

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114916.D
 Acq On : 8 Jun 2019 3:11
 Operator : HP/JU
 Sample : K3250-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHIMNEY-1

Quant Time: Jun 08 05:21:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	306576	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1133327	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	506049	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	809721	20.00	ng	0.00
76) Chrysene-d12	13.79	240	588442	20.00	ng	0.00
87) Perylene-d12	15.17	264	438696	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1000008	57.00	ng	0.01
7) Phenol-d6	6.30	99	1217291	57.02	ng	0.00
23) Nitrobenzene-d5	7.22	82	700096	38.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	256678	47.07	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1337926	49.53	ng	-0.01
79) Terphenyl-d14	12.75	244	1082123	35.76	ng	0.00

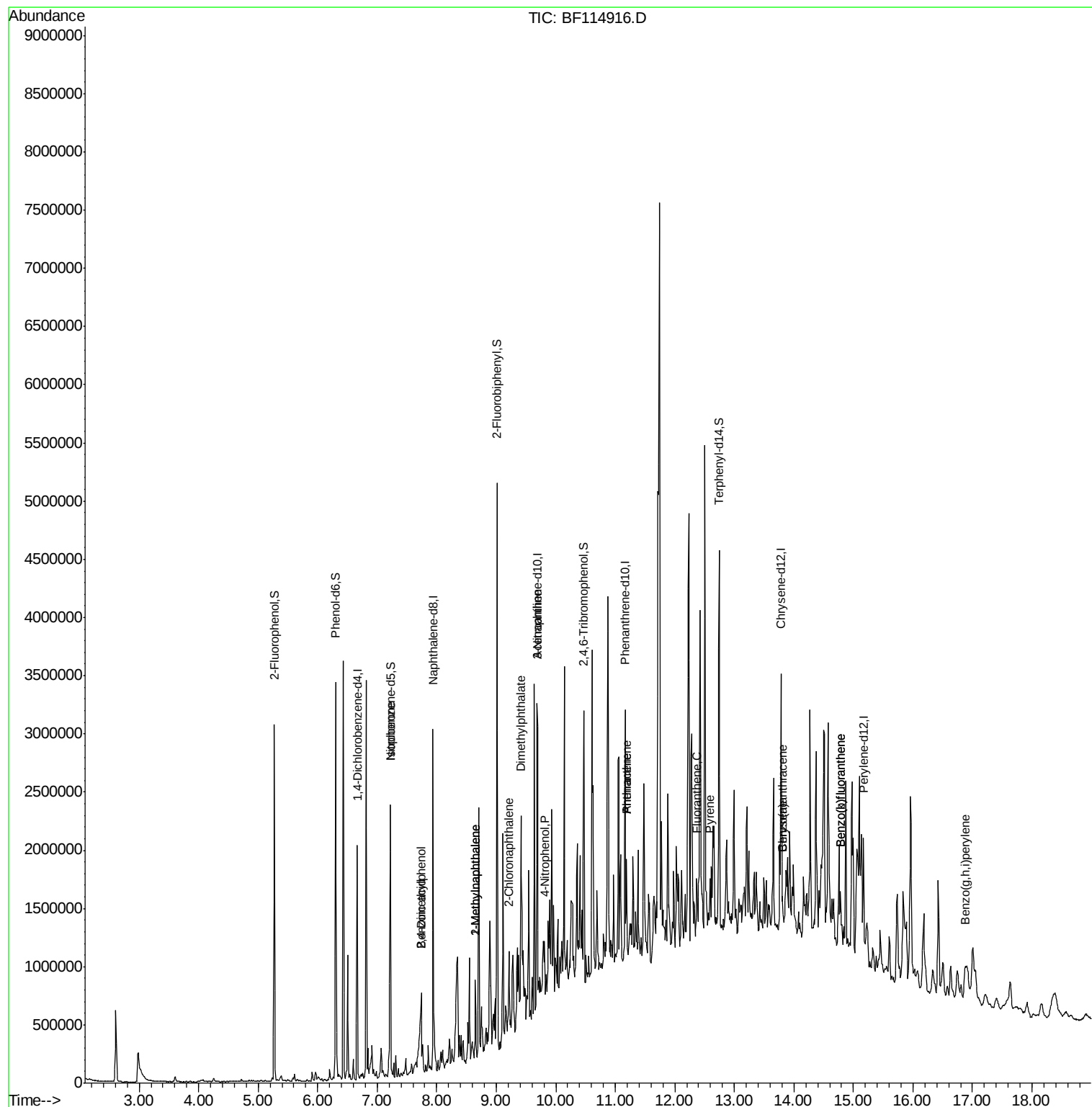
Target Compounds				Qvalue		
25) Isophorone	7.22	82	695375	19.105	ng	# 61
27) 2,4-Dimethylphenol	7.73	122	211646	13.480	ng	# 8
32) Benzoic acid	7.73	122	211646	18.508	ng	98
37) 2-Methylnaphthalene	8.65	142	131943	3.728	ng	98
38) 1-Methylnaphthalene	8.65	142	131943	3.931	ng	99
47) 2-Chloronaphthalene	9.22	162	67729	2.125	ng	# 42
50) Dimethylphthalate	9.41	163	84976	2.299	ng	98
53) 3-Nitroaniline	9.69	138	55579	5.474	ng	# 16
56) 4-Nitrophenol	9.82	139	98842	13.284	ng	94
58) Fluorene	10.23	166	22948	Below Cal		# 81
71) Phenanthrene	11.19	178	293746	7.599	ng	99
72) Anthracene	11.19	178	293746	7.221	ng	99
75) Fluoranthene	12.37	202	160829	3.997	ng	95
78) Pyrene	12.60	202	146466	2.869	ng	97
81) Benzo(a)anthracene	13.81	228	95697	2.110	ng	92
83) Chrysene	13.81	228	95697	2.169	ng	95
88) Benzo(b)fluoranthene	14.79	252	110565	3.959	ng	# 86
89) Benzo(k)fluoranthene	14.79	252	110663	4.666	ng	# 87
92) Benzo(g,h,i)perylene	16.87	276	46502	2.020	ng	# 90

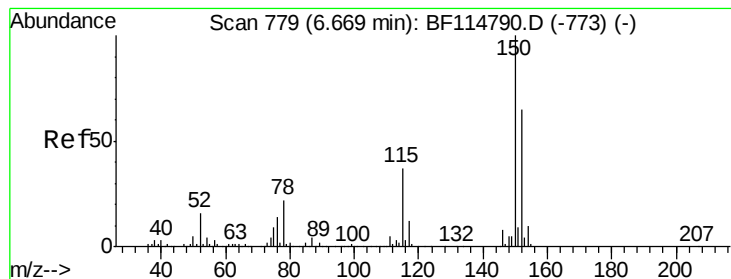
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
Data File : BF114916.D
Acq On : 8 Jun 2019 3:11
Operator : HP/JU
Sample : K3250-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Quant Time: Jun 08 05:21:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

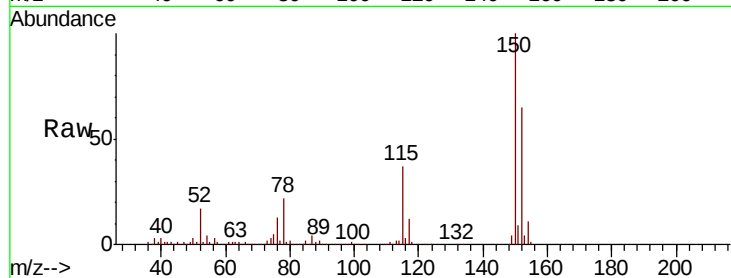




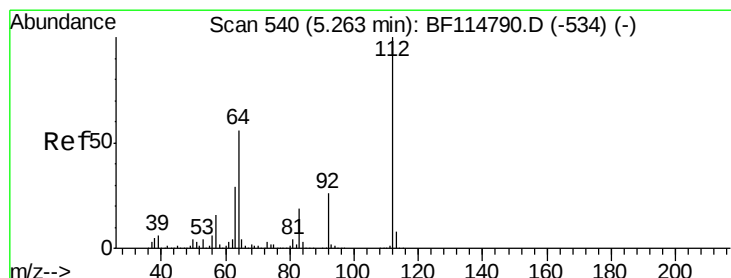
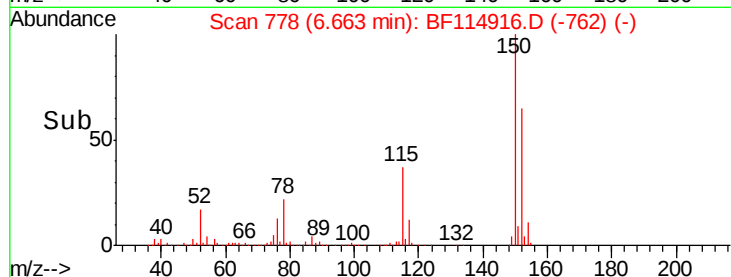
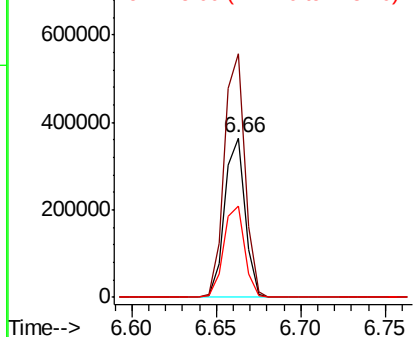
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF114916.D
 Acq: 8 Jun 2019 3:11

Instrument :
 BNA_F
 ClientSampleId :
 CHIMNEY-1

Tgt Ion:152 Resp: 306576
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.0 186.0
 115 57.1 46.3 69.5

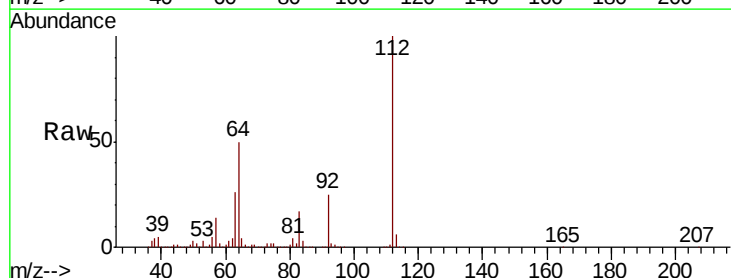


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

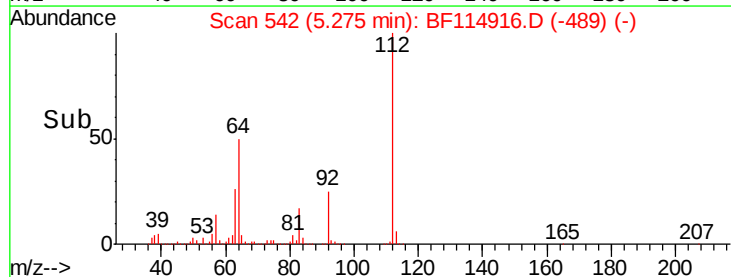
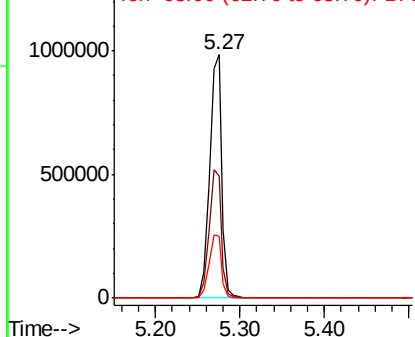


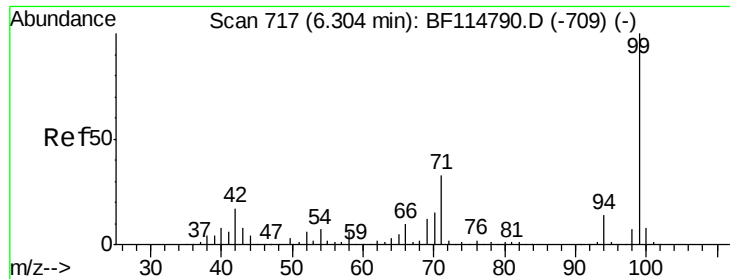
#5
 2-Fluorophenol
 Concen: 56.996 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: BF114916.D
 Acq: 8 Jun 2019 3:11

Tgt Ion:112 Resp: 1000008
 Ion Ratio Lower Upper
 112 100
 64 50.3 44.6 66.8
 63 25.5 23.0 34.4



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: 57.019 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

Instrument :

BNA_F

ClientSampleId :

CHIMNEY-1

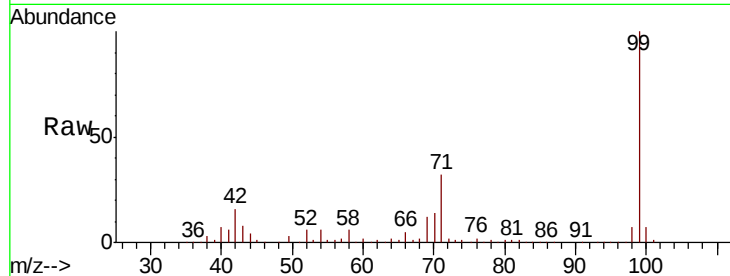
Tgt Ion: 99 Resp: 1217291

Ion Ratio Lower Upper

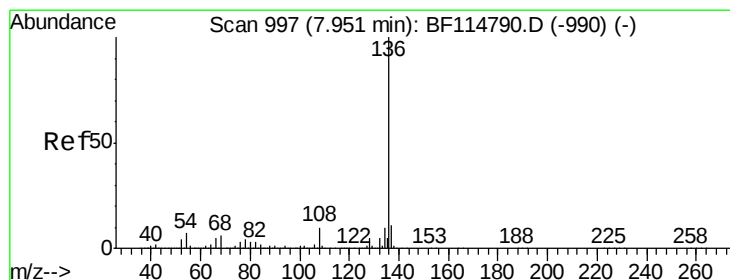
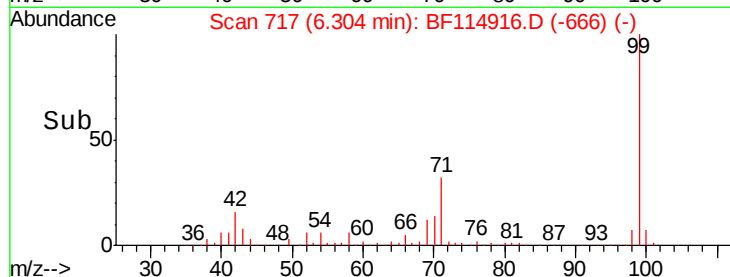
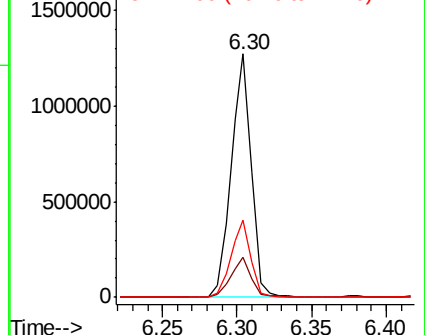
99 100

42 16.3 13.3 19.9

71 32.0 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

Tgt Ion: 136 Resp: 1133327

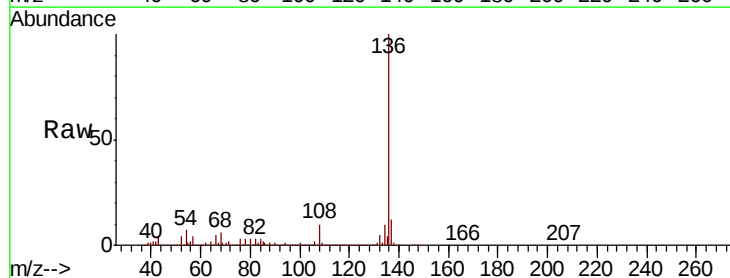
Ion Ratio Lower Upper

136 100

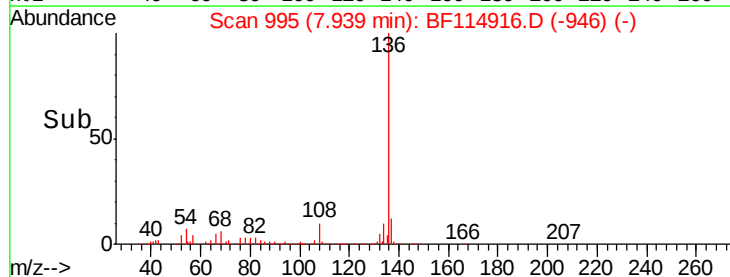
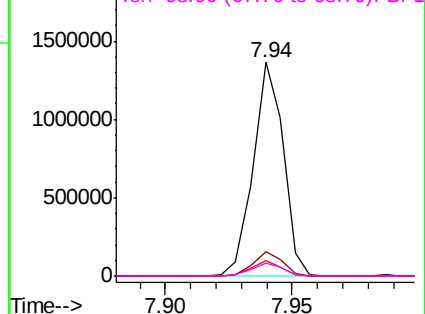
137 11.6 9.1 13.7

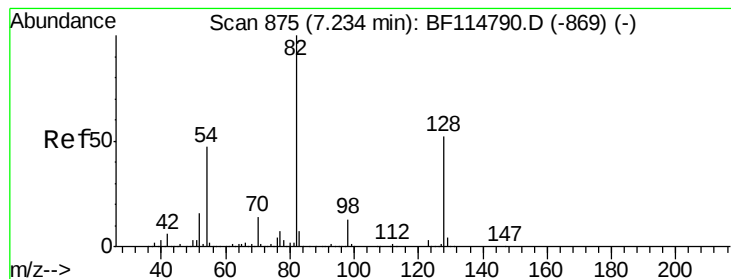
54 7.5 5.4 8.0

68 6.3 4.6 6.8



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: 38.027 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

Instrument :

BNA_F

ClientSampleId :

CHIMNEY-1

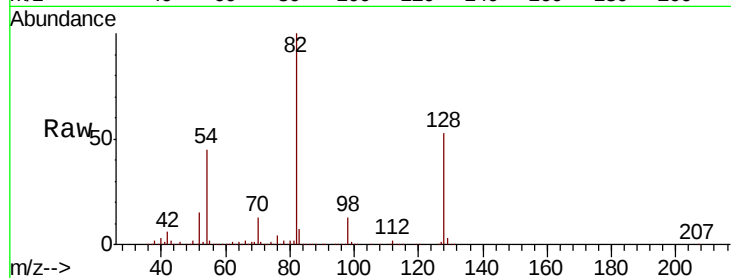
Tgt Ion: 82 Resp: 700096

Ion Ratio Lower Upper

82 100

128 53.1 41.8 62.6

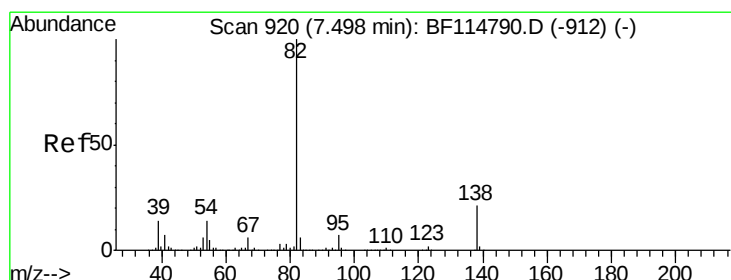
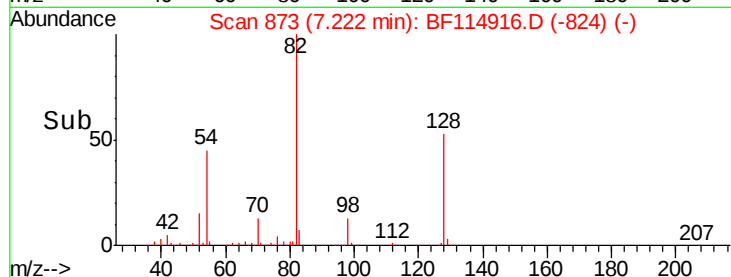
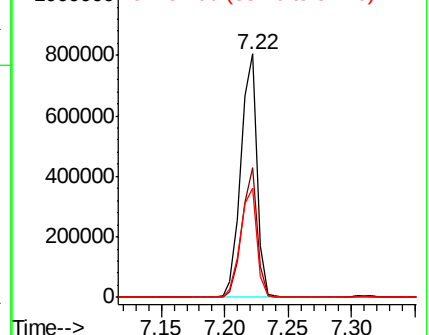
54 44.7 37.9 56.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 19.105 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

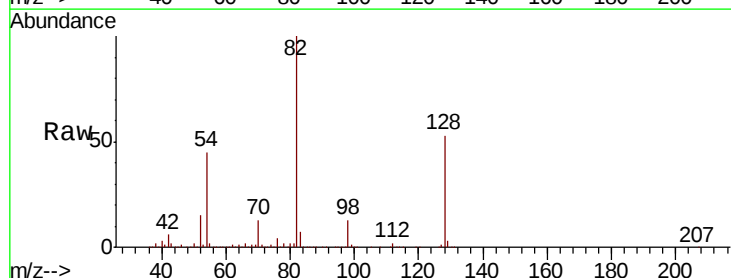
Tgt Ion: 82 Resp: 695375

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.8#

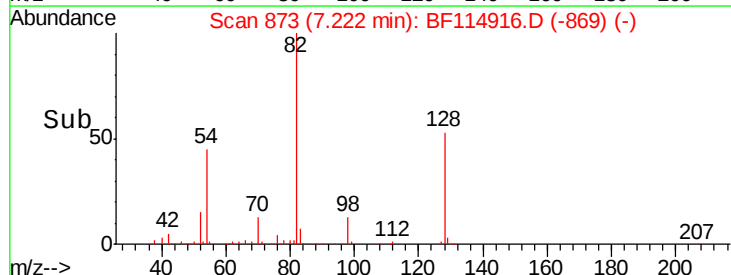
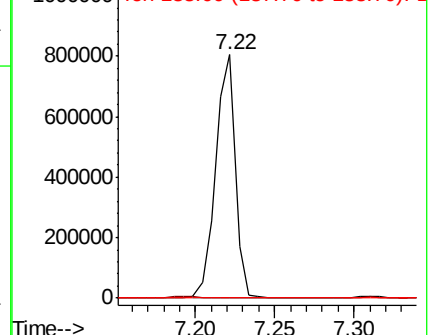
138 0.0 16.9 25.3#

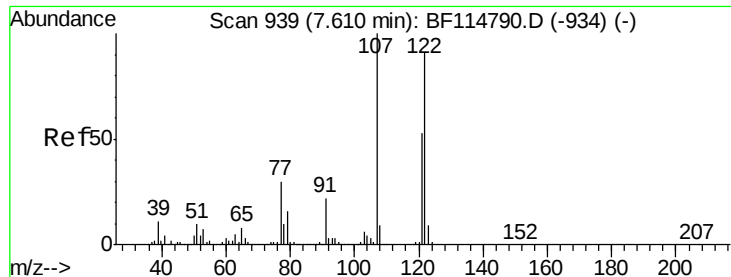


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#27

2,4-Dimethylphenol

Concen: 13.480 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.12 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

Instrument :

BNA_F

ClientSampleId :

CHIMNEY-1

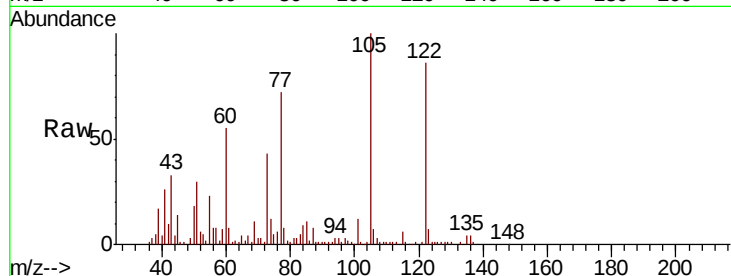
Tgt Ion:122 Resp: 211646

Ion Ratio Lower Upper

122 100

107 3.1 87.9 131.9#

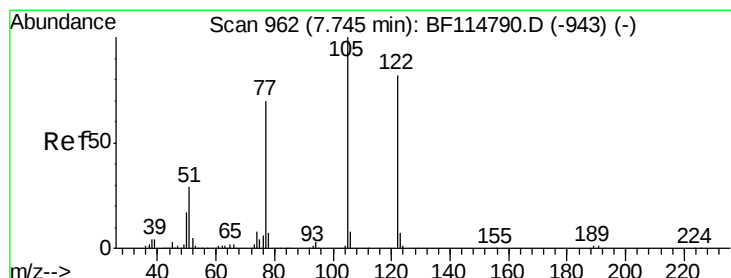
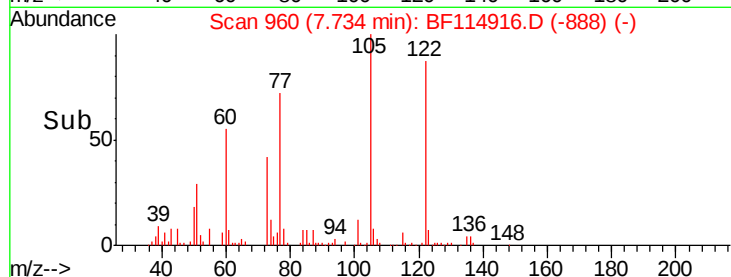
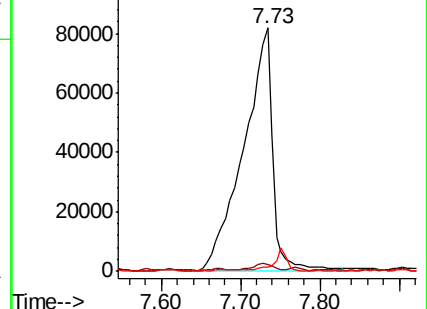
121 1.6 46.4 69.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 18.508 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

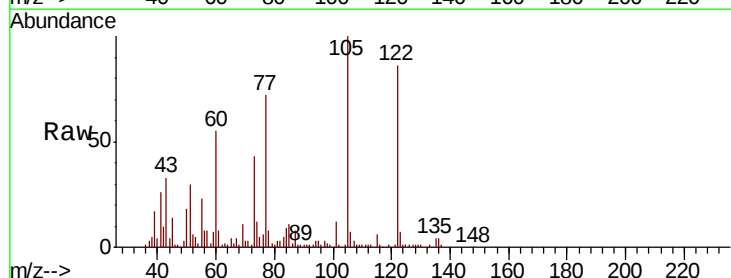
Tgt Ion:122 Resp: 211646

Ion Ratio Lower Upper

122 100

105 116.0 98.7 138.7

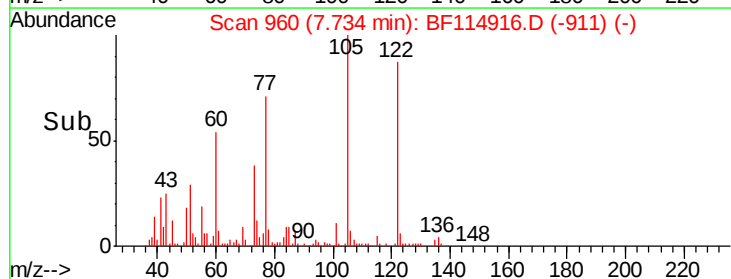
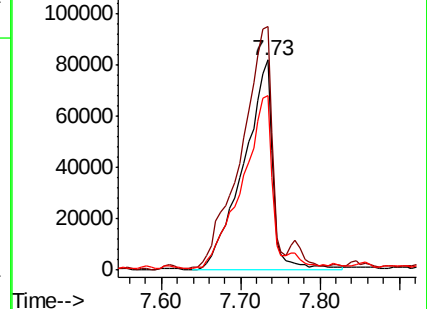
77 83.4 64.8 104.8

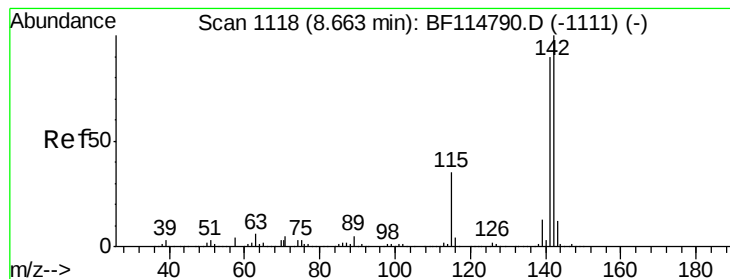


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

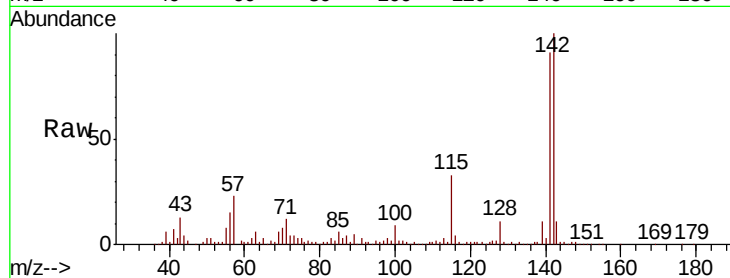




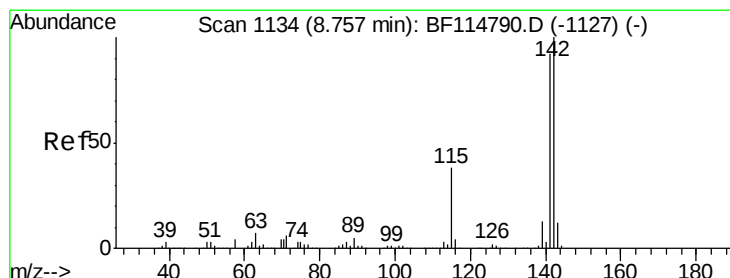
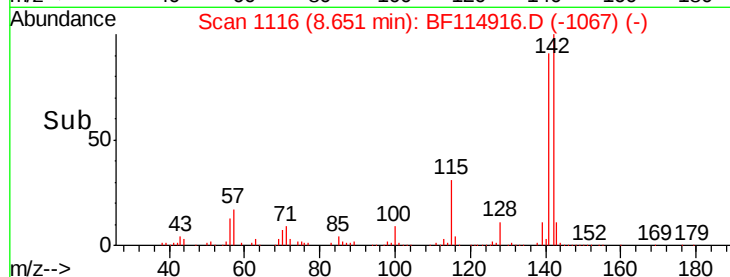
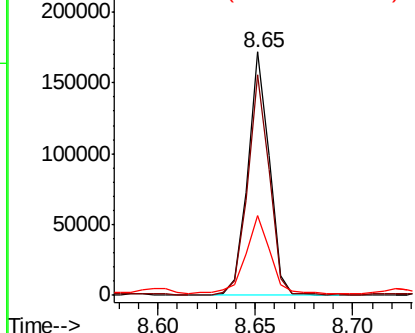
#37
 2-Methylnaphthalene
 Concen: 3.728 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF114916.D
 Acq: 8 Jun 2019 3:11

Instrument :
 BNA_F
 ClientSampleId :
 CHIMNEY-1

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4
115	32.9	28.2	42.4

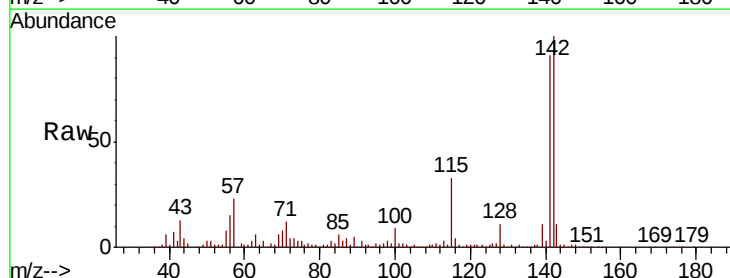


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

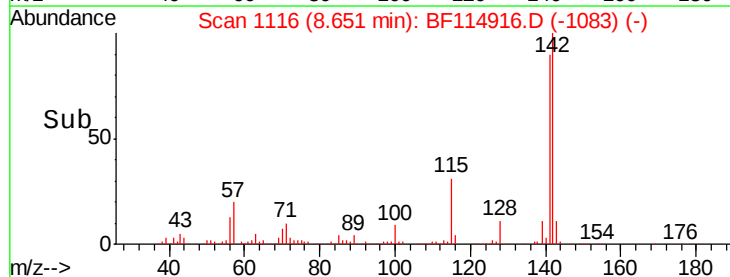
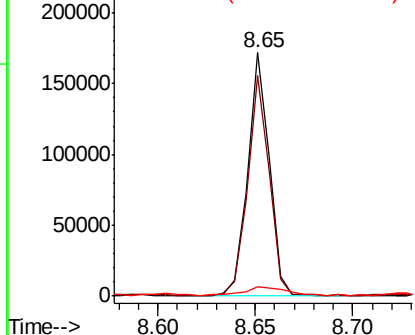


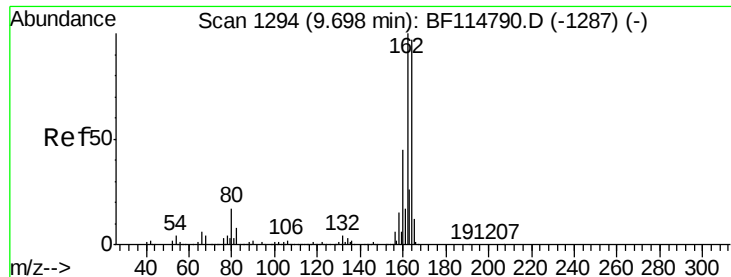
#38
 1-Methylnaphthalene
 Concen: 3.931 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.11 min
 Lab File: BF114916.D
 Acq: 8 Jun 2019 3:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.8	110.6
116	4.1	3.3	4.9



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

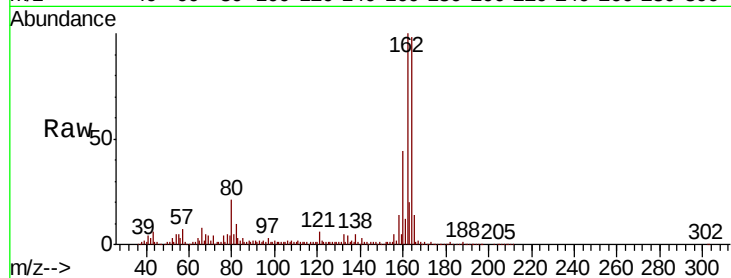




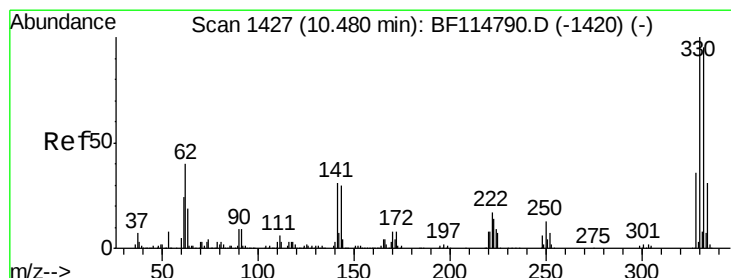
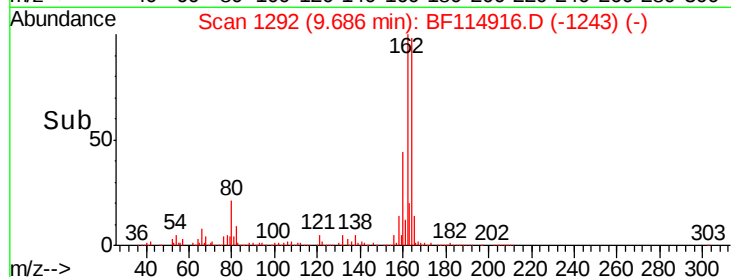
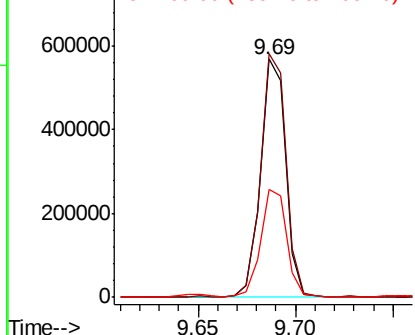
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.3	123.5
160	45.4	36.7	55.1

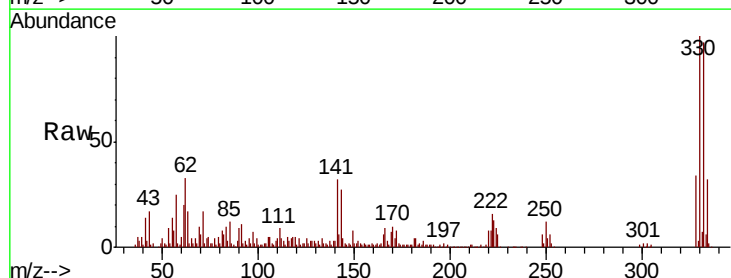


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

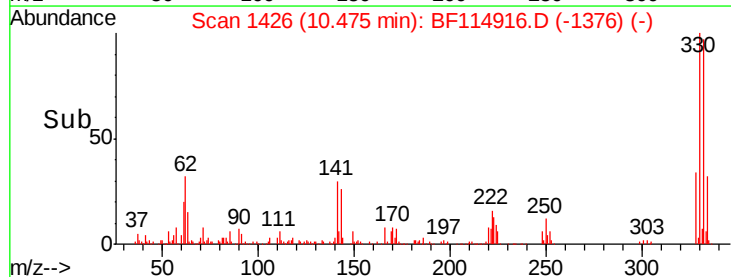
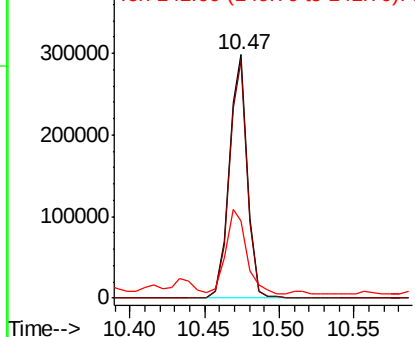


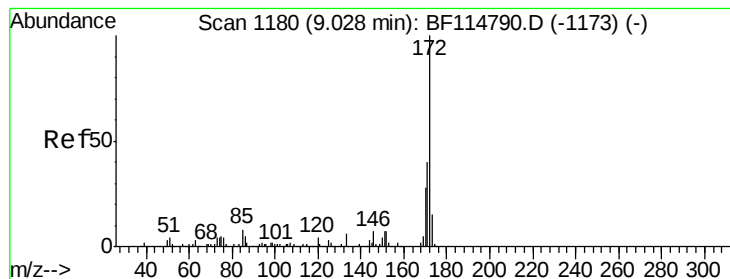
#42
2,4,6-Tribromophenol
Concen: 47.067 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	39.5	26.2	39.4#



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: 49.527 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

Instrument :

BNA_F

ClientSampleId :

CHIMNEY-1

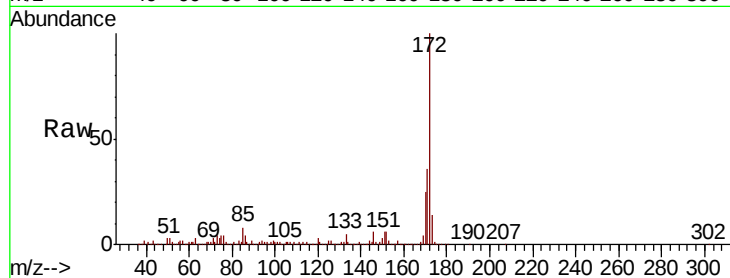
Tgt Ion:172 Resp: 1337926

Ion Ratio Lower Upper

172 100

171 35.9 32.3 48.5

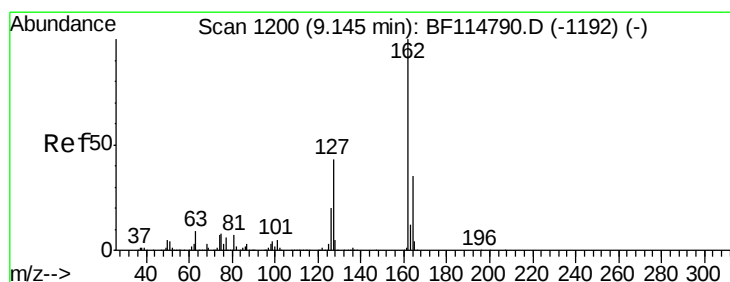
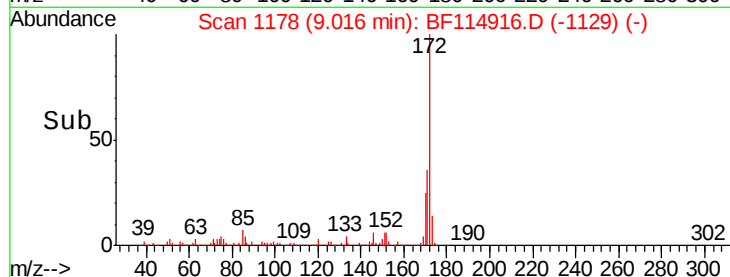
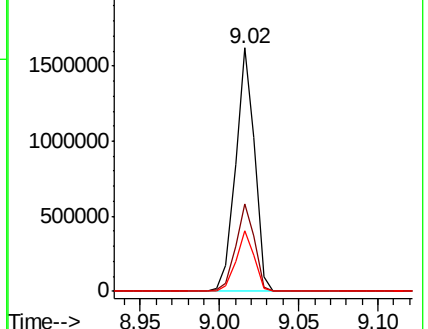
170 24.6 22.4 33.6



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



#47

2-Chloronaphthalene

Concen: 2.125 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.07 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

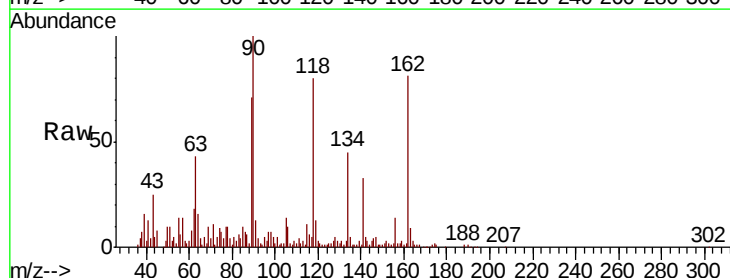
Tgt Ion:162 Resp: 67729

Ion Ratio Lower Upper

162 100

127 3.7 34.6 51.8#

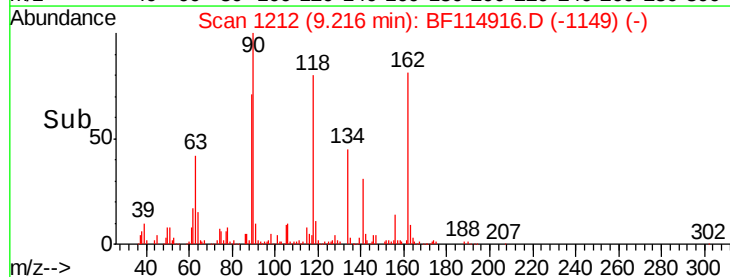
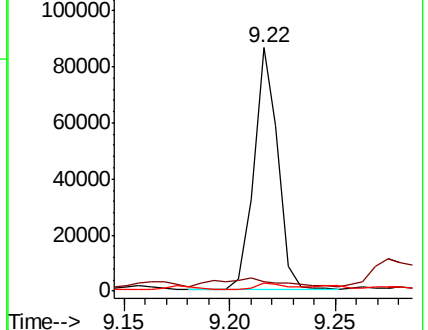
164 3.2 27.8 41.8#

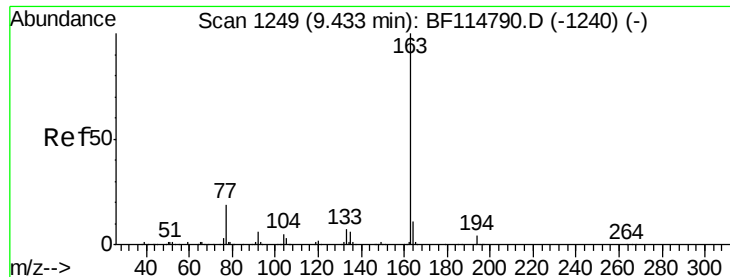


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

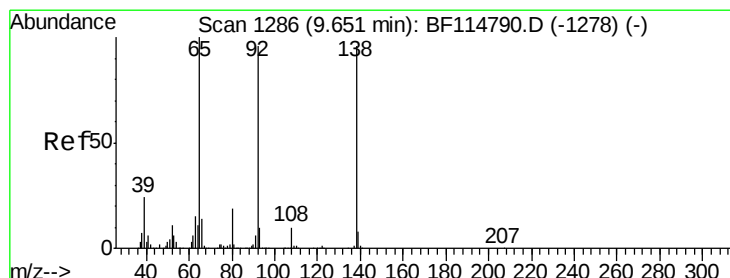
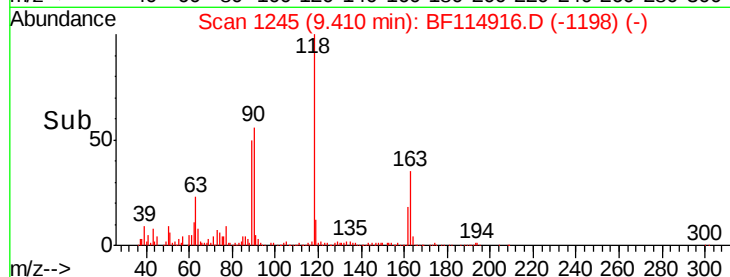
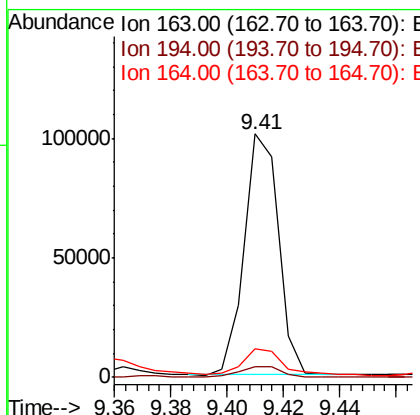
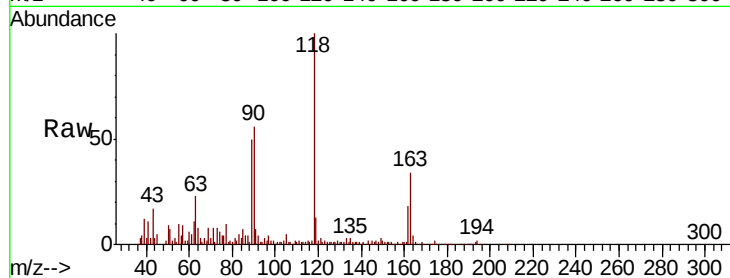




#50
Dimethylphthalate
Concen: 2.299 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

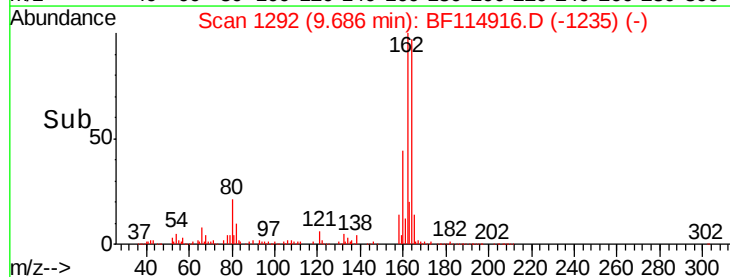
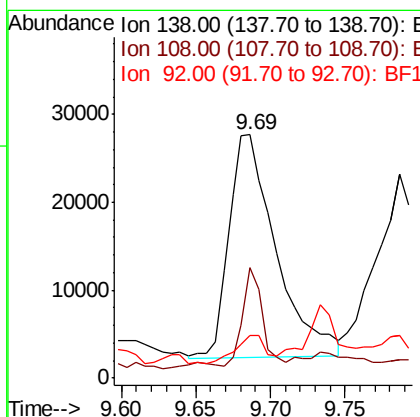
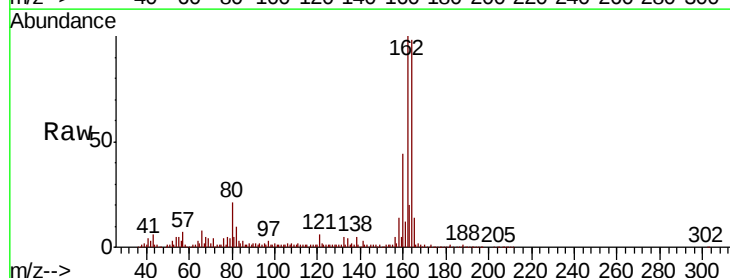
Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

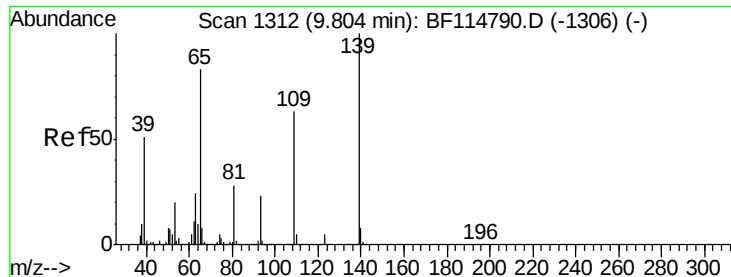
Tgt Ion:163 Resp: 84976
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 11.8 8.6 13.0



#53
3-Nitroaniline
Concen: 5.474 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.04 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:138 Resp: 55579
Ion Ratio Lower Upper
138 100
108 45.4 7.9 11.9#
92 17.5 79.9 119.9#

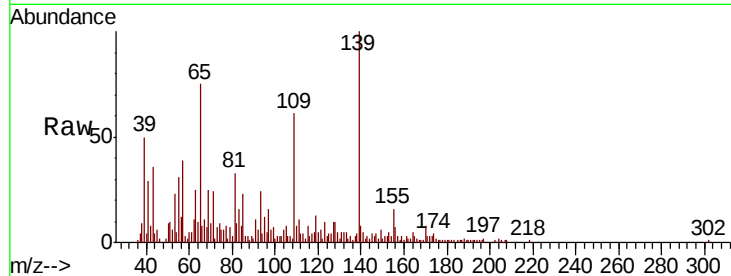




#56
4-Nitrophenol
Concen: 13.284 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.9	43.5	83.5
65	75.2	63.2	103.2

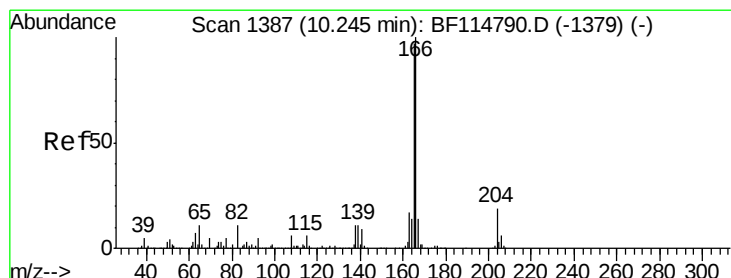
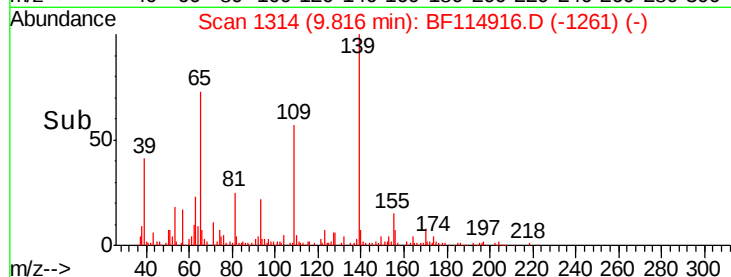
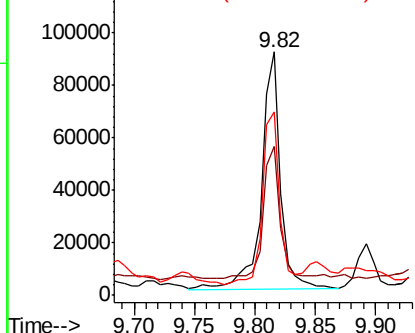


Abundance

Ion 139.00 (138.70 to 139.70): E

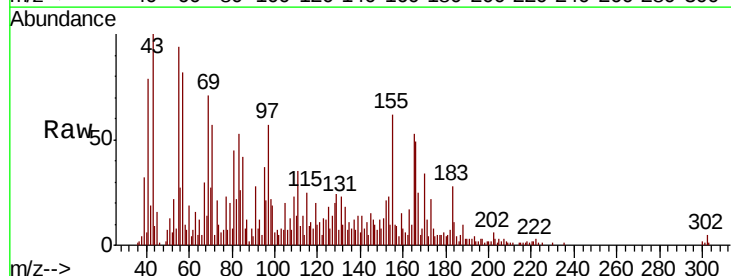
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#58
Fluorene
Concen: Below Cal
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.3	77.9	116.9
167	50.5	11.3	16.9#

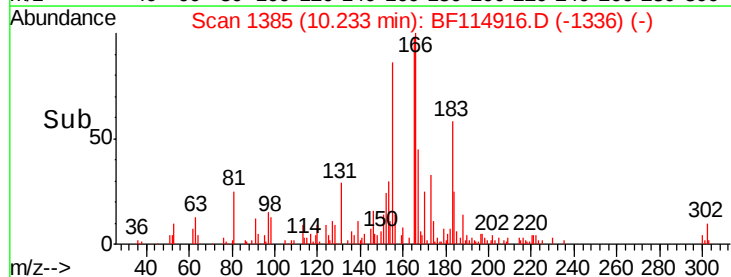
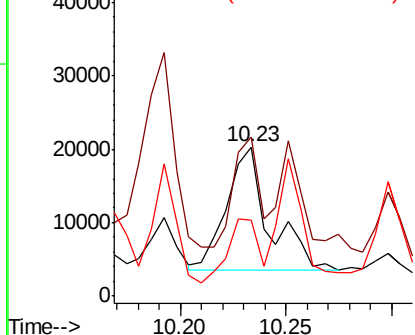


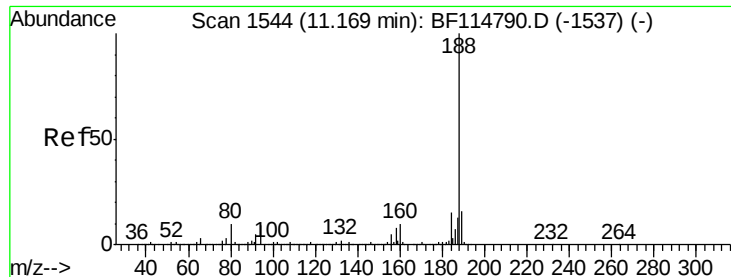
Abundance

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

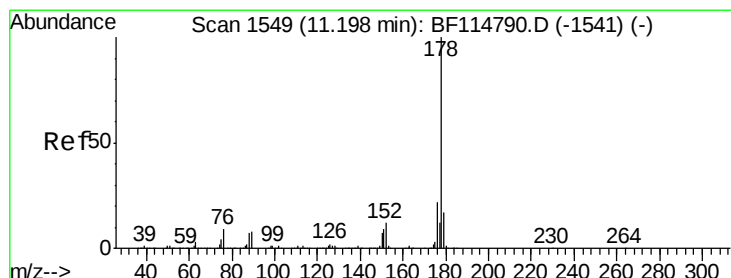
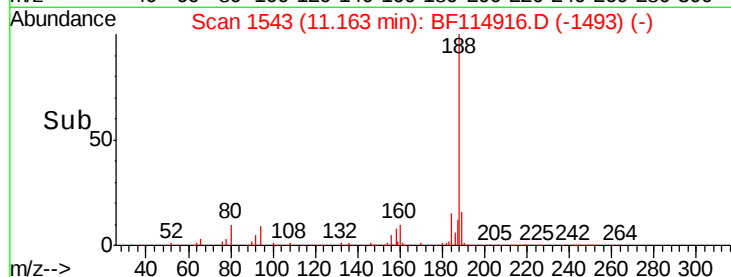
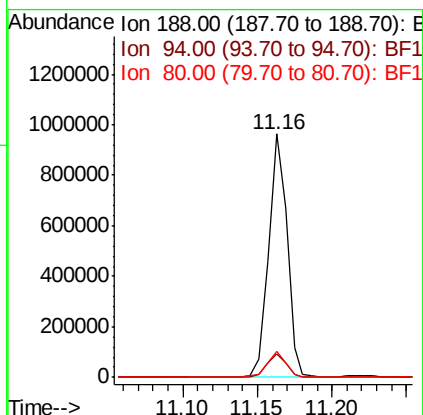
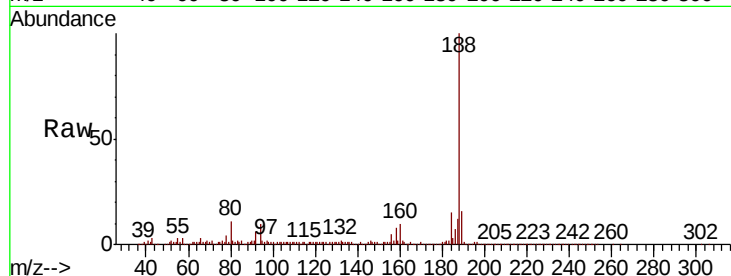




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

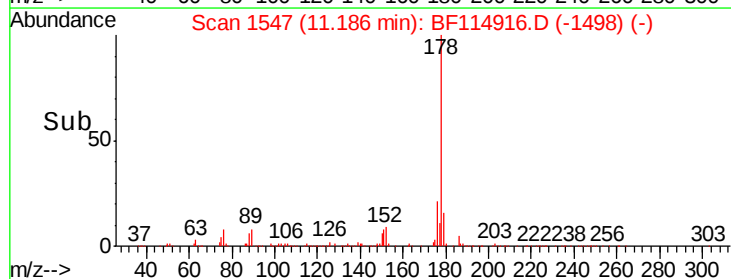
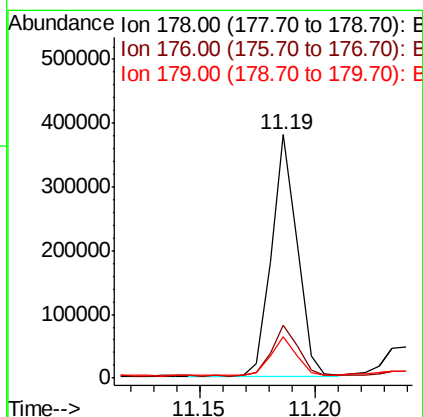
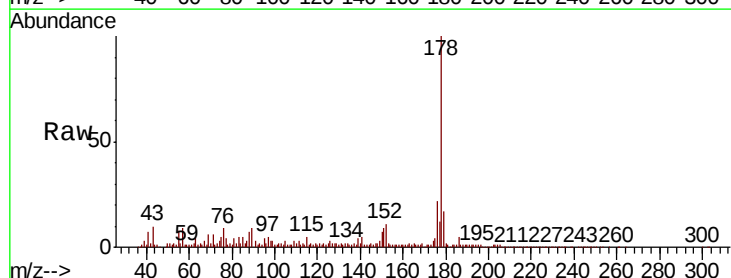
Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

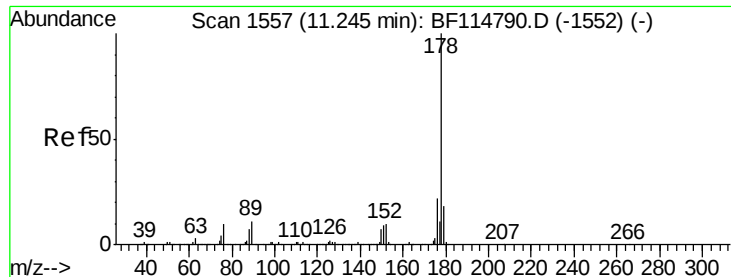
Tgt Ion:188 Resp: 809721
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.5 8.3 12.5



#71
Phenanthrene
Concen: 7.599 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:178 Resp: 293746
Ion Ratio Lower Upper
178 100
176 21.8 17.7 26.5
179 17.0 13.7 20.5





#72

Anthracene

Concen: 7.221 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.06 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

Instrument :

BNA_F

ClientSampleId :

CHIMNEY-1

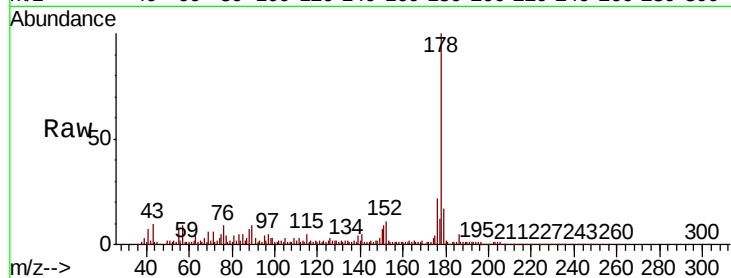
Tgt Ion:178 Resp: 293746

Ion Ratio Lower Upper

178 100

176 21.8 17.4 26.0

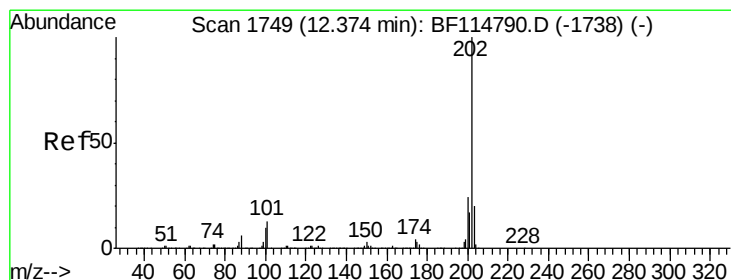
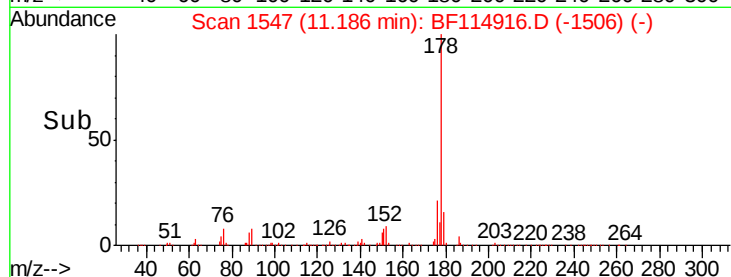
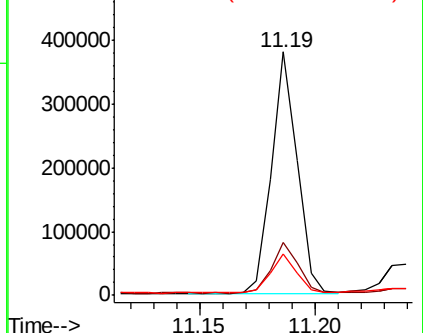
179 17.0 14.2 21.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.997 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

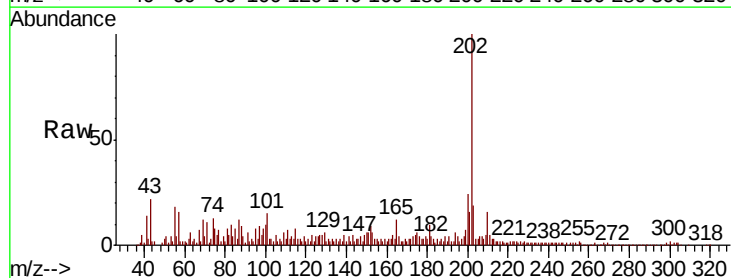
Tgt Ion:202 Resp: 160829

Ion Ratio Lower Upper

202 100

101 15.2 0.0 32.8

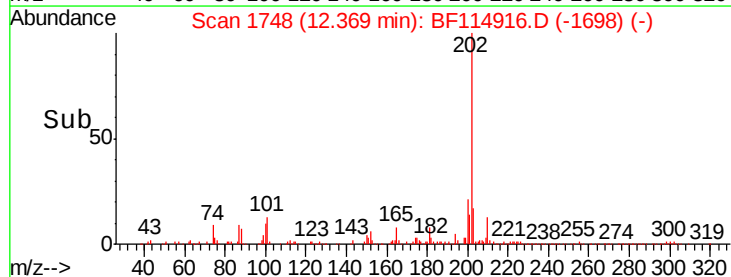
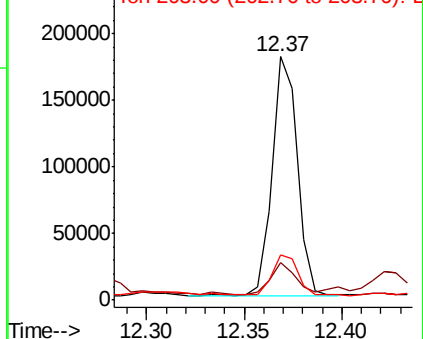
203 18.6 0.2 40.2

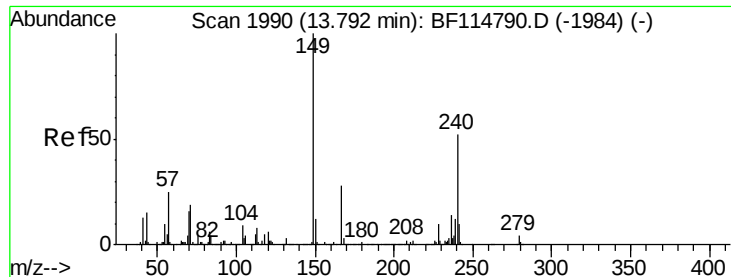


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

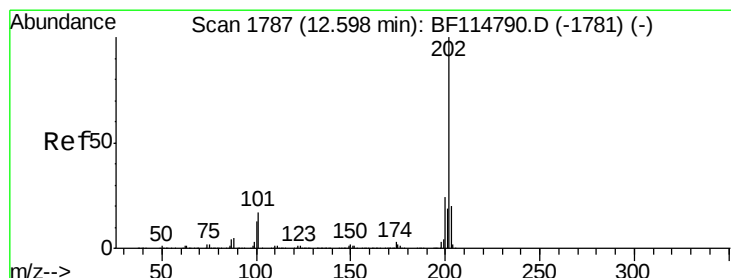
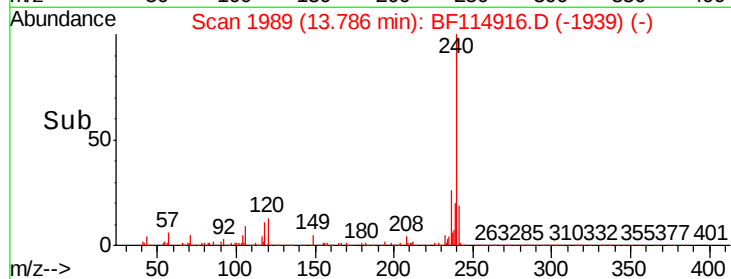
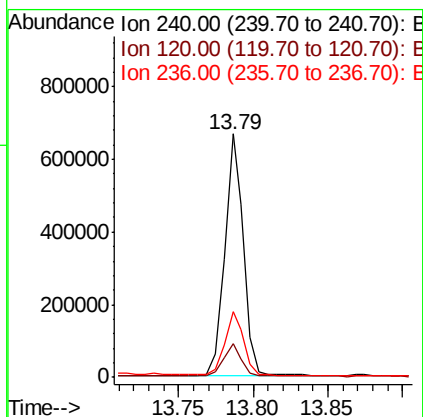
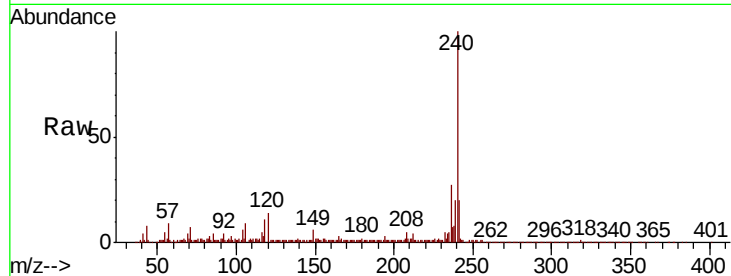




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

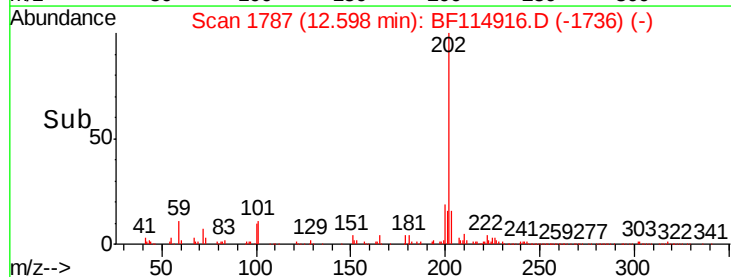
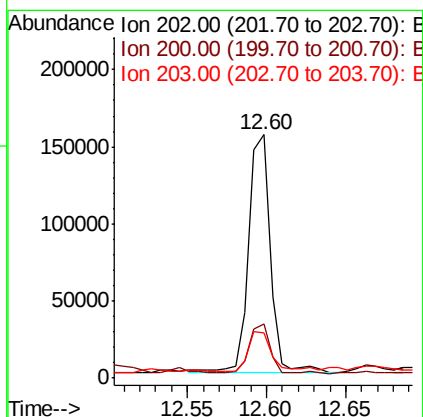
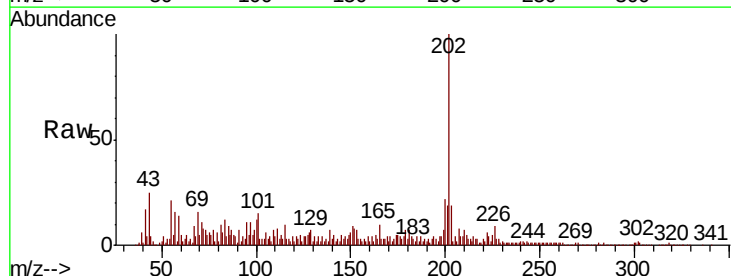
Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

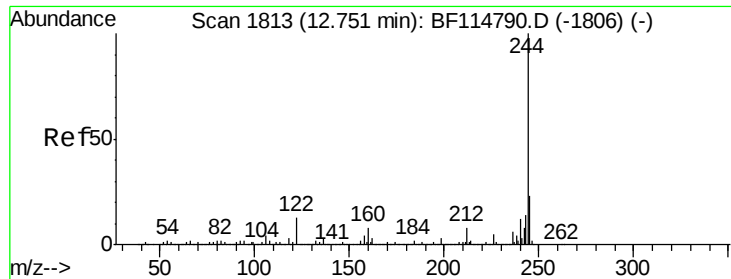
Tgt Ion:240 Resp: 588442
Ion Ratio Lower Upper
240 100
120 13.8 9.0 13.4#
236 27.1 21.4 32.0



#78
Pyrene
Concen: 2.869 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:202 Resp: 146466
Ion Ratio Lower Upper
202 100
200 22.5 19.2 28.8
203 18.6 15.9 23.9





#79

Terphenyl-d14

Concen: 35.763 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

Instrument :

BNA_F

ClientSampleId :

CHIMNEY-1

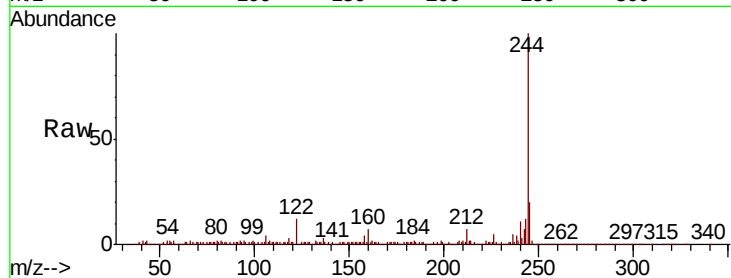
Tgt Ion:244 Resp: 1082123

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

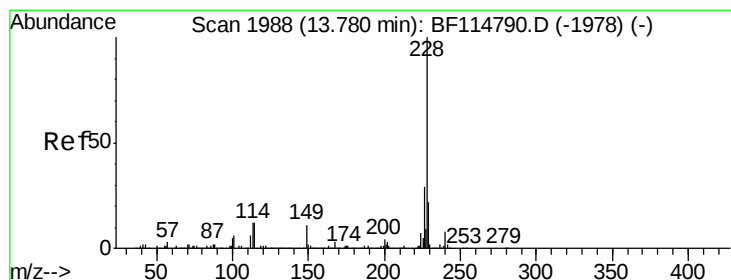
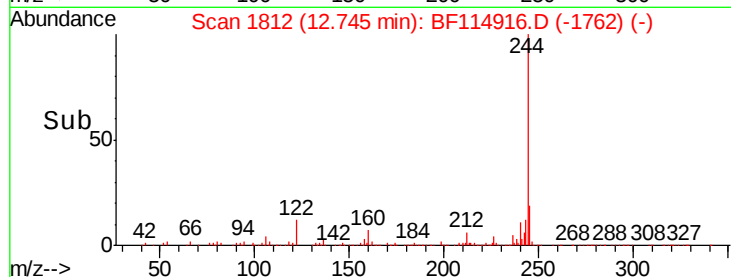
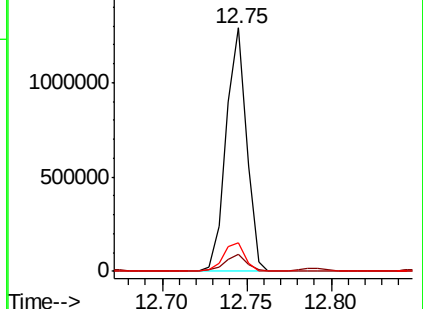
122 12.0 10.5 15.7



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: 2.110 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.03 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

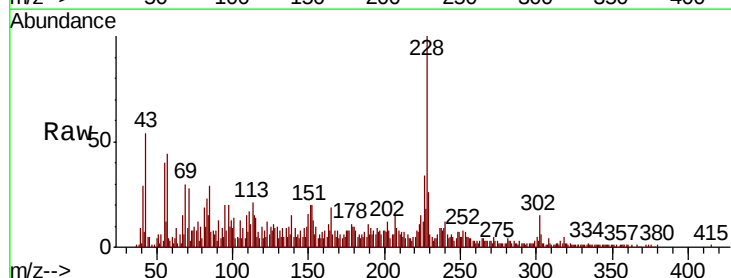
Tgt Ion:228 Resp: 95697

Ion Ratio Lower Upper

228 100

226 33.5 23.4 35.2

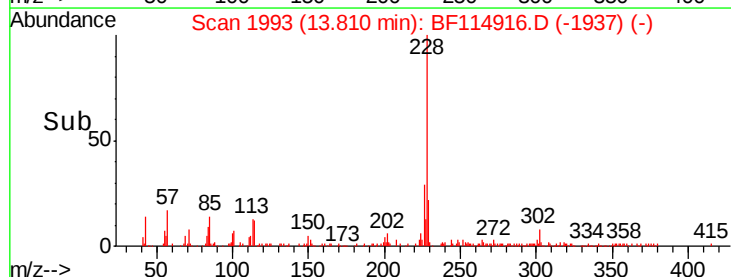
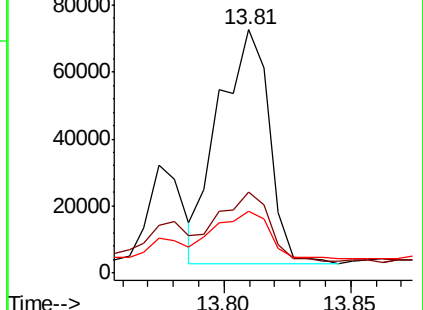
229 25.6 17.4 26.0

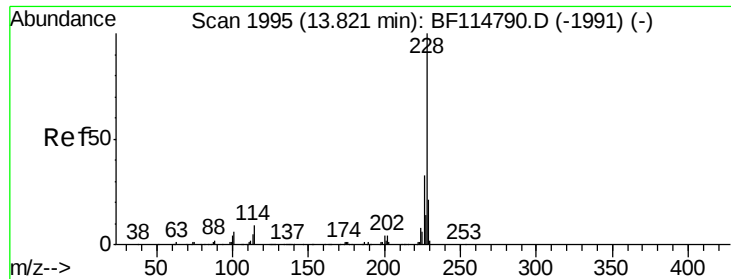


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

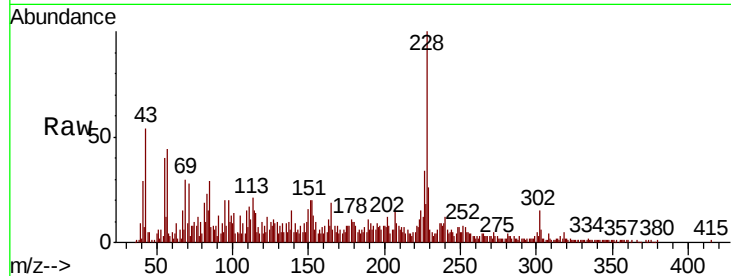




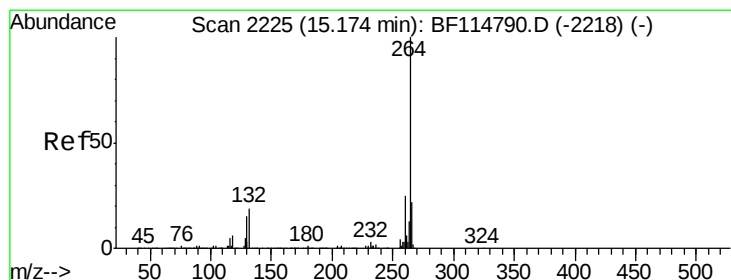
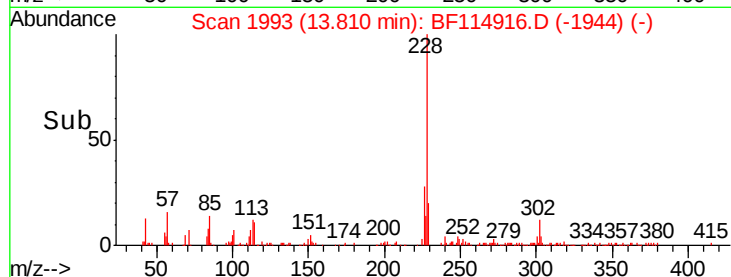
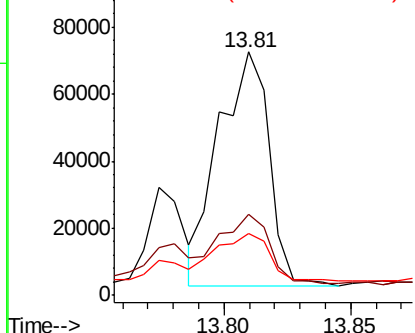
#83
Chrysene
Concen: 2.169 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:228 Resp: 95697
Ion Ratio Lower Upper
228 100
226 33.5 26.0 39.0
229 25.6 17.1 25.7

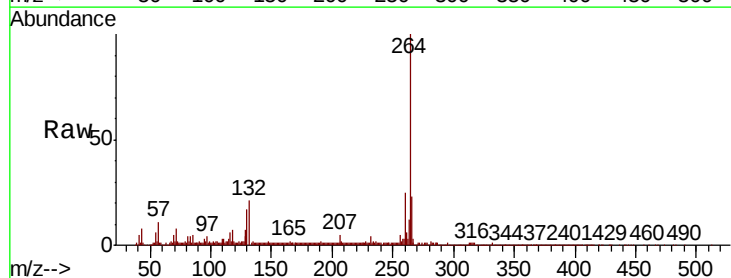


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

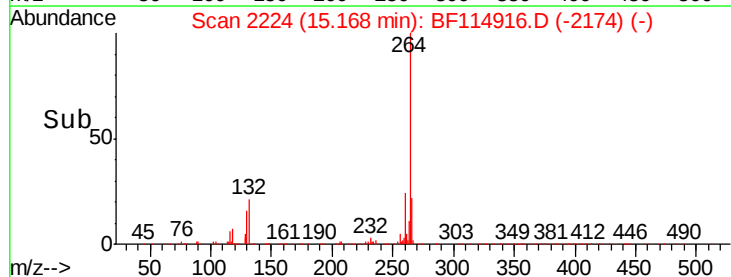
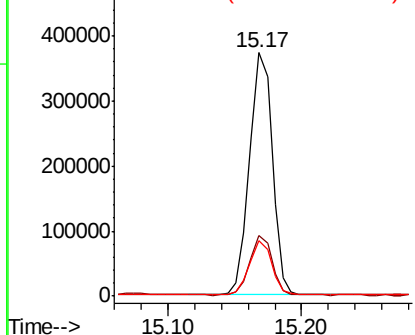


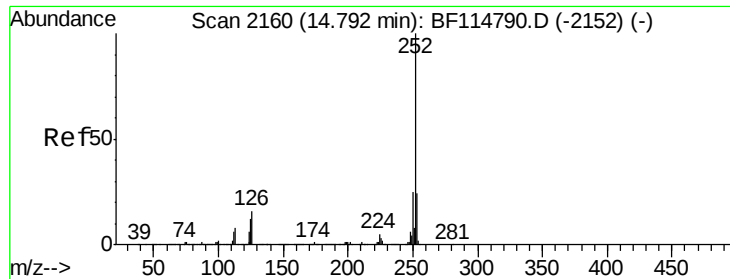
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:264 Resp: 438696
Ion Ratio Lower Upper
264 100
260 24.8 20.1 30.1
265 22.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

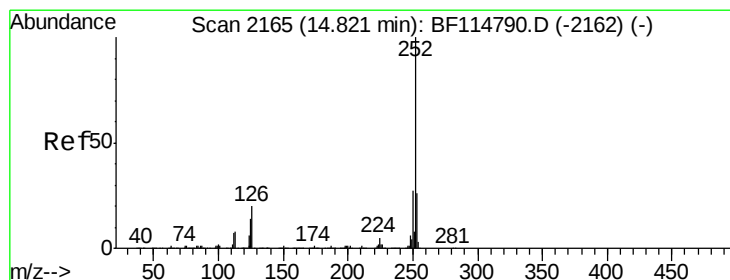
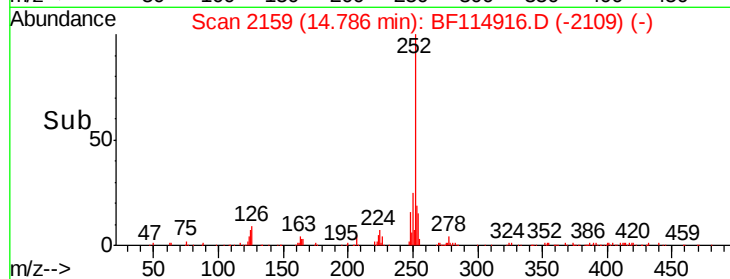
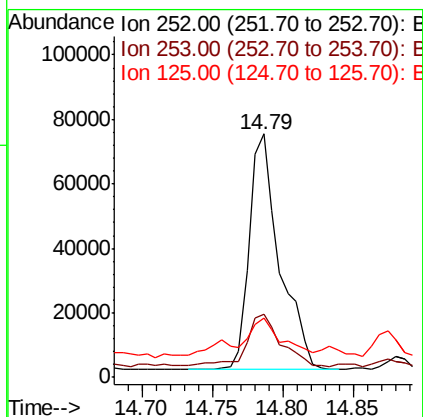
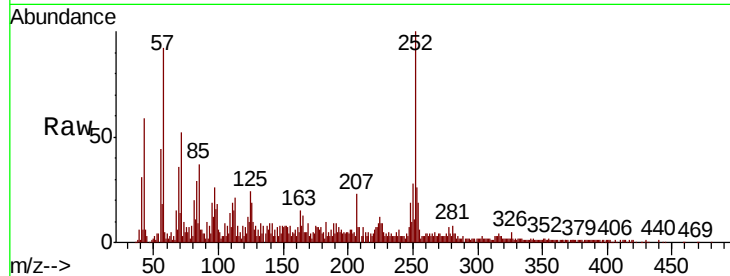




#88
Benzo(b)fluoranthene
Concen: 3.959 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

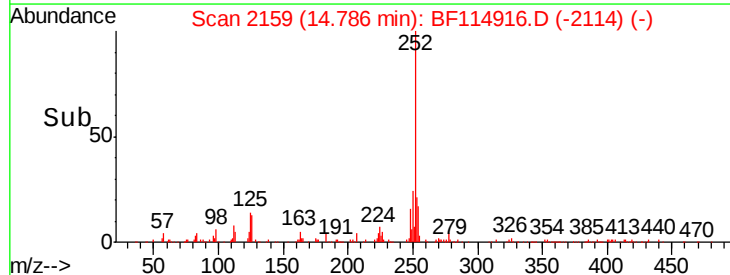
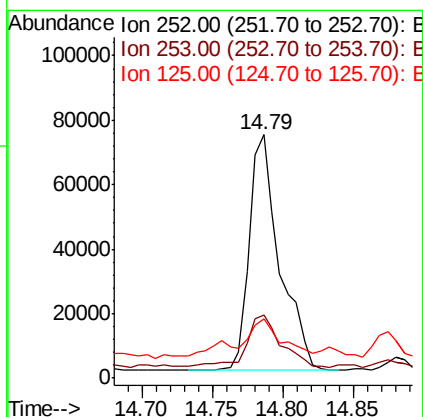
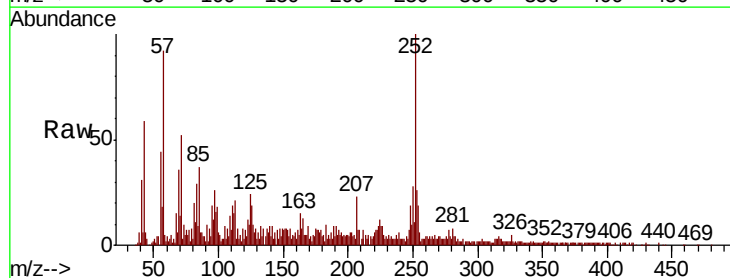
Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

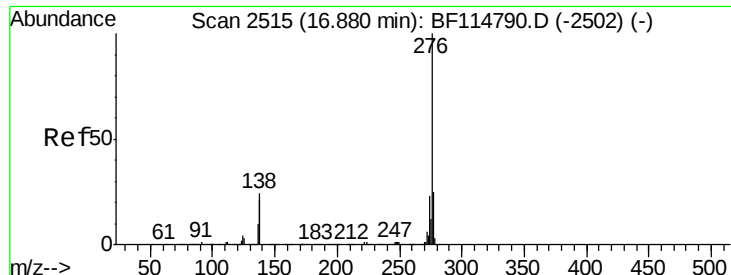
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.0	28.6
125	24.3	9.4	14.0#



#89
Benzo(k)fluoranthene
Concen: 4.666 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.04 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.3	28.9
125	24.3	10.1	15.1#





#92

Benzo(g,h,i)perylene

Concen: 2.020 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BF114916.D

Acq: 8 Jun 2019 3:11

Instrument :

BNA_F

ClientSampleId :

CHIMNEY-1

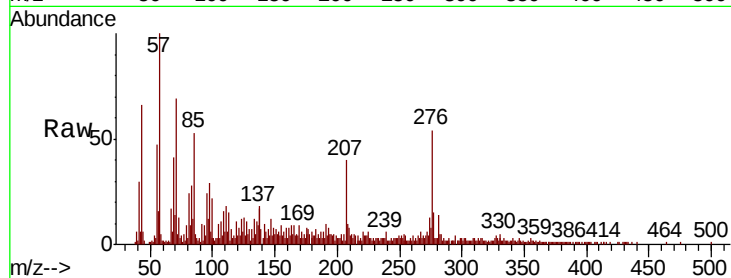
Tgt Ion: 276 Resp: 46502

Ion Ratio Lower Upper

276 100

277 27.7 19.8 29.6

138 30.8 19.4 29.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

