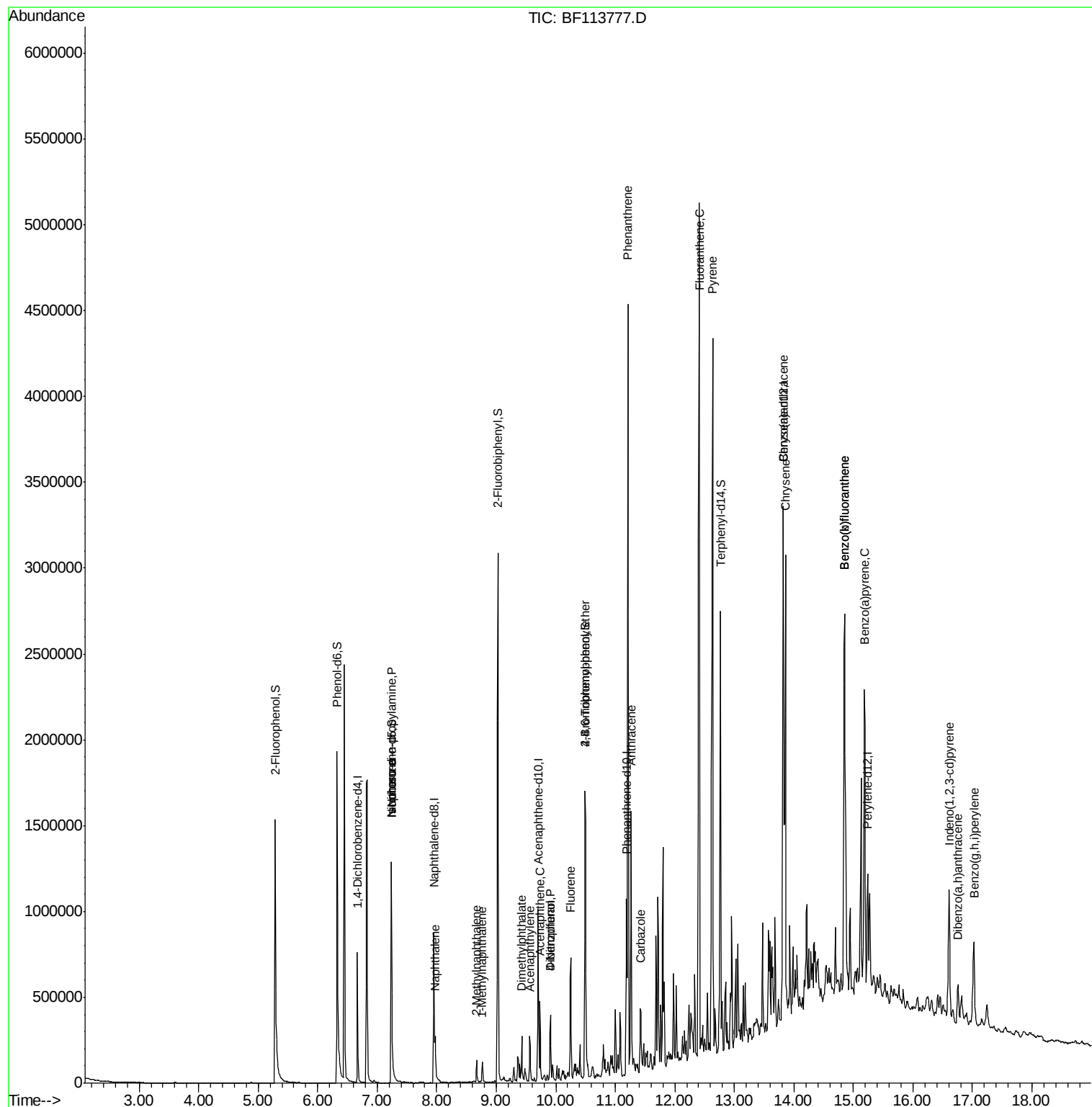
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.24	70	65372	12.489	ng	# 75
25) Isophorone	7.24	82	509657	34.808	ng	# 64
31) Naphthalene	7.97	128	122251	5.667	ng	97
37) 2-Methylnaphthalene	8.67	142	41165	2.901	ng	98
38) 1-Methylnaphthalene	8.76	142	38644	2.825	ng	96
49) Acenaphthylene	9.56	152	109385	4.998	ng	99
50) Dimethylphthalate	9.43	163	116418	7.331	ng	100
52) Acenaphthene	9.73	154	100218	7.999	ng	98
55) Dibenzofuran	9.91	168	143299	7.797	ng	96
56) 4-Nitrophenol	9.91	139	50848	20.596	ng	# 9
58) Fluorene	10.25	166	211238	14.532	ng	100
67) 4-Bromophenyl-phenylether	10.50	248	13301	2.974	ng	# 1
71) Phenanthrene	11.22	178	1886817	95.235	ng	99
72) Anthracene	11.26	178	595757	29.555	ng	99
73) Carbazole	11.43	167	163168	8.655	ng	99
75) Fluoranthene	12.41	202	2559239	120.547	ng	98
78) Pyrene	12.63	202	2198943	102.566	ng	98
81) Benzo(a)anthracene	13.82	228	1263604	77.742	ng	98
83) Chrysene	13.86	228	1061433	64.420	ng	97
86) Indeno(1,2,3-cd)pyrene	16.61	276	488021	32.080	ng	96
88) Benzo(b)fluoranthene	14.85	252	1772315	94.438	ng	97
89) Benzo(k)fluoranthene	14.85	252	1772315	105.226	ng	# 96
90) Benzo(a)pyrene	15.19	252	928922	55.703	ng	97
91) Dibenz(a,h)anthracene	16.76	278	110285	7.072	ng	96
92) Benzo(g,h,i)perylene	17.02	276	431866	27.132	ng	97

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

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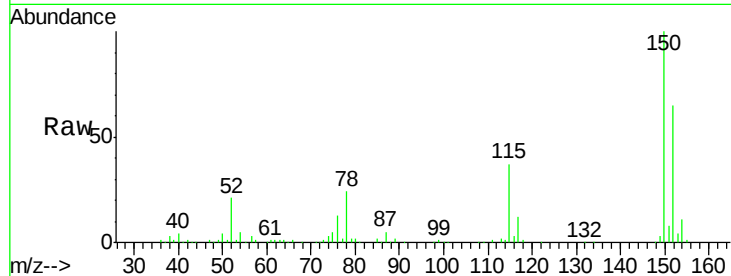


#1

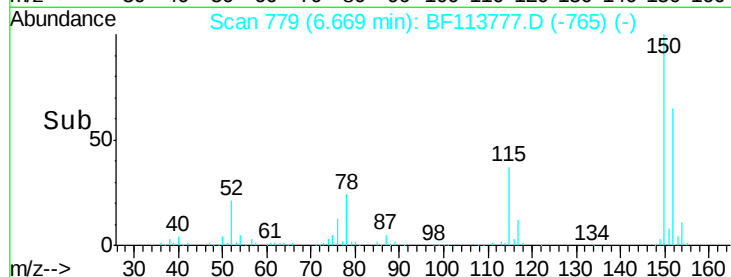
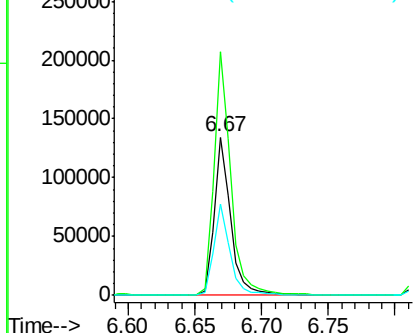
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 117442
Ion Ratio Lower Upper
152 100
150 154.2 124.7 187.1
115 57.7 46.0 69.0



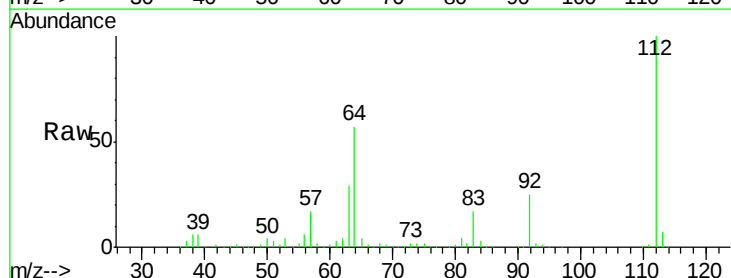
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



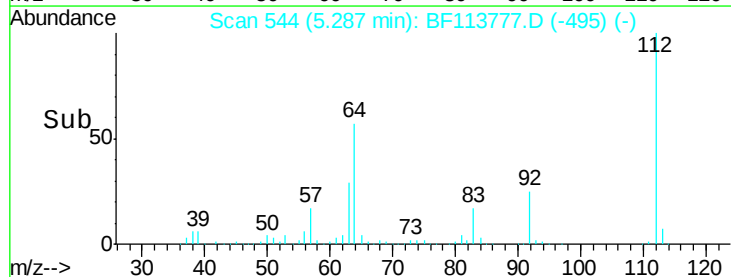
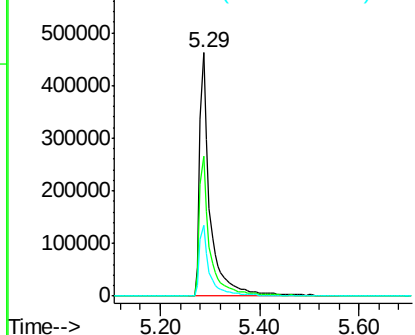
#5

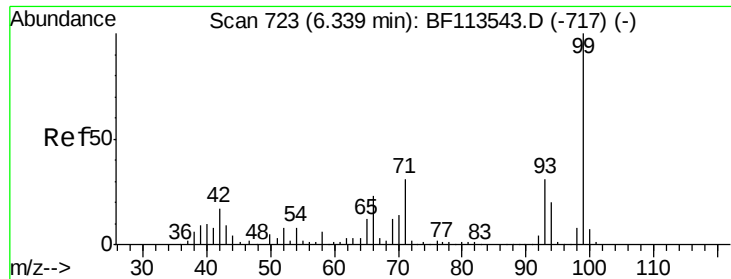
2-Fluorophenol
Concen: 97.468 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Tgt Ion:112 Resp: 671276
Ion Ratio Lower Upper
112 100
64 57.3 49.2 73.8
63 29.1 24.9 37.3



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: 106.077 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

Instrument :

BNA_F

ClientSampleId :

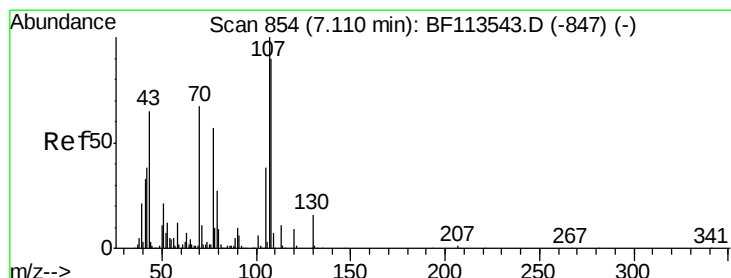
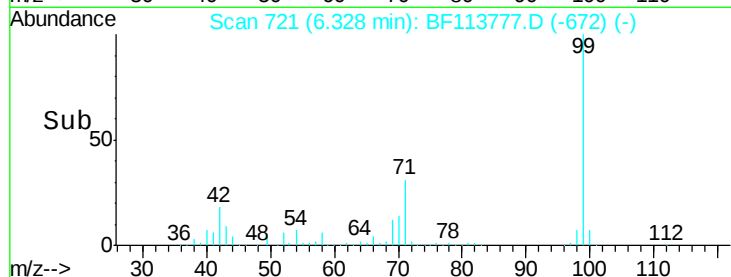
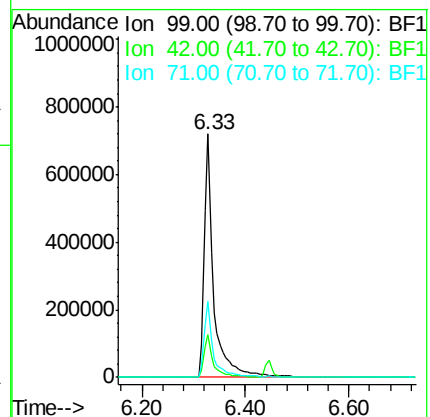
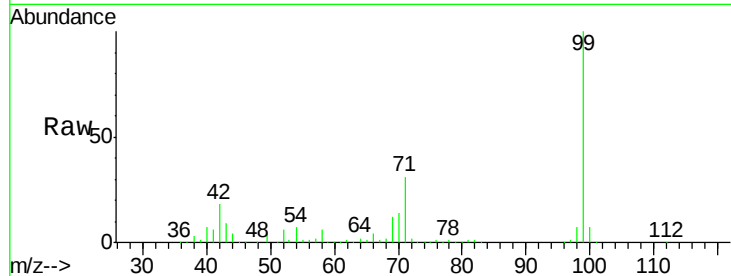
Tot Ion: 99 Resp: 900430

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

71 31.1 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.489 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

Tgt Ion: 70 Resp: 65372

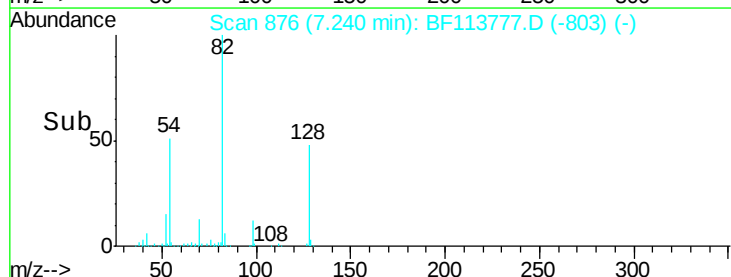
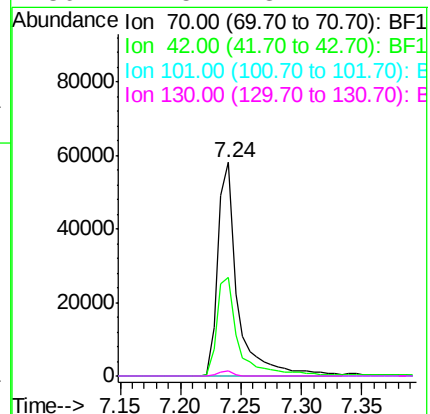
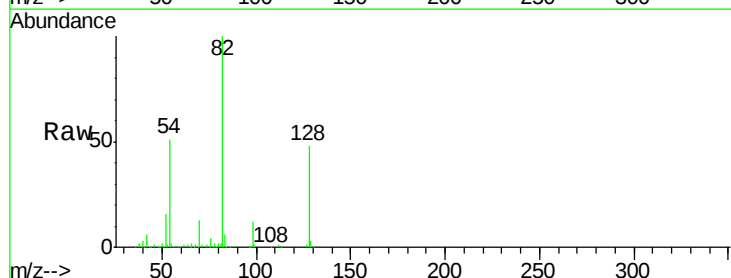
Ion Ratio Lower Upper

70 100

42 46.0 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 445216

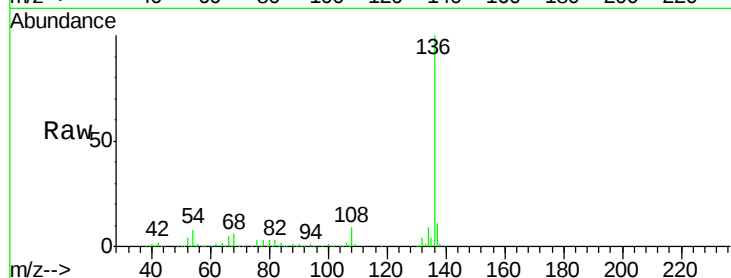
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 7.0 10.6

68 5.9 4.8 7.2

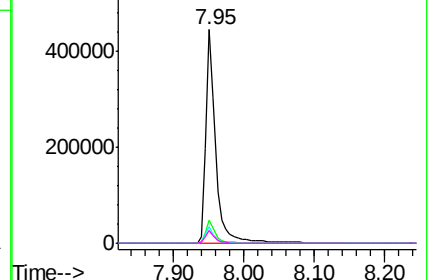
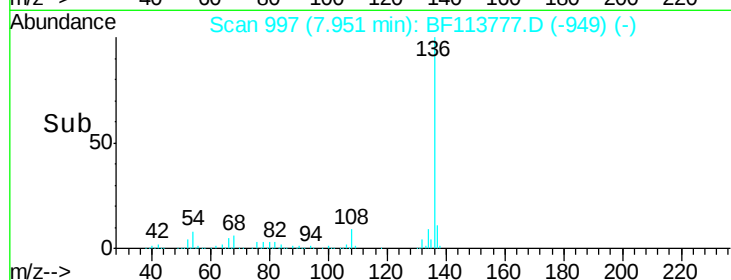


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.054 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

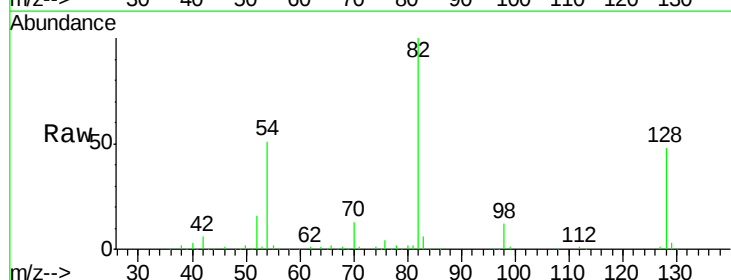
Tgt Ion: 82 Resp: 509660

Ion Ratio Lower Upper

82 100

128 48.0 36.5 54.7

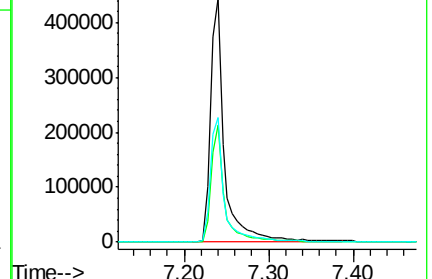
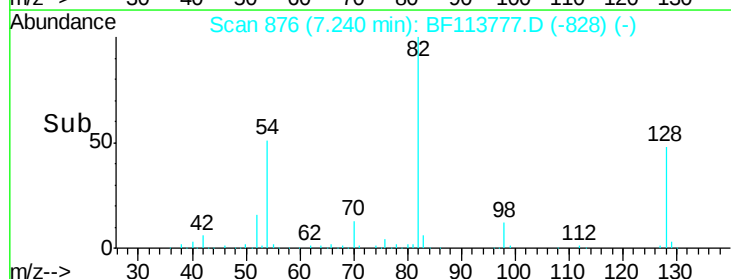
54 50.9 42.2 63.2



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

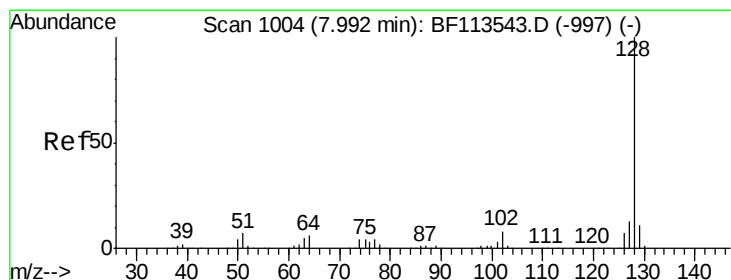
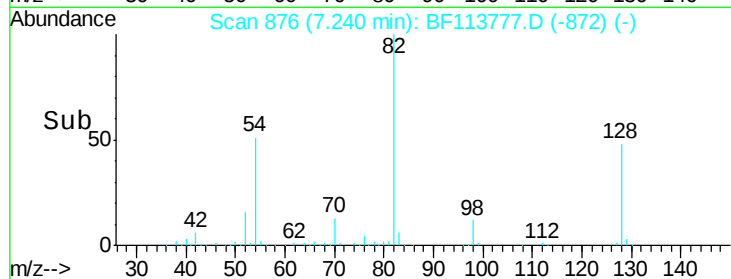
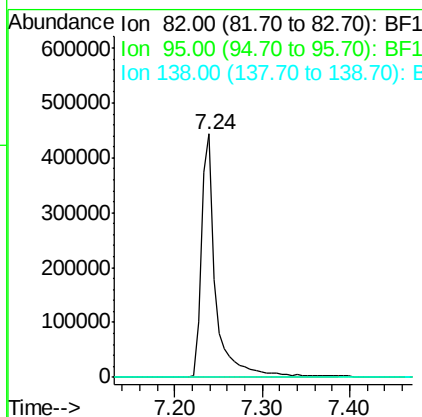
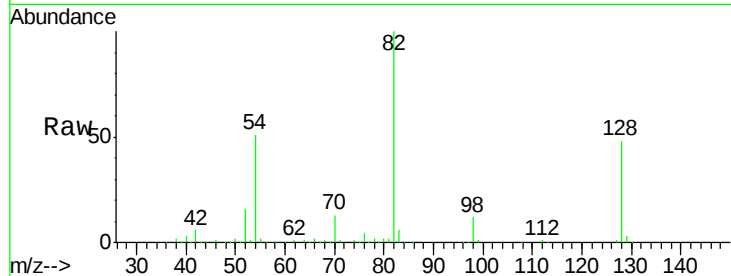




#25
Isophorone
Concen: 34.808 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

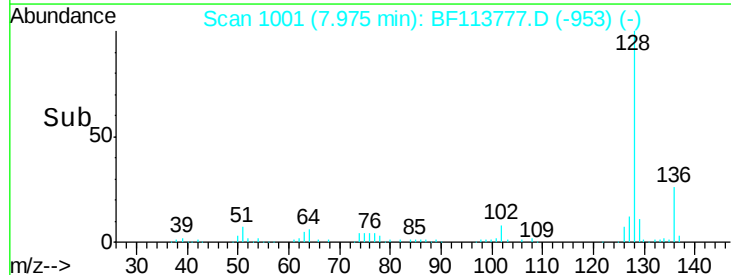
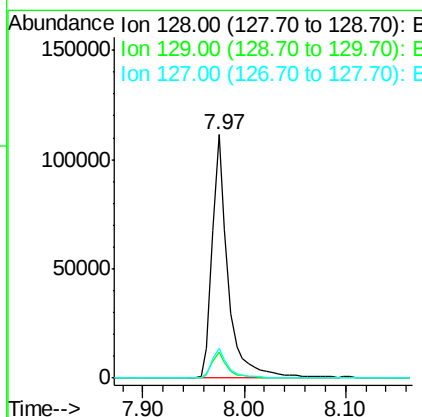
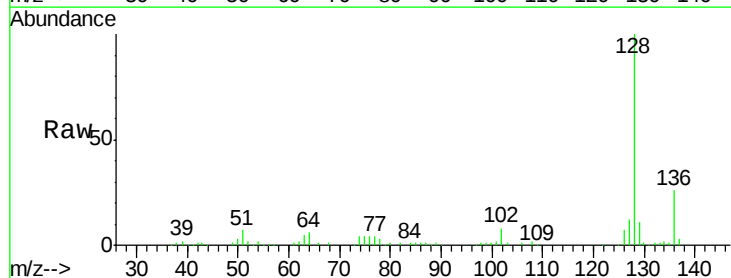
Instrument :
BNA_F
ClientSampled :

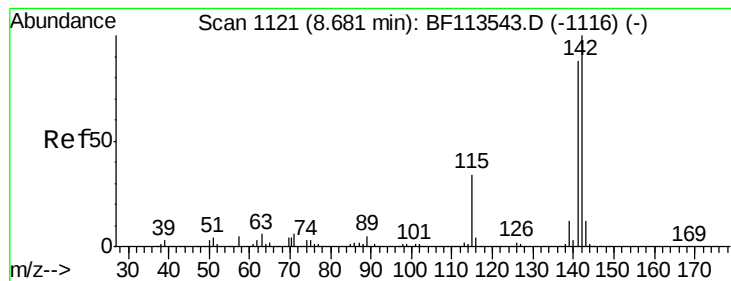
Tot Ion: 82 Resp: 509657
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#31
Naphthalene
Concen: 5.667 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Tgt Ion: 128 Resp: 122251
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.1 10.9 16.3





#37

2-Methylnaphthalene

Concen: 2.901 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

Instrument :

BNA_F

ClientSampled :

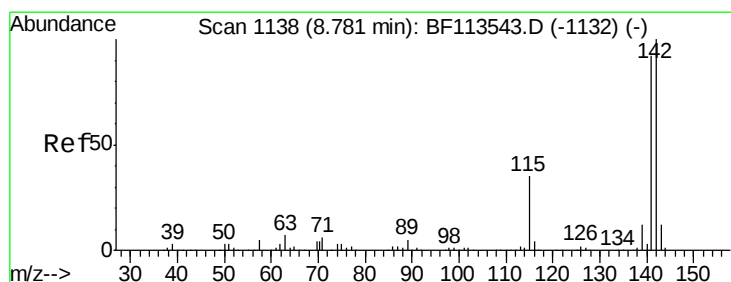
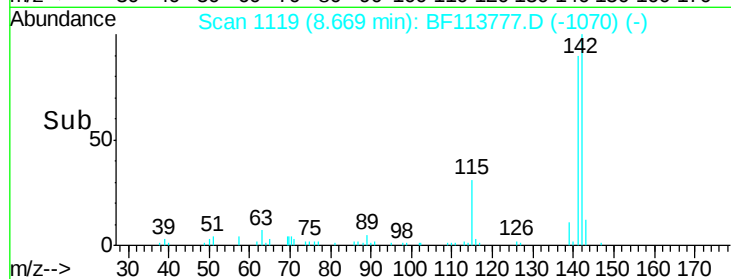
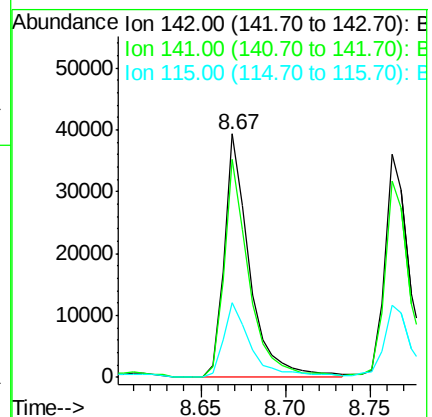
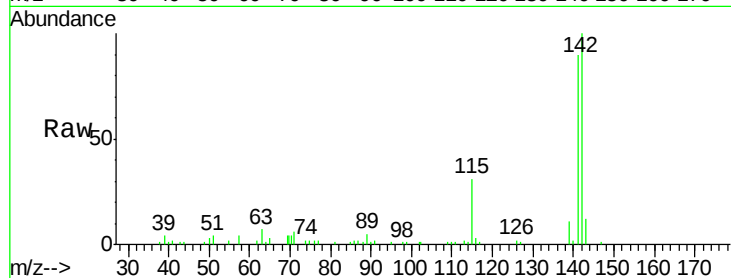
Tot Ion:142 Resp: 41165

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

115 30.7 26.6 39.8



#38

1-Methylnaphthalene

Concen: 2.825 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

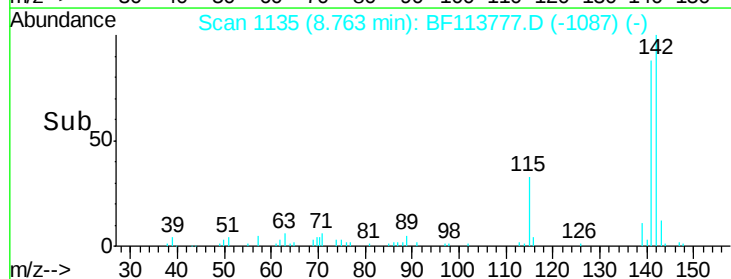
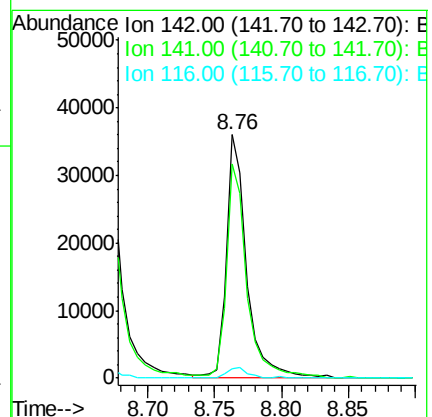
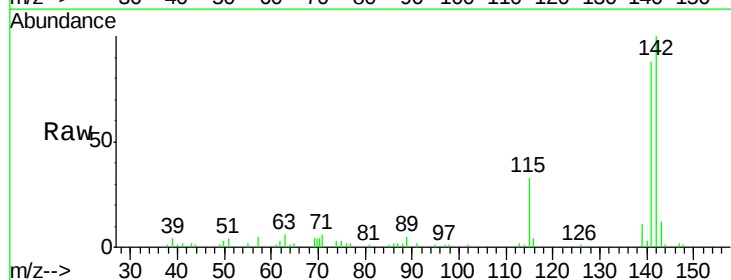
Tgt Ion:142 Resp: 38644

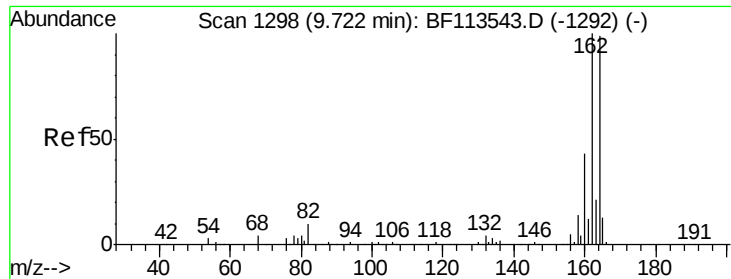
Ion Ratio Lower Upper

142 100

141 88.0 73.2 109.8

116 3.6 3.0 4.4

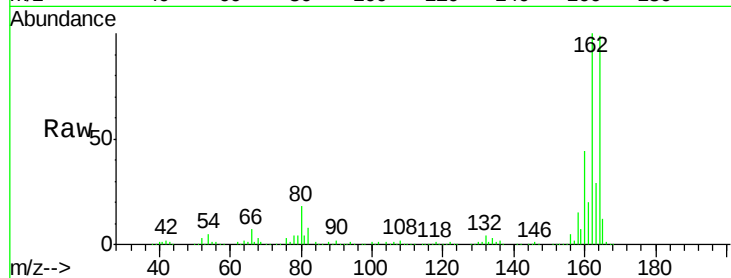




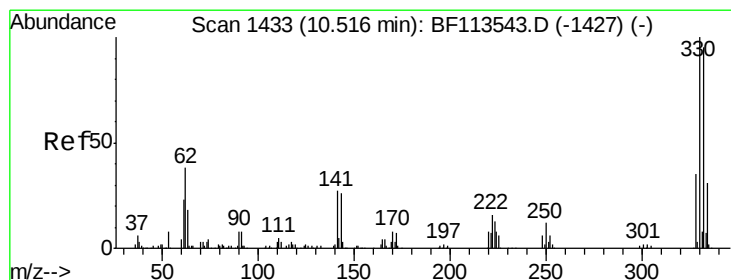
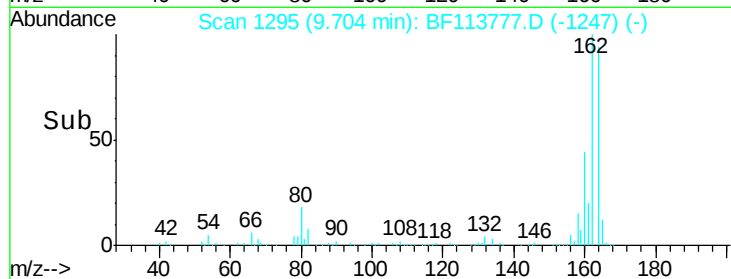
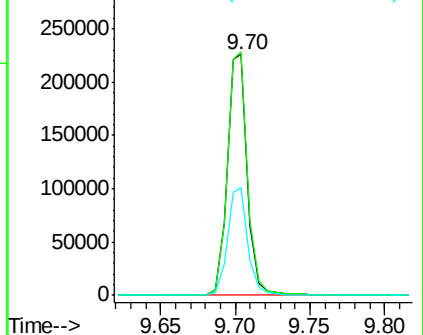
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113777.D
 Acq: 15 Apr 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.6
160	44.8	36.4	54.6

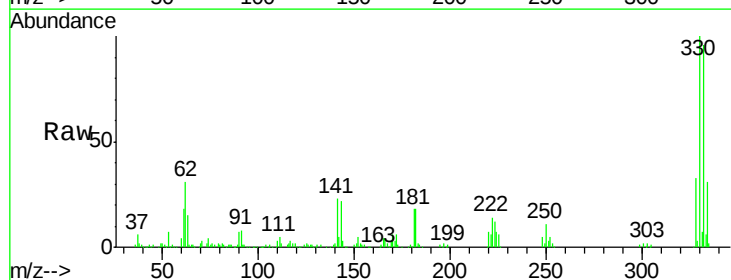


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

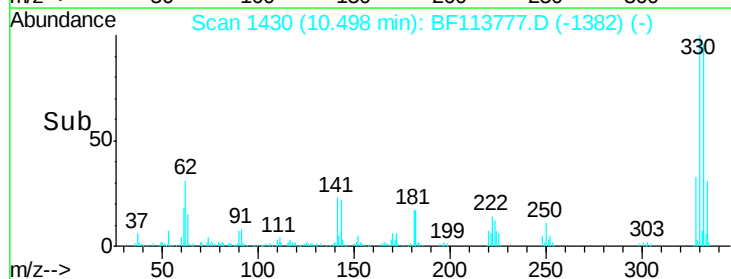
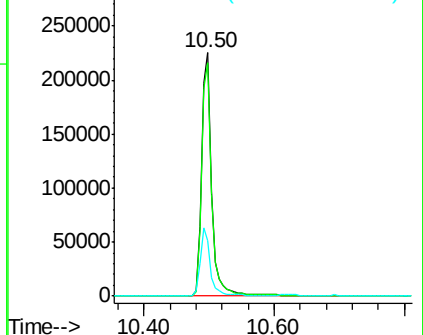


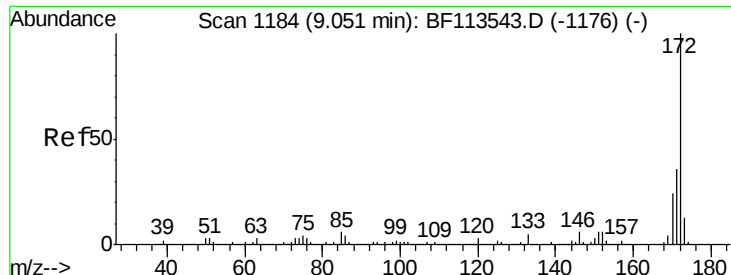
#42
 2,4,6-Tribromophenol
 Concen: 93.704 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113777.D
 Acq: 15 Apr 2019 22:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.8	116.6
141	27.0	22.7	34.1



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

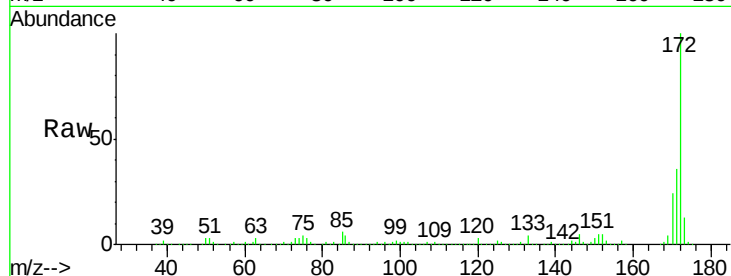




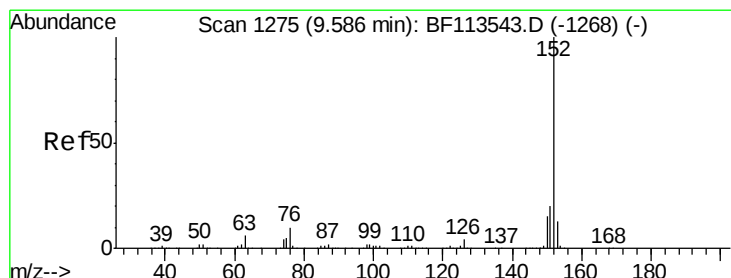
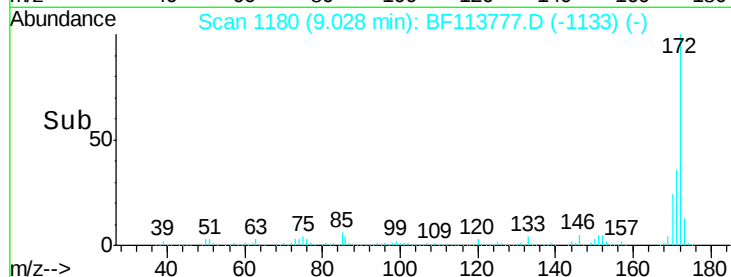
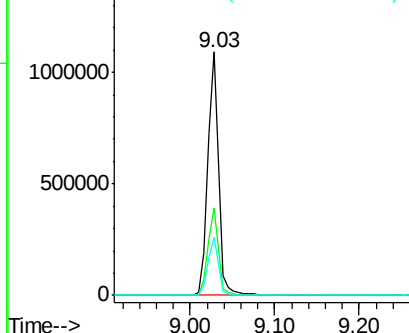
#45
2-Fluorobiphenyl
Concen: 72.692 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 972763
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 24.0 19.5 29.3

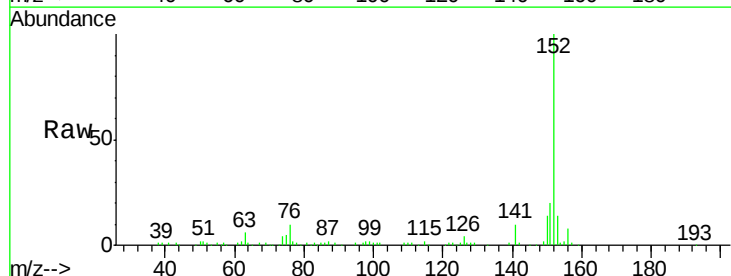


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

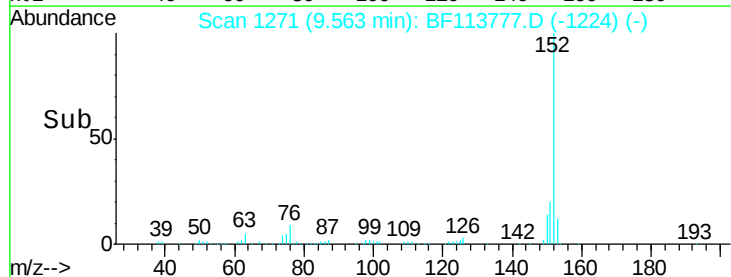
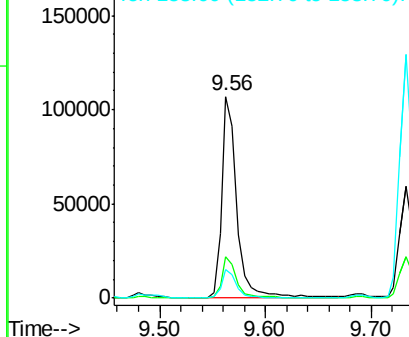


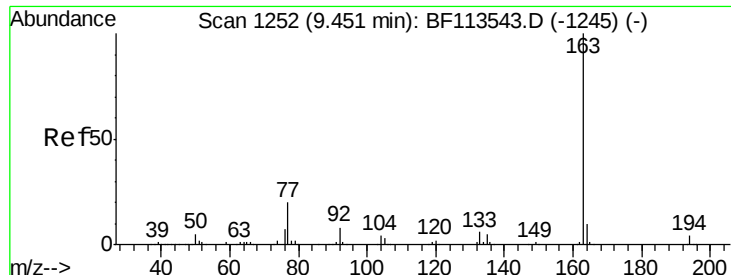
#49
Acenaphthylene
Concen: 4.998 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Tgt Ion:152 Resp: 109385
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

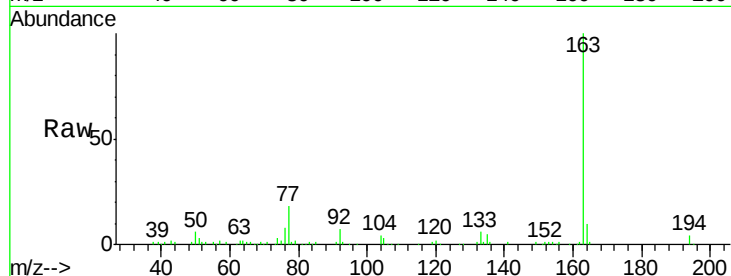




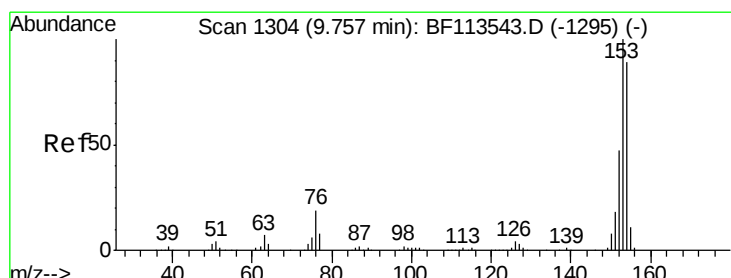
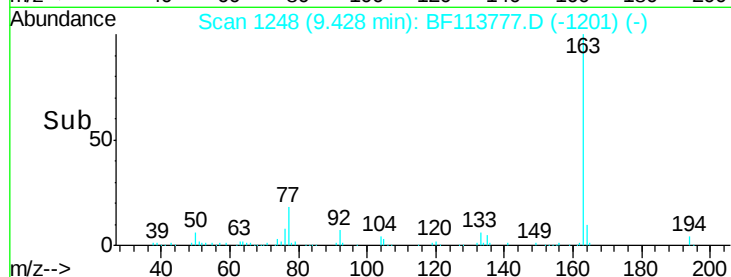
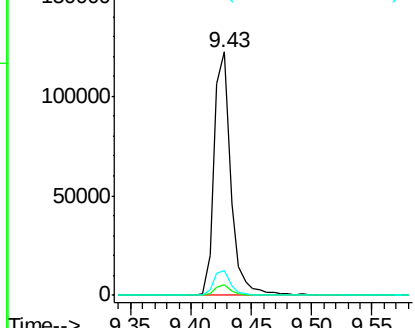
#50
Dimethylphthalate
Concen: 7.331 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 116418
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.1 8.1 12.1

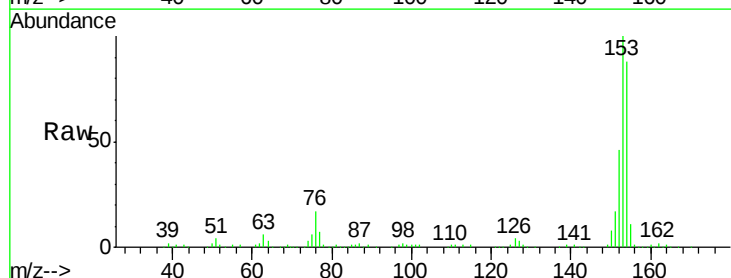


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

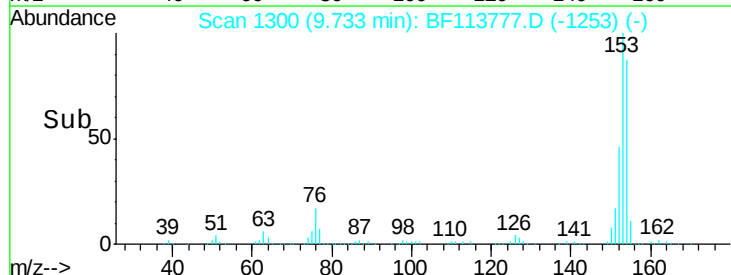
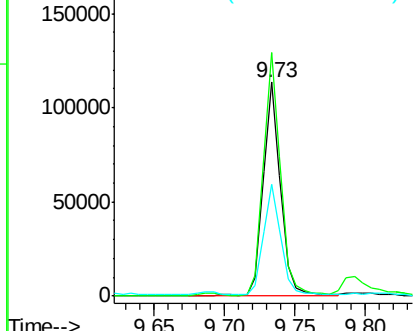


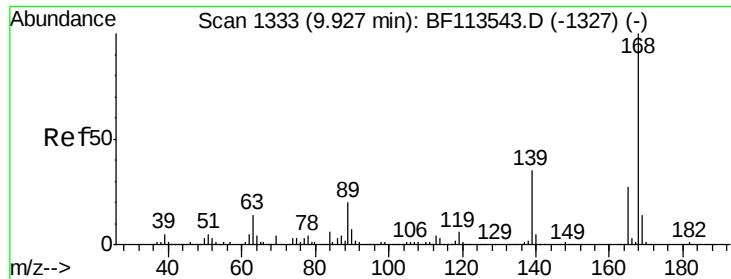
#52
Acenaphthene
Concen: 7.999 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Tgt Ion:154 Resp: 100218
Ion Ratio Lower Upper
154 100
153 114.0 89.5 134.3
152 52.3 43.3 64.9



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

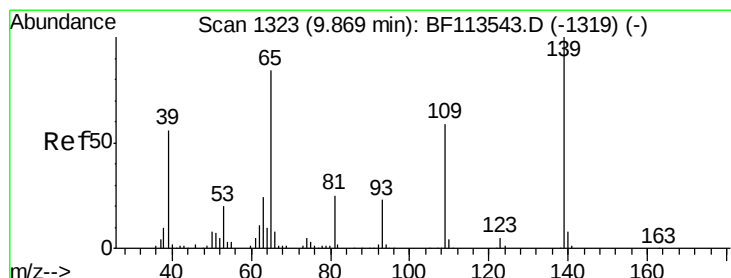
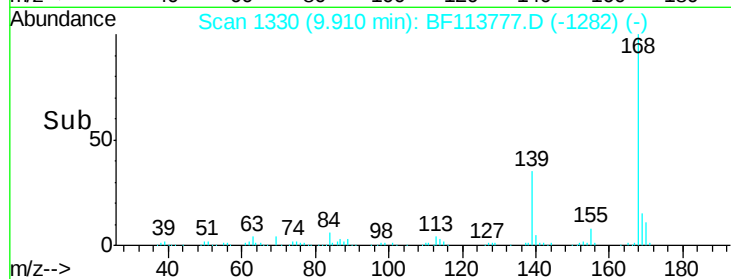
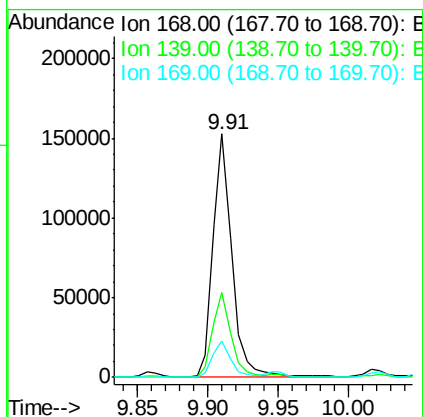
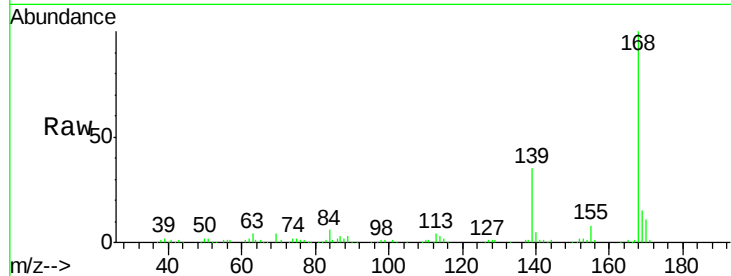




#55
Dibenzenofuran
Concen: 7.797 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

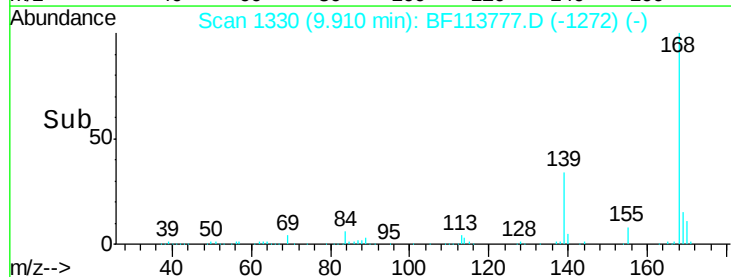
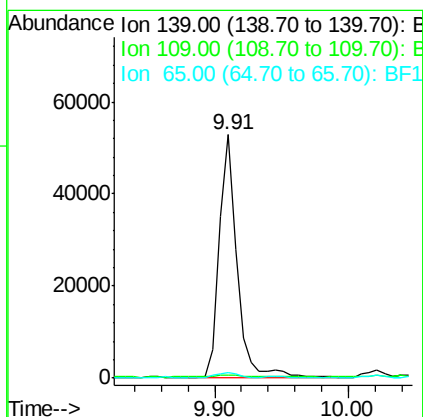
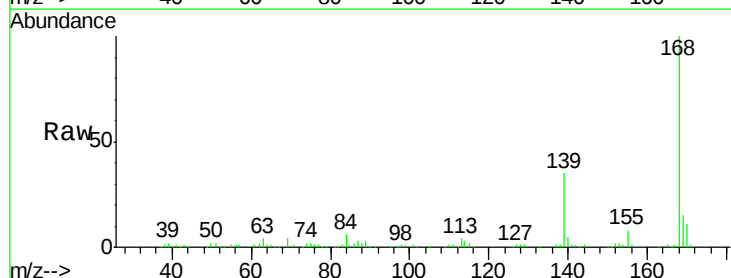
Instrument :
BNA_F
ClientSampleId :

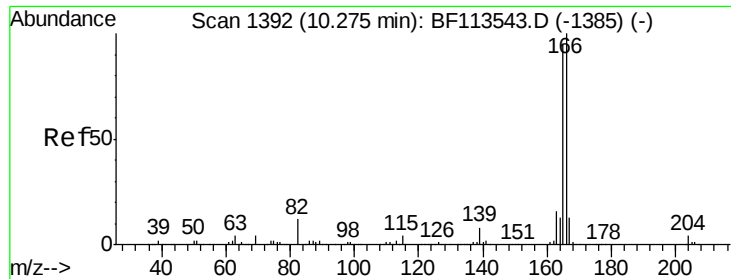
Tot Ion:168 Resp: 143299
Ion Ratio Lower Upper
168 100
139 34.6 29.7 44.5
169 15.1 10.7 16.1



#56
4-Nitrophenol
Concen: 20.596 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.04 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Tgt Ion:139 Resp: 50848
Ion Ratio Lower Upper
139 100
109 1.3 46.9 86.9#
65 2.1 77.2 117.2#





#58

Fluorene

Concen: 14.532 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.02 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

Instrument :

BNA_F

ClientSampleId :

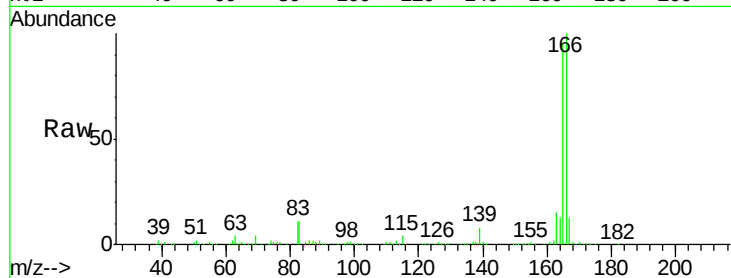
Tot Ion:166 Resp: 211238

Ion Ratio Lower Upper

166 100

165 95.1 76.2 114.2

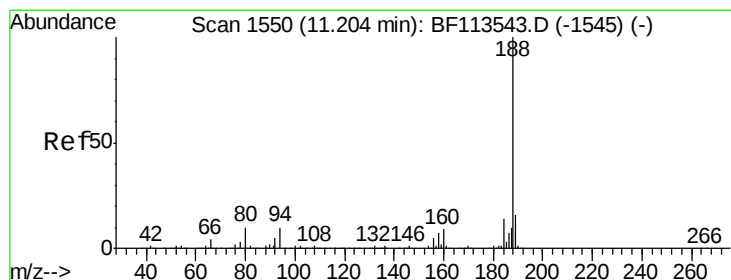
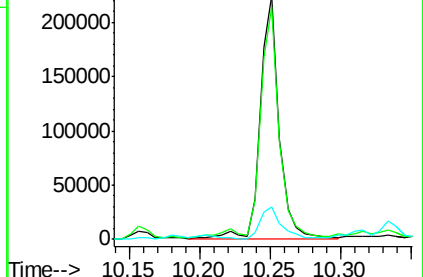
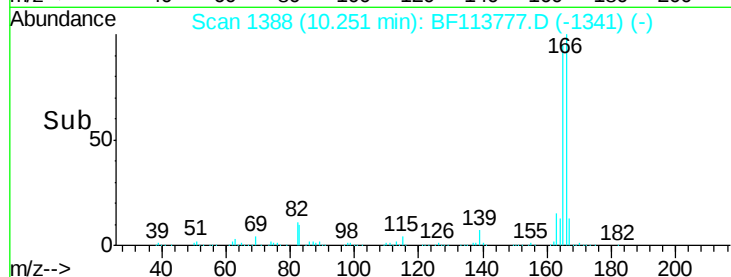
167 13.2 10.7 16.1



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: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

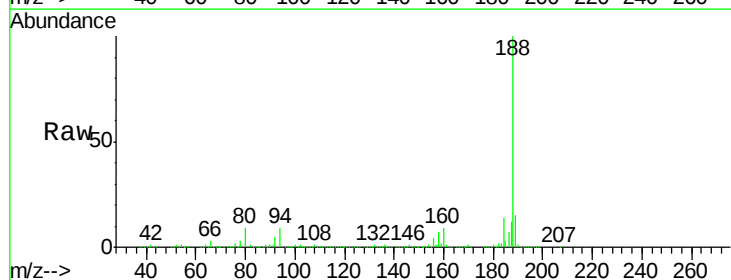
Tgt Ion:188 Resp: 398709

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

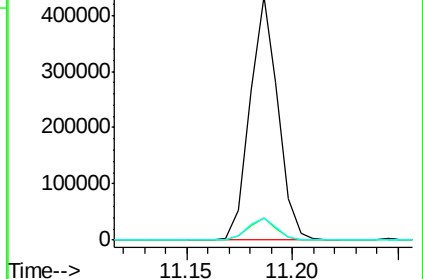
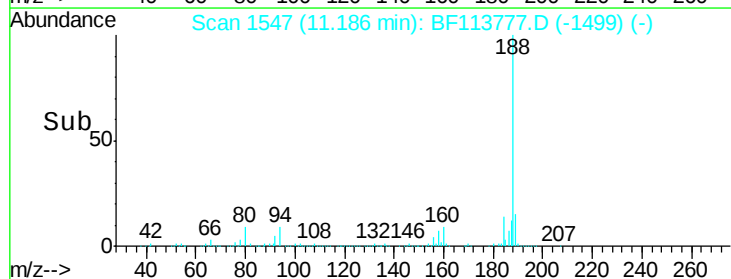
80 9.0 7.7 11.5

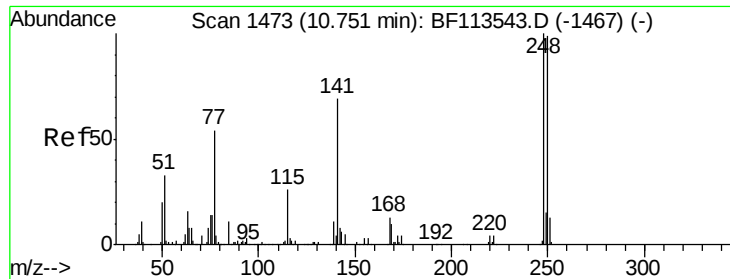


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

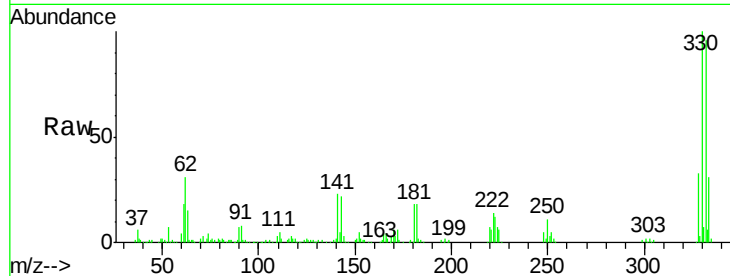




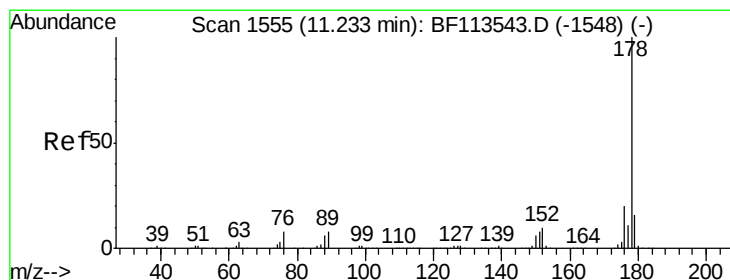
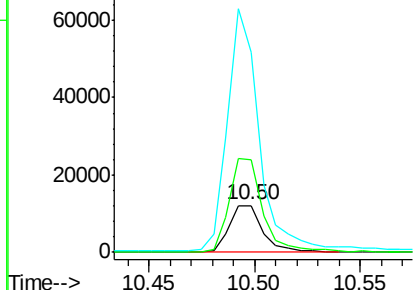
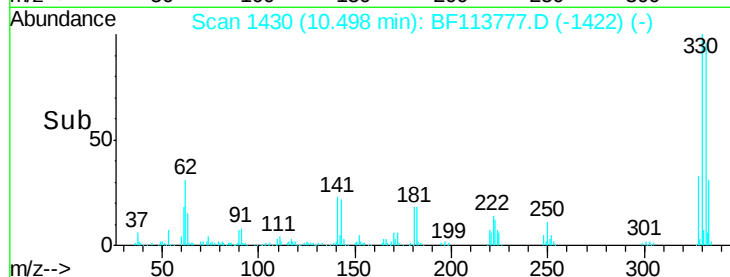
#67
 4-Bromophenyl-phenylether
 Concen: 2.974 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113777.D
 Acq: 15 Apr 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13301
 Ion Ratio Lower Upper
 248 100
 250 197.4 78.3 117.5#
 141 426.7 56.2 84.4#

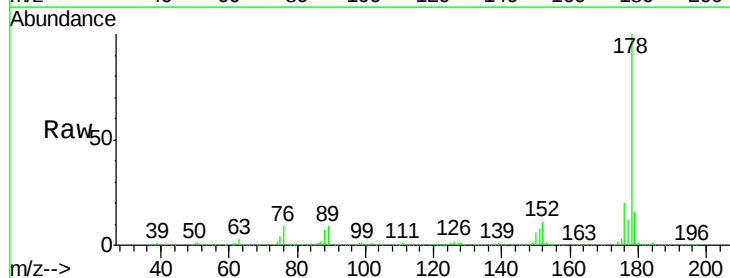


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

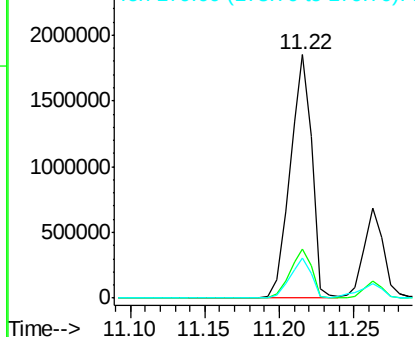
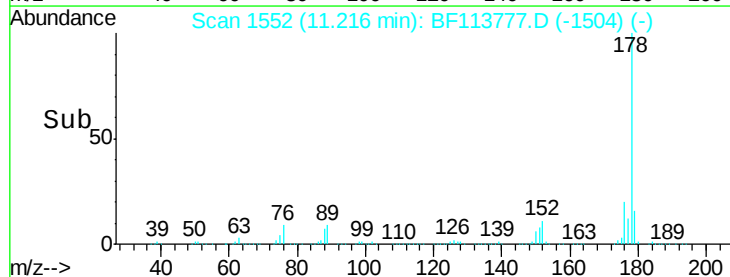


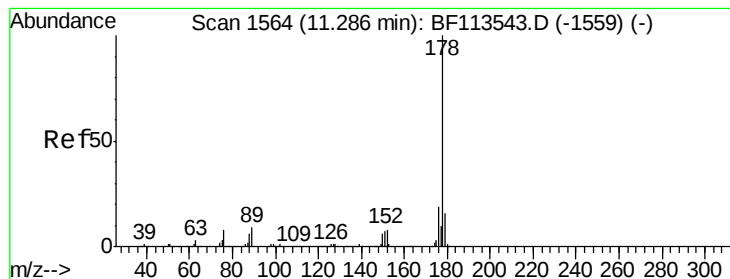
#71
 Phenanthrene
 Concen: 95.235 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.02 min
 Lab File: BF113777.D
 Acq: 15 Apr 2019 22:00

Tgt Ion:178 Resp: 1886817
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.2
 179 16.3 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





#72

Anthracene

Concen: 29.555 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

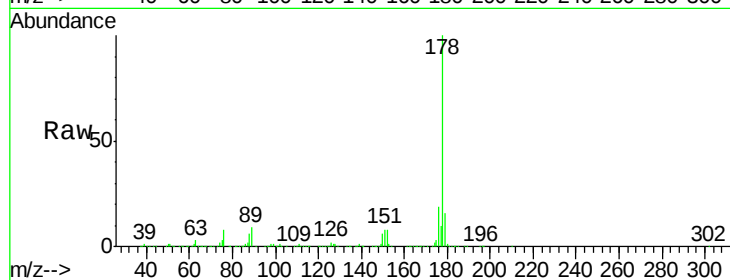
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 595757

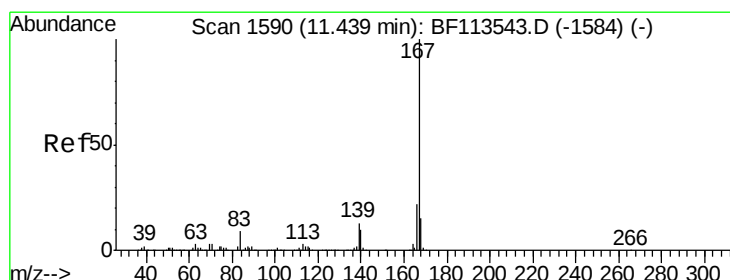
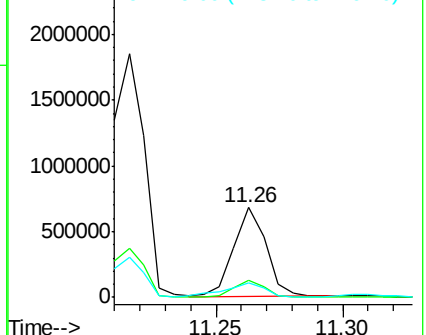
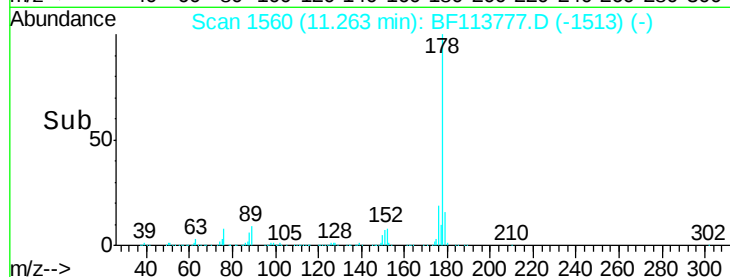
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	16.3	12.8	19.2



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



#73

Carbazole

Concen: 8.655 ng

RT: 11.43 min Scan# 1588

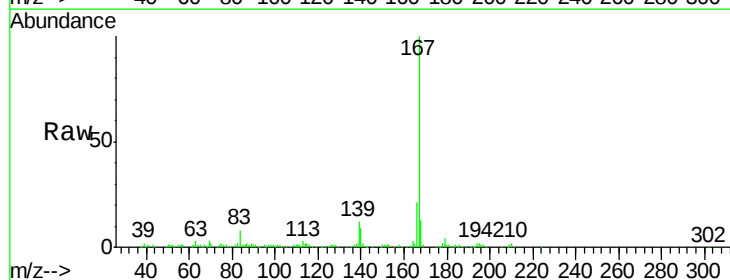
Delta R.T. -0.01 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

Tgt Ion:167 Resp: 163168

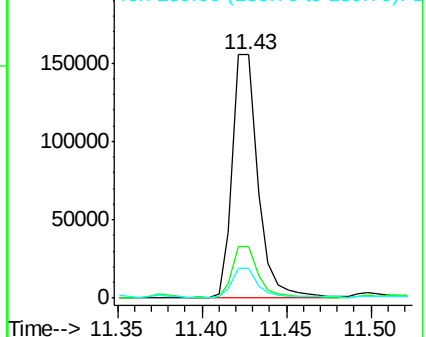
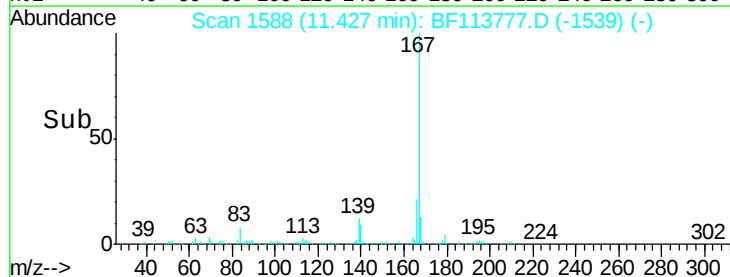
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	12.3	10.4	15.6

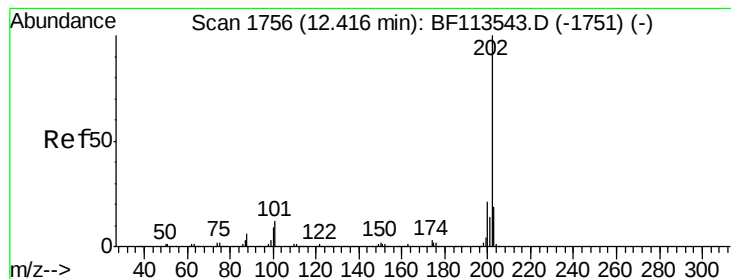


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 120.547 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

Instrument :

BNA_F

ClientSampleId :

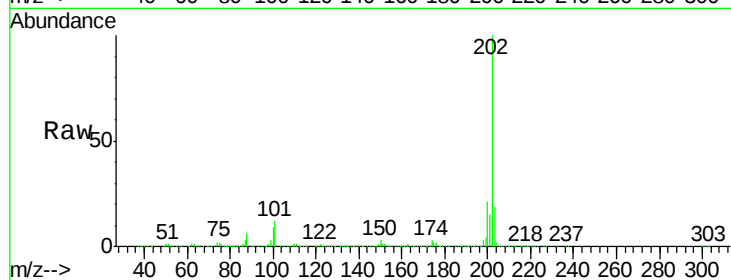
Tot Ion:202 Resp: 2559239

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.4

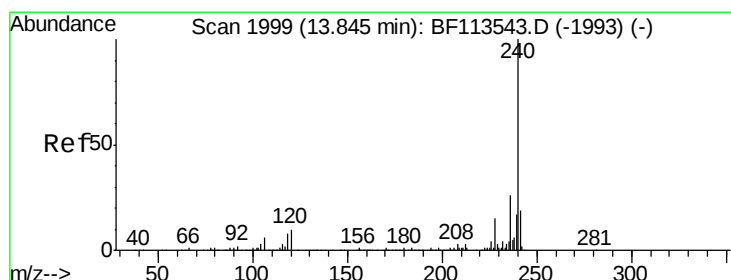
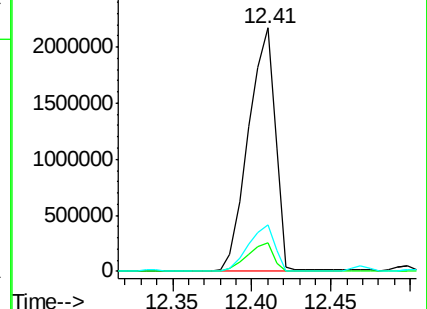
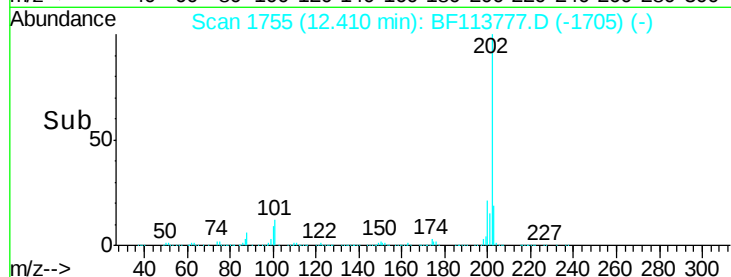
203 19.0 0.0 38.0



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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

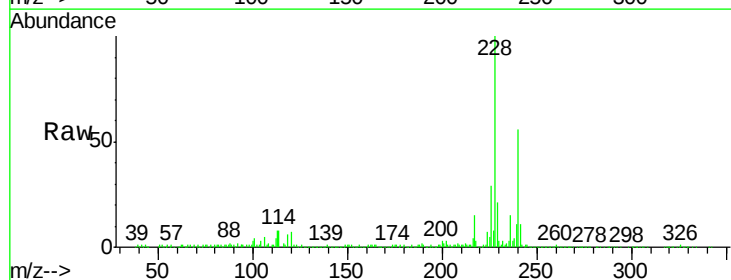
Tgt Ion:240 Resp: 281767

Ion Ratio Lower Upper

240 100

120 11.6 8.8 13.2

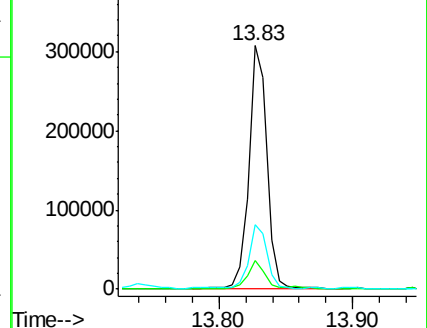
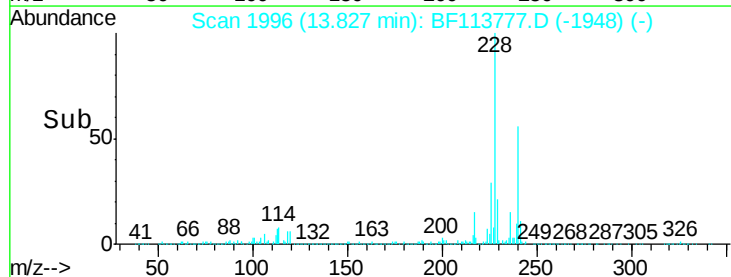
236 26.7 20.9 31.3

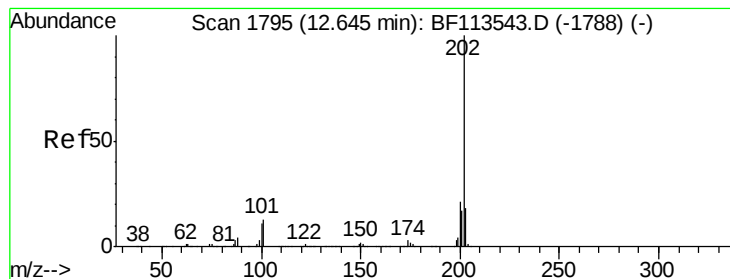


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 102.566 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

Instrument :

BNA_F

ClientSampleId :

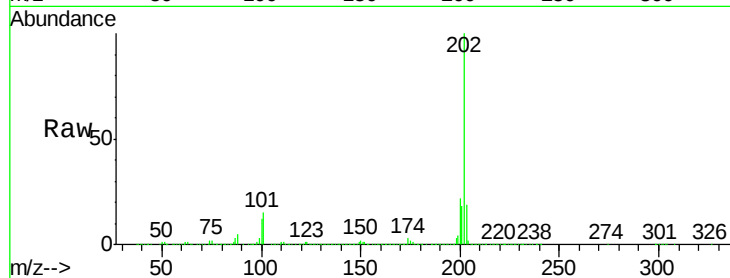
Tot Ion:202 Resp: 2198943

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.8	25.2
203	18.8	14.4	21.6

202 100

200 21.9 16.8 25.2

203 18.8 14.4 21.6

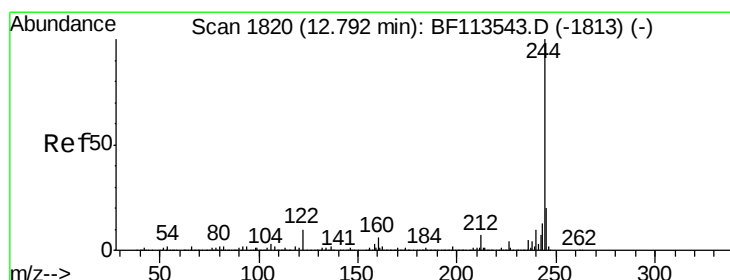
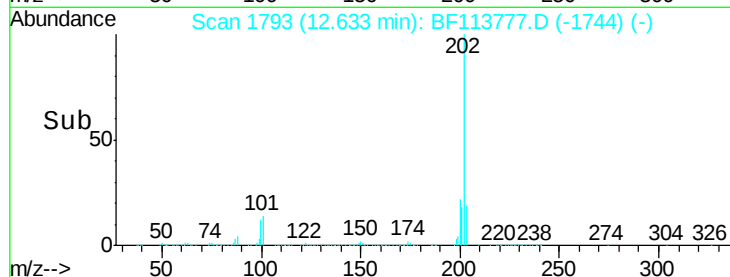
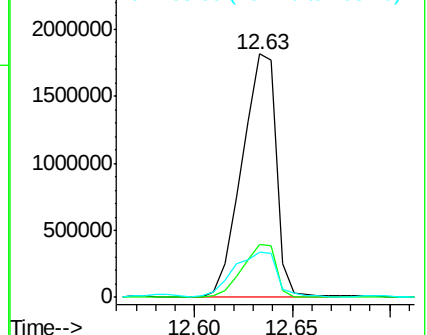


Abundance

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: 67.414 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113777.D

Acq: 15 Apr 2019 22:00

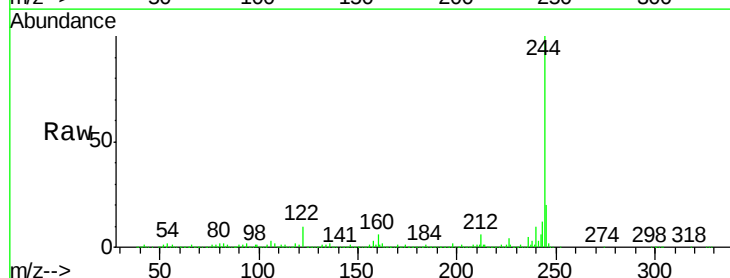
Tgt Ion:244 Resp: 932947

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	10.1	8.6	13.0

244 100

212 6.4 5.5 8.3

122 10.1 8.6 13.0

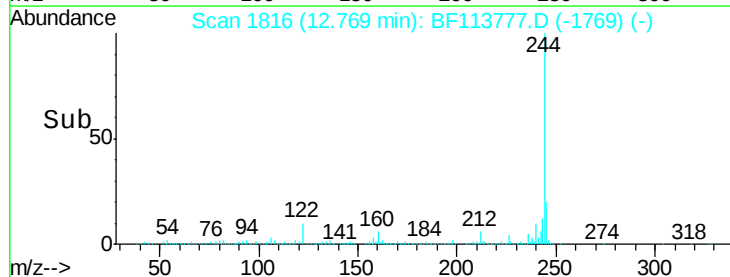
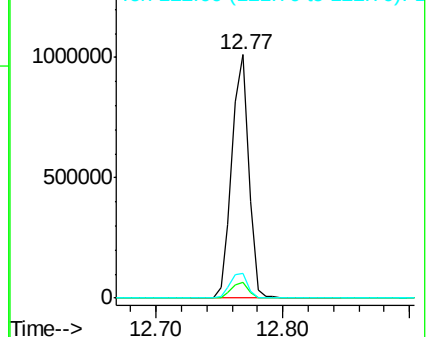


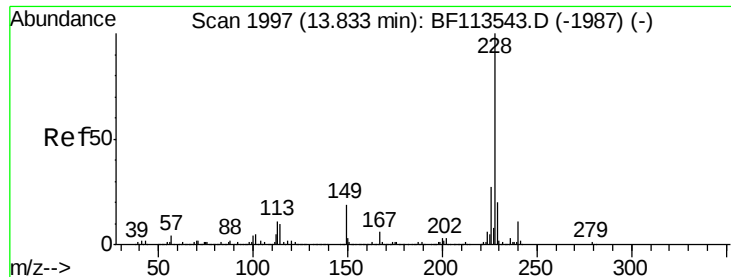
Abundance

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

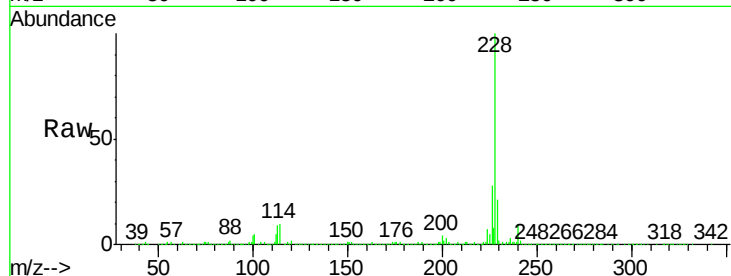




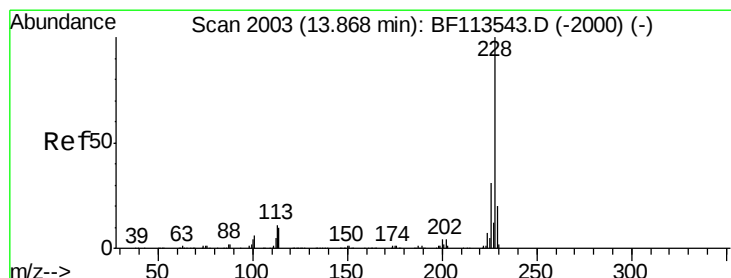
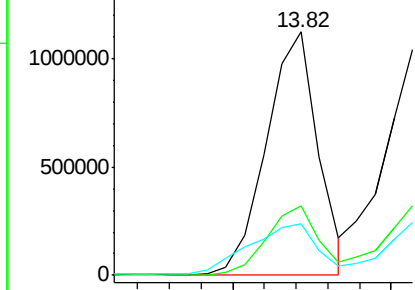
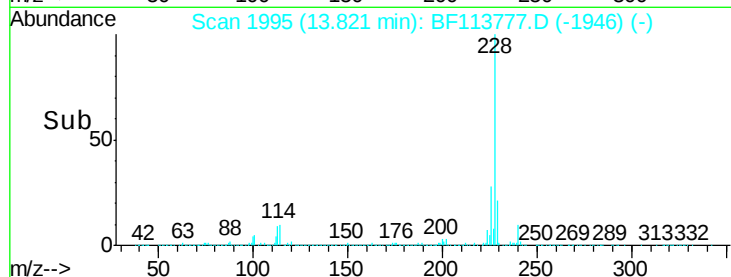
#81
Benzo(a)anthracene
Concen: 77.742 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1263604
Ion Ratio Lower Upper
228 100
226 28.3 21.8 32.8
229 20.9 16.2 24.4

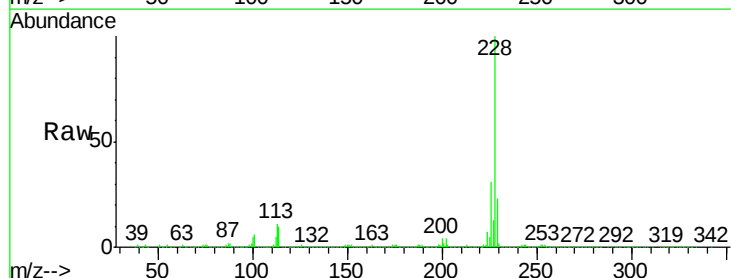


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

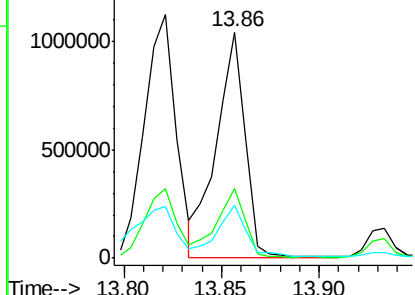
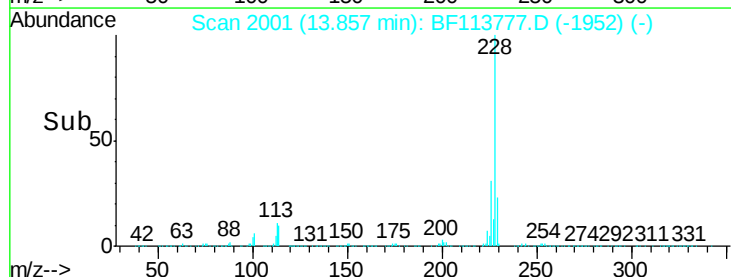


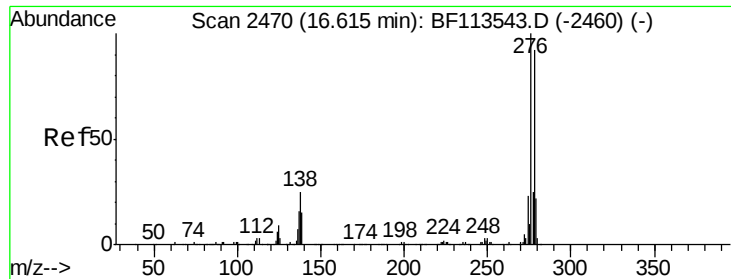
#83
Chrysene
Concen: 64.420 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Tgt Ion:228 Resp: 1061433
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 23.4 16.3 24.5



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

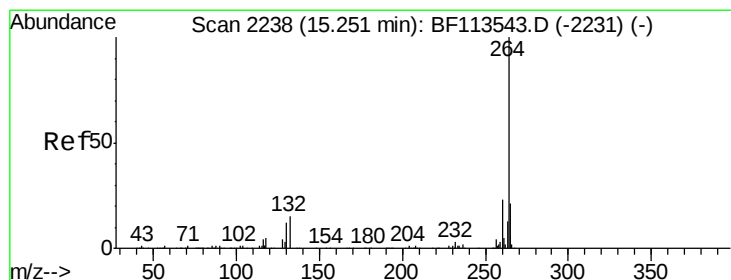
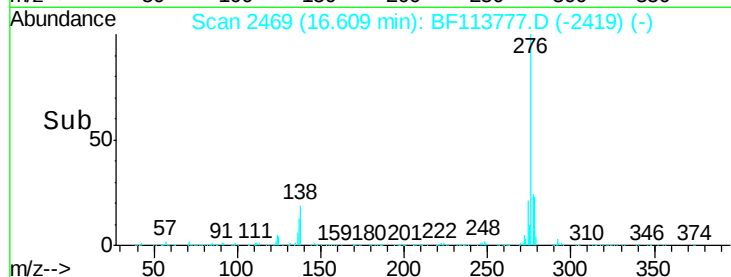
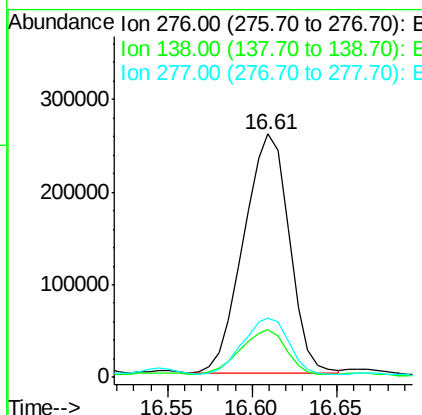
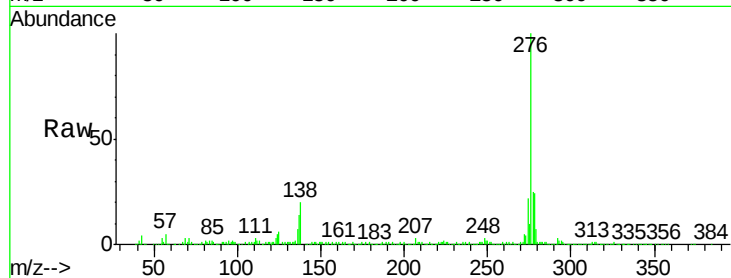




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 32.080 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BF113777.D
 Acq: 15 Apr 2019 22:00

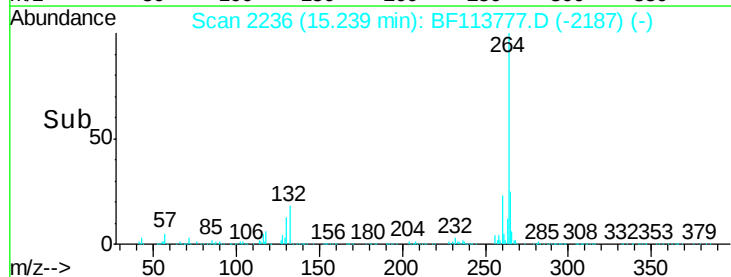
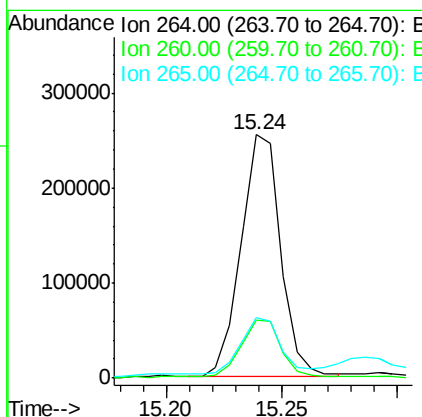
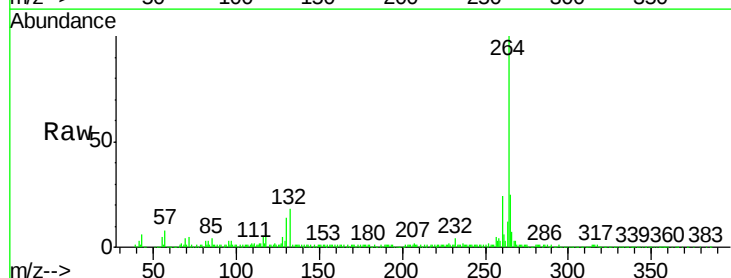
Instrument :
 BNA_F
 ClientSampleId :

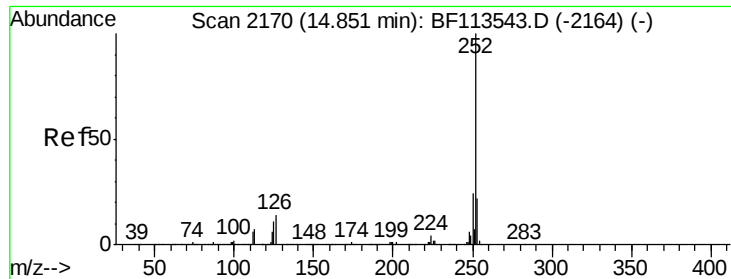
Tot Ion:276 Resp: 488021
 Ion Ratio Lower Upper
 276 100
 138 19.6 18.1 27.1
 277 24.1 20.2 30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113777.D
 Acq: 15 Apr 2019 22:00

Tgt Ion:264 Resp: 306587
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 25.1 17.1 25.7

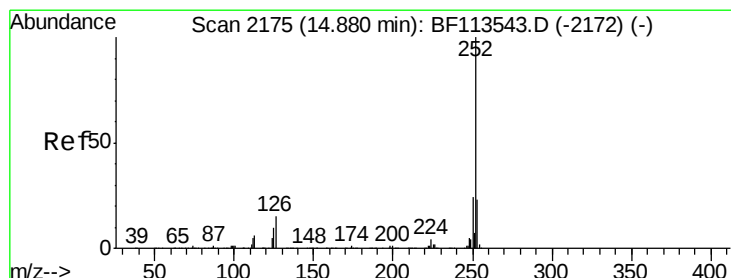
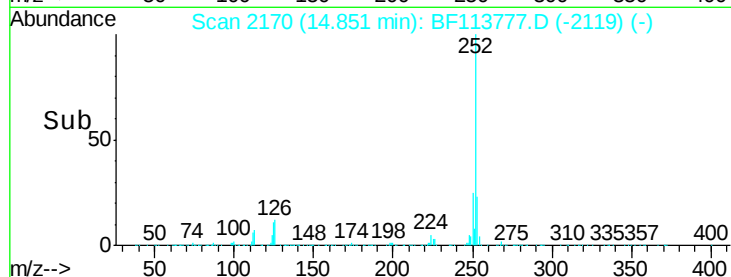
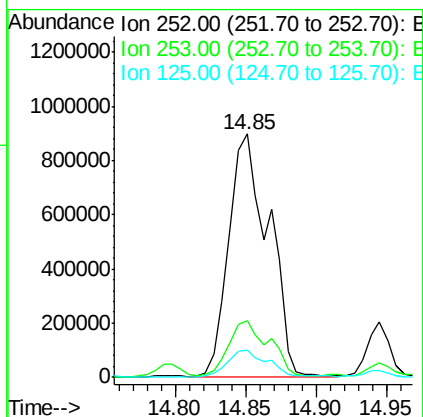
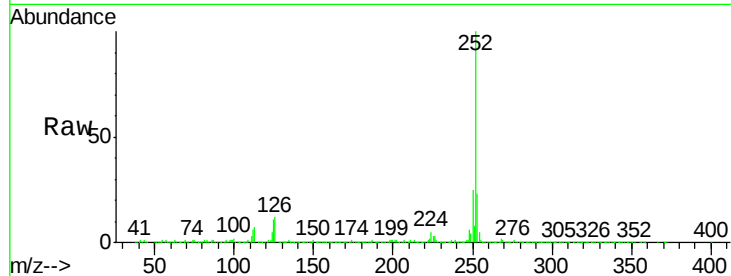




#88
Benzo(b)fluoranthene
Concen: 94.438 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

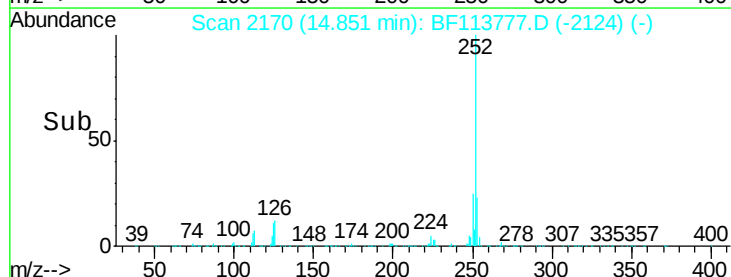
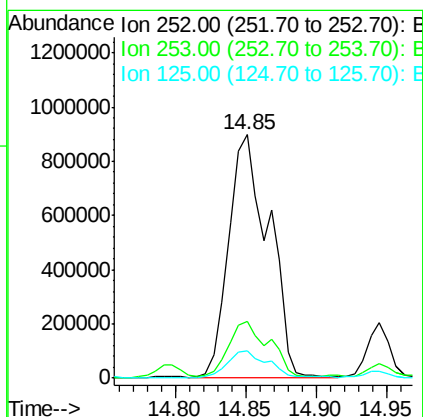
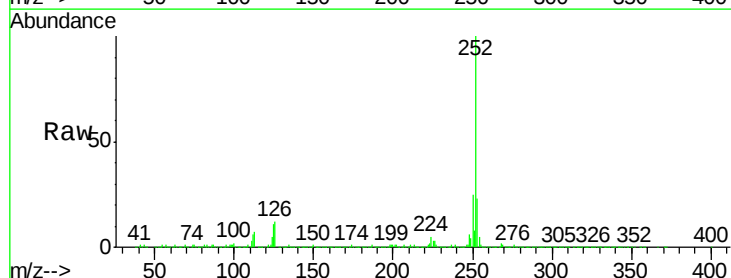
Instrument :
BNA_F
ClientSampleId :

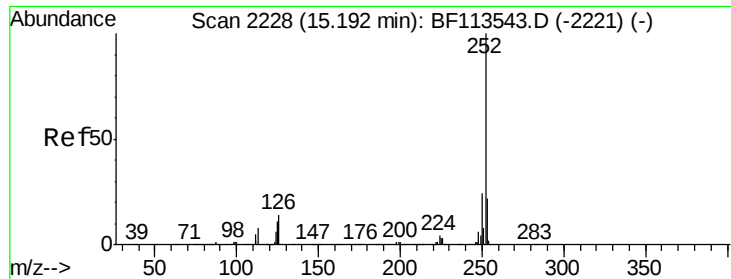
Tot Ion:252 Resp: 1772315
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 11.0 7.6 11.4



#89
Benzo(k)fluoranthene
Concen: 105.226 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Tgt Ion:252 Resp: 1772315
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 11.0 7.3 10.9#

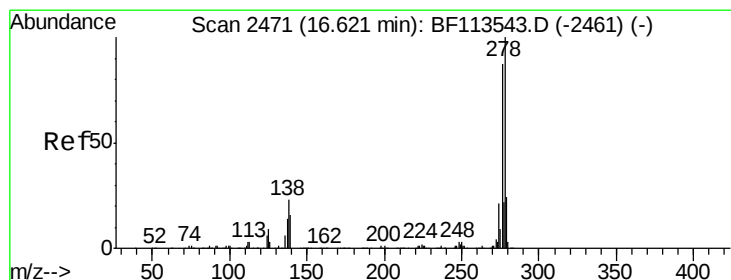
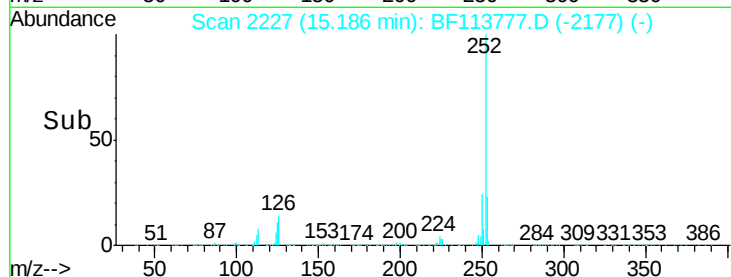
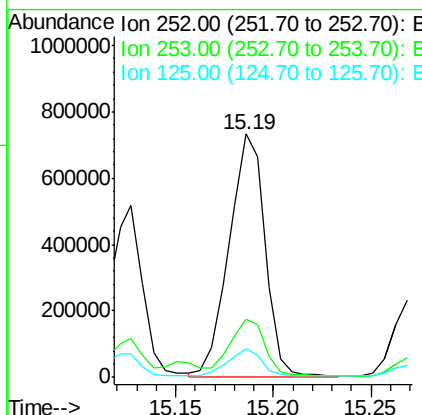
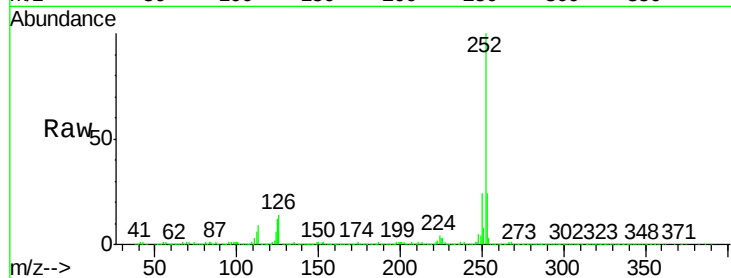




#90
Benzo(a)pyrene
Concen: 55.703 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

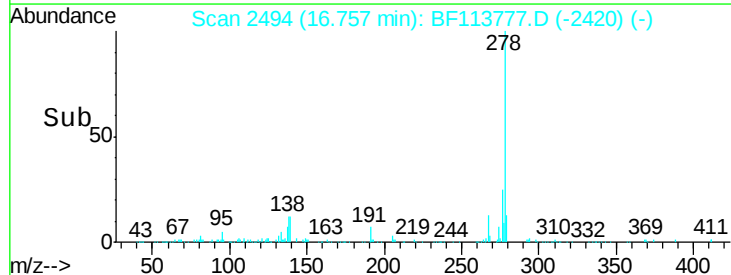
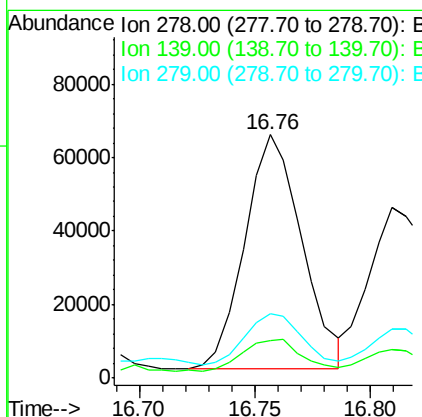
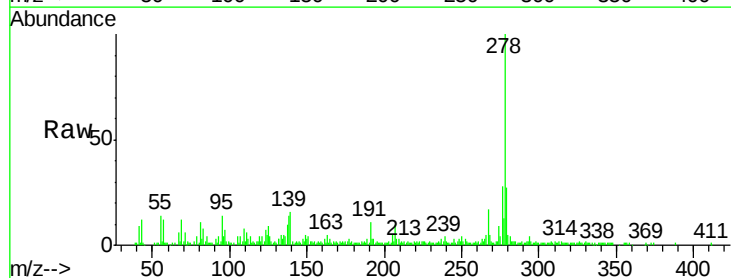
Instrument :
BNA_F
ClientSampled :

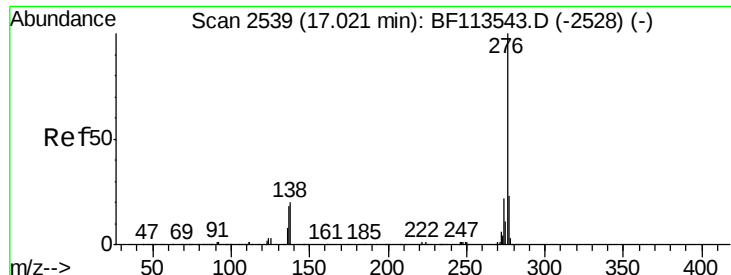
Tot Ion:252 Resp: 928922
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 11.6 8.8 13.2



#91
Dibenzo(a,h)anthracene
Concen: 7.072 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.14 min
Lab File: BF113777.D
Acq: 15 Apr 2019 22:00

Tgt Ion:278 Resp: 110285
Ion Ratio Lower Upper
278 100
139 15.6 12.0 18.0
279 26.6 19.0 28.6





#92
 Benzo(a,h,i)perylene
 Concen: 27.132 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BF113777.D
 Acq: 15 Apr 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	20.7	15.6	23.4

