

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
 Data File : BF113051.D
 Acq On : 14 Mar 2019 15:55
 Operator : JU/SJ
 Sample : K1866-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-12-COMP

Quant Time: Mar 15 07:16:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

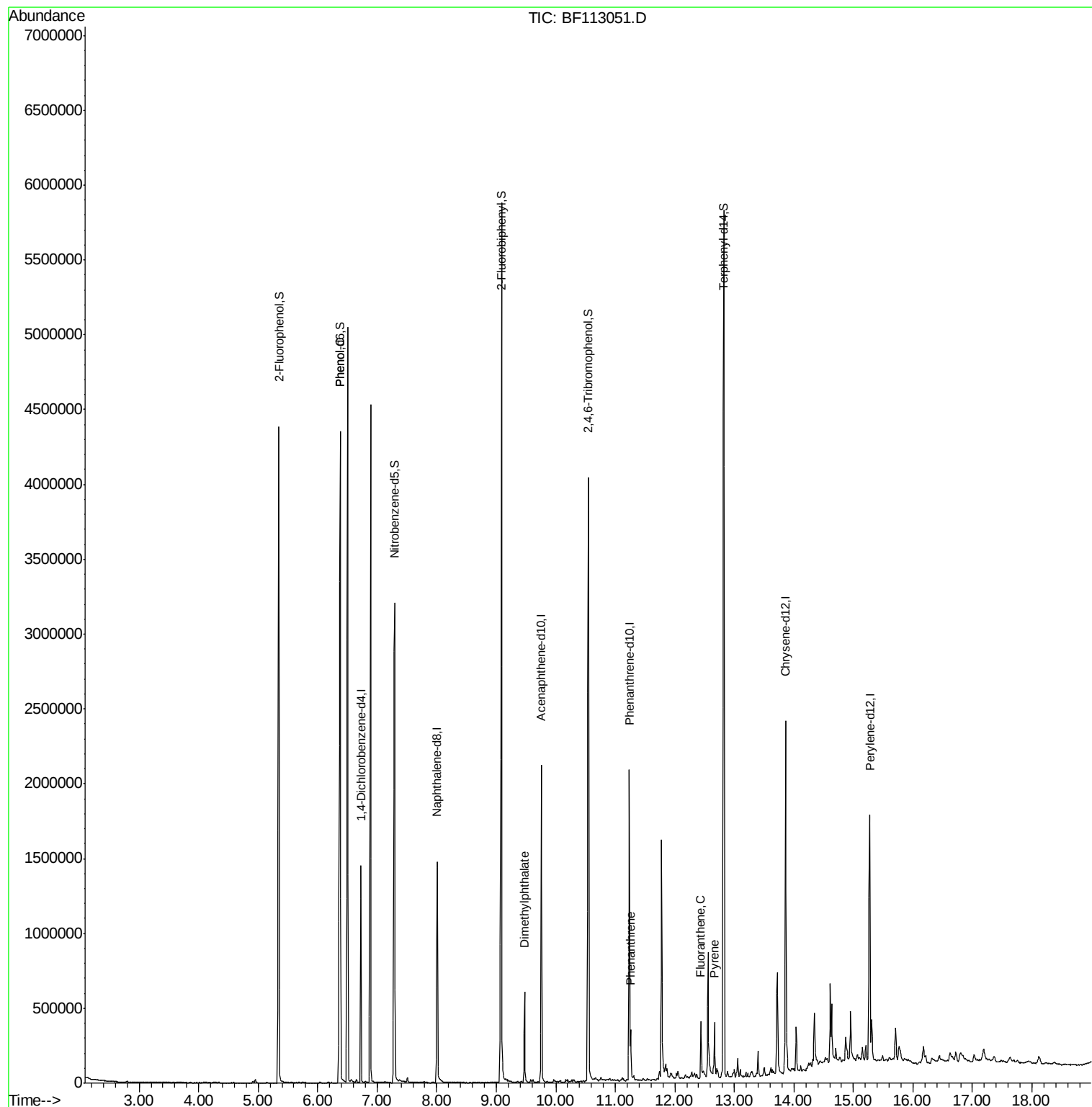
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	221718	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	829299	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	425548	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	861184	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	792799	20.00	ng	0.00
87) Perylene-d12	15.27	264	842965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1515998	106.36	ng	0.00
7) Phenol-d6	6.38	99	2026015	113.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	1273646	91.90	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	660615	146.23	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2078543	79.57	ng	0.00
79) Terphenyl-d14	12.82	244	2376250	58.10	ng	0.00
Target Compounds						
10) Phenol	6.39	94	160105	7.663	ng	95
50) Dimethylphthalate	9.47	163	244844	7.803	ng	99
71) Phenanthrene	11.26	178	99821	2.330	ng	97
75) Fluoranthene	12.44	202	157701	3.435	ng	96
78) Pyrene	12.67	202	143345	2.145	ng	99

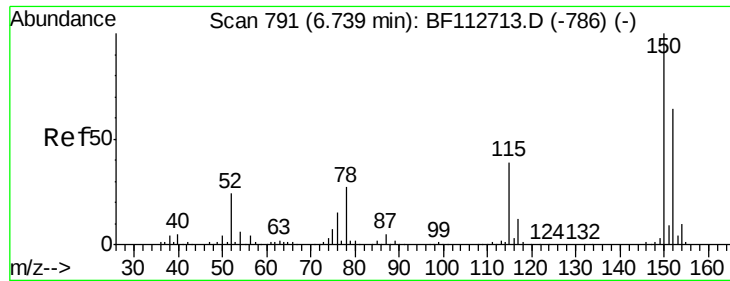
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF113051.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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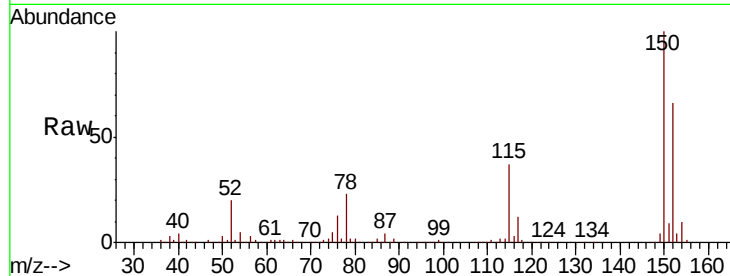


#1

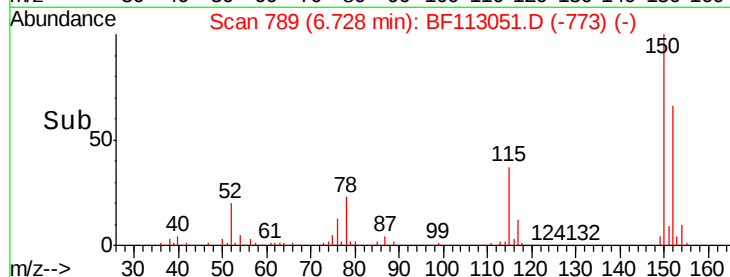
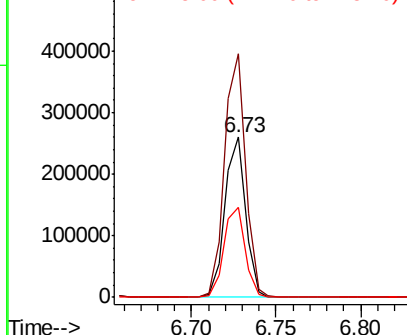
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113051.D
Acq: 14 Mar 2019 15:55

Instrument :
BNA_F
ClientSampleId :
MR-MH-12-COMP

Tot Ion:152 Resp: 221718
Ion Ratio Lower Upper
152 100
150 152.4 124.2 186.2
115 56.1 48.2 72.4



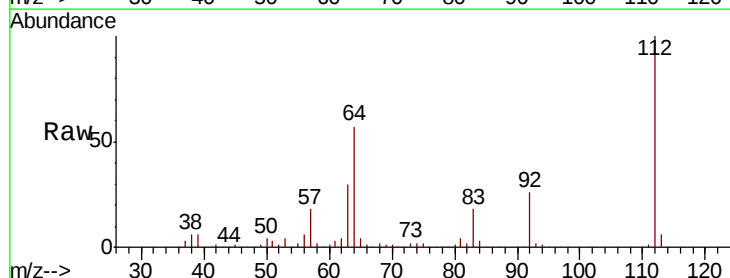
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



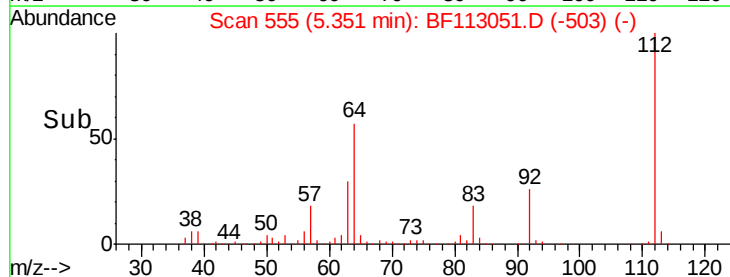
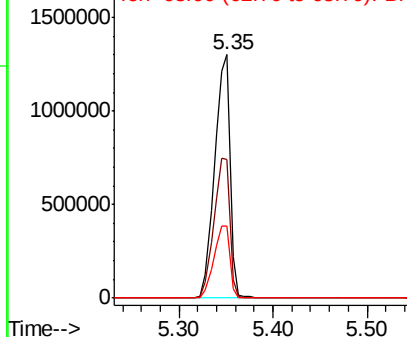
#5

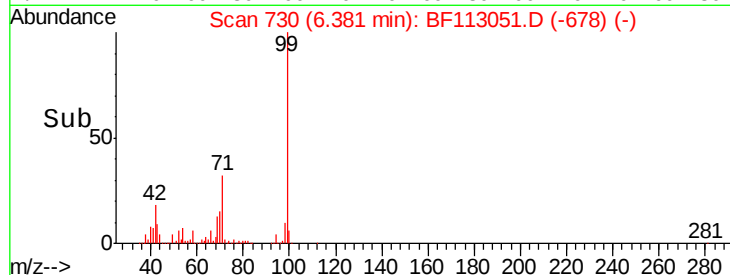
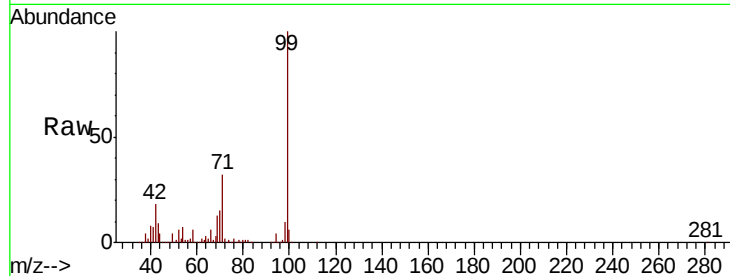
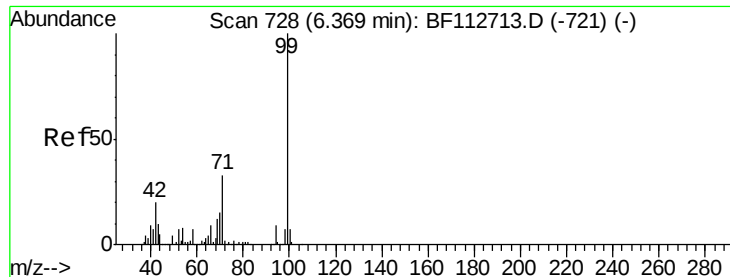
2-Fluorophenol
Concen: 106.360 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113051.D
Acq: 14 Mar 2019 15:55

Tgt Ion:112 Resp: 1515998
Ion Ratio Lower Upper
112 100
64 57.2 47.6 71.4
63 29.7 24.4 36.6



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: 113.156 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113051.D

Acq: 14 Mar 2019 15:55

Instrument :

BNA_F

ClientSampleId :

MR-MH-12-COMP

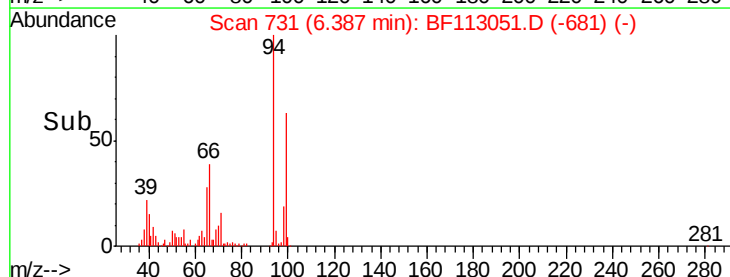
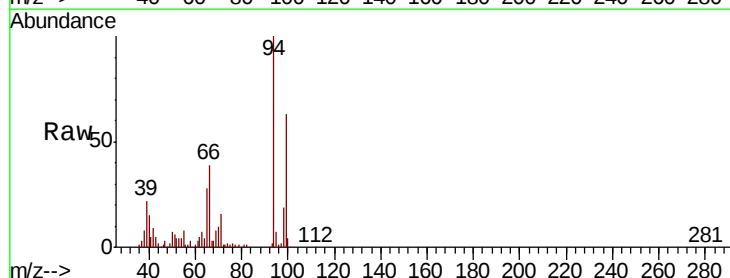
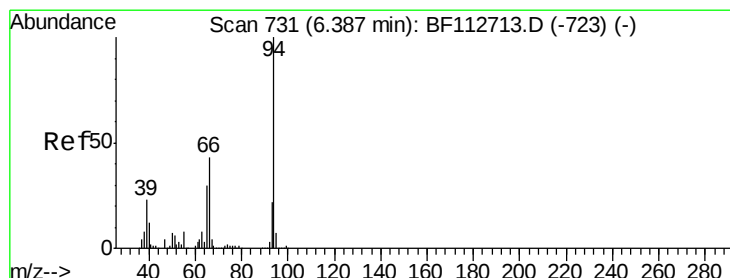
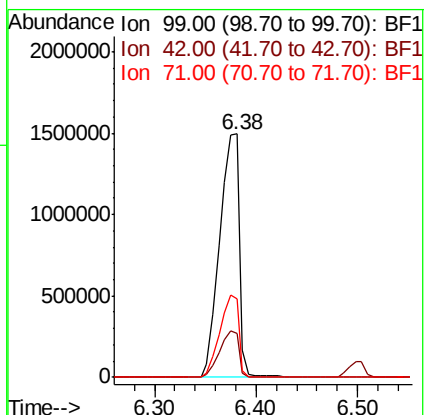
Tot Ion: 99 Resp: 2026015

Ion Ratio Lower Upper

99 100

42 17.9 16.3 24.5

71 32.3 26.2 39.4



#10

Phenol

Concen: 7.663 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113051.D

Acq: 14 Mar 2019 15:55

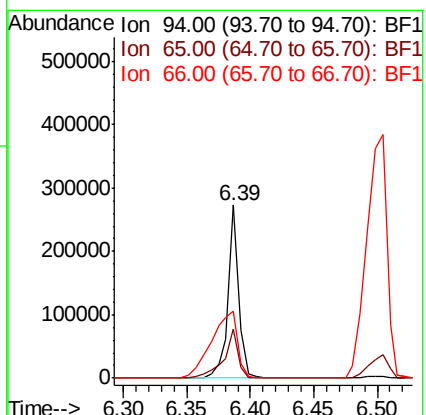
Tgt Ion: 94 Resp: 160105

Ion Ratio Lower Upper

94 100

65 28.3 10.5 50.5

66 38.6 22.6 62.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113051.D

Acq: 14 Mar 2019 15:55

Instrument :

BNA_F

ClientSampleId :

MR-MH-12-COMP

Tot Ion:136 Resp: 829299

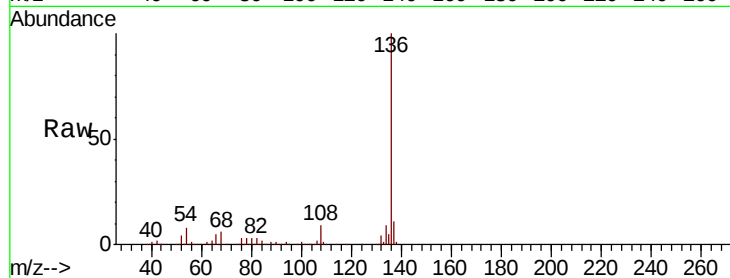
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.7 7.3 10.9

68 5.6 5.4 8.2

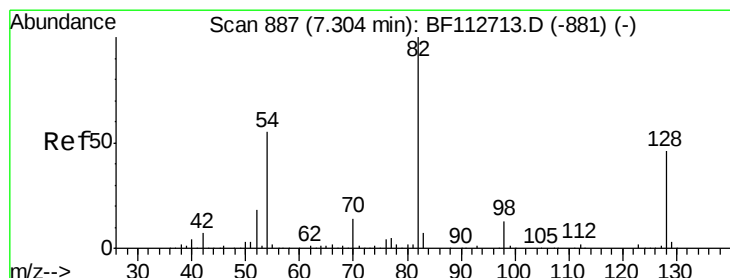
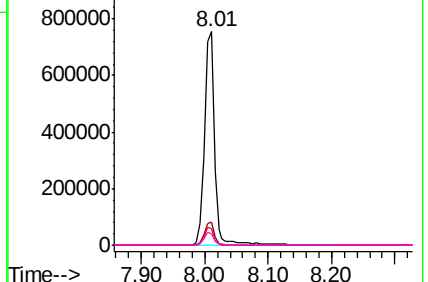
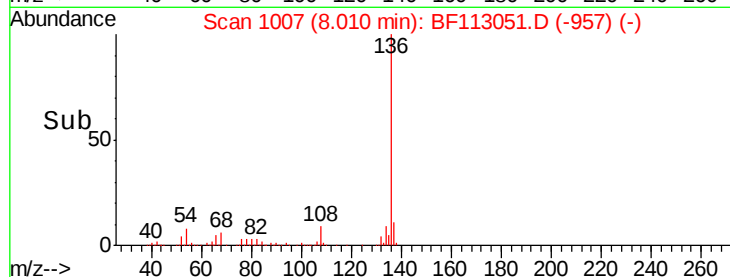


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.900 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113051.D

Acq: 14 Mar 2019 15:55

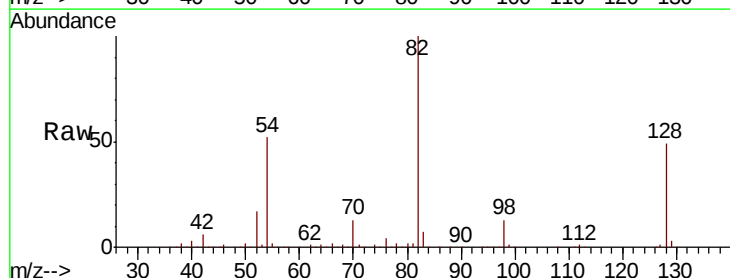
Tgt Ion: 82 Resp: 1273646

Ion Ratio Lower Upper

82 100

128 48.5 36.3 54.5

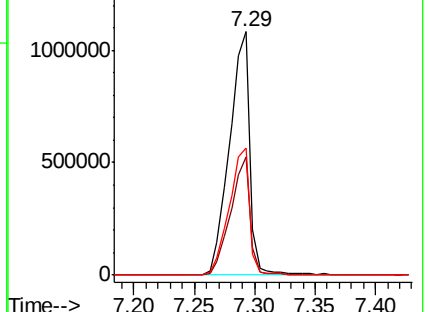
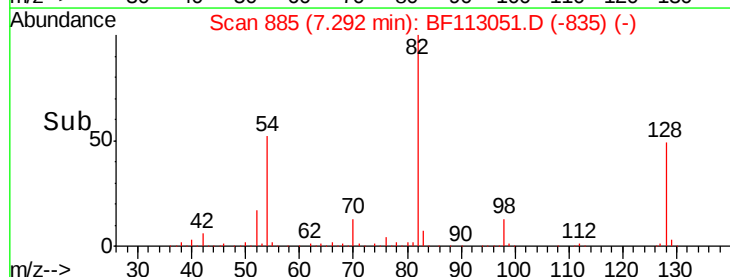
54 52.3 43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

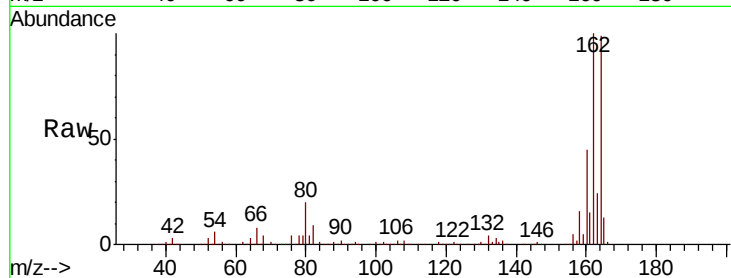




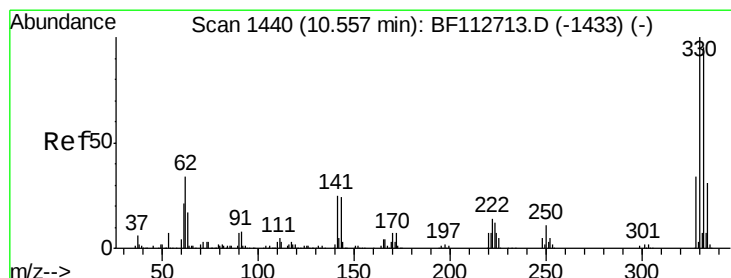
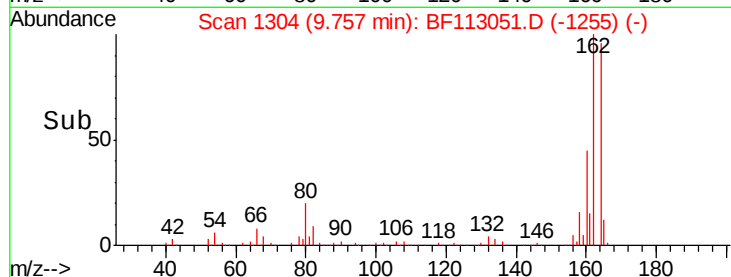
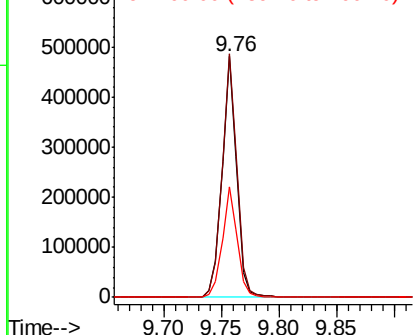
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113051.D
Acq: 14 Mar 2019 15:55

Instrument :
BNA_F
ClientSampleId :
MR-MH-12-COMP

Tot Ion:164 Resp: 425548
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 45.7 36.0 54.0

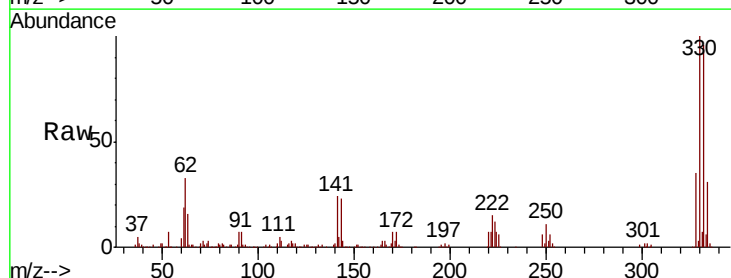


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

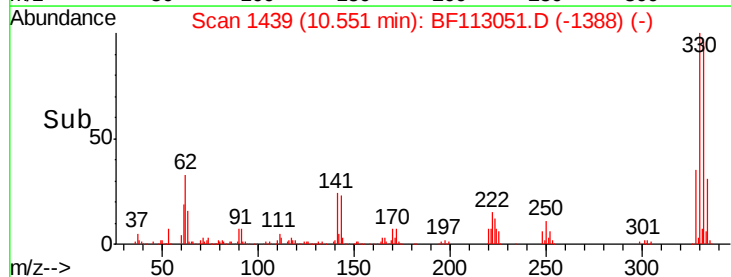
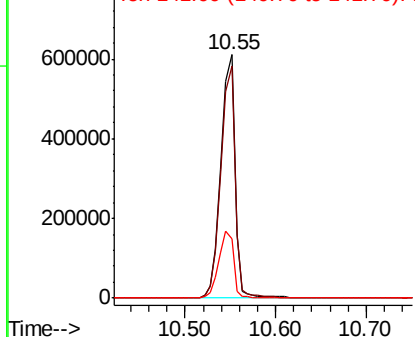


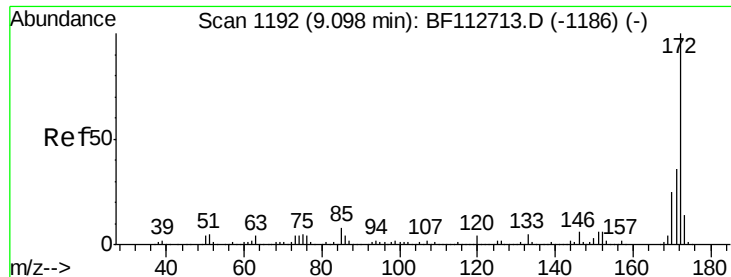
#42
2,4,6-Tribromophenol
Concen: 146.227 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113051.D
Acq: 14 Mar 2019 15:55

Tgt Ion:330 Resp: 660615
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 28.6 27.0 40.6



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

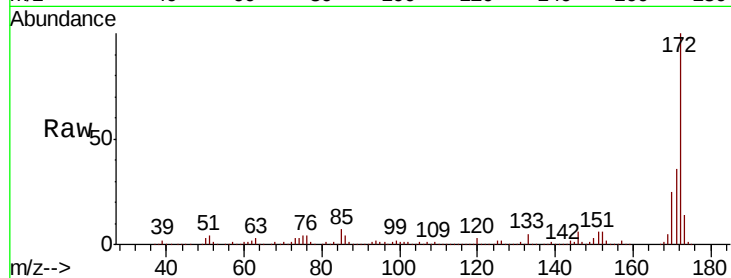




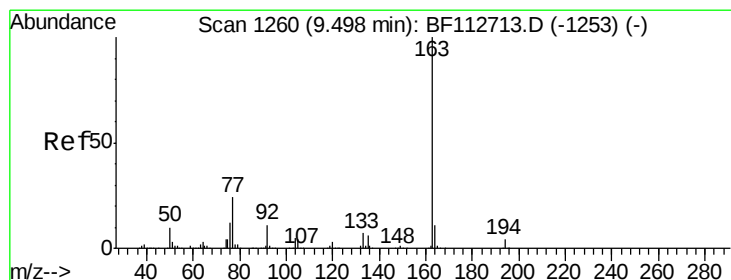
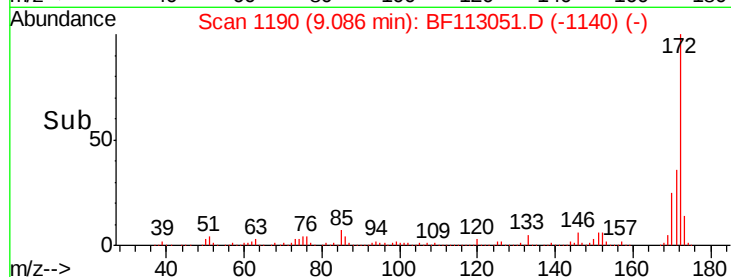
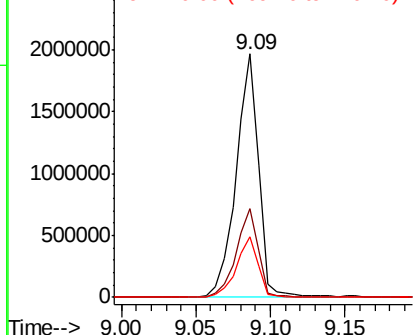
#45
2-Fluorobiphenyl
Concen: 79.571 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113051.D
Acq: 14 Mar 2019 15:55

Instrument :
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MR-MH-12-COMP

Tot Ion:172 Resp: 2078543
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 25.0 20.0 30.0

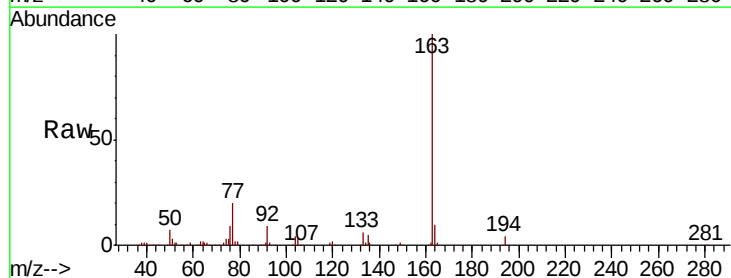


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

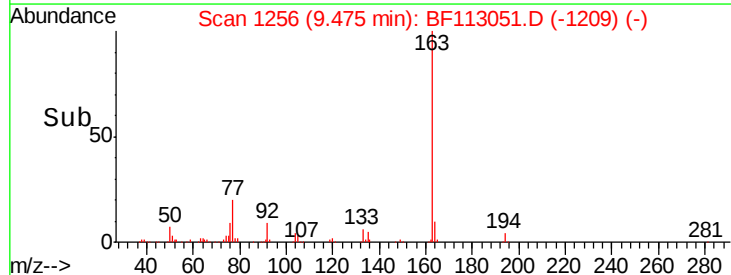
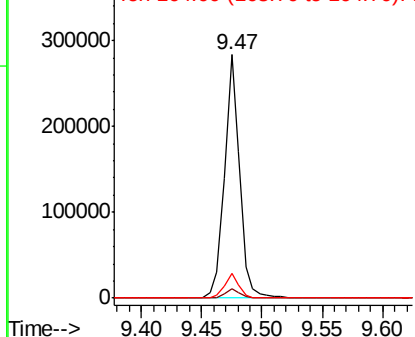


#50
Dimethylphthalate
Concen: 7.803 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113051.D
Acq: 14 Mar 2019 15:55

Tgt Ion:163 Resp: 244844
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 8.4 12.6



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

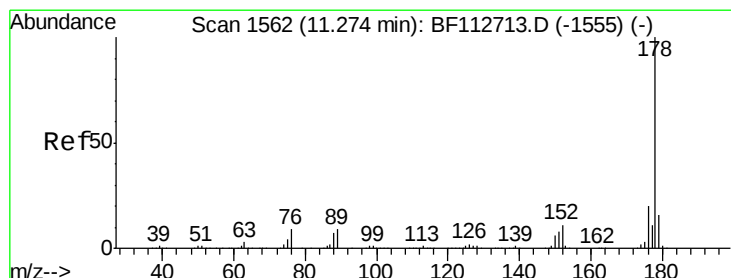
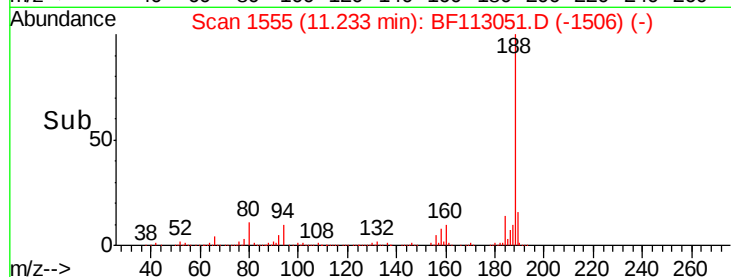
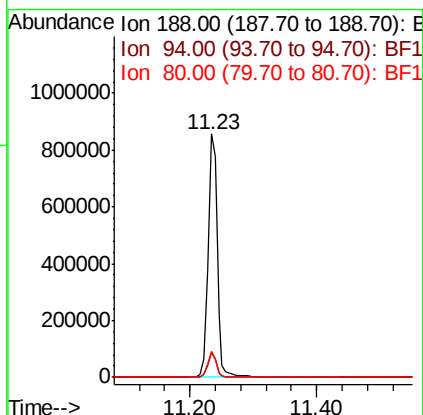
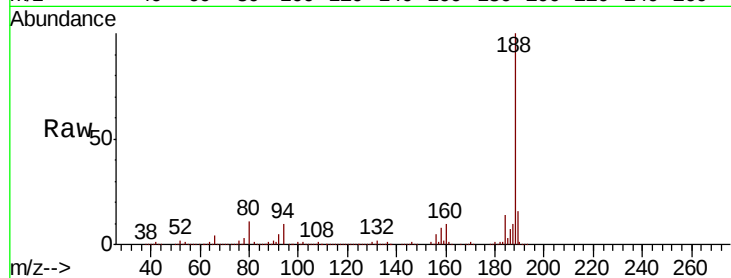




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113051.D
Acq: 14 Mar 2019 15:55

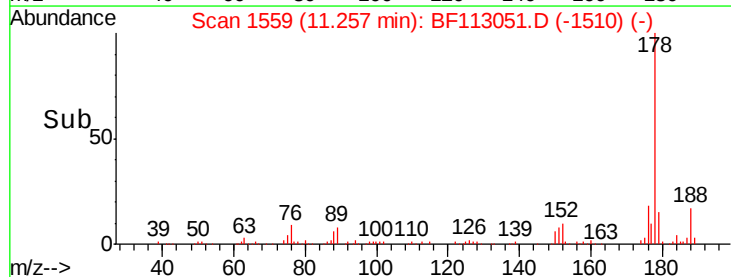
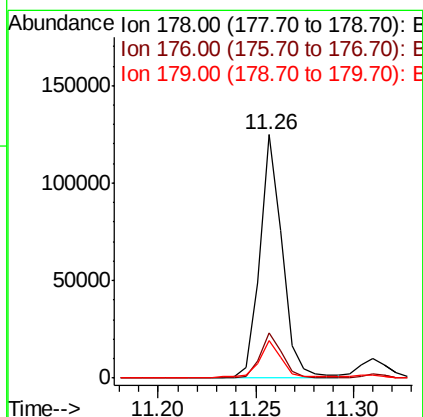
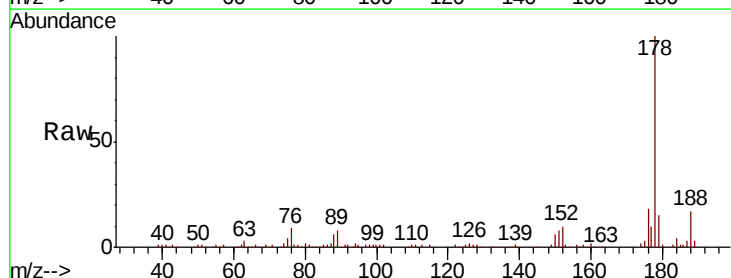
Instrument :
BNA_F
ClientSampleId :
MR-MH-12-COMP

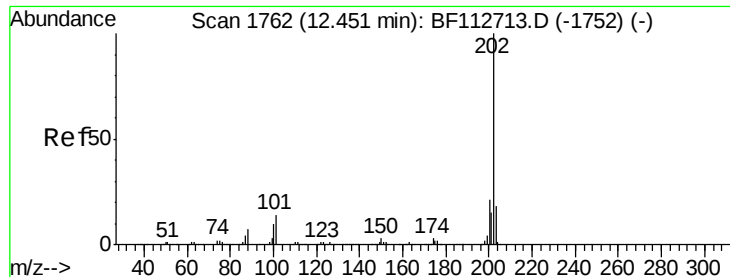
Tot Ion:188 Resp: 861184
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 10.6 9.2 13.8



#71
Phenanthrene
Concen: 2.330 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113051.D
Acq: 14 Mar 2019 15:55

Tgt Ion:178 Resp: 99821
Ion Ratio Lower Upper
178 100
176 18.4 16.3 24.5
179 15.4 12.7 19.1





#75

Fluoranthene

Concen: 3.435 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113051.D

Acq: 14 Mar 2019 15:55

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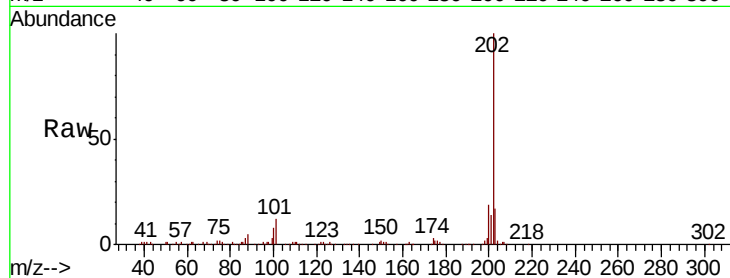
Tot Ion:202 Resp: 157701

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.8

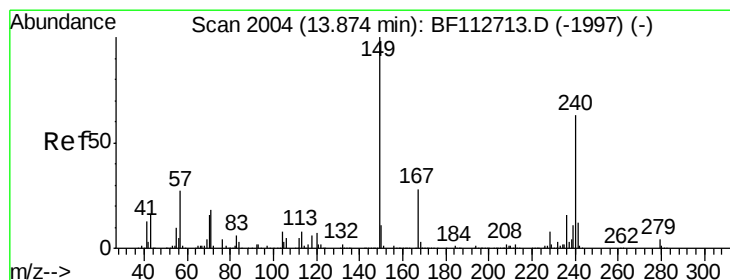
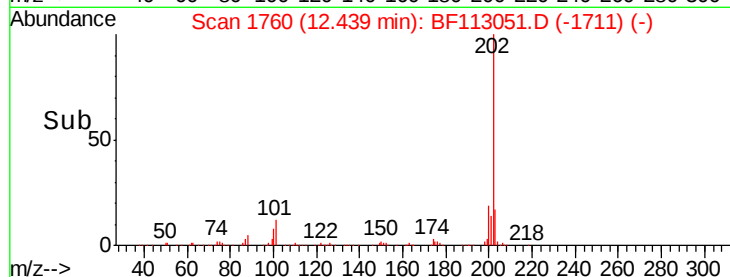
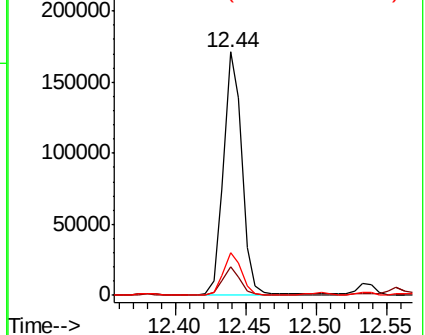
203 17.4 0.0 38.4



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113051.D

Acq: 14 Mar 2019 15:55

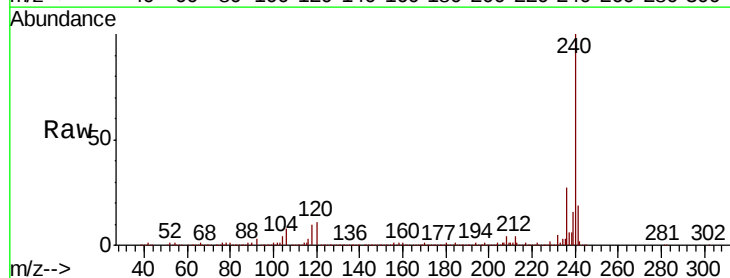
Tgt Ion:240 Resp: 792799

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

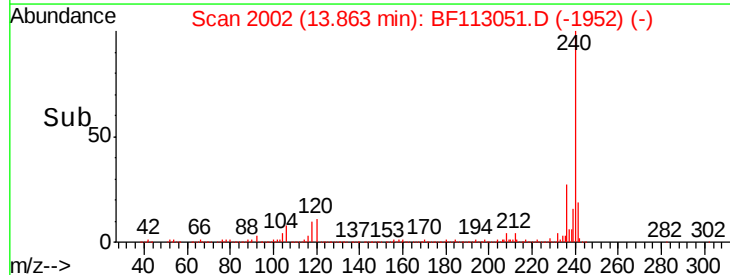
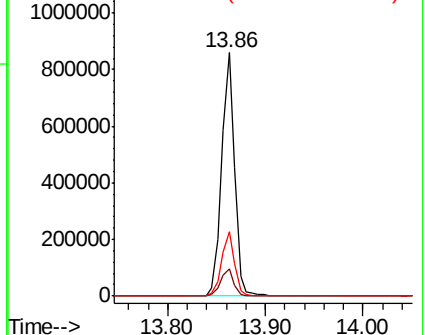
236 26.6 20.7 31.1

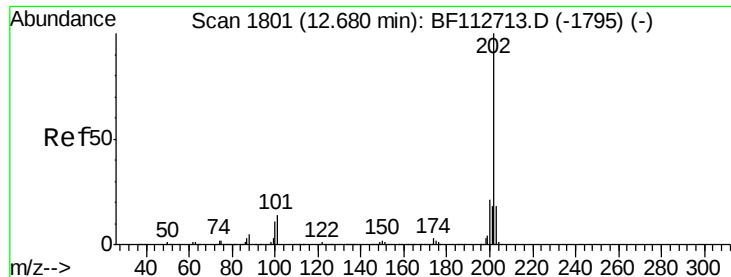


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.145 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113051.D

Acq: 14 Mar 2019 15:55

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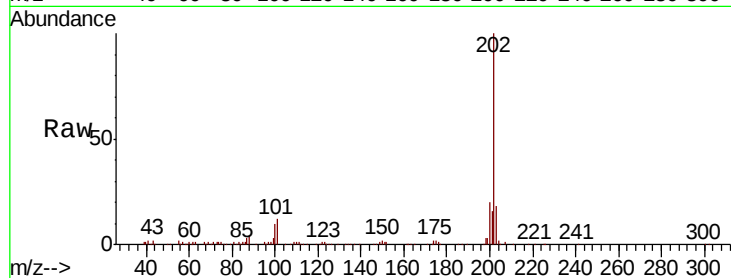
Tot Ion:202 Resp: 143345

Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.4

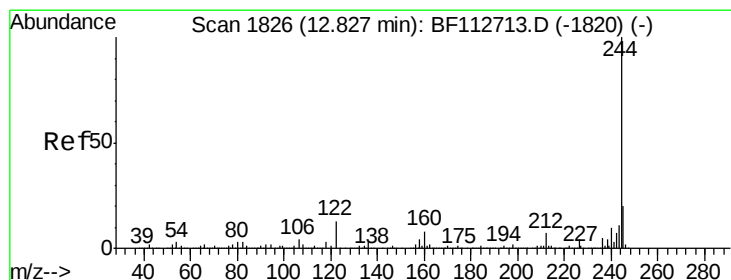
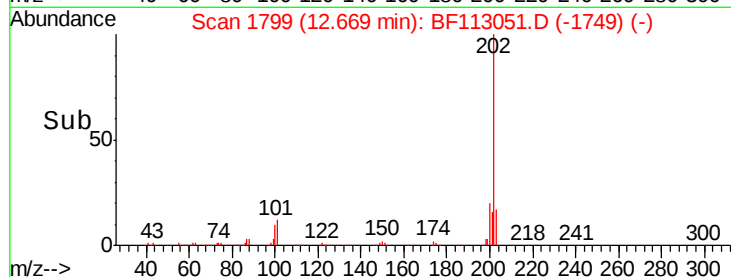
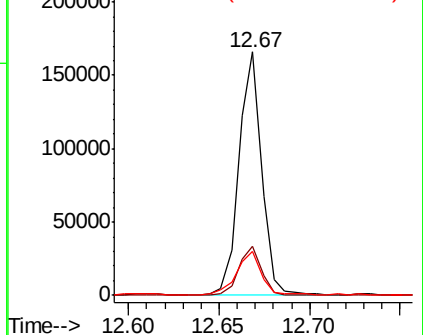
203 17.9 14.4 21.6



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: 58.102 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113051.D

Acq: 14 Mar 2019 15:55

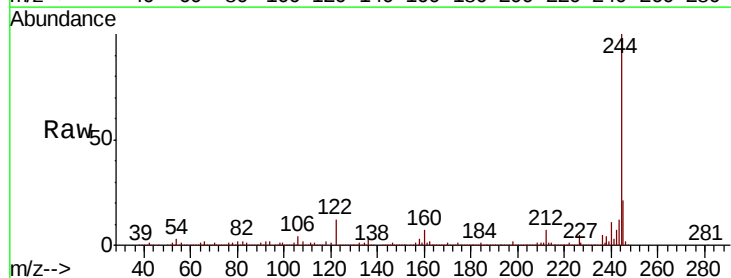
Tgt Ion:244 Resp: 2376250

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

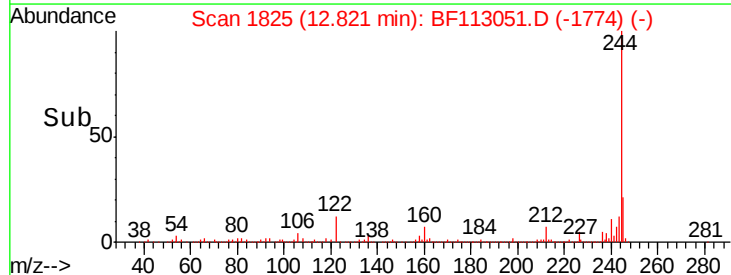
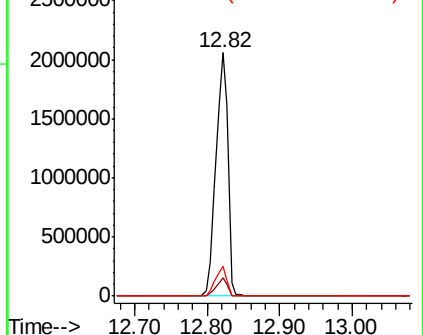
122 12.1 10.5 15.7

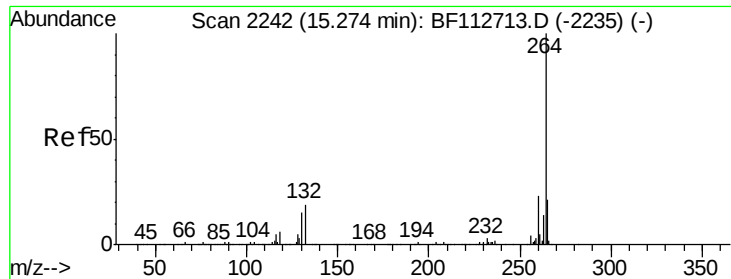


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

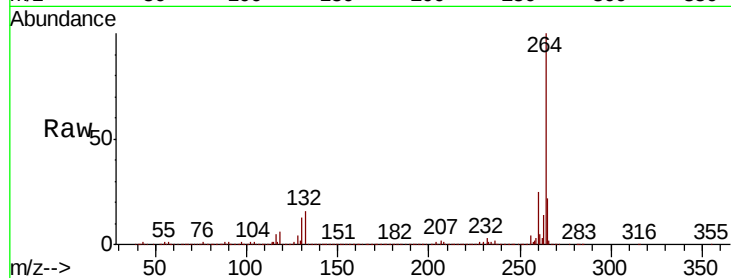




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113051.D
Acq: 14 Mar 2019 15:55

Instrument :
BNA_F
ClientSampleId :
MR-MH-12-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.0	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

