

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118295.D
 Acq On : 19 Dec 2019 22:40
 Operator : JU
 Sample : K6325-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860

Quant Time: Dec 20 04:51:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

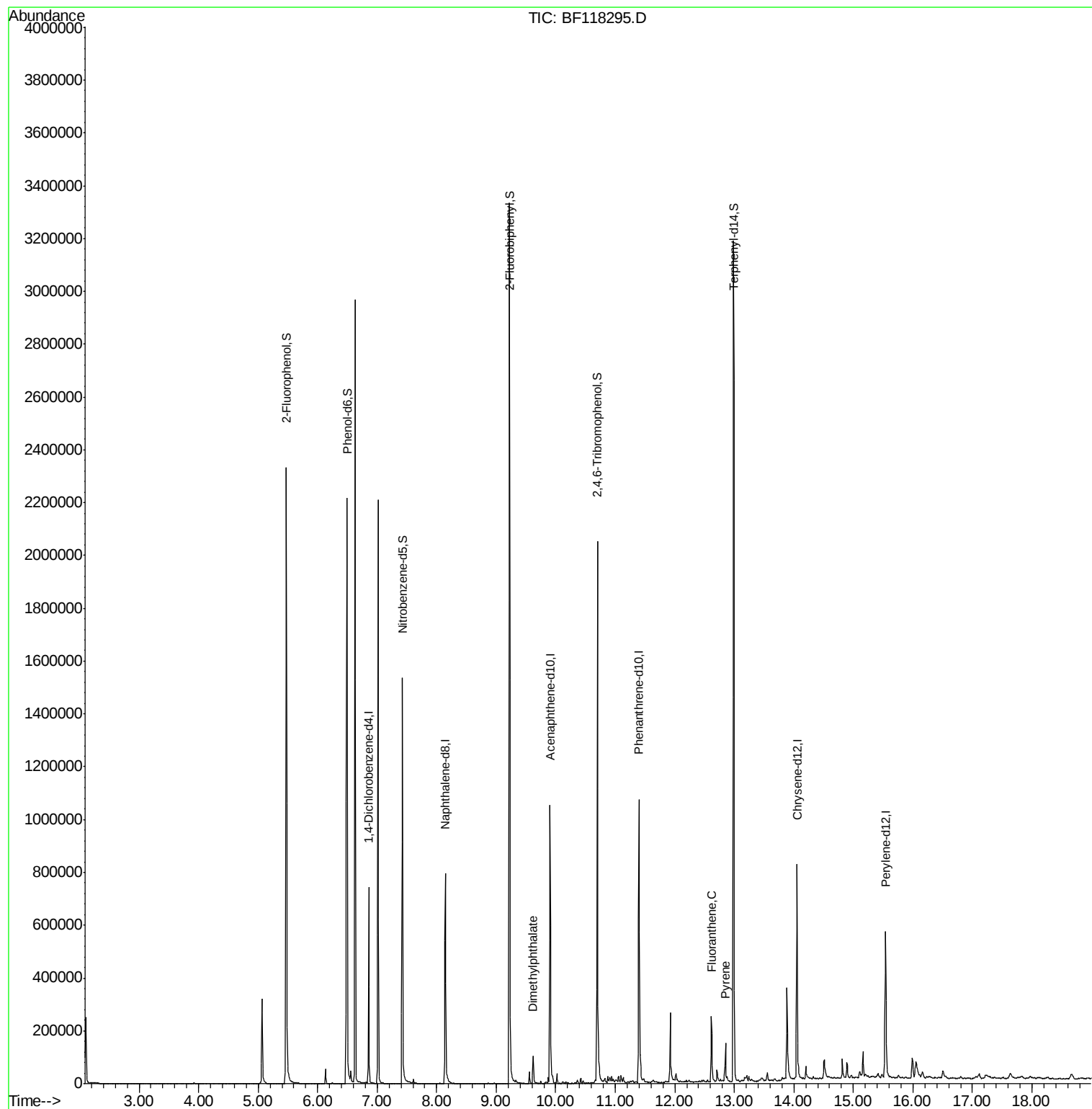
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	105674	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	400828	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	211551	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	399145	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	260533	20.00	ng	-0.02
87) Perylene-d12	15.54	264	258814	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	656066	108.74	ng	0.00
7) Phenol-d6	6.49	99	831840	113.99	ng	0.00
23) Nitrobenzene-d5	7.42	82	498668	69.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	275425	107.17	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	956803	68.82	ng	-0.02
79) Terphenyl-d14	12.99	244	1079334	71.24	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	56757	3.632	ng	99
75) Fluoranthene	12.62	202	96511	4.449	ng	99
78) Pyrene	12.85	202	65750	3.202	ng	99

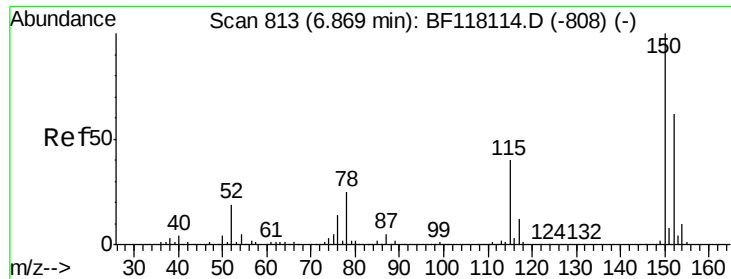
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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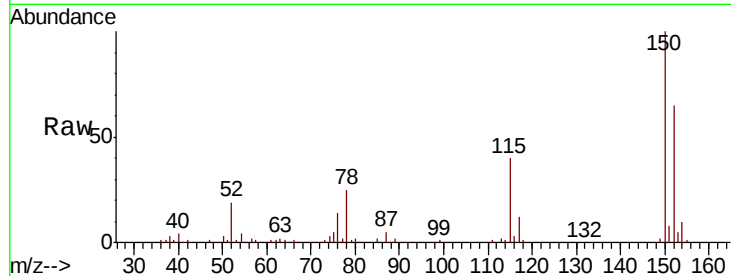


#1

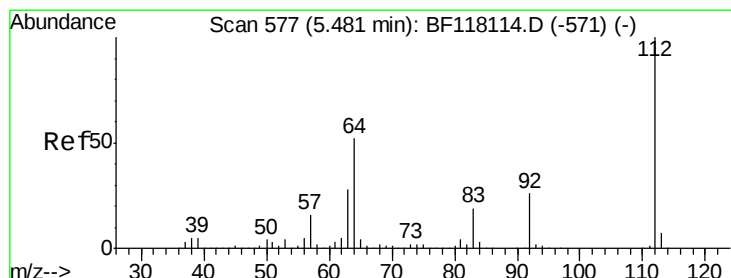
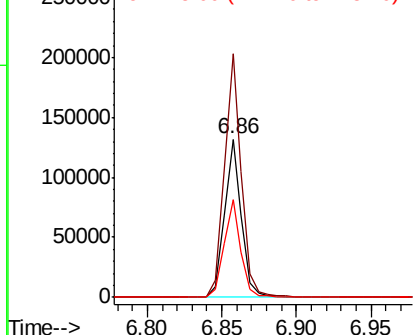
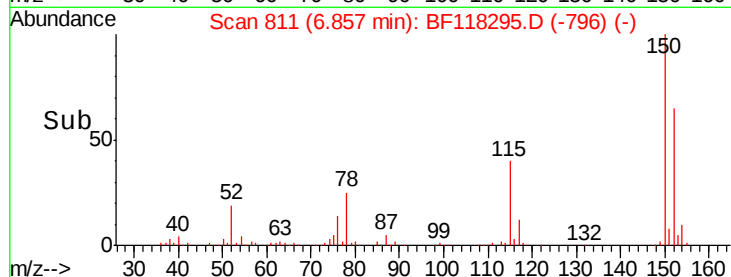
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118295.D
Acq: 19 Dec 2019 22:40

Instrument :
BNA_F
ClientSampled :
RT-3860

Tot Ion:152 Resp: 105674
Ion Ratio Lower Upper
152 100
150 153.8 128.3 192.5
115 61.3 51.1 76.7



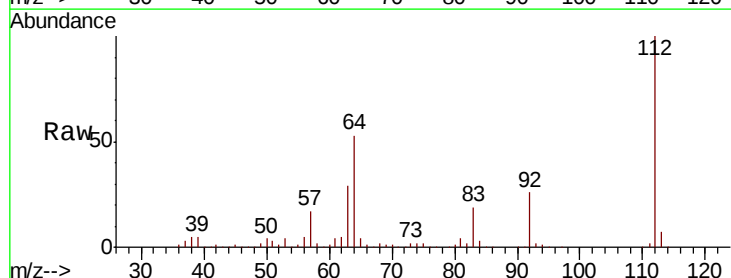
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



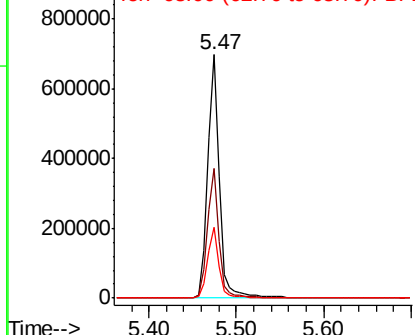
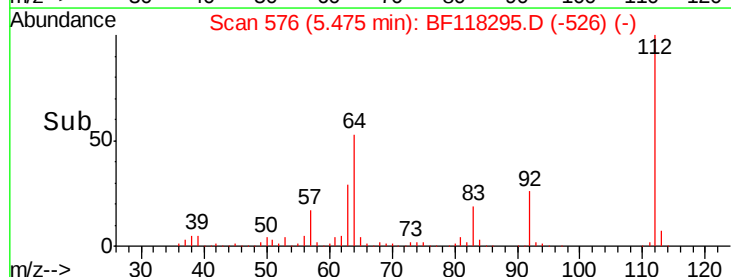
#5

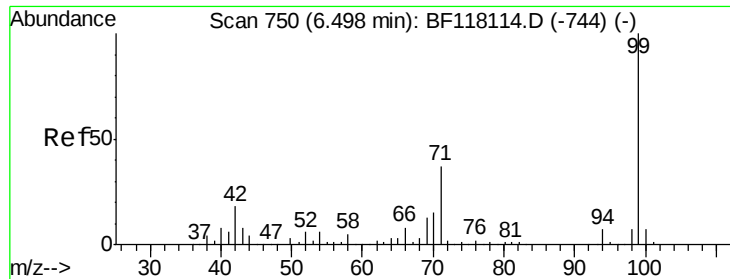
2-Fluorophenol
Concen: 108.738 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118295.D
Acq: 19 Dec 2019 22:40

Tgt Ion:112 Resp: 656066
Ion Ratio Lower Upper
112 100
64 53.1 41.3 61.9
63 29.2 22.4 33.6



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: 113.987 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118295.D

Acq: 19 Dec 2019 22:40

Instrument :

BNA_F

ClientSampleId :

RT-3860

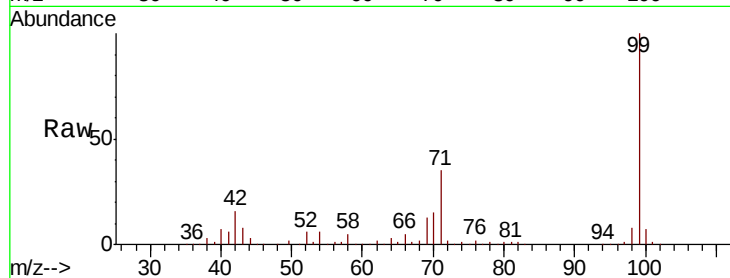
Tot Ion: 99 Resp: 831840

Ion Ratio Lower Upper

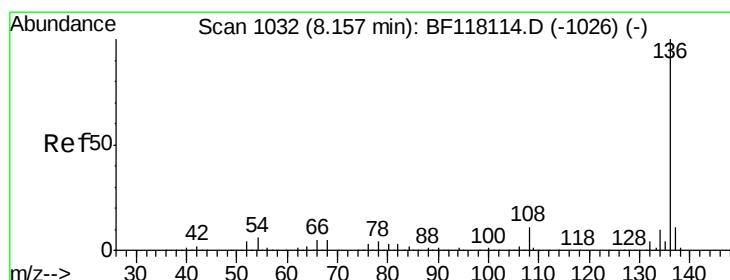
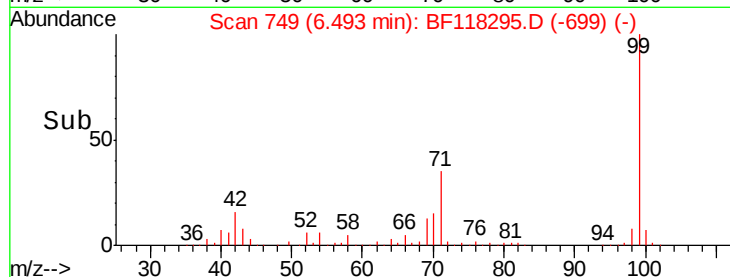
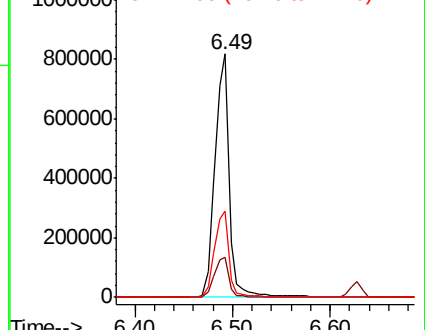
99 100

42 16.5 14.1 21.1

71 35.3 29.7 44.5



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118295.D

Acq: 19 Dec 2019 22:40

Tgt Ion: 136 Resp: 400828

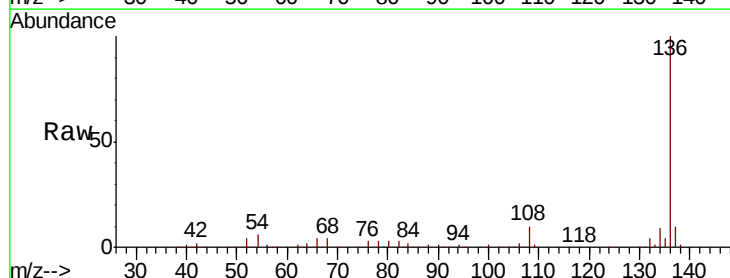
Ion Ratio Lower Upper

136 100

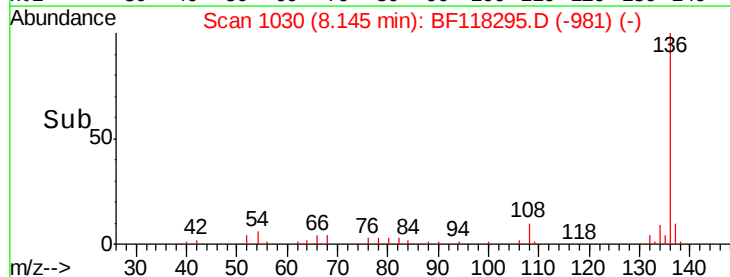
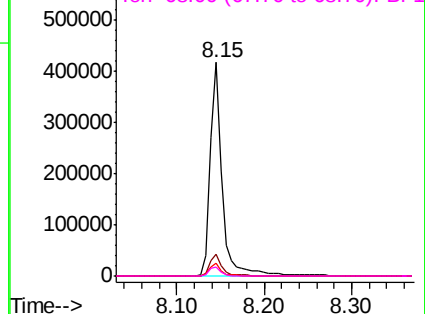
137 10.3 9.0 13.6

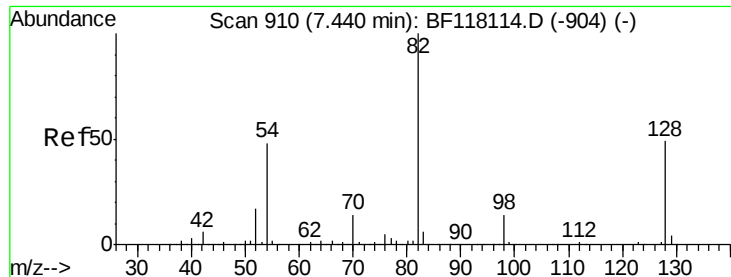
54 6.0 5.0 7.6

68 4.5 3.8 5.8



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

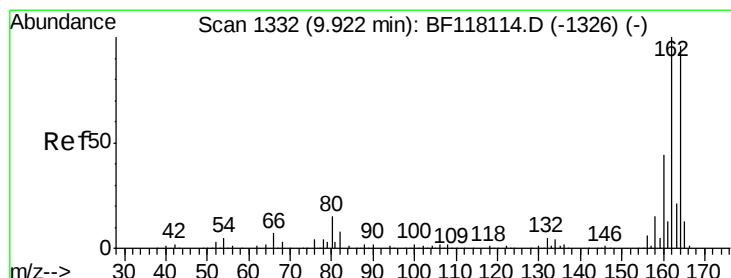
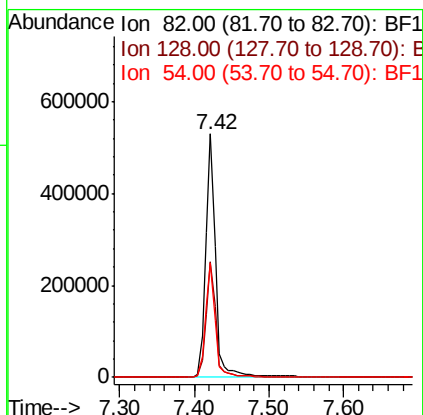
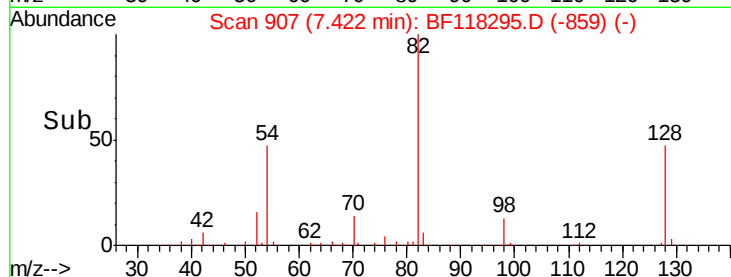
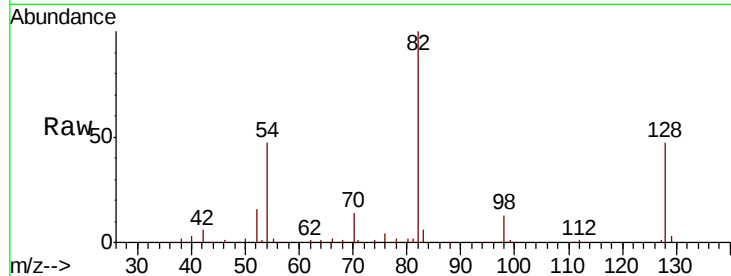




#23
Nitrobenzene-d5
Concen: 69.990 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118295.D
Acq: 19 Dec 2019 22:40

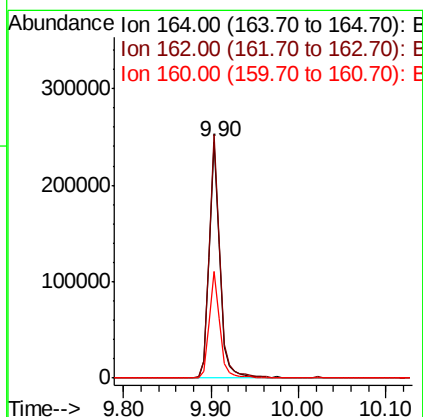
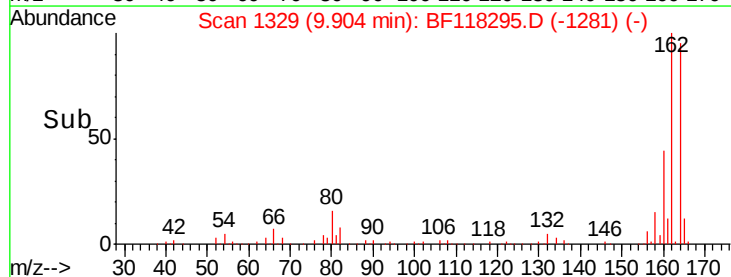
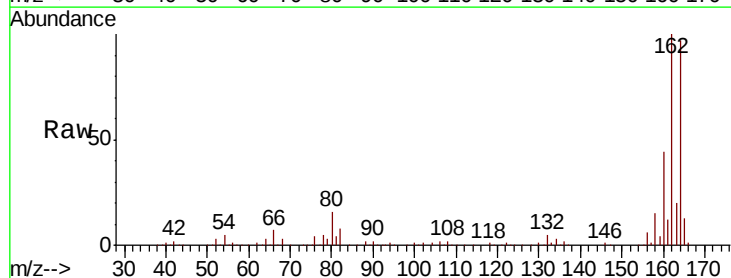
Instrument :
BNA_F
ClientSampleId :
RT-3860

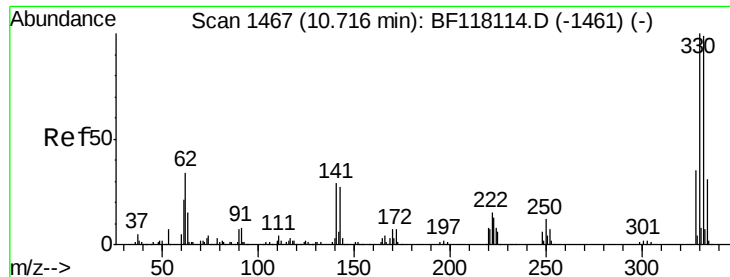
Tot Ion: 82 Resp: 498668
Ion Ratio Lower Upper
82 100
128 47.4 39.1 58.7
54 47.1 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118295.D
Acq: 19 Dec 2019 22:40

Tgt Ion:164 Resp: 211551
Ion Ratio Lower Upper
164 100
162 103.1 83.4 125.0
160 45.1 36.6 54.8

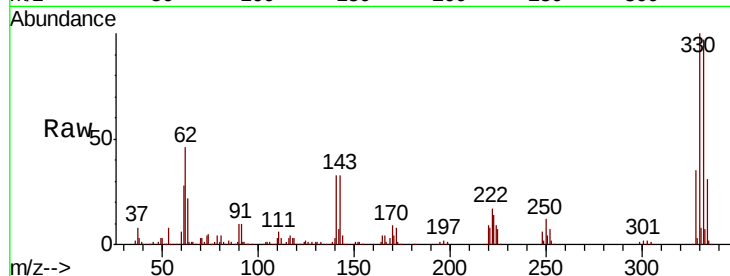




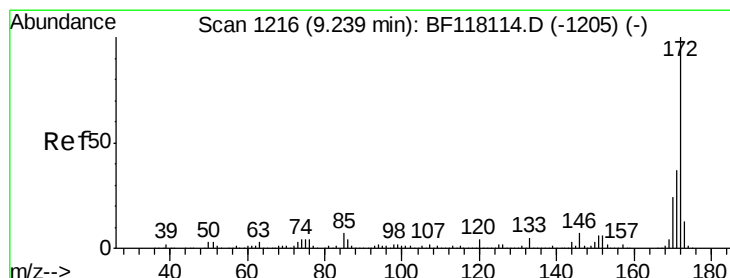
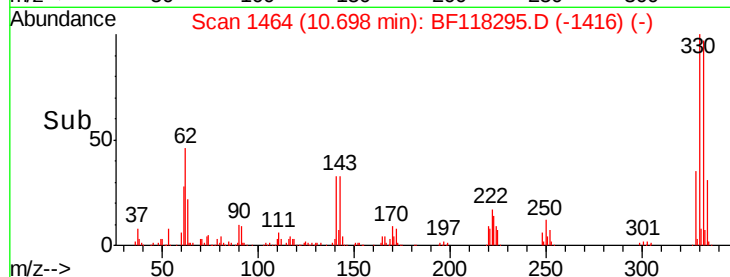
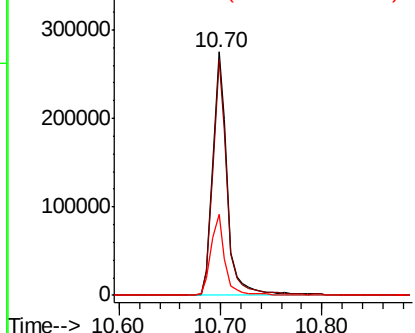
#42
 2,4,6-Tribromophenol
 Concen: 107.171 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF118295.D
 Acq: 19 Dec 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.1	117.1
141	32.4	26.9	40.3

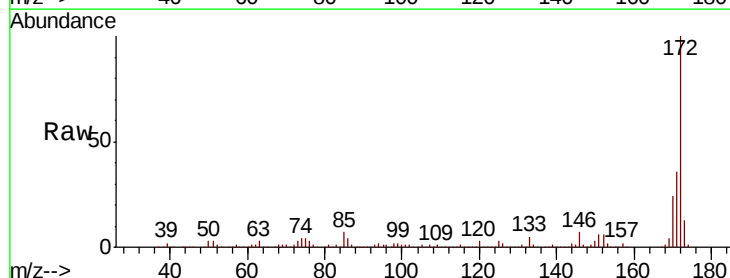


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

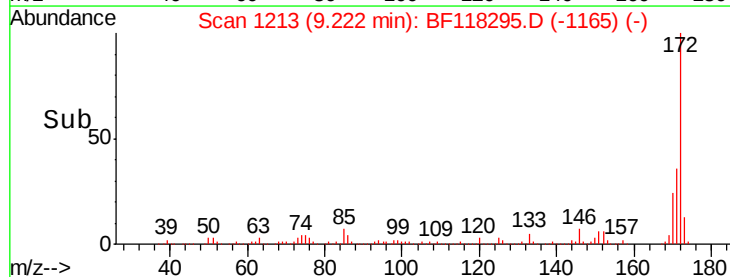
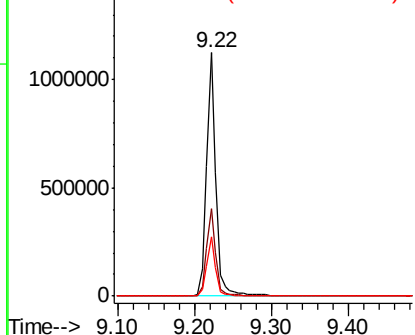


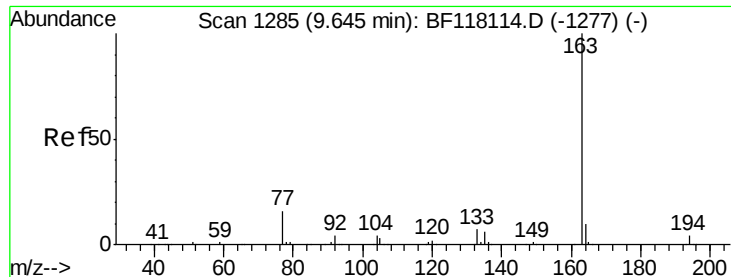
#45
 2-Fluorobiphenyl
 Concen: 68.821 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118295.D
 Acq: 19 Dec 2019 22:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.2	19.4	29.2



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

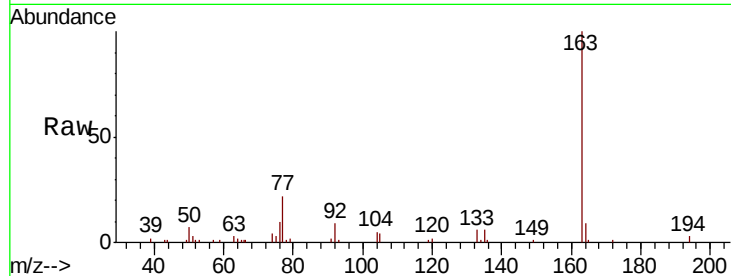




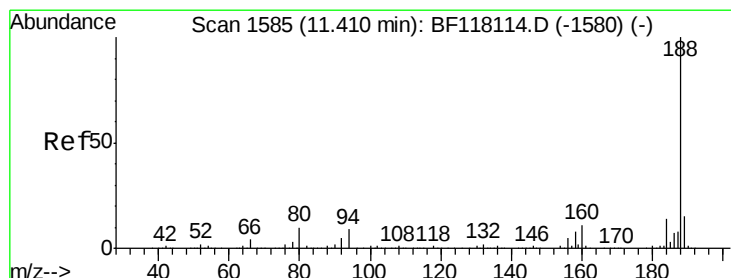
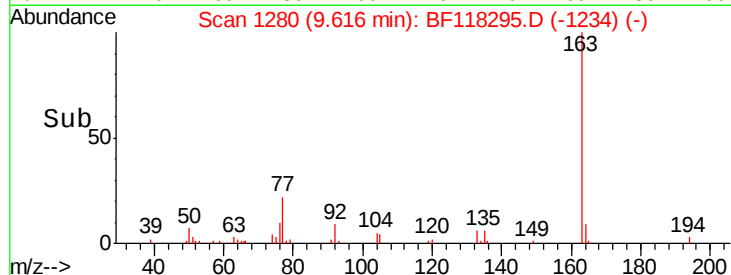
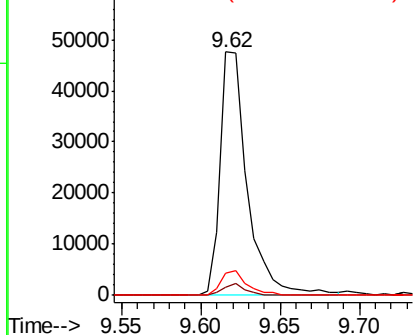
#50
Dimethylphthalate
Concen: 3.632 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118295.D
Acq: 19 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tot Ion:163 Resp: 56757
Ion Ratio Lower Upper
163 100
194 3.3 3.1 4.7
164 9.3 7.7 11.5

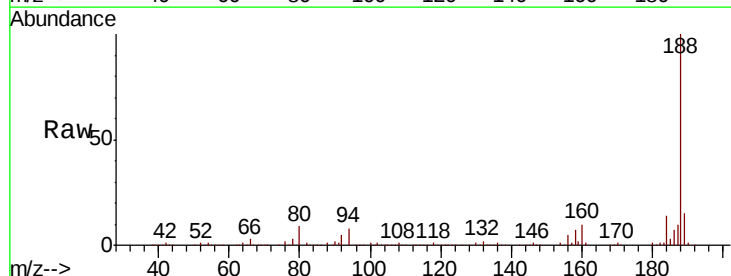


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

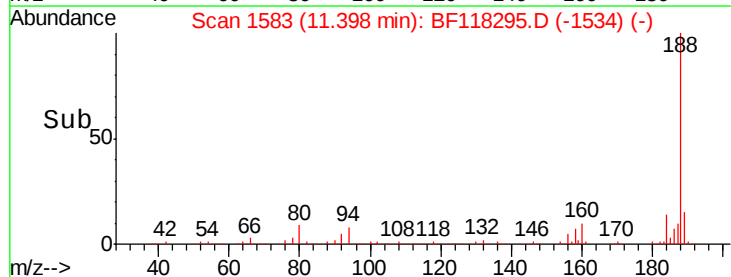
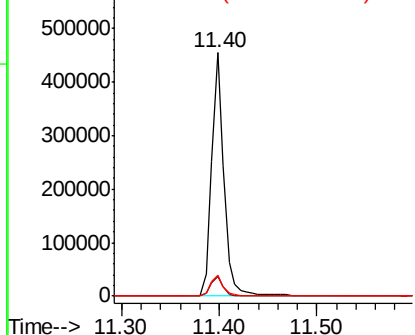


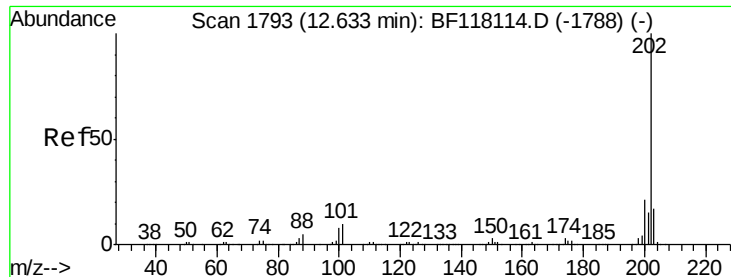
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118295.D
Acq: 19 Dec 2019 22:40

Tgt Ion:188 Resp: 399145
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 8.6 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

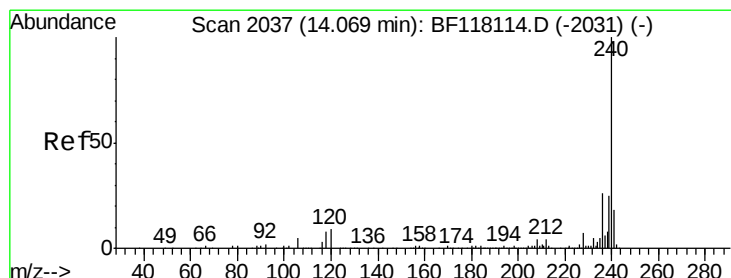
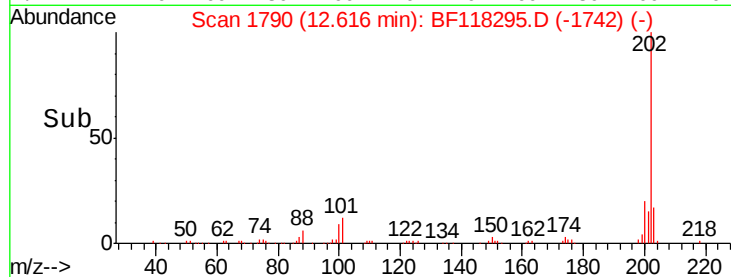
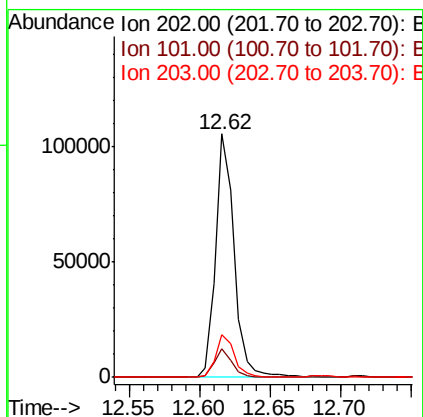
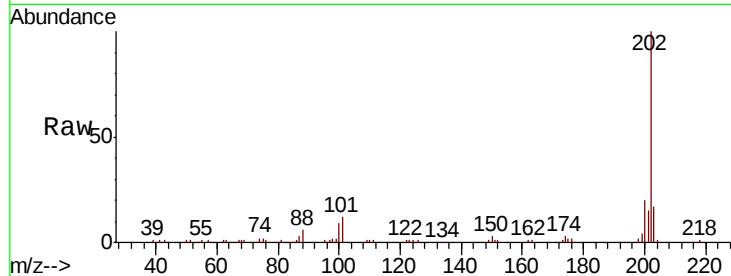




#75
 Fluoranthene
 Concen: 4.449 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BF118295.D
 Acq: 19 Dec 2019 22:40

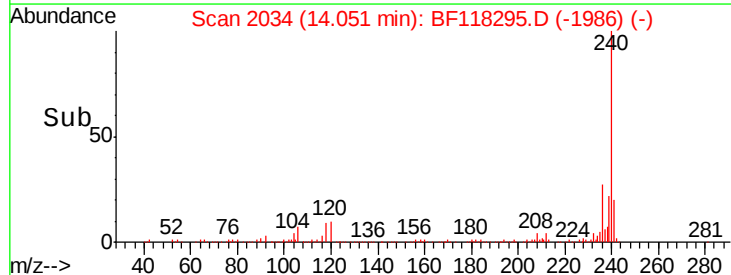
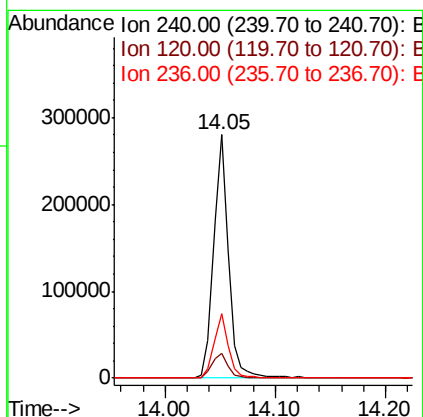
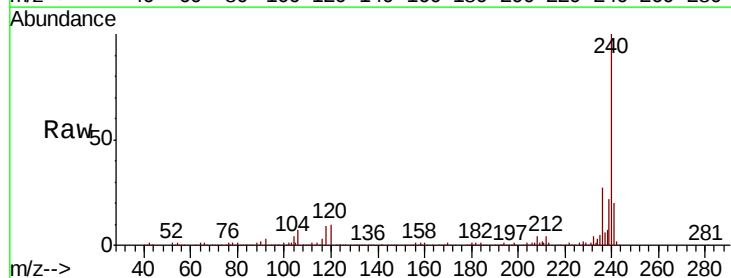
Instrument :
 BNA_F
 ClientSampled :
 RT-3860

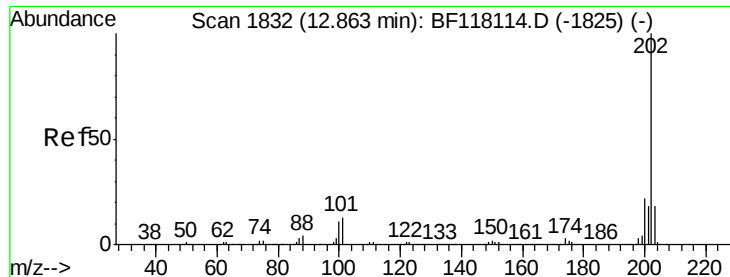
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.4
203	17.3	0.0	37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF118295.D
 Acq: 19 Dec 2019 22:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.1	10.7
236	26.6	21.0	31.6

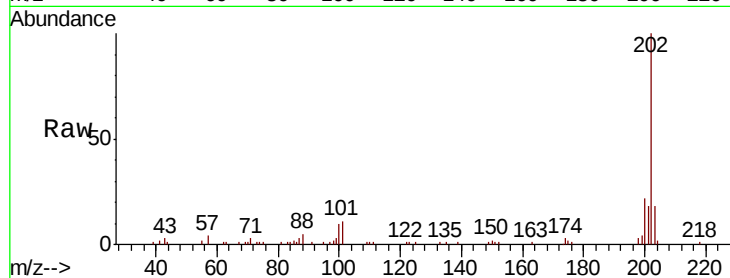




#78
Pvrene
Concen: 3.202 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118295.D
Acq: 19 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.5	26.3
203	17.8	14.6	21.8

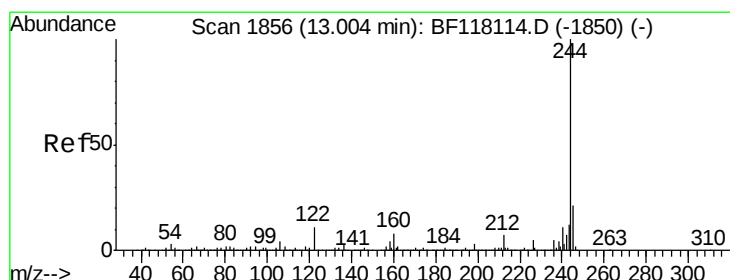
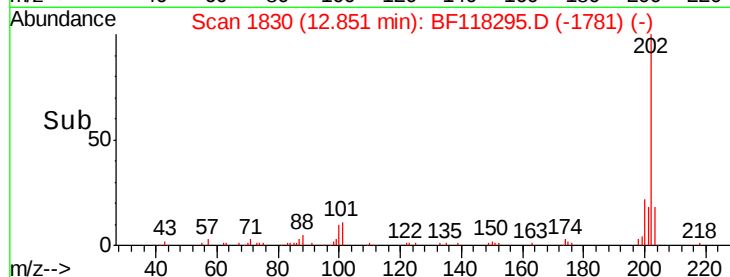
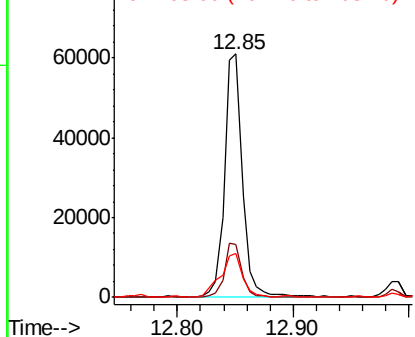


Abundance

Ion 202.00 (201.70 to 202.70): E

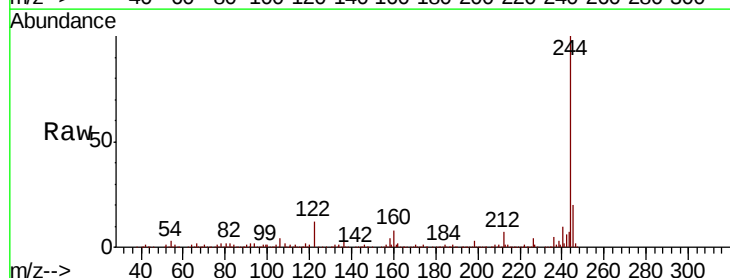
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 71.241 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BF118295.D
Acq: 19 Dec 2019 22:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	12.0	9.0	13.6

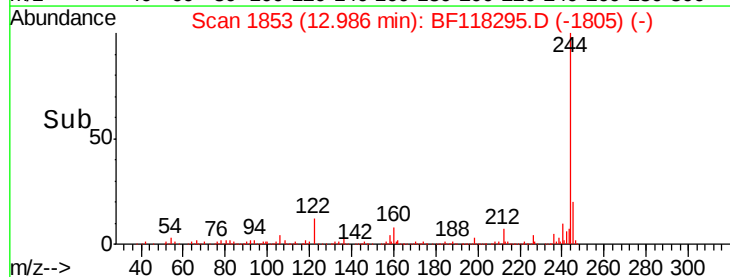
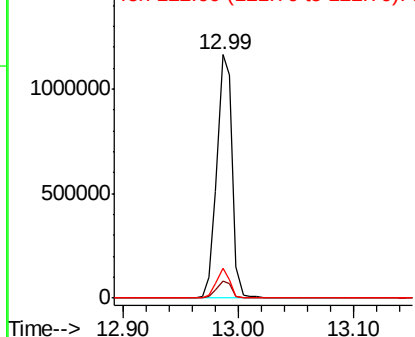


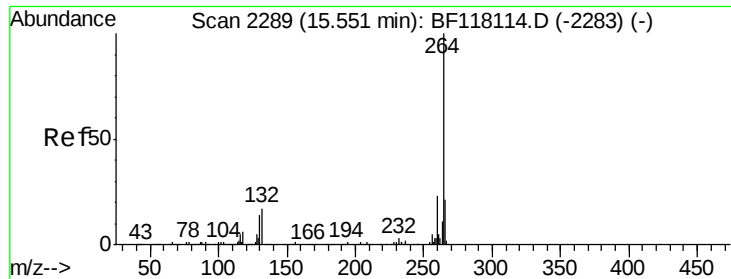
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF118295.D
Acq: 19 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	22.1	16.8	25.2

