

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118860.D
 Acq On : 7 Feb 2020 19:41
 Operator : CG/JU
 Sample : L1431-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 350

Quant Time: Feb 08 05:27:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

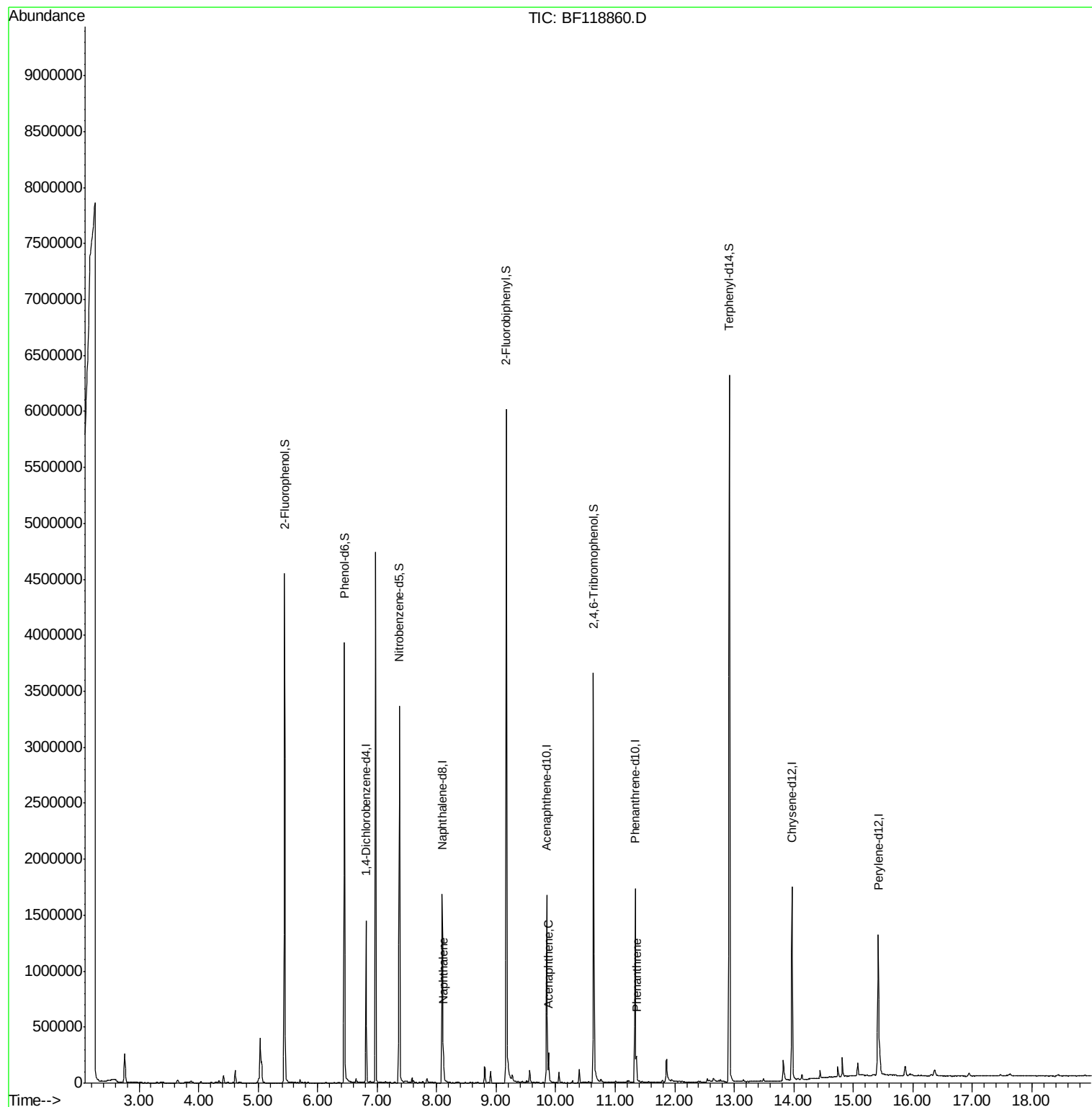
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	217054	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	799065	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	419370	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	709821	20.00	ng	0.00
76) Chrysene-d12	13.97	240	623465	20.00	ng	-0.01
87) Perylene-d12	15.42	264	723562	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1351781	117.89	ng	0.01
7) Phenol-d6	6.45	99	1464617	102.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	1137201	84.83	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	593945	118.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2293979	97.79	ng	-0.01
79) Terphenyl-d14	12.92	244	2461884	81.11	ng	-0.01
Target Compounds						
31) Naphthalene	8.12	128	115846	3.170	ng	97
52) Acenaphthene	9.88	154	53427	2.328	ng	98
71) Phenanthrene	11.36	178	84545	2.421	ng	95

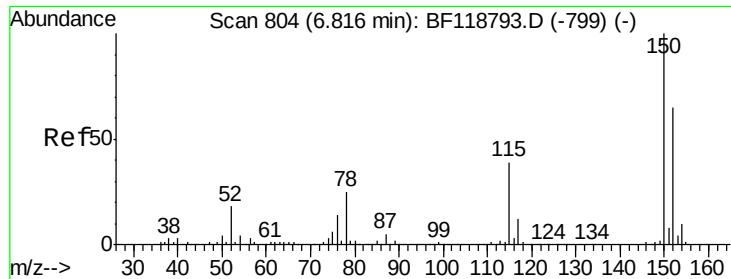
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118860.D
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Sample : L1431-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
350

Quant Time: Feb 08 05:27:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



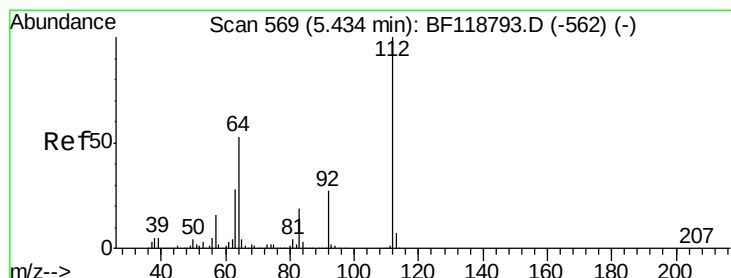
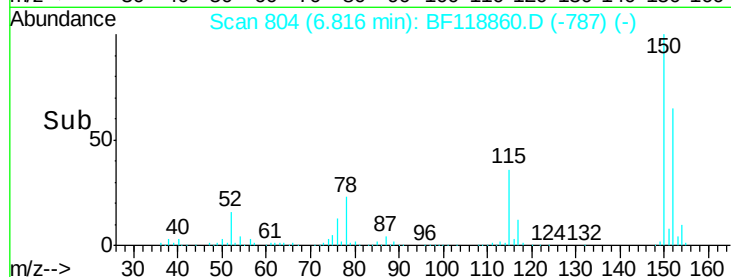
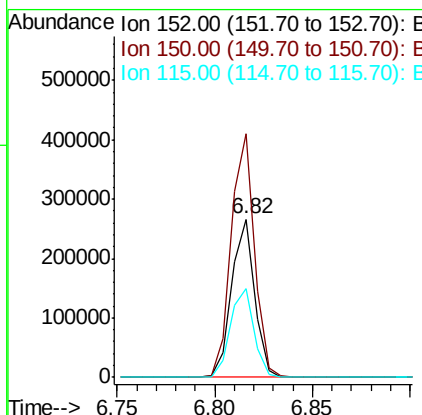
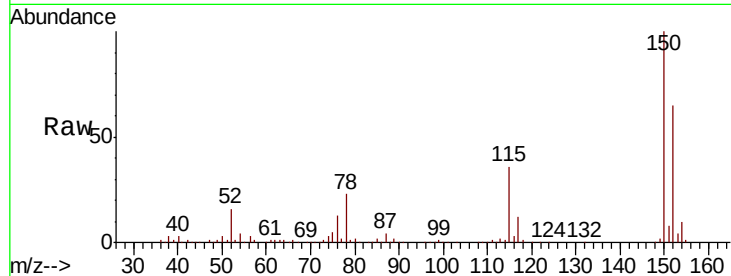


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

Instrument :
BNA_F
ClientSampleId :
350

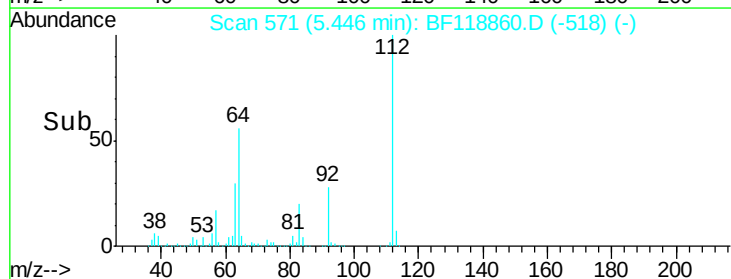
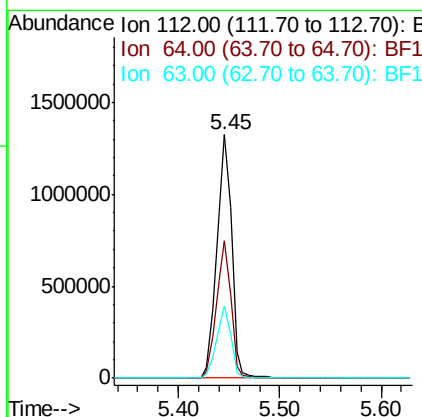
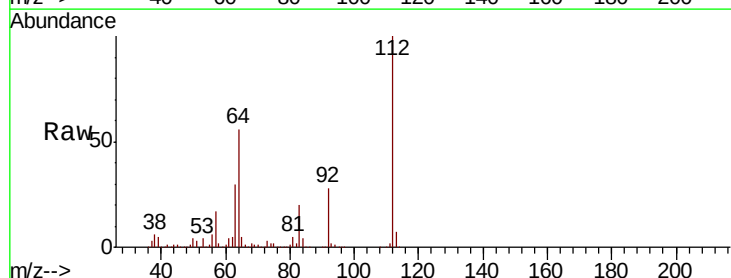
Tot Ion:152 Resp: 217054
Ion Ratio Lower Upper
152 100
150 154.2 123.6 185.4
115 55.9 48.2 72.2

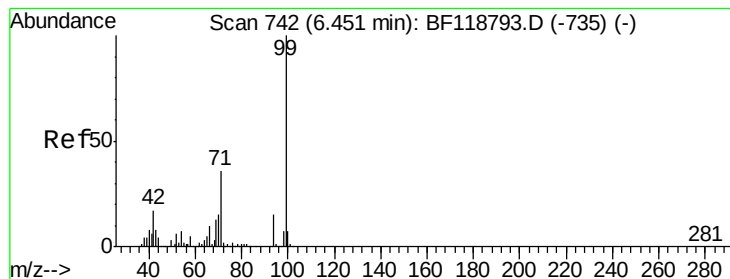


#5

2-Fluorophenol
Concen: 117.889 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

Tgt Ion:112 Resp: 1351781
Ion Ratio Lower Upper
112 100
64 56.2 42.6 63.8
63 29.6 22.2 33.4





#7

Phenol-d6

Concen: 102.895 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF118860.D

Acq: 7 Feb 2020 19:41

Instrument :

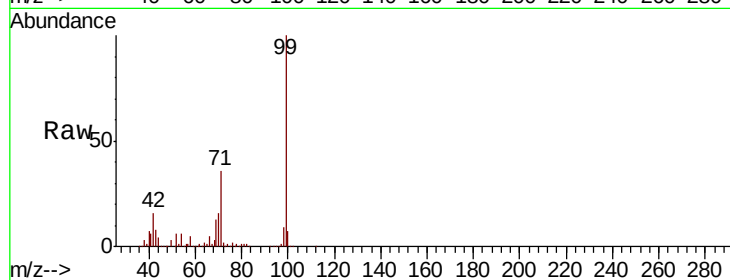
BNA_F

ClientSampleId :

350

Tot Ion: 99 Resp: 1464617

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.0
71	36.2	29.0	43.6

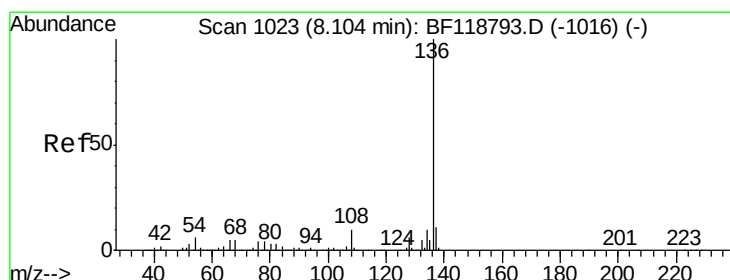
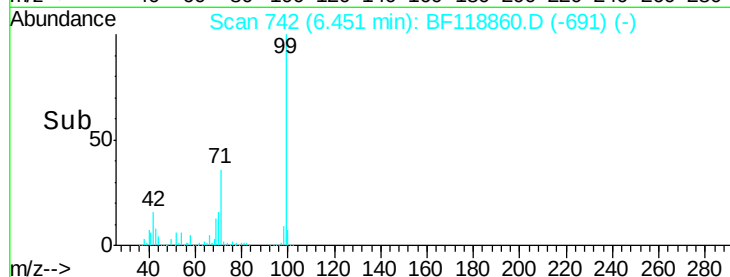


Abundance

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: 8.09 min Scan# 1021

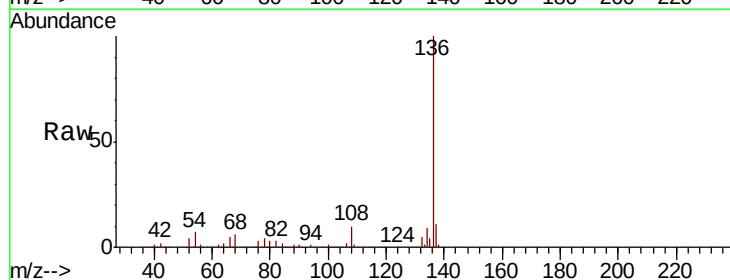
Delta R.T. -0.01 min

Lab File: BF118860.D

Acq: 7 Feb 2020 19:41

Tgt Ion: 136 Resp: 799065

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.8	5.0	7.6
68	5.8	4.2	6.4



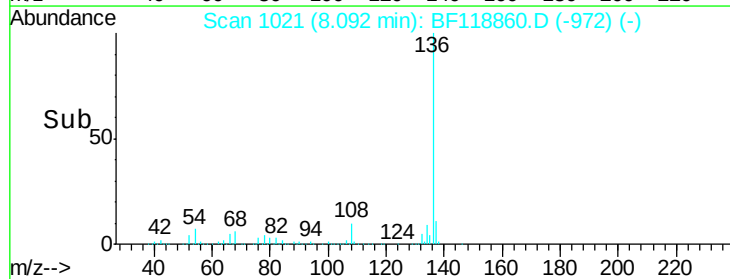
Abundance

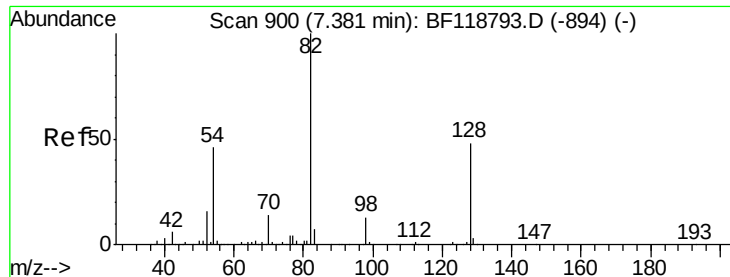
Ion 136.00 (135.70 to 136.70): E

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

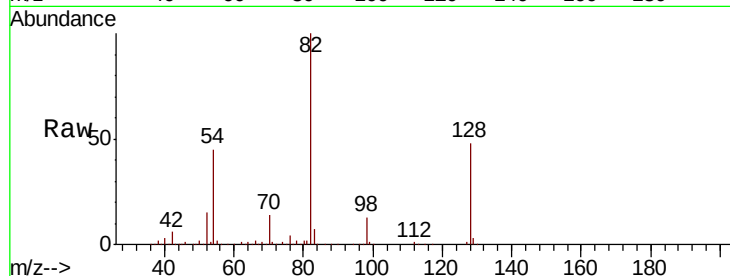




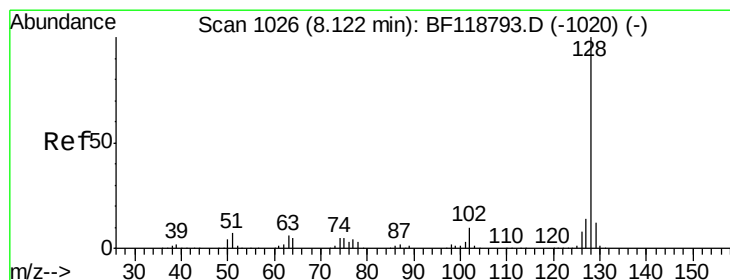
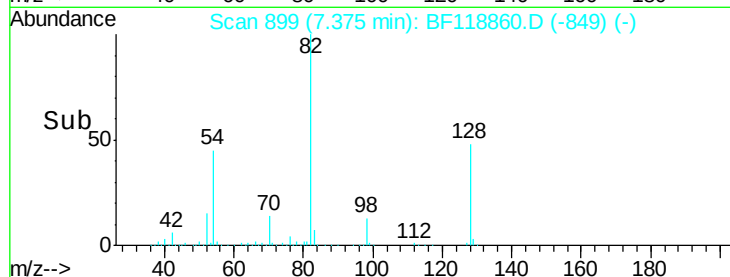
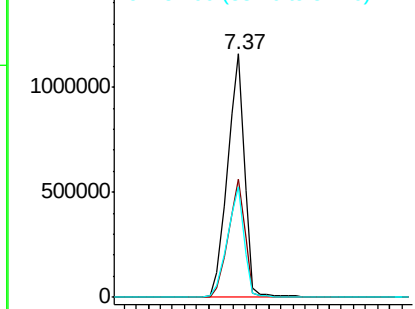
#23
 Nitrobenzene-d5
 Concen: 84.828 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118860.D
 Acq: 7 Feb 2020 19:41

Instrument :
 BNA_F
 ClientSampleId :
 350

Tot Ion: 82 Resp: 1137201
 Ion Ratio Lower Upper
 82 100
 128 48.3 38.5 57.7
 54 45.3 36.7 55.1

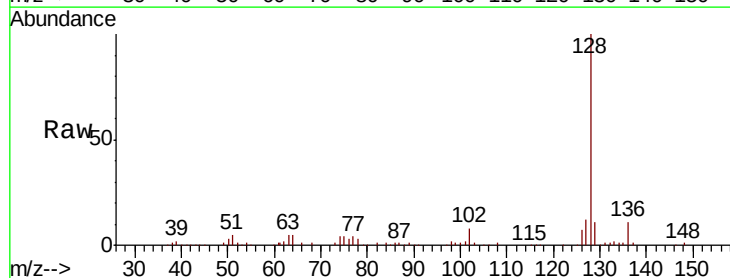


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

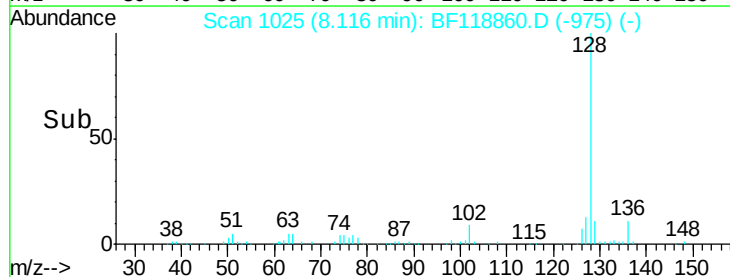
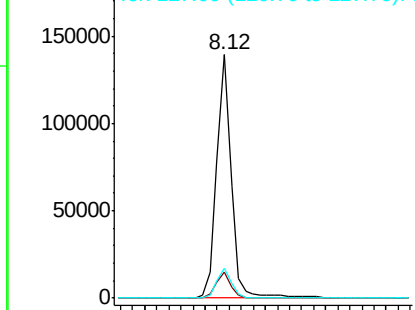


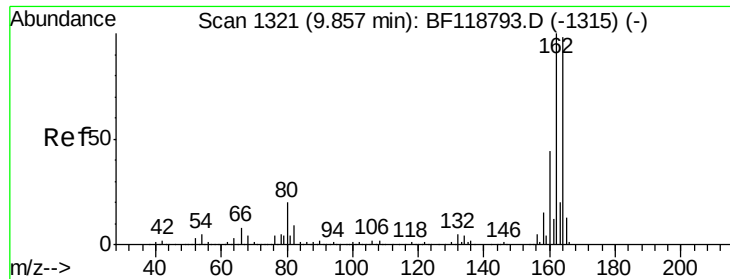
#31
 Naphthalene
 Concen: 3.170 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF118860.D
 Acq: 7 Feb 2020 19:41

Tgt Ion: 128 Resp: 115846
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.4 14.2
 127 12.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

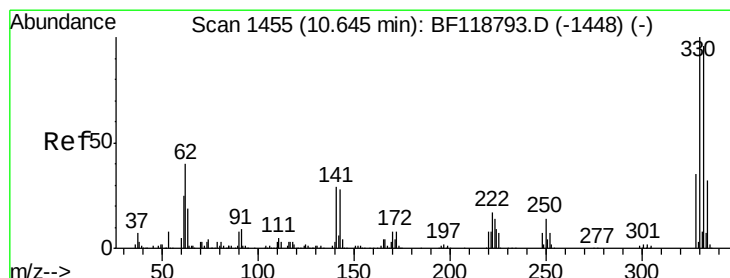
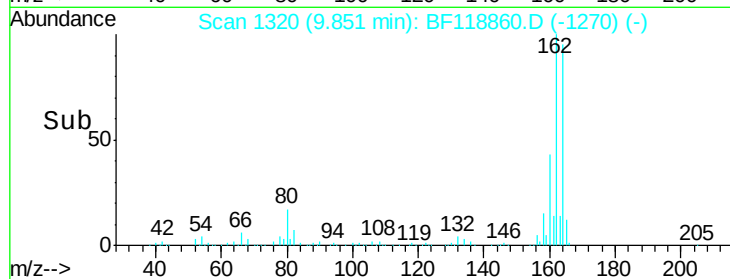
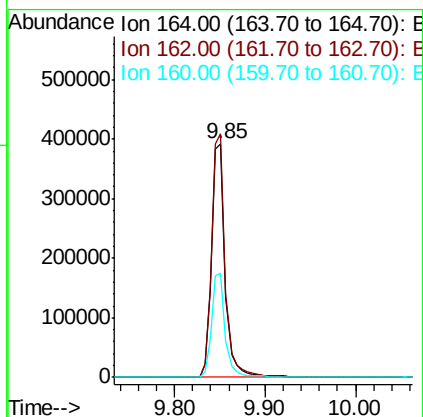
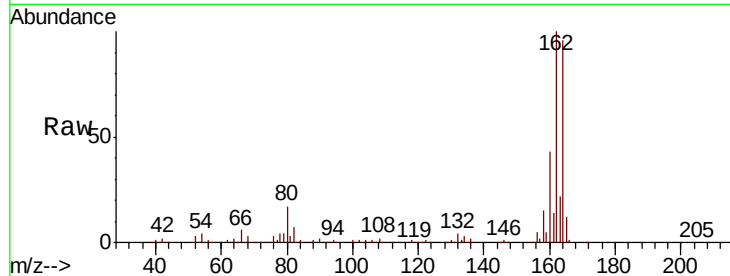




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

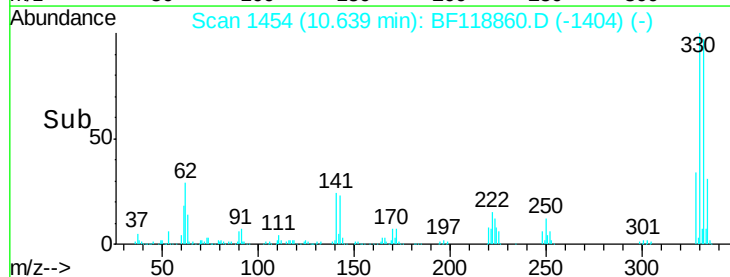
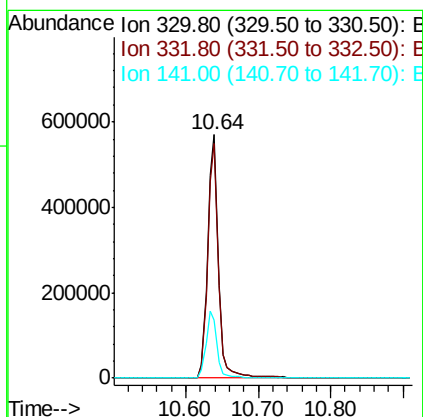
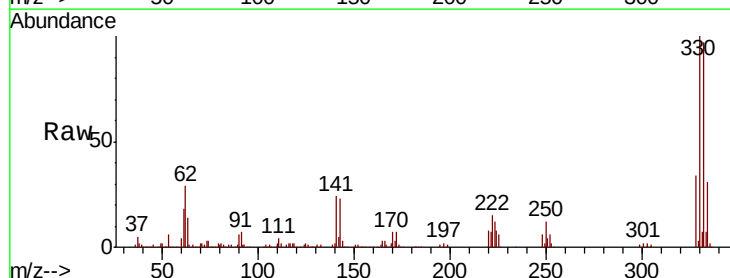
Instrument :
BNA_F
ClientSampled :
350

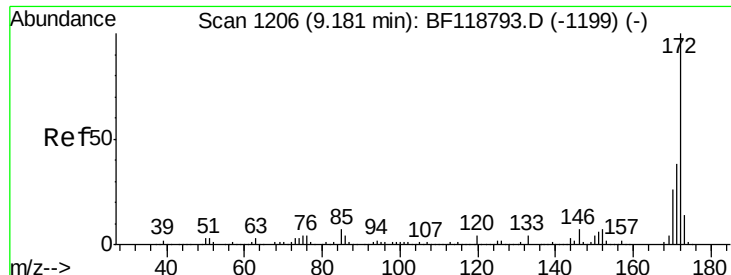
Tot Ion:164 Resp: 419370
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.2
160 44.7 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 118.366 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

Tgt Ion:330 Resp: 593945
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.1 22.4 33.6

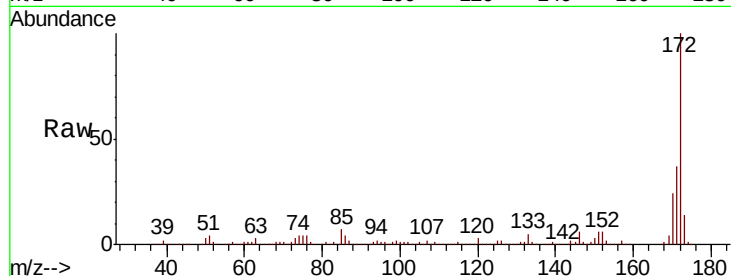




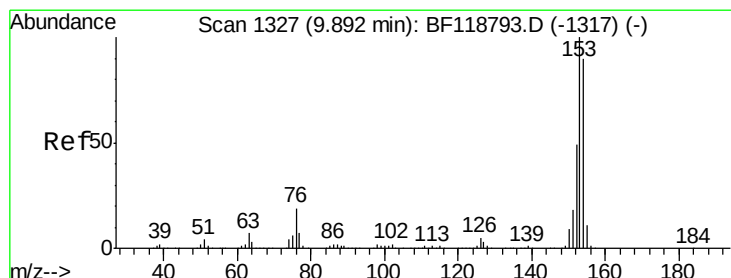
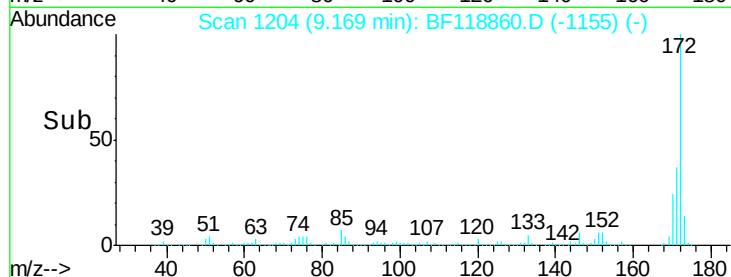
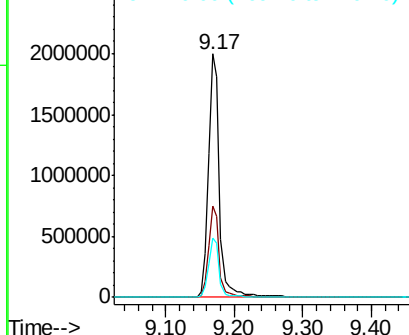
#45
2-Fluorobiphenyl
Concen: 97.788 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

Instrument :
BNA_F
ClientSampled :
350

Tot Ion:172 Resp: 2293979
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 24.2 20.5 30.7

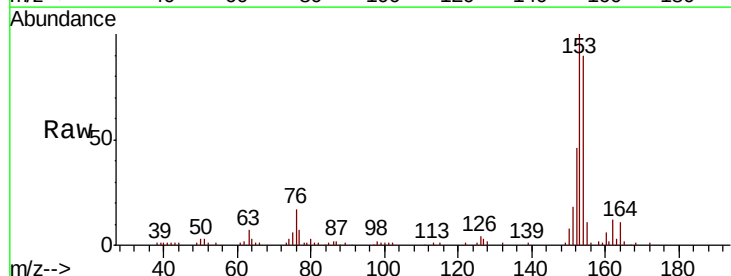


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

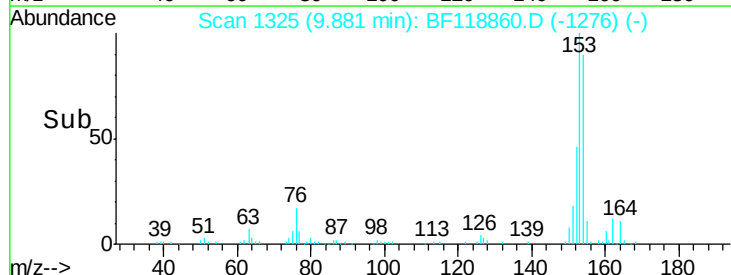
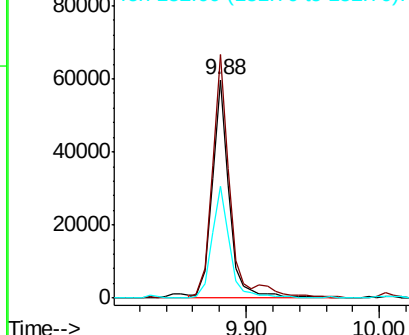


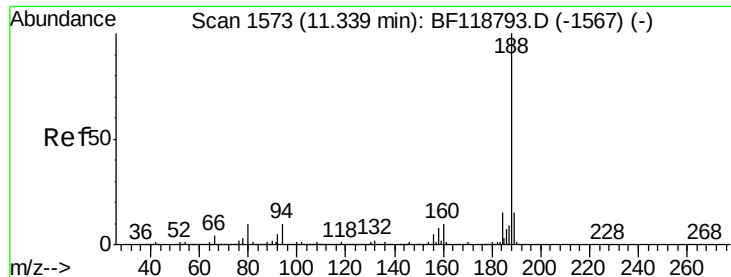
#52
Acenaphthene
Concen: 2.328 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

Tgt Ion:154 Resp: 53427
Ion Ratio Lower Upper
154 100
153 111.6 89.4 134.0
152 51.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

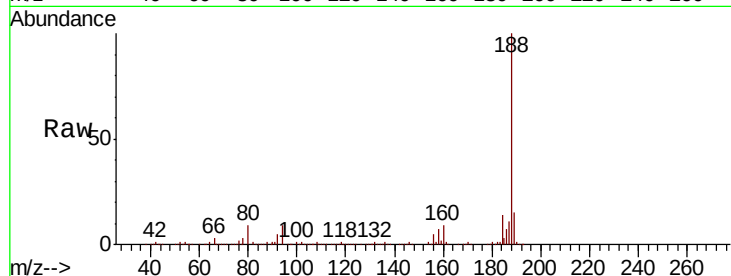




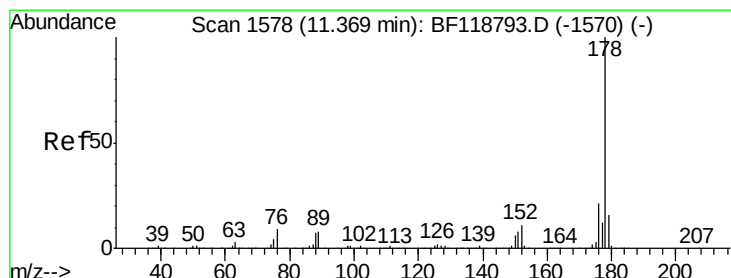
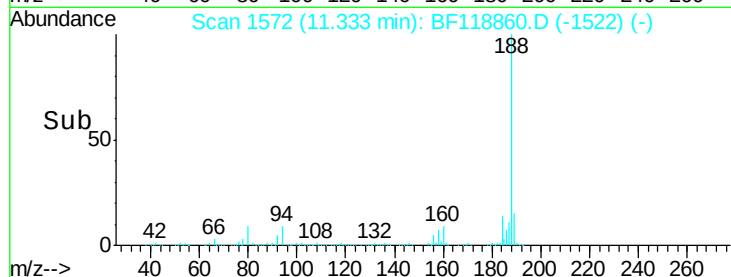
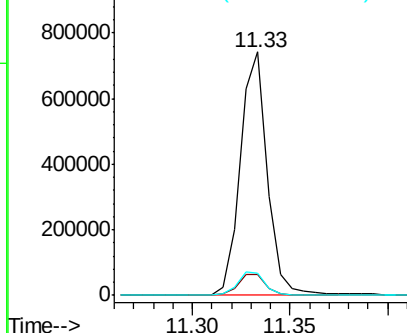
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

Instrument :
BNA_F
ClientSampled :
350

Tot Ion:188 Resp: 709821
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.0 8.4 12.6

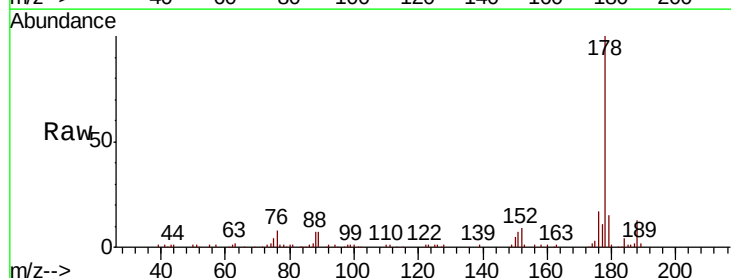


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

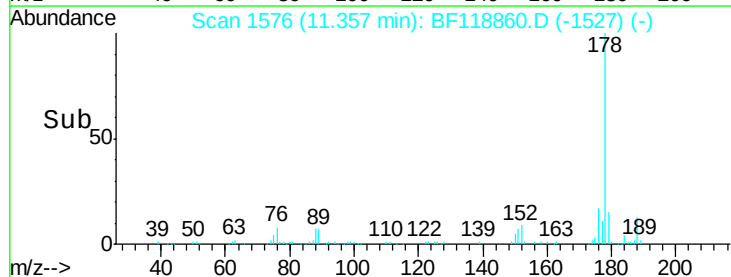
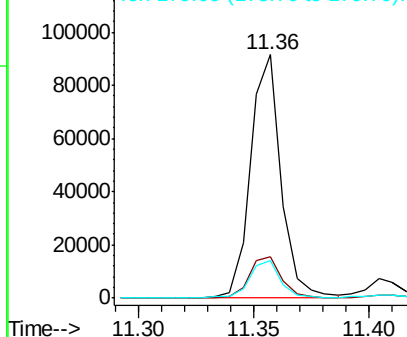


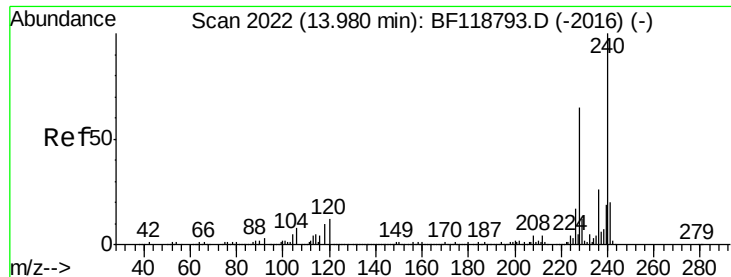
#71
Phenanthrene
Concen: 2.421 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

Tgt Ion:178 Resp: 84545
Ion Ratio Lower Upper
178 100
176 17.1 16.6 24.8
179 15.4 13.2 19.8



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

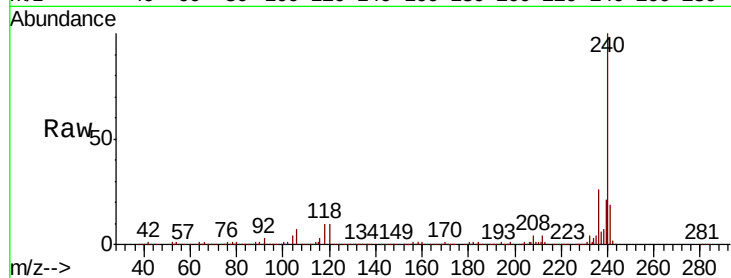




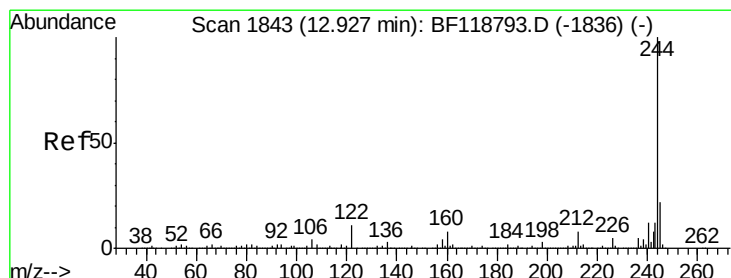
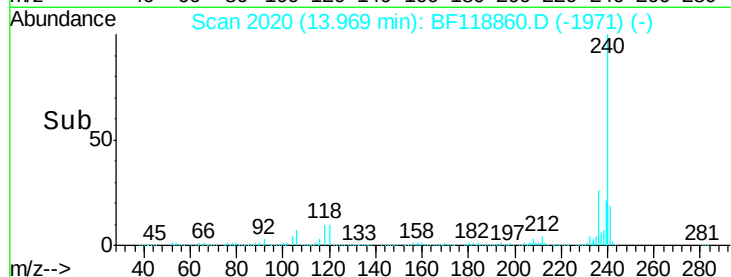
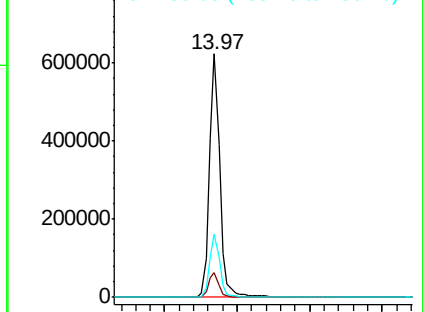
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

Instrument :
BNA_F
ClientSampleId :
350

Tot Ion:240 Resp: 623465
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.0
236 25.7 21.0 31.6

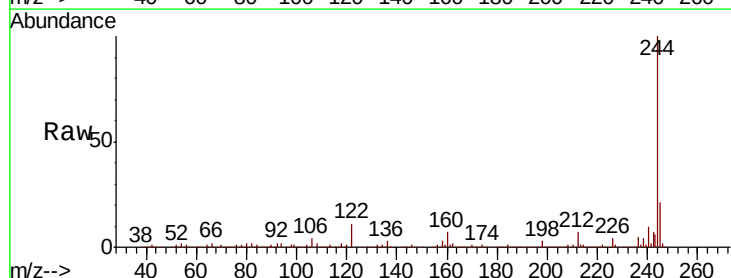


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

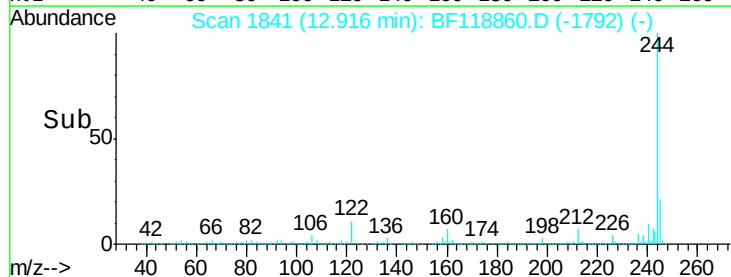
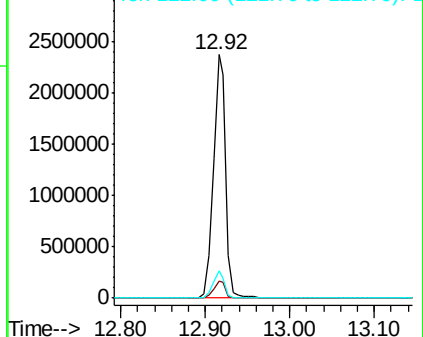


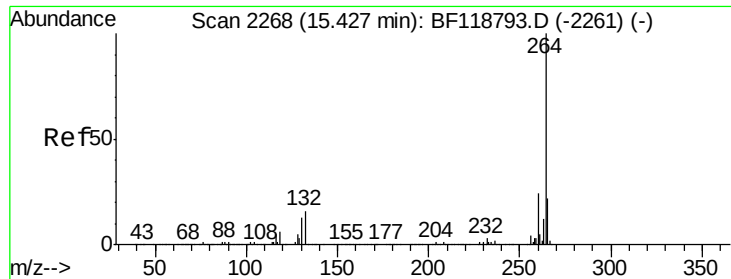
#79
Terphenyl-d14
Concen: 81.108 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

Tgt Ion:244 Resp: 2461884
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 11.0 8.9 13.3



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



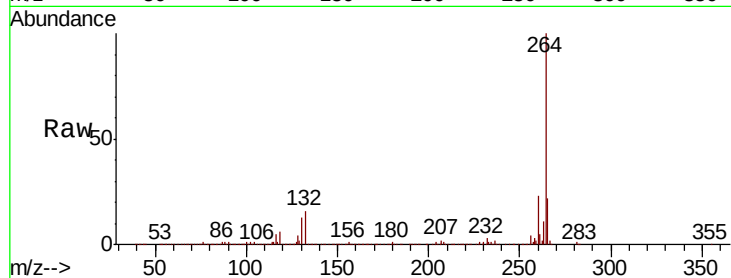


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118860.D
Acq: 7 Feb 2020 19:41

Instrument :
BNA_F
ClientSampleId :
350

Tot Ion: 264 Resp: 723562

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	22.2	17.2	25.8



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

