

Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200055

Quant Time: Jan 23 06:42:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	344752	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1309483	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	750228	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1421844	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1047997	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1051219	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1745153	94.02	ng	0.00
7) Phenol-d6	6.50	99	2213640	91.75	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1408688	60.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	773082	89.09	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2567565	56.25	ng	-0.01
79) Terphenyl-d14	12.99	244	3128495	65.11	ng	0.00

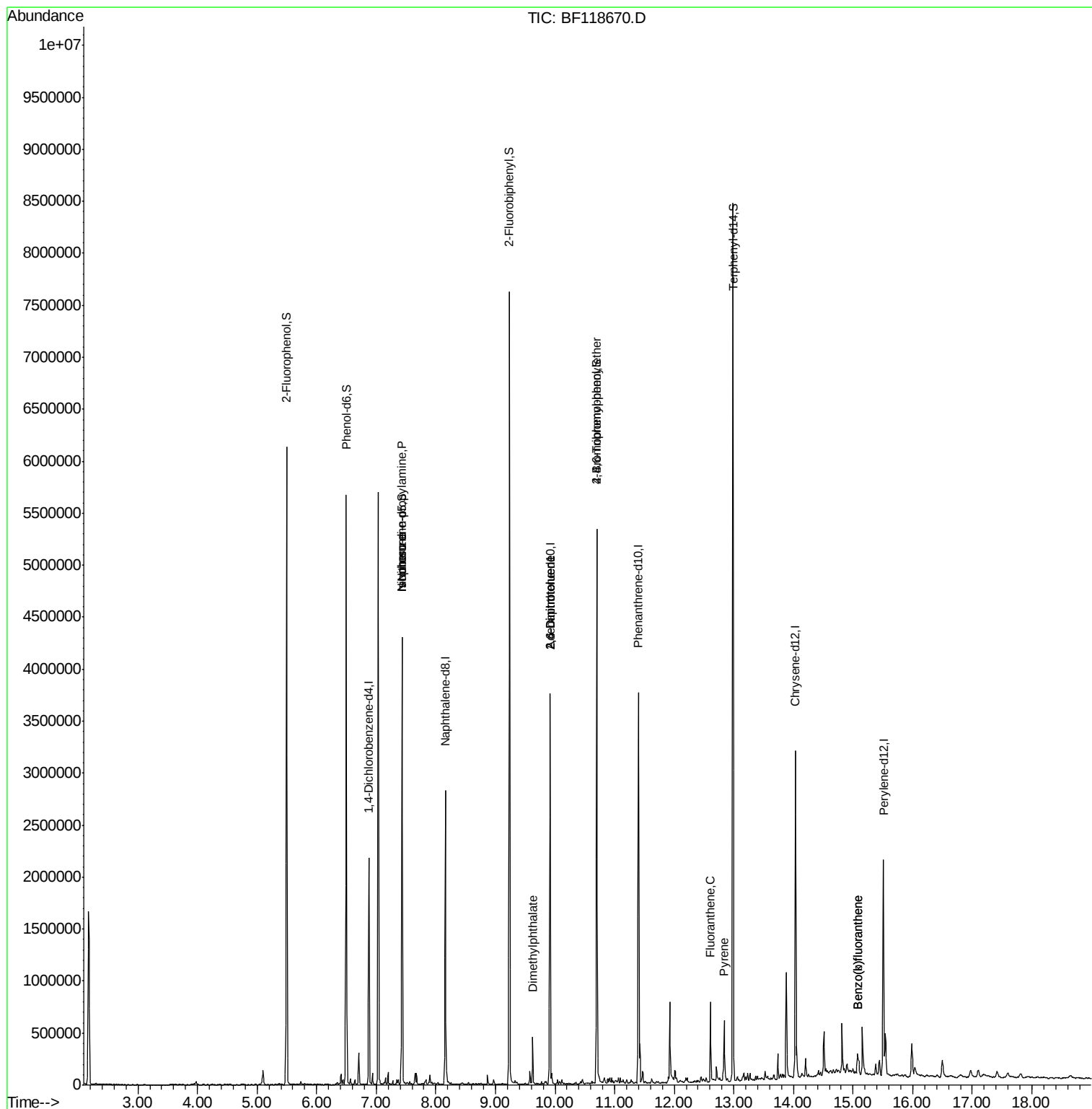
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.43	70	192169	11.796	ng	# 75
25) Isophorone	7.43	82	1408675	32.989	ng	# 64
50) Dimethylphthalate	9.62	163	191181	3.911	ng	96
51) 2,6-Dinitrotoluene	9.92	165	97837	8.939	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	97842	7.091	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	47818	2.722	ng	# 1
75) Fluoranthene	12.61	202	281229	3.887	ng	94
78) Pyrene	12.84	202	246233	3.461	ng	# 91
88) Benzo(b)fluoranthene	15.07	252	151358	2.291	ng	98
89) Benzo(k)fluoranthene	15.07	252	151358	2.472	ng	98

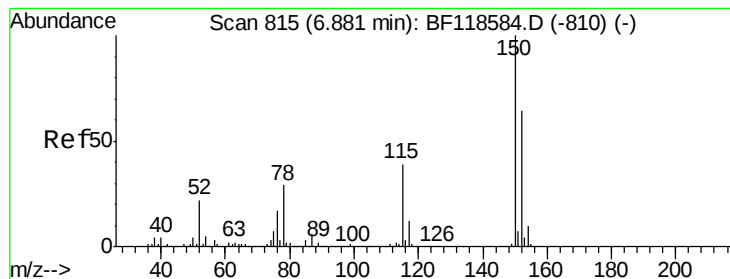
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200055

Quant Time: Jan 23 06:42:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration



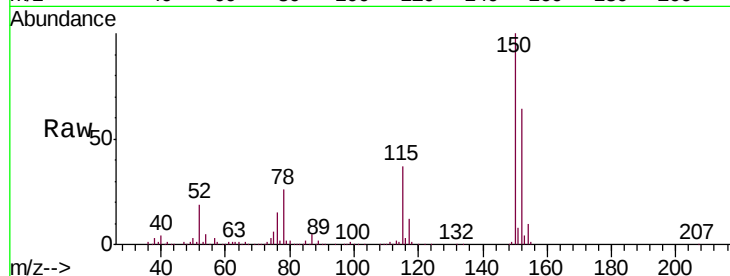


#1

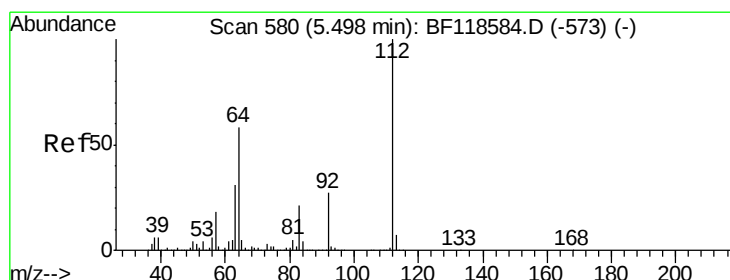
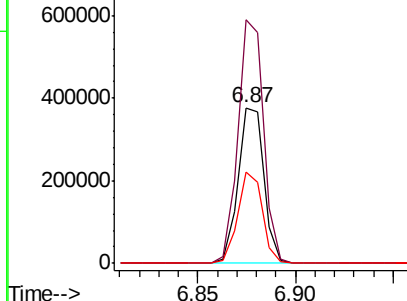
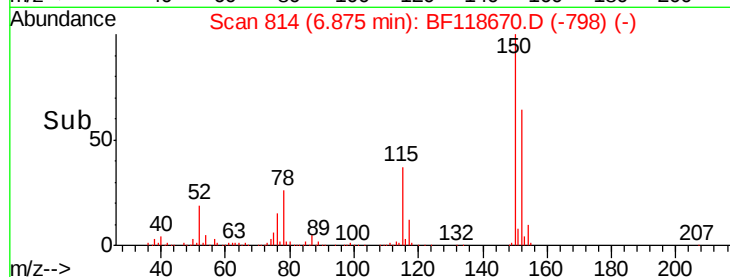
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

Instrument :
BNA_F
ClientSampleId :
RBR-200055

Tgt Ion:152 Resp: 344752
Ion Ratio Lower Upper
152 100
150 156.4 125.6 188.4
115 58.7 48.4 72.6



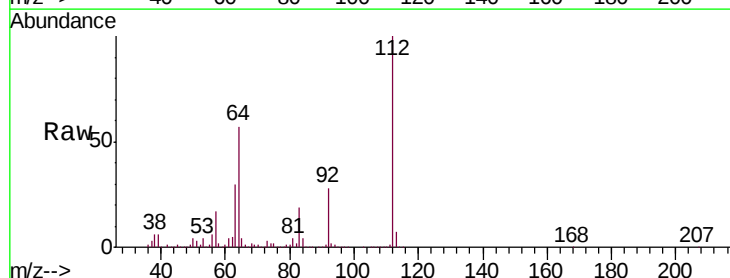
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



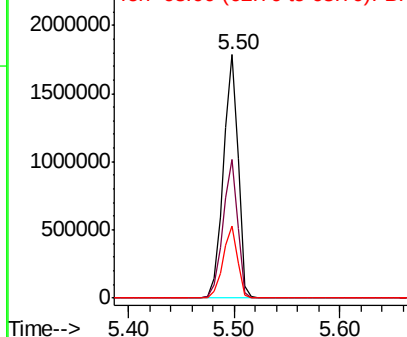
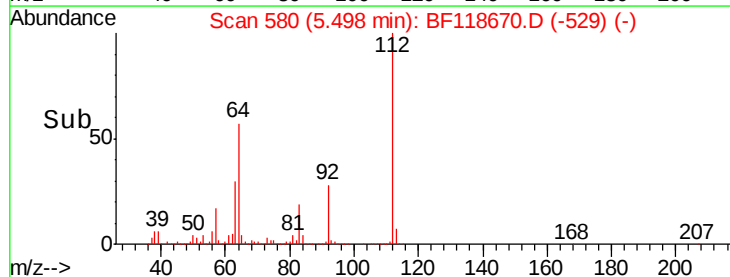
#5

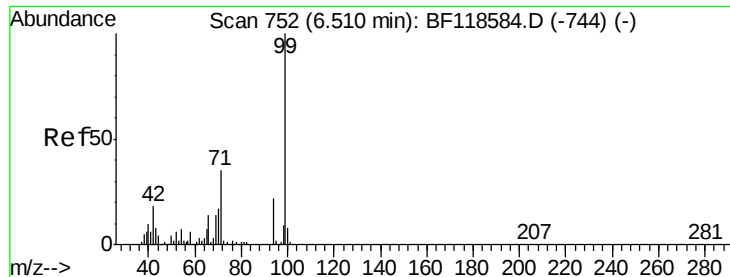
2-Fluorophenol
Concen: 94.015 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

Tgt Ion:112 Resp: 1745153
Ion Ratio Lower Upper
112 100
64 56.8 46.6 70.0
63 29.8 25.1 37.7



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: 91.752 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118670.D

Acq: 22 Jan 2020 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-200055

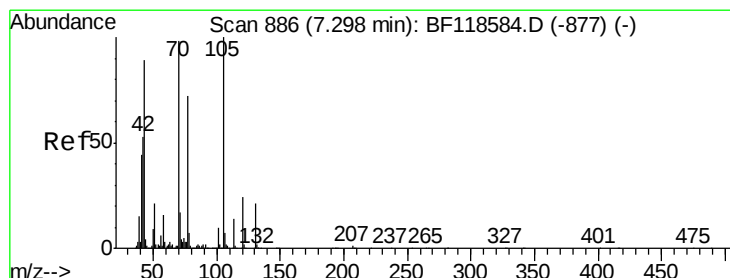
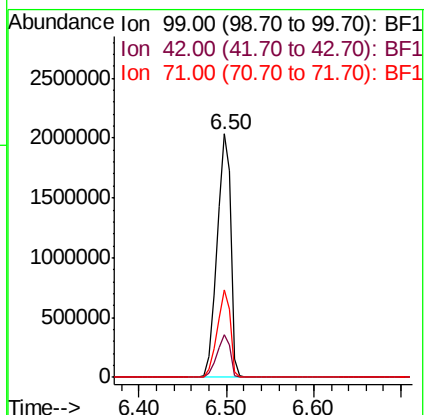
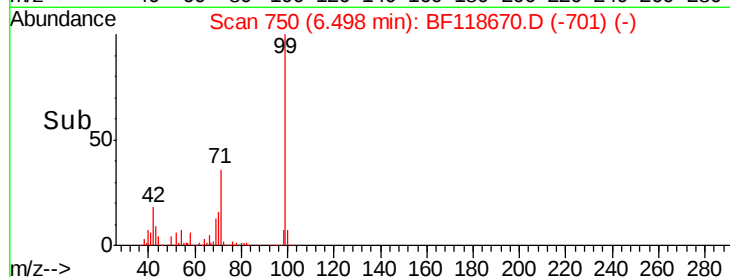
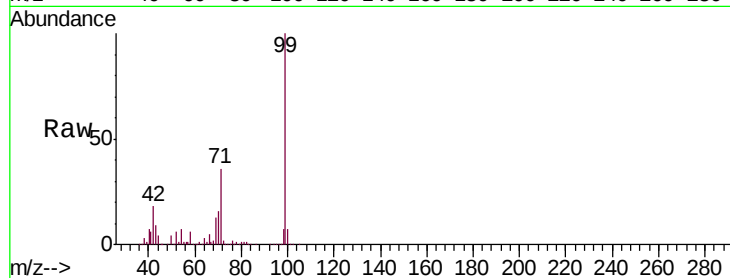
Tgt Ion: 99 Resp: 2213640

Ion Ratio Lower Upper

99 100

42 17.7 14.2 21.2

71 35.9 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.796 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF118670.D

Acq: 22 Jan 2020 18:42

Tgt Ion: 70 Resp: 192169

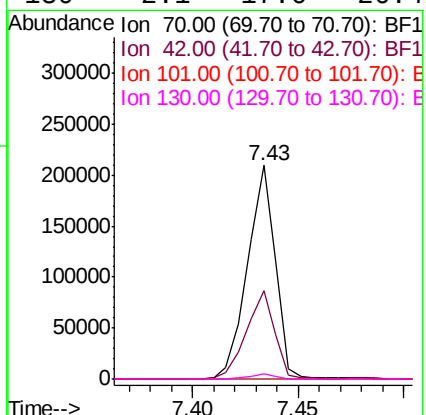
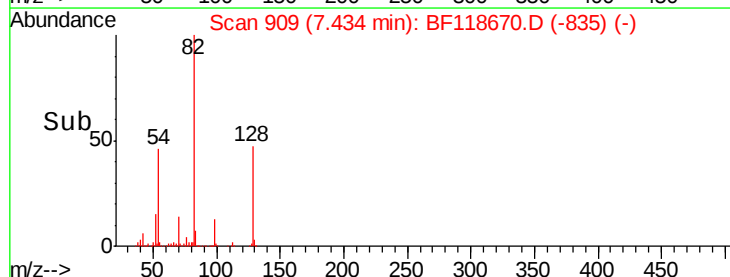
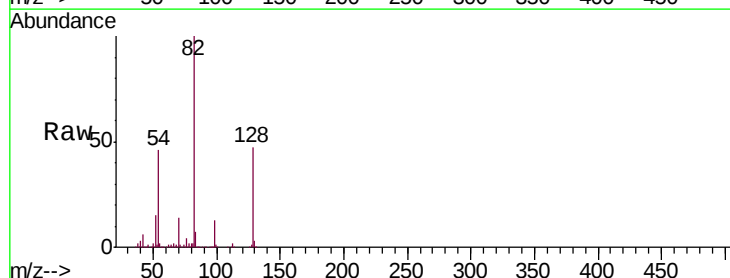
Ion Ratio Lower Upper

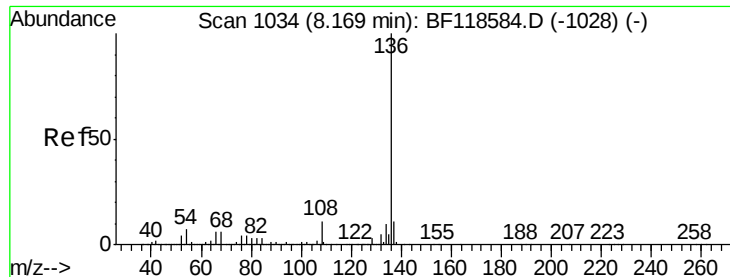
70 100

42 41.3 43.4 65.0#

101 0.0 8.1 12.1#

130 2.1 17.6 26.4#

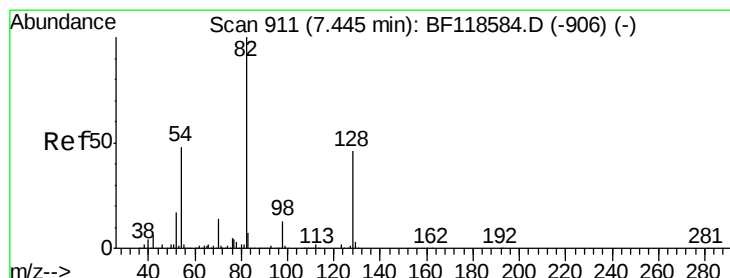
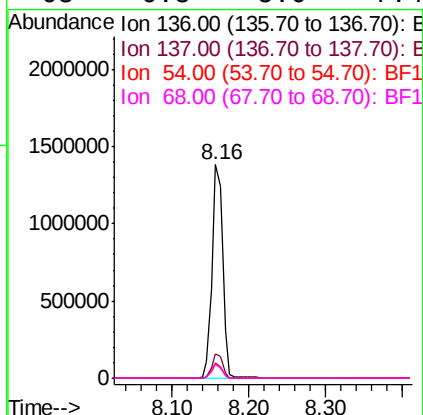
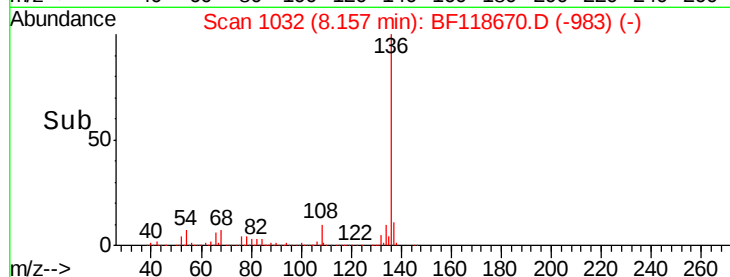
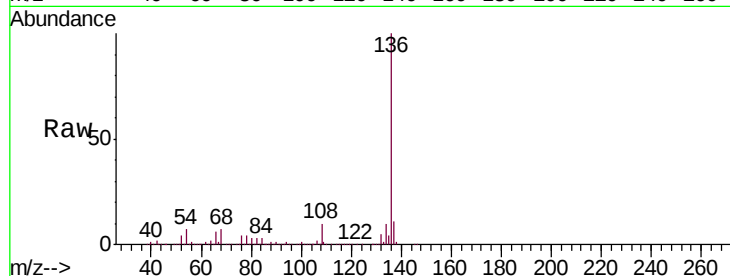




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

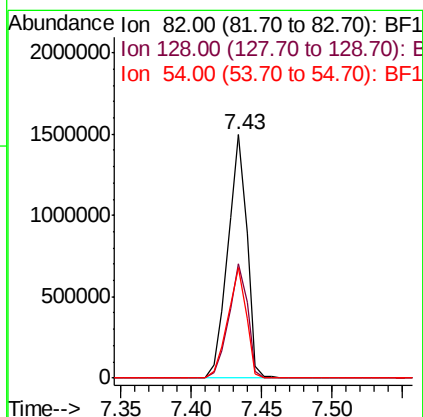
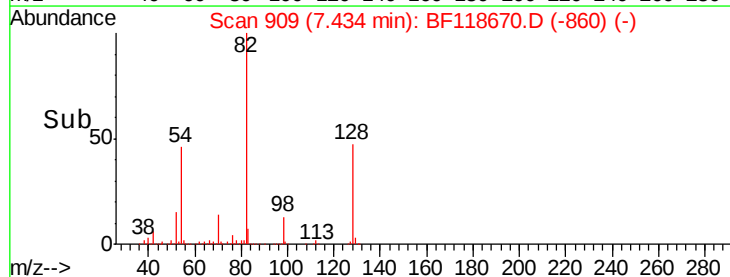
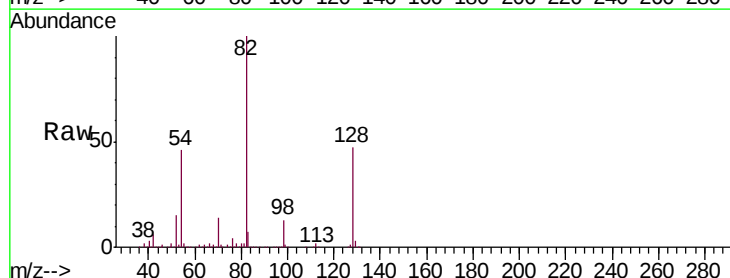
Instrument :
BNA_F
ClientSampleId :
RBR-200055

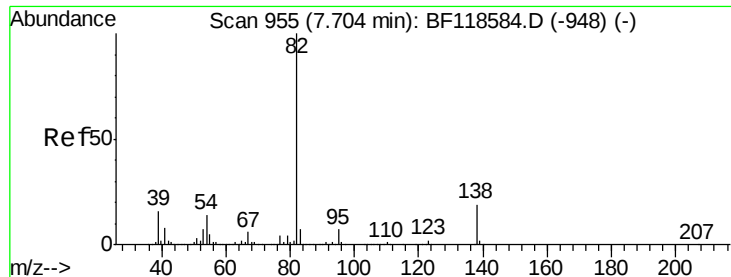
Tgt Ion:	136	Resp:	1309483
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.5	5.8	8.6
68	6.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 60.171 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

Tgt Ion:	82	Resp:	1408688
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.6	54.8
54	45.6	38.0	57.0





#25

Isophorone

Concen: 32.989 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF118670.D

Acq: 22 Jan 2020 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-200055

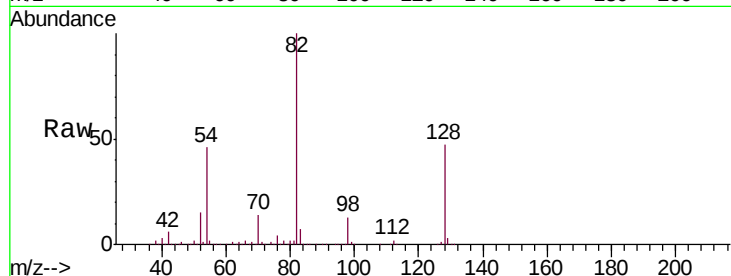
Tgt Ion: 82 Resp: 1408675

Ion Ratio Lower Upper

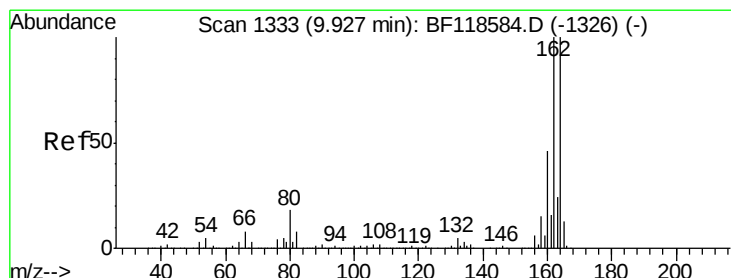
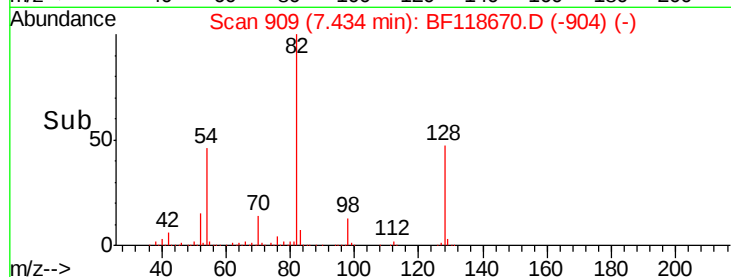
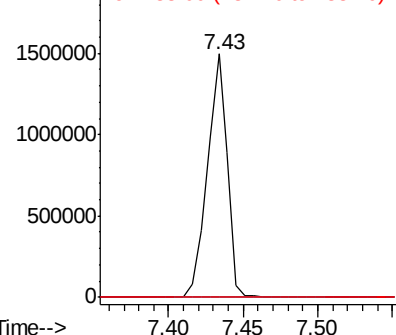
82 100

95 0.0 5.9 8.9#

138 0.0 15.3 22.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118670.D

Acq: 22 Jan 2020 18:42

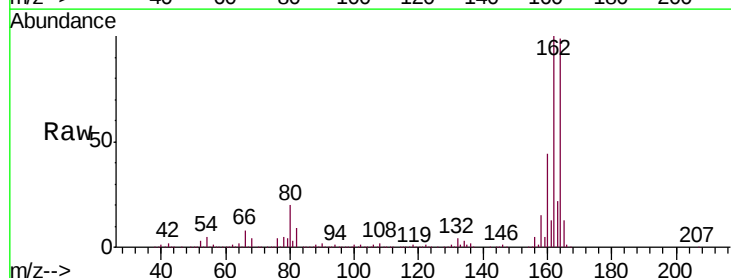
Tgt Ion: 164 Resp: 750228

Ion Ratio Lower Upper

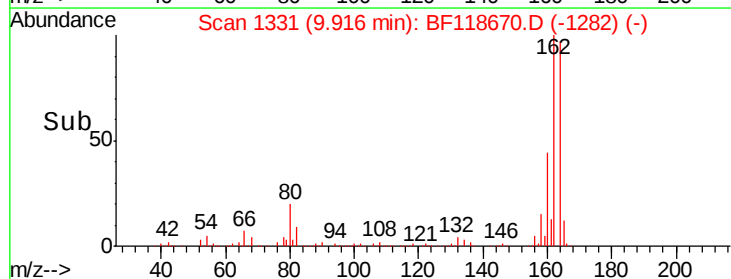
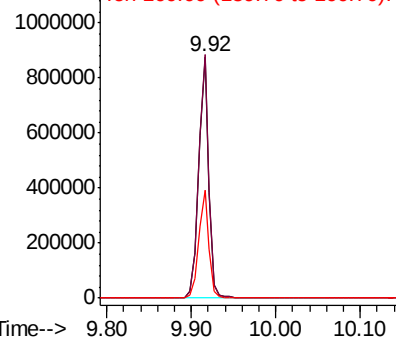
164 100

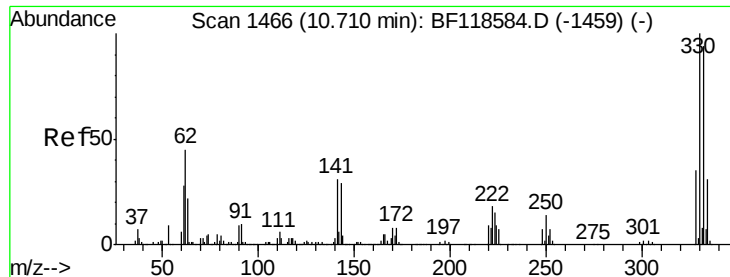
162 100.9 80.4 120.6

160 44.7 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E
1200000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

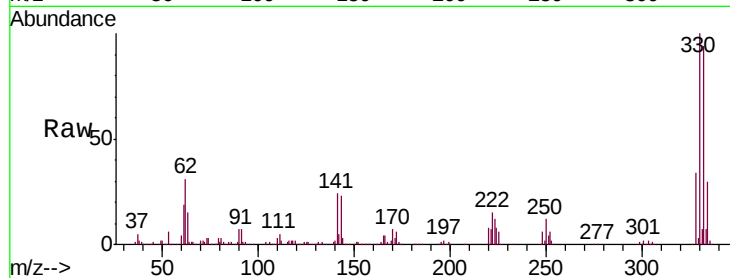




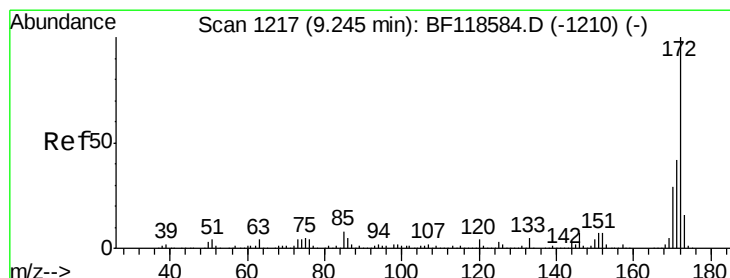
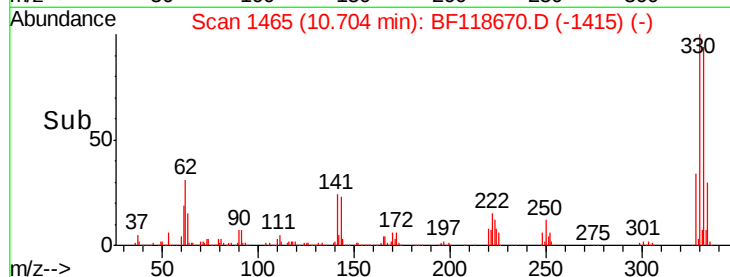
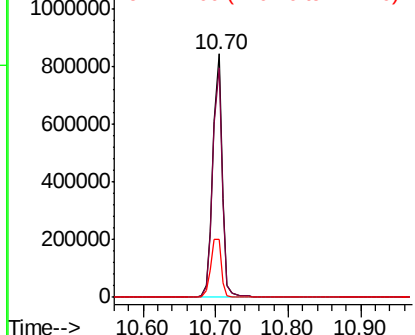
#42
 2,4,6-Tribromophenol
 Concen: 89.092 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118670.D
 Acq: 22 Jan 2020 18:42

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200055

Tgt Ion:330 Resp: 773082
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 27.4 23.9 35.9

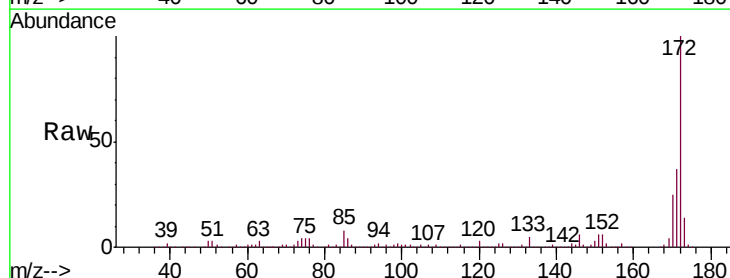


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

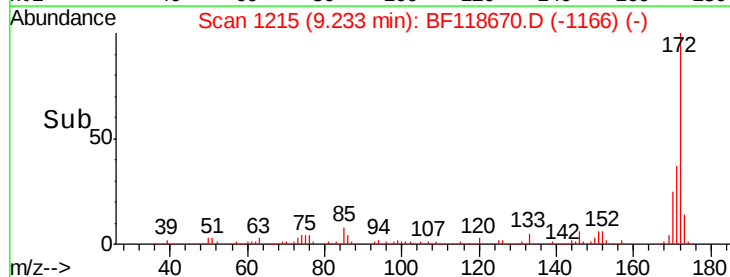
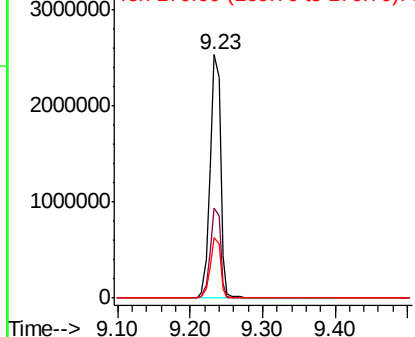


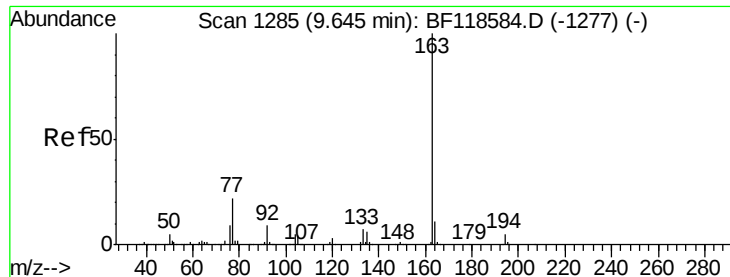
#45
 2-Fluorobiphenyl
 Concen: 56.251 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118670.D
 Acq: 22 Jan 2020 18:42

Tgt Ion:172 Resp: 2567565
 Ion Ratio Lower Upper
 172 100
 171 37.0 33.4 50.2
 170 25.0 23.2 34.8



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: 3.911 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118670.D

Acq: 22 Jan 2020 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-200055

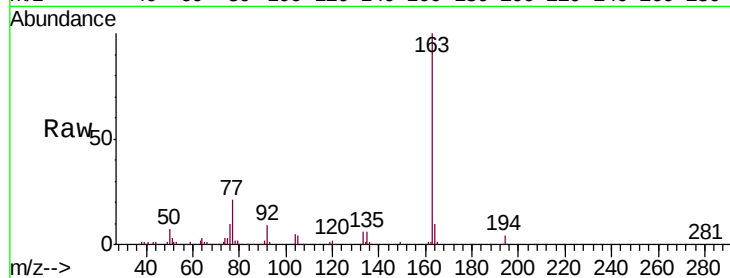
Tgt Ion:163 Resp: 191181

Ion Ratio Lower Upper

163 100

194 4.2 3.9 5.9

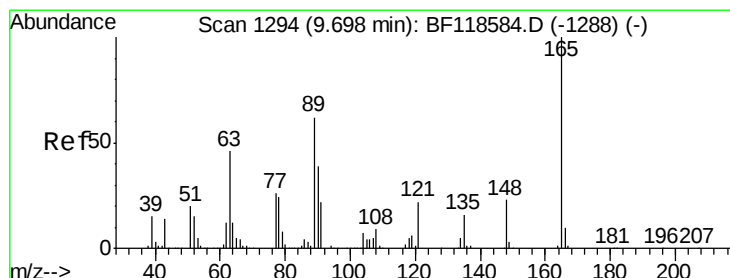
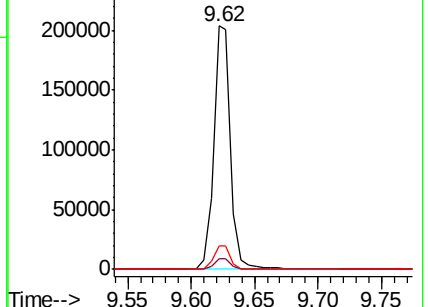
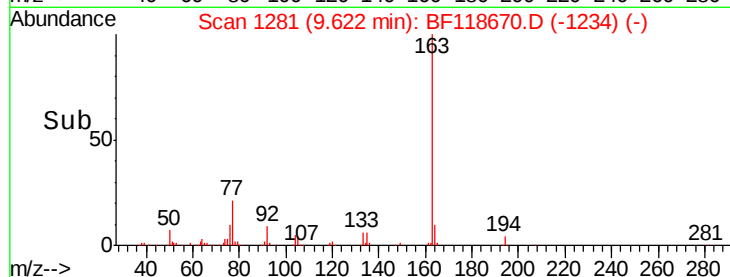
164 9.6 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.939 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.22 min

Lab File: BF118670.D

Acq: 22 Jan 2020 18:42

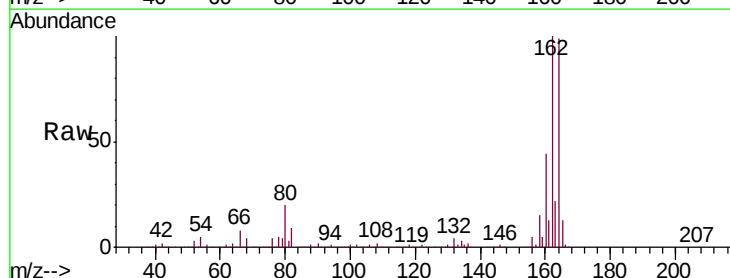
Tgt Ion:165 Resp: 97837

Ion Ratio Lower Upper

165 100

63 1.0 48.9 73.3#

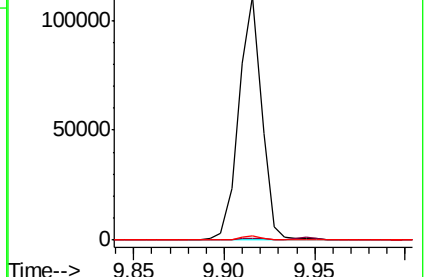
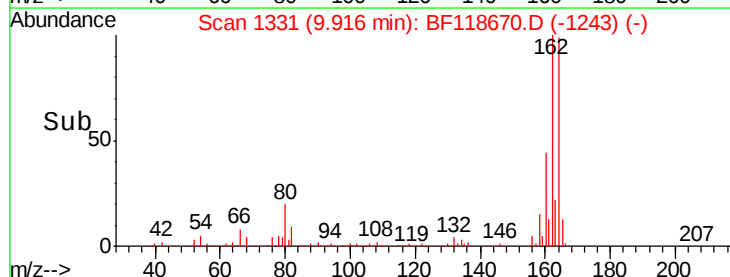
89 1.5 49.8 74.6#

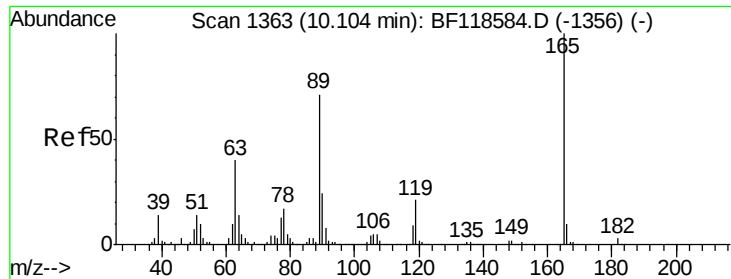


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

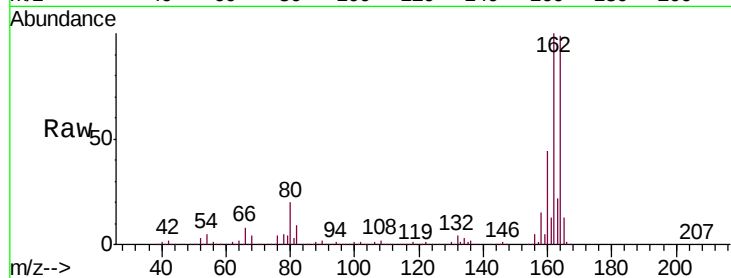




#57
 2,4-Dinitrotoluene
 Concen: 7.091 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118670.D
 Acq: 22 Jan 2020 18:42

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200055

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.5	56.4	84.6#
182	0.0	2.3	3.5#

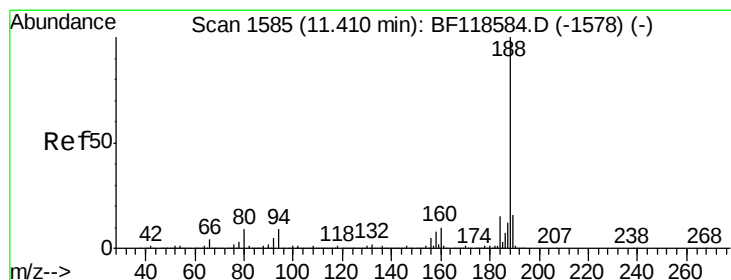
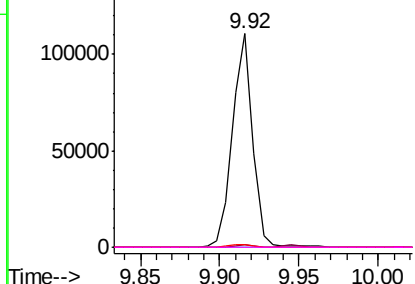
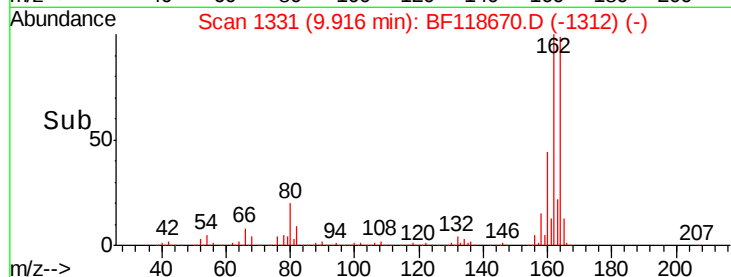


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

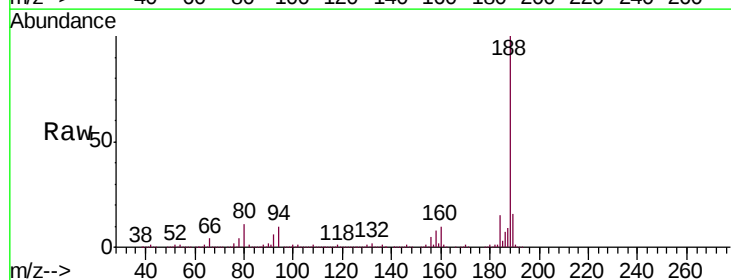
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118670.D
 Acq: 22 Jan 2020 18:42

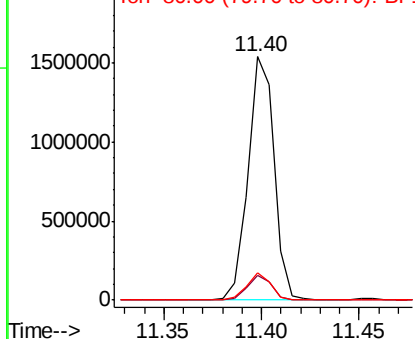
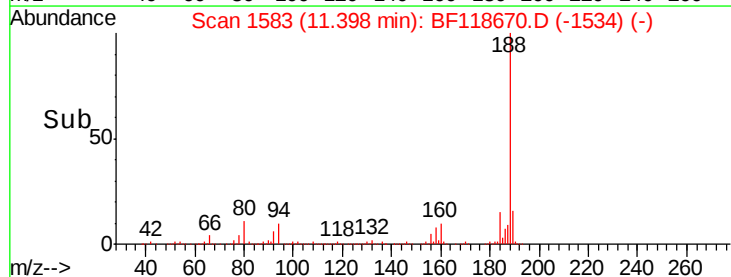
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.1	10.7
80	11.2	7.5	11.3

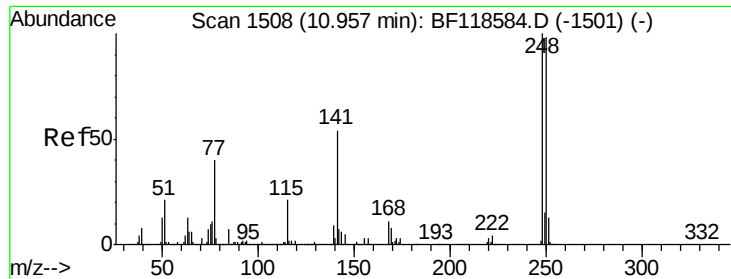


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

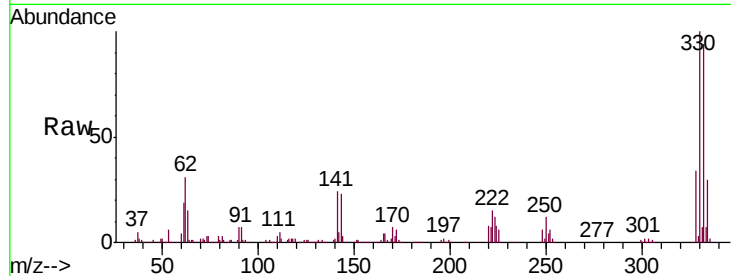




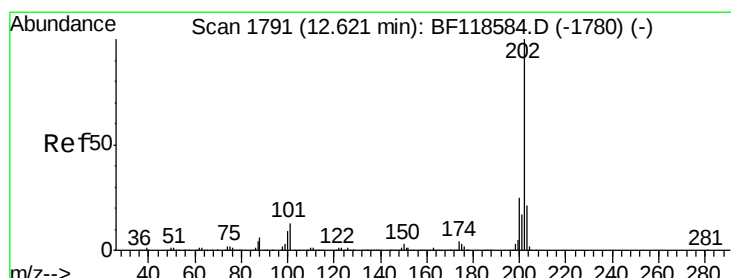
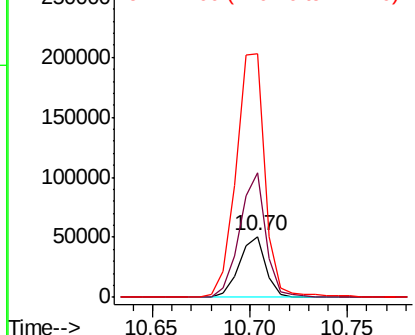
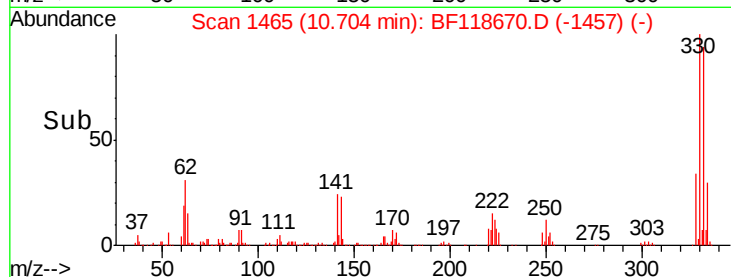
#67
 4-Bromophenyl-phenylether
 Concen: 2.722 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF118670.D
 Acq: 22 Jan 2020 18:42

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200055

Tgt Ion:248 Resp: 47818
 Ion Ratio Lower Upper
 248 100
 250 203.6 78.7 118.1#
 141 399.8 43.2 64.8#

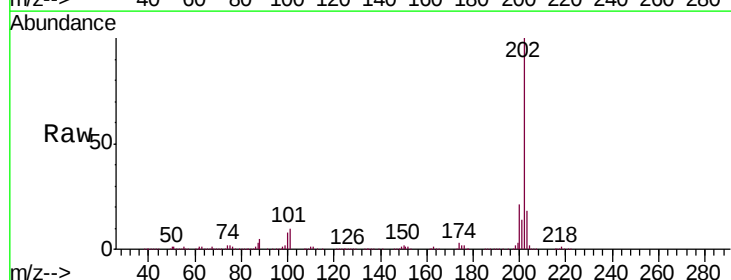


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

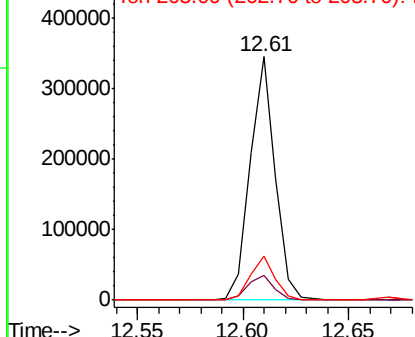
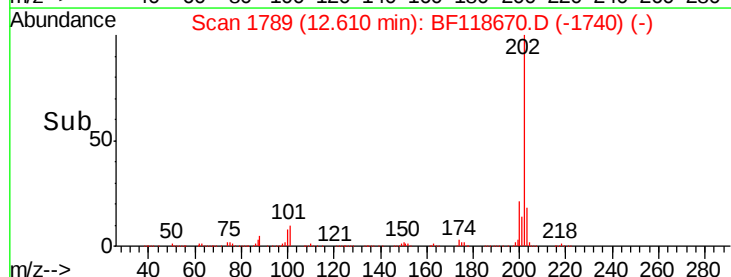


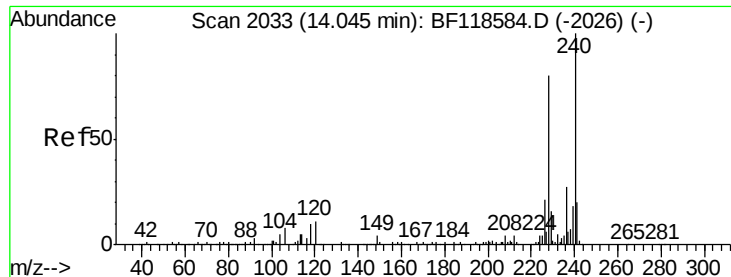
#75
 Fluoranthene
 Concen: 3.887 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BF118670.D
 Acq: 22 Jan 2020 18:42

Tgt Ion:202 Resp: 281229
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 32.5
 203 17.8 0.8 40.8



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

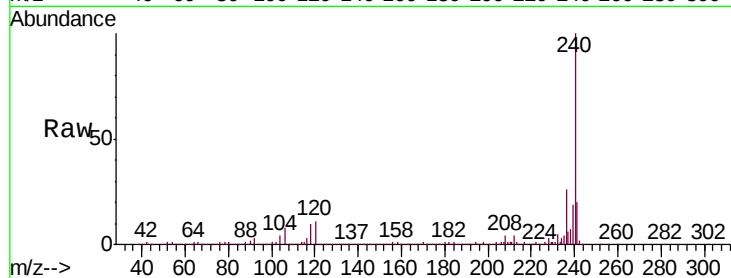




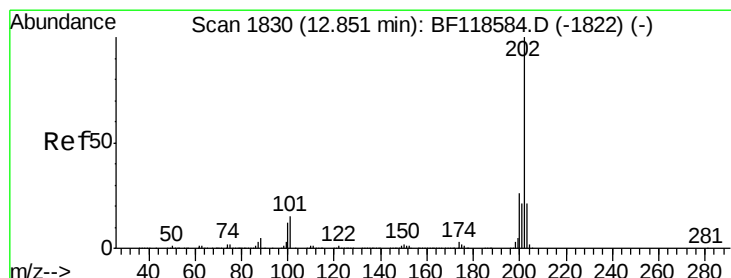
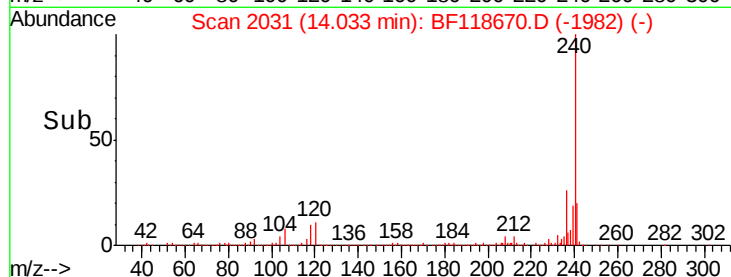
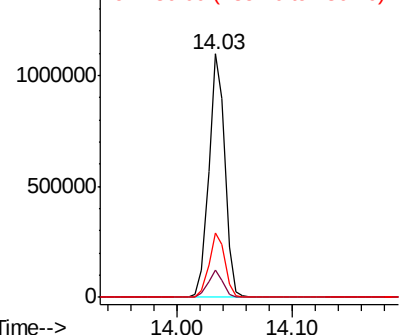
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

Instrument :
BNA_F
ClientSampleId :
RBR-200055

Tgt Ion:240 Resp: 1047997
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.4 21.5 32.3

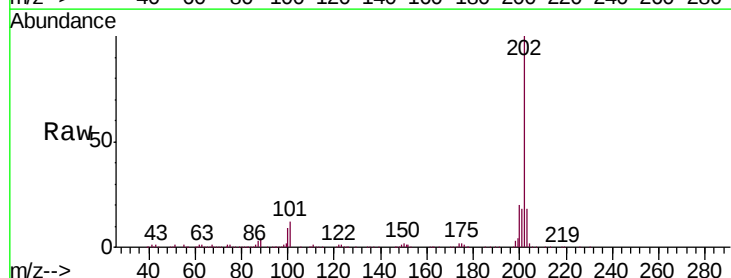


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

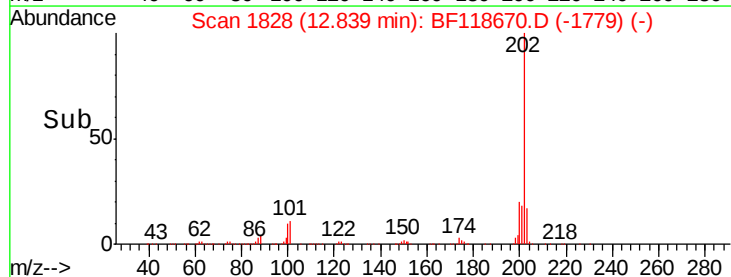
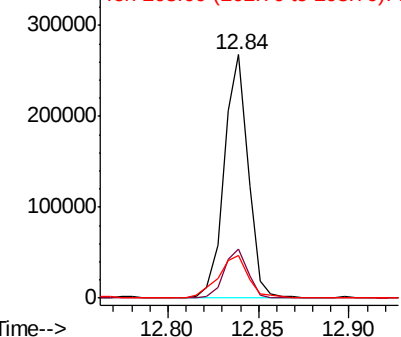


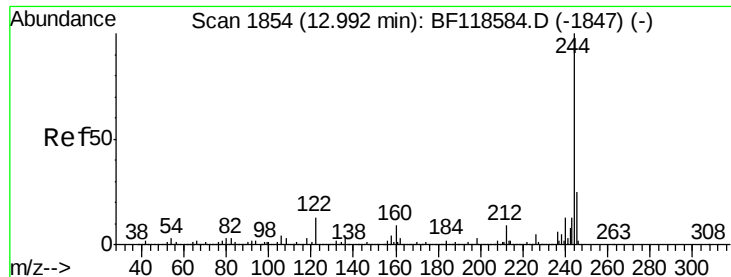
#78
Pyrene
Concen: 3.461 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

Tgt Ion:202 Resp: 246233
Ion Ratio Lower Upper
202 100
200 19.9 20.6 31.0#
203 17.8 16.8 25.2



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: 65.110 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118670.D

Acq: 22 Jan 2020 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-200055

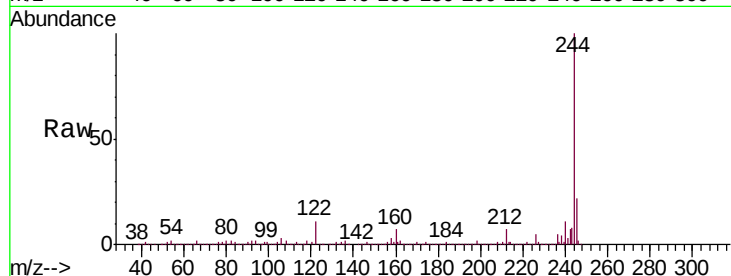
Tgt Ion:244 Resp: 3128495

Ion Ratio Lower Upper

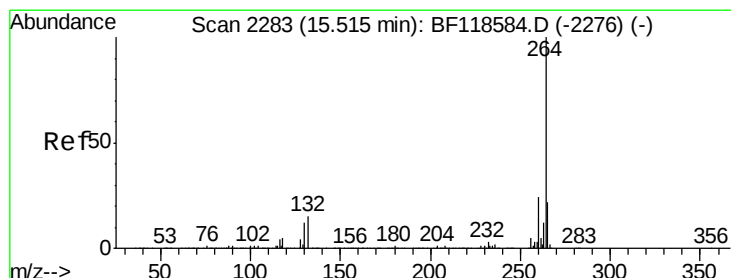
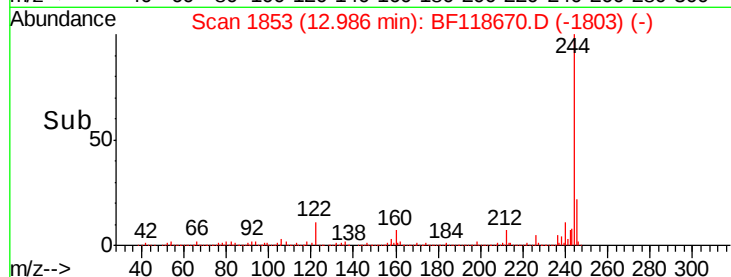
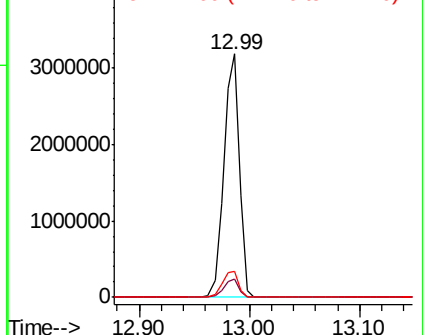
244 100

212 7.4 7.0 10.4

122 10.5 10.7 16.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118670.D

Acq: 22 Jan 2020 18:42

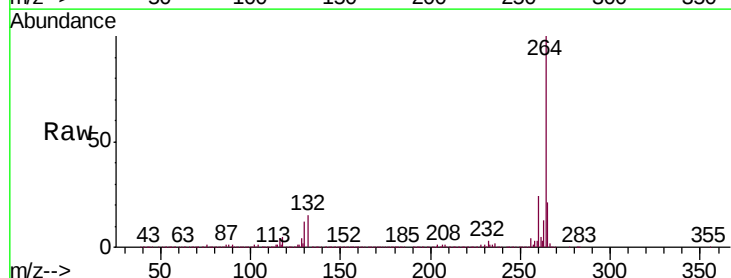
Tgt Ion:264 Resp: 1051219

Ion Ratio Lower Upper

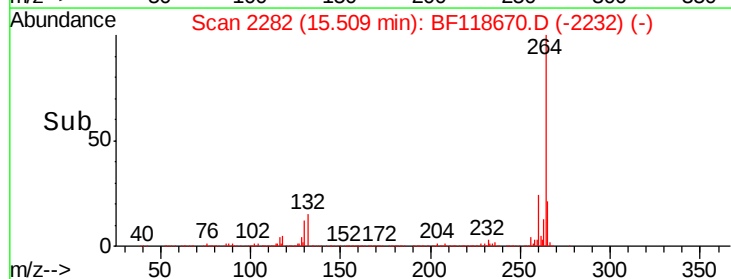
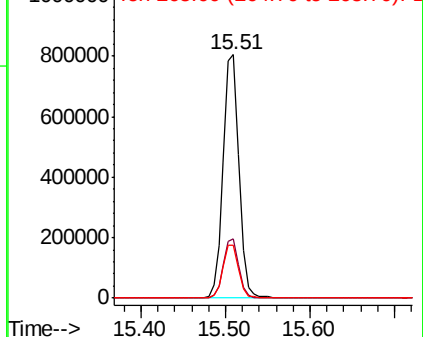
264 100

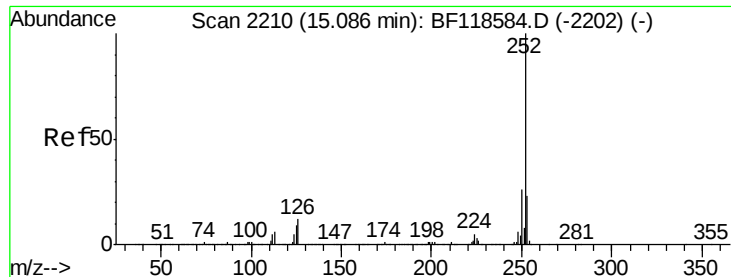
260 24.2 19.6 29.4

265 21.5 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

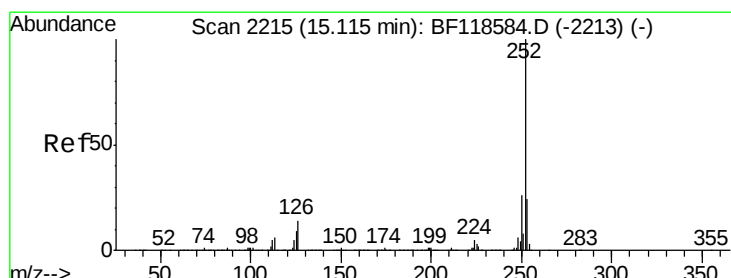
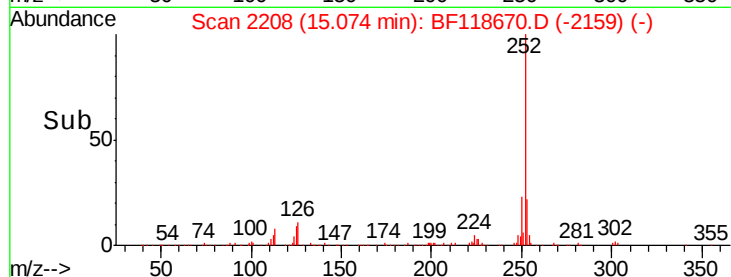
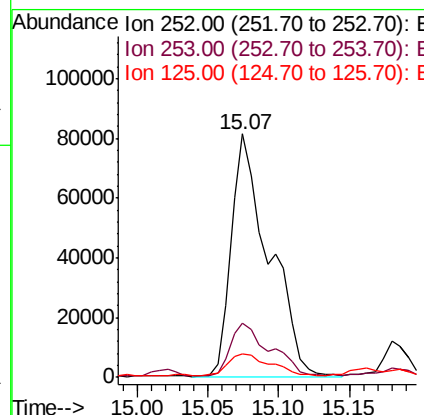
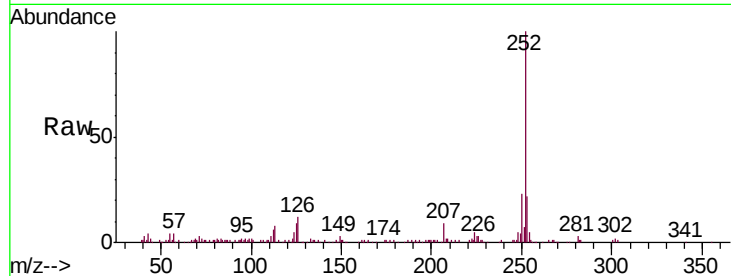




#88
Benzo(b)fluoranthene
Concen: 2.291 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

Instrument :
BNA_F
ClientSampleId :
RBR-200055

Tgt Ion:252 Resp: 151358
Ion Ratio Lower Upper
252 100
253 22.4 18.7 28.1
125 9.5 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 2.472 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

Tgt Ion:252 Resp: 151358
Ion Ratio Lower Upper
252 100
253 22.4 19.0 28.4
125 9.5 7.6 11.4

