

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
 Data File : BF110902.D
 Acq On : 20 Nov 2018 18:50
 Operator : JU/SJ
 Sample : J5763-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-111918-B

Quant Time: Nov 21 04:21:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

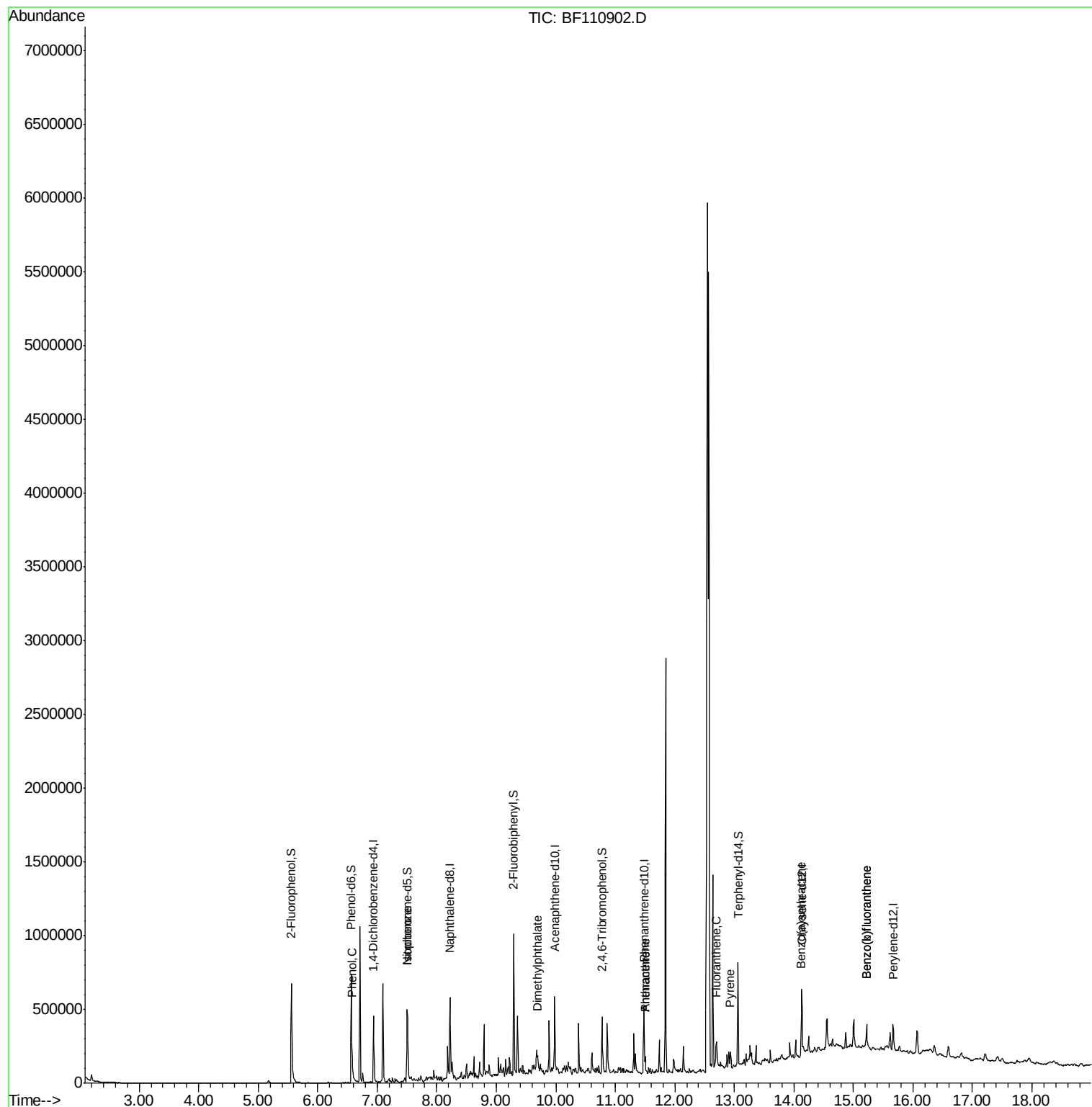
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64615	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	264382	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	108021	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	165817	20.00	ng	0.00
76) Chrysene-d12	14.13	240	136110	20.00	ng	0.00
87) Perylene-d12	15.67	264	91515	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	234180	58.87	ng	0.00
7) Phenol-d6	6.56	99	296889	58.36	ng	-0.01
23) Nitrobenzene-d5	7.50	82	185060	40.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	50715	46.59	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	303008	40.06	ng	-0.01
79) Terphenyl-d14	13.06	244	221924	30.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	421	Below Cal		Qvalue # 1
10) Phenol	6.58	94	14495	2.457 ng		85
25) Isophorone	7.50	82	181172	24.078 ng	#	67
50) Dimethylphthalate	9.69	163	28479	3.533 ng		99
71) Phenanthrene	11.50	178	35676	4.016 ng		98
72) Anthracene	11.50	178	35676	3.981 ng		98
75) Fluoranthene	12.70	202	43518	4.886 ng		98
78) Pyrene	12.94	202	38846	3.707 ng		98
81) Benzo(a)anthracene	14.12	228	17693	2.175 ng	#	91
88) Benzo(b)fluoranthene	15.22	252	17426	3.183 ng	#	65
89) Benzo(k)fluoranthene	15.22	252	17426	3.221 ng	#	64

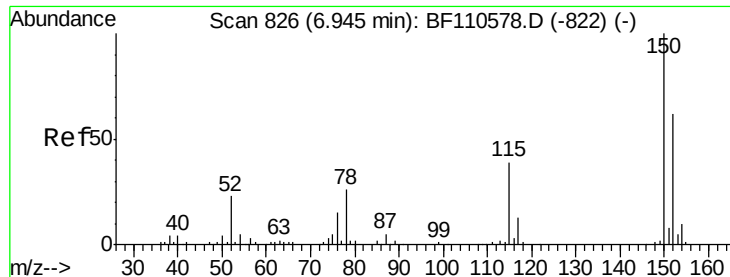
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110902.D
Acq On : 20 Nov 2018 18:50
Operator : JU/SJ
Sample : J5763-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Quant Time: Nov 21 04:21:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



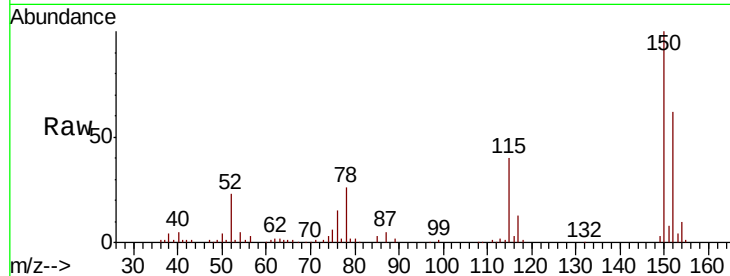


#1

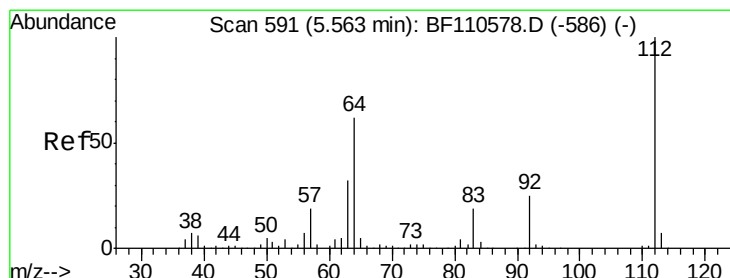
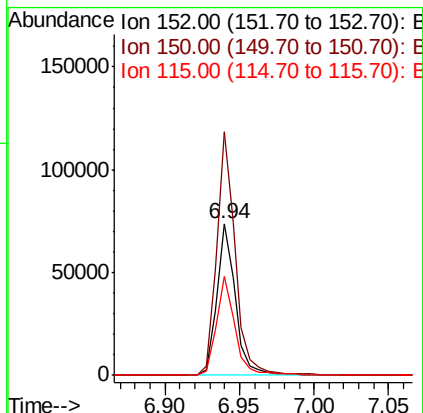
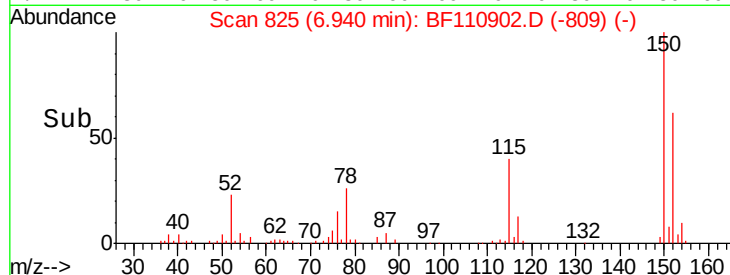
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion:152 Resp: 64615
Ion Ratio Lower Upper
152 100
150 160.3 122.7 184.1
115 64.8 49.1 73.7



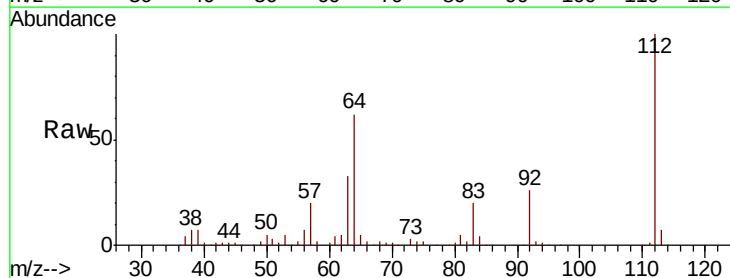
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



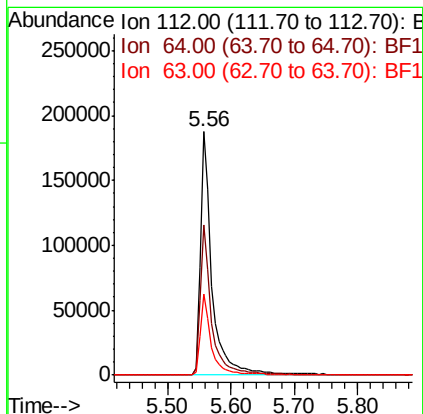
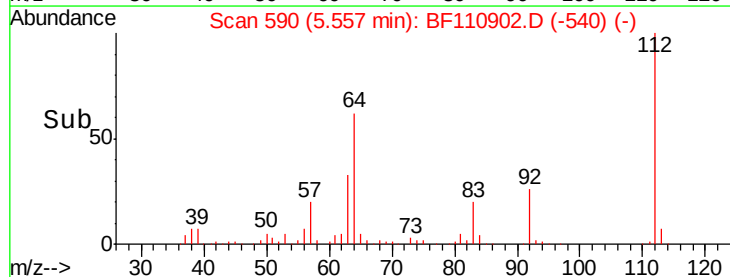
#5

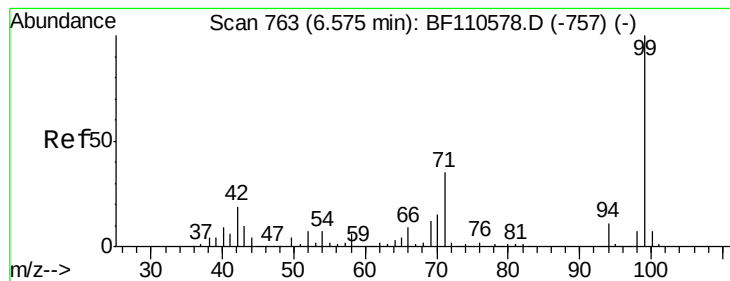
2-Fluorophenol
Concen: 58.869 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion:112 Resp: 234180
Ion Ratio Lower Upper
112 100
64 61.8 44.1 66.1
63 33.1 23.7 35.5



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: 58.364 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110902.D

Acq: 20 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

HR-06-111918-B

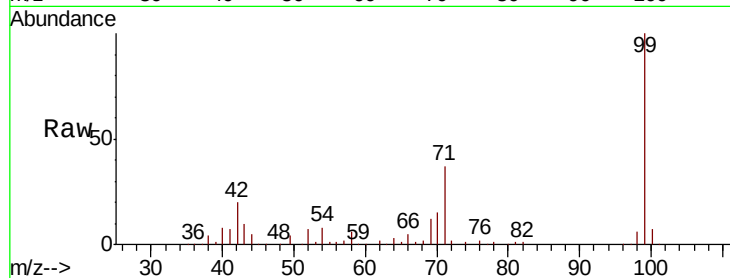
Tgt Ion: 99 Resp: 296889

Ion Ratio Lower Upper

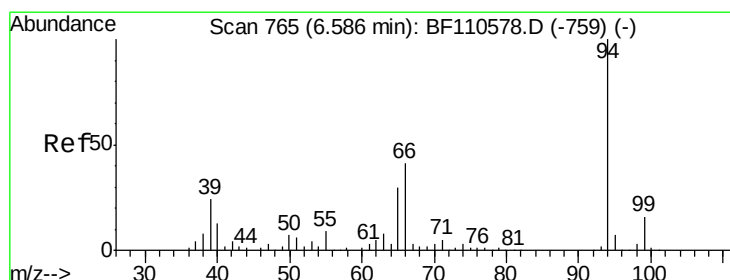
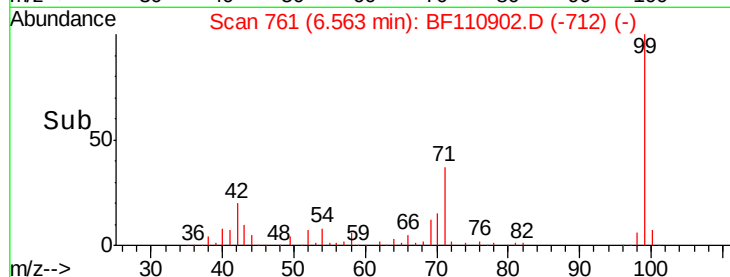
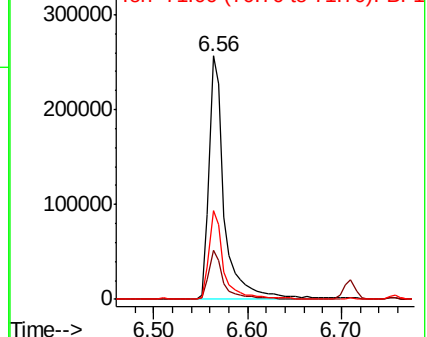
99 100

42 20.2 15.8 23.6

71 36.6 28.0 42.0



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: 2.457 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110902.D

Acq: 20 Nov 2018 18:50

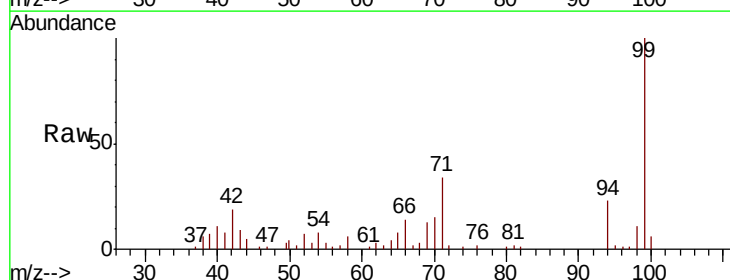
Tgt Ion: 94 Resp: 14495

Ion Ratio Lower Upper

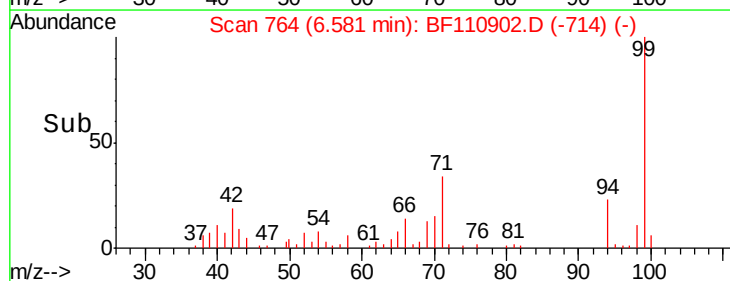
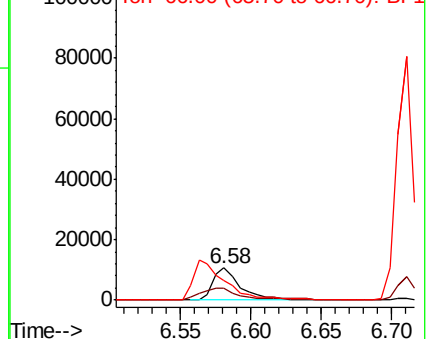
94 100

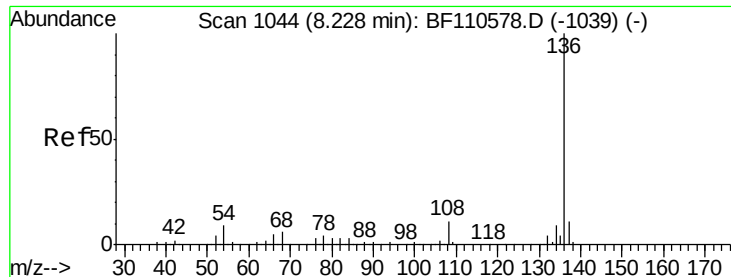
65 36.0 25.3 65.3

66 61.2 54.5 94.5



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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110902.D

Acq: 20 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

HR-06-111918-B

Tgt Ion:136 Resp: 264382

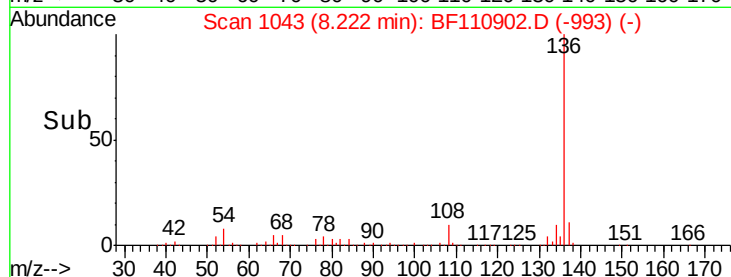
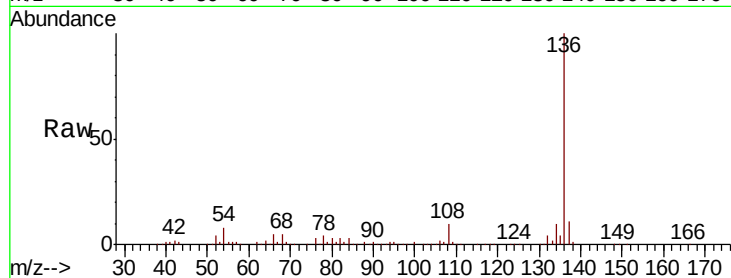
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.9 5.4 8.2

68 4.9 4.2 6.2

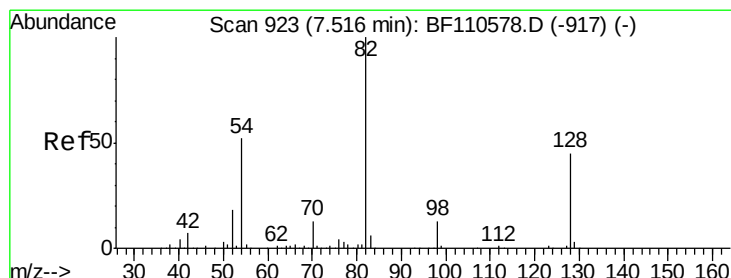
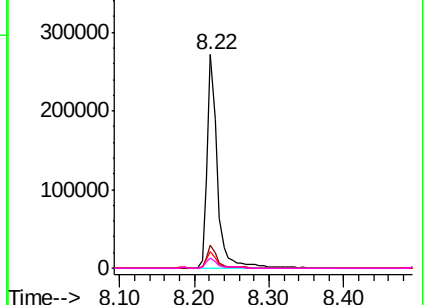


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 40.311 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110902.D

Acq: 20 Nov 2018 18:50

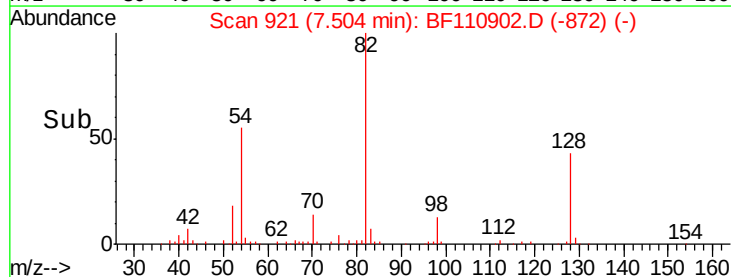
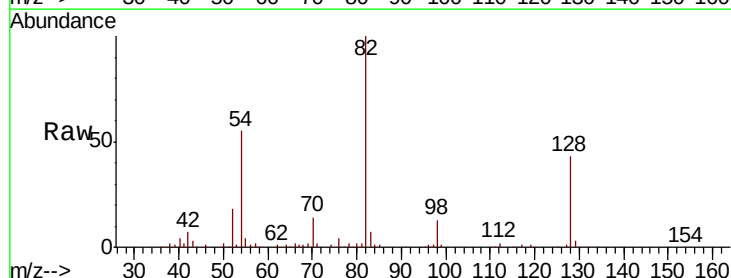
Tgt Ion: 82 Resp: 185060

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.2

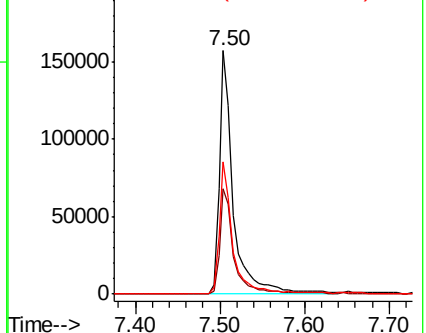
54 54.6 38.6 58.0

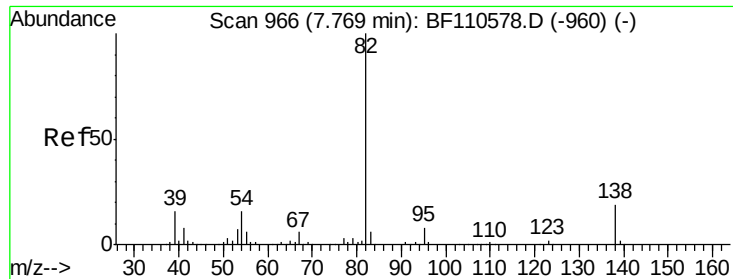


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

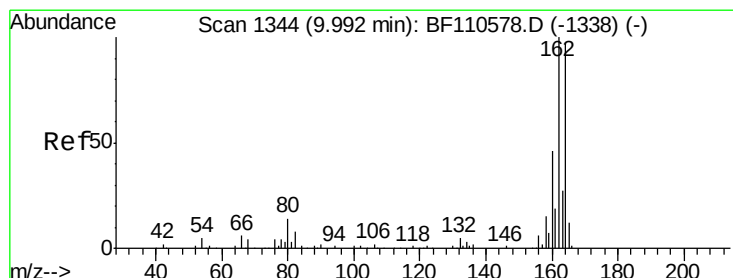
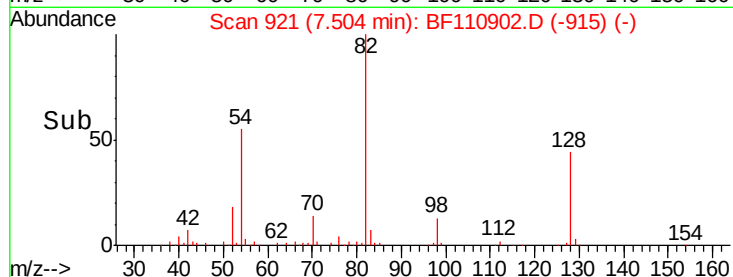
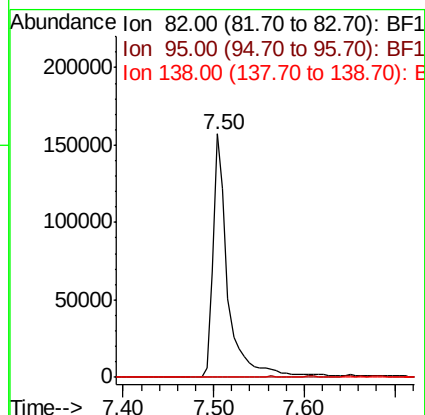
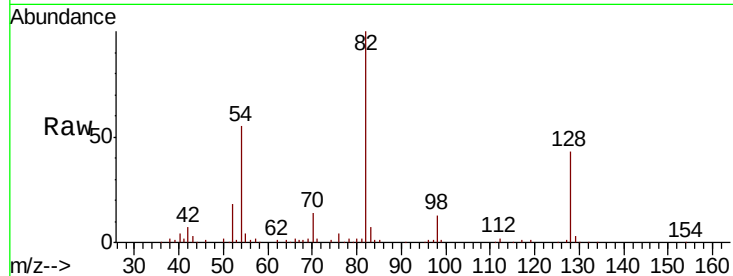




#25
Isophorone
Concen: 24.078 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

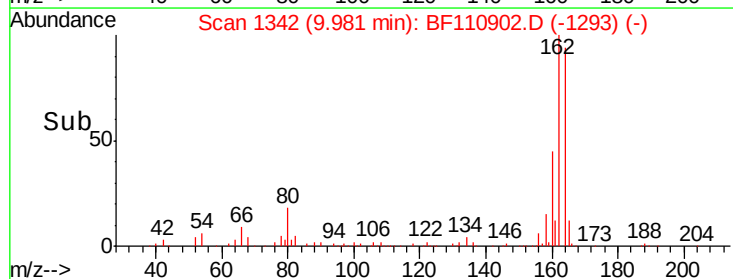
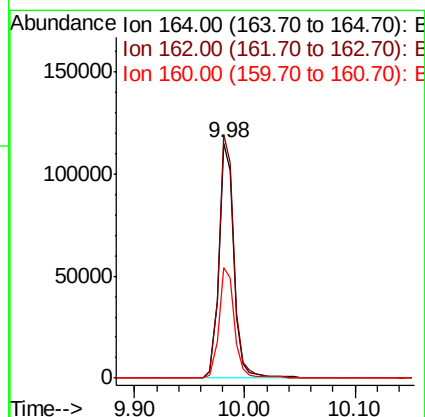
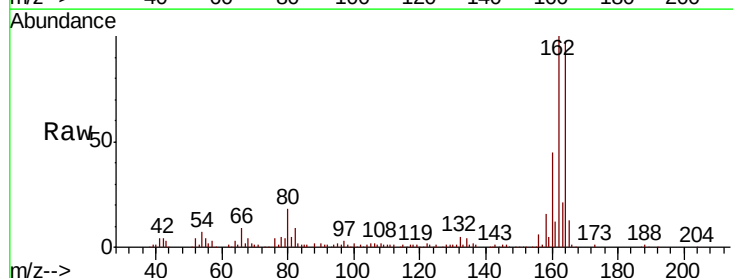
Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

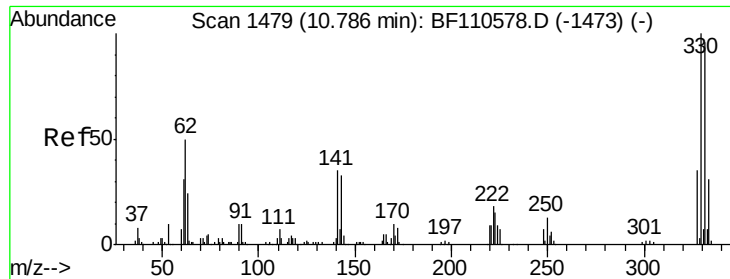
Tgt Ion: 82 Resp: 181172
Ion Ratio Lower Upper
82 100
95 0.3 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion: 164 Resp: 108021
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.6
160 46.9 37.0 55.6

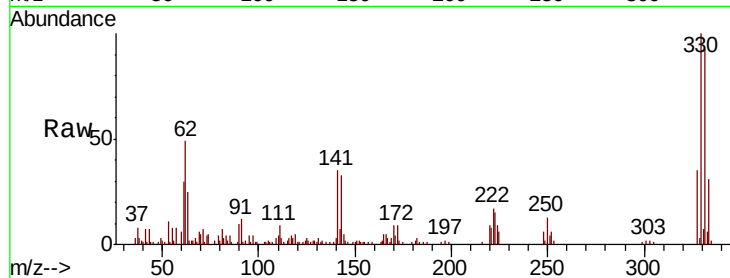




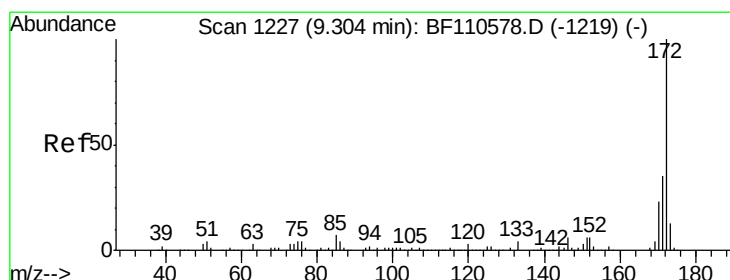
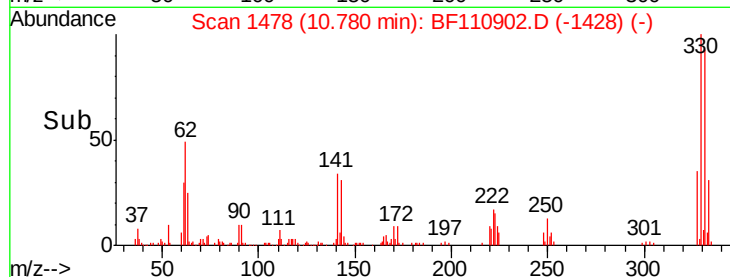
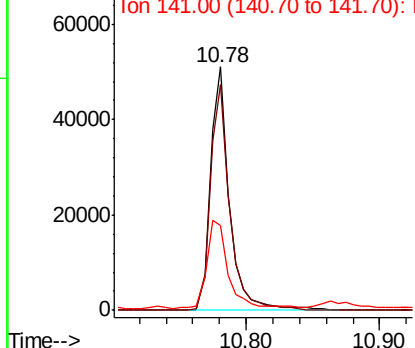
#42
 2,4,6-Tribromophenol
 Concen: 46.594 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110902.D
 Acq: 20 Nov 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-111918-B

Tgt Ion: 330 Resp: 50715
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.1 115.7
 141 39.4 27.0 40.4

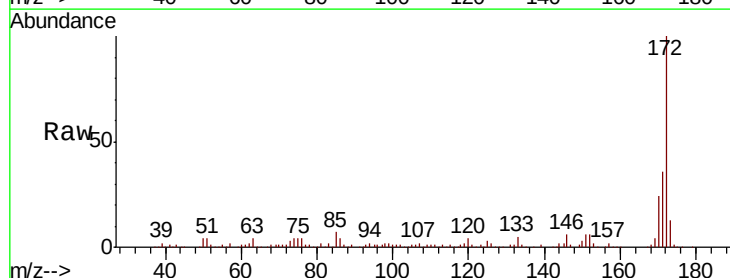


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

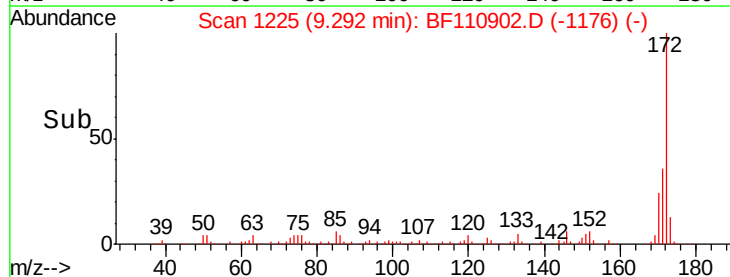
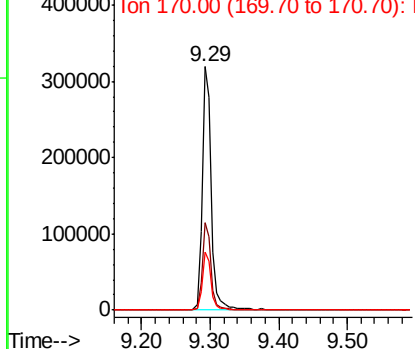


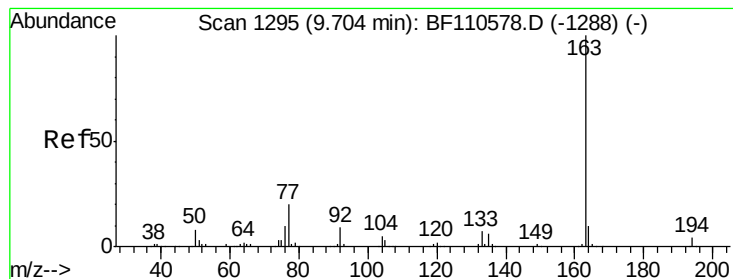
#45
 2-Fluorobiphenyl
 Concen: 40.062 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110902.D
 Acq: 20 Nov 2018 18:50

Tgt Ion: 172 Resp: 303008
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.6 19.7 29.5



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





#50

Dimethylphthalate

Concen: 3.533 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110902.D

Acq: 20 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

HR-06-111918-B

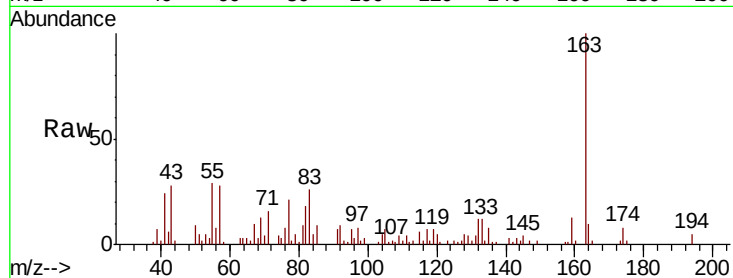
Tgt Ion:163 Resp: 28479

Ion Ratio Lower Upper

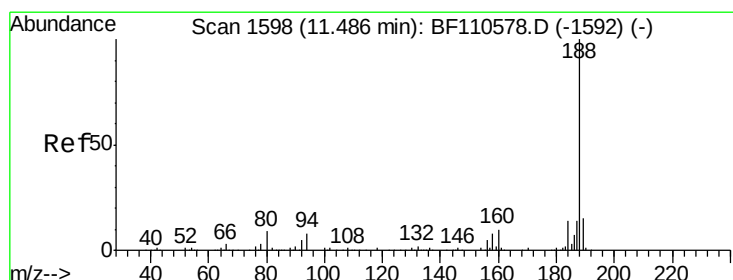
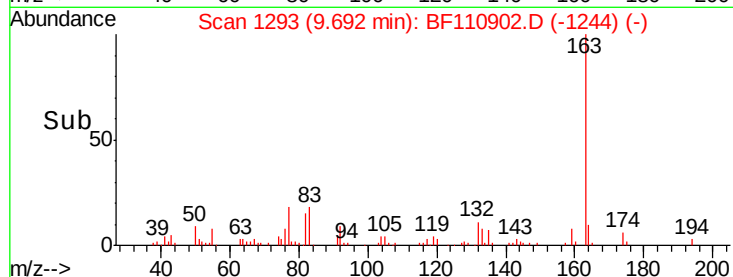
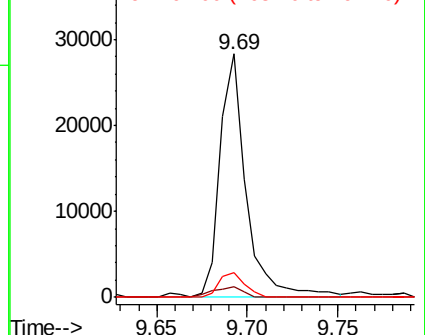
163 100

194 4.6 3.2 4.8

164 10.1 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110902.D

Acq: 20 Nov 2018 18:50

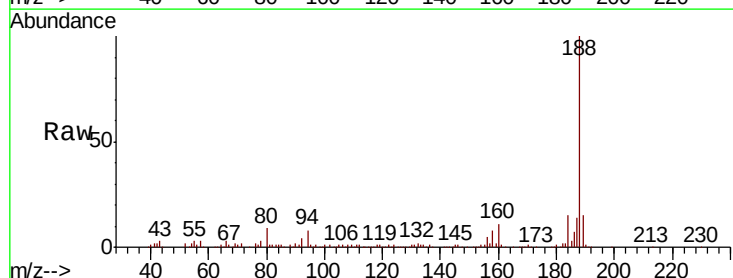
Tgt Ion:188 Resp: 165817

Ion Ratio Lower Upper

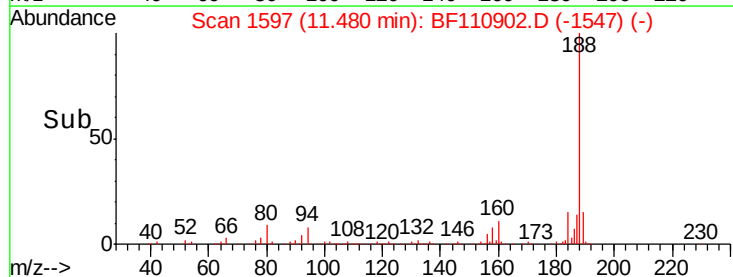
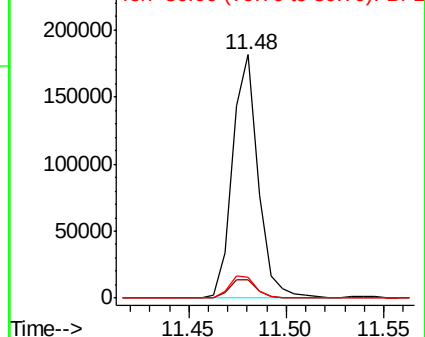
188 100

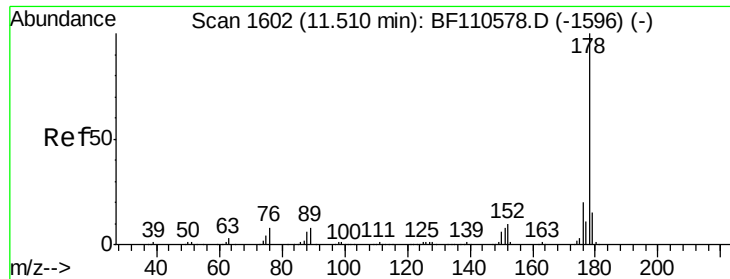
94 7.7 7.2 10.8

80 8.7 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

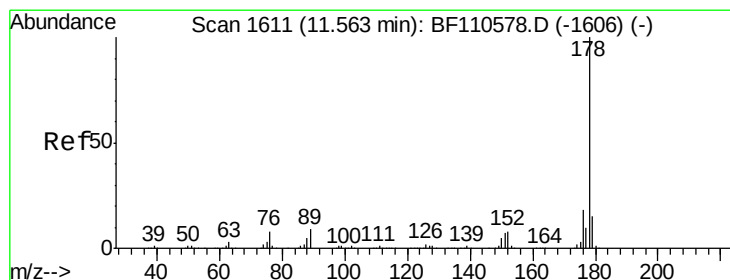
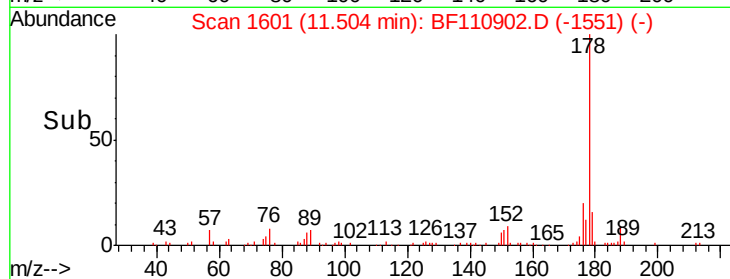
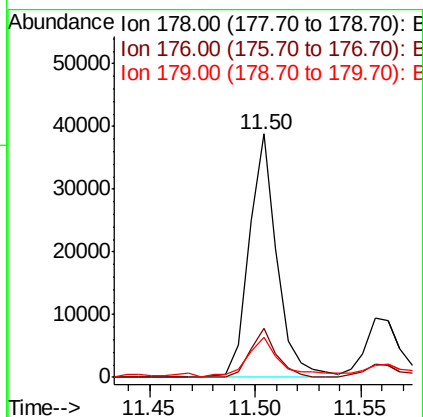
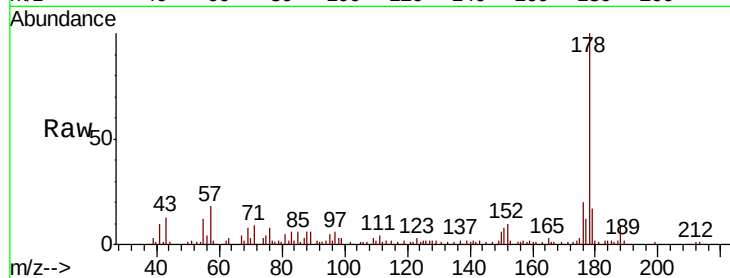




#71
 Phenanthrene
 Concen: 4.016 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110902.D
 Acq: 20 Nov 2018 18:50

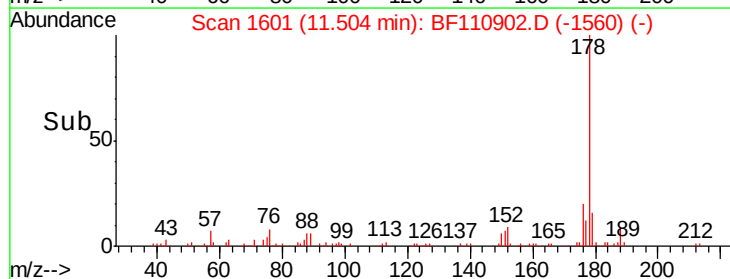
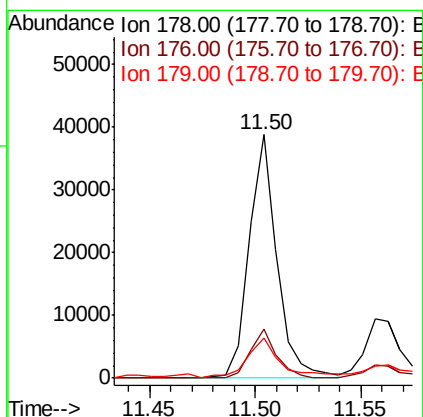
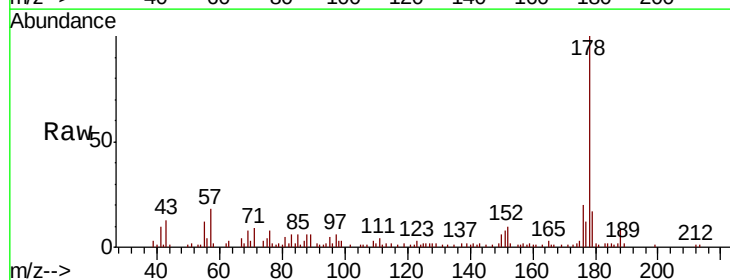
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-111918-B

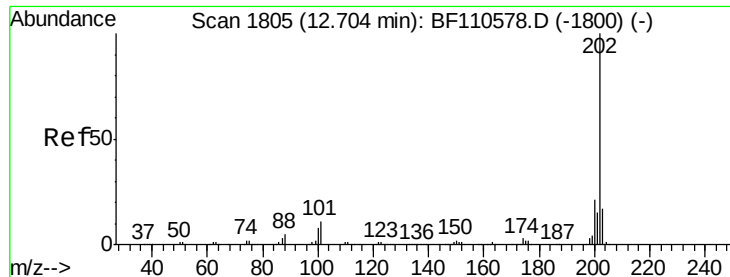
Tgt Ion:178 Resp: 35676
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.5 23.3
 179 16.6 12.5 18.7



#72
 Anthracene
 Concen: 3.981 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.06 min
 Lab File: BF110902.D
 Acq: 20 Nov 2018 18:50

Tgt Ion:178 Resp: 35676
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 16.6 12.6 18.8





#75

Fluoranthene

Concen: 4.886 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110902.D

Acq: 20 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

HR-06-111918-B

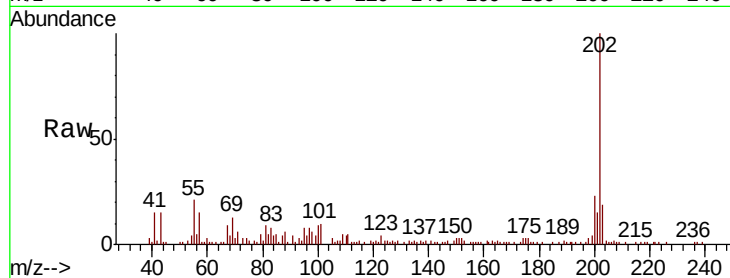
Tgt Ion:202 Resp: 43518

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

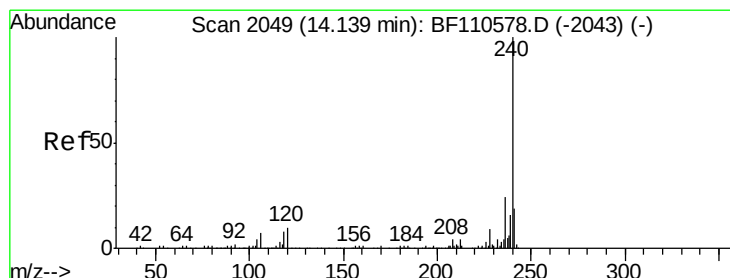
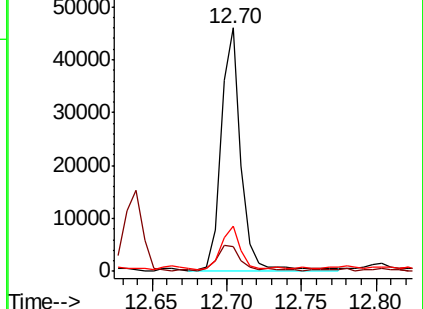
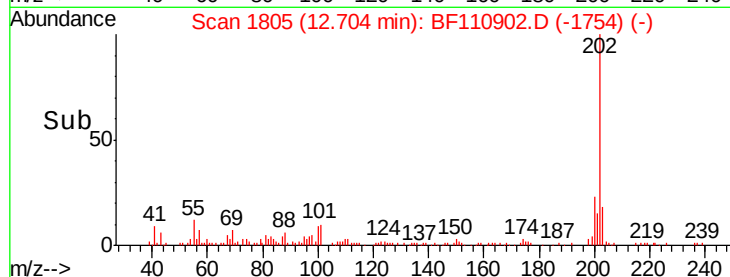
203 18.7 0.0 37.7



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110902.D

Acq: 20 Nov 2018 18:50

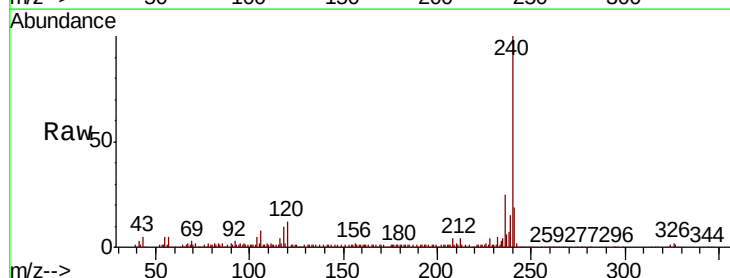
Tgt Ion:240 Resp: 136110

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

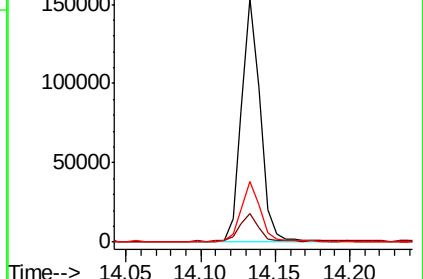
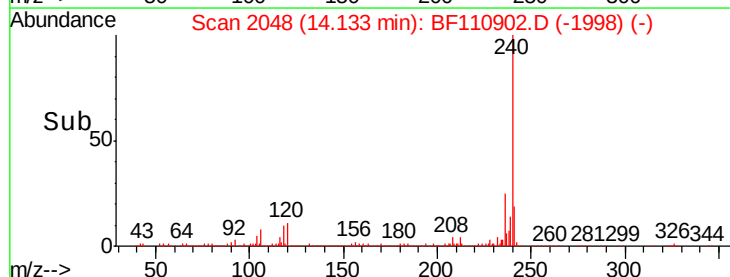
236 24.9 21.2 31.8

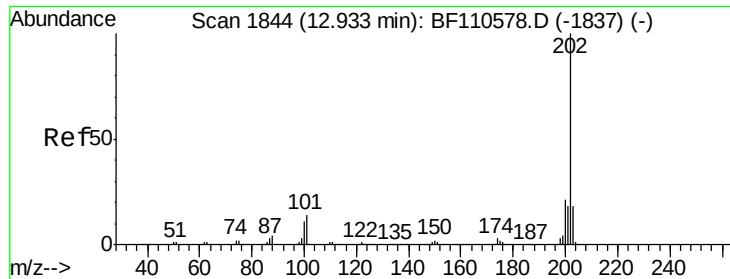


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

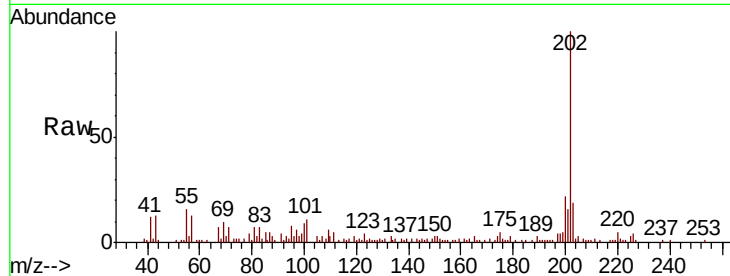




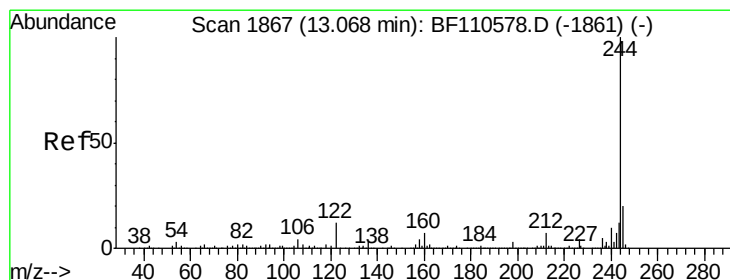
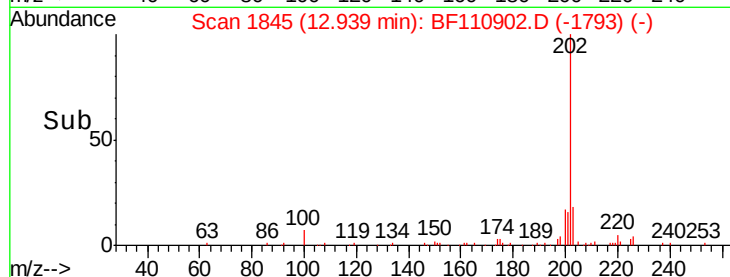
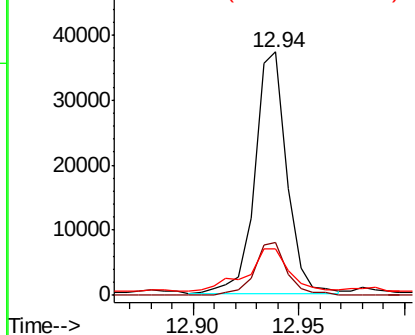
#78
 Pyrene
 Concen: 3.707 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BF110902.D
 Acq: 20 Nov 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-111918-B

Tgt Ion: 202 Resp: 38846
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.8 26.6
 203 19.0 14.2 21.4

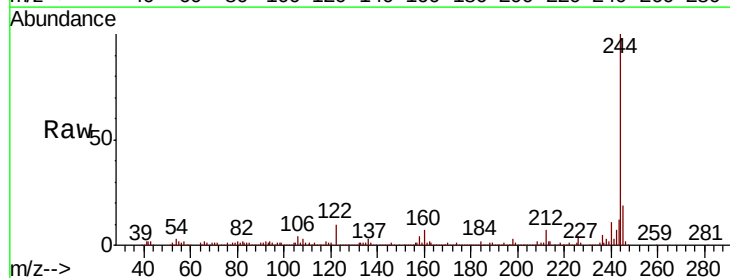


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

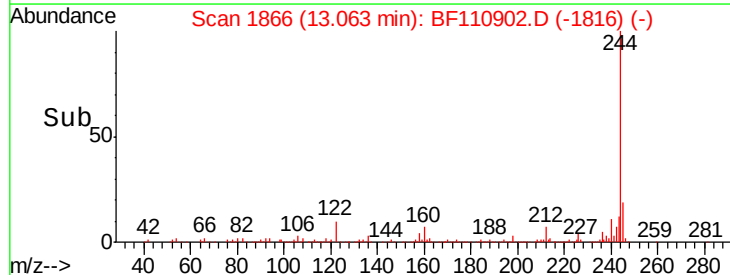
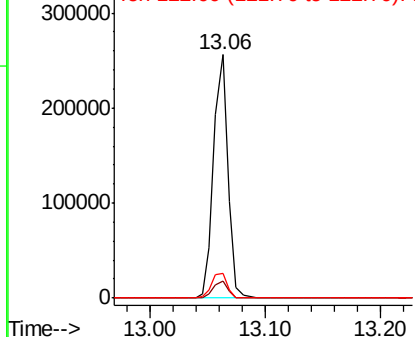


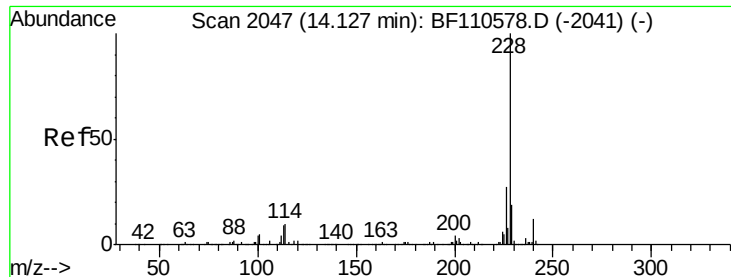
#79
 Terphenyl-d14
 Concen: 30.535 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110902.D
 Acq: 20 Nov 2018 18:50

Tgt Ion: 244 Resp: 221924
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.3 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: 2.175 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110902.D

Acq: 20 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

HR-06-111918-B

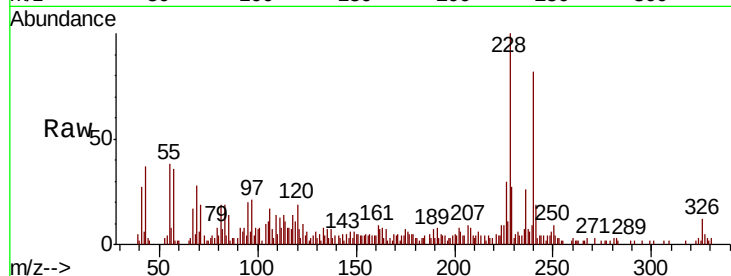
Tgt Ion:228 Resp: 17693

Ion Ratio Lower Upper

228 100

226 29.8 22.1 33.1

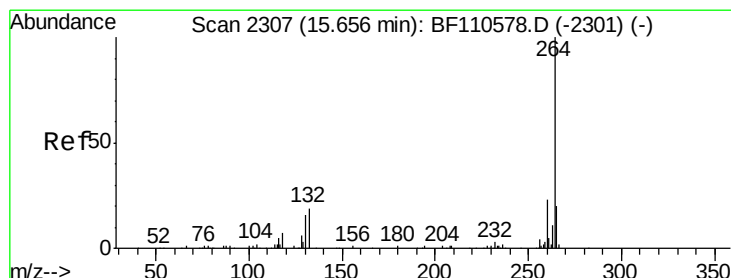
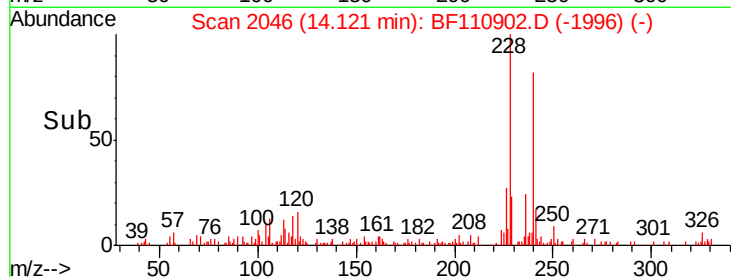
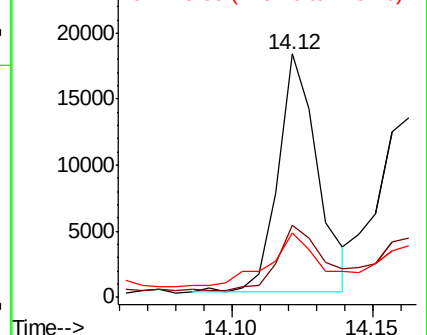
229 26.6 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110902.D

Acq: 20 Nov 2018 18:50

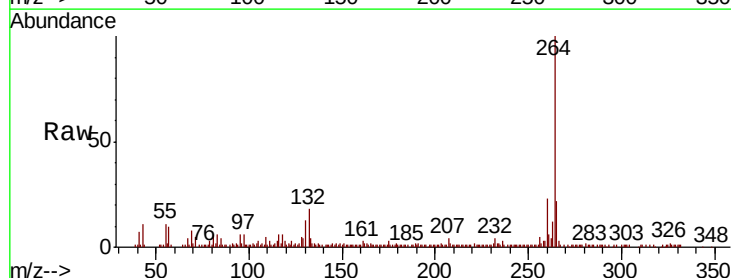
Tgt Ion:264 Resp: 91515

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

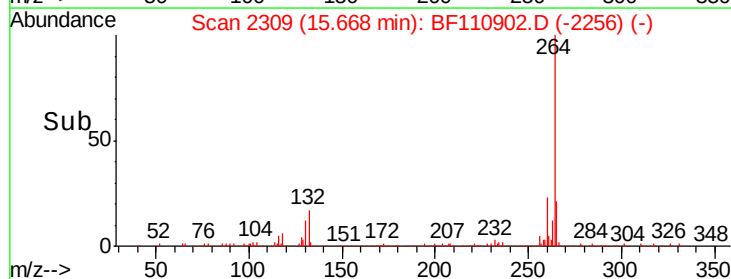
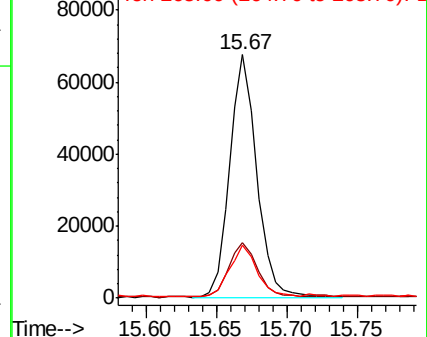
265 21.9 16.7 25.1

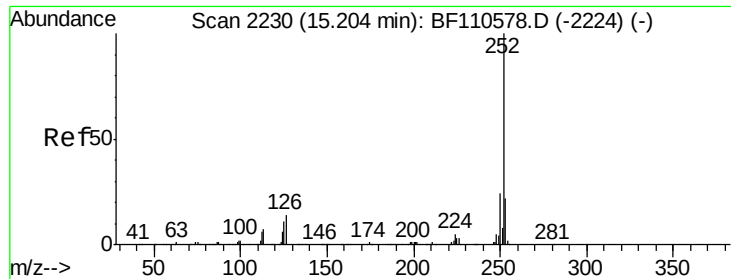


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

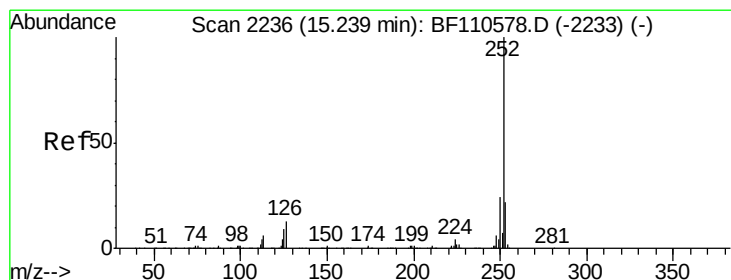
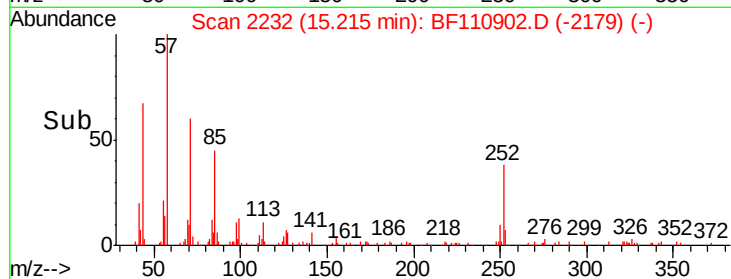
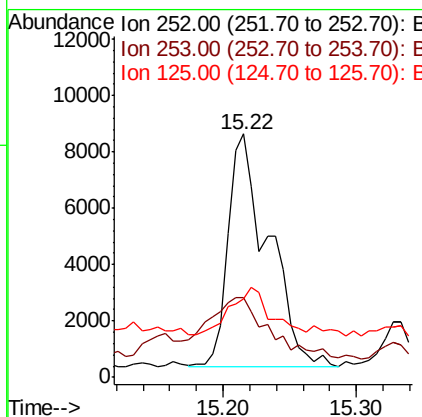
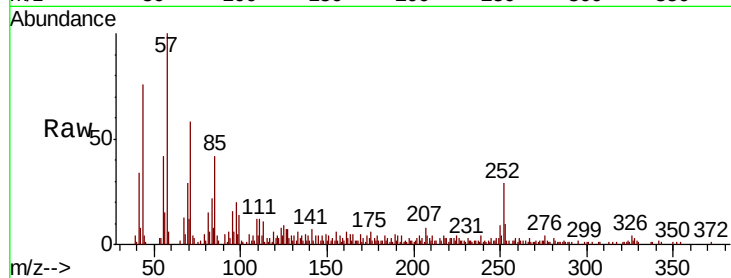




#88
Benzo(b)fluoranthene
Concen: 3.183 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.2	25.8#
125	32.2	8.2	12.4#



#89
Benzo(k)fluoranthene
Concen: 3.221 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.2	25.8#
125	32.2	7.4	11.0#

