

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 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 07:08:23 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

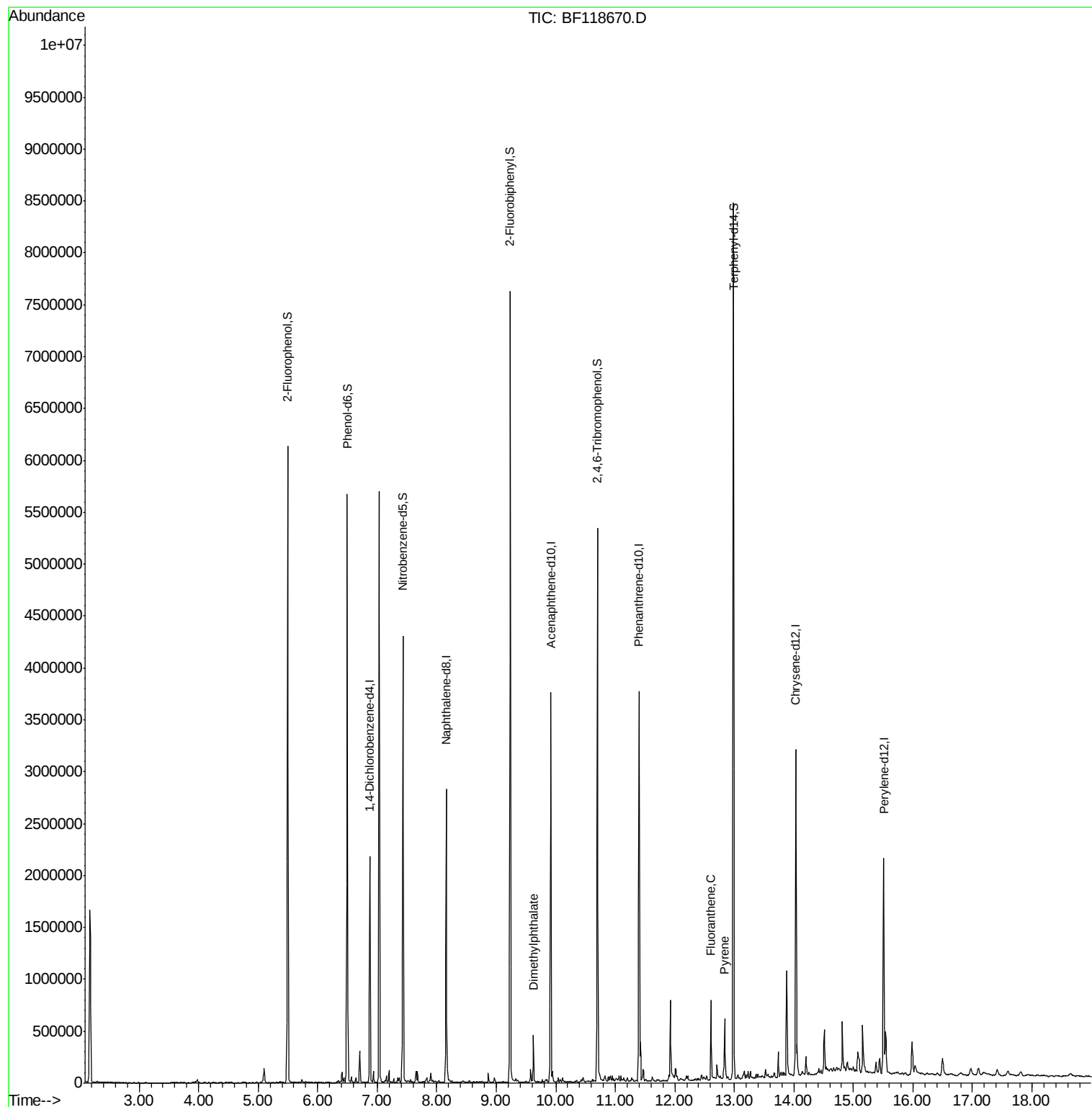
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	344752	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1309483	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	750228	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1421844	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1047997	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						
50) Dimethylphthalate	9.62	163	191181	3.911	ng	96
75) Fluoranthene	12.61	202	281229	3.887	ng	94
78) Pyrene	12.84	202	246233	3.461	ng	# 91

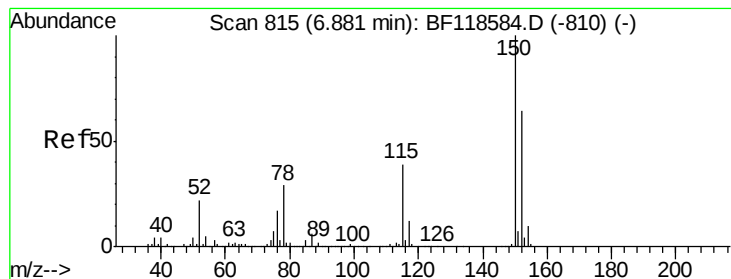
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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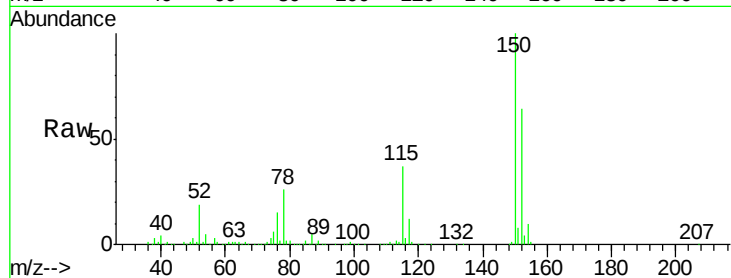


#1

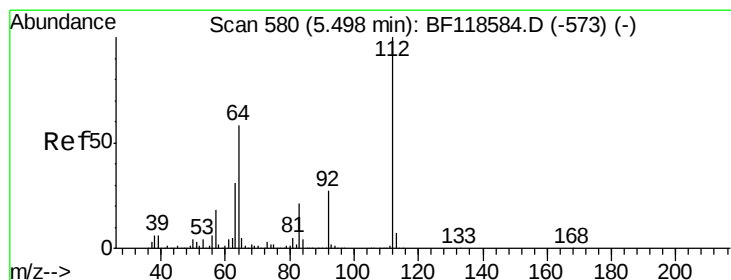
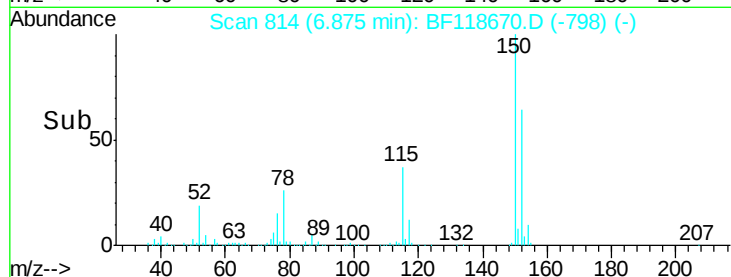
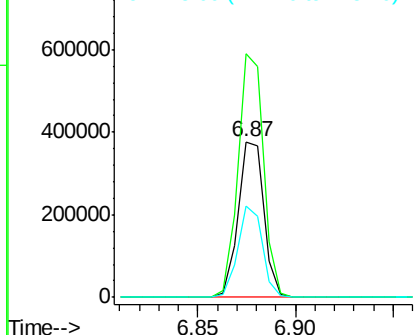
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

Instrument :
BNA_F
ClientSampleId :
RBR-200055

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.6	188.4
115	58.7	48.4	72.6



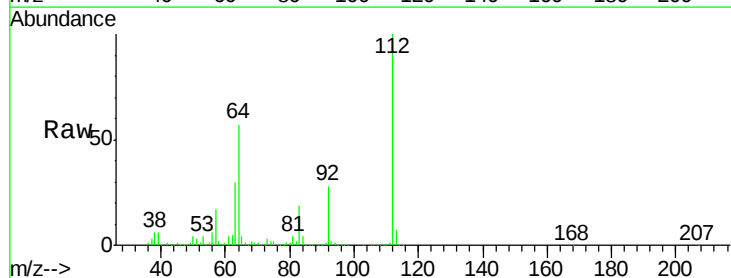
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



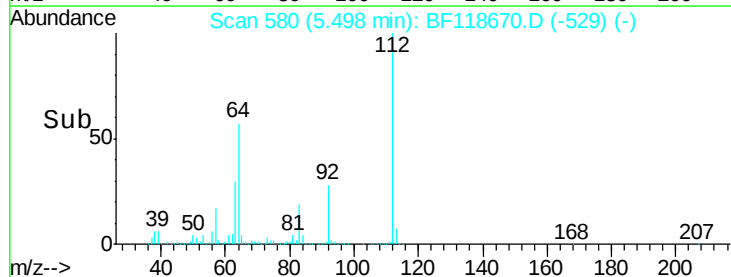
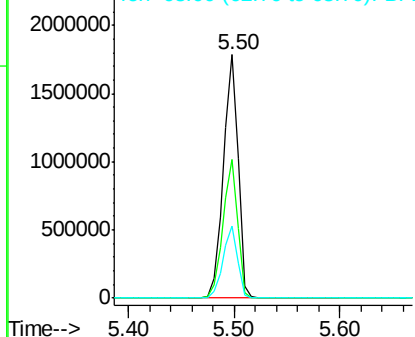
#5

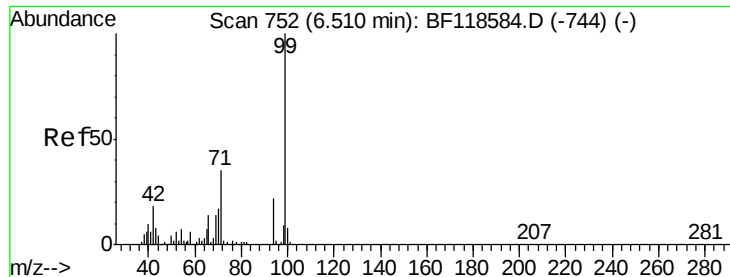
2-Fluorophenol
Concen: 94.015 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

Tgt Ion	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

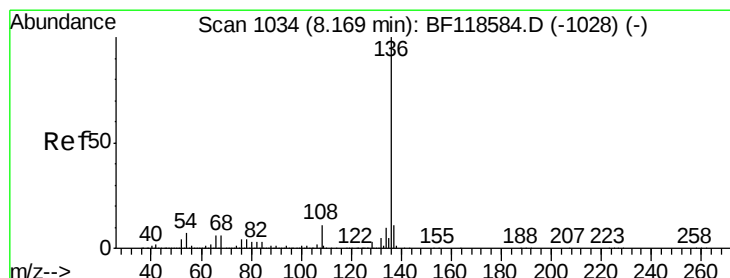
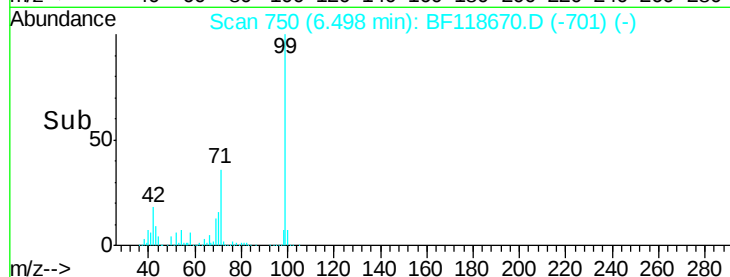
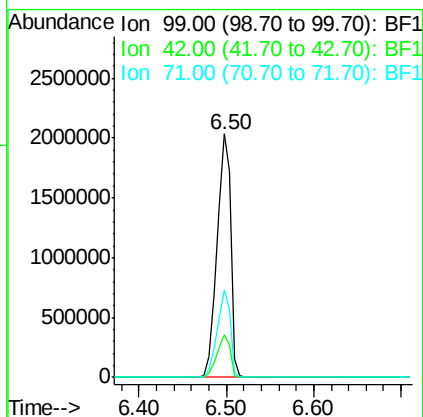
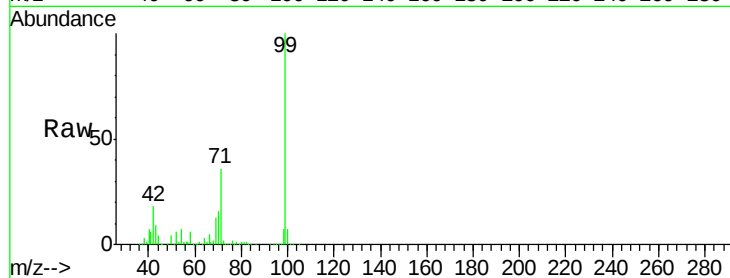
Tot Ion: 99 Resp: 2213640

Ion Ratio Lower Upper

99 100

42 17.7 14.2 21.2

71 35.9 27.8 41.6



#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

Tgt Ion: 136 Resp: 1309483

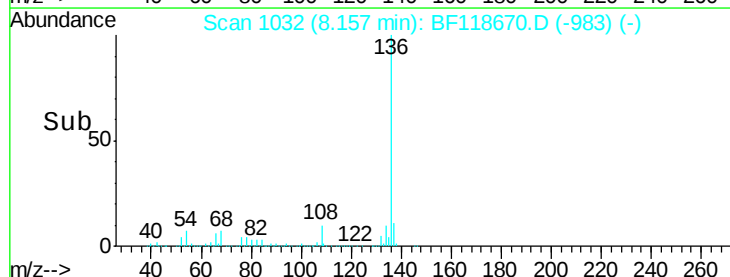
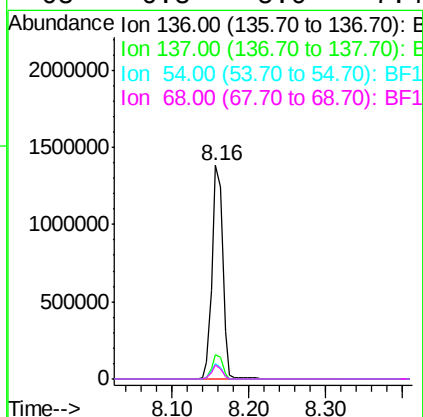
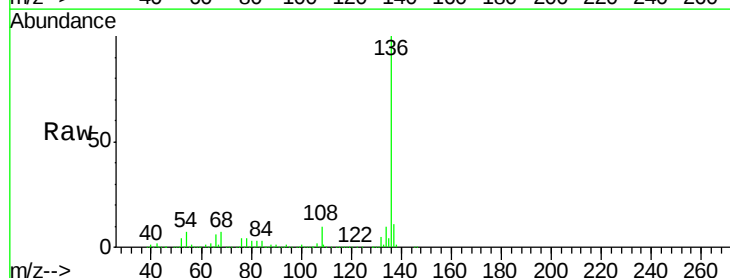
Ion Ratio Lower Upper

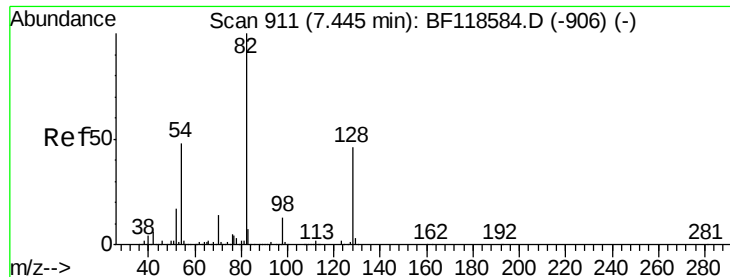
136 100

137 11.5 9.1 13.7

54 7.5 5.8 8.6

68 6.8 5.0 7.4

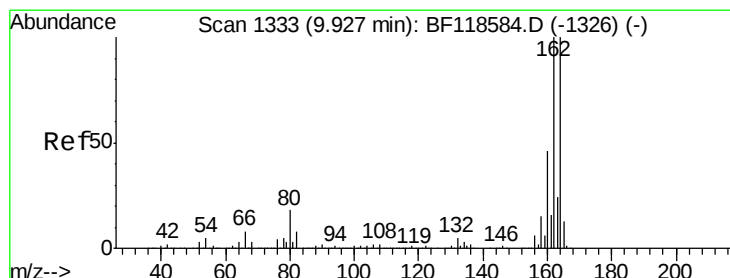
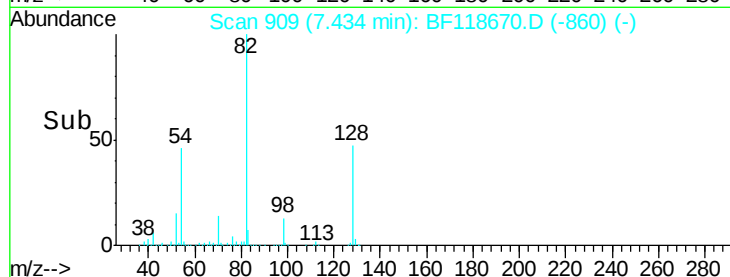
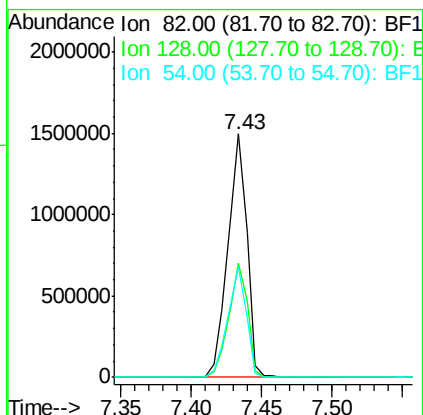
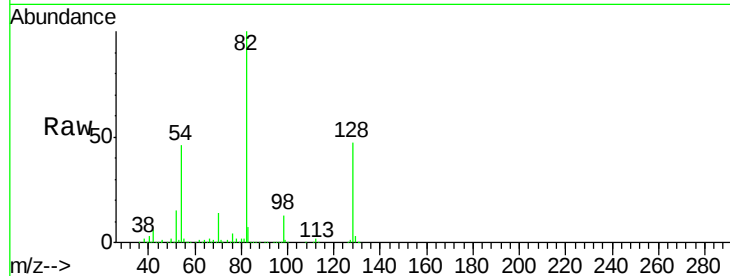




#23
Nitrobenzene-d5
Concen: 60.171 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

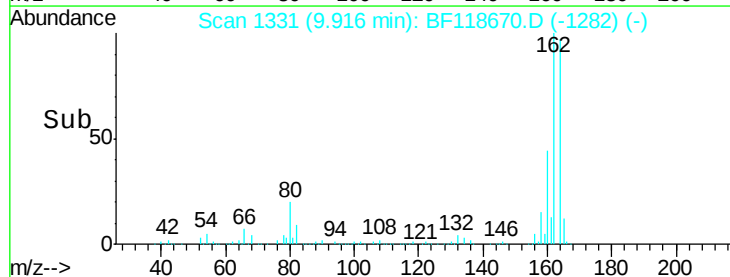
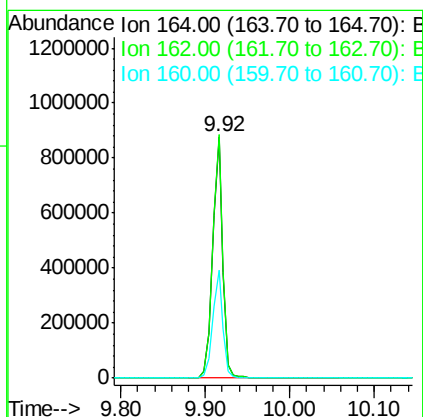
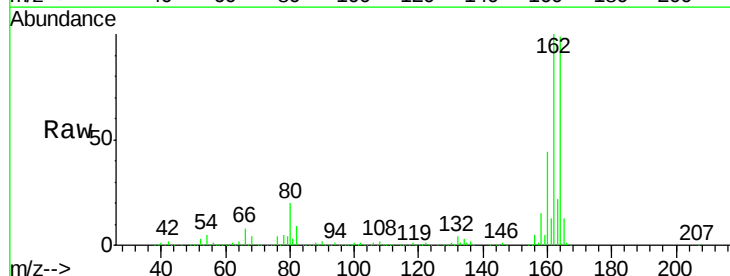
Instrument :
BNA_F
ClientSampleId :
RBR-200055

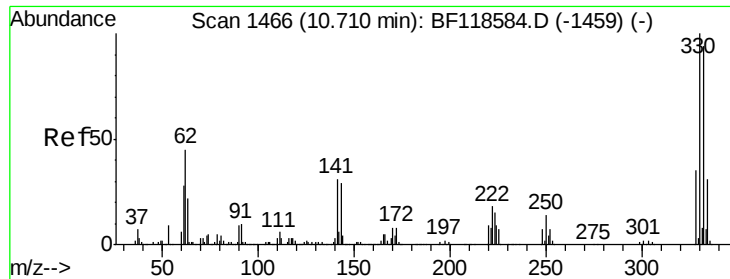
Tot Ion: 82 Resp: 1408688
Ion Ratio Lower Upper
82 100
128 47.0 36.6 54.8
54 45.6 38.0 57.0



#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

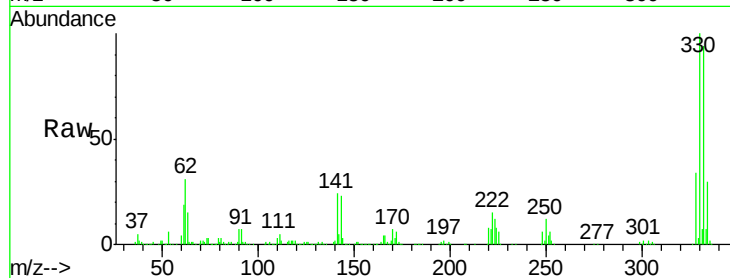




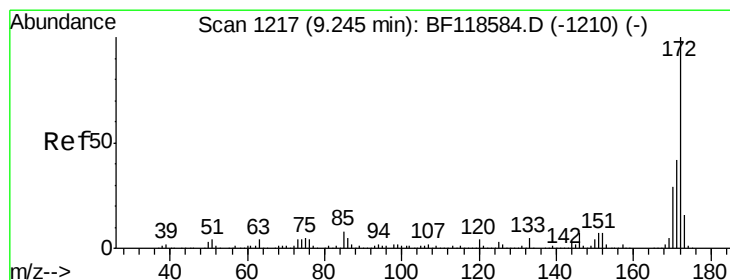
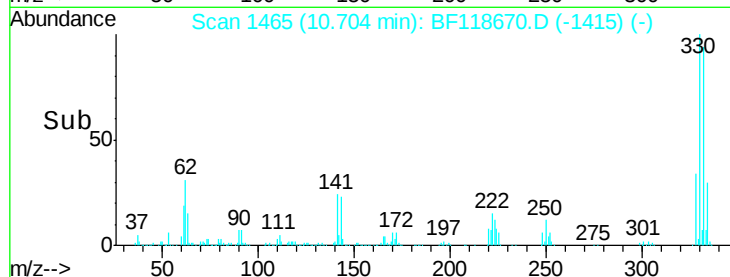
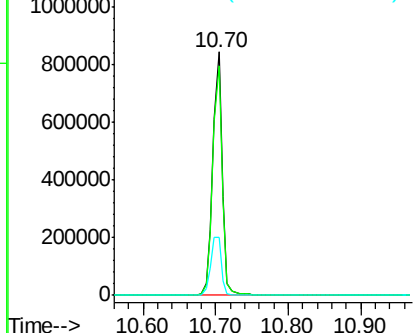
#42
 2,4,6-Tribromophenol
 Concen: 89.092 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118670.D
 Acq: 22 Jan 2020 18:42

Instrument :
 BNA_F
 ClientSampled :
 RBR-200055

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	27.4	23.9	35.9

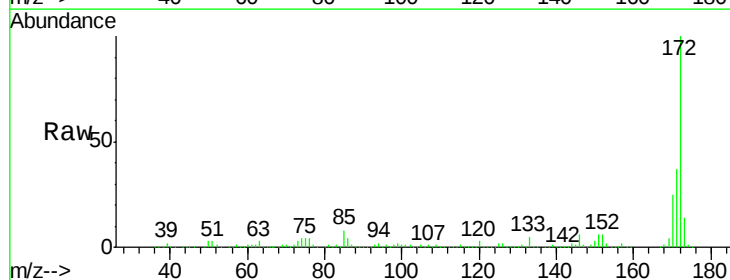


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

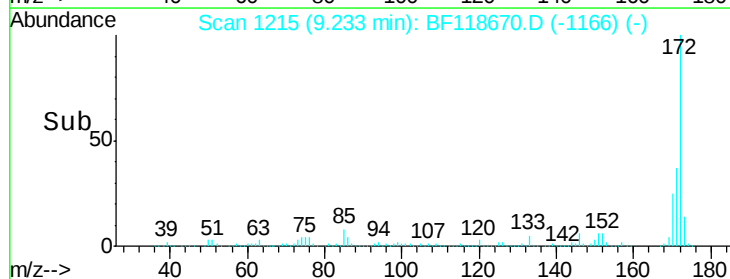
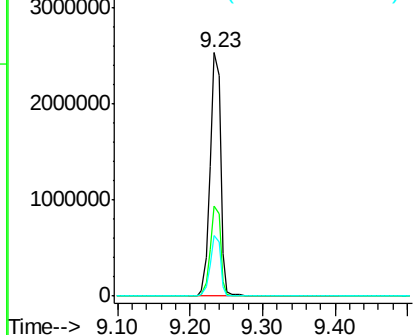


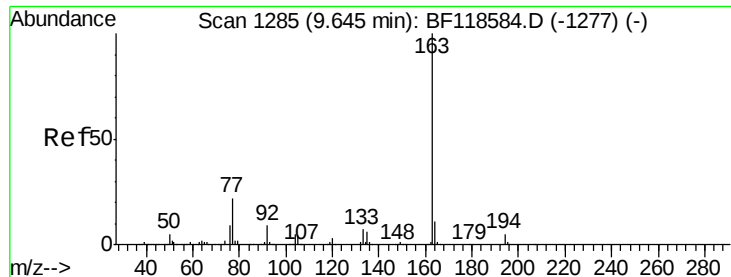
#45
 2-Fluorobiphenyl
 Concen: 56.251 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118670.D
 Acq: 22 Jan 2020 18:42

Tgt Ion	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

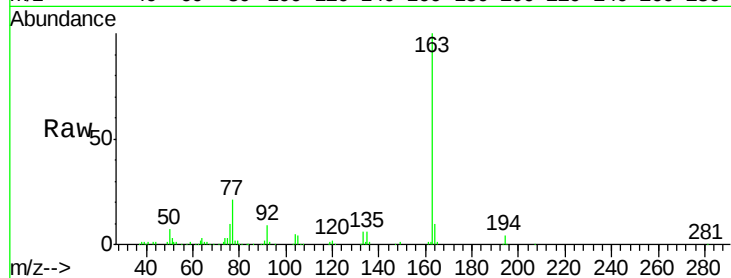
Tot Ion:163 Resp: 191181

Ion Ratio Lower Upper

163 100

194 4.2 3.9 5.9

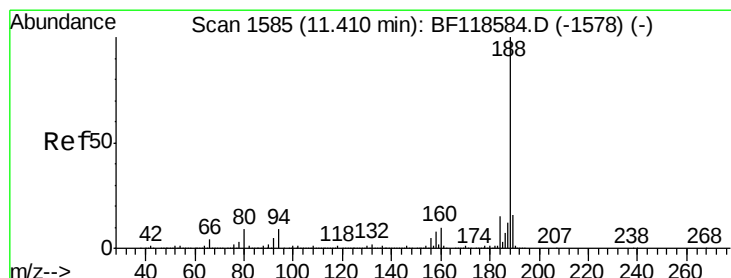
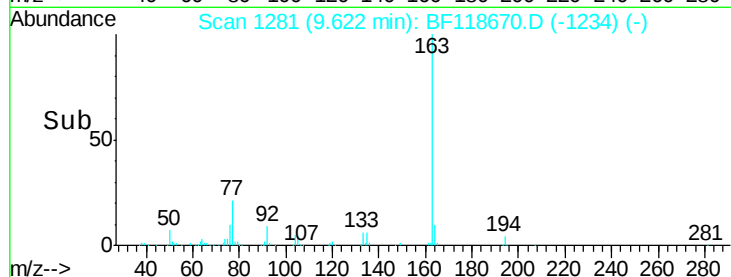
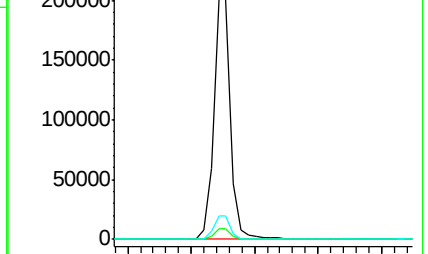
164 9.6 9.1 13.7



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



#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

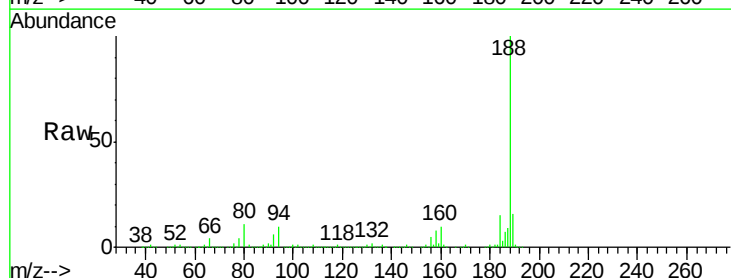
Tgt Ion:188 Resp: 1421844

Ion Ratio Lower Upper

188 100

94 10.3 7.1 10.7

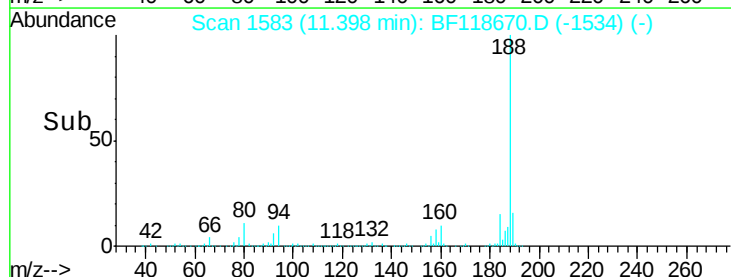
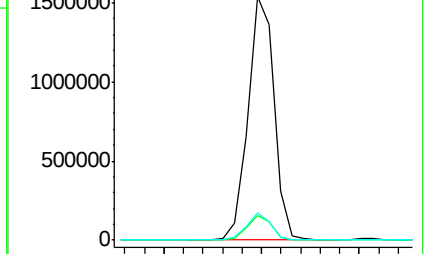
80 11.2 7.5 11.3

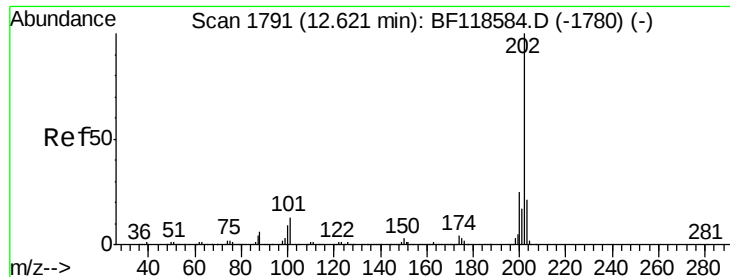


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#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

Instrument :

BNA_F

ClientSampleId :

RBR-200055

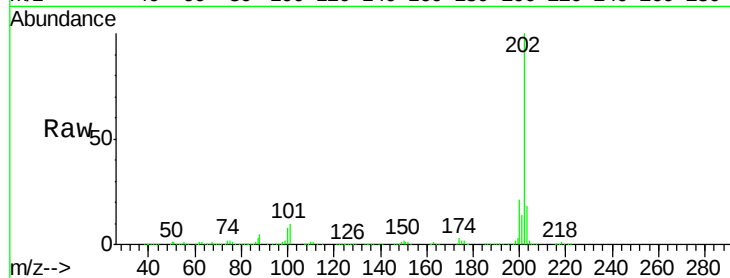
Tot Ion:202 Resp: 281229

Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.5

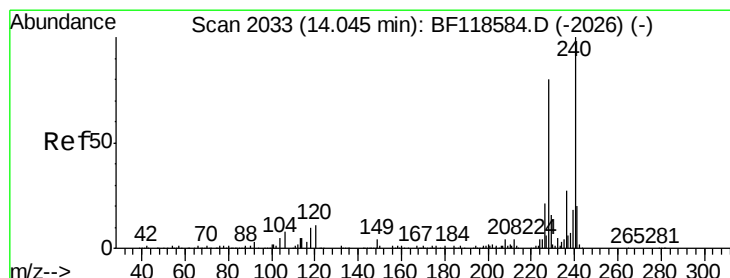
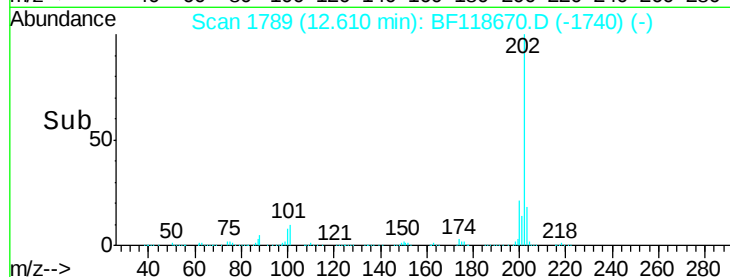
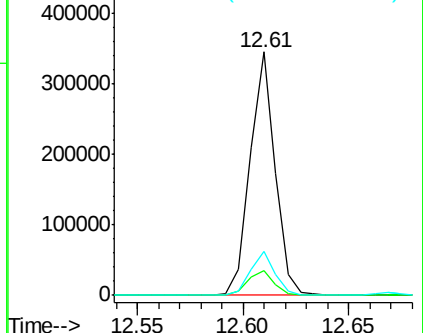
203 17.8 0.8 40.8



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

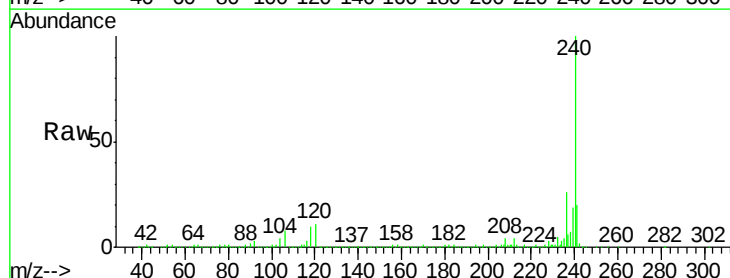
Tgt Ion:240 Resp: 1047997

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

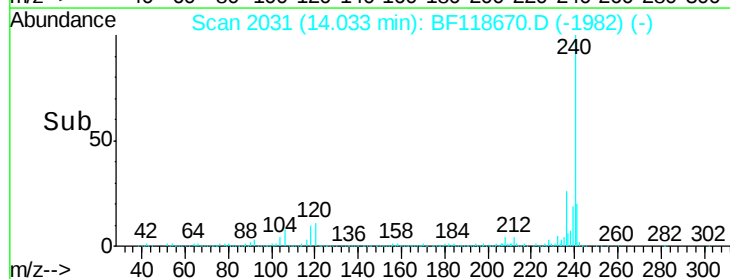
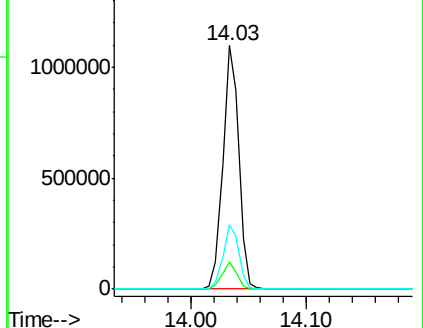
236 26.4 21.5 32.3

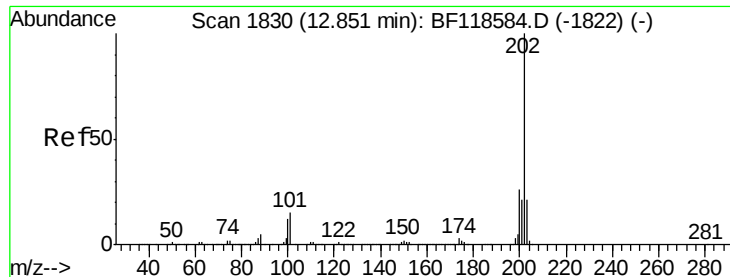


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

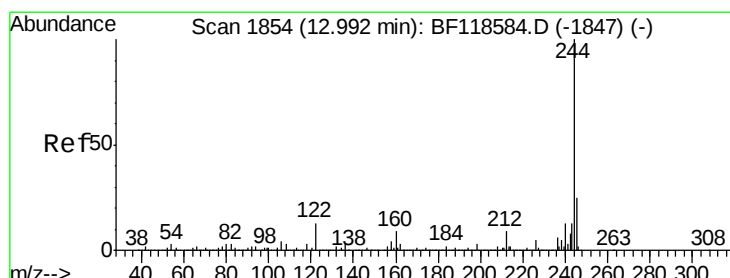
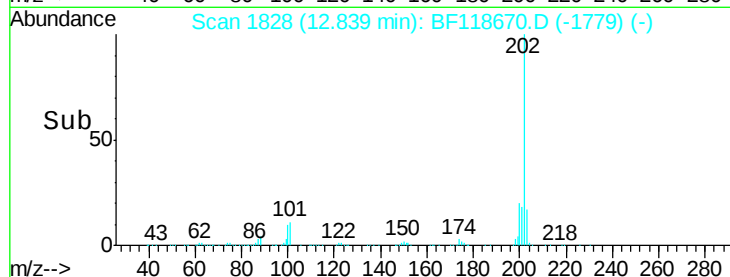
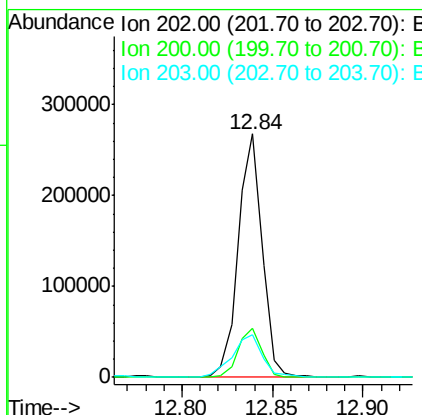
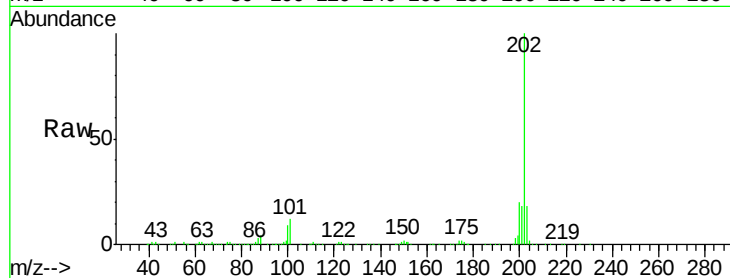




#78
Pvrene
Concen: 3.461 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118670.D
Acq: 22 Jan 2020 18:42

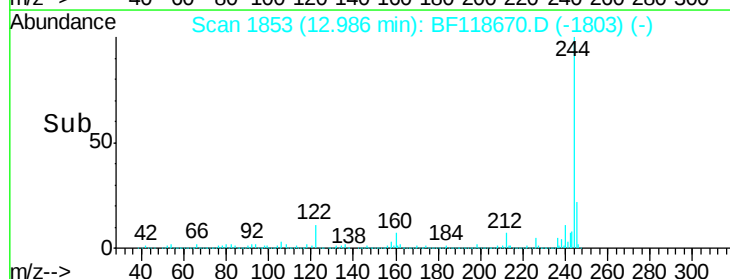
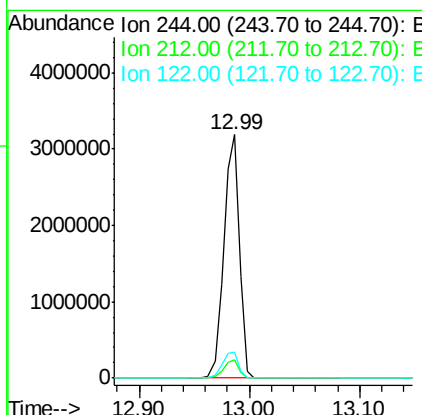
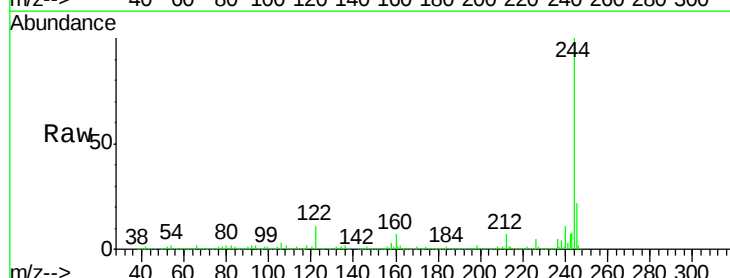
Instrument :
BNA_F
ClientSampleId :
RBR-200055

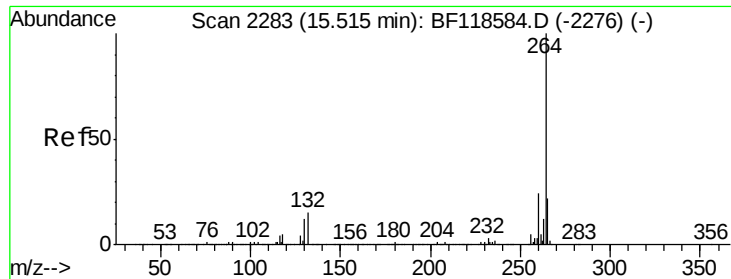
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	20.6	31.0#
203	17.8	16.8	25.2



#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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.0	10.4
122	10.5	10.7	16.1#





#87
Pervlene-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

Instrument :
BNA_F
ClientSampleId :
RBR-200055

Tot Ion:264 Resp: 1051219

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.5	17.7	26.5

