

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113466.D
 Acq On : 1 Apr 2019 15:04
 Operator : JU/SJ
 Sample : K2056-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 01 18:03:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	164162	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	624380	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	302609	20.00	ng	-0.01
64) Phenanthrene-d10	11.22	188	564436	20.00	ng	0.00
76) Chrysene-d12	13.85	240	345052	20.00	ng	0.00
87) Perylene-d12	15.26	264	412370	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	910774	90.72	ng	0.00
7) Phenol-d6	6.36	99	1191034	93.78	ng	0.00
23) Nitrobenzene-d5	7.27	82	717403	68.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.53	330	323005	86.41	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1386436	68.36	ng	0.00
79) Terphenyl-d14	12.80	244	1303607	83.27	ng	0.00

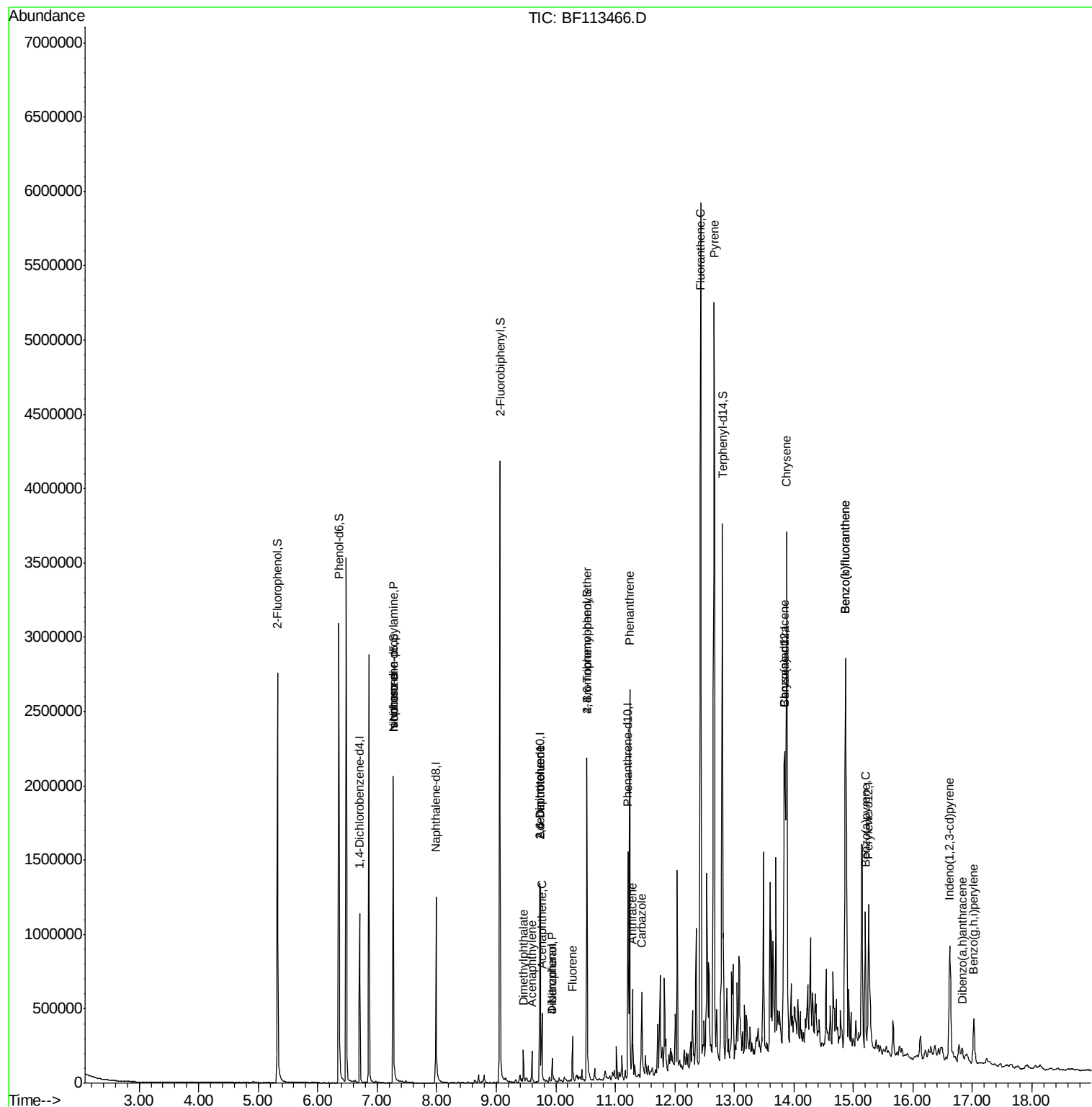
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.27	70	91225	11.435	ng	# 76
25) Isophorone	7.27	82	710605	34.857	ng	# 65
49) Acenaphthylene	9.60	152	93692	2.978	ng	98
50) Dimethylphthalate	9.46	163	94646	4.220	ng	100
51) 2,6-Dinitrotoluene	9.73	165	39583	7.824	ng	# 31
52) Acenaphthene	9.77	154	100375	5.665	ng	99
55) Dibenzofuran	9.94	168	69147	2.596	ng	98
56) 4-Nitrophenol	9.94	139	23482	5.773	ng	# 15
57) 2,4-Dinitrotoluene	9.73	165	39583	6.152	ng	# 19
58) Fluorene	10.28	166	88737	4.288	ng	96
67) 4-Bromophenyl-phenylether	10.52	248	18500	3.007	ng	# 1
71) Phenanthrene	11.24	178	948122	33.825	ng	99
72) Anthracene	11.29	178	233646	8.206	ng	99
73) Carbazole	11.45	167	229275	8.439	ng	99
75) Fluoranthene	12.44	202	3271563	103.245	ng	97
78) Pyrene	12.66	202	2758986	115.386	ng	98
81) Benzo(a)anthracene	13.84	228	751809	38.064	ng	96
83) Chrysene	13.88	228	1561774	77.848	ng	97
86) Indeno(1,2,3-cd)pyrene	16.62	276	313429	18.204	ng	96
88) Benzo(b)fluoranthene	14.86	252	2019132	78.822	ng	98
89) Benzo(k)fluoranthene	14.86	252	2019132	89.756	ng	# 97
90) Benzo(a)pyrene	15.20	252	405383	17.851	ng	96
91) Dibenzo(a,h)anthracene	16.83	278	63934	3.256	ng	96
92) Benzo(g,h,i)perylene	17.02	276	251693	12.712	ng	100

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

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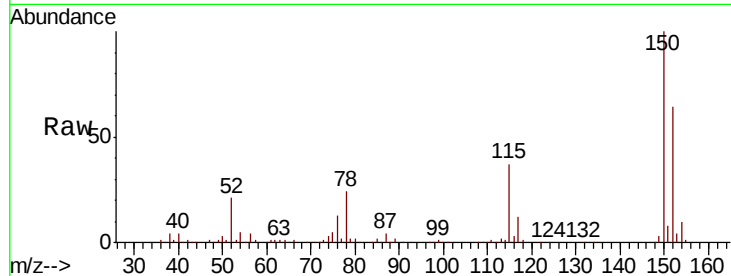


#1

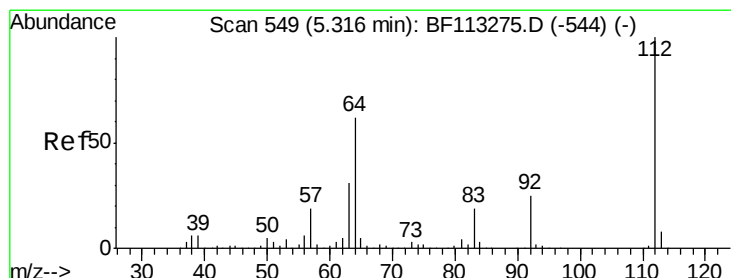
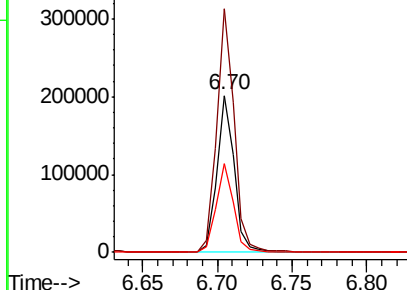
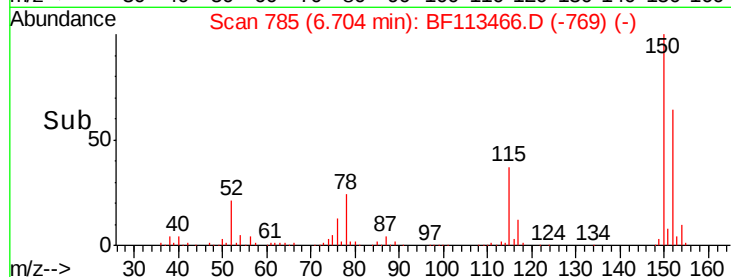
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164162
Ion Ratio Lower Upper
152 100
150 155.3 123.6 185.4
115 56.8 45.8 68.6



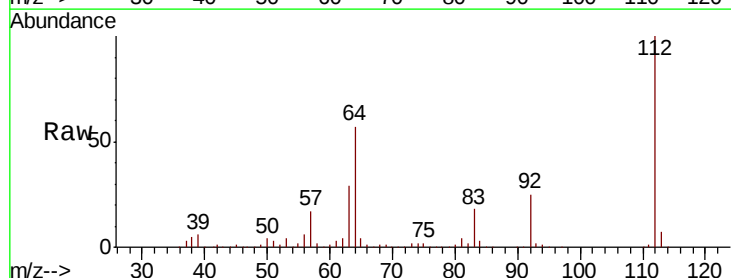
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



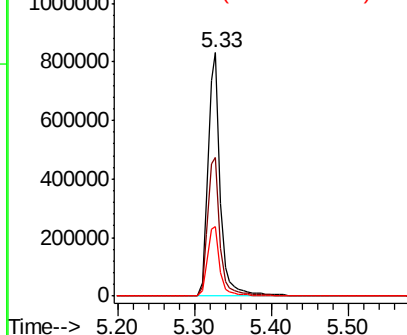
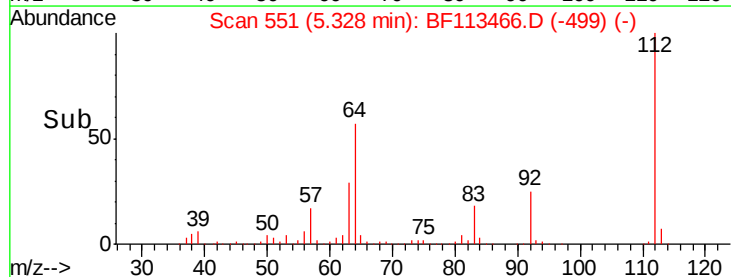
#5

2-Fluorophenol
Concen: 90.717 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Tgt Ion:112 Resp: 910774
Ion Ratio Lower Upper
112 100
64 57.1 47.7 71.5
63 28.6 23.8 35.6



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: 93.776 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

Instrument :

BNA_F

ClientSampleId :

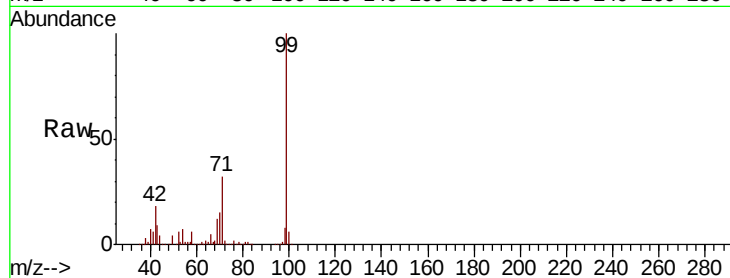
Tot Ion: 99 Resp: 1191034

Ion Ratio Lower Upper

99 100

42 18.1 14.4 21.6

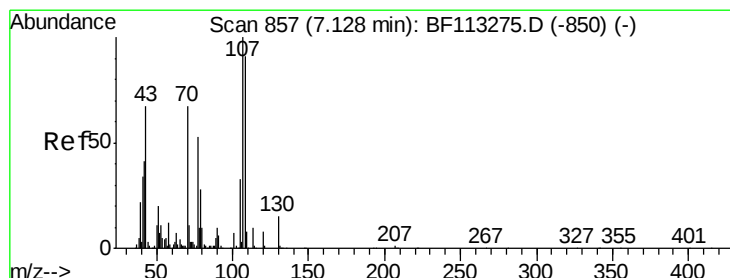
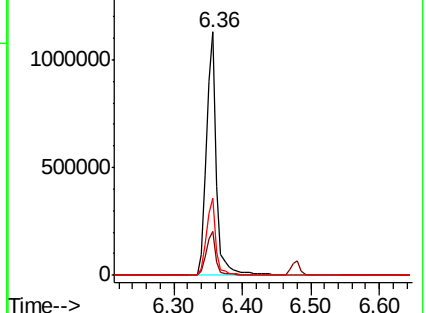
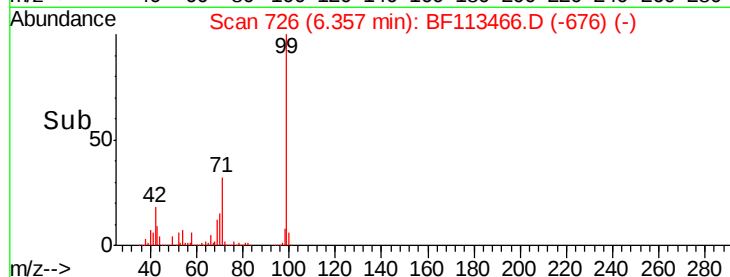
71 31.7 25.0 37.6



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: 11.435 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

Tgt Ion: 70 Resp: 91225

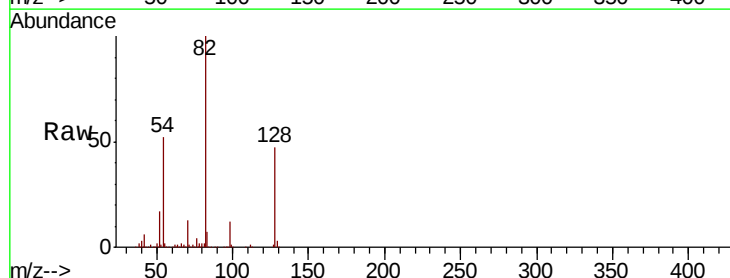
Ion Ratio Lower Upper

70 100

42 48.4 49.4 74.0#

101 0.0 7.6 11.4#

130 2.4 17.7 26.5#

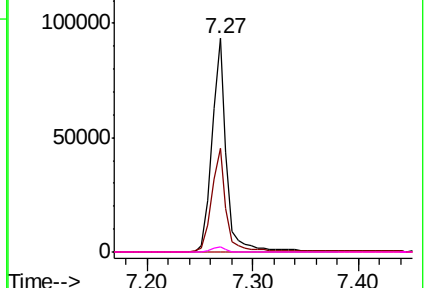
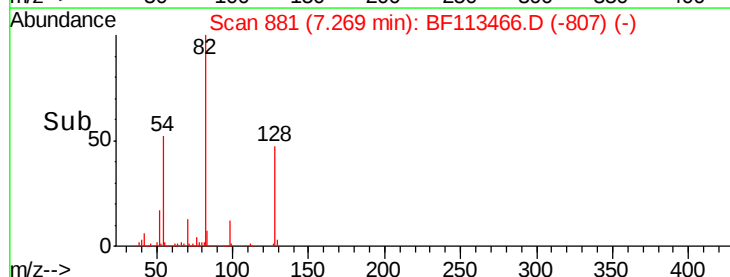


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

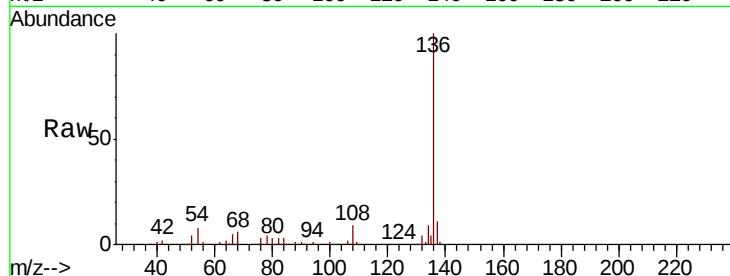




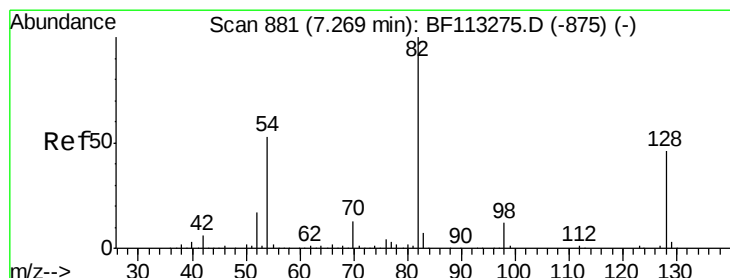
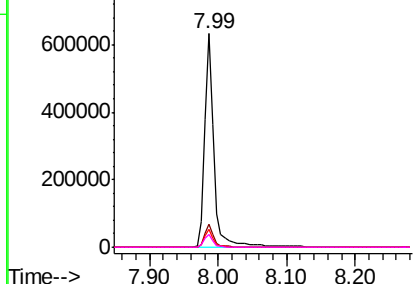
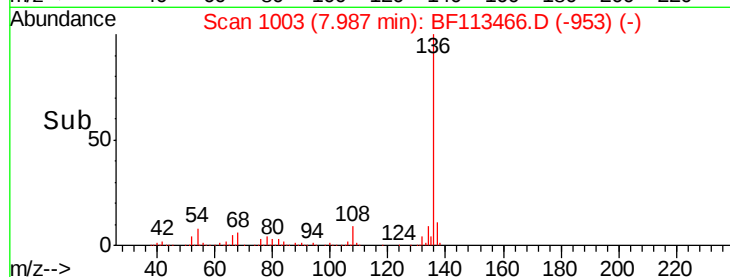
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	624380
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	8.2	6.9 10.3
68	6.1	5.1 7.7

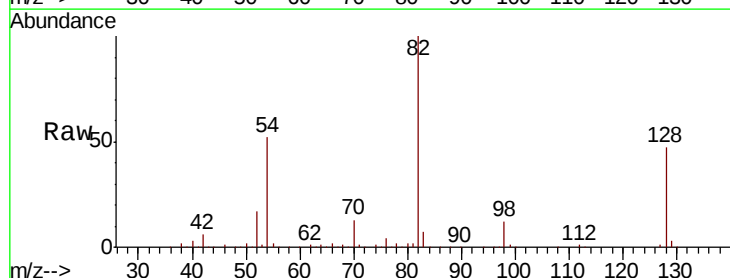


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

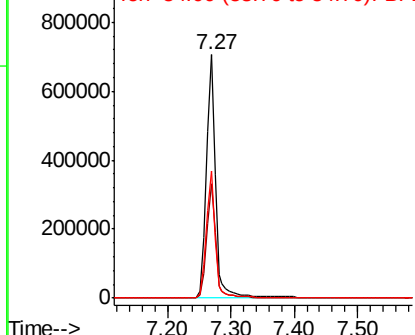
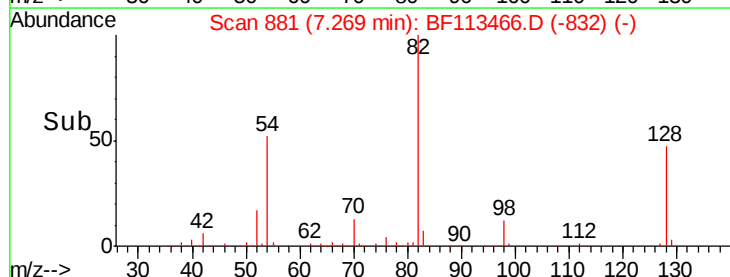


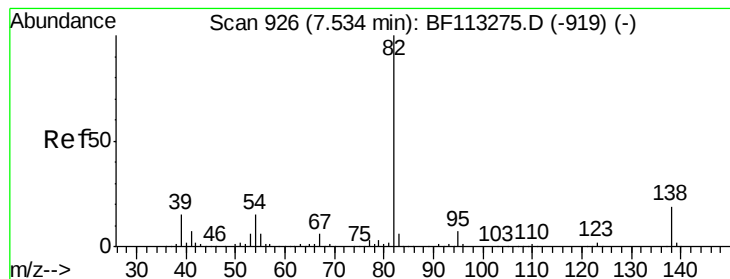
#23
Nitrobenzene-d5
Concen: 68.197 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Tgt Ion: 82	Resp:	717403
Ion	Ratio	Lower Upper
82	100	
128	46.8	37.9 56.9
54	52.0	41.9 62.9



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: 34.857 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

Instrument :

BNA_F

ClientSampled :

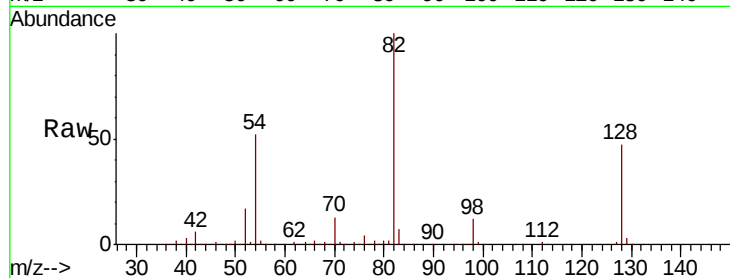
Tot Ion: 82 Resp: 710605

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

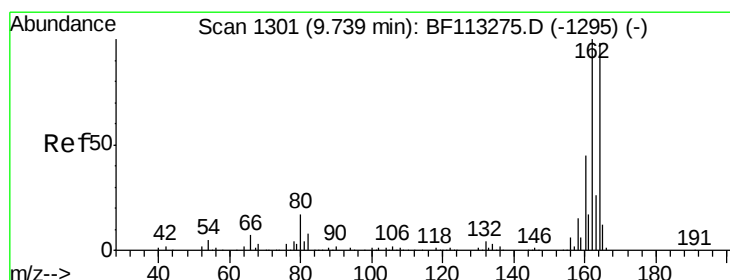
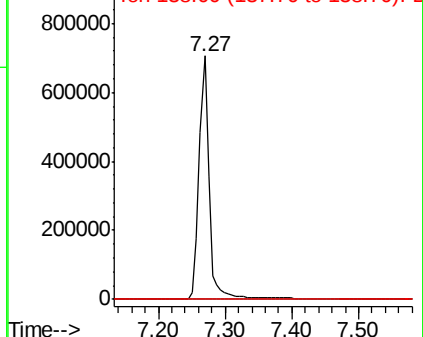
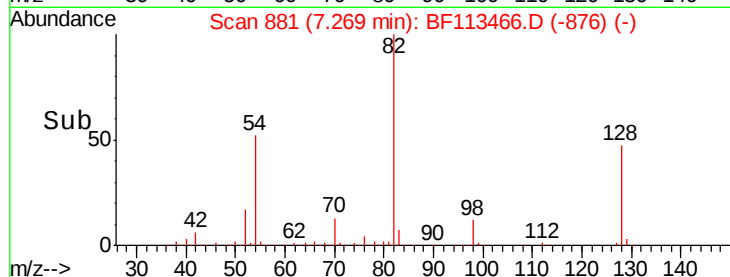
138 0.0 14.7 22.1#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

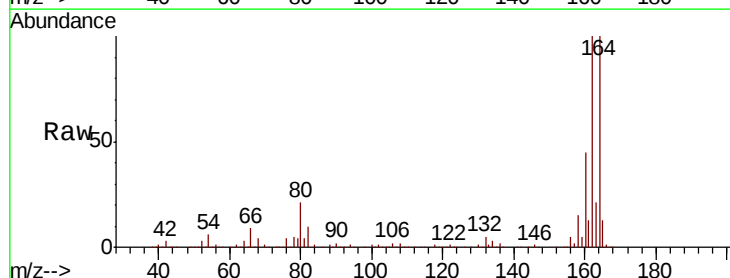
Tgt Ion:164 Resp: 302609

Ion Ratio Lower Upper

164 100

162 99.9 79.7 119.5

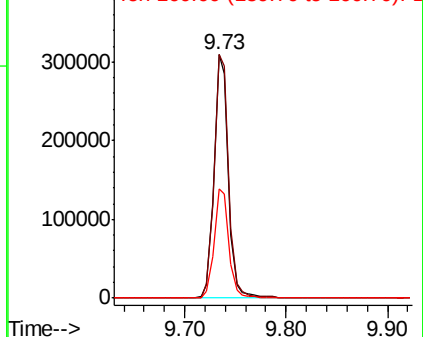
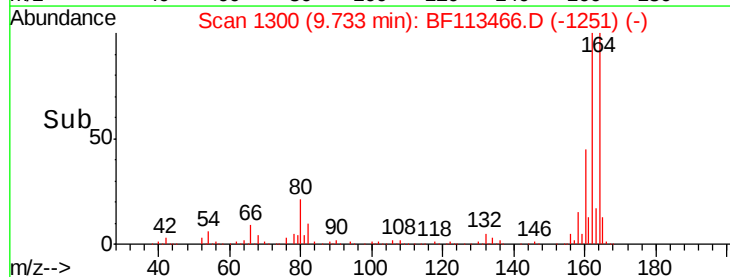
160 44.7 35.9 53.9

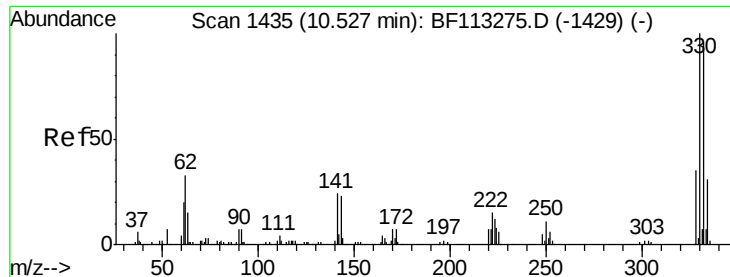


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

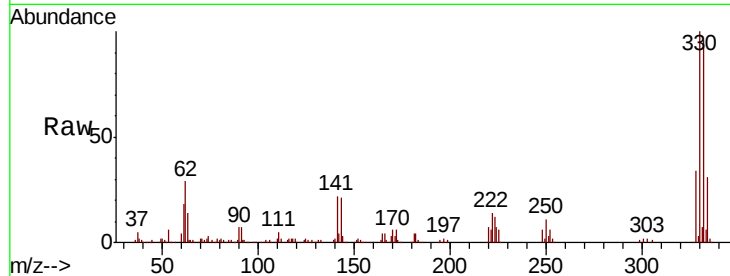




#42
 2,4,6-Tribromophenol
 Concen: 86.413 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF113466.D
 Acq: 1 Apr 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.7	116.5
141	28.2	21.4	32.2

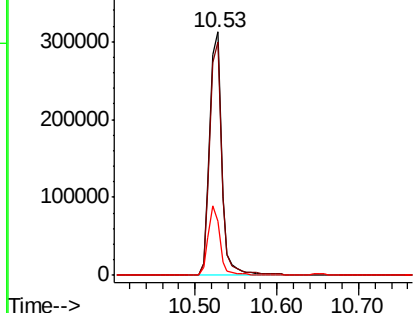
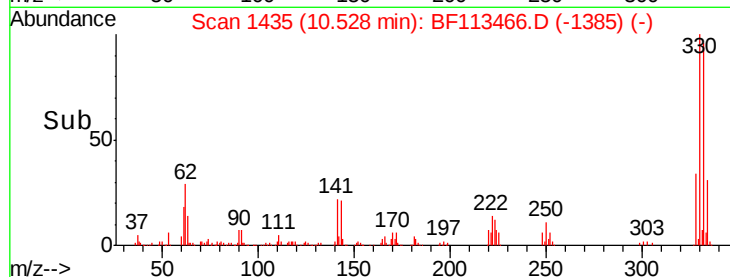


Abundance

Ion 329.80 (329.50 to 330.50): E

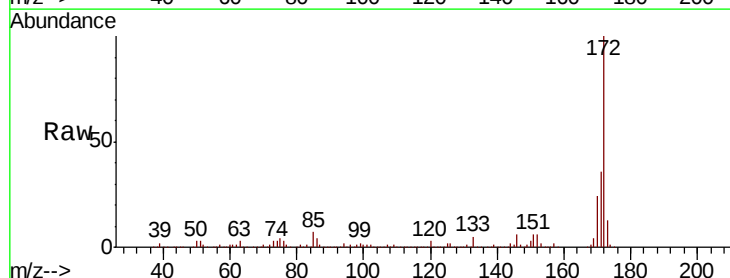
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.357 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF113466.D
 Acq: 1 Apr 2019 15:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.2	19.8	29.6

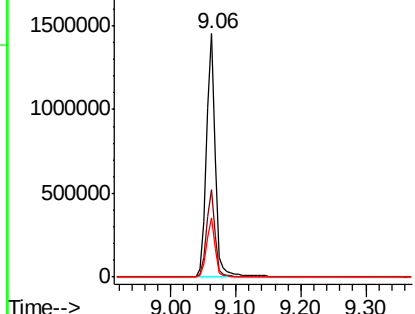
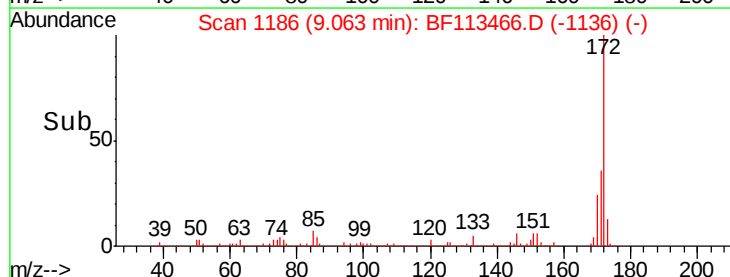


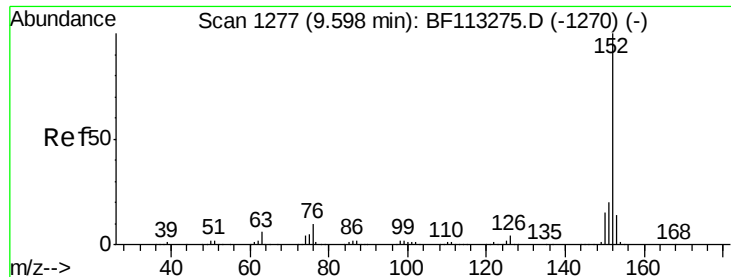
Abundance

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: 2.978 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

Instrument :

BNA_F

ClientSampleId :

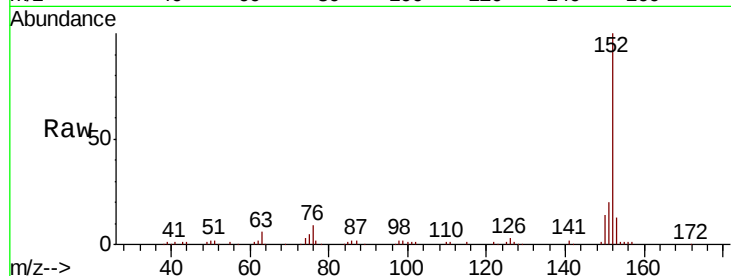
Tot Ion:152 Resp: 93692

Ion Ratio Lower Upper

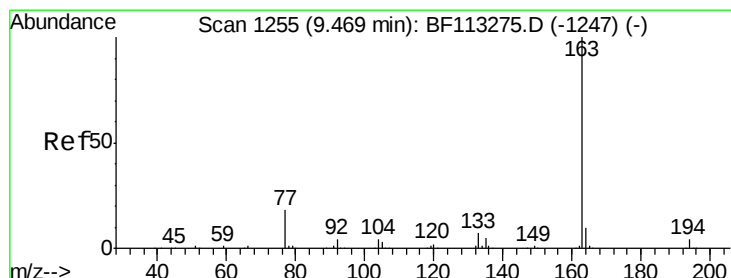
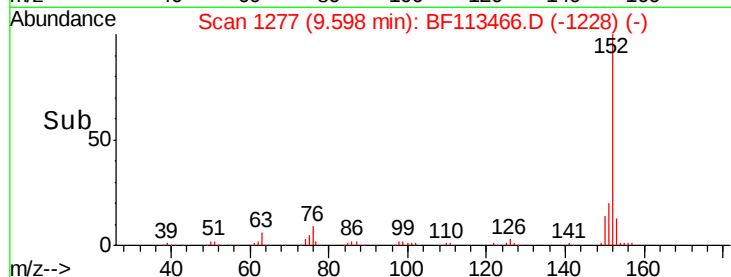
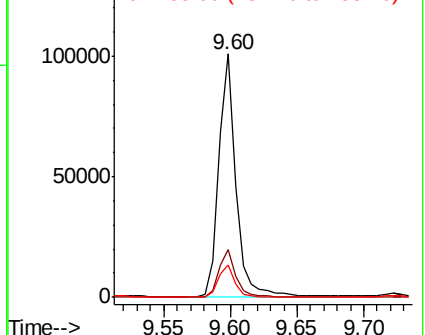
152 100

151 19.6 16.5 24.7

153 13.1 10.8 16.2



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: 4.220 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

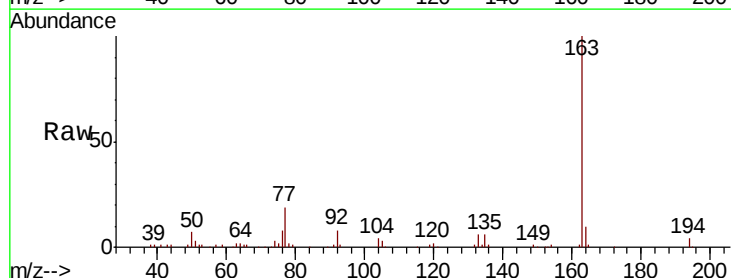
Tgt Ion:163 Resp: 94646

Ion Ratio Lower Upper

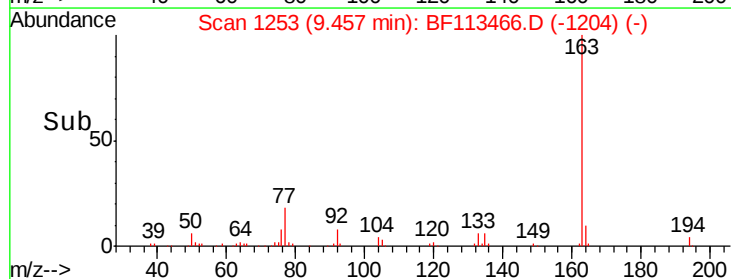
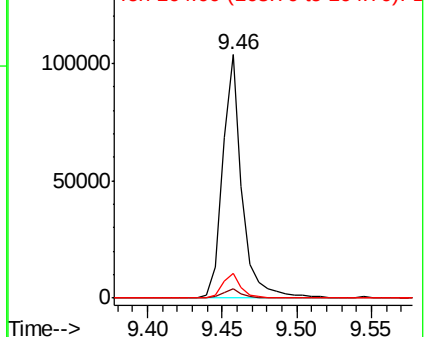
163 100

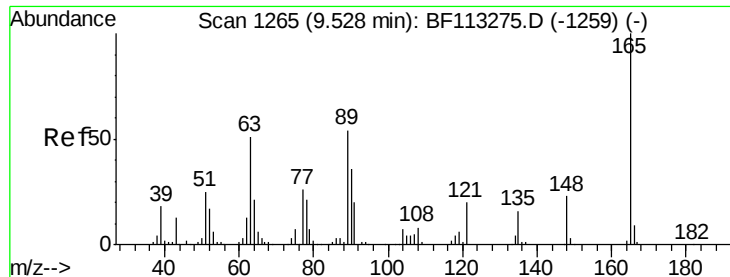
194 3.6 3.1 4.7

164 10.3 8.3 12.5



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

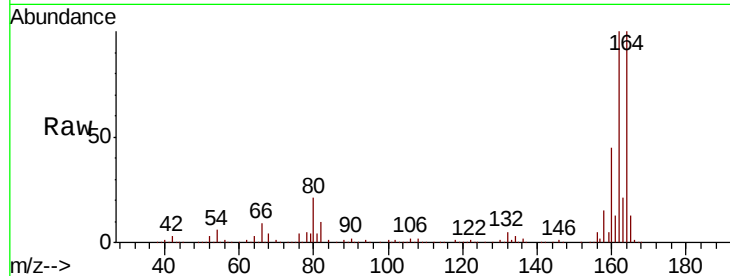




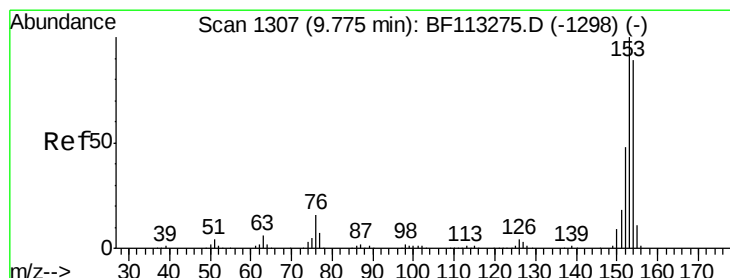
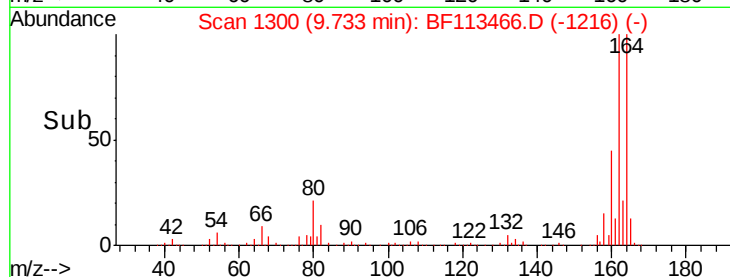
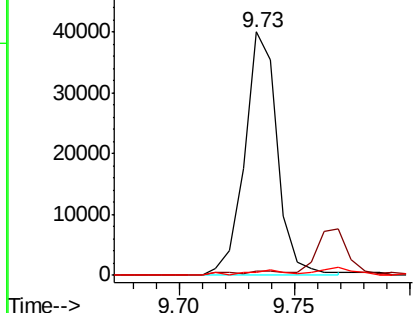
#51
 2,6-Dinitrotoluene
 Concen: 7.824 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.19 min
 Lab File: BF113466.D
 Acq: 1 Apr 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 39583
 Ion Ratio Lower Upper
 165 100
 63 1.6 38.3 57.5#
 89 1.5 38.6 58.0#

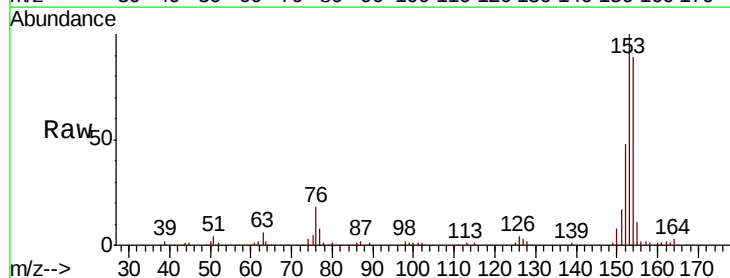


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

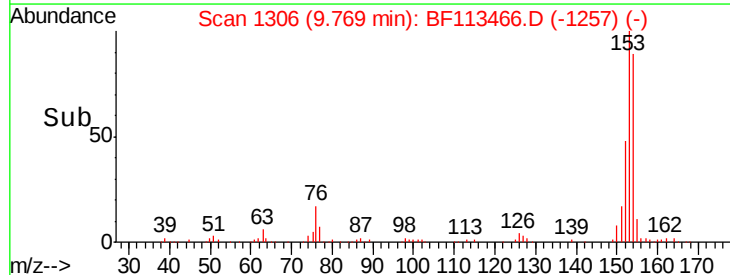
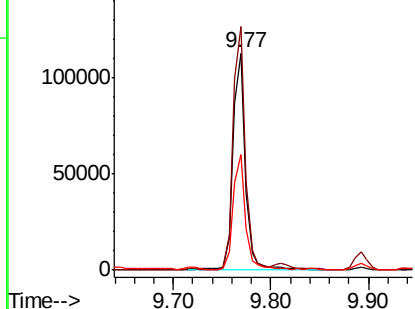


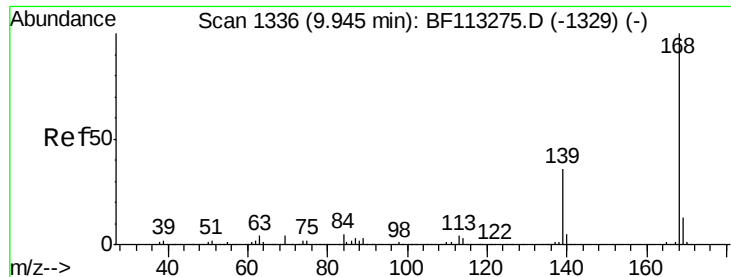
#52
 Acenaphthene
 Concen: 5.665 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF113466.D
 Acq: 1 Apr 2019 15:04

Tgt Ion:154 Resp: 100375
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.1 133.7
 152 53.5 43.0 64.4



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

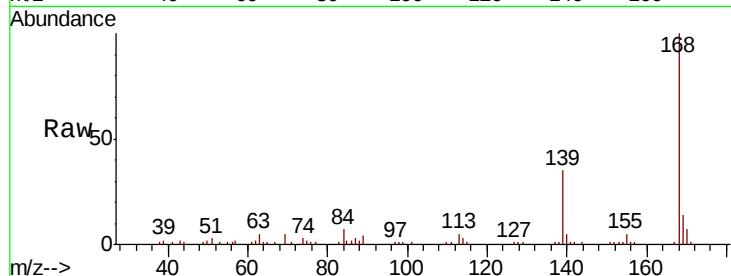




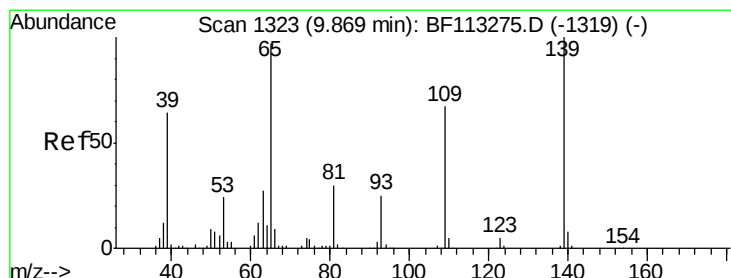
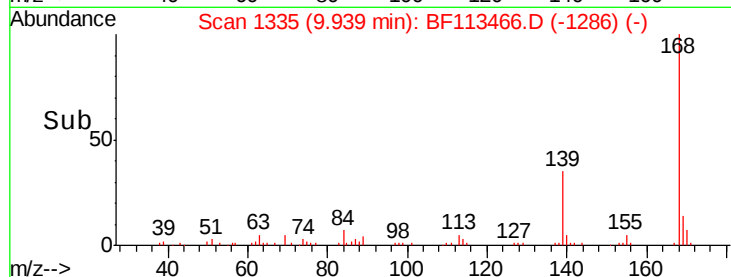
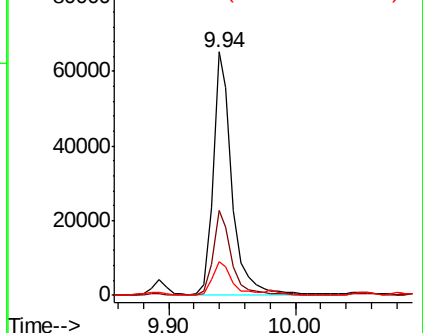
#55
Dibenzofuran
Concen: 2.596 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 69147
Ion Ratio Lower Upper
168 100
139 35.1 29.1 43.7
169 13.7 10.8 16.2

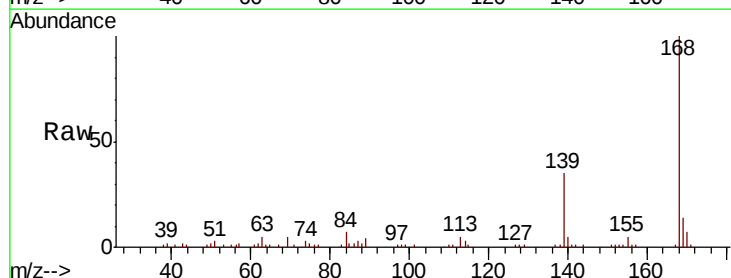


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

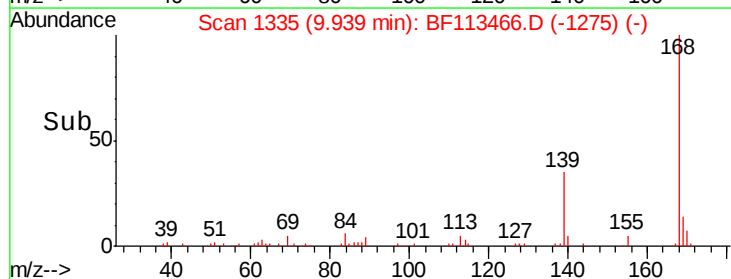
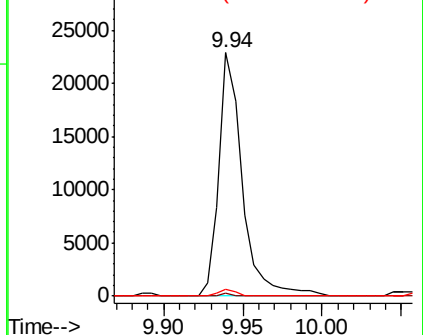


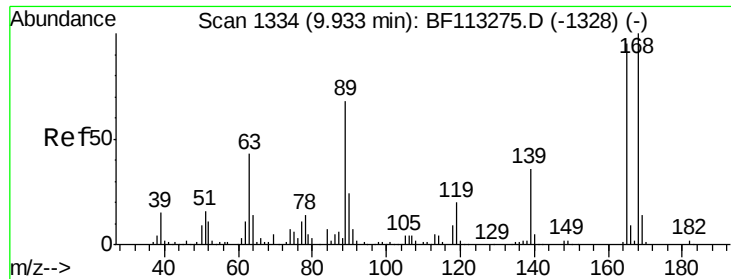
#56
4-Nitrophenol
Concen: 5.773 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Tgt Ion:139 Resp: 23482
Ion Ratio Lower Upper
139 100
109 1.4 39.0 79.0#
65 2.9 65.7 105.7#



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

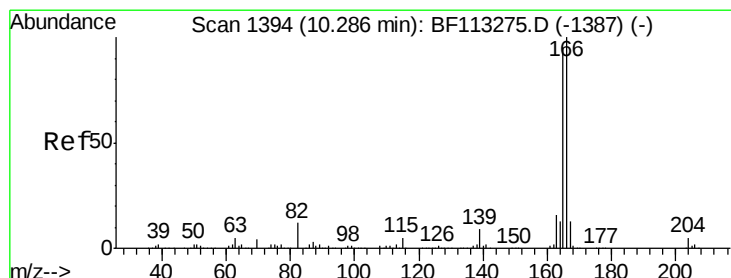
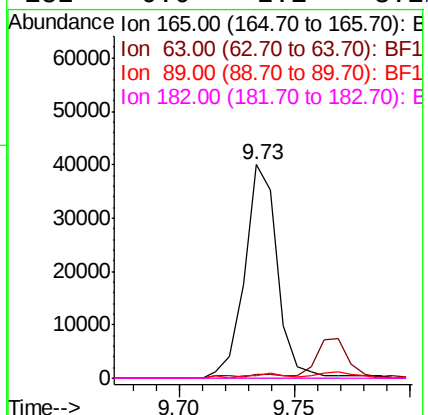
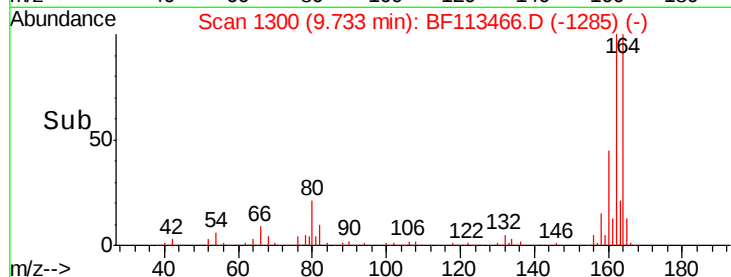
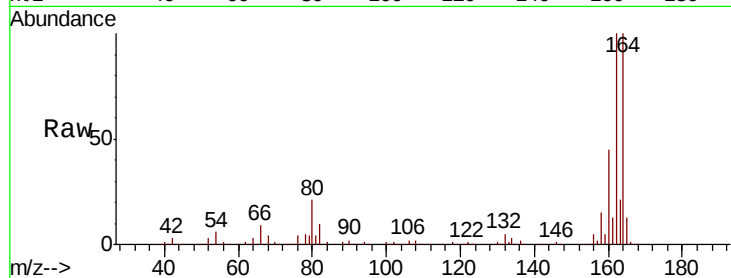




#57
 2,4-Dinitrotoluene
 Concen: 6.152 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF113466.D
 Acq: 1 Apr 2019 15:04

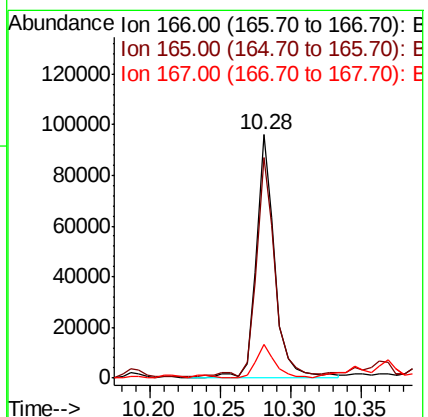
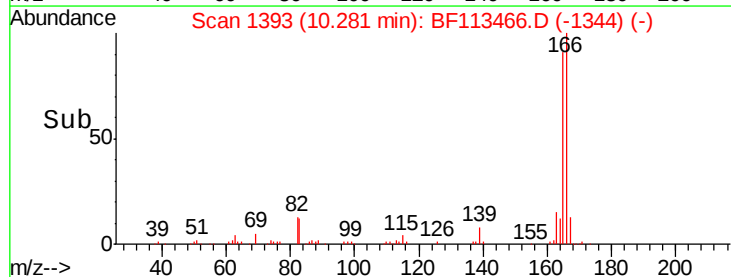
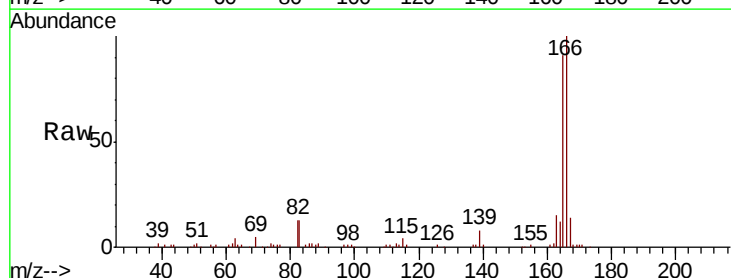
Instrument :
 BNA_F
 ClientSampleId :

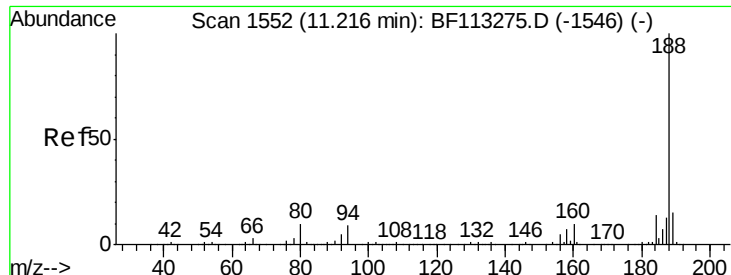
Tot Ion:	165	Resp:	39583
Ion	Ratio	Lower	Upper
165	100		
63	1.6	45.6	68.4#
89	1.5	61.8	92.8#
182	0.0	2.1	3.1#



#58
 Fluorene
 Concen: 4.288 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113466.D
 Acq: 1 Apr 2019 15:04

Tgt Ion:	166	Resp:	88737
Ion	Ratio	Lower	Upper
166	100		
165	90.6	75.8	113.6
167	13.9	11.2	16.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

Instrument :

BNA_F

ClientSampleId :

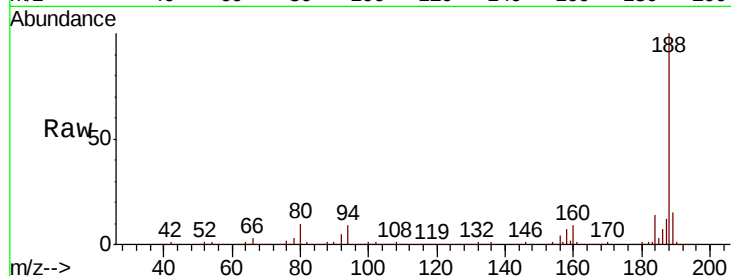
Tot Ion:188 Resp: 564436

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

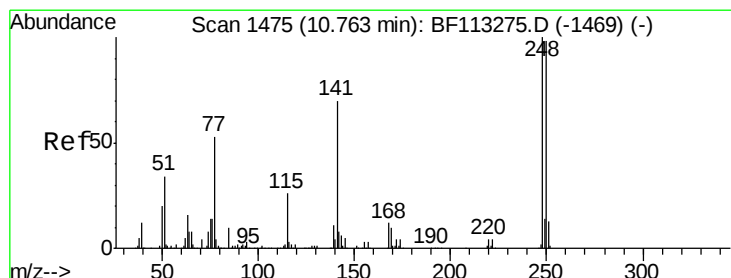
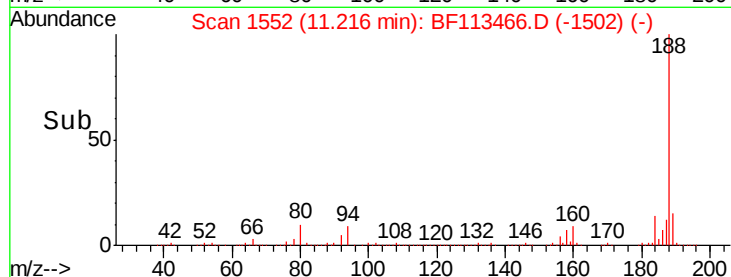
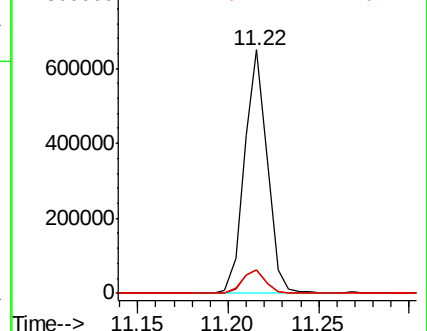
80 9.6 8.2 12.2



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: 3.007 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

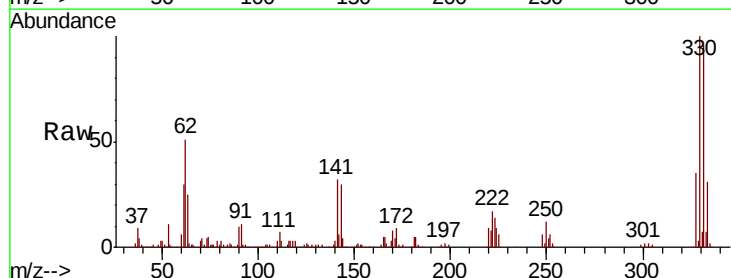
Tgt Ion:248 Resp: 18500

Ion Ratio Lower Upper

248 100

250 196.4 77.5 116.3#

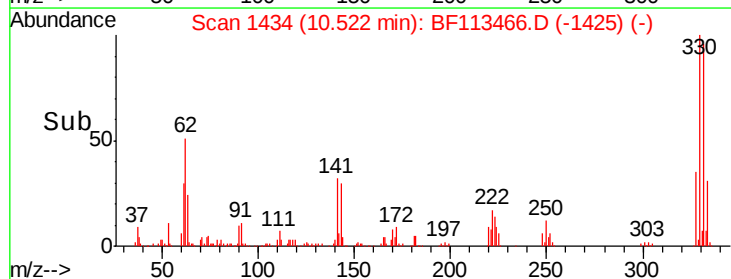
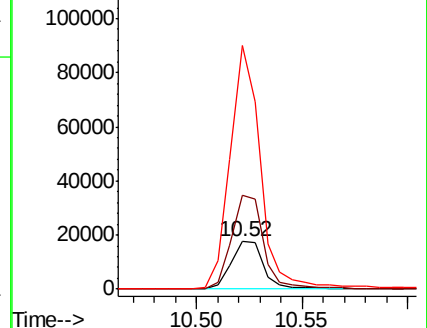
141 512.7 54.0 81.0#

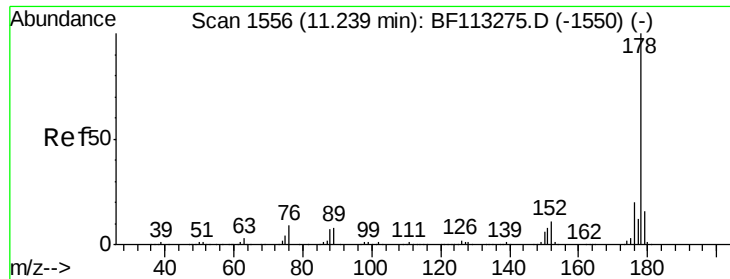


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

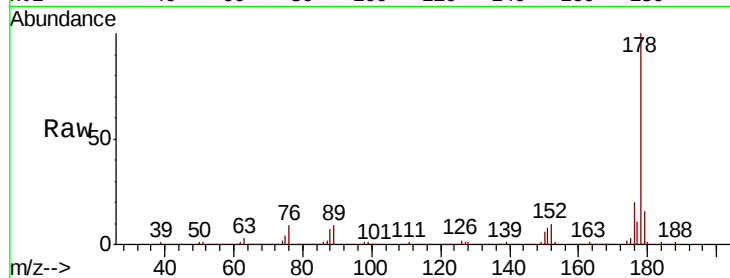




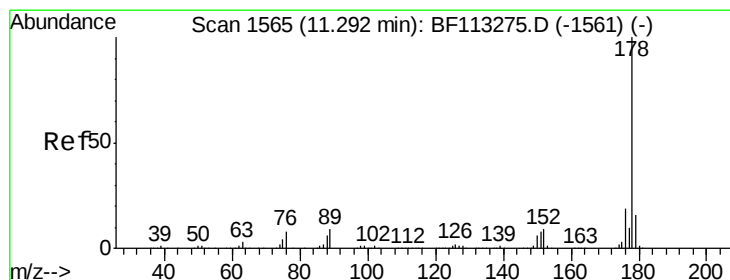
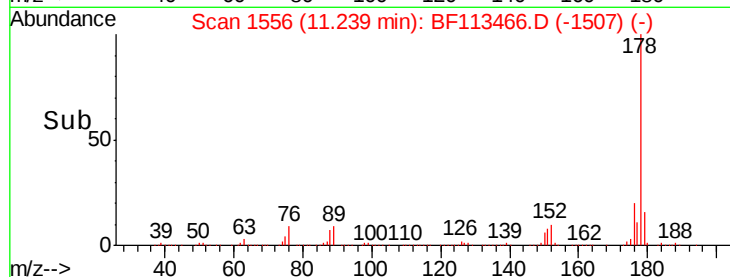
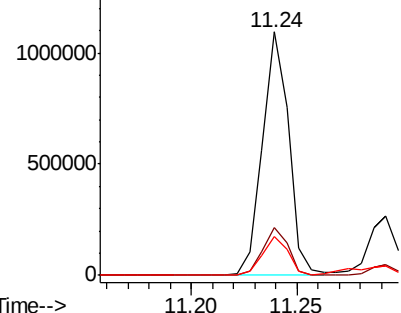
#71
Phenanthrene
Concen: 33.825 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 948122
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 15.7 12.6 19.0

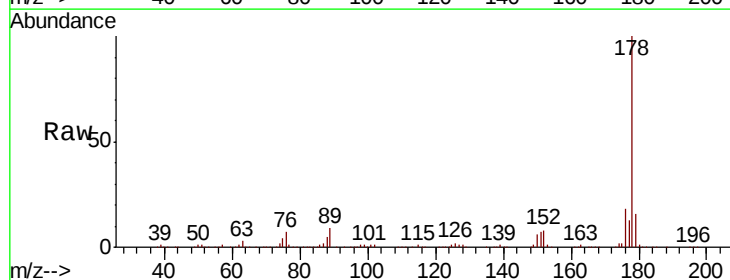


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

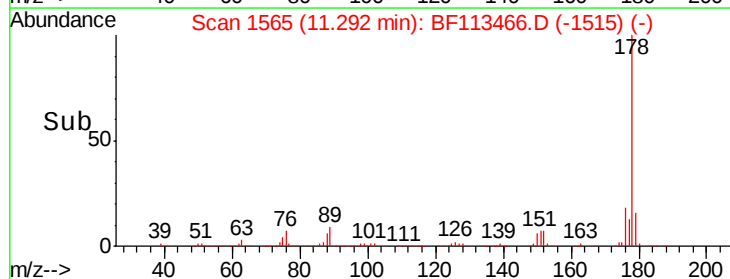
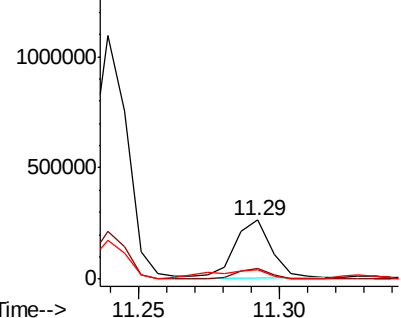


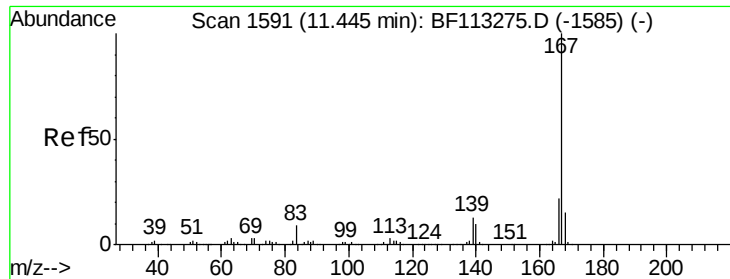
#72
Anthracene
Concen: 8.206 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Tgt Ion:178 Resp: 233646
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.9 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 8.439 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

Instrument :

BNA_F

ClientSampleId :

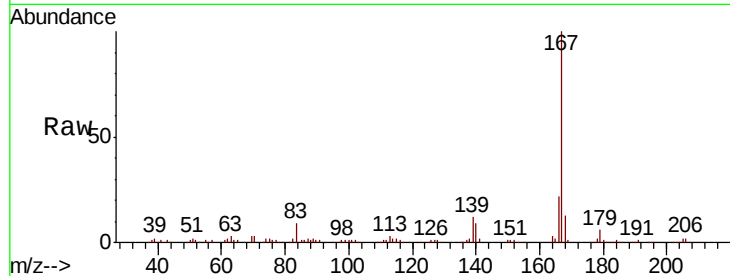
Tot Ion:167 Resp: 229275

Ion Ratio Lower Upper

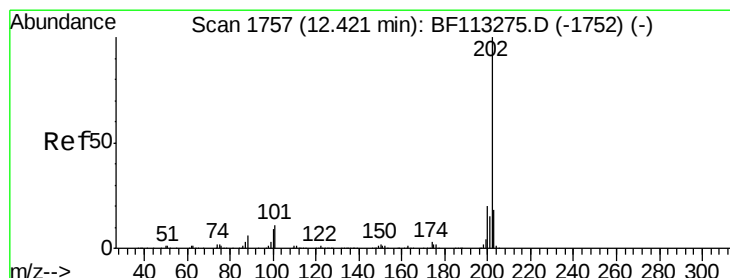
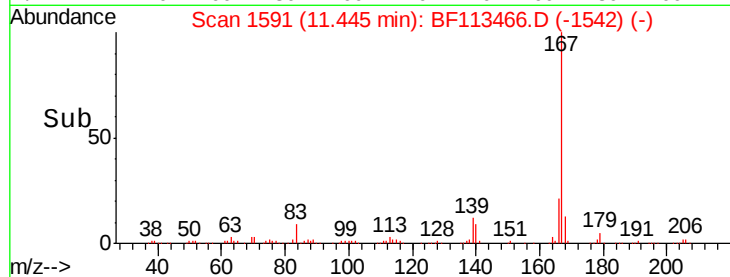
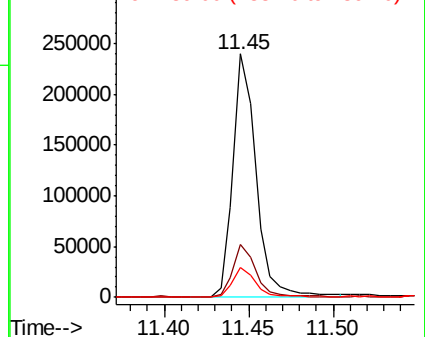
167 100

166 21.6 17.8 26.8

139 12.1 10.2 15.2



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: 103.245 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.01 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

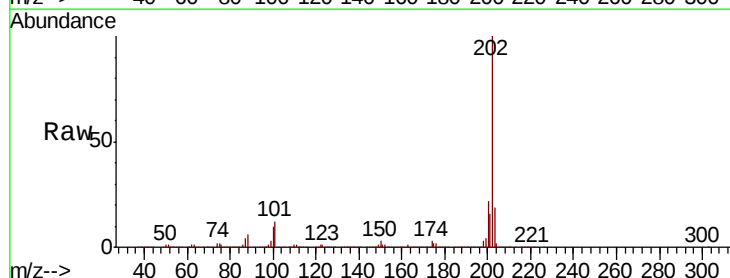
Tgt Ion:202 Resp: 3271563

Ion Ratio Lower Upper

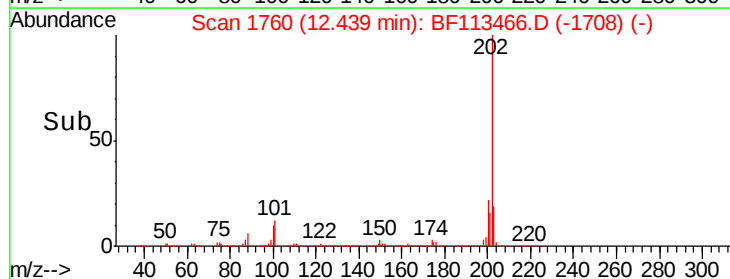
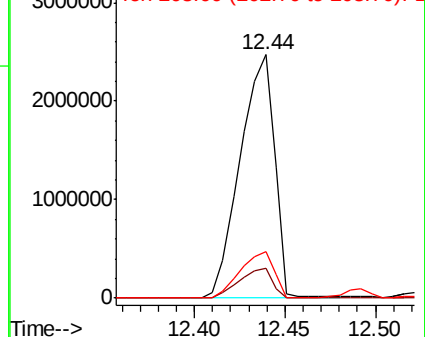
202 100

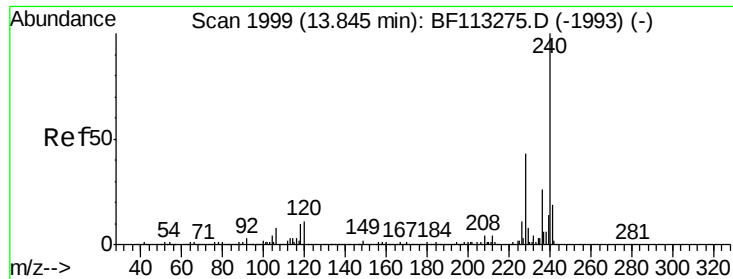
101 12.3 0.0 30.9

203 19.2 0.0 38.2



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

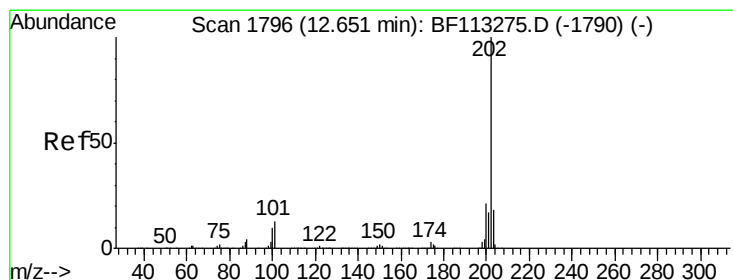
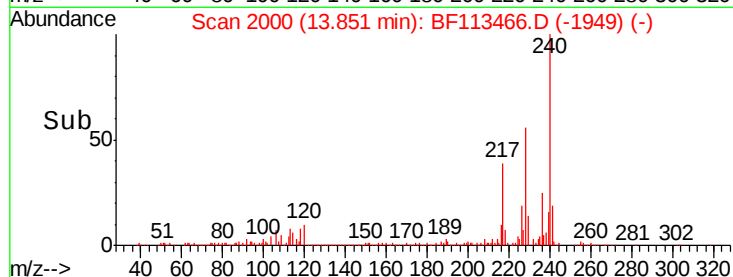
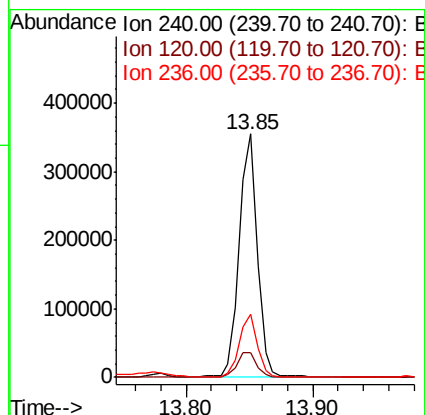
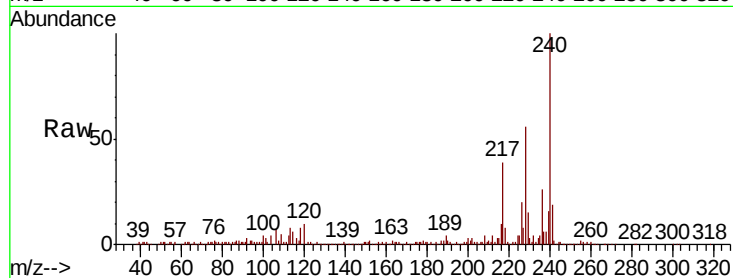




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF113466.D
 Acq: 1 Apr 2019 15:04

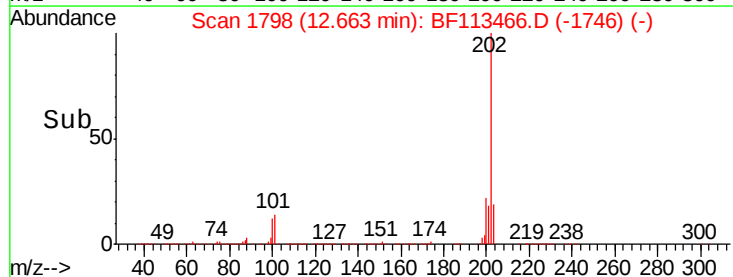
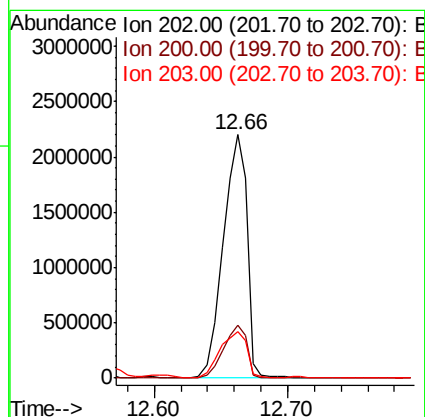
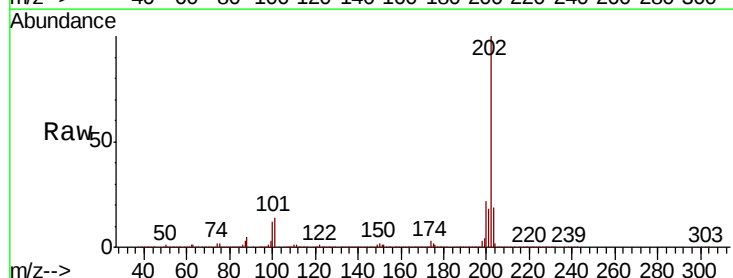
Instrument :
 BNA_F
 ClientSampleId :

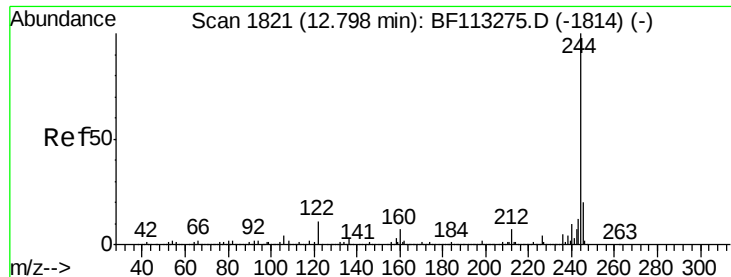
Tot Ion:240 Resp: 345052
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.7 14.5
 236 26.0 20.9 31.3



#78
 Pyrene
 Concen: 115.386 ng
 RT: 12.66 min Scan# 1798
 Delta R.T. 0.01 min
 Lab File: BF113466.D
 Acq: 1 Apr 2019 15:04

Tgt Ion:202 Resp: 2758986
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.0 25.6
 203 19.2 14.7 22.1

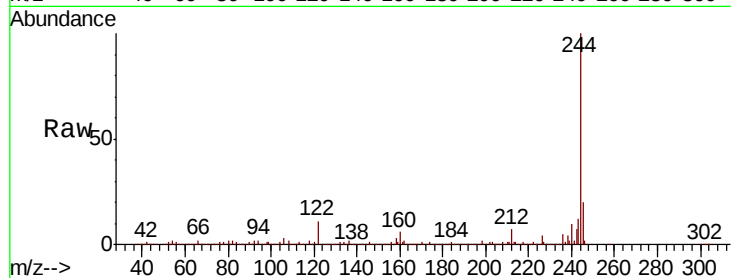




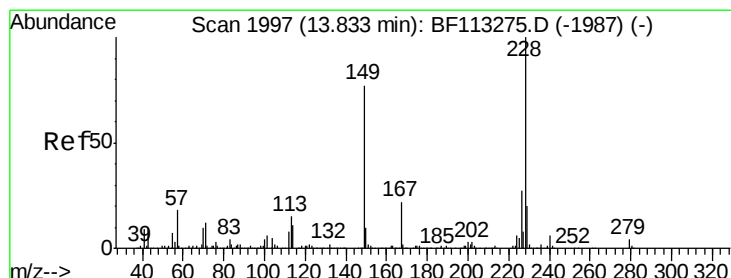
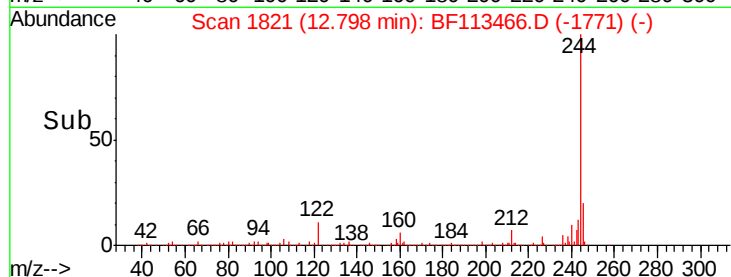
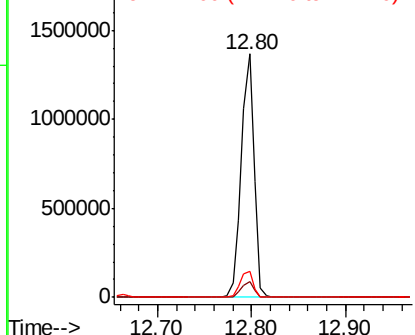
#79
 Terphenyl-d14
 Concen: 83.274 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF113466.D
 Acq: 1 Apr 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1303607
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.7 8.7 13.1

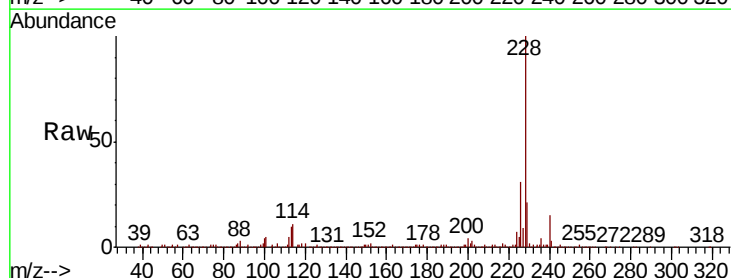


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

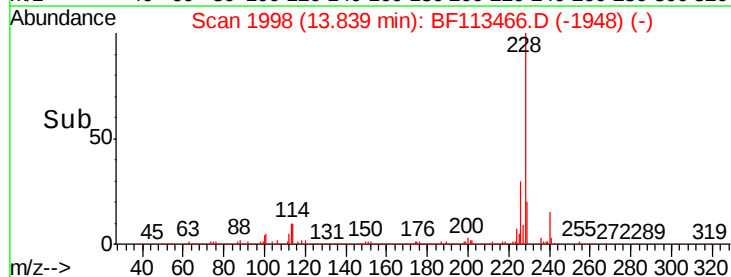
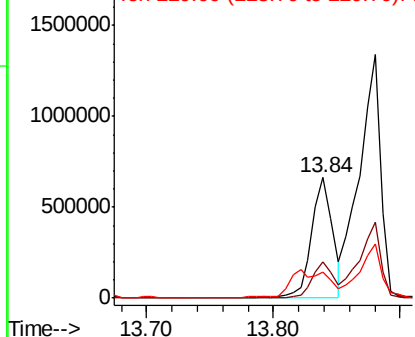


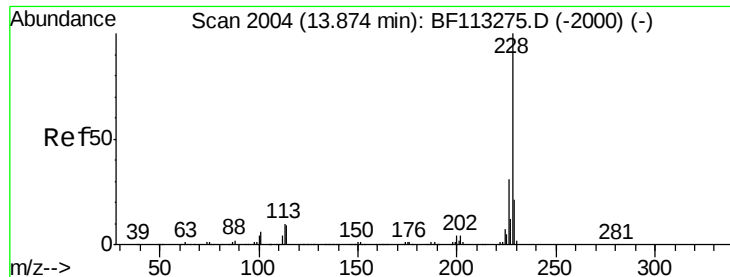
#81
 Benzo(a)anthracene
 Concen: 38.064 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113466.D
 Acq: 1 Apr 2019 15:04

Tgt Ion:228 Resp: 751809
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.0 33.0
 229 21.1 16.0 24.0



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: 77.848 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

Instrument :

BNA_F

ClientSampleId :

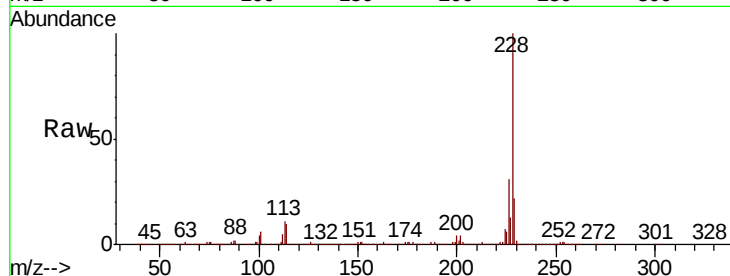
Tot Ion:228 Resp: 1561774

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.4

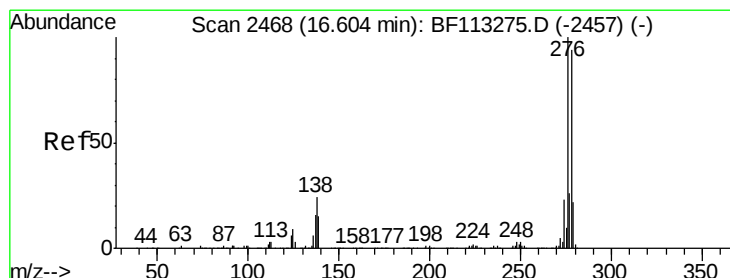
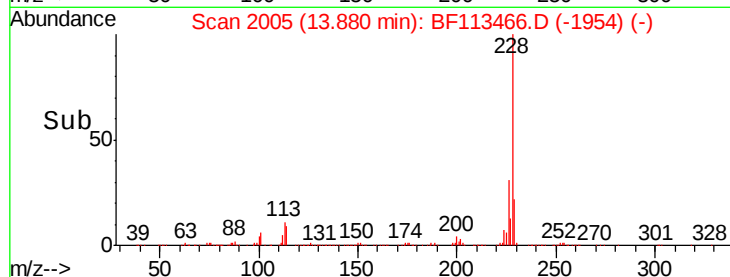
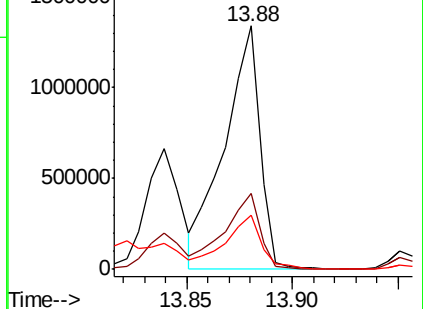
229 22.3 16.2 24.2



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: 18.204 ng

RT: 16.62 min Scan# 2470

Delta R.T. -0.02 min

Lab File: BF113466.D

Acq: 1 Apr 2019 15:04

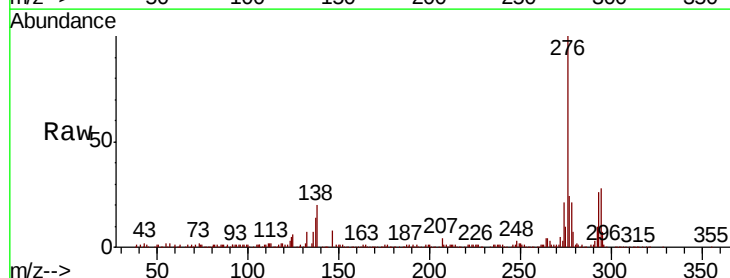
Tgt Ion:276 Resp: 313429

Ion Ratio Lower Upper

276 100

138 20.5 19.3 28.9

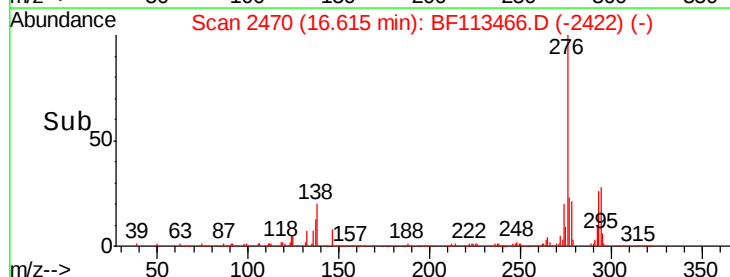
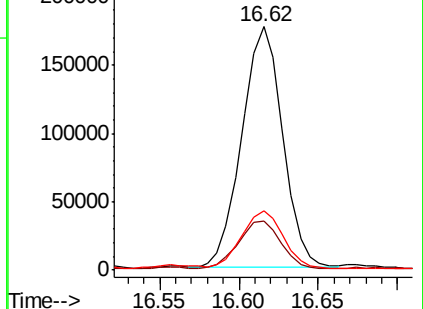
277 24.5 20.0 30.0

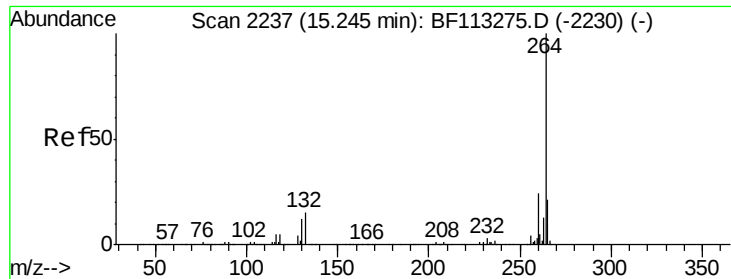


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



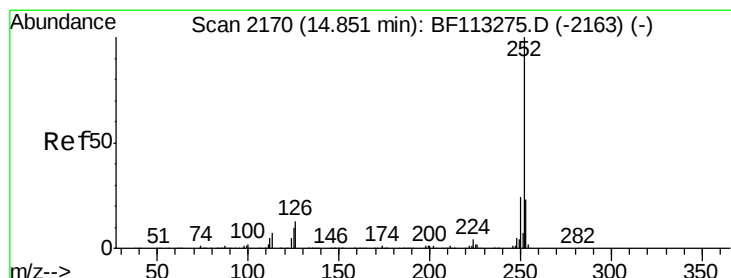
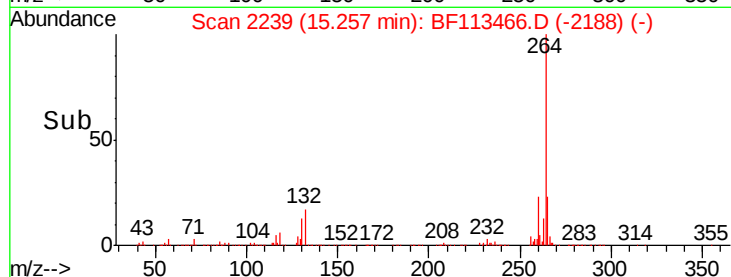
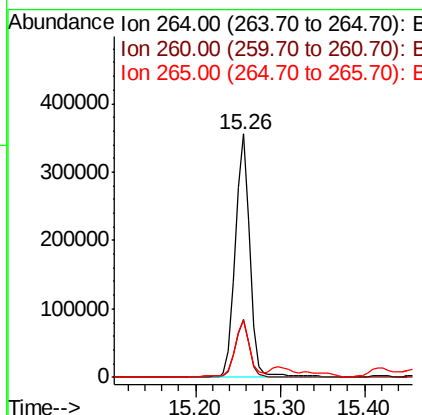
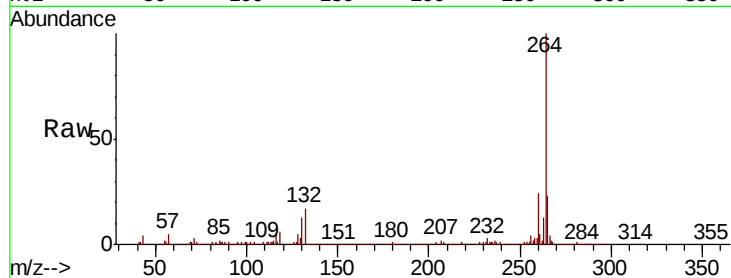


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 412370

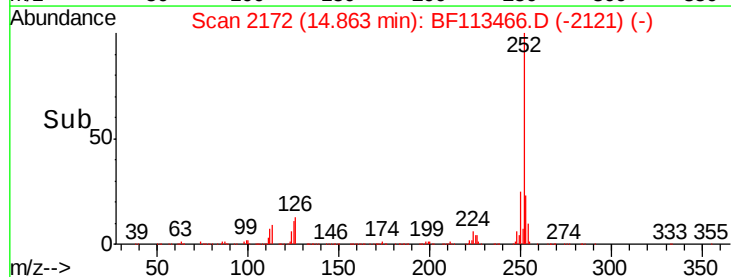
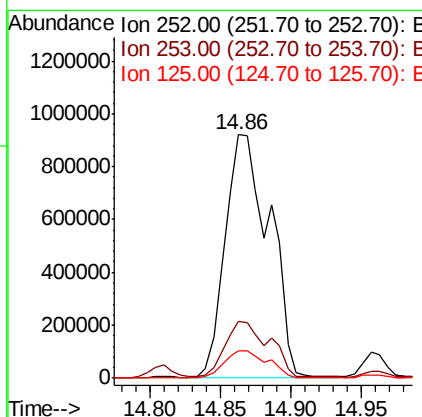
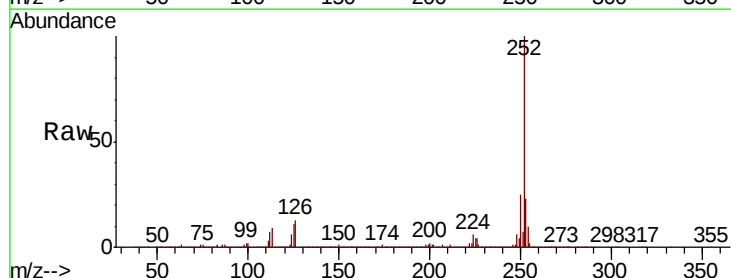
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	23.2	17.2	25.8

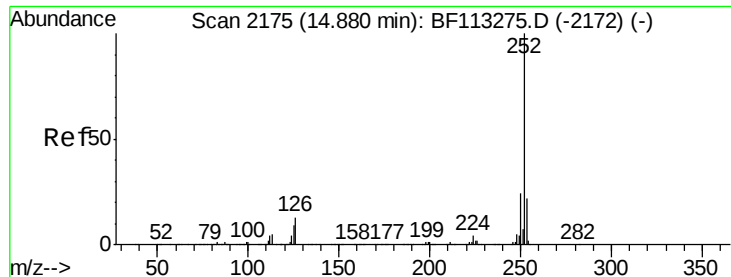


#88
Benzo(b)fluoranthene
Concen: 78.822 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Tgt Ion:252 Resp: 2019132

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	11.4	8.2	12.2

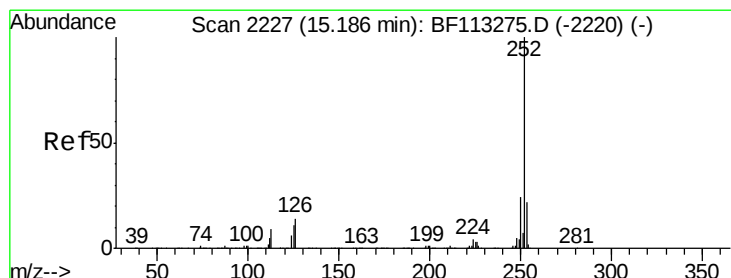
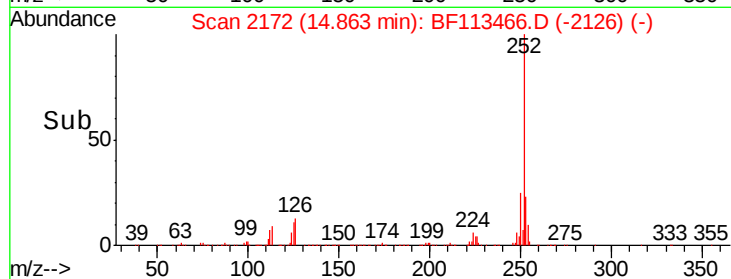
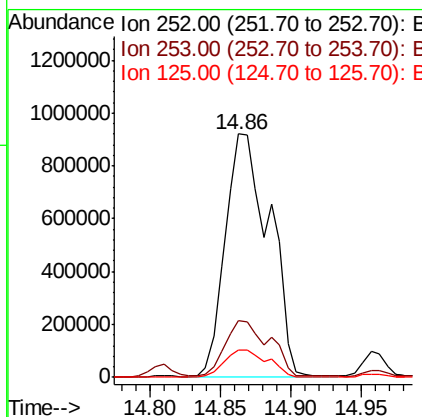
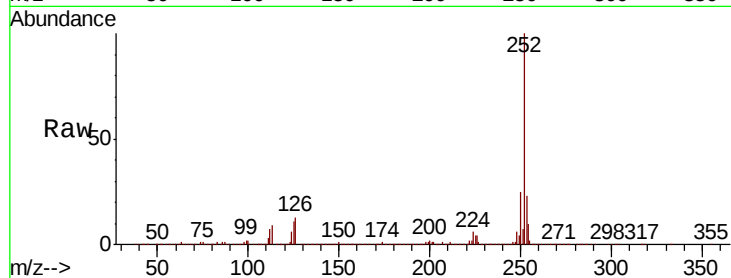




#89
Benzo(k)fluoranthene
Concen: 89.756 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

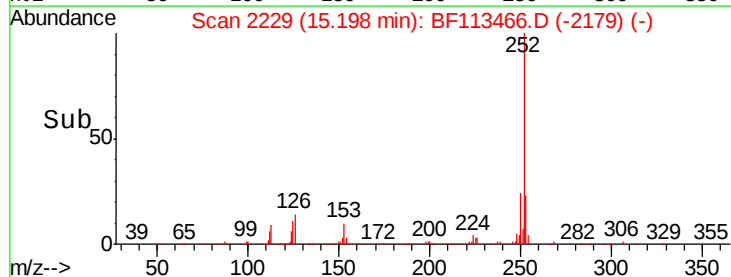
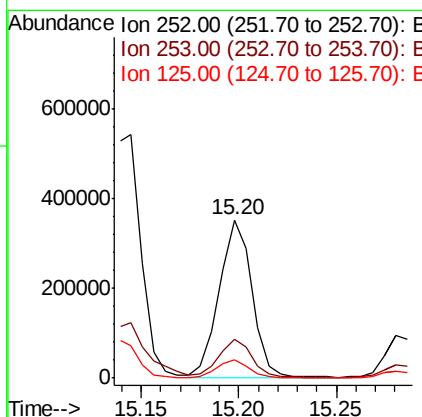
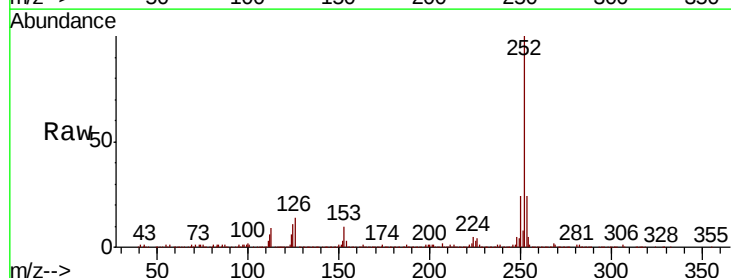
Instrument :
BNA_F
ClientSampleId :

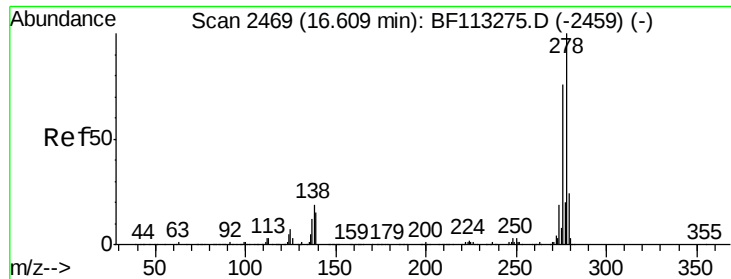
Tot Ion:252 Resp: 2019132
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 11.4 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 17.851 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Tgt Ion:252 Resp: 405383
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 11.3 8.4 12.6

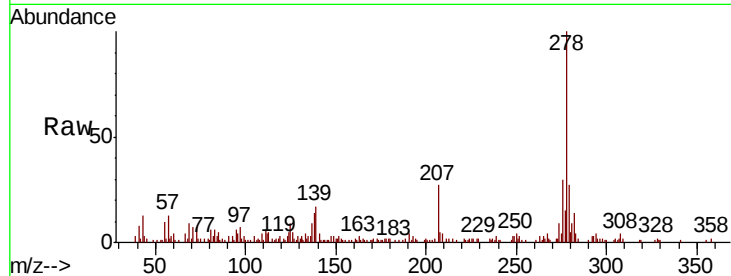




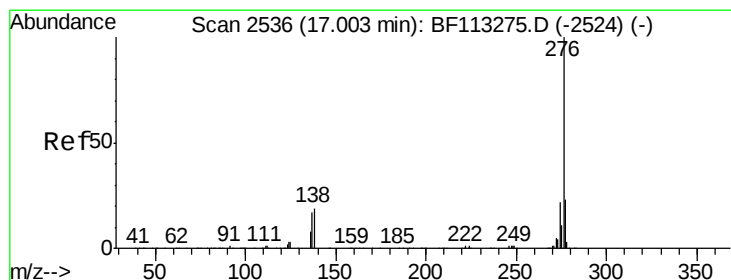
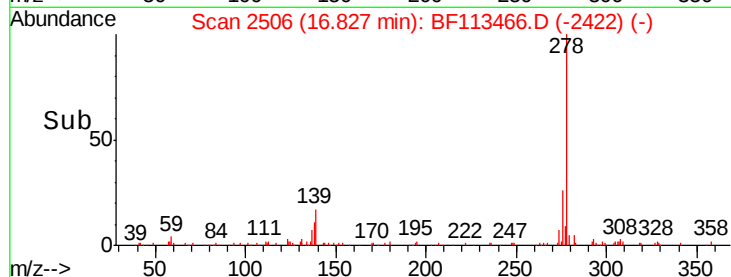
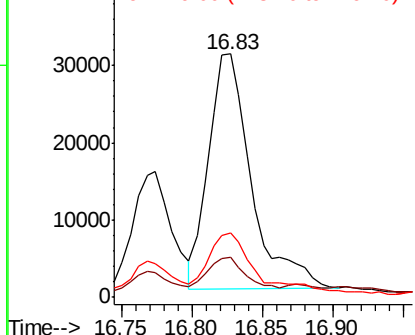
#91
Dibenzo(a,h)anthracene
Concen: 3.256 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.19 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 63934
Ion Ratio Lower Upper
278 100
139 16.5 12.6 18.8
279 26.6 19.3 28.9

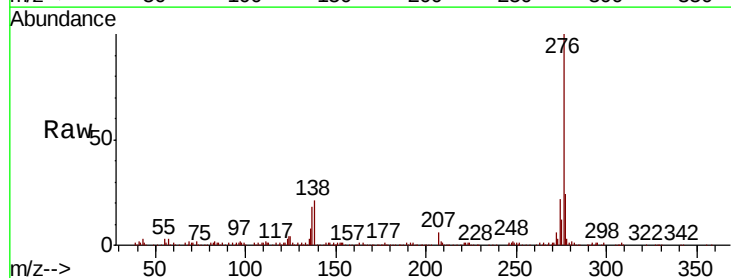


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 12.712 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF113466.D
Acq: 1 Apr 2019 15:04

Tgt Ion:276 Resp: 251693
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 21.0 17.0 25.6



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

