

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112444.D
 Acq On : 7 Feb 2019 18:00
 Operator : JU/SJ
 Sample : K1392-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Feb 09 05:53:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

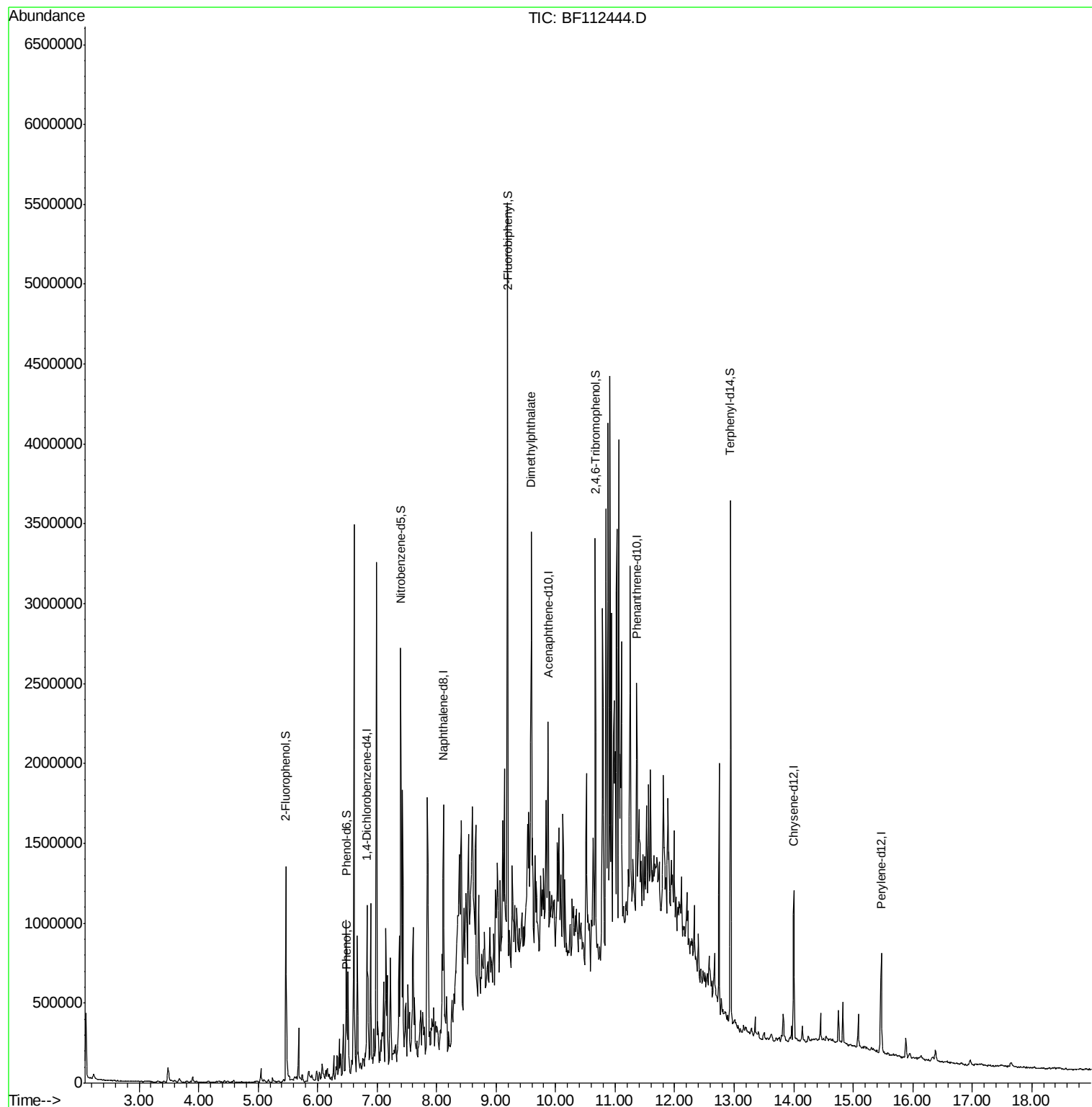
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149657	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	573460	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	247285	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	395575	20.00	ng	0.00
76) Chrysene-d12	14.00	240	320191	20.00	ng	0.00
87) Perylene-d12	15.47	264	286131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	455096	64.59	ng	-0.01
7) Phenol-d6	6.48	99	361378	36.91	ng	-0.01
23) Nitrobenzene-d5	7.40	82	784759	78.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	337152	117.13	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1501108	85.86	ng	-0.01
79) Terphenyl-d14	12.94	244	1196002	70.35	ng	0.00
Target Compounds						
10) Phenol	6.50	94	44615	4.154	ng	79
50) Dimethylphthalate	9.59	163	47791	2.487	ng	# 55

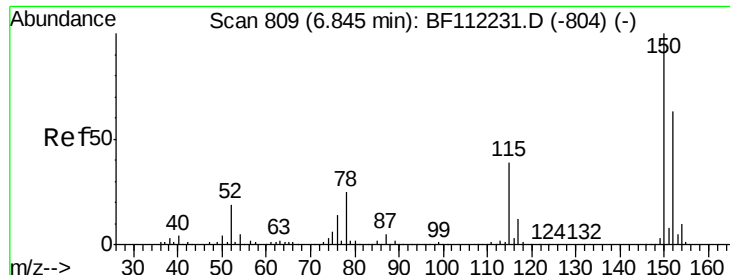
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

Instrument :

BNA_F

ClientSampleId :

DUP-1

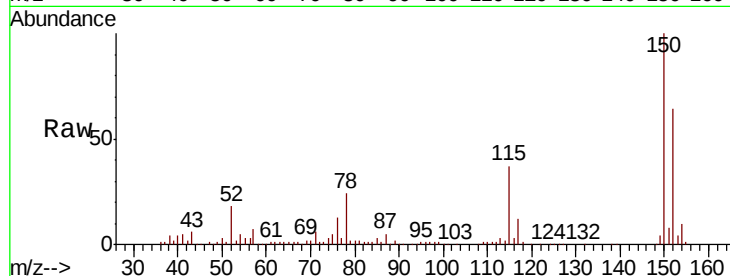
Tot Ion:152 Resp: 149657

Ion Ratio Lower Upper

152 100

150 156.9 127.4 191.0

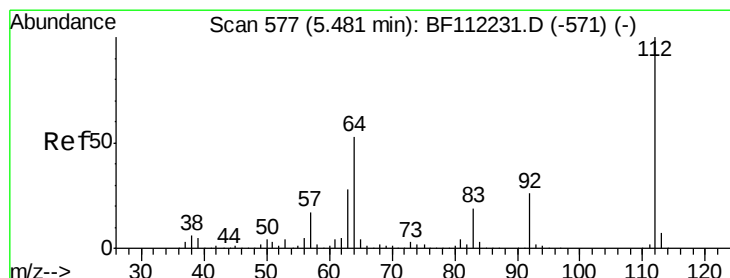
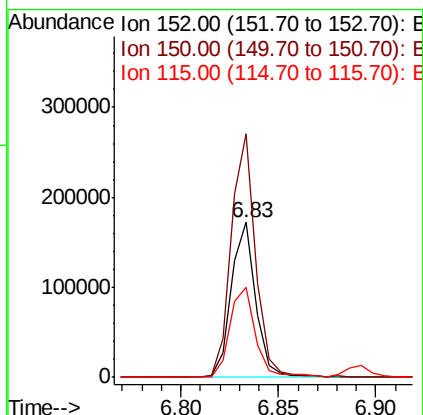
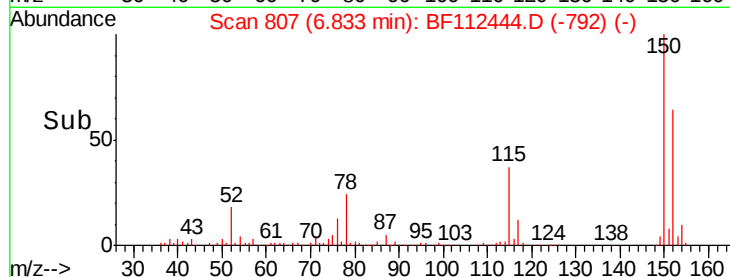
115 58.1 45.5 68.3



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: 64.591 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

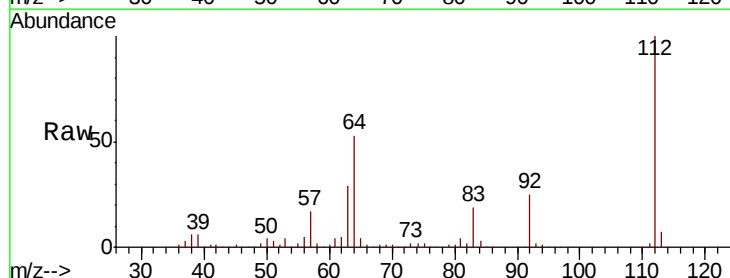
Tgt Ion:112 Resp: 455096

Ion Ratio Lower Upper

112 100

64 52.9 45.7 68.5

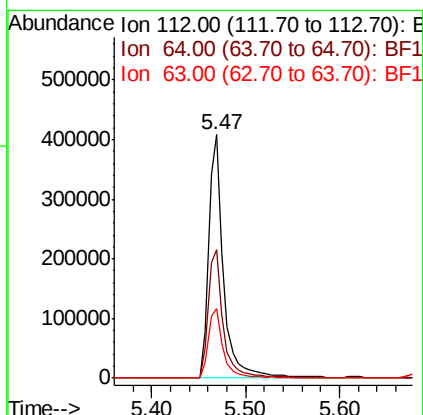
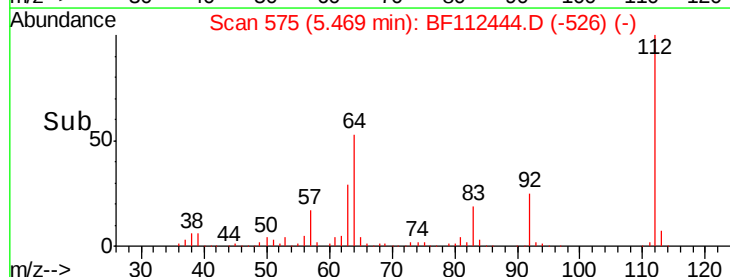
63 28.6 23.6 35.4

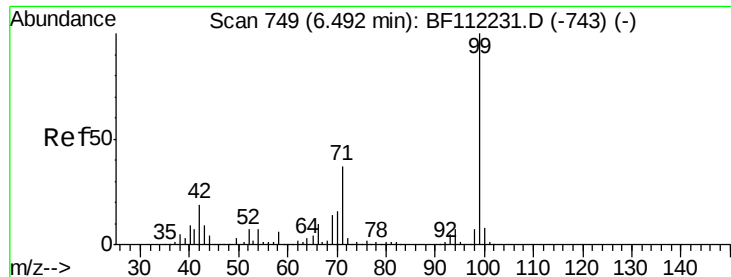


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 36.911 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

Instrument :

BNA_F

ClientSampleId :

DUP-1

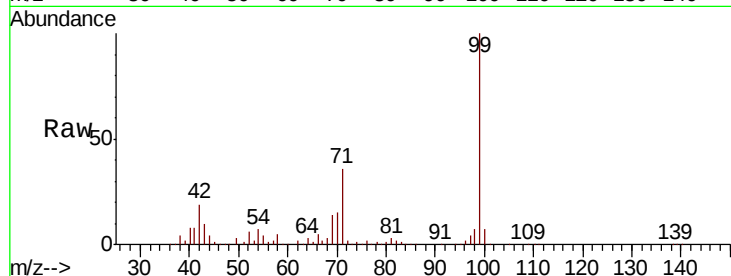
Tot Ion: 99 Resp: 361378

Ion Ratio Lower Upper

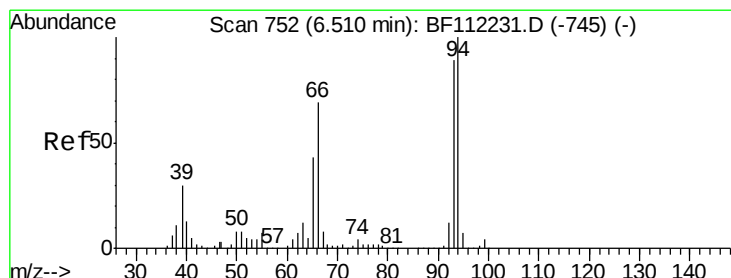
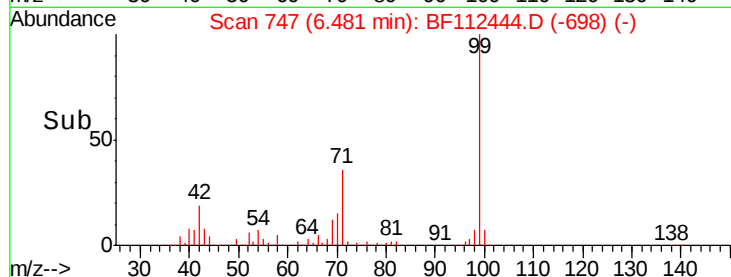
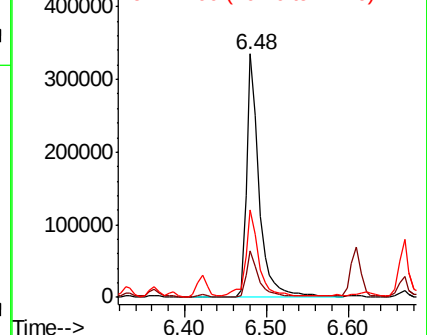
99 100

42 18.9 15.1 22.7

71 36.0 26.9 40.3



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: 4.154 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

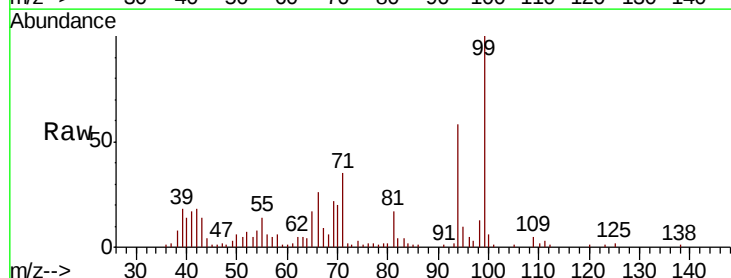
Tgt Ion: 94 Resp: 44615

Ion Ratio Lower Upper

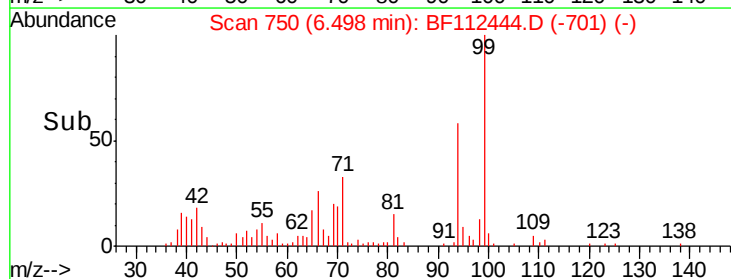
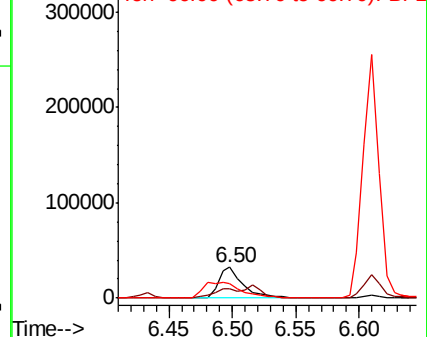
94 100

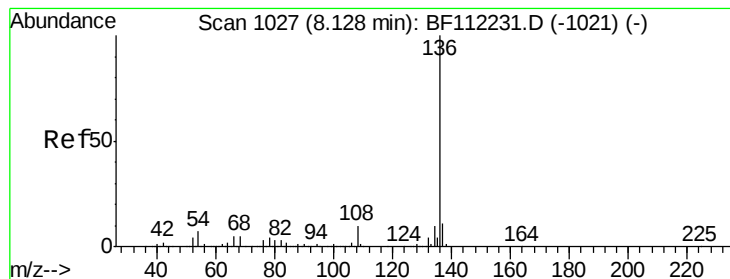
65 28.6 20.3 60.3

66 45.4 42.4 82.4



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

Instrument :

BNA_F

ClientSampleId :

DUP-1

Tot Ion:136 Resp: 573460

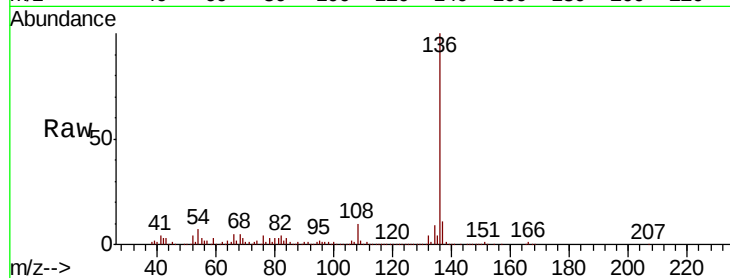
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.0 5.9 8.9

68 5.4 5.1 7.7

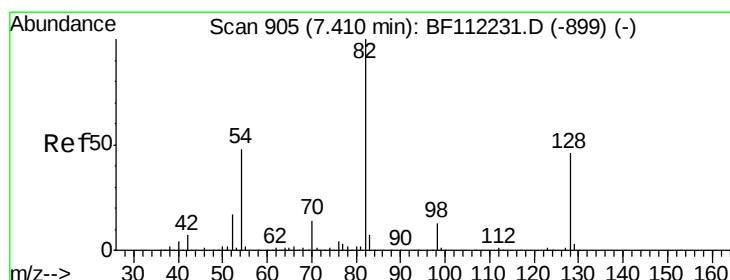
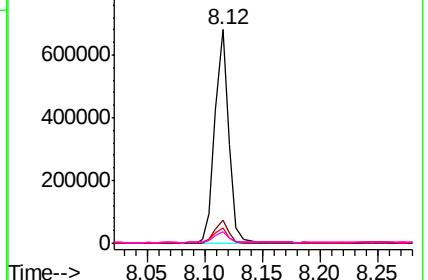
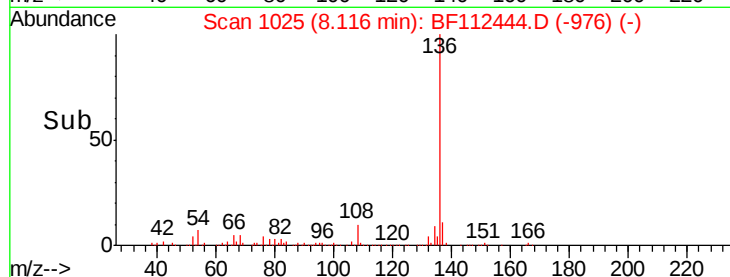


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.851 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

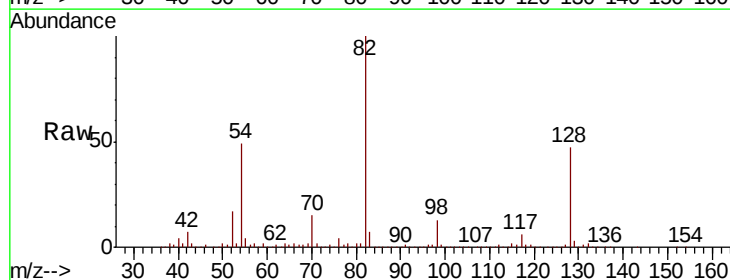
Tgt Ion: 82 Resp: 784759

Ion Ratio Lower Upper

82 100

128 46.9 37.8 56.8

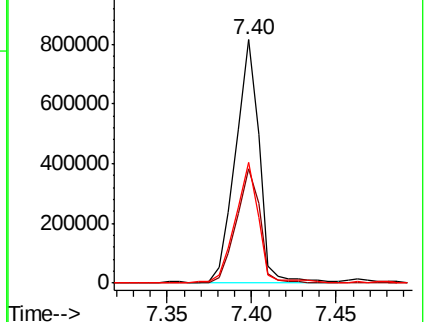
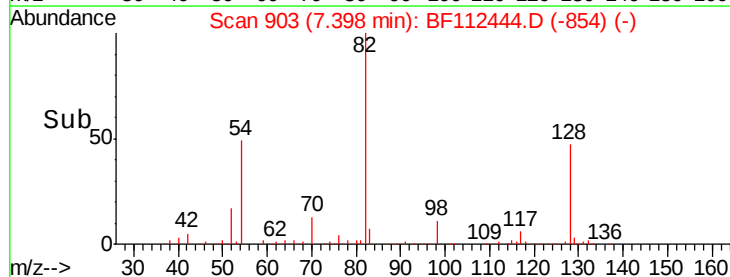
54 49.4 39.7 59.5

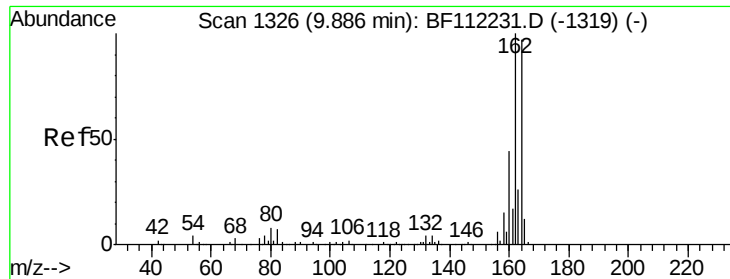


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

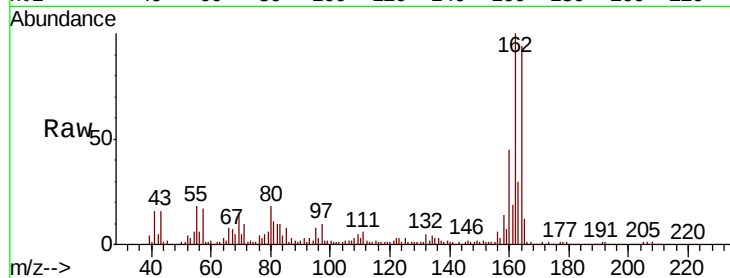




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112444.D
Acq: 7 Feb 2019 18:00

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.2	123.4
160	47.6	36.2	54.4

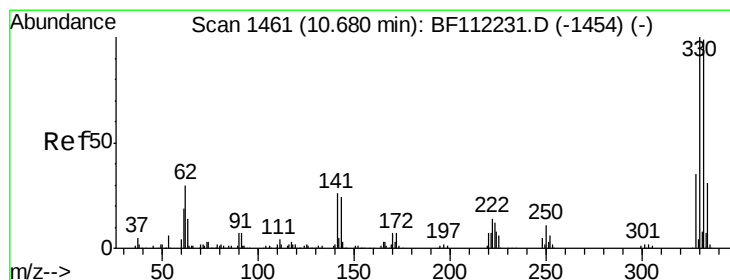
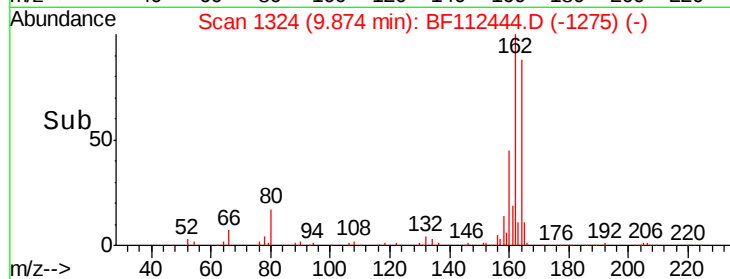
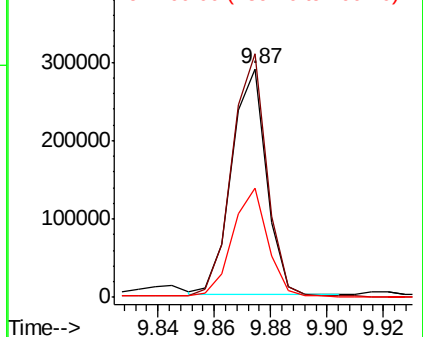


Abundance

Ion 164.00 (163.70 to 164.70): E

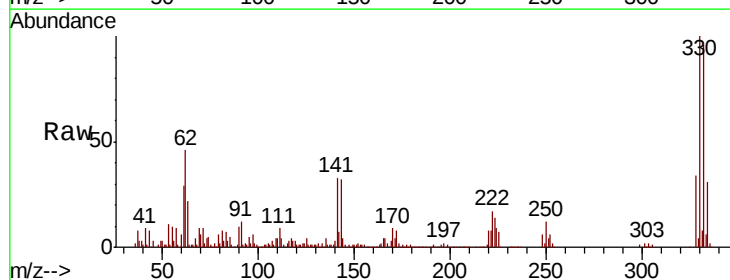
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 117.135 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112444.D
Acq: 7 Feb 2019 18:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	32.7	24.3	36.5

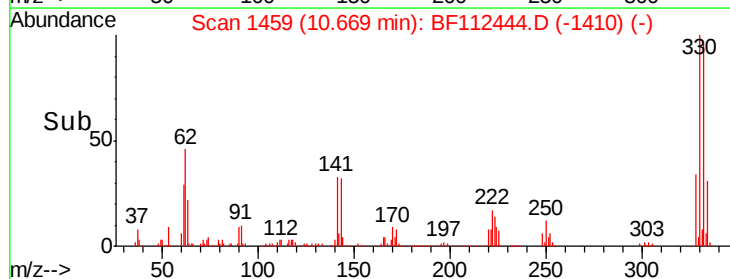
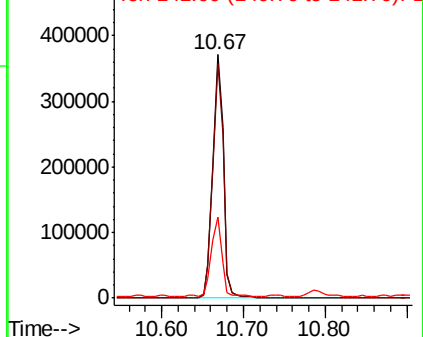


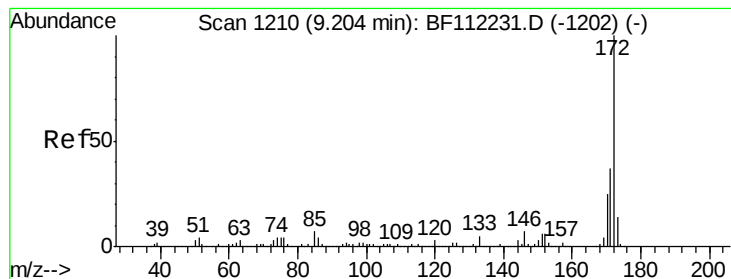
Abundance

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: 85.855 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

Instrument :

BNA_F

ClientSampleId :

DUP-1

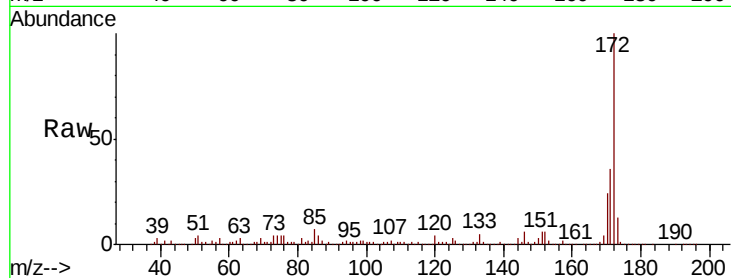
Tot Ion:172 Resp: 1501108

Ion Ratio Lower Upper

172 100

171 36.0 30.5 45.7

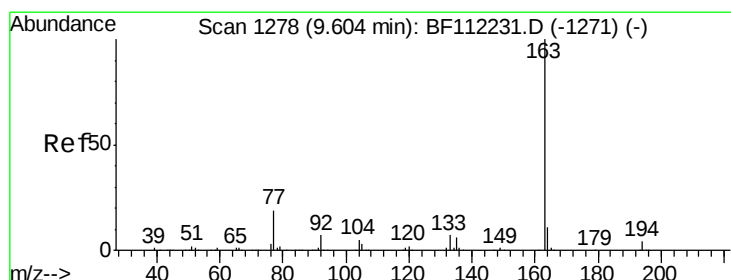
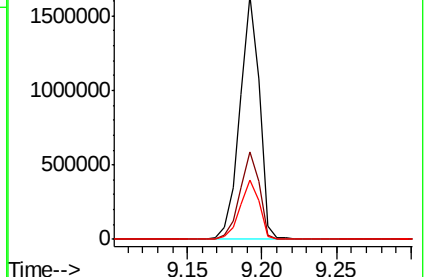
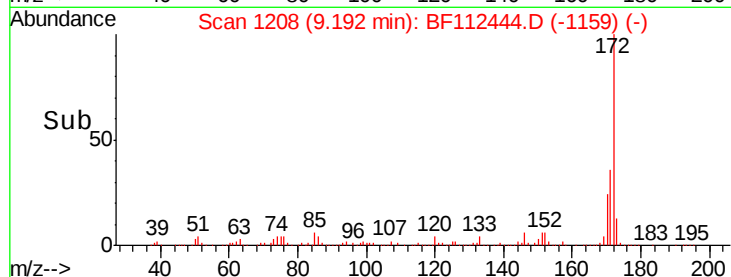
170 24.4 20.2 30.4



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: 2.487 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

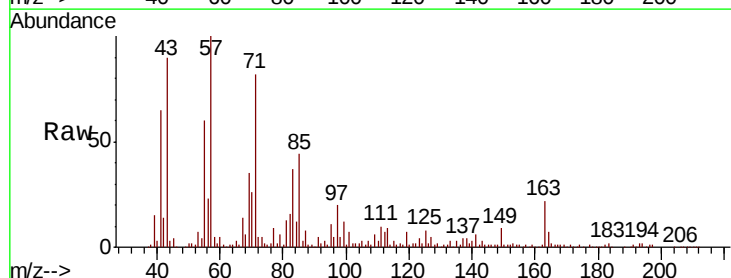
Tgt Ion:163 Resp: 47791

Ion Ratio Lower Upper

163 100

194 8.7 3.3 4.9#

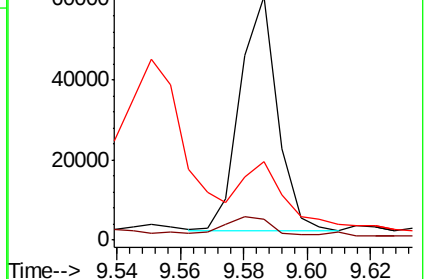
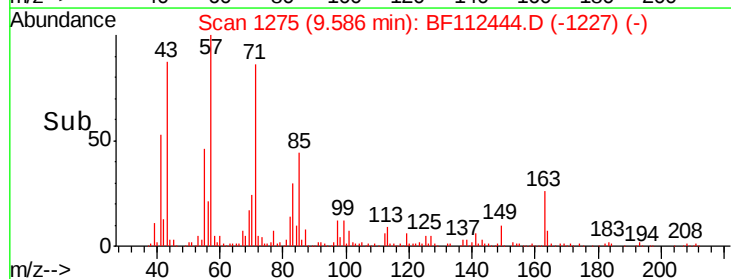
164 32.2 8.5 12.7#

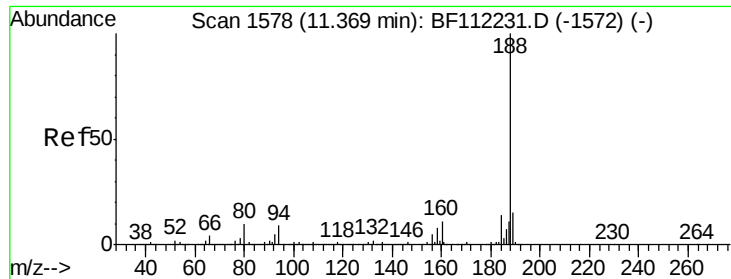


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

Instrument :

BNA_F

ClientSampleId :

DUP-1

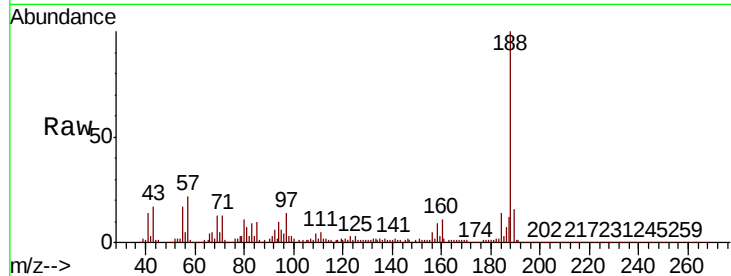
Tot Ion:188 Resp: 395575

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

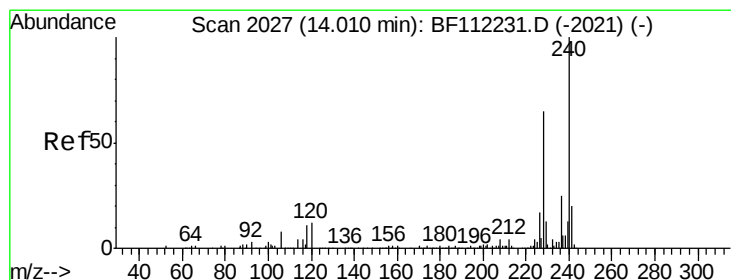
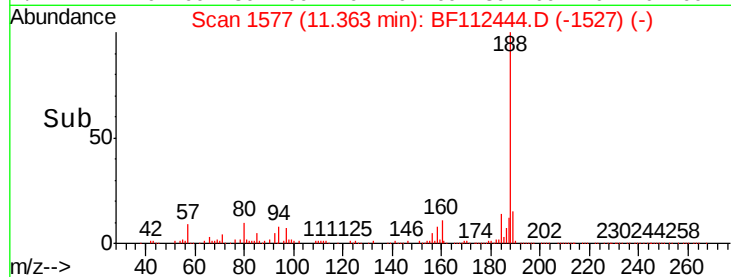
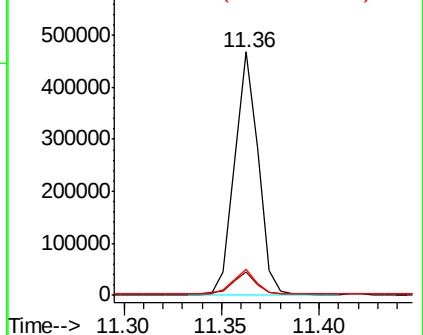
80 10.8 8.9 13.3



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

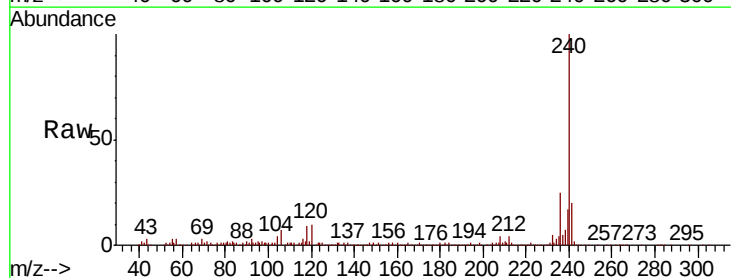
Tgt Ion:240 Resp: 320191

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.6

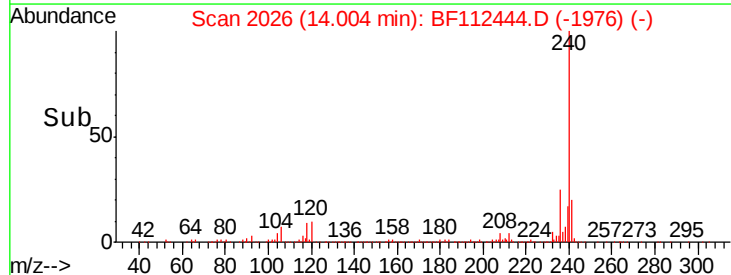
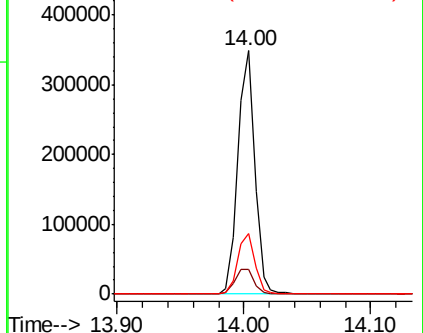
236 25.1 20.7 31.1

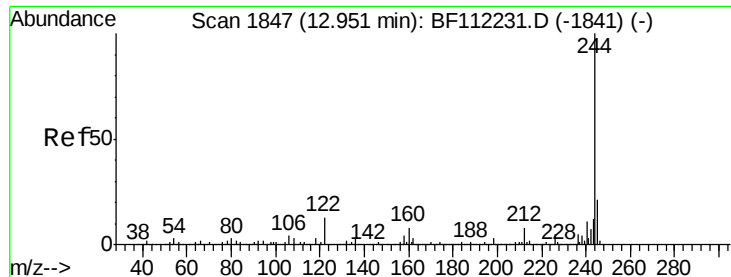


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

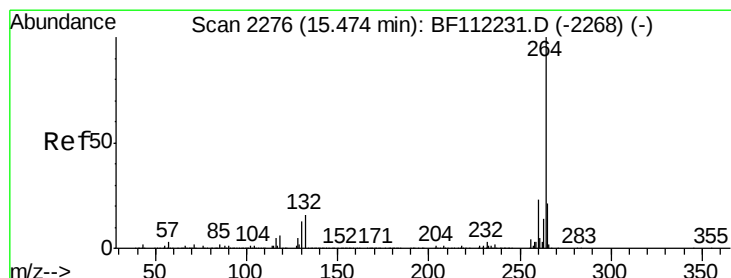
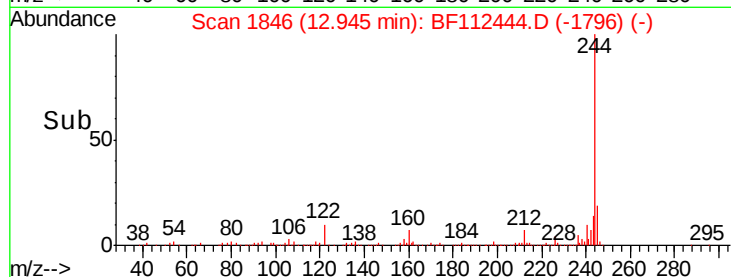
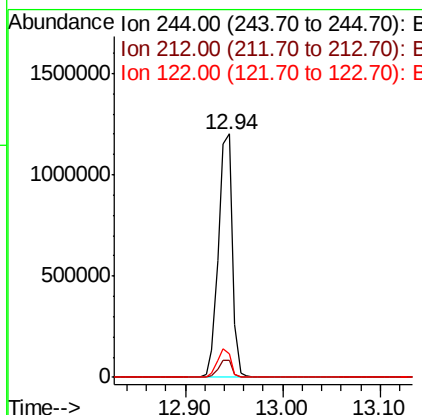
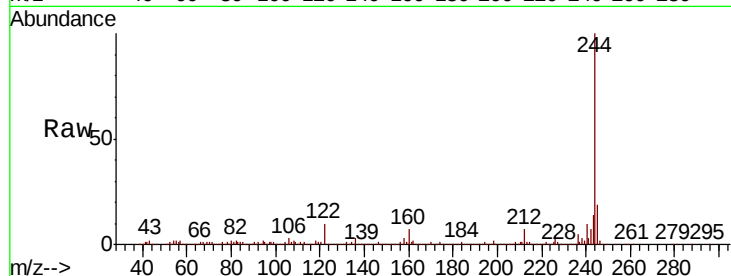




#79
 Terphenyl-d14
 Concen: 70.352 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112444.D
 Acq: 7 Feb 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tot Ion:244 Resp: 1196002
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.8 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF112444.D
 Acq: 7 Feb 2019 18:00

Tgt Ion:264 Resp: 286131
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 21.4 17.0 25.4

