

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111421.D
 Acq On : 14 Dec 2018 16:22
 Operator : JU/SJ
 Sample : J6319-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 17:13:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	200485	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	813038	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	374363	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	570509	20.00	ng	0.00
76) Chrysene-d12	13.96	240	363176	20.00	ng	0.00
87) Perylene-d12	15.40	264	352751	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1238187	102.77	ng	0.00
7) Phenol-d6	6.44	99	1586724	99.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	997770	73.08	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	298770	89.09	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1639247	67.64	ng	0.00
79) Terphenyl-d14	12.90	244	1025482	66.31	ng	0.00

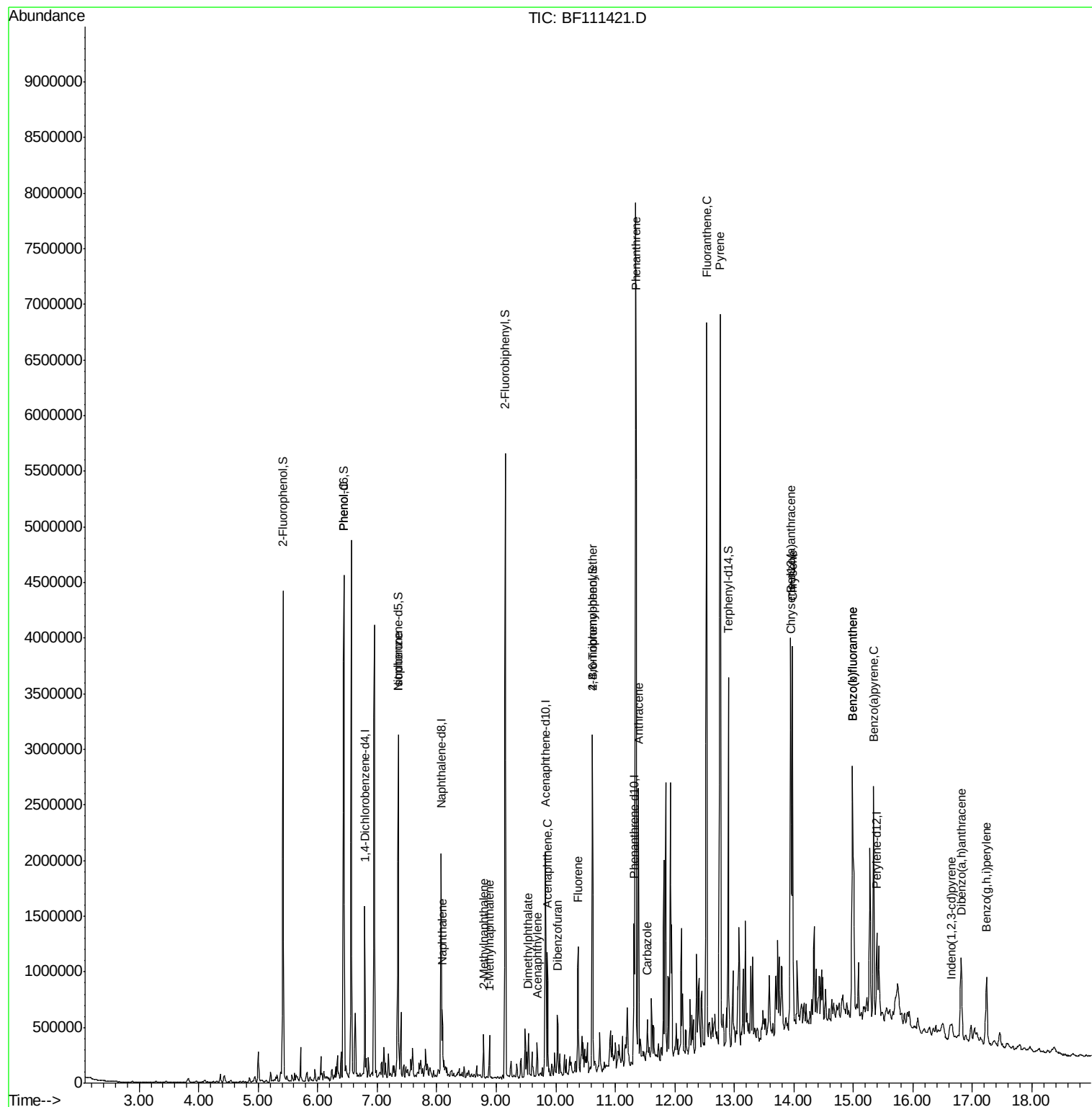
Target Compounds				Qvalue		
10) Phenol	6.45	94	120178	6.732	ng	92
25) Isophorone	7.35	82	985760	42.670	ng	# 64
31) Naphthalene	8.09	128	177483	4.667	ng	96
37) 2-Methylnaphthalene	8.79	142	100377	3.901	ng	98
38) 1-Methylnaphthalene	8.89	142	108178	4.352	ng	96
49) Acenaphthylene	9.69	152	76497	2.137	ng	95
50) Dimethylphthalate	9.54	163	134856	5.002	ng	99
52) Acenaphthene	9.86	154	224561	9.927	ng	98
55) Dibenzofuran	10.03	168	137545	4.189	ng	96
58) Fluorene	10.37	166	294238	12.355	ng	100
67) 4-Bromophenyl-phenylether	10.62	248	19379	3.152	ng	# 1
71) Phenanthrene	11.35	178	3364519	114.450	ng	98
72) Anthracene	11.39	178	1001881	33.325	ng	95
73) Carbazole	11.54	167	131879	4.242	ng	94
75) Fluoranthene	12.53	202	2971101	103.309	ng	99
78) Pyrene	12.76	202	3476678	135.780	ng	99
81) Benzo(a)anthracene	13.94	228	1516320	76.786	ng	99
83) Chrysene	13.98	228	1295693	62.285	ng	99
86) Indeno(1,2,3-cd)pyrene	16.65	276	92030	6.130	ng	95
88) Benzo(b)fluoranthene	14.99	252	1820940	88.542	ng	99
89) Benzo(k)fluoranthene	14.99	252	1820940	92.664	ng	98
90) Benzo(a)pyrene	15.34	252	1118425	60.307	ng	97
91) Dibenz(a,h)anthracene	16.82	278	123935	8.472	ng	96
92) Benzo(g,h,i)perylene	17.24	276	485051	33.778	ng	95

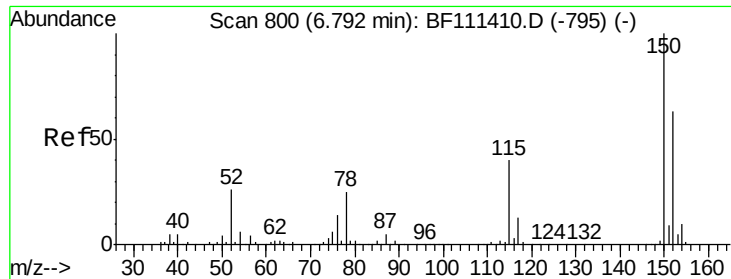
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111421.D
Acq On : 14 Dec 2018 16:22
Operator : JU/SJ
Sample : J6319-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 17:13:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



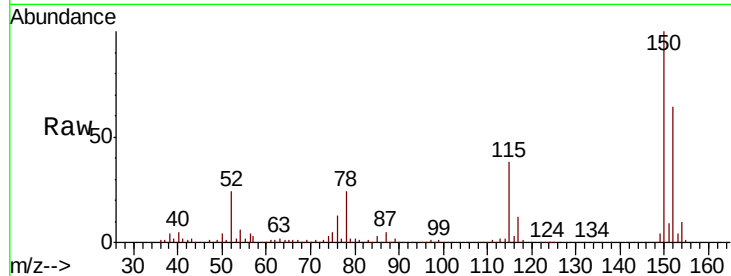


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	58.9	50.7	76.1

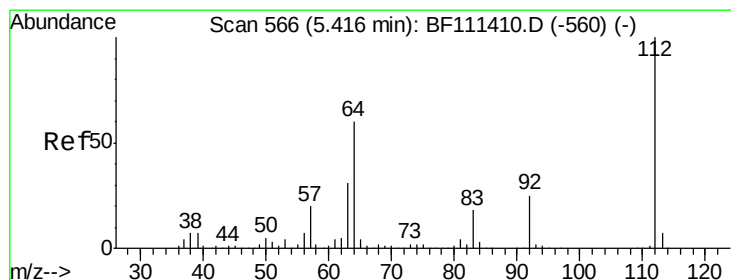
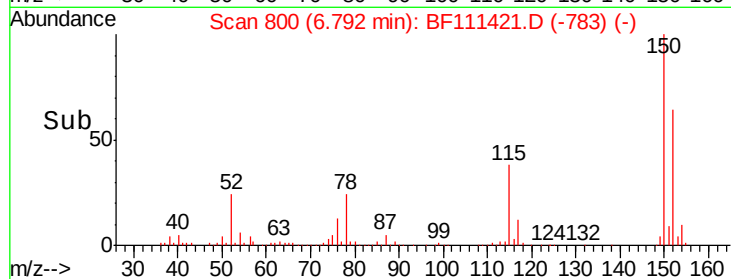
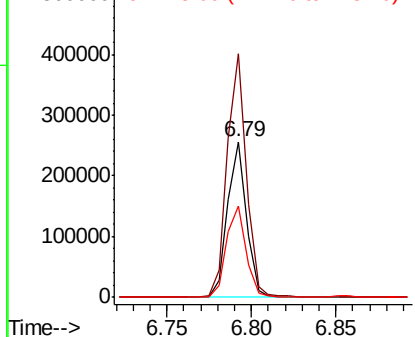


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

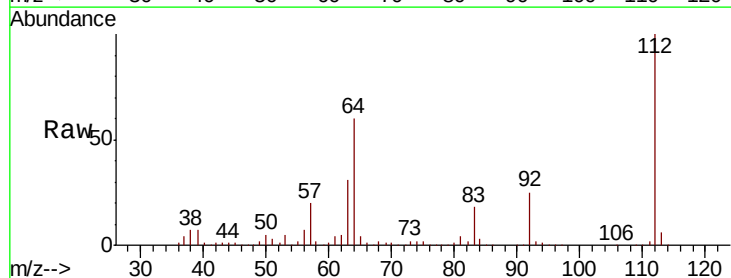
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.772 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	51.8	77.6
63	31.5	26.8	40.2

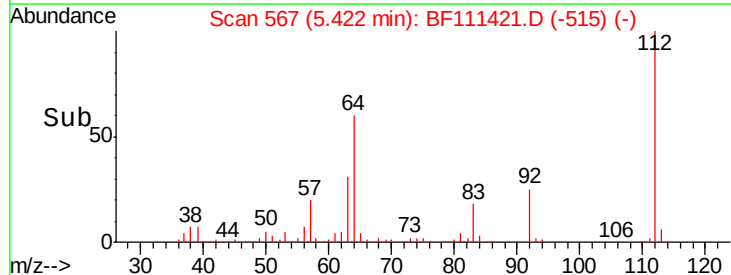
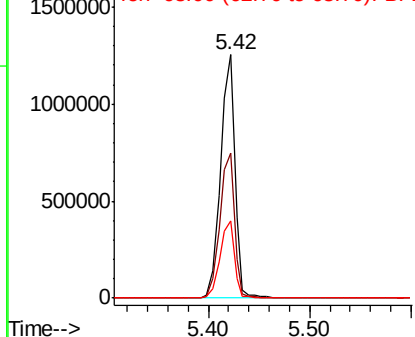


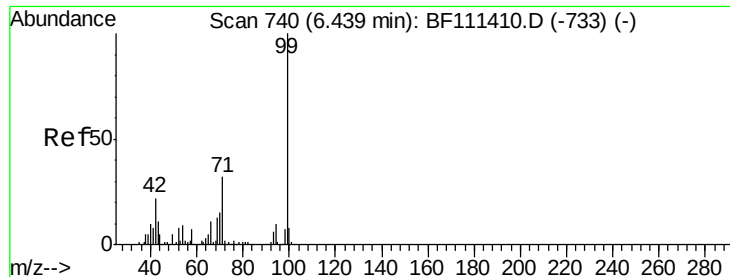
Abundance

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: 99.010 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

Instrument :

BNA_F

ClientSampleId :

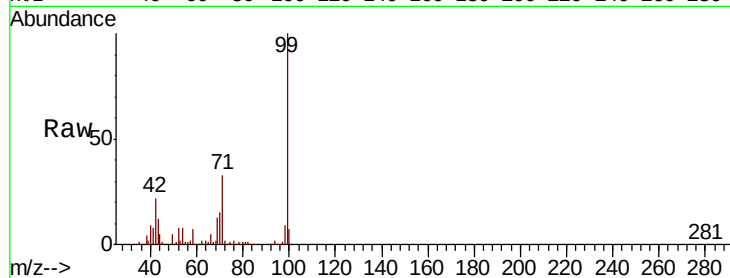
Tot Ion: 99 Resp: 1586724

Ion Ratio Lower Upper

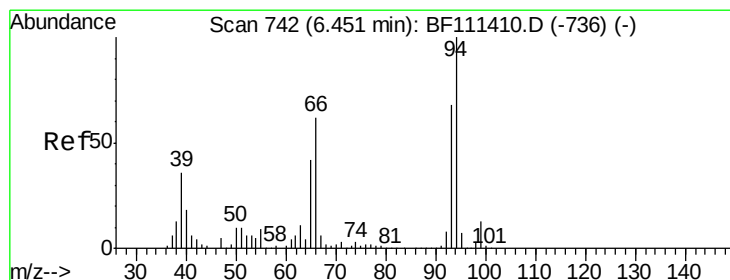
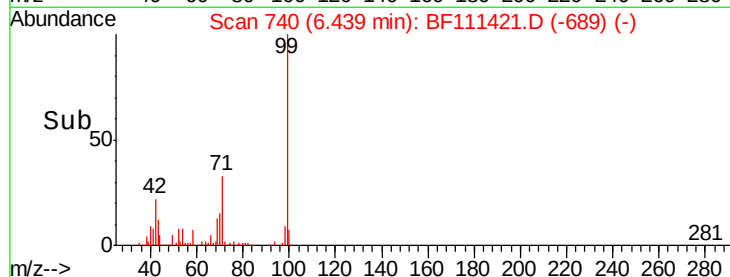
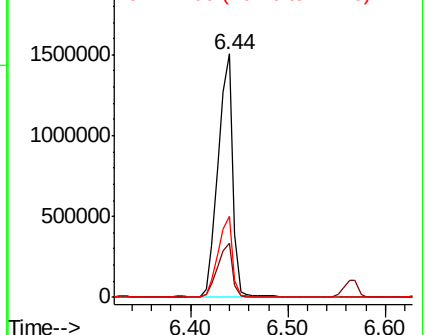
99 100

42 22.2 17.4 26.0

71 33.3 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.732 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

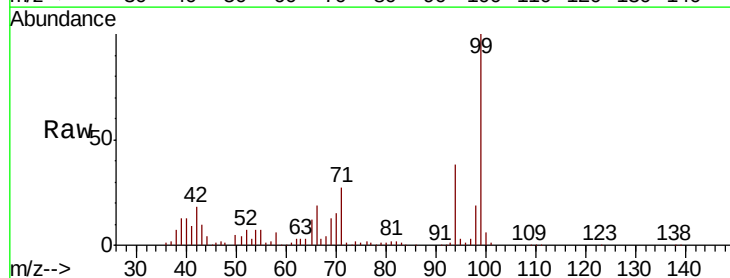
Tgt Ion: 94 Resp: 120178

Ion Ratio Lower Upper

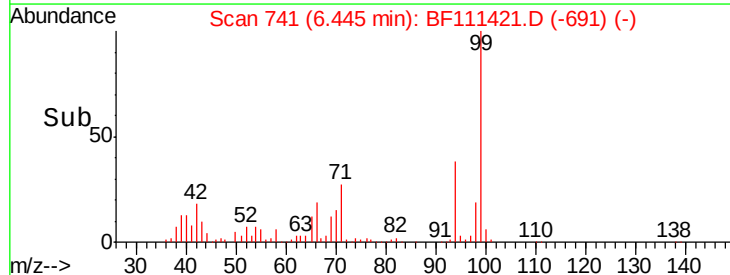
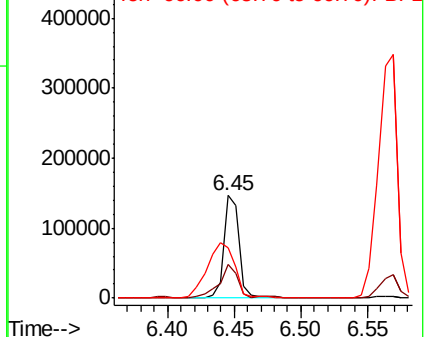
94 100

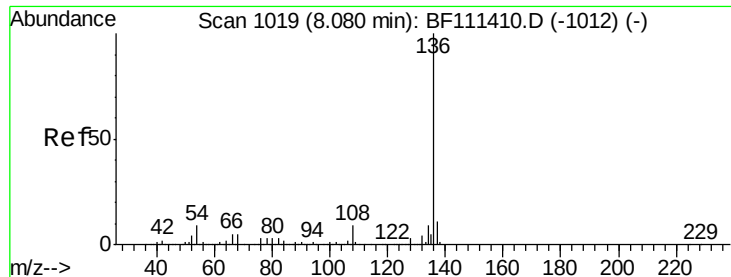
65 32.6 11.7 51.7

66 49.4 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

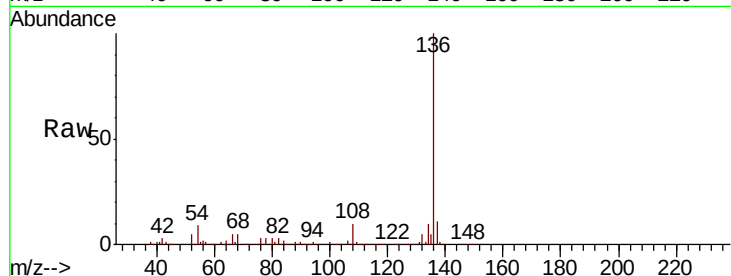




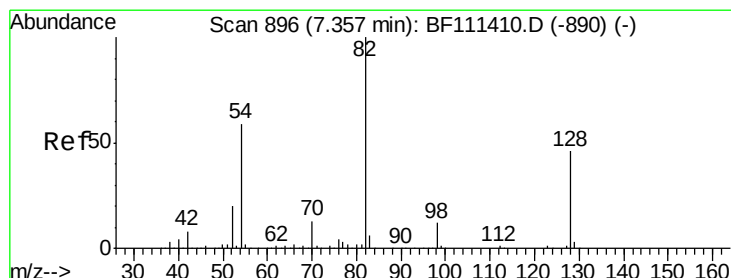
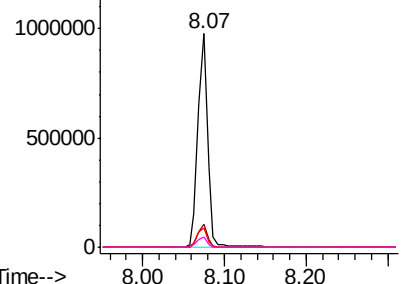
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	813038
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	8.8	7.7 11.5
68	5.0	4.9 7.3

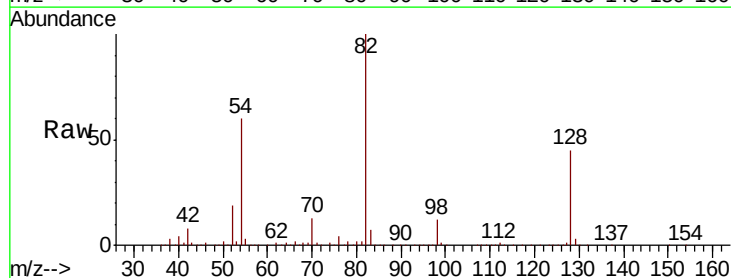


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

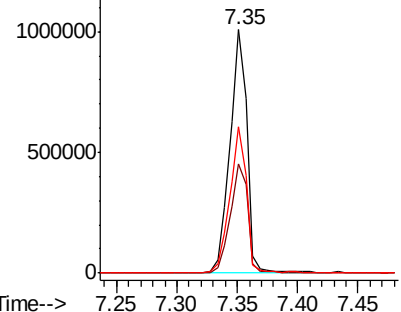


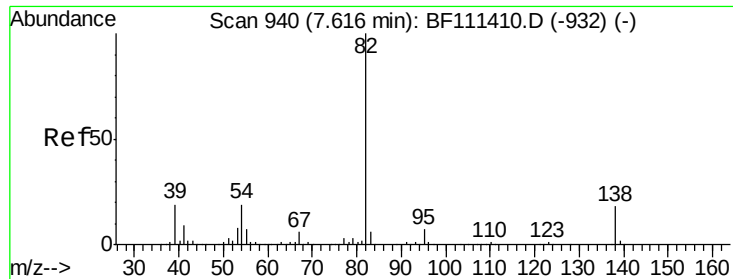
#23
Nitrobenzene-d5
Concen: 73.079 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Tgt Ion: 82	Resp:	997770
Ion Ratio	Lower	Upper
82	100	
128	45.0	37.4 56.2
54	60.1	47.6 71.4



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: 42.670 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

Instrument :

BNA_F

ClientSampleId :

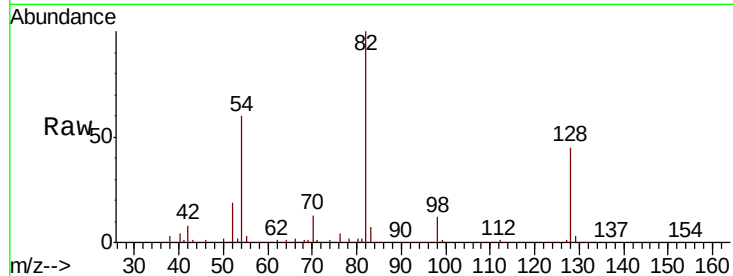
Tot Ion: 82 Resp: 985760

Ion Ratio Lower Upper

82 100

95 0.2 5.4 8.2#

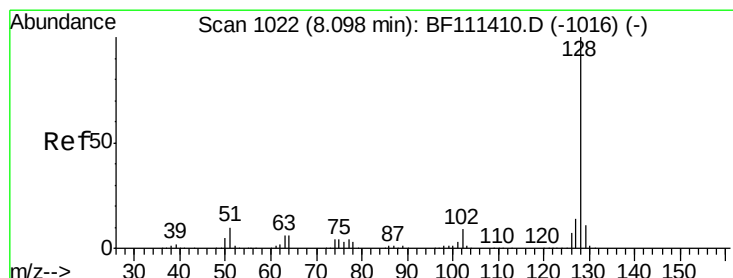
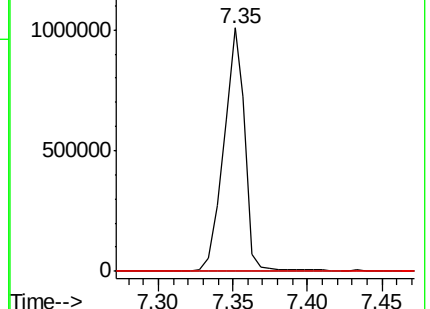
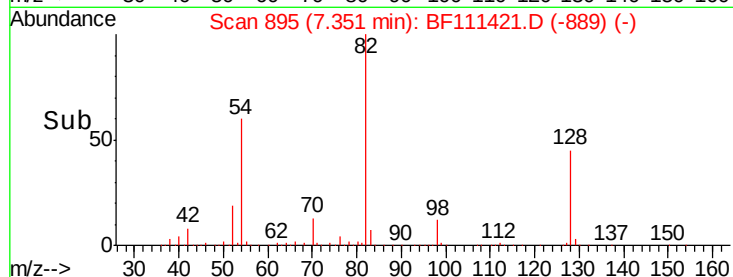
138 0.0 15.1 22.7#



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: 4.667 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

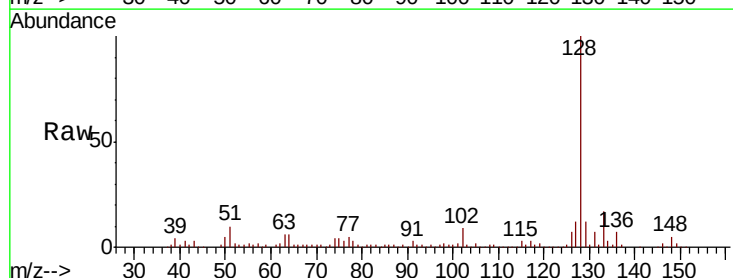
Tgt Ion: 128 Resp: 177483

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.8

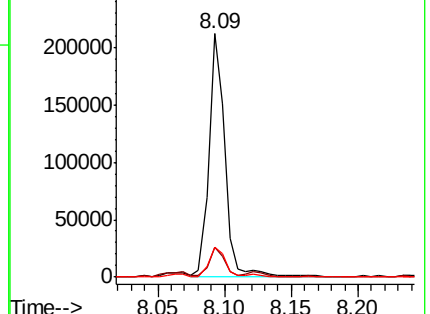
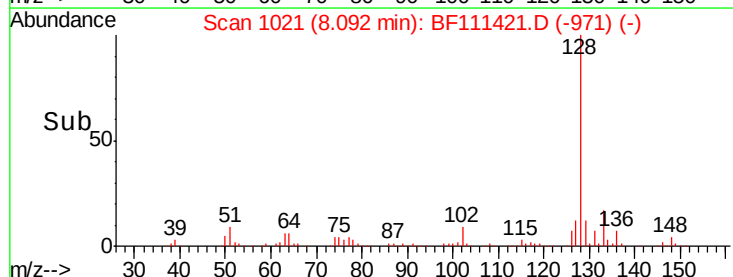
127 12.2 12.0 18.0

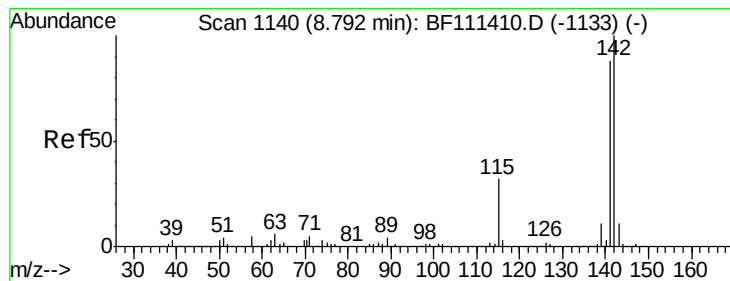


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 3.901 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

Instrument :

BNA_F

ClientSampleId :

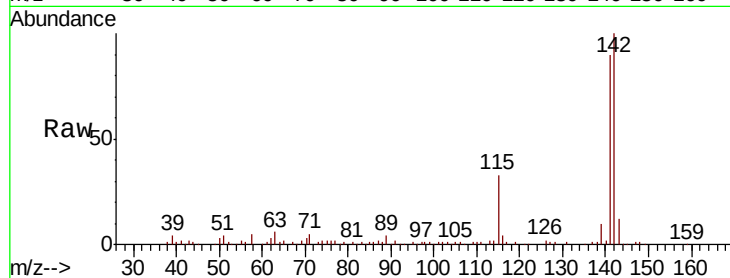
Tot Ion:142 Resp: 100377

Ion Ratio Lower Upper

142 100

141 89.7 70.6 105.8

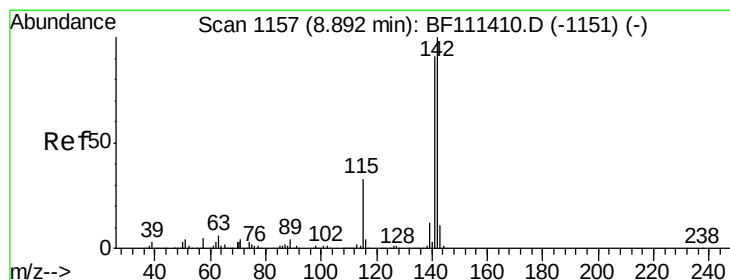
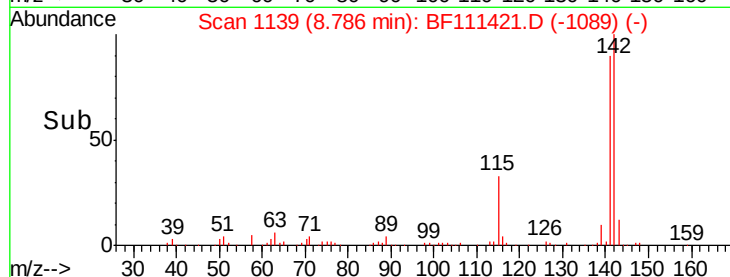
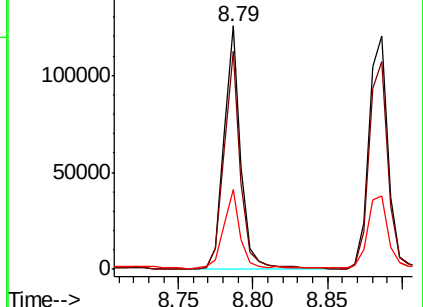
115 32.8 27.0 40.6



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: 4.352 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

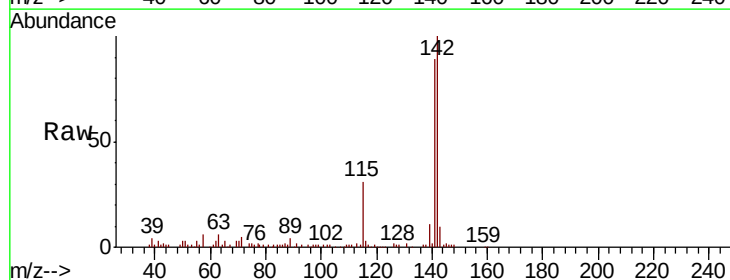
Tgt Ion:142 Resp: 108178

Ion Ratio Lower Upper

142 100

141 88.8 74.2 111.4

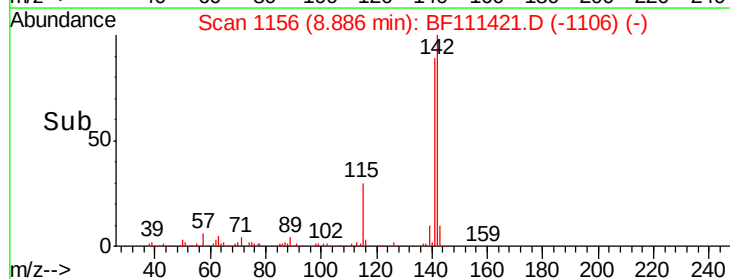
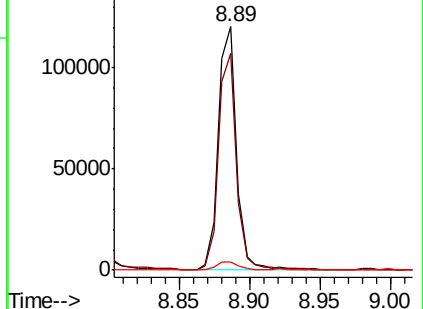
116 3.2 2.9 4.3

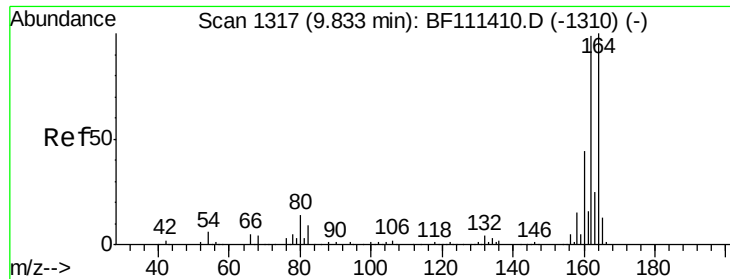


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

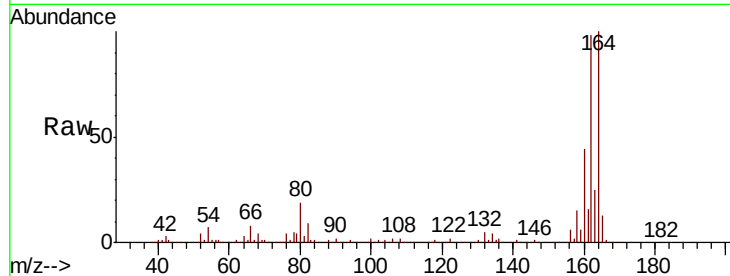




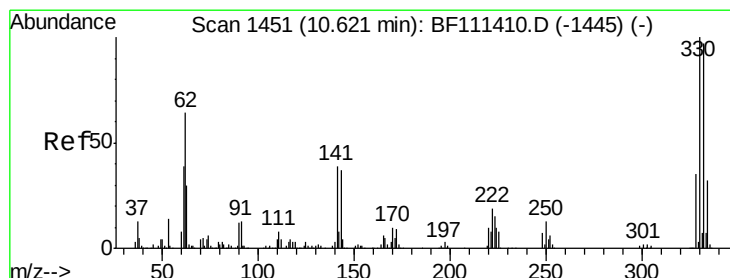
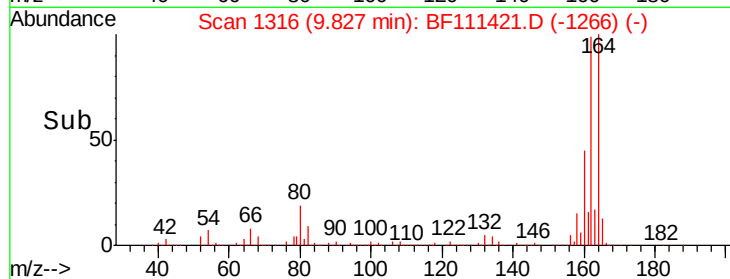
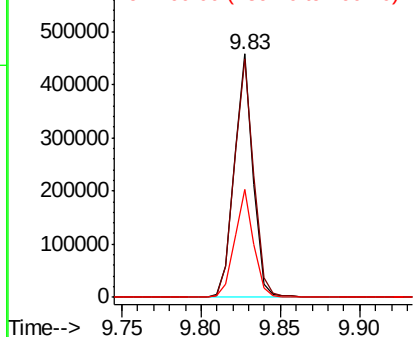
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111421.D
 Acq: 14 Dec 2018 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 374363
 Ion Ratio Lower Upper
 164 100
 162 97.7 81.4 122.0
 160 44.1 35.7 53.5

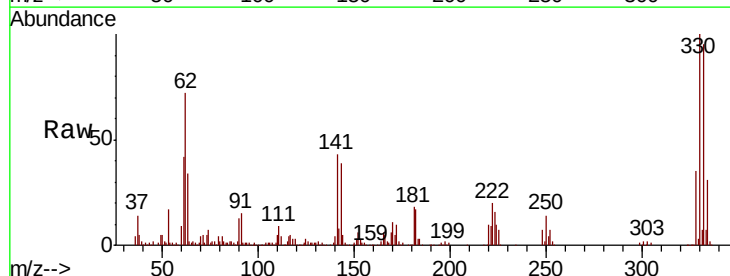


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

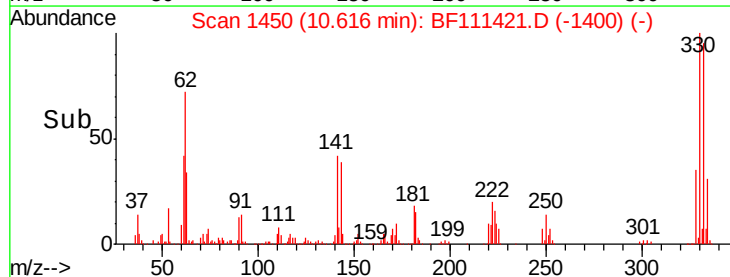
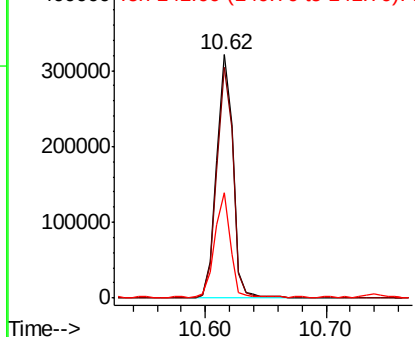


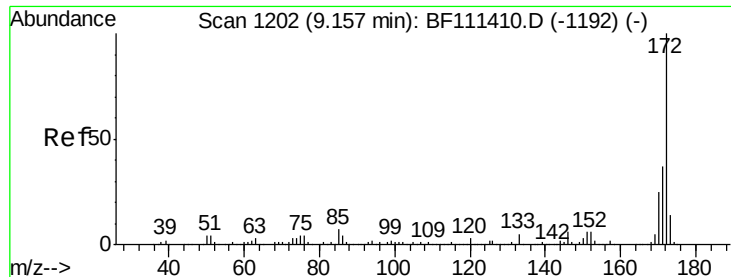
#42
 2,4,6-Tribromophenol
 Concen: 89.092 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111421.D
 Acq: 14 Dec 2018 16:22

Tgt Ion:330 Resp: 298770
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.0 114.0
 141 41.0 31.0 46.6



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

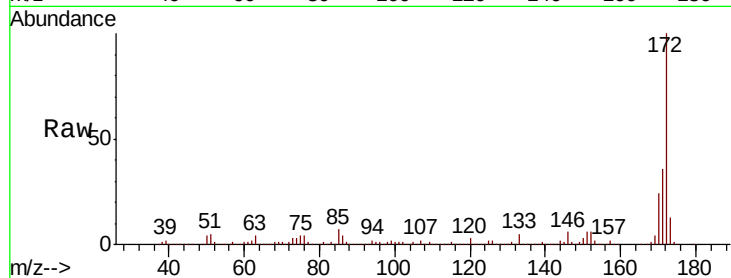




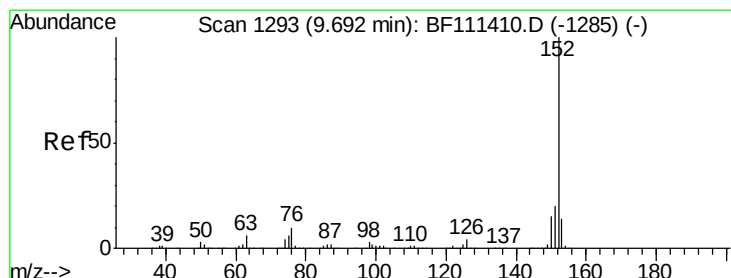
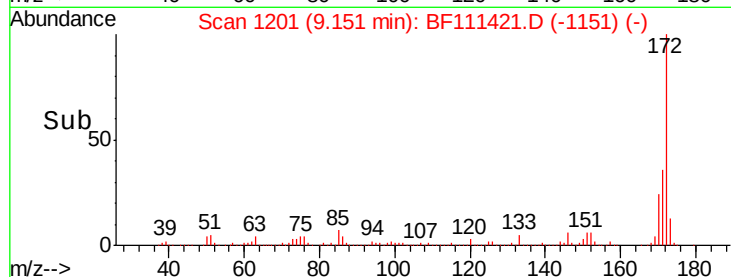
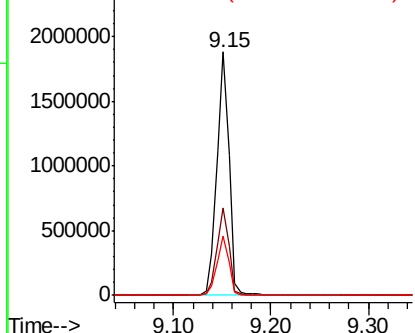
#45
2-Fluorobiphenyl
Concen: 67.636 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1639247
Ion Ratio Lower Upper
172 100
171 35.9 33.0 49.4
170 24.1 22.3 33.5

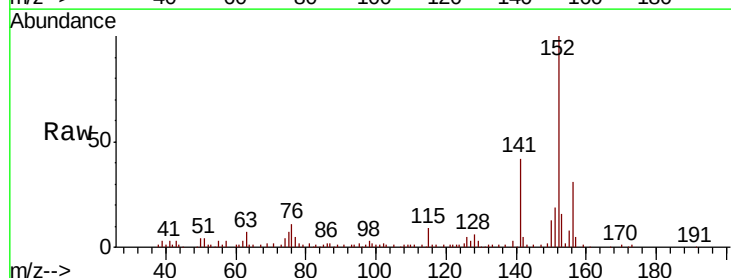


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

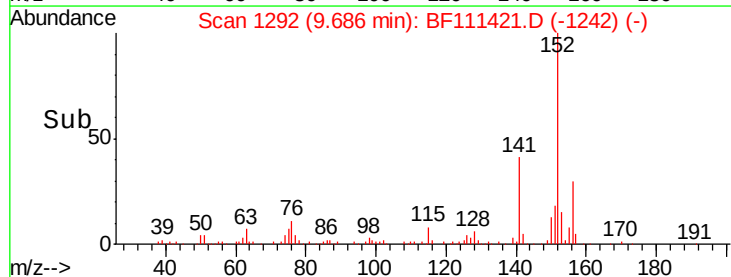
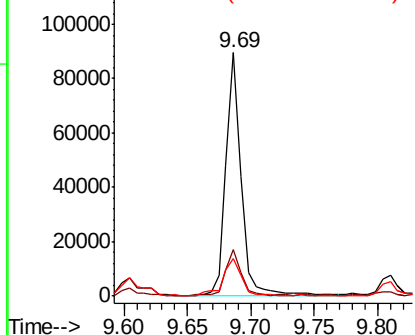


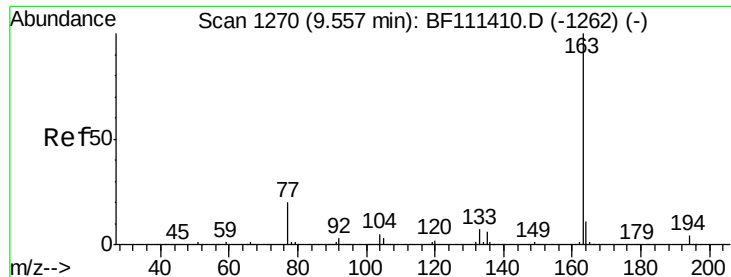
#49
Acenaphthylene
Concen: 2.137 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Tgt Ion:152 Resp: 76497
Ion Ratio Lower Upper
152 100
151 19.0 18.0 27.0
153 15.7 12.3 18.5



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

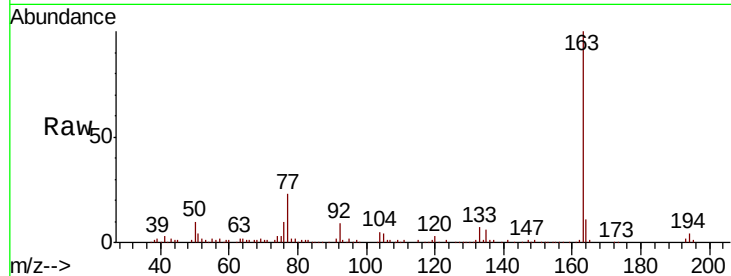




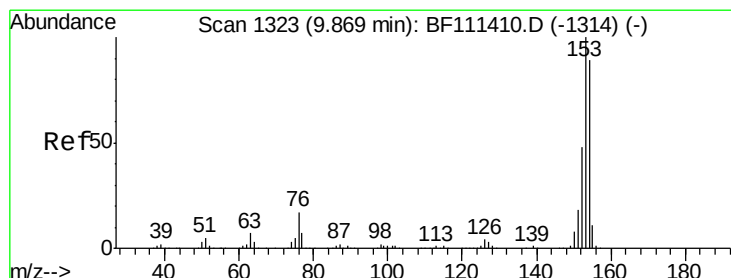
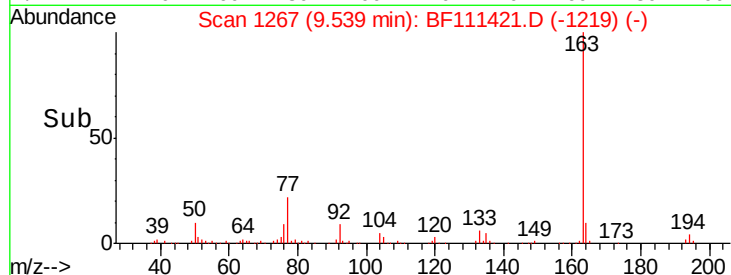
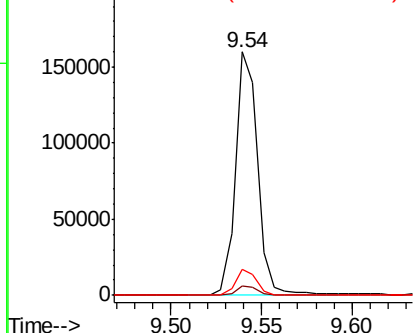
#50
Dimethylphthalate
Concen: 5.002 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.6	8.9	13.3

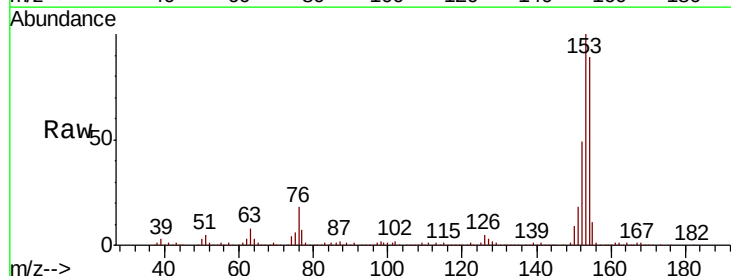


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

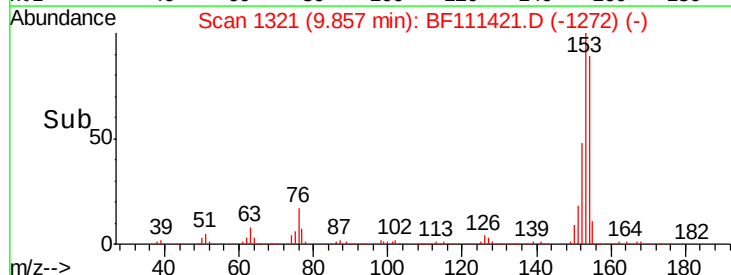
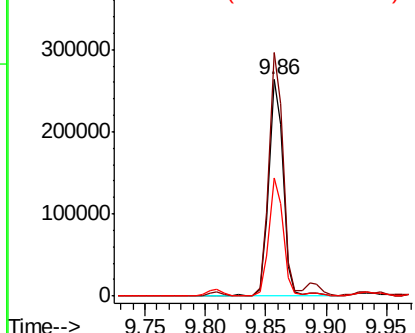


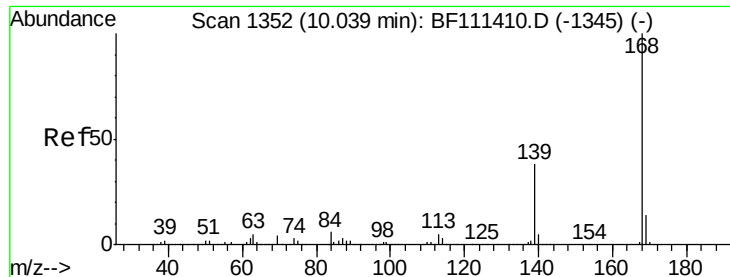
#52
Acenaphthene
Concen: 9.927 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	87.8	131.8
152	54.6	43.4	65.2



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

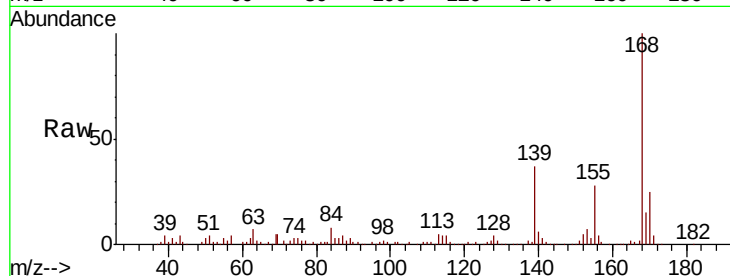




#55
Dibenzofuran
Concen: 4.189 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	32.6	49.0
169	15.1	11.8	17.6

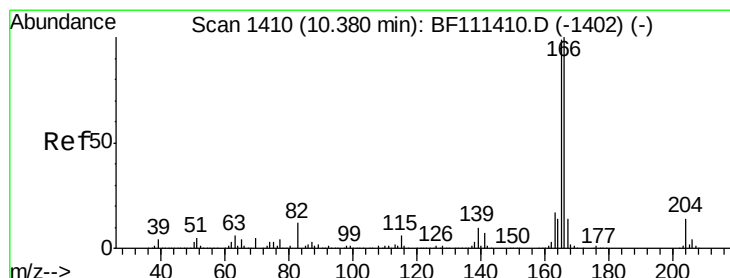
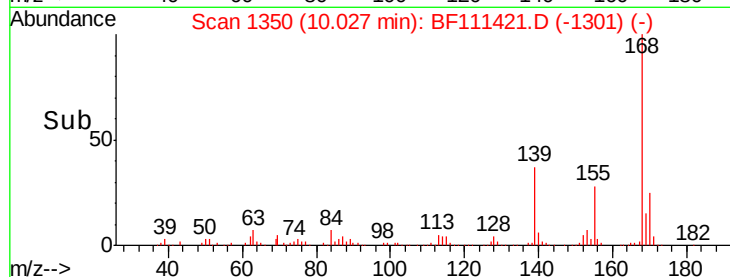
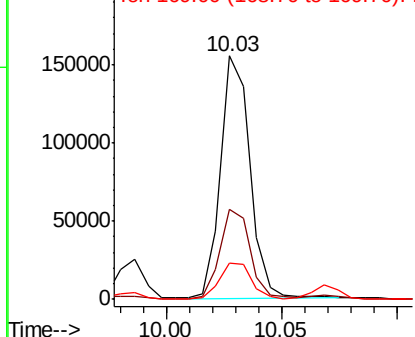


Abundance

Ion 168.00 (167.70 to 168.70): E

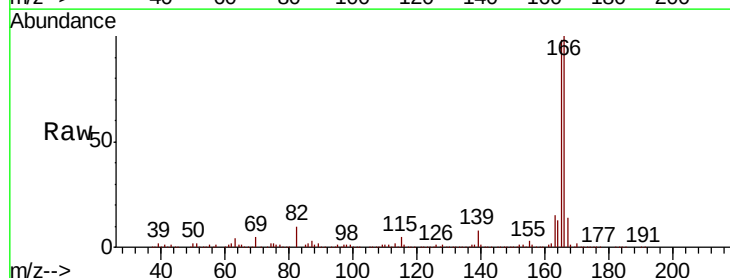
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#58
Fluorene
Concen: 12.355 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	14.1	11.2	16.8

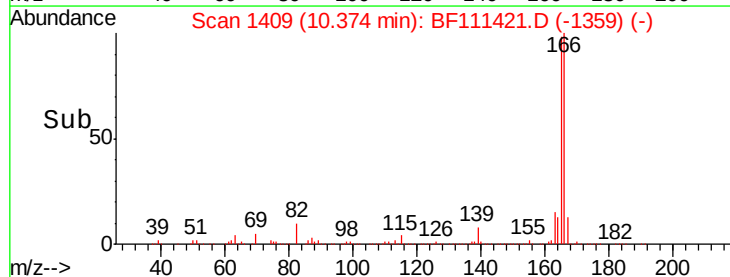
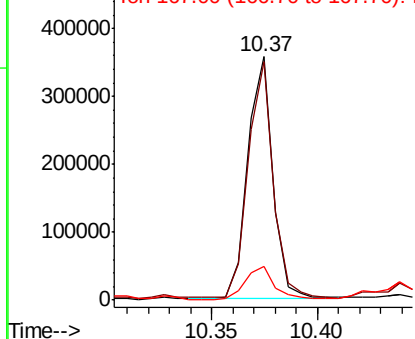


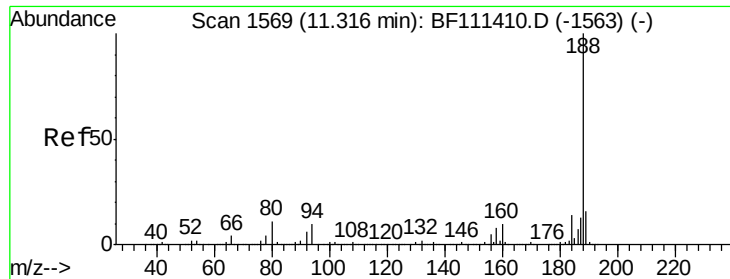
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

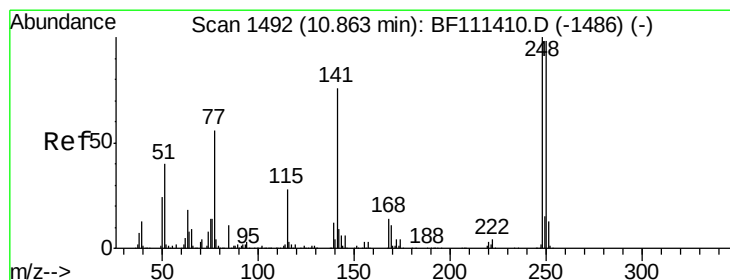
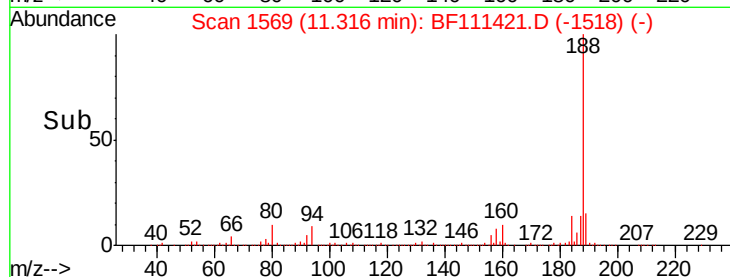
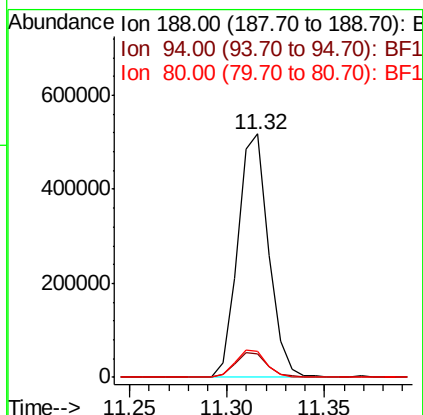
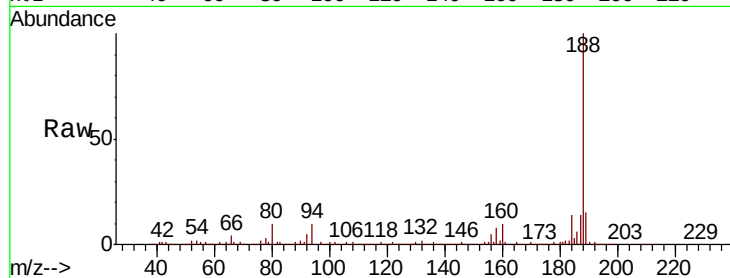




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

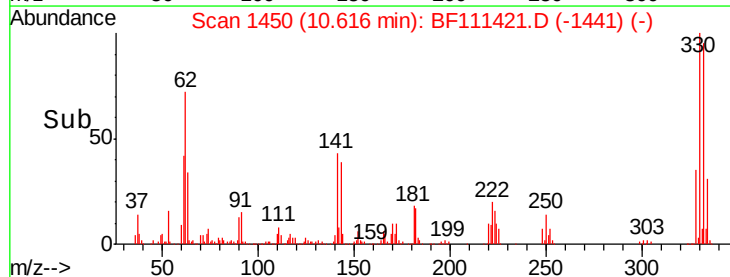
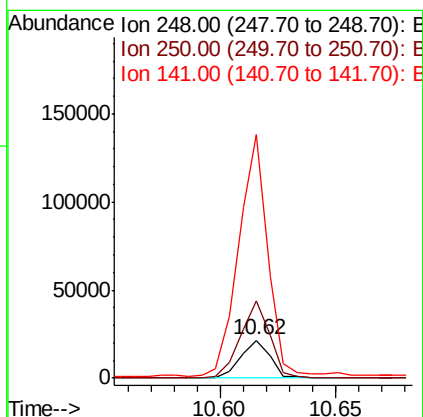
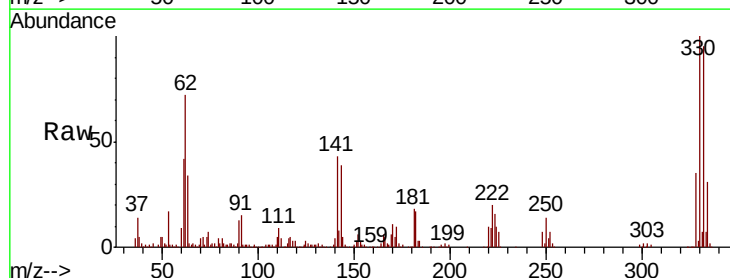
Instrument :
BNA_F
ClientSampleId :

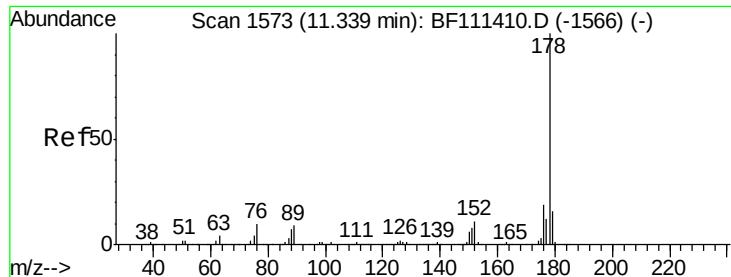
Tot Ion:188 Resp: 570509
Ion Ratio Lower Upper
188 100
94 9.5 9.6 14.4#
80 10.5 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 3.152 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Tgt Ion:248 Resp: 19379
Ion Ratio Lower Upper
248 100
250 204.0 77.0 115.4#
141 640.5 63.0 94.6#

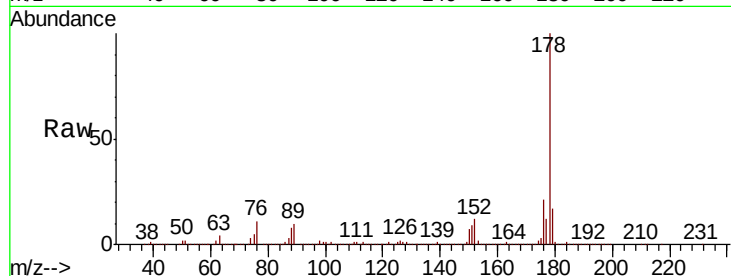




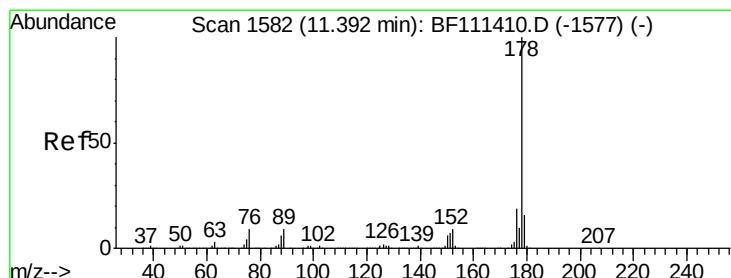
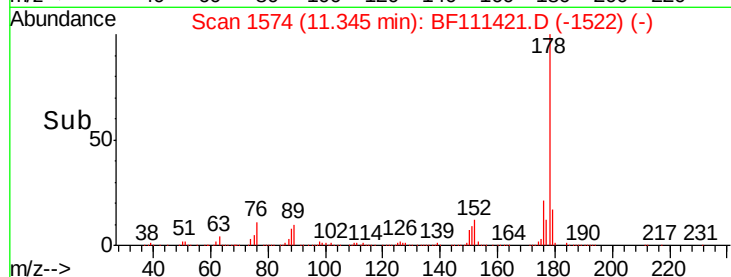
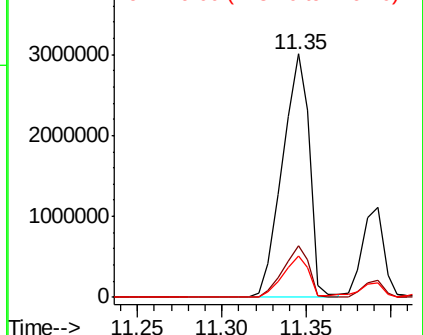
#71
Phenanthrene
Concen: 114.450 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 3364519
Ion Ratio Lower Upper
178 100
176 21.2 18.1 27.1
179 16.9 14.0 21.0

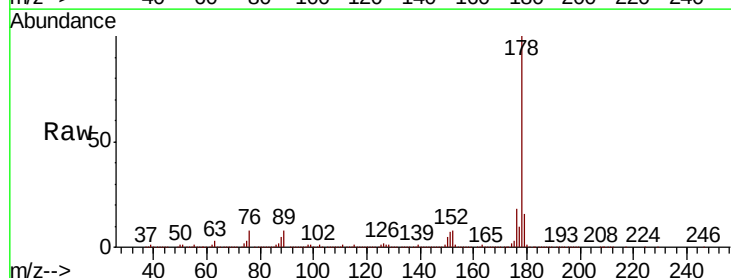


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

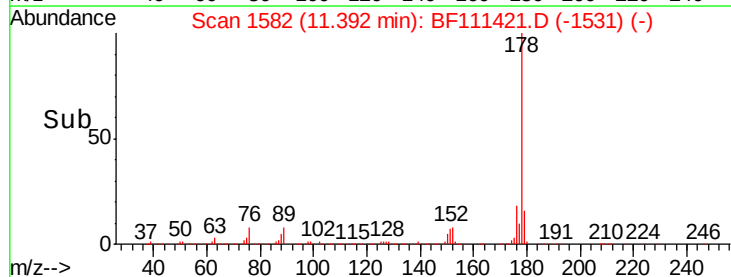
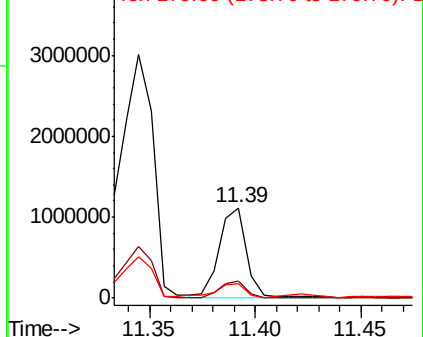


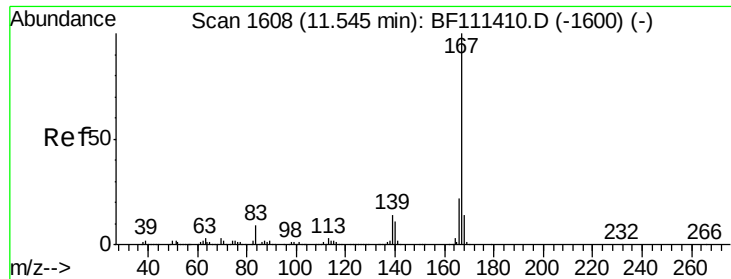
#72
Anthracene
Concen: 33.325 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Tgt Ion:178 Resp: 1001881
Ion Ratio Lower Upper
178 100
176 18.4 17.2 25.8
179 15.8 13.8 20.8



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

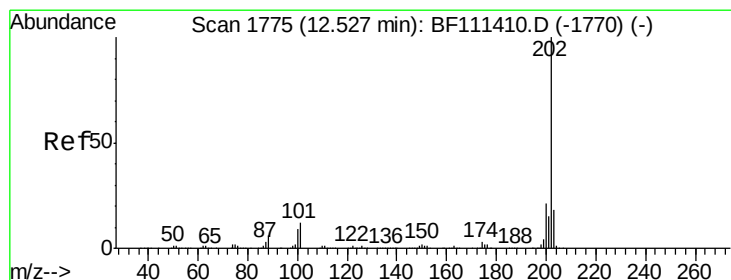
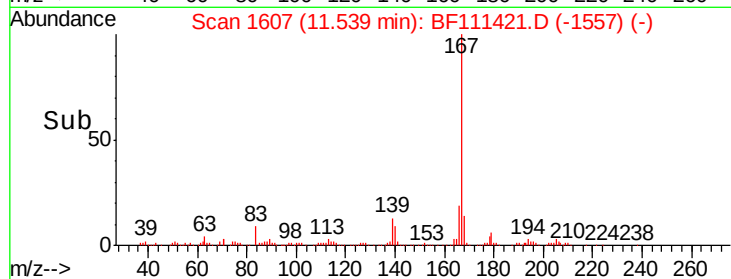
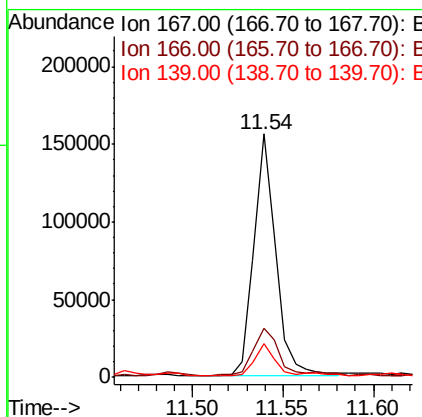
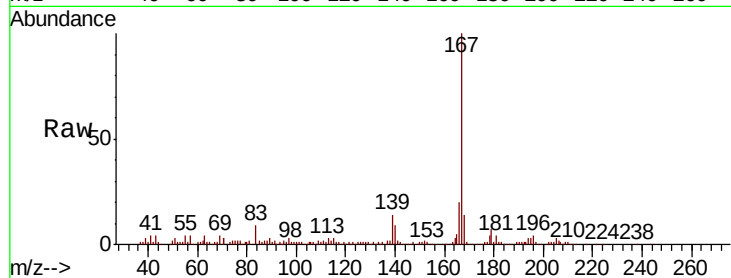




#73
 Carbazole
 Concen: 4.242 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111421.D
 Acq: 14 Dec 2018 16:22

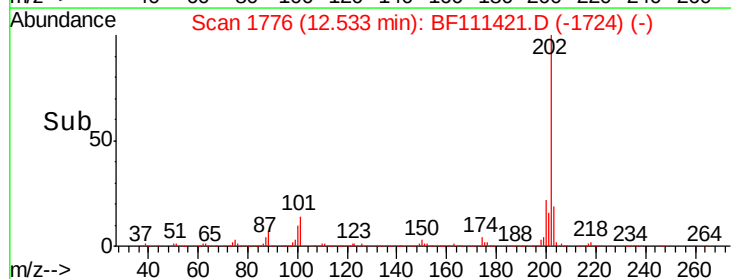
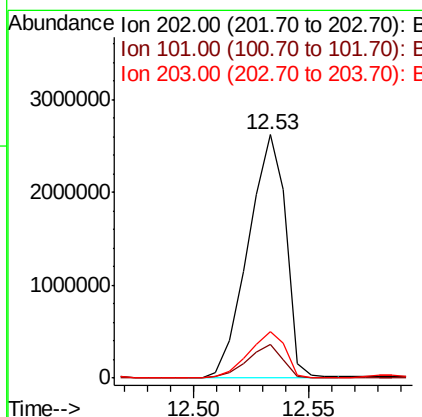
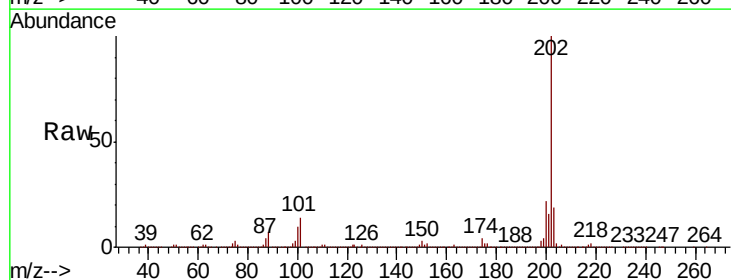
Instrument :
 BNA_F
 ClientSampleId :

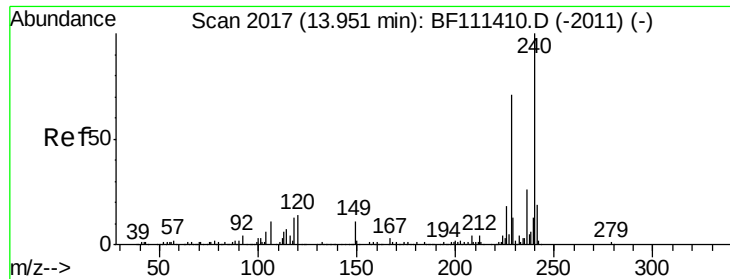
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.1	19.3	28.9
139	13.6	11.9	17.9



#75
 Fluoranthene
 Concen: 103.309 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.01 min
 Lab File: BF111421.D
 Acq: 14 Dec 2018 16:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.8
203	19.2	0.0	38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

Instrument :

BNA_F

ClientSampleId :

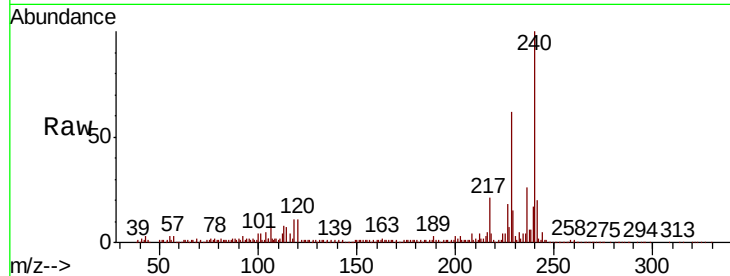
Tot Ion:240 Resp: 363176

Ion Ratio Lower Upper

240 100

120 11.2 12.2 18.2#

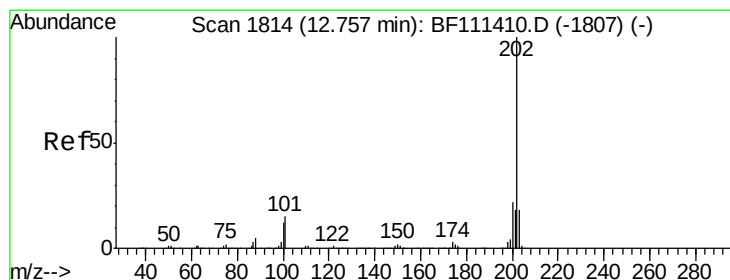
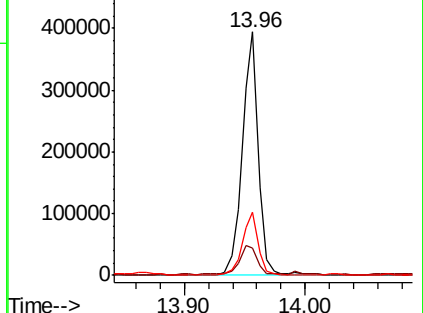
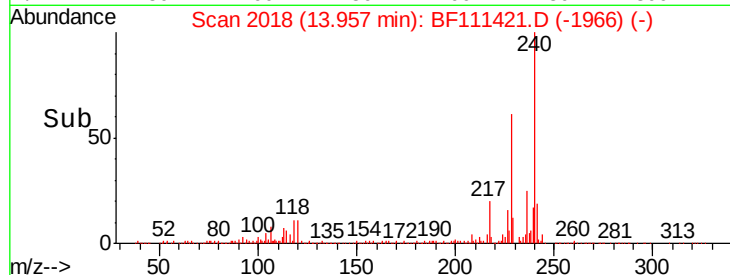
236 25.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 135.780 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

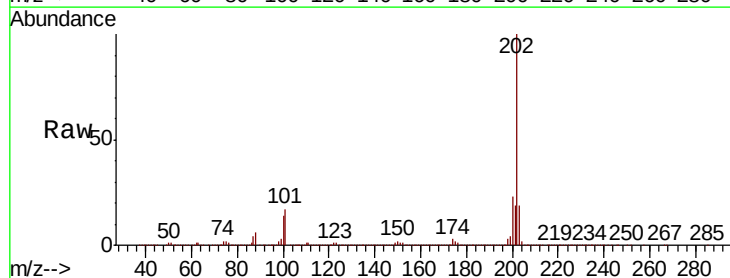
Tgt Ion:202 Resp: 3476678

Ion Ratio Lower Upper

202 100

200 23.1 19.0 28.4

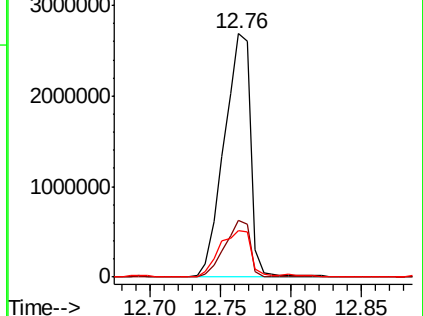
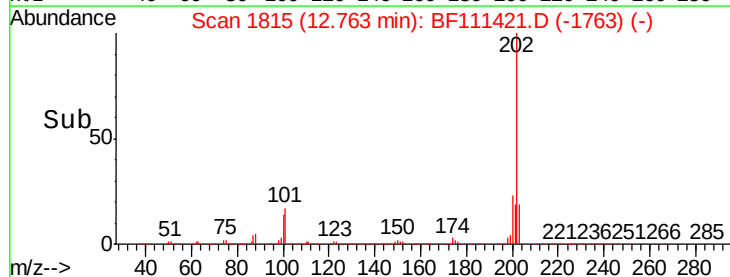
203 19.1 15.2 22.8

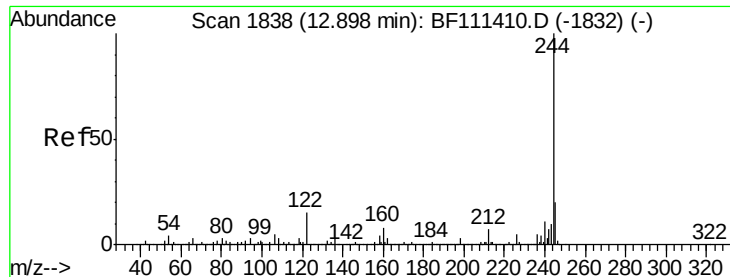


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.306 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

Instrument :

BNA_F

ClientSampleId :

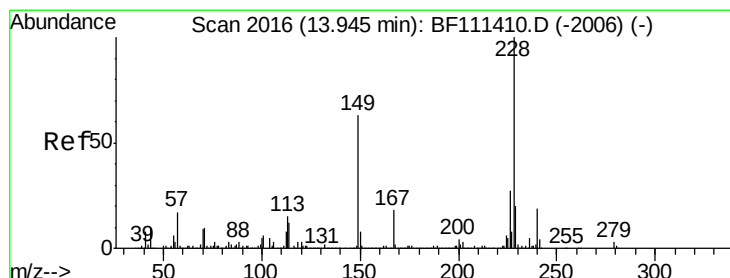
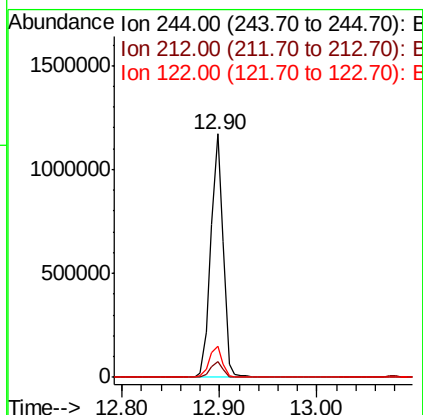
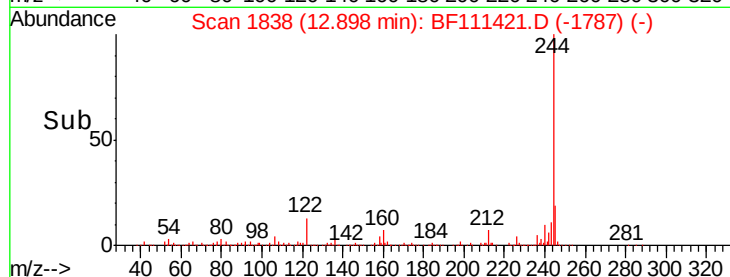
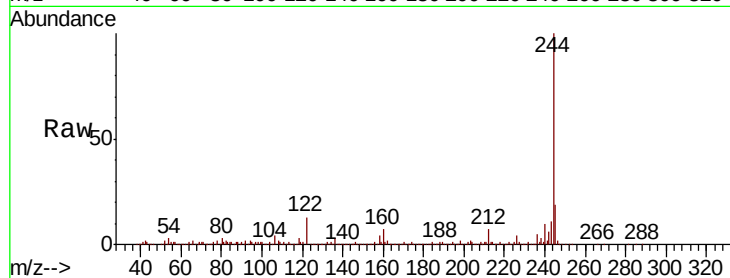
Tot Ion:244 Resp: 1025482

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 12.9 13.1 19.7#



#81

Benzo(a)anthracene

Concen: 76.786 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

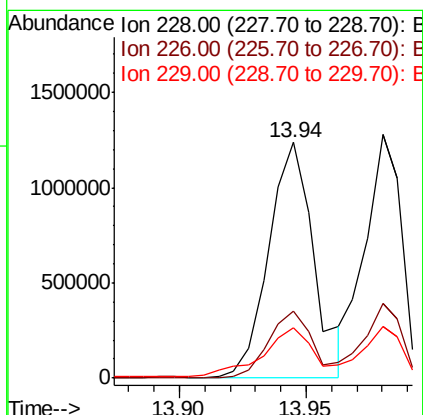
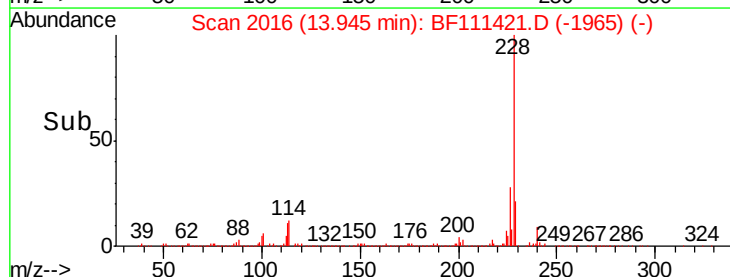
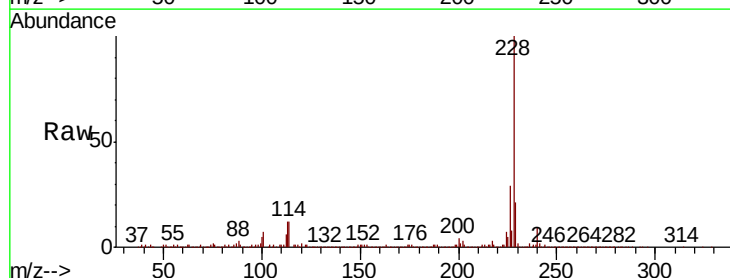
Tgt Ion:228 Resp: 1516320

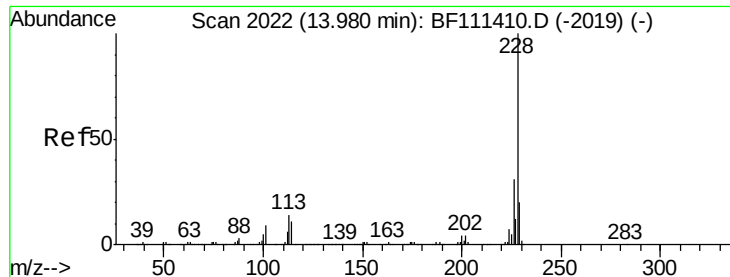
Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

229 21.1 16.3 24.5

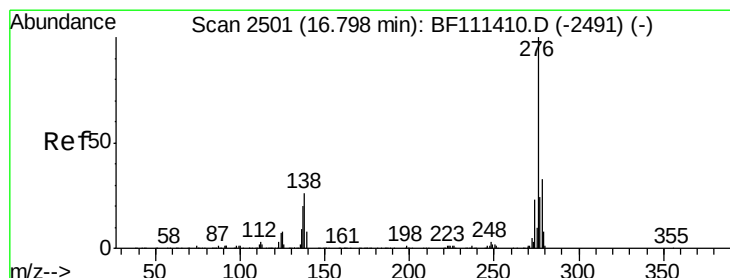
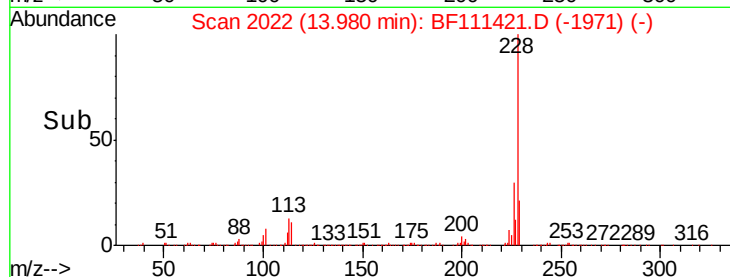
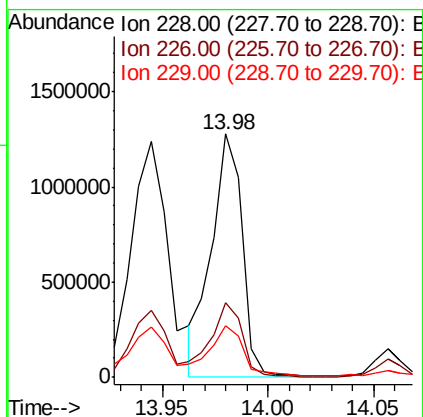
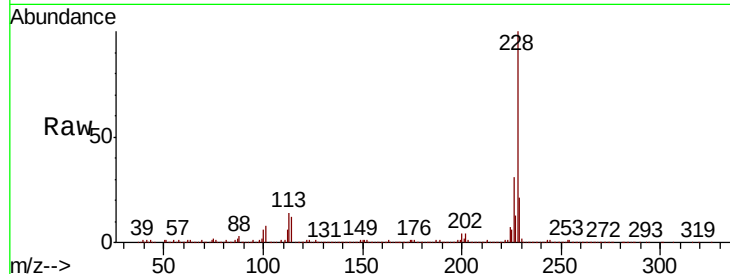




#83
Chrysene
Concen: 62.285 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

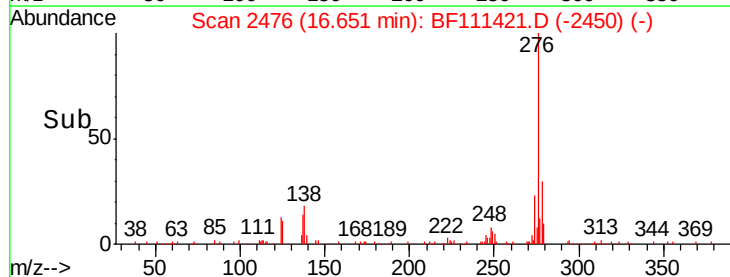
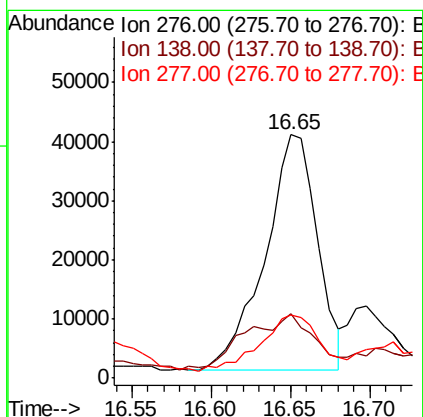
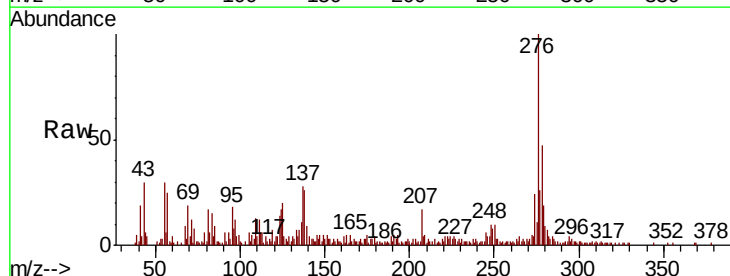
Instrument :
BNA_F
ClientSampleId :

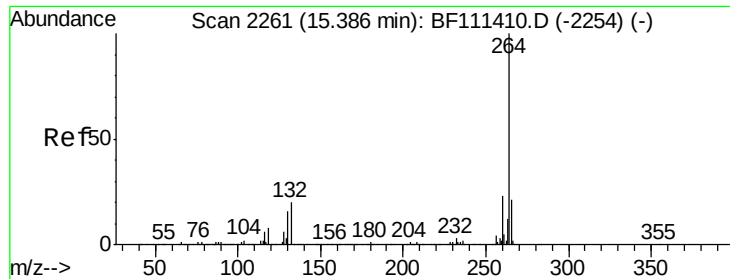
Tot Ion:228 Resp: 1295693
Ion Ratio Lower Upper
228 100
226 30.7 25.3 37.9
229 21.5 17.2 25.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.130 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.15 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Tgt Ion:276 Resp: 92030
Ion Ratio Lower Upper
276 100
138 31.6 27.8 41.6
277 27.1 20.1 30.1



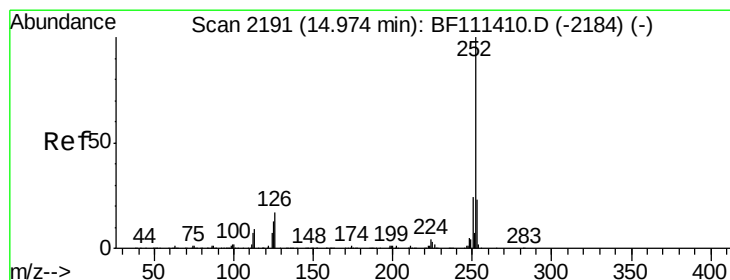
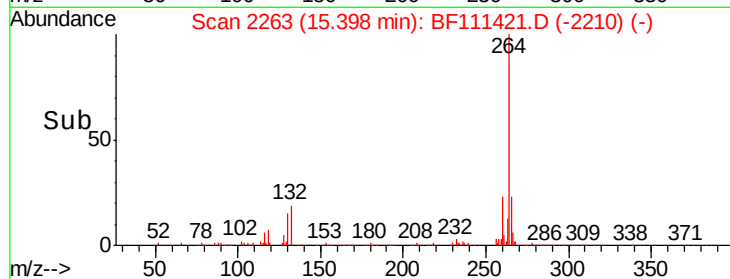
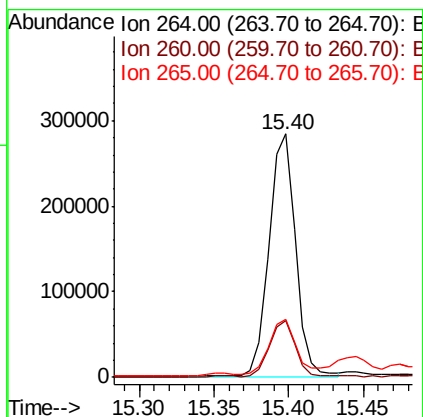
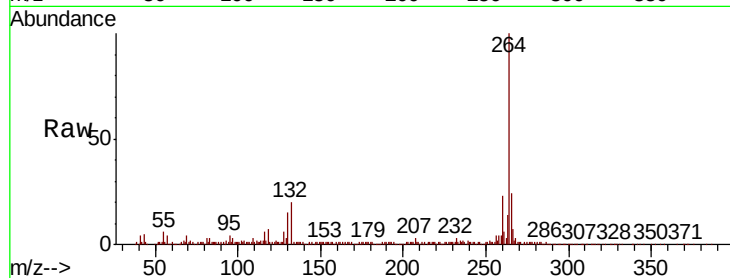


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 352751

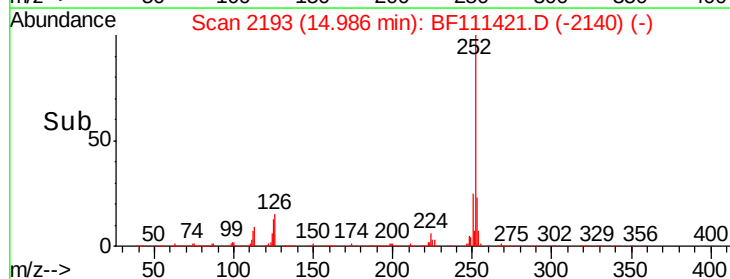
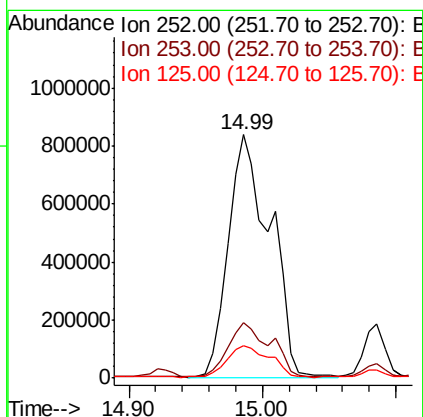
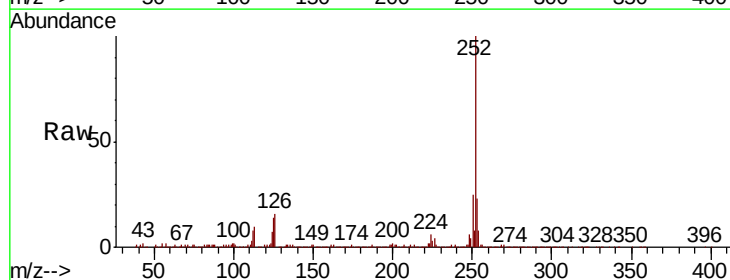
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	23.9	17.7	26.5

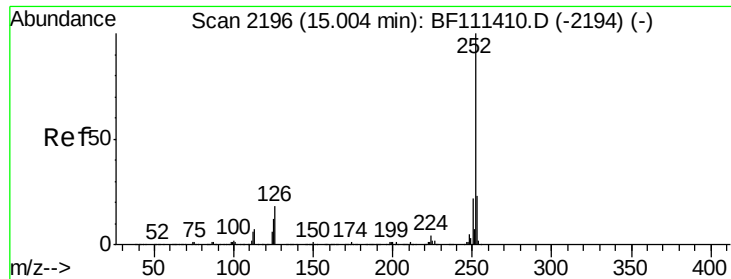


#88
Benzo(b)fluoranthene
Concen: 88.542 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Tgt Ion:252 Resp: 1820940

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	13.5	10.4	15.6

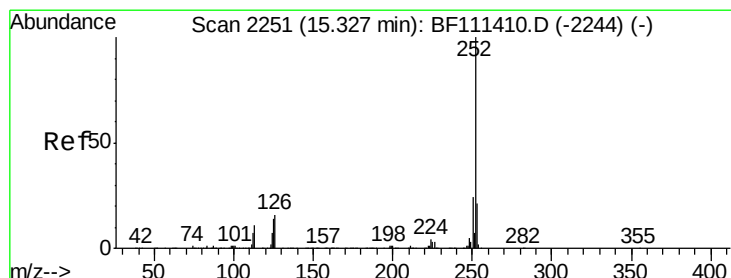
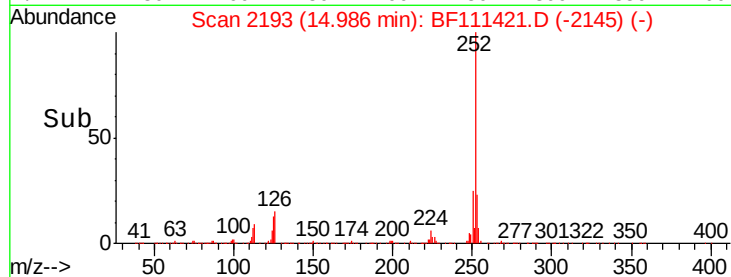
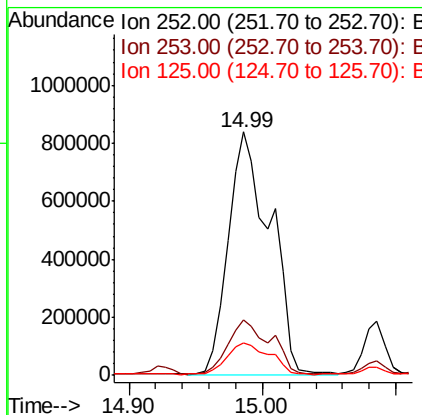
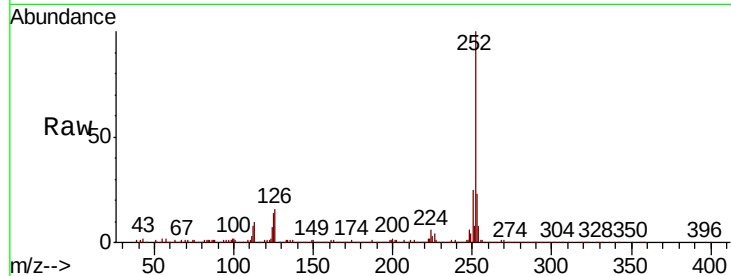




#89
Benzo(k)fluoranthene
Concen: 92.664 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

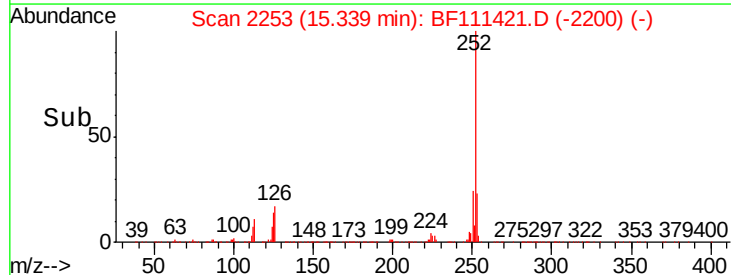
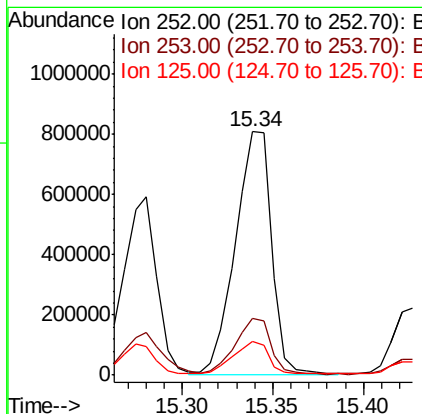
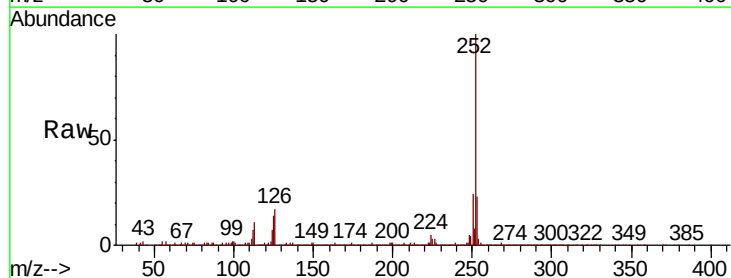
Instrument :
BNA_F
ClientSampleId :

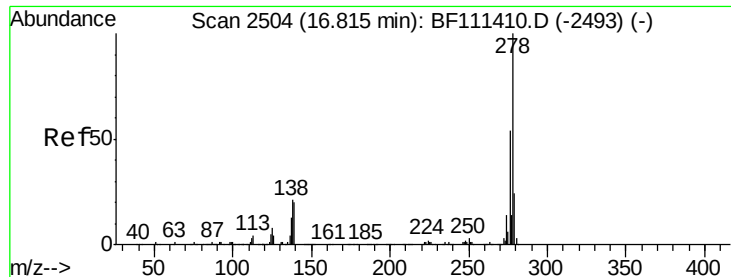
Tot Ion:252 Resp: 1820940
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 13.5 9.8 14.8



#90
Benzo(a)pyrene
Concen: 60.307 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111421.D
Acq: 14 Dec 2018 16:22

Tgt Ion:252 Resp: 1118425
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 13.9 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 8.472 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

Instrument :

BNA_F

ClientSampleId :

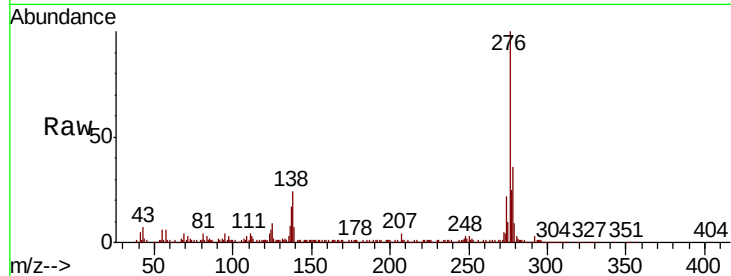
Tot Ion:278 Resp: 123935

Ion Ratio Lower Upper

278 100

139 20.0 18.2 27.4

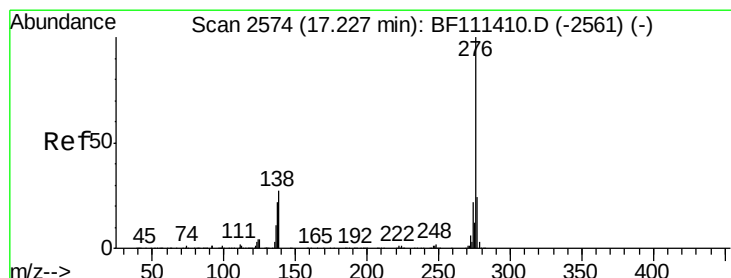
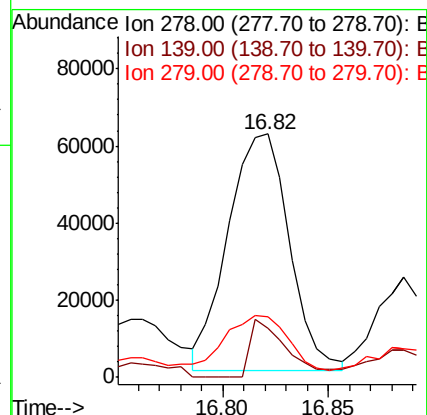
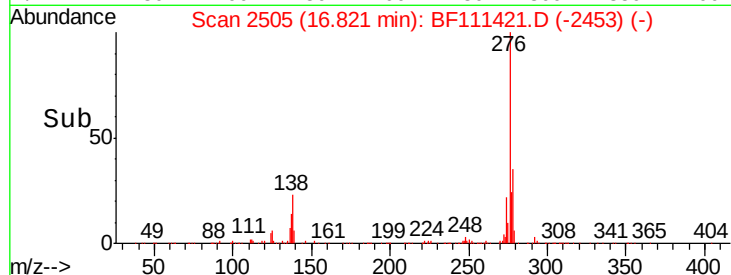
279 25.0 19.0 28.6



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: 33.778 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF111421.D

Acq: 14 Dec 2018 16:22

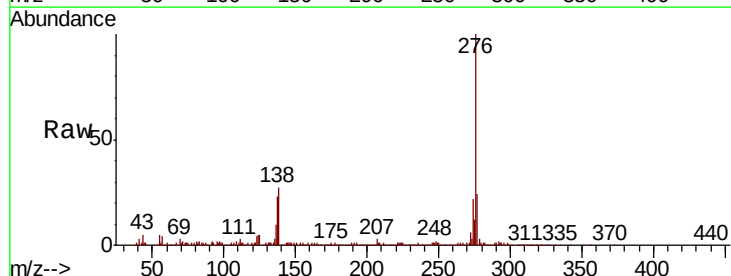
Tgt Ion:276 Resp: 485051

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 26.7 24.9 37.3



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

