

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117659.D
 Acq On : 31 Oct 2019 15:44
 Operator : JU
 Sample : K5540-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 159-46-(0-1)

Quant Time: Nov 01 01:43:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

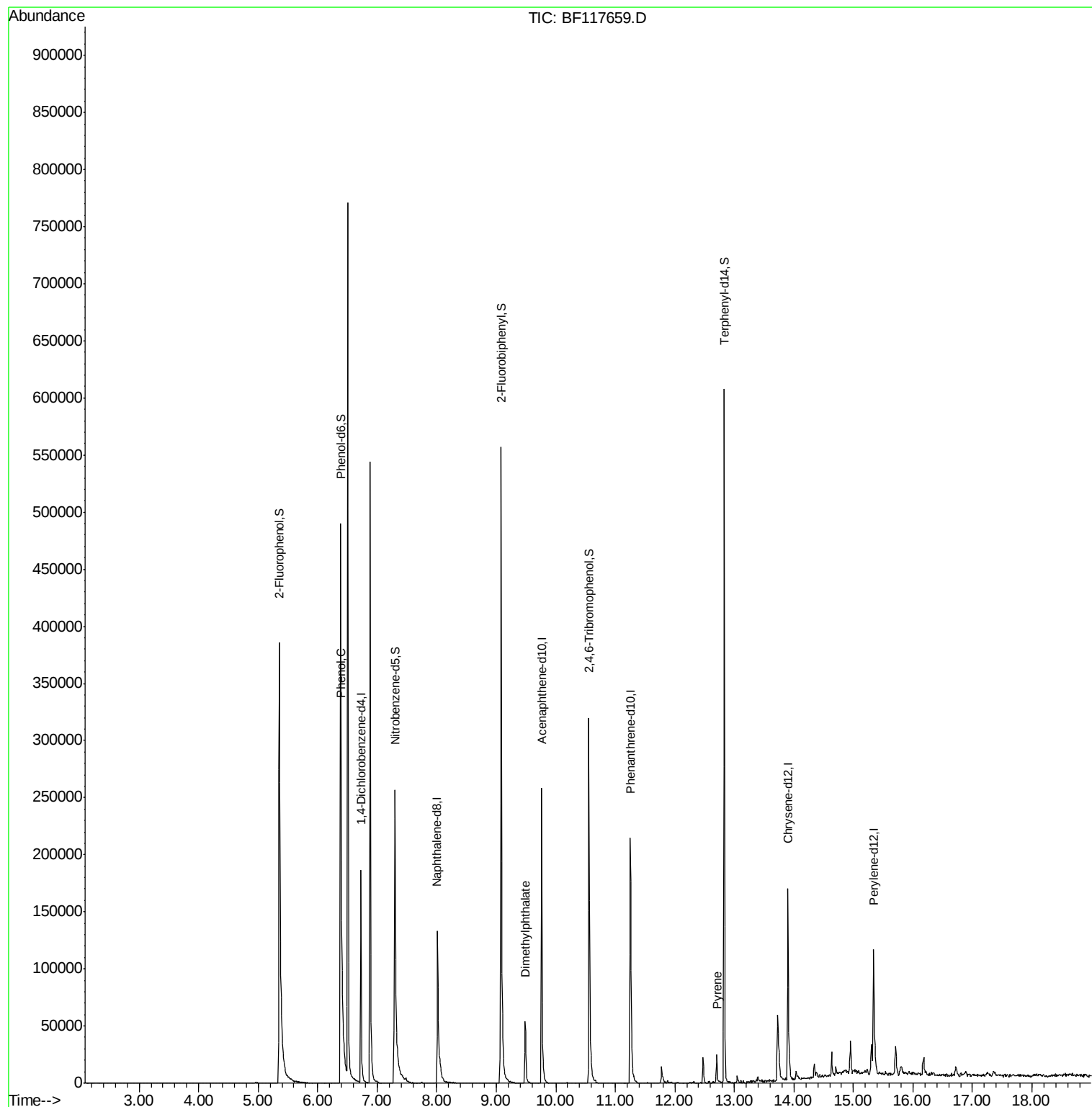
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	31589	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	130612	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	67317	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	116567	20.00	ng	0.00
76) Chrysene-d12	13.90	240	69956	20.00	ng	0.00
87) Perylene-d12	15.34	264	67433	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	192499	90.66	ng	0.00
7) Phenol-d6	6.39	99	281076	98.56	ng	0.00
23) Nitrobenzene-d5	7.30	82	167751	63.41	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	50966	87.50	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	233723	48.92	ng	-0.01
79) Terphenyl-d14	12.83	244	208836	48.69	ng	0.00
Target Compounds						
10) Phenol	6.40	94	12211	4.195	ng	87
50) Dimethylphthalate	9.49	163	34872	7.267	ng	99
78) Pyrene	12.70	202	12306	2.048	ng	98

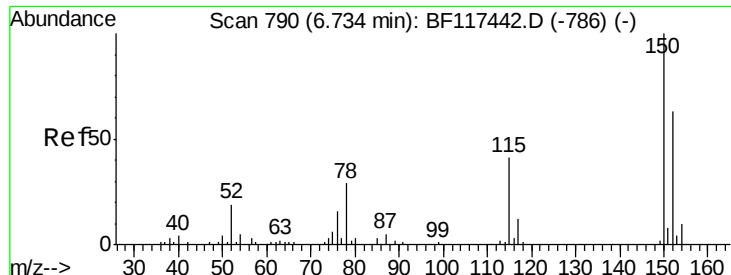
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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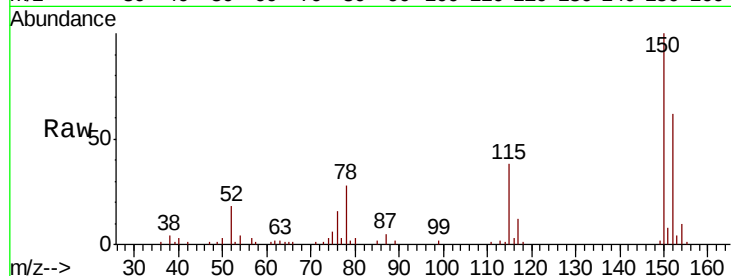


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF117659.D
 Acq: 31 Oct 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 159-46-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	126.8	190.2
115	61.5	51.6	77.4

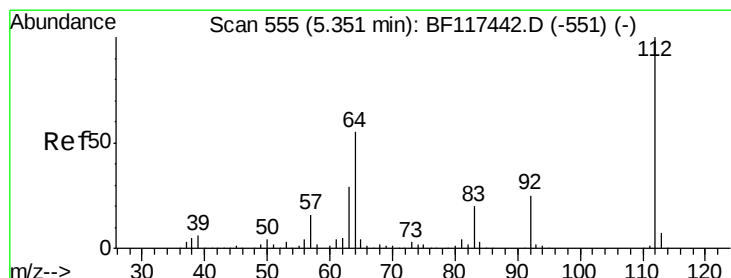
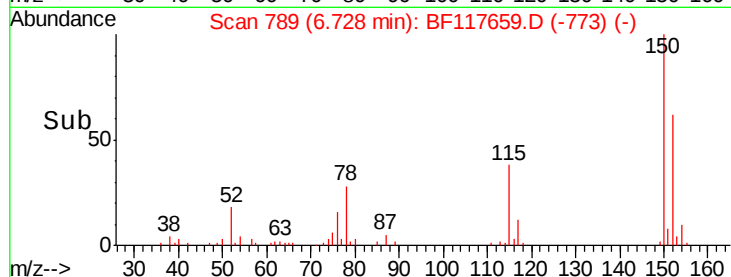
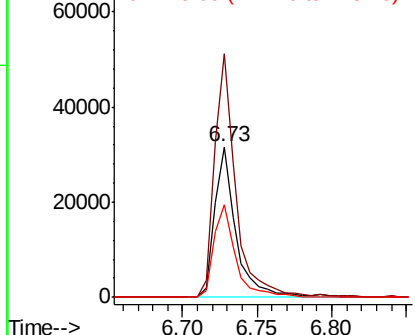


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

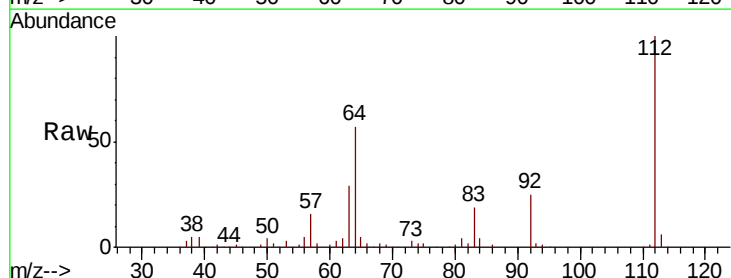
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 90.659 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF117659.D
 Acq: 31 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.1	66.1
63	29.2	23.4	35.2

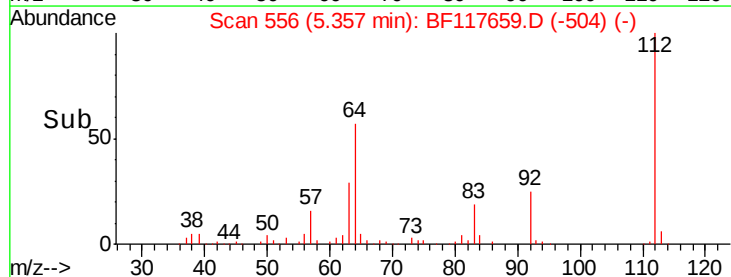
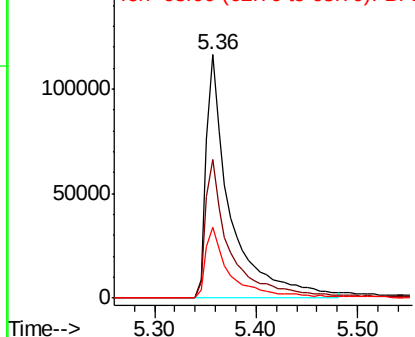


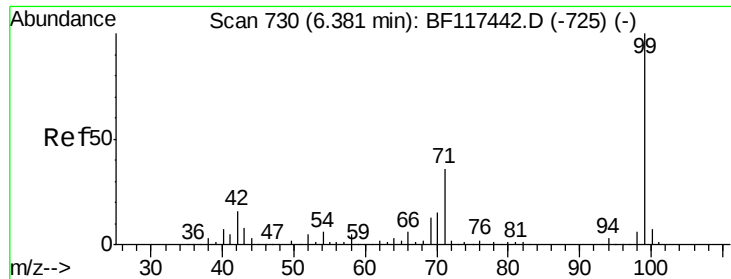
Abundance

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: 98.558 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117659.D

Acq: 31 Oct 2019 15:44

Instrument :

BNA_F

ClientSampled :

159-46-(0-1)

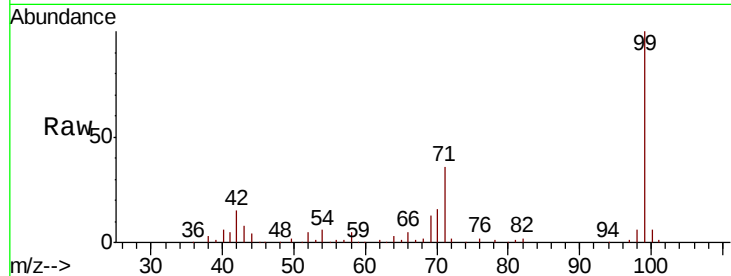
Tot Ion: 99 Resp: 281076

Ion Ratio Lower Upper

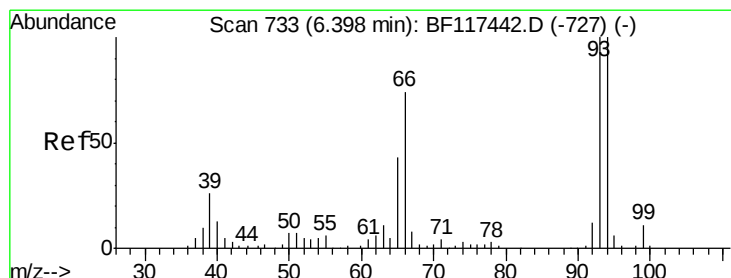
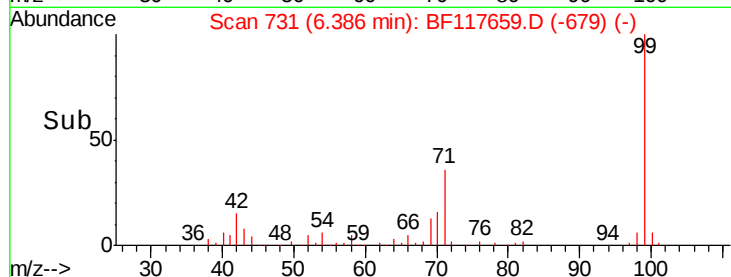
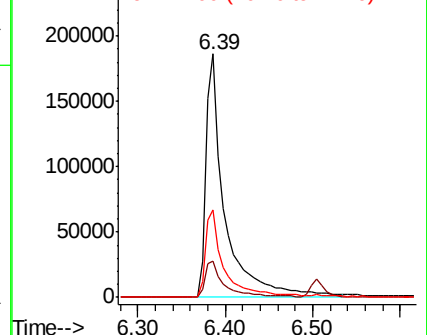
99 100

42 14.9 12.8 19.2

71 35.7 28.6 43.0



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: 4.195 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117659.D

Acq: 31 Oct 2019 15:44

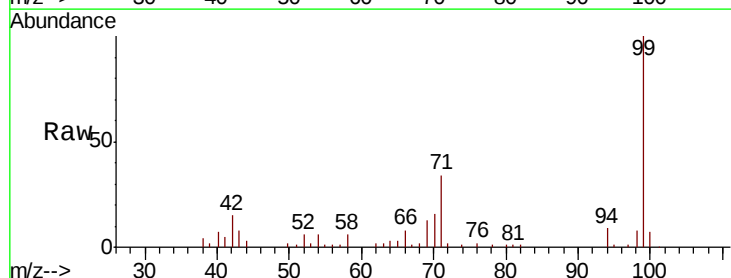
Tgt Ion: 94 Resp: 12211

Ion Ratio Lower Upper

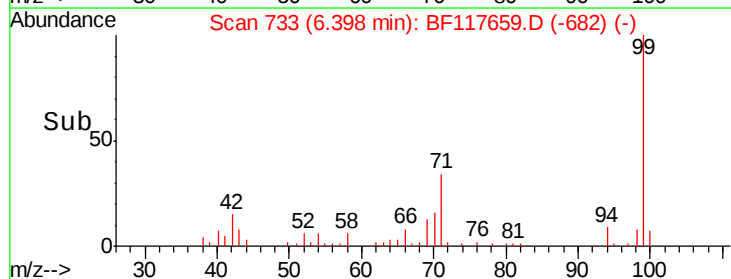
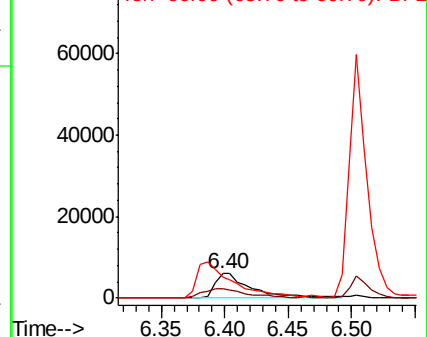
94 100

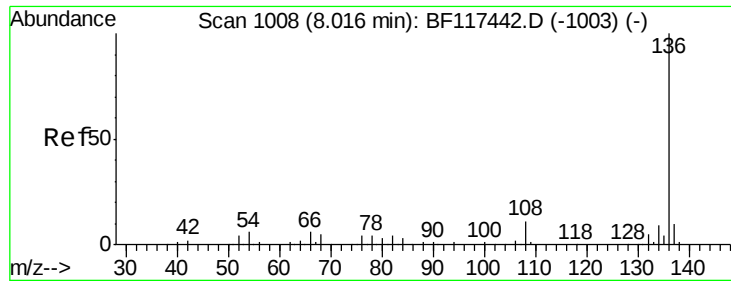
65 37.3 23.4 63.4

66 87.3 54.7 94.7



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

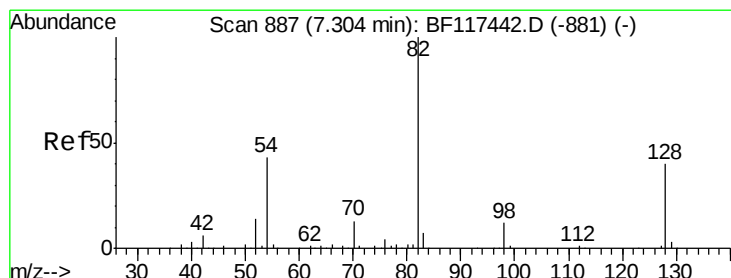
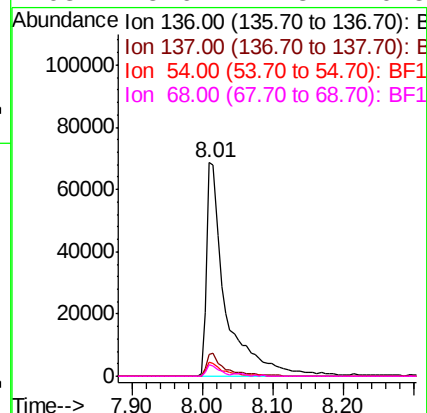
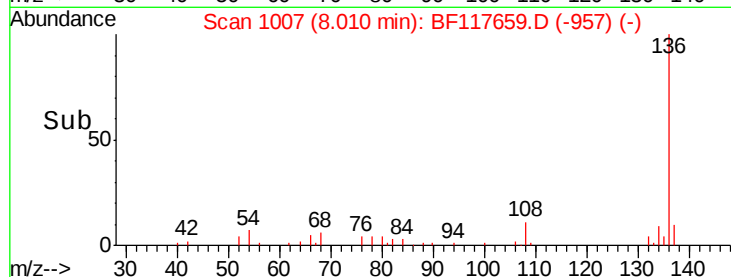
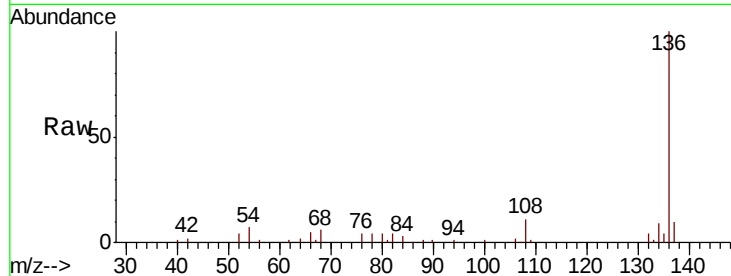




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117659.D
Acq: 31 Oct 2019 15:44

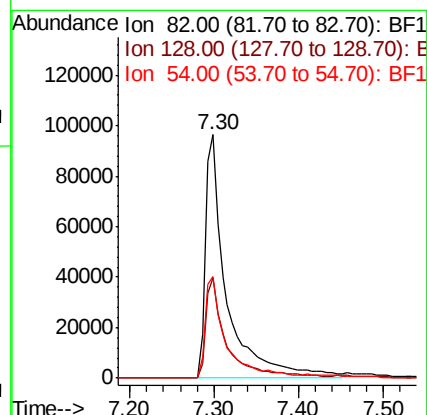
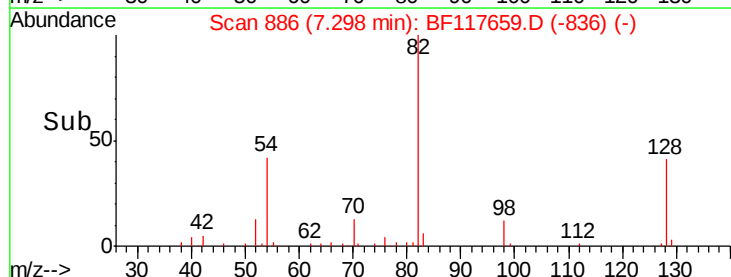
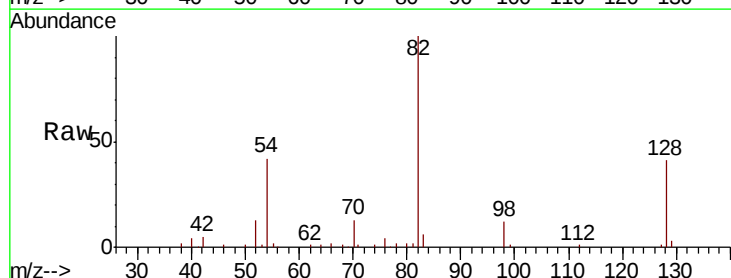
Instrument :
BNA_F
ClientSampled :
159-46-(0-1)

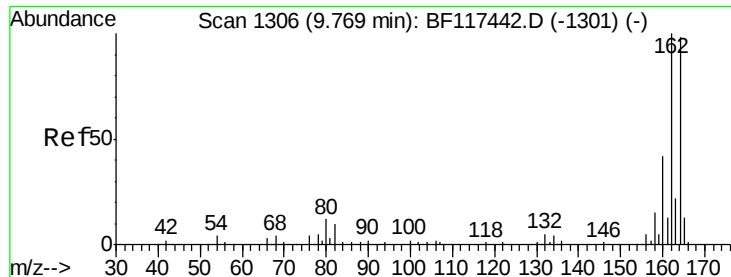
Tot Ion:136	Resp:	130612
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.2 12.4
54	6.6	4.5 6.7
68	5.6	4.3 6.5



#23
Nitrobenzene-d5
Concen: 63.405 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117659.D
Acq: 31 Oct 2019 15:44

Tgt Ion: 82	Resp:	167751
Ion Ratio	Lower	Upper
82	100	
128	41.2	32.2 48.2
54	41.7	34.2 51.2

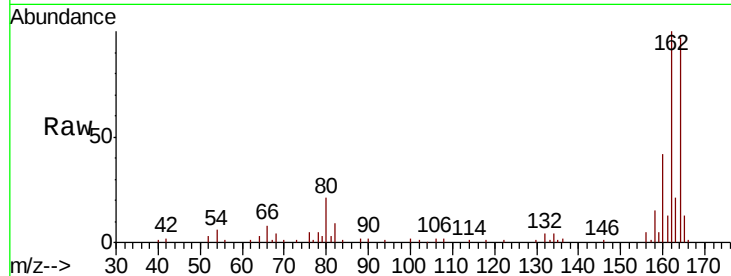




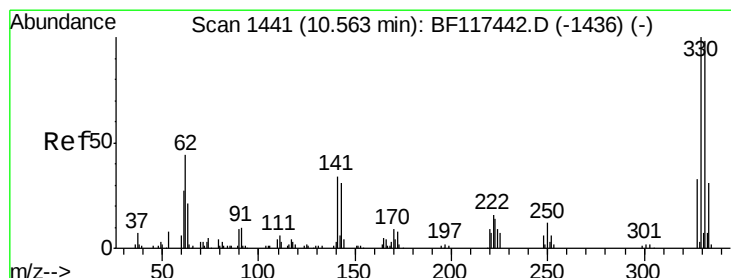
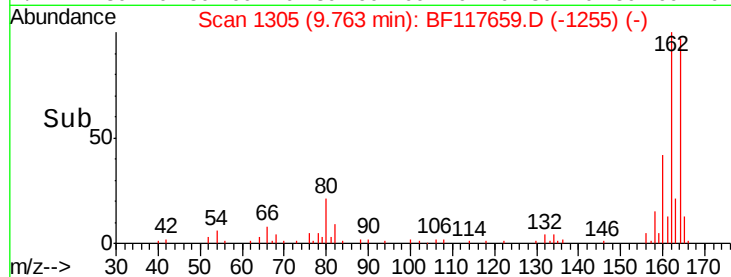
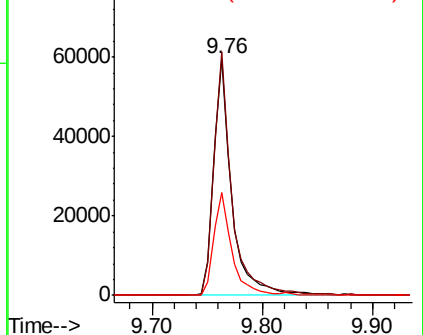
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117659.D
Acq: 31 Oct 2019 15:44

Instrument :
BNA_F
ClientSampleId :
159-46-(0-1)

Tot Ion:164 Resp: 67317
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 43.7 34.4 51.6

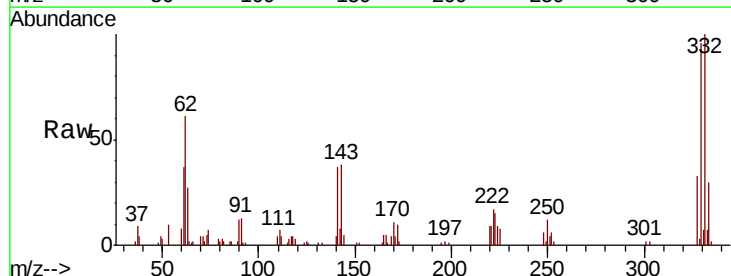


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

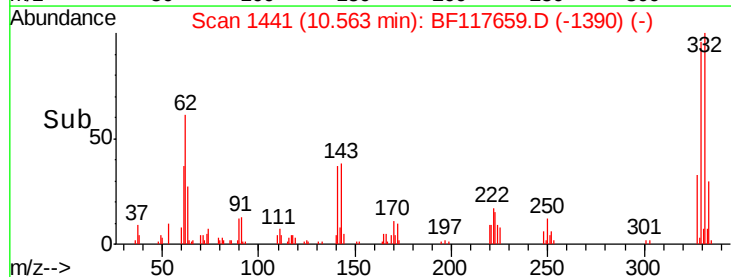
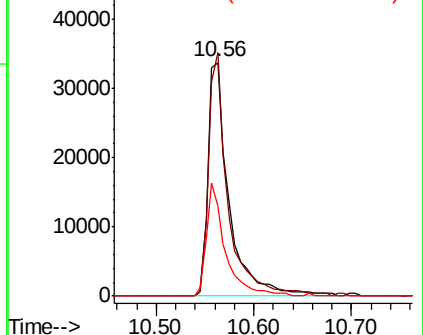


#42
2,4,6-Tribromophenol
Concen: 87.501 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF117659.D
Acq: 31 Oct 2019 15:44

Tgt Ion:330 Resp: 50966
Ion Ratio Lower Upper
330 100
332 96.0 78.5 117.7
141 43.0 37.0 55.6



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

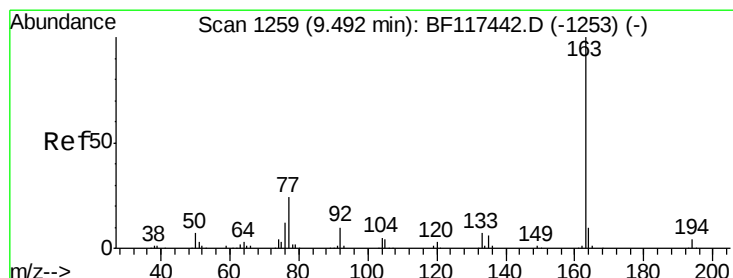
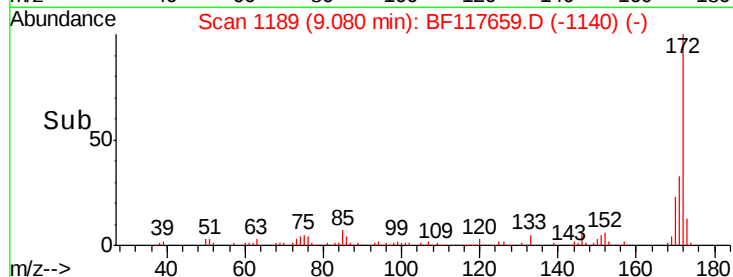
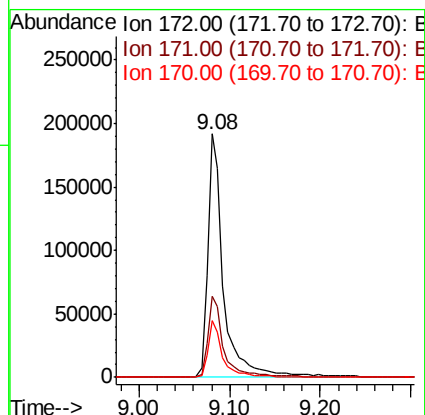
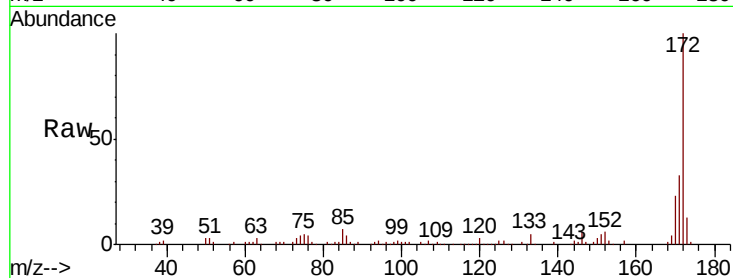




#45
2-Fluorobiphenyl
Concen: 48.920 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117659.D
Acq: 31 Oct 2019 15:44

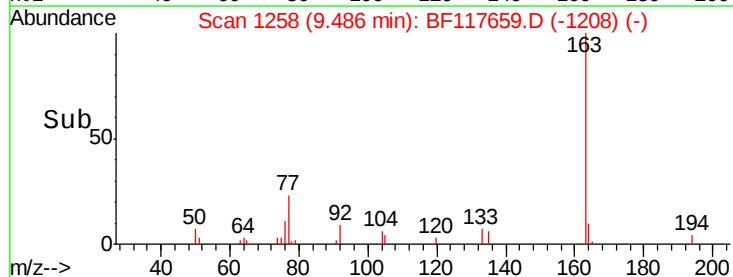
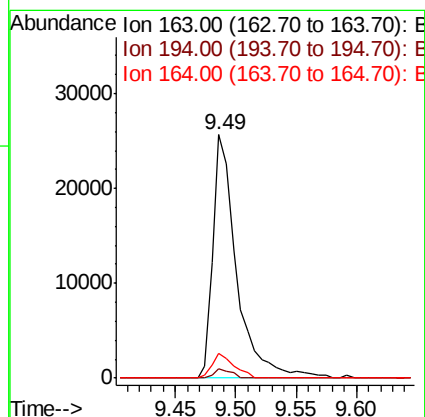
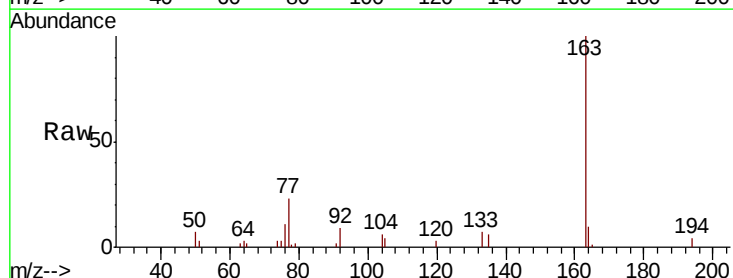
Instrument :
BNA_F
ClientSampleId :
159-46-(0-1)

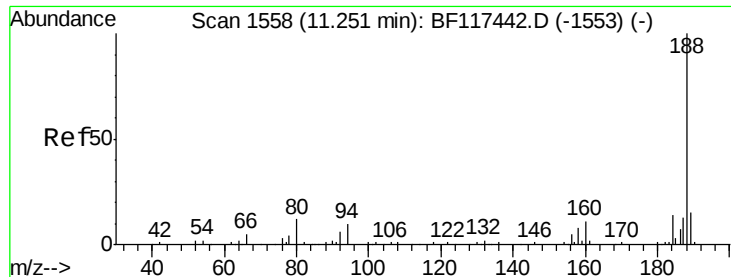
Tot Ion:172 Resp: 233723
Ion Ratio Lower Upper
172 100
171 33.4 27.5 41.3
170 23.2 18.6 27.8



#50
Dimethylphthalate
Concen: 7.267 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117659.D
Acq: 31 Oct 2019 15:44

Tgt Ion:163 Resp: 34872
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.9 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117659.D

Acq: 31 Oct 2019 15:44

Instrument :

BNA_F

ClientSampleId :

159-46-(0-1)

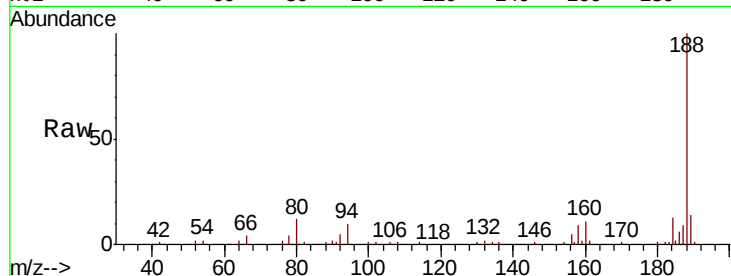
Tot Ion:188 Resp: 116567

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

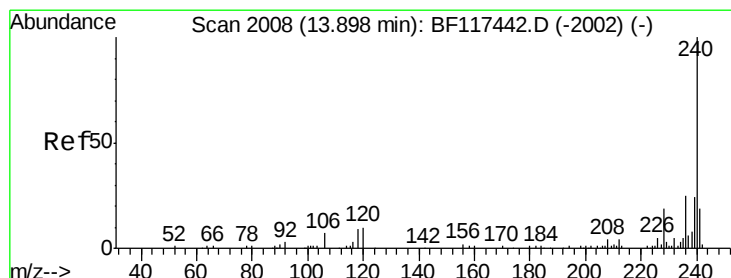
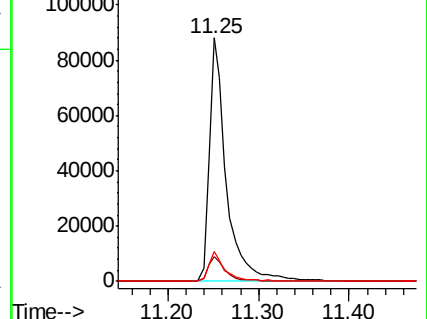
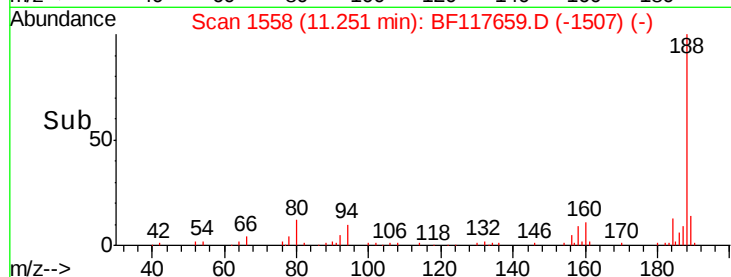
80 12.2 9.5 14.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117659.D

Acq: 31 Oct 2019 15:44

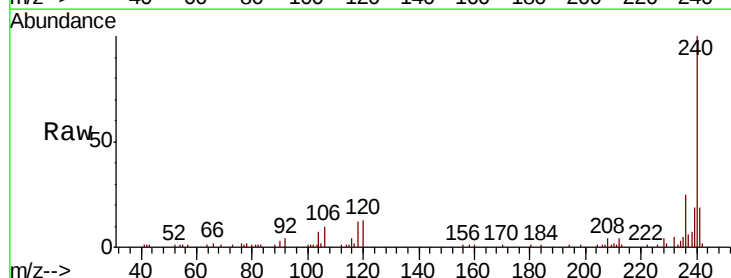
Tgt Ion:240 Resp: 69956

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

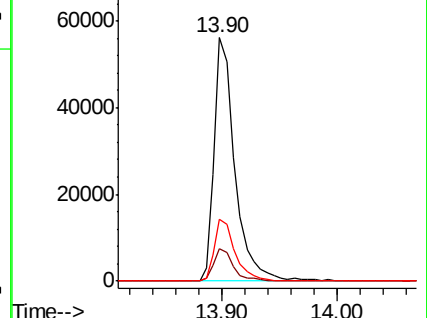
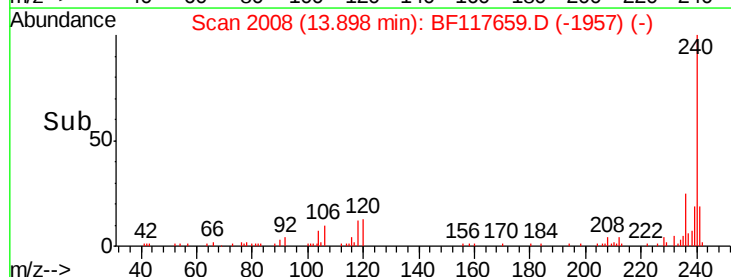
236 25.3 20.0 30.0

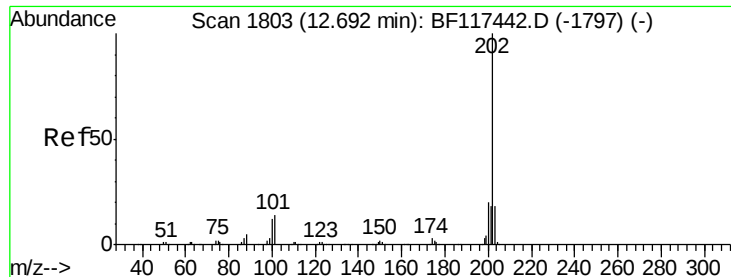


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

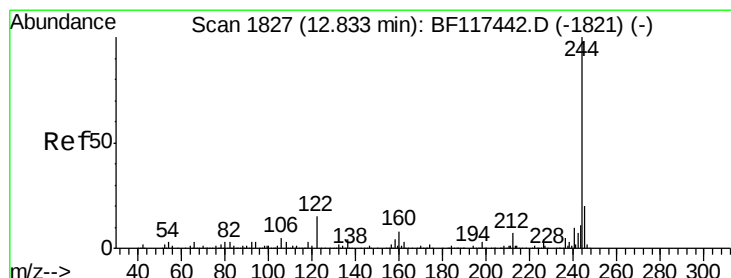
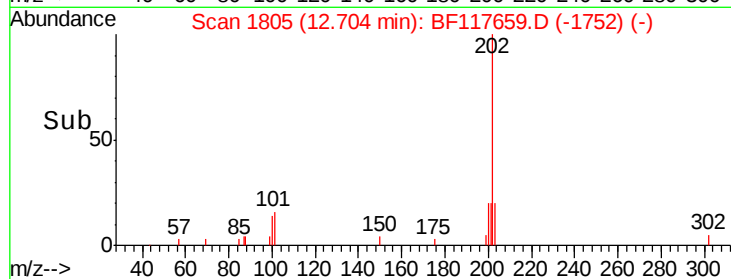
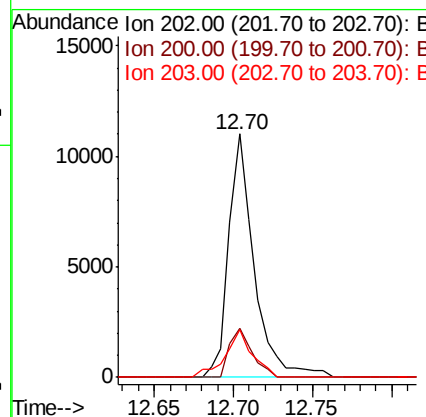
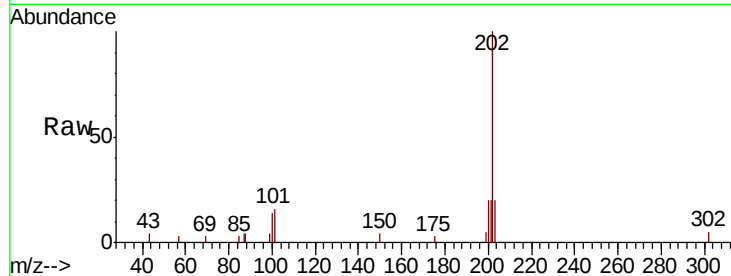




#78
Pvrene
Concen: 2.048 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF117659.D
Acq: 31 Oct 2019 15:44

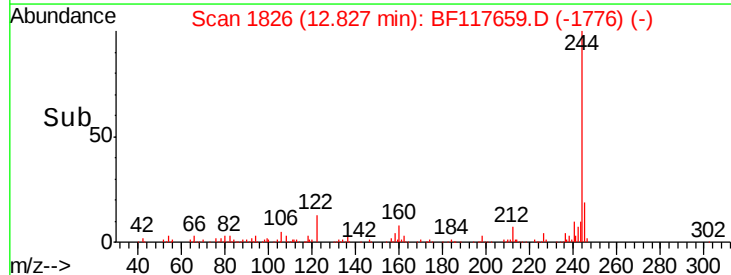
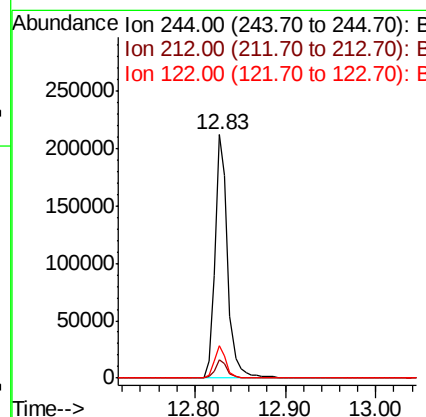
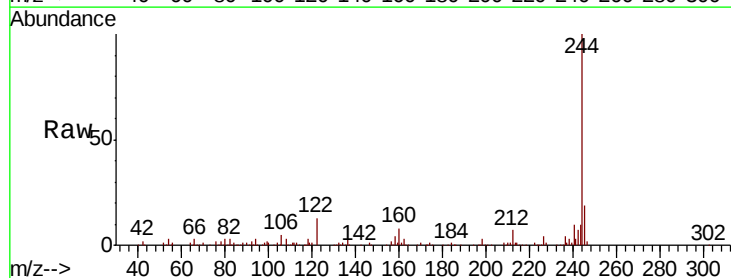
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159-46-(0-1)

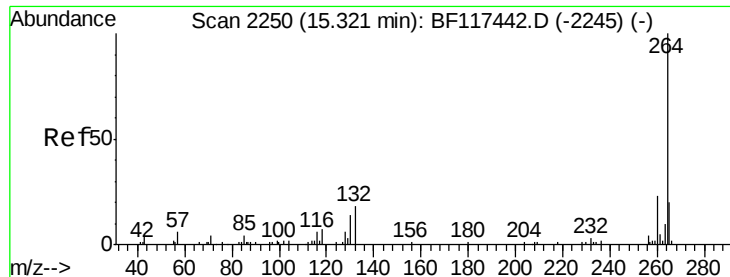
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.2
203	19.6	14.0	21.0



#79
Terphenyl-d14
Concen: 48.693 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117659.D
Acq: 31 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	13.2	11.8	17.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117659.D
 Acq: 31 Oct 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 159-46-(0-1)

Tot Ion:264 Resp: 67433
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 19.6 16.1 24.1

