

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119204.D
 Acq On : 4 Mar 2020 19:52
 Operator : CG/JU
 Sample : L1769-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 05:49:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

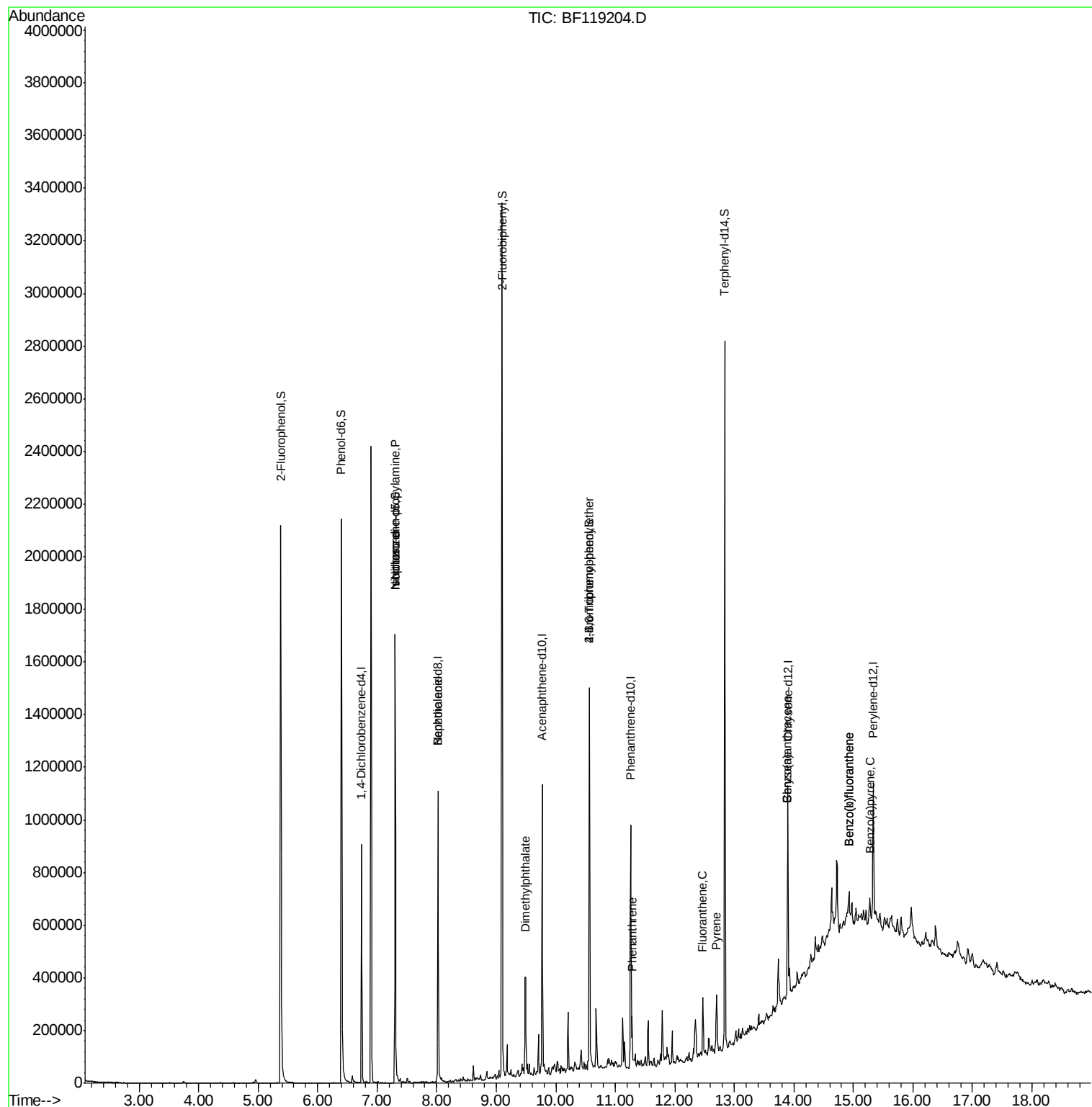
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	132222	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	476658	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	224252	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	324773	20.00	ng	0.00
76) Chrysene-d12	13.90	240	255574	20.00	ng	0.00
87) Perylene-d12	15.33	264	225505	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	719242	90.91	ng	0.01
7) Phenol-d6	6.40	99	866420	90.04	ng	0.00
23) Nitrobenzene-d5	7.30	82	561396	62.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	209737	71.49	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1058082	69.51	ng	-0.01
79) Terphenyl-d14	12.84	244	898397	60.52	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	78612	14.020	ng	# 74
25) Isophorone	7.30	82	558658	35.633	ng	# 63
32) Benzoic acid	8.02	122	108	6.700	ng	# 1
50) Dimethylphthalate	9.49	163	157566	9.189	ng	98
67) 4-Bromophenyl-phenylether	10.56	248	13664	3.219	ng	# 1
71) Phenanthrene	11.28	178	66545	3.757	ng	97
75) Fluoranthene	12.47	202	89667	4.769	ng	98
78) Pyrene	12.70	202	91856	4.476	ng	97
81) Benzo(a)anthracene	13.89	228	50917	2.924	ng	98
83) Chrysene	13.89	228	50917	2.934	ng	95
88) Benzo(b)fluoranthene	14.92	252	71720	4.825	ng	# 74
89) Benzo(k)fluoranthene	14.92	252	71645	5.201	ng	# 74
90) Benzo(a)pyrene	15.27	252	36400	2.713	ng	# 82

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119204.D
Acq On : 4 Mar 2020 19:52
Operator : CG/JU
Sample : L1769-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 05 05:49:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration



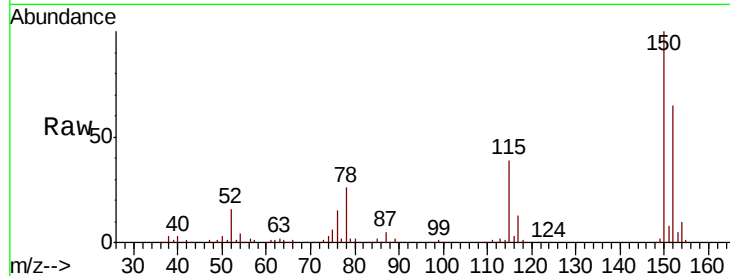


#1

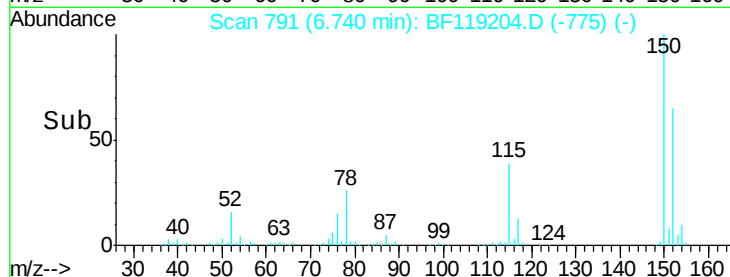
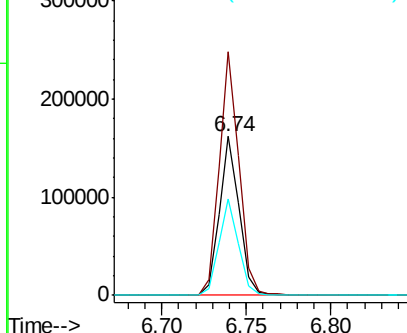
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132222
Ion Ratio Lower Upper
152 100
150 153.3 123.0 184.6
115 60.3 49.5 74.3



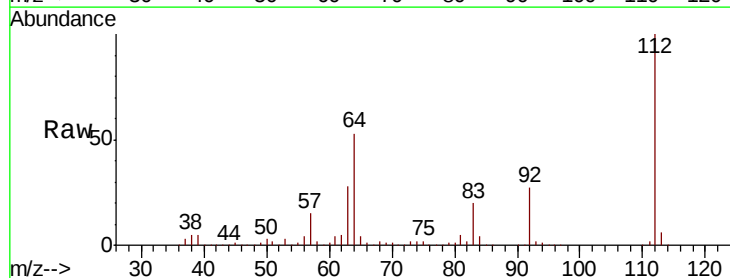
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



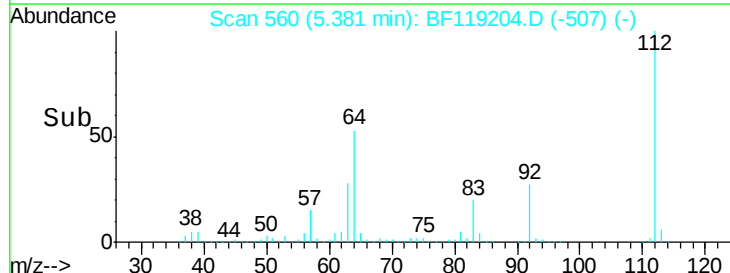
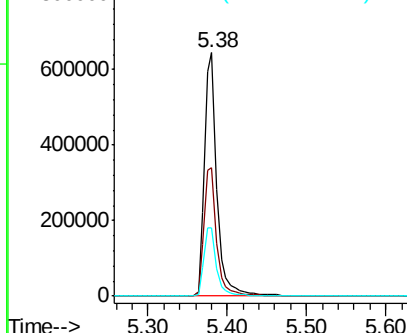
#5

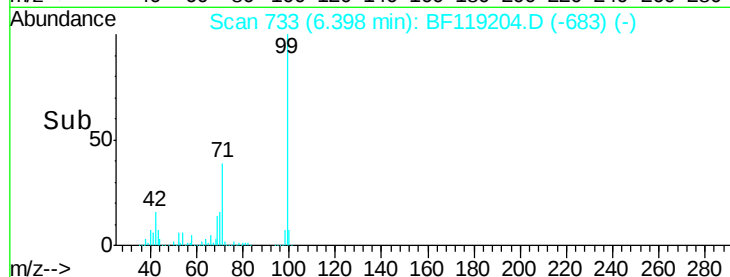
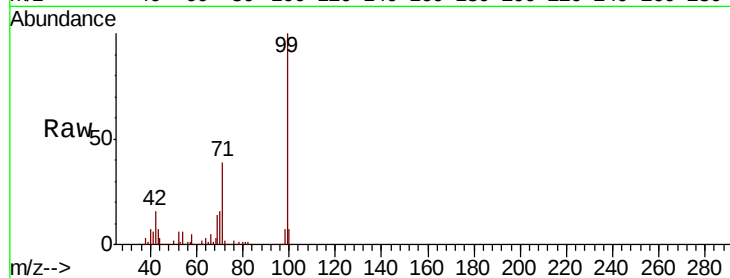
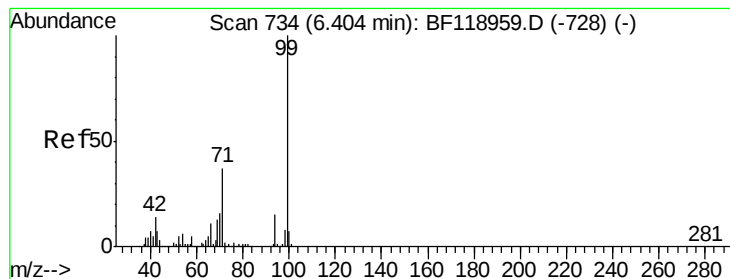
2-Fluorophenol
Concen: 90.906 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Tgt Ion:112 Resp: 719242
Ion Ratio Lower Upper
112 100
64 53.0 45.0 67.4
63 28.1 24.2 36.4



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: 90.043 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

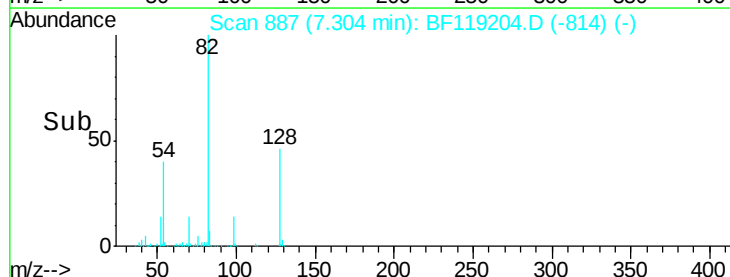
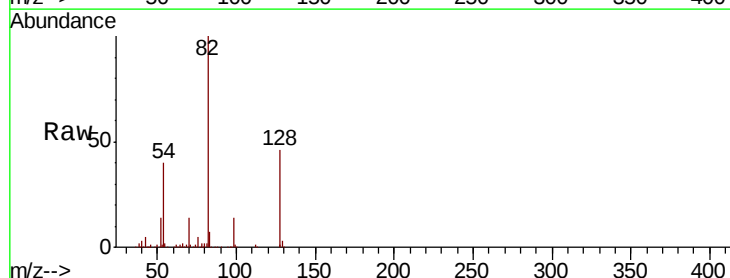
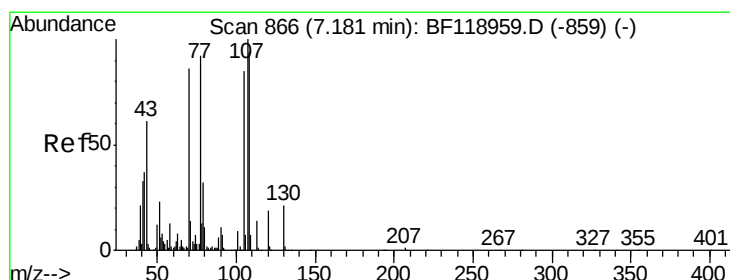
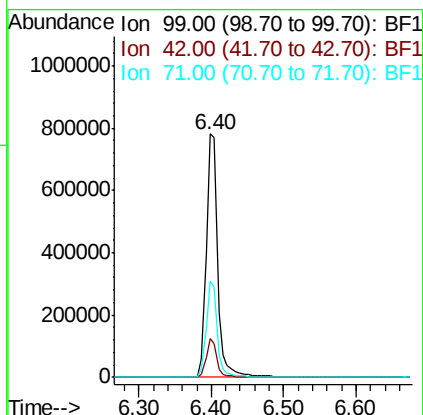
Tot Ion: 99 Resp: 866420

Ion Ratio Lower Upper

99 100

42 15.9 12.6 18.8

71 39.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.020 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

Tgt Ion: 70 Resp: 78612

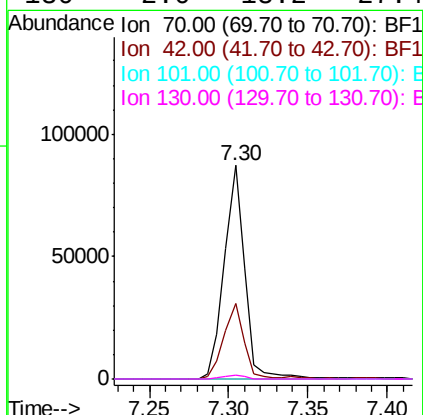
Ion Ratio Lower Upper

70 100

42 35.4 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 476658

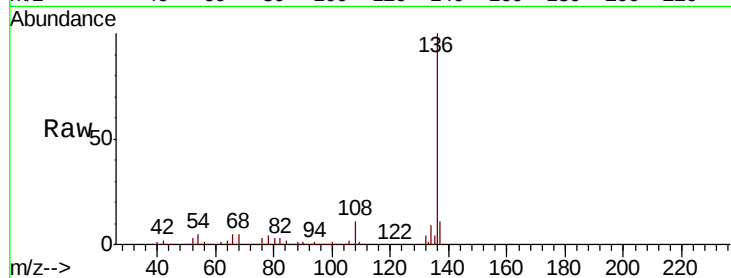
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.0 3.8 5.6

68 4.9 3.9 5.9

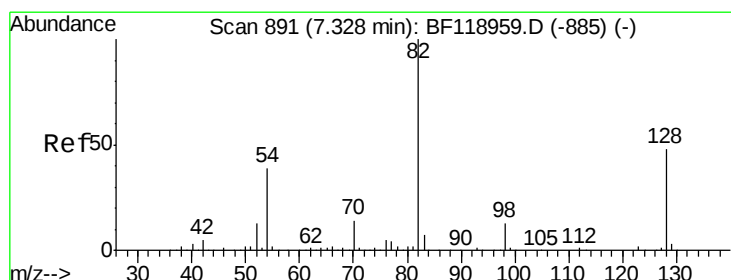
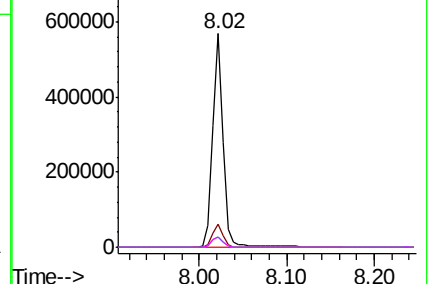
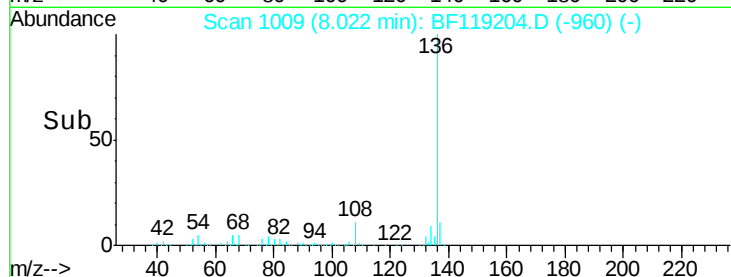


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.187 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

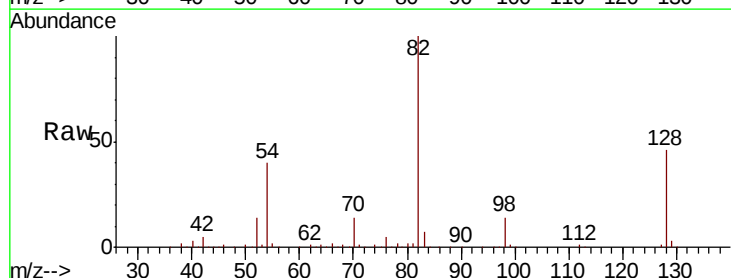
Tgt Ion: 82 Resp: 561396

Ion Ratio Lower Upper

82 100

128 46.5 37.9 56.9

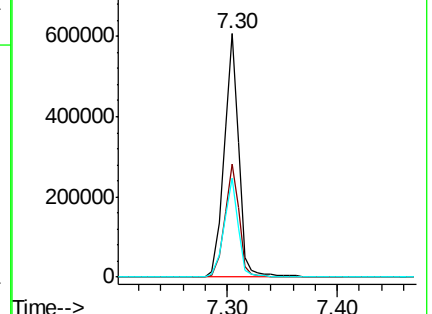
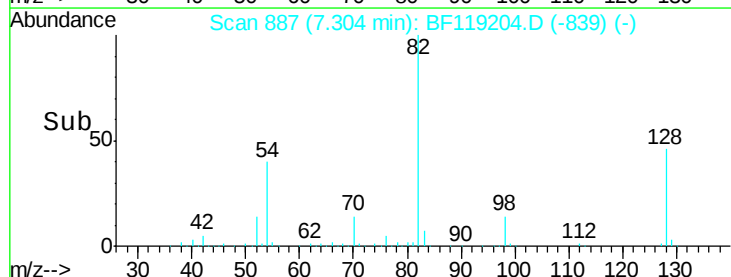
54 40.5 33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.633 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

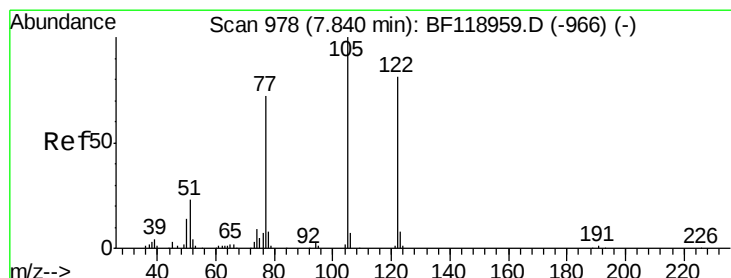
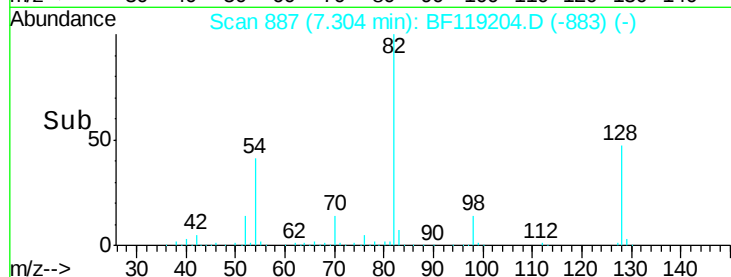
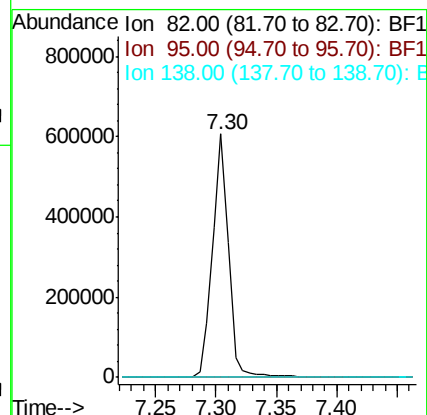
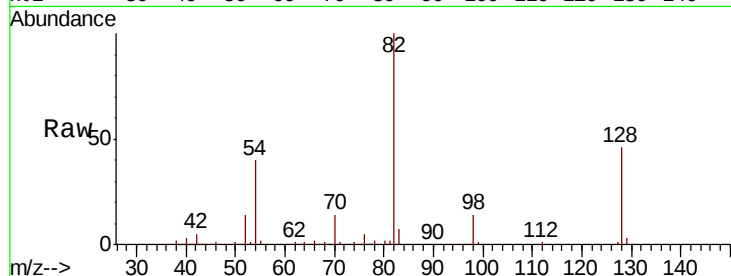
Tot Ion: 82 Resp: 558658

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



#32

Benzoic acid

Concen: 6.700 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.16 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

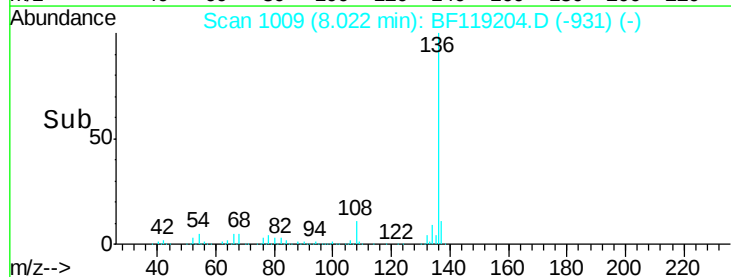
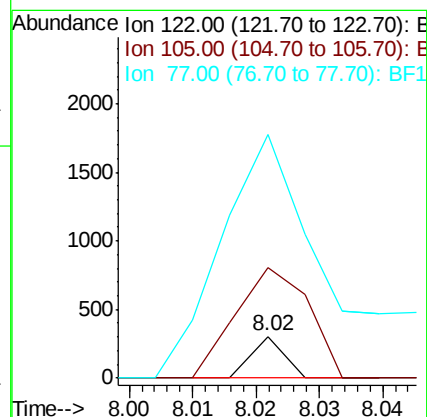
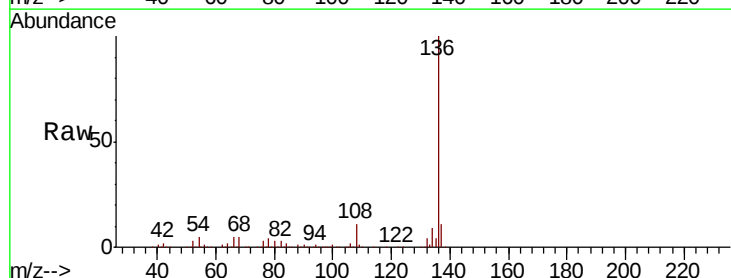
Tgt Ion: 122 Resp: 108

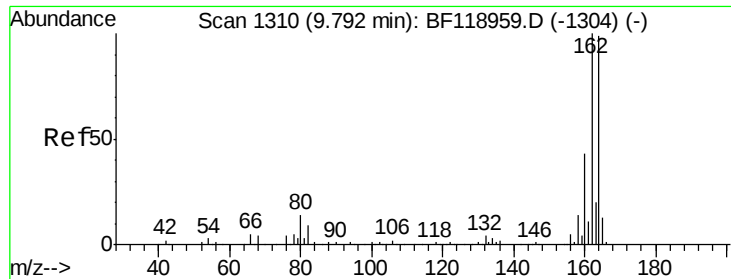
Ion Ratio Lower Upper

122 100

105 263.1 106.3 146.3#

77 580.1 73.1 113.1#

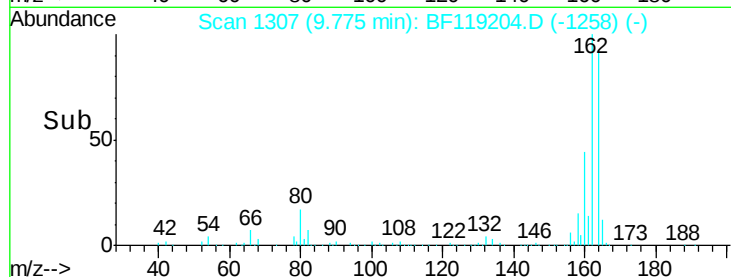
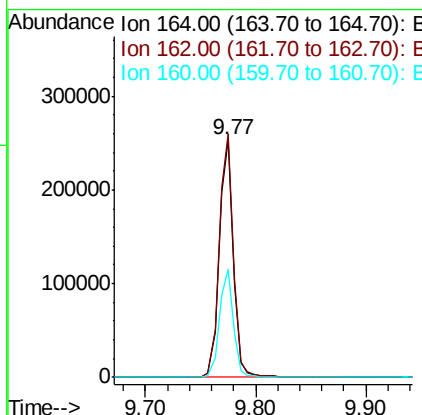
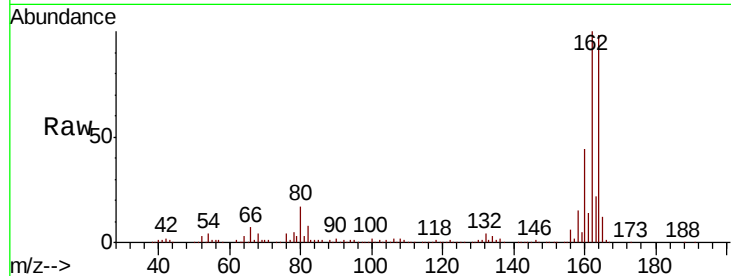




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

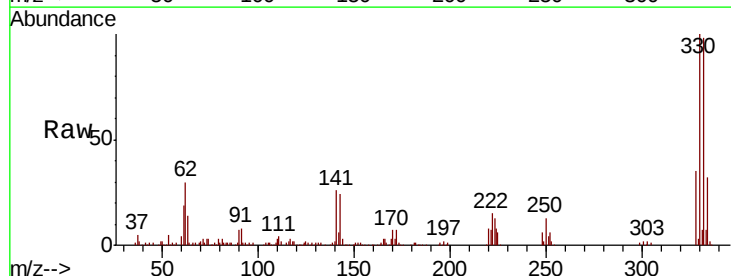
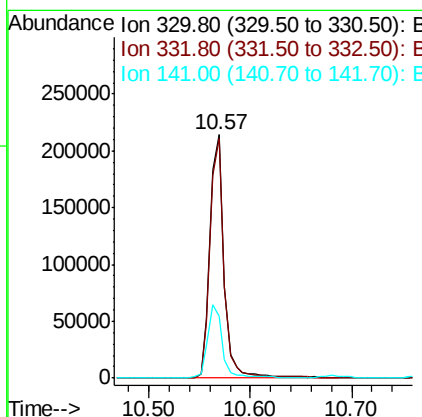
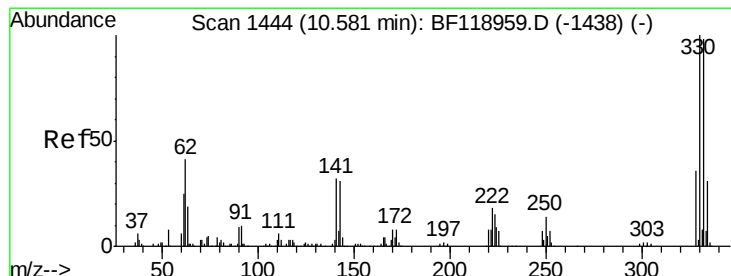
Instrument :
BNA_F
ClientSampleId :

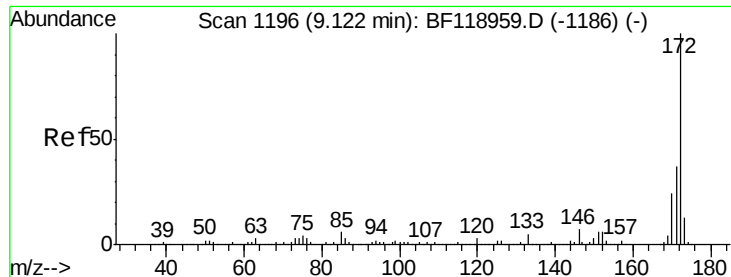
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.8	122.8
160	45.4	36.0	54.0



#42
2,4,6-Tribromophenol
Concen: 71.495 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	30.4	22.9	34.3



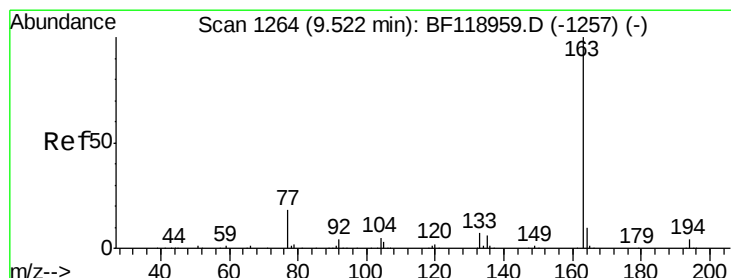
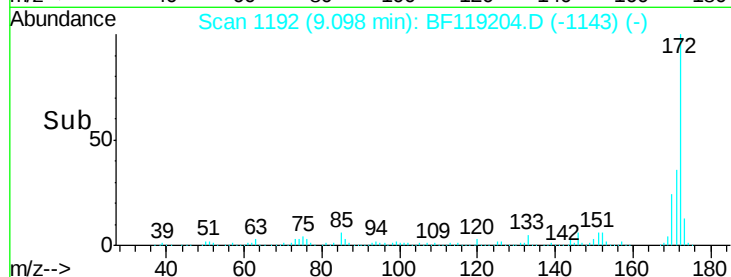
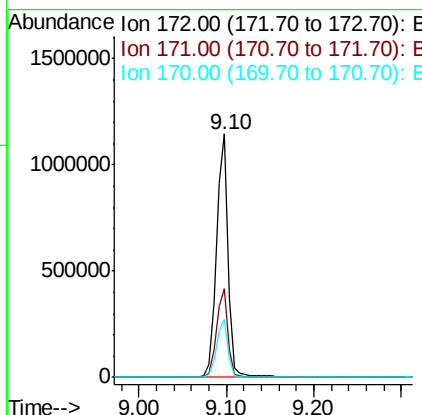
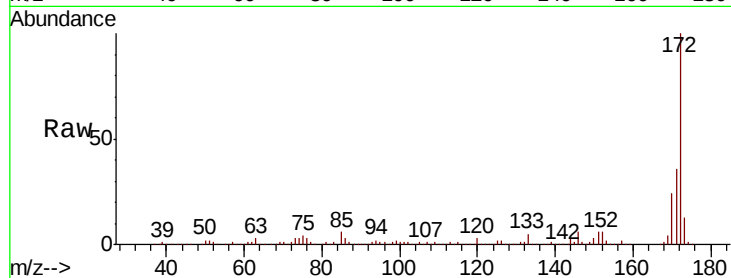


#45
 2-Fluorobiphenyl
 Concen: 69.508 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1058082

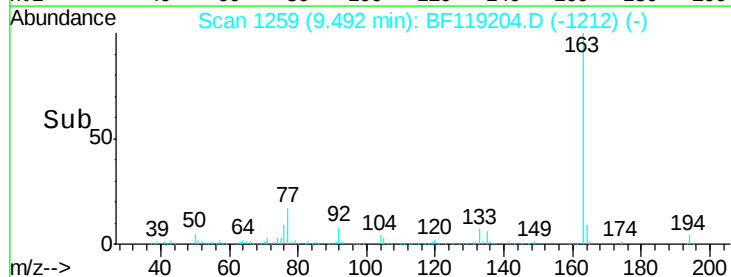
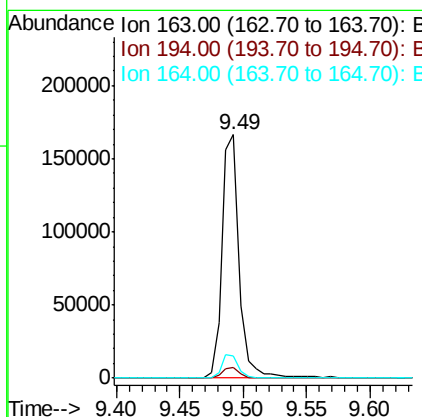
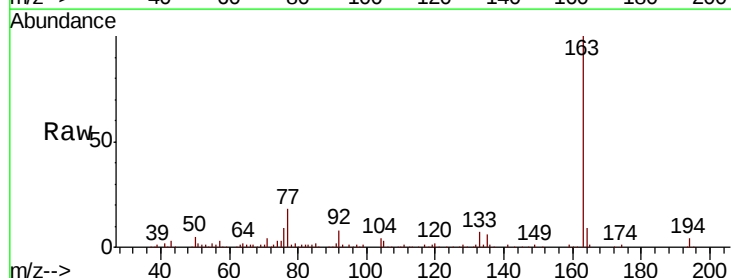
Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	24.0	20.2	30.2

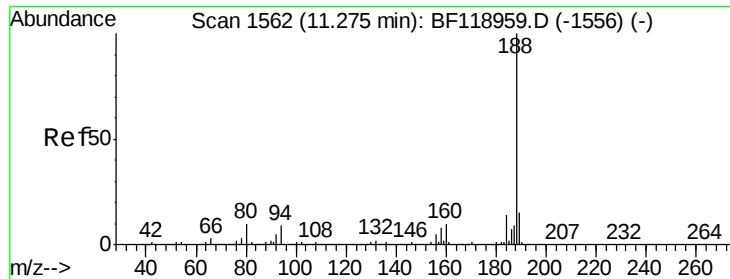


#50
 Dimethylphthalate
 Concen: 9.189 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

Tgt Ion:163 Resp: 157566

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.3	8.4	12.6

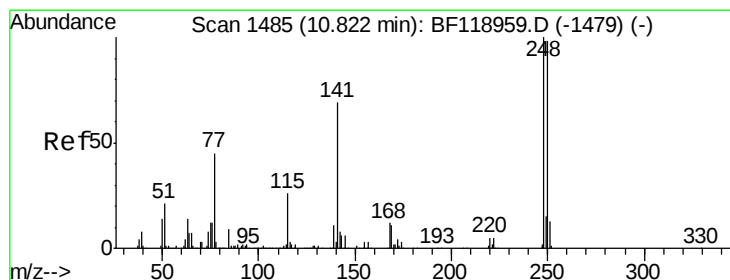
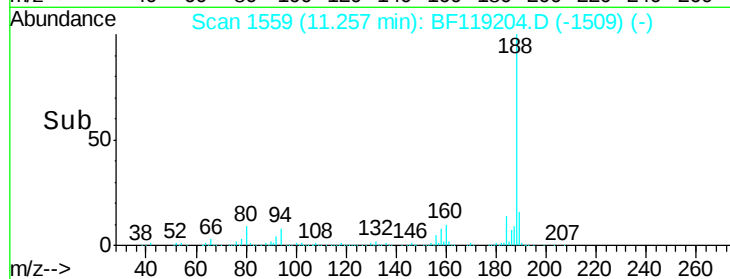
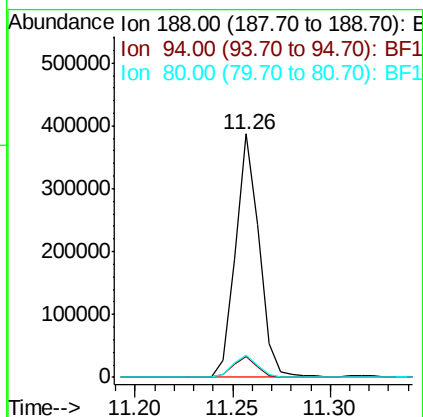
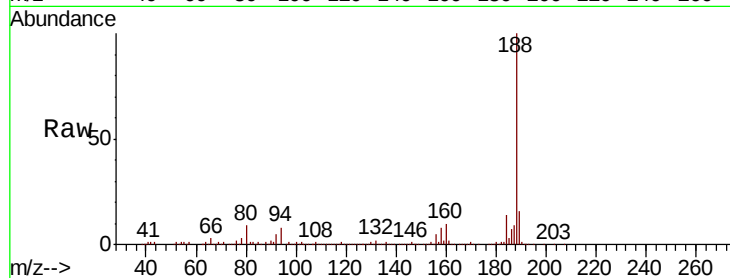




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

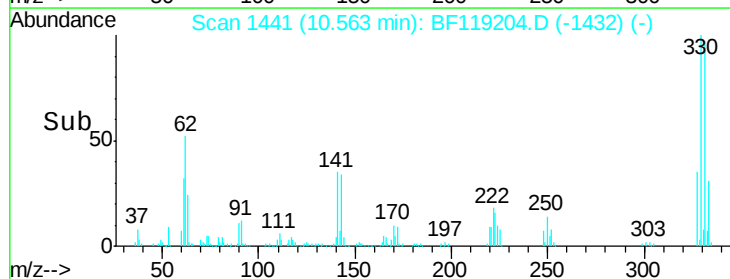
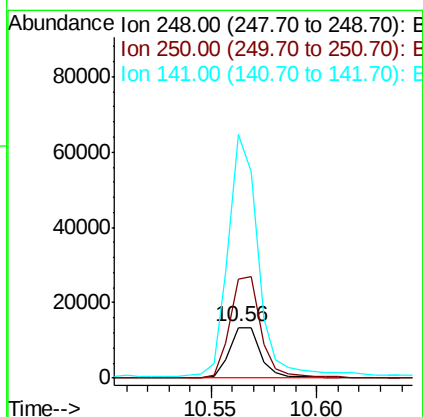
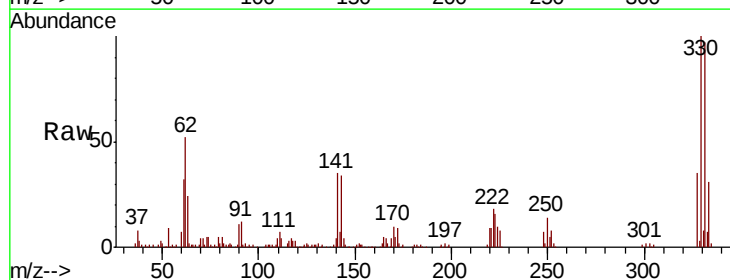
Instrument :
BNA_F
ClientSampleId :

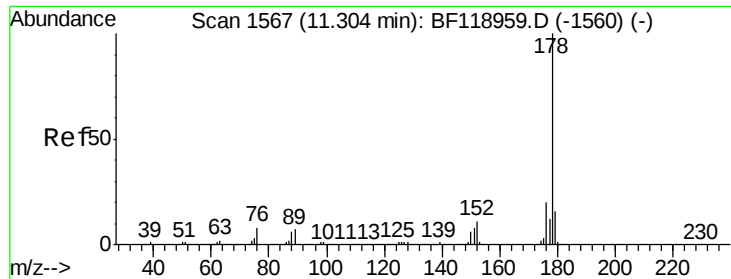
Tot Ion:188 Resp: 324773
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.2 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 3.219 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Tgt Ion:248 Resp: 13664
Ion Ratio Lower Upper
248 100
250 195.4 76.7 115.1#
141 477.7 60.7 91.1#





#71

Phenanthrene

Concen: 3.757 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

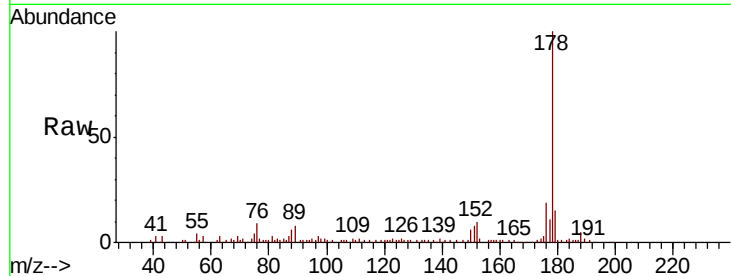
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 66545

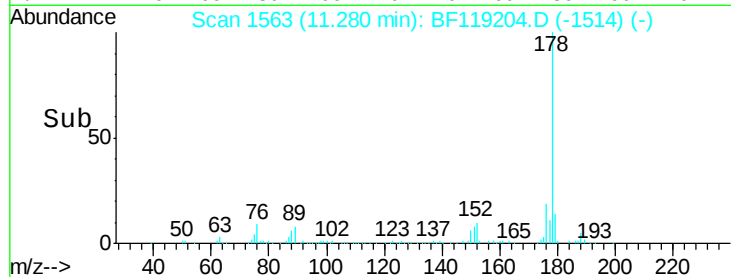
Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.5	24.7
179	15.1	13.0	19.6



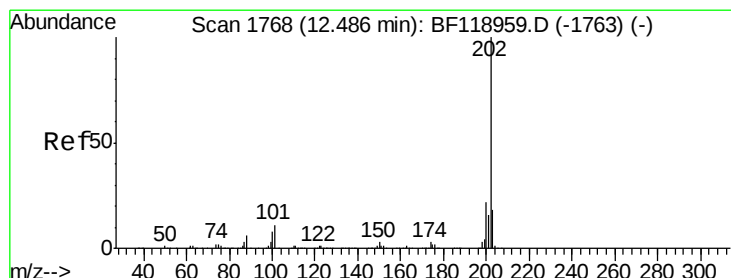
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Fluoranthene

Concen: 4.769 ng

RT: 12.47 min Scan# 1765

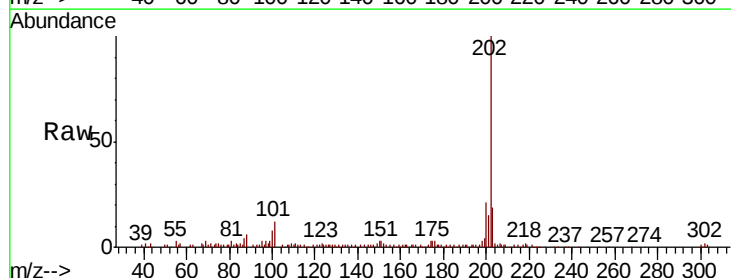
Delta R.T. -0.01 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

Tgt Ion:202 Resp: 89667

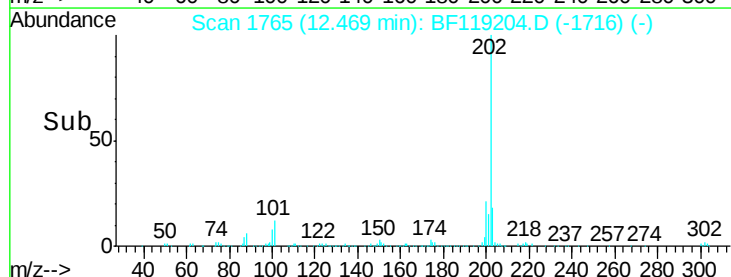
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
203	18.5	0.0	38.4



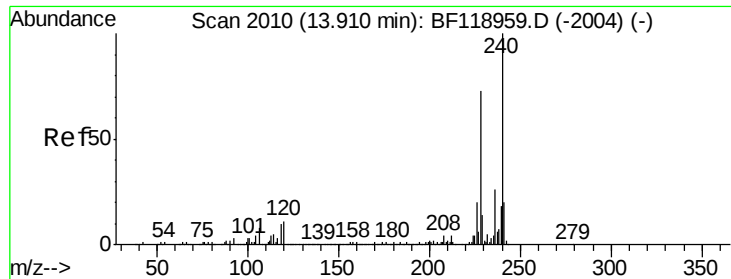
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



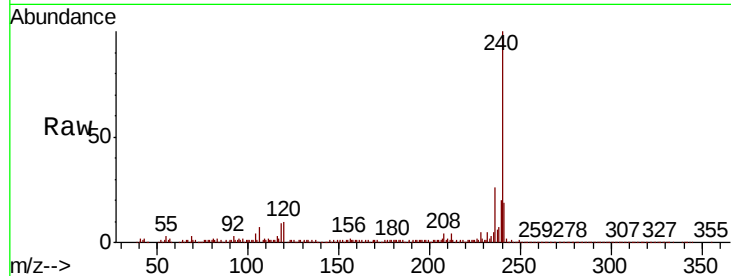
Time-->



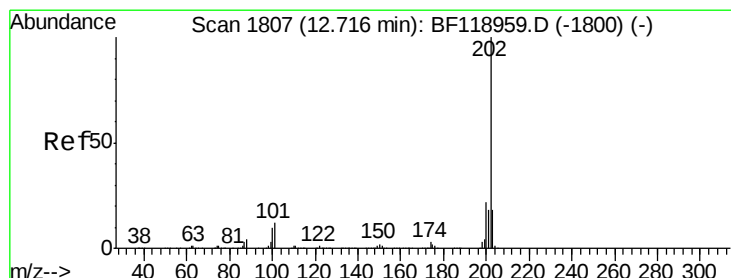
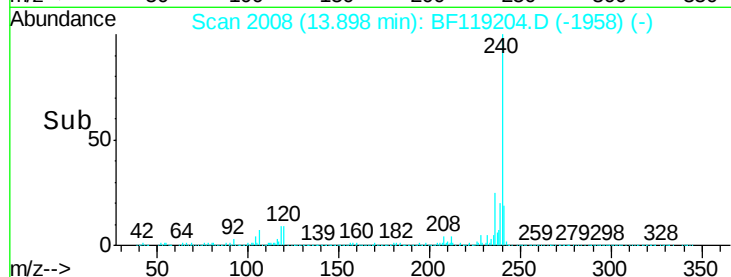
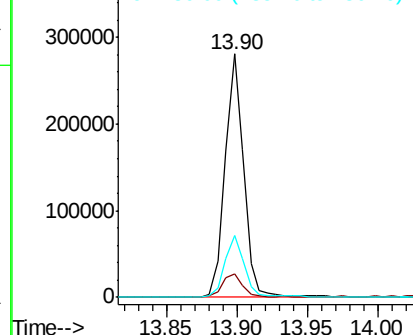
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 255574
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.6 21.0 31.4

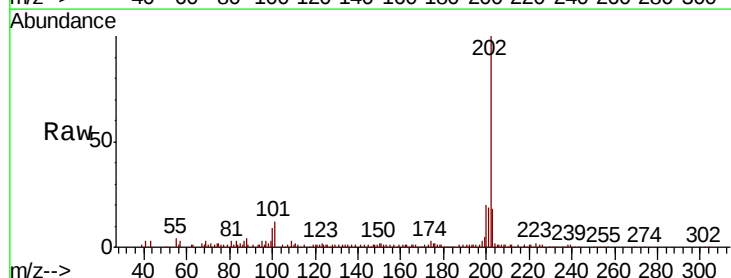


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

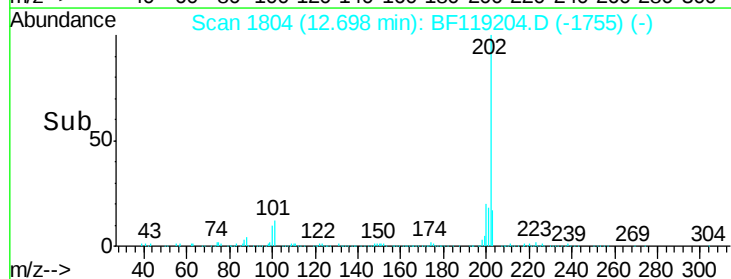
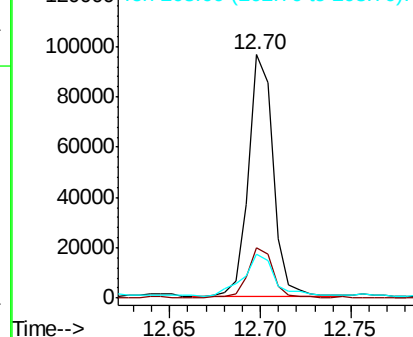


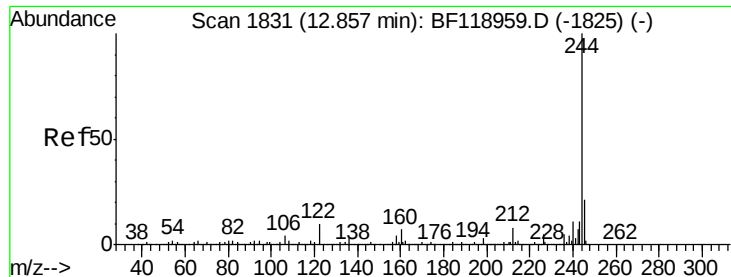
#78
Pyrene
Concen: 4.476 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Tgt Ion:202 Resp: 91856
Ion Ratio Lower Upper
202 100
200 20.5 18.0 27.0
203 18.0 14.6 22.0



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

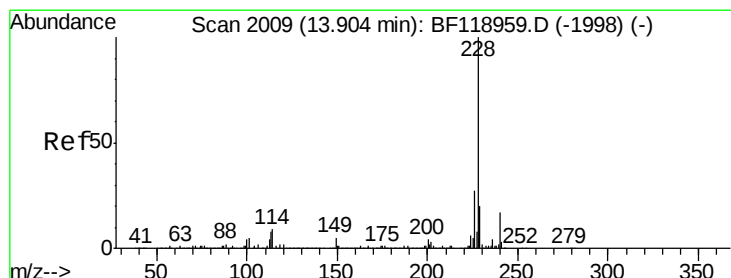
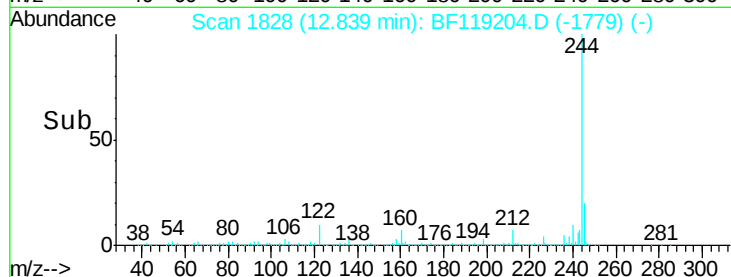
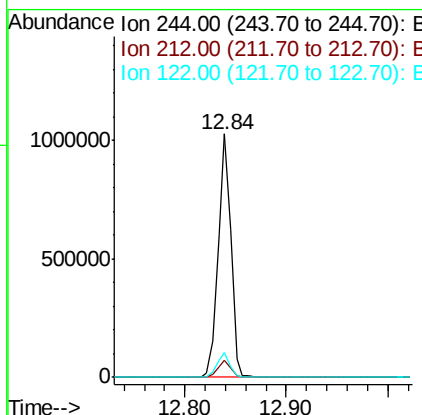
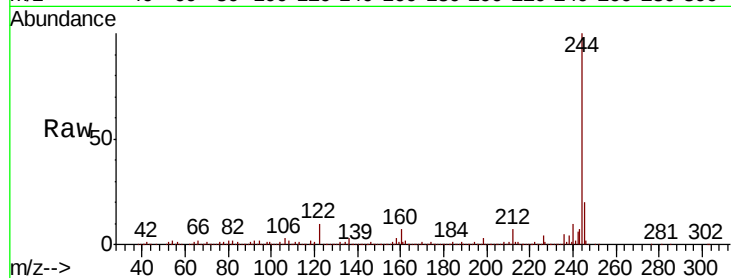




#79
 Terphenyl-d14
 Concen: 60.521 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

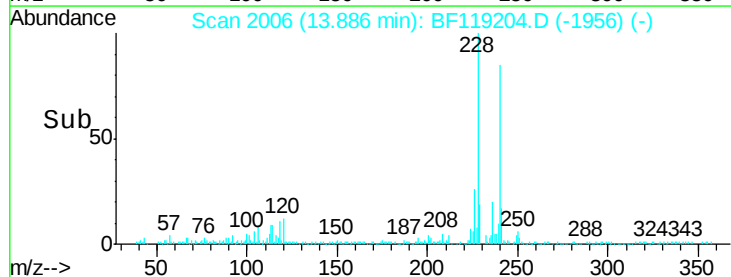
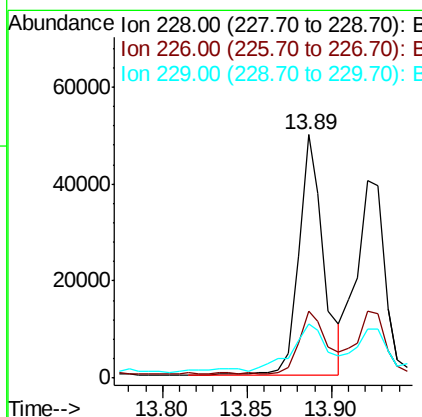
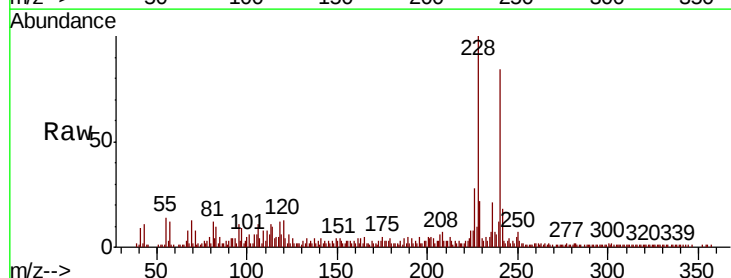
Instrument :
 BNA_F
 ClientSampled :

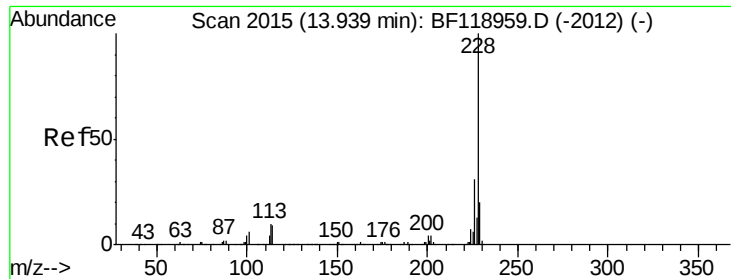
Tot Ion:244 Resp: 898397
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 10.2 8.2 12.2



#81
 Benzo(a)anthracene
 Concen: 2.924 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

Tgt Ion:228 Resp: 50917
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.6 33.8
 229 22.1 16.6 24.8

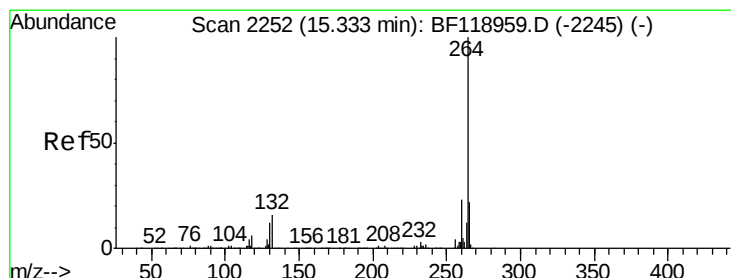
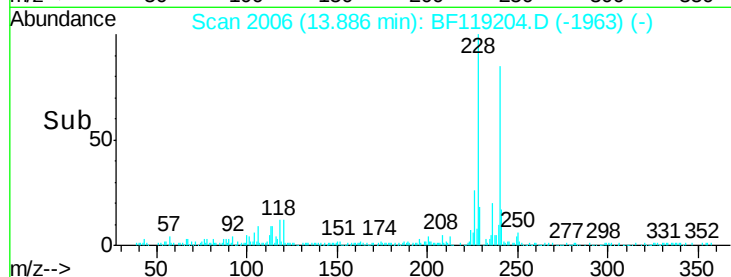
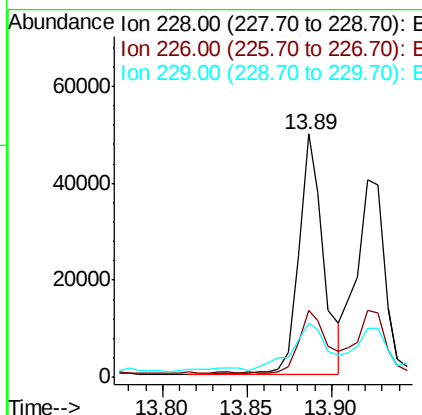
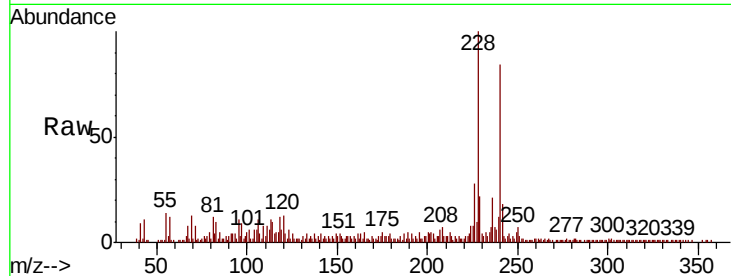




#83
 Chrysene
 Concen: 2.934 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.05 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

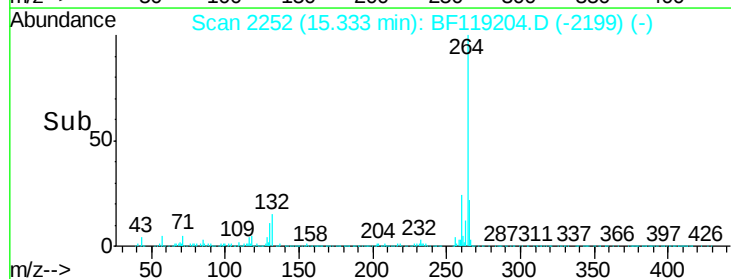
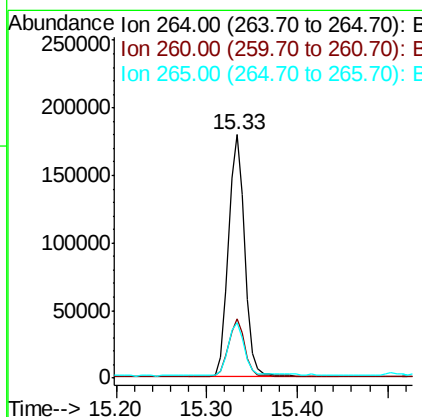
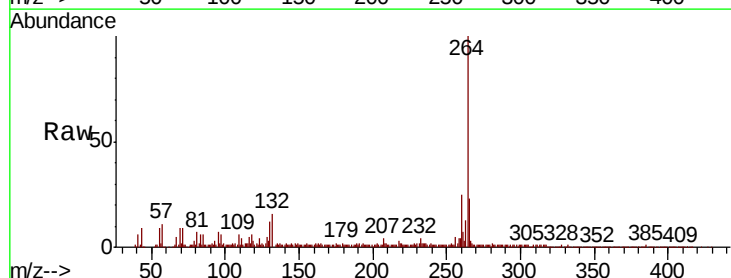
Instrument :
 BNA_F
 ClientSampleId :

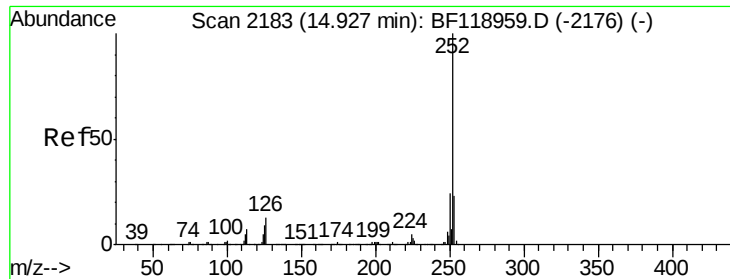
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	25.1	37.7
229	22.1	16.3	24.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.8	17.7	26.5

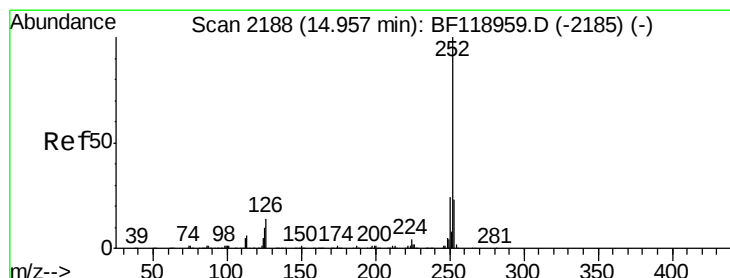
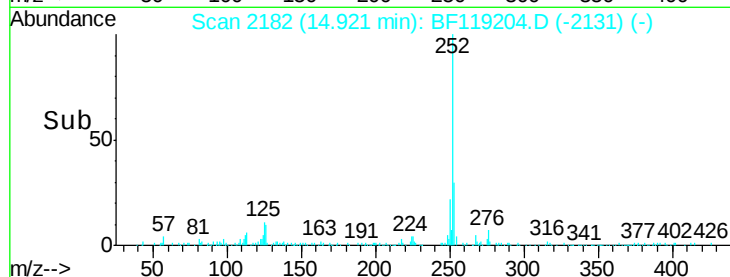
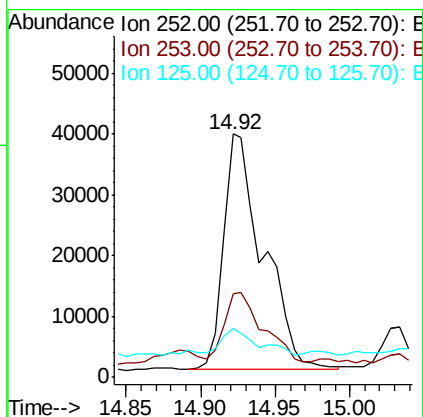
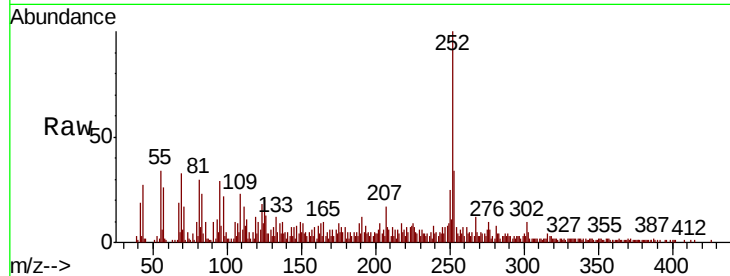




#88
Benzo(b)fluoranthene
Concen: 4.825 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

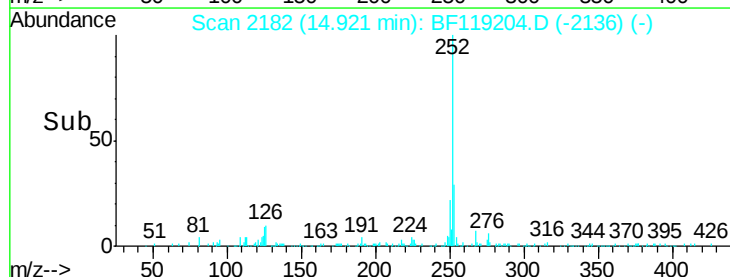
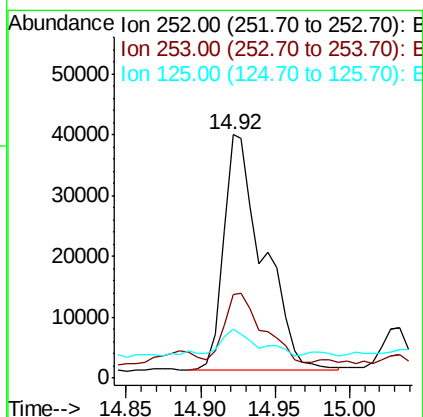
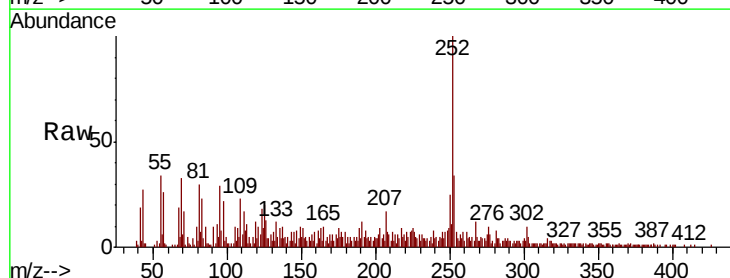
Instrument :
BNA_F
ClientSampleId :

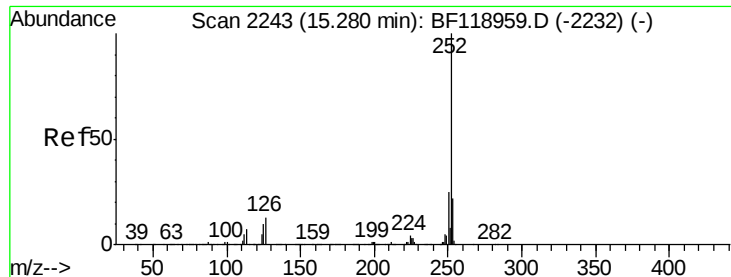
Tot Ion	Ratio	Lower	Upper
252	100		
253	34.3	18.1	27.1#
125	20.0	7.4	11.0#



#89
Benzo(k)fluoranthene
Concen: 5.201 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.03 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.3	17.8	26.8#
125	20.0	7.5	11.3#





#90

Benzo(a)pyrene

Concen: 2.713 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

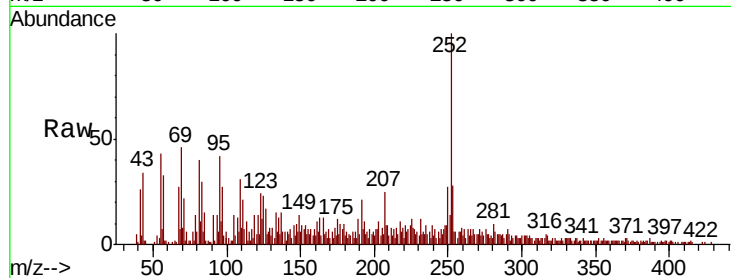
Tot Ion:252 Resp: 36400

Ion Ratio Lower Upper

252 100

253 27.7 18.0 27.0#

125 22.7 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

