

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100019.D
 Acq On : 31 Oct 2017 22:16
 Operator : SJ/JU
 Sample : I6056-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Quant Time: Nov 01 05:38:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

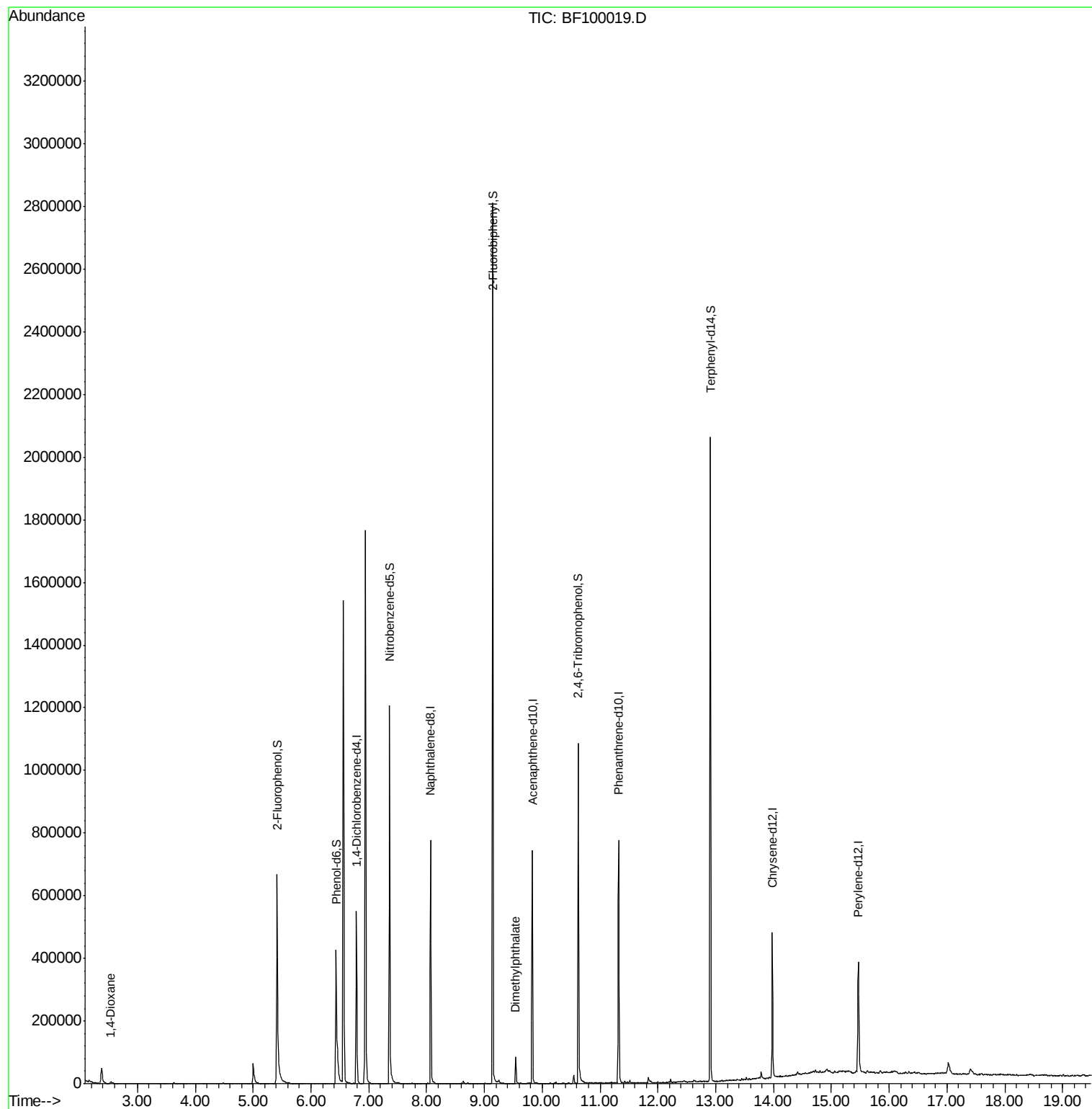
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87928	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	358777	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	161073	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	274557	20.00	ng	0.00
75) Chrysene-d12	13.98	240	166727	20.00	ng	0.00
86) Perylene-d12	15.47	264	167302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	307867	54.97	ng	0.00
7) Phenol-d6	6.43	99	242595	36.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	464758	83.40	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	143392	97.69	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	941118	90.15	ng	0.00
78) Terphenyl-d14	12.91	244	707001	92.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.53	88	5419	2.191	ng	Qvalue # 90
49) Dimethylphthalate	9.54	163	41221	3.232	ng	100

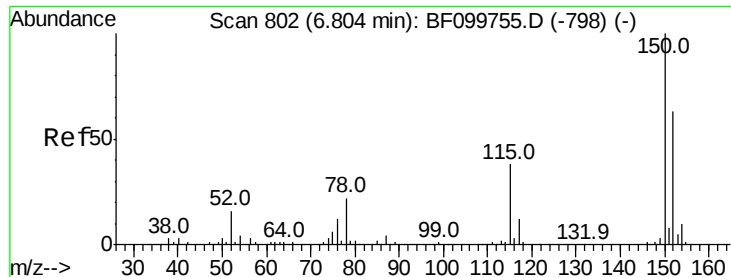
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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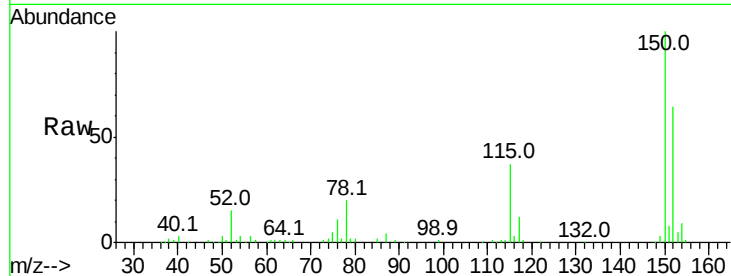


#1

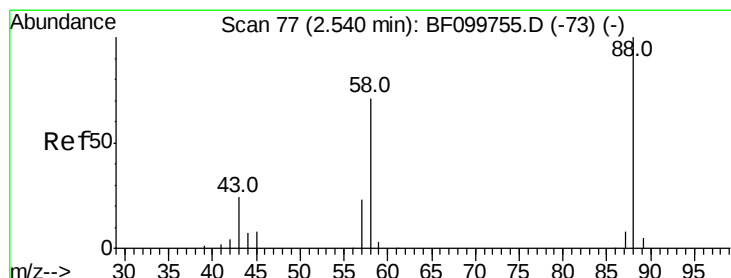
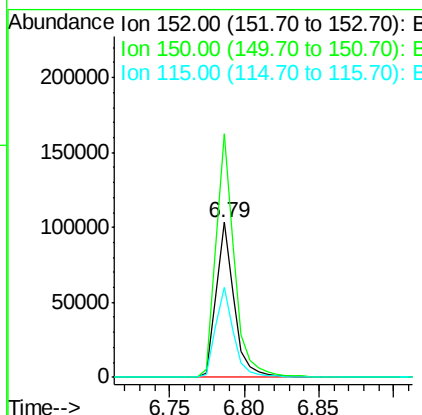
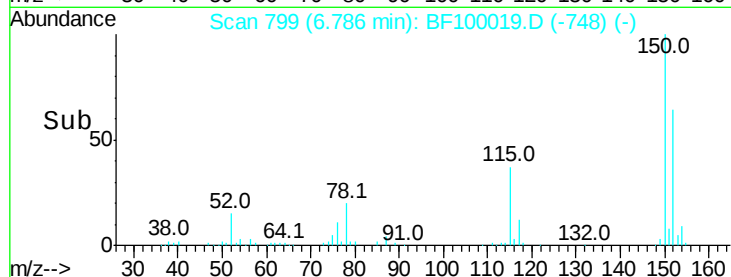
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF100019.D
 Acq: 31 Oct 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Tot Ion:152 Resp: 87928
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 58.4 50.1 75.1



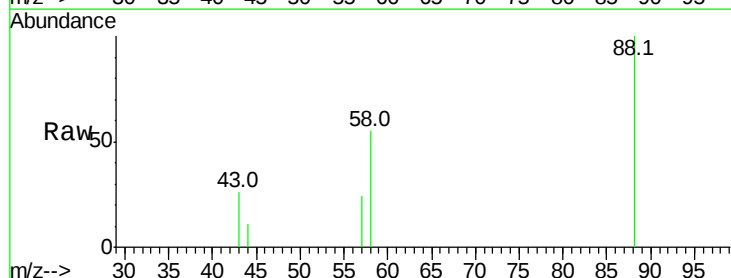
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



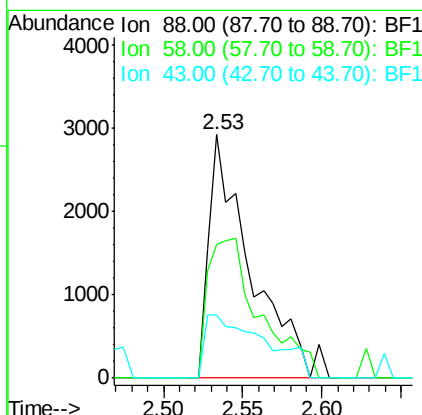
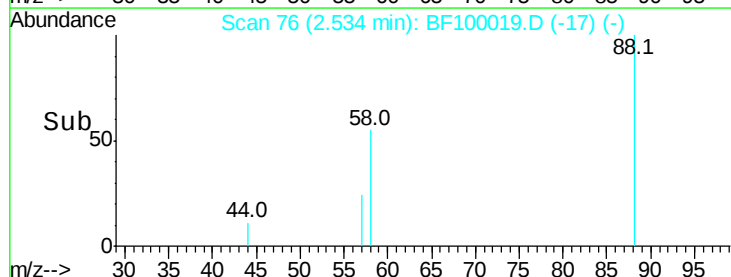
#2

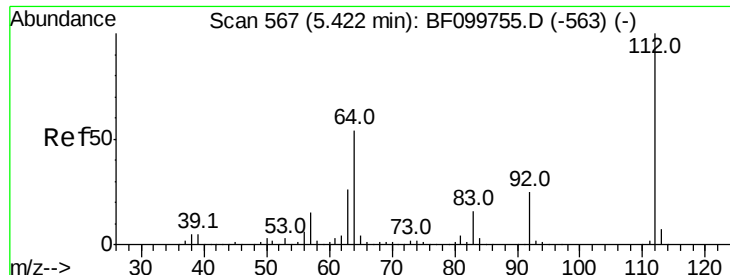
1,4-Dioxane
 Concen: 2.191 ng
 RT: 2.53 min Scan# 76
 Delta R.T. 0.05 min
 Lab File: BF100019.D
 Acq: 31 Oct 2017 22:16

Tgt Ion: 88 Resp: 5419
 Ion Ratio Lower Upper
 88 100
 58 70.5 62.6 93.8
 43 37.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 54.970 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF100019.D

Acq: 31 Oct 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1

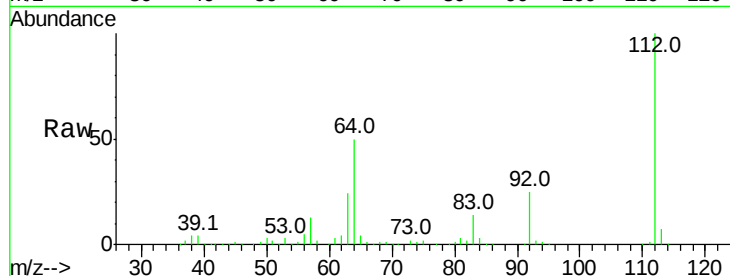
Tot Ion:112 Resp: 307867

Ion Ratio Lower Upper

112 100

64 49.7 47.9 71.9

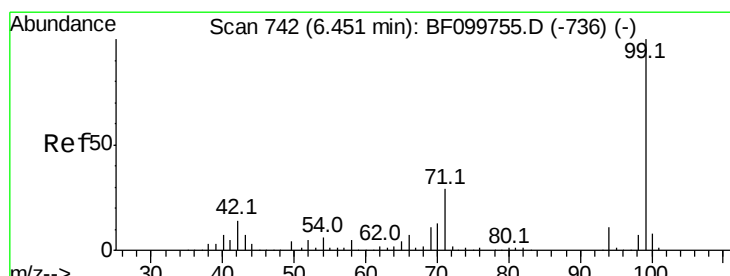
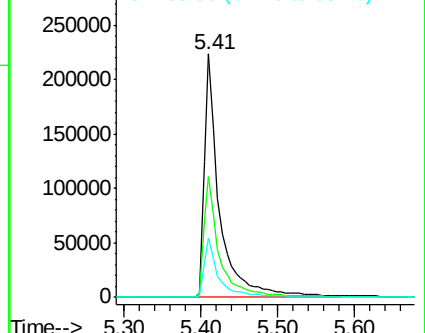
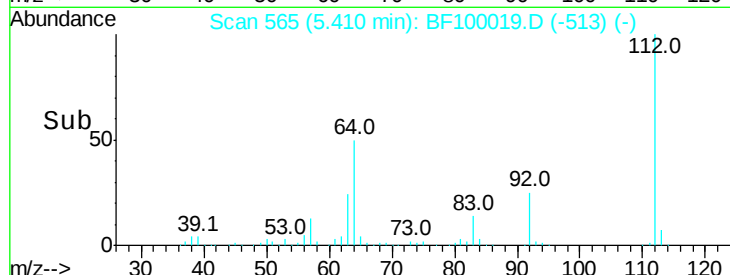
63 24.4 23.7 35.5



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: 36.531 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100019.D

Acq: 31 Oct 2017 22:16

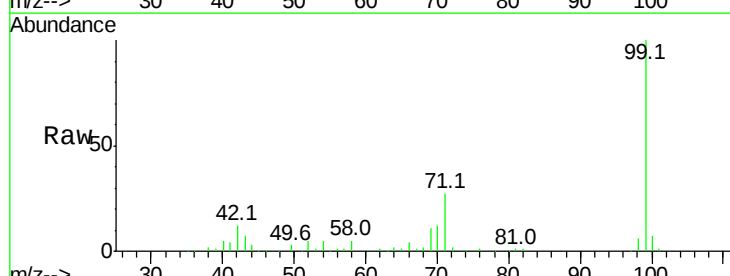
Tgt Ion: 99 Resp: 242595

Ion Ratio Lower Upper

99 100

42 12.3 14.5 21.7#

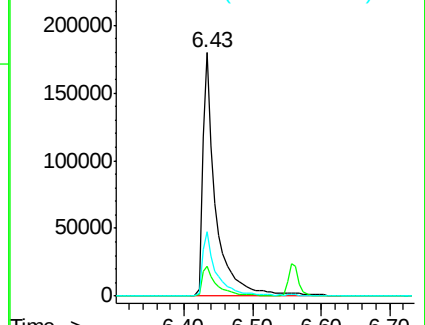
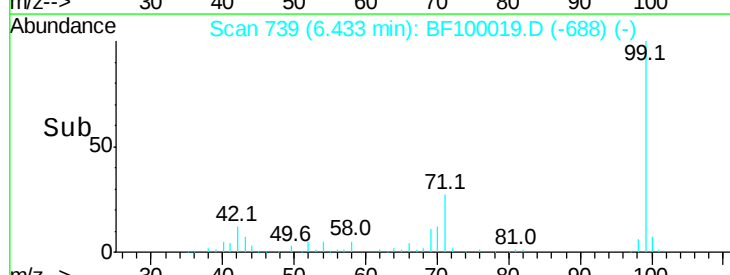
71 26.7 25.4 38.0

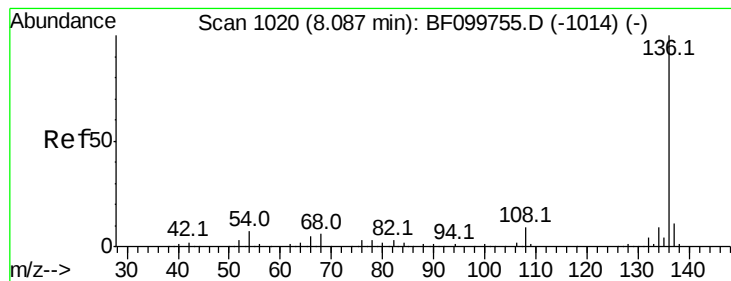


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF100019.D

Acq: 31 Oct 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1

Tot Ion:136 Resp: 358777

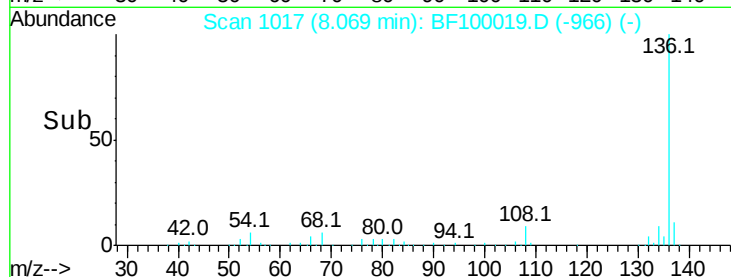
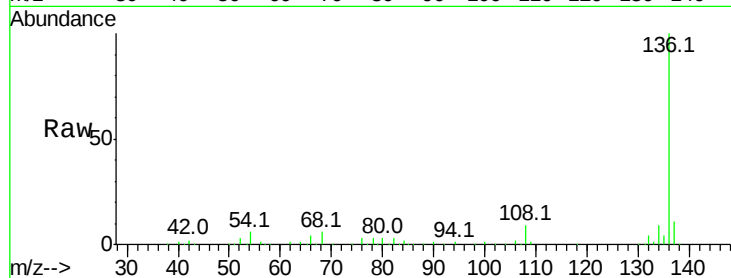
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 6.6 9.8#

68 5.7 5.0 7.4



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

Time-->

8.07

400000

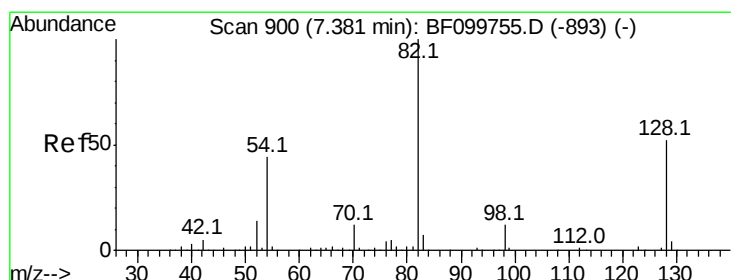
300000

200000

100000

0

8.00 8.10 8.20



#23

Nitrobenzene-d5

Concen: 83.398 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF100019.D

Acq: 31 Oct 2017 22:16

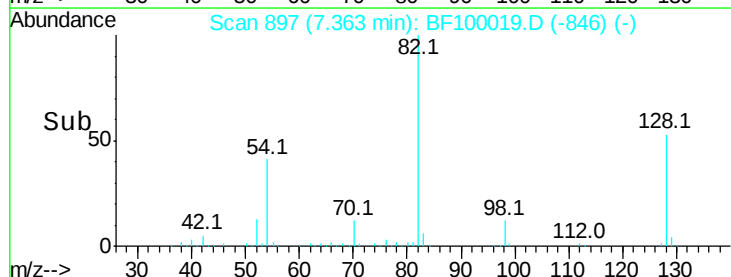
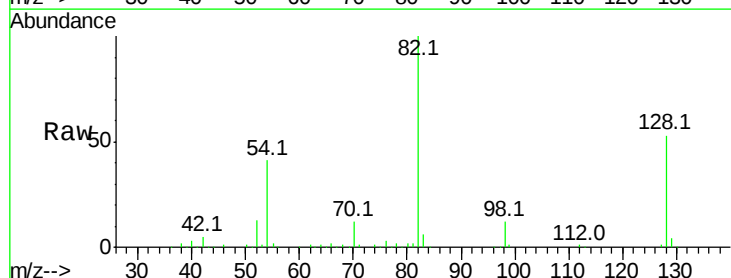
Tgt Ion: 82 Resp: 464758

Ion Ratio Lower Upper

82 100

128 53.2 36.1 54.1

54 40.9 41.4 62.2#



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

Time-->

7.36

400000

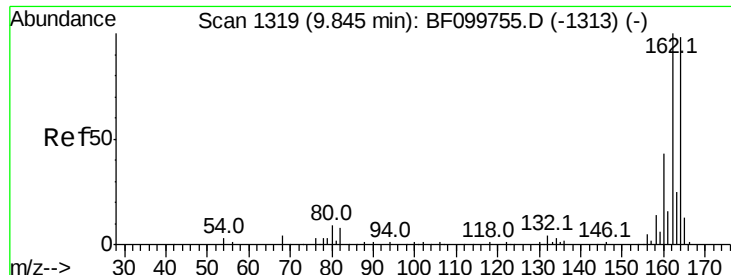
300000

200000

100000

0

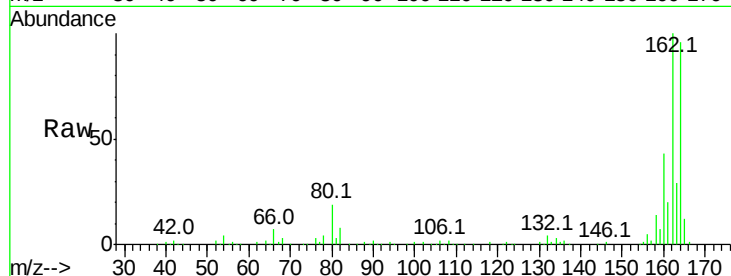
7.30 7.40 7.50 7.60



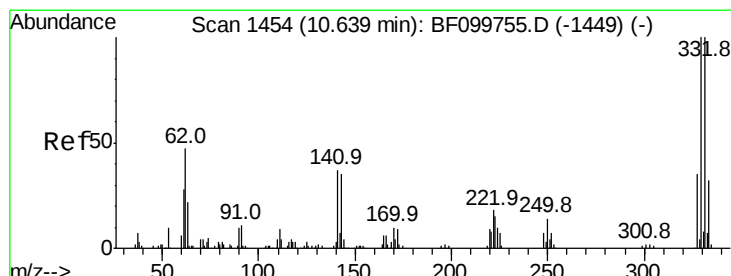
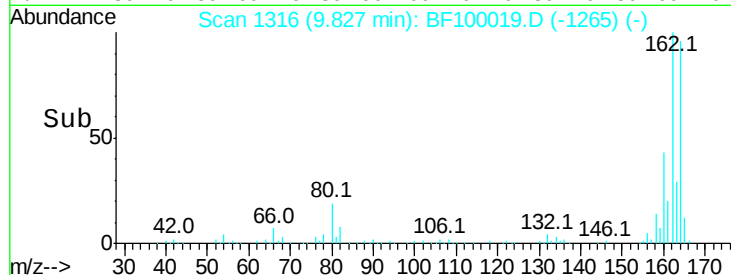
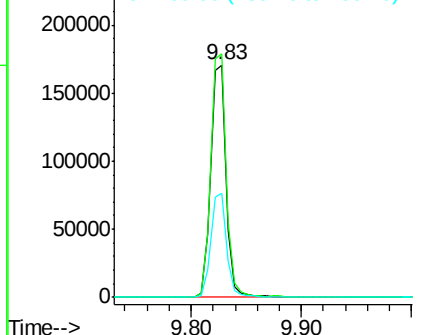
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tot Ion:164 Resp: 161073
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 44.6 38.3 57.5

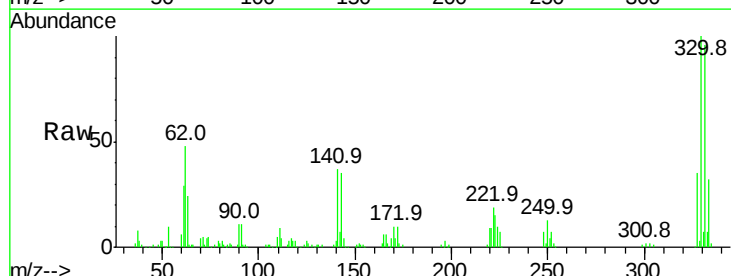


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

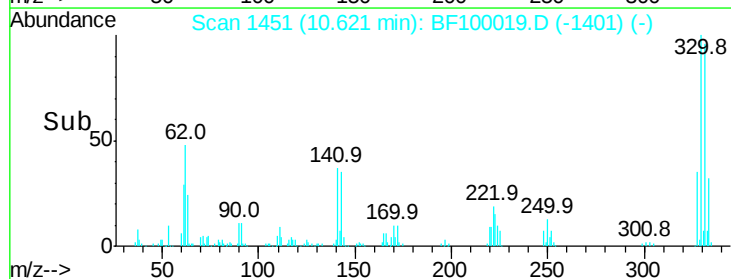
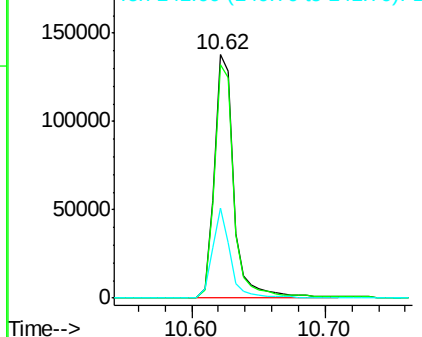


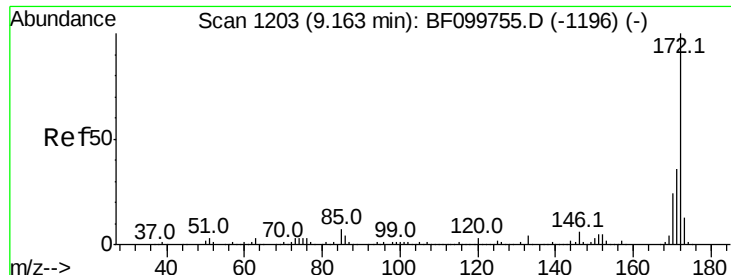
#41
2,4,6-Tribromophenol
Concen: 97.686 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion:330 Resp: 143392
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 33.8 29.9 44.9



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

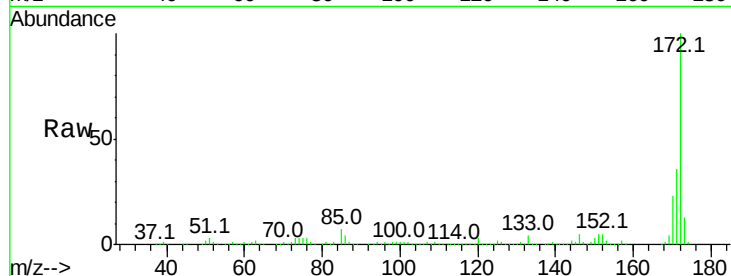




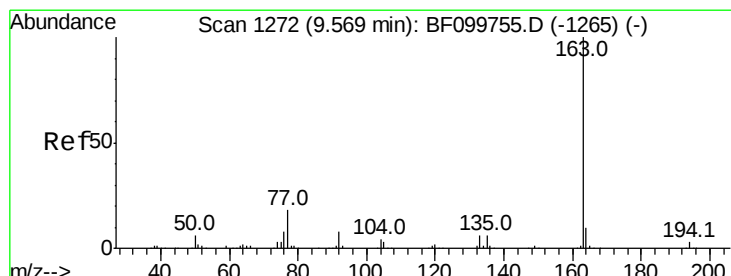
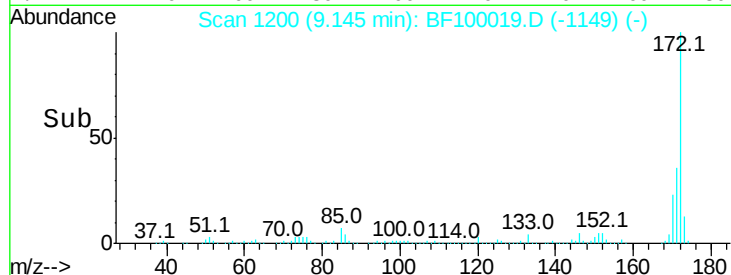
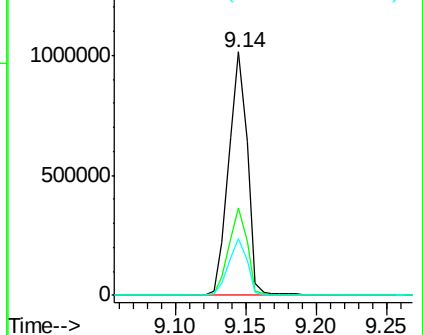
#44
 2-Fluorobiphenyl
 Concen: 90.145 ng
 RT: 9.14 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF100019.D
 Acq: 31 Oct 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Tot Ion:172 Resp: 941118
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.5 19.6 29.4

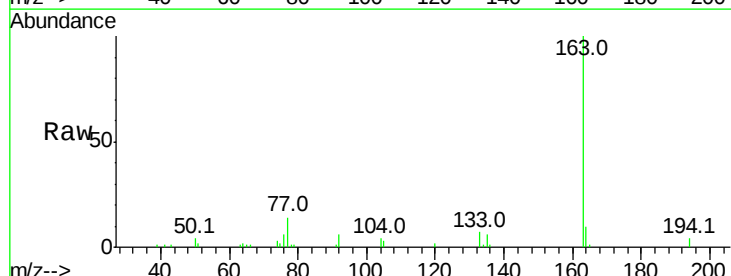


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

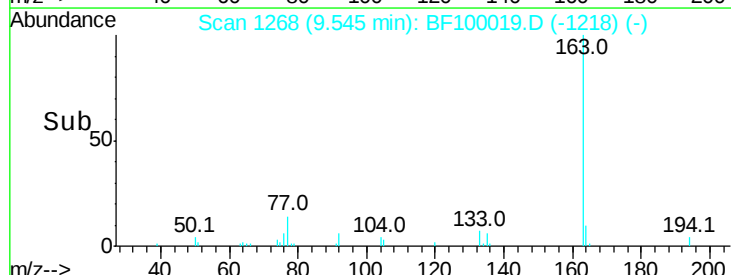
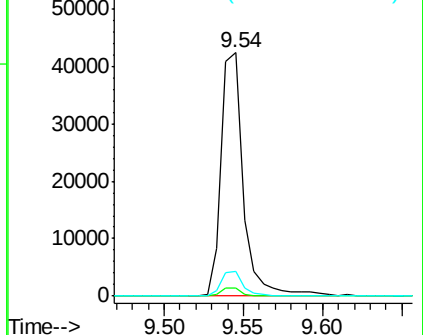


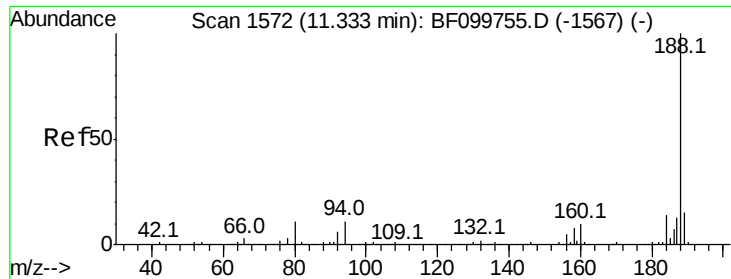
#49
 Dimethylphthalate
 Concen: 3.232 ng
 RT: 9.54 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF100019.D
 Acq: 31 Oct 2017 22:16

Tgt Ion:163 Resp: 41221
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.1 8.2 12.2



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

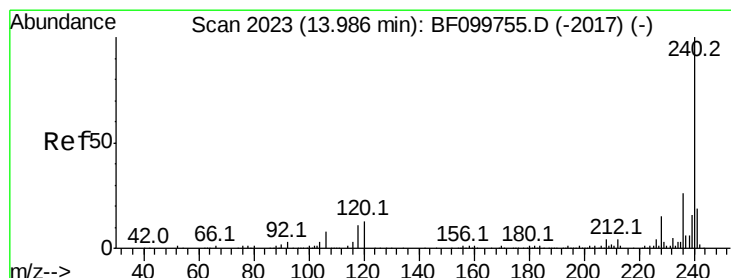
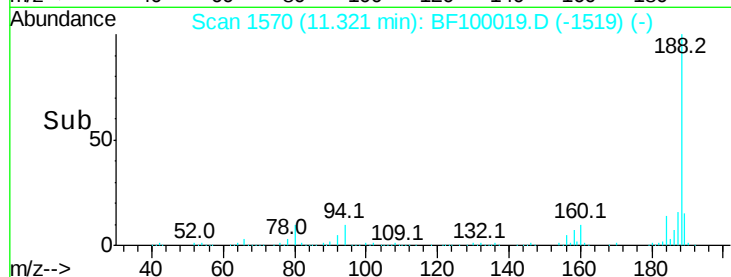
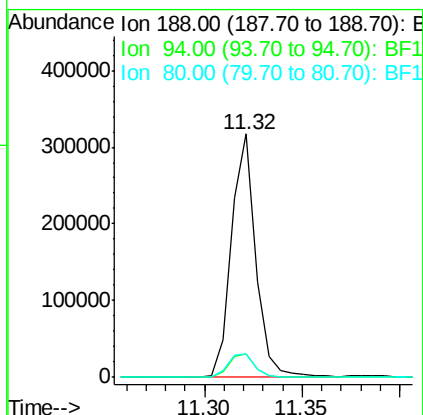
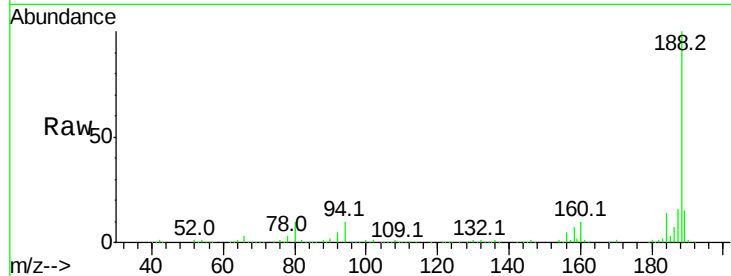




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

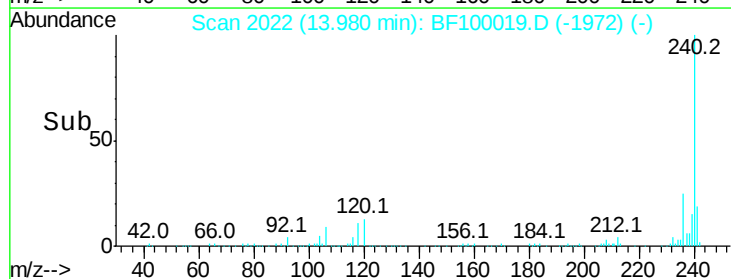
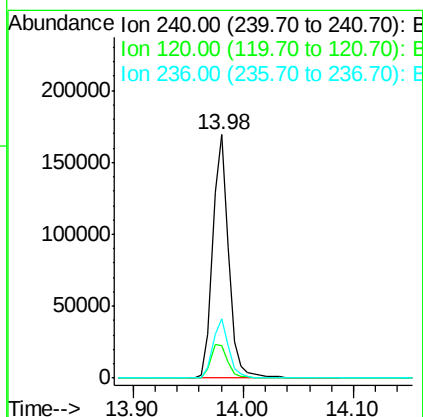
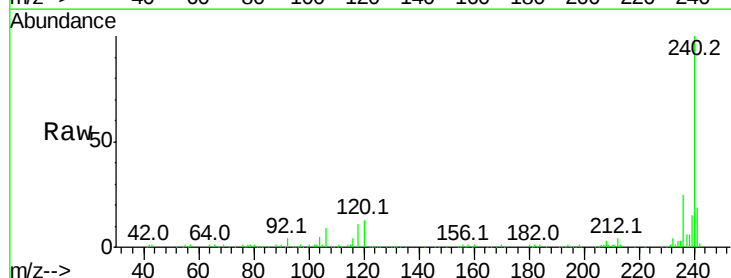
Instrument :
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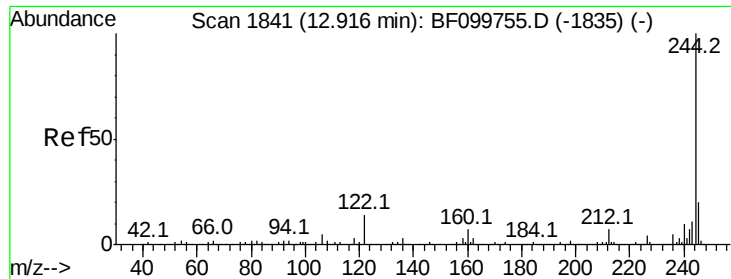
Tot Ion:188 Resp: 274557
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion:240 Resp: 166727
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 24.6 20.7 31.1

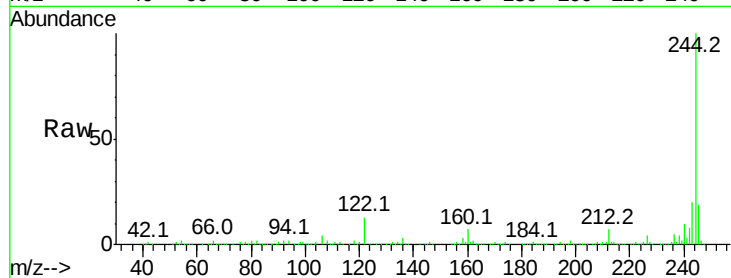




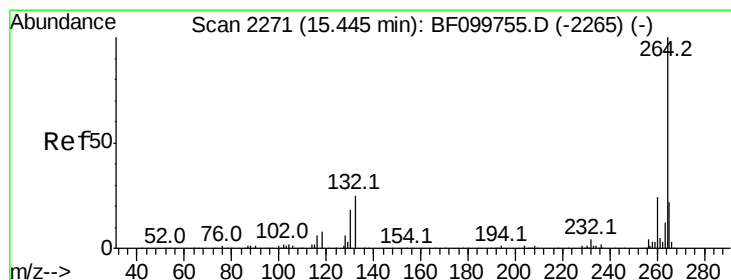
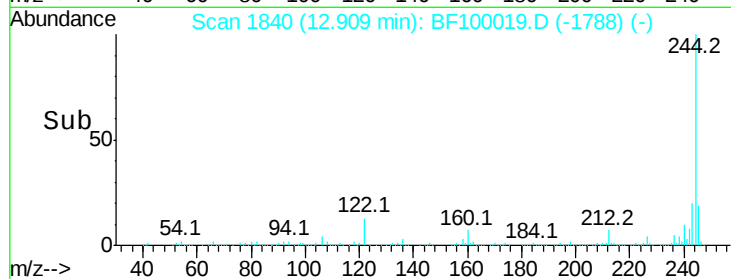
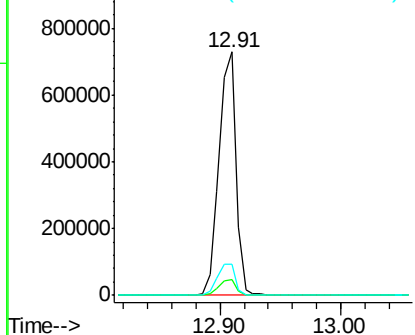
#78
 Terphenyl-d14
 Concen: 92.670 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100019.D
 Acq: 31 Oct 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Tot Ion:244 Resp: 707001
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.7 11.0 16.4

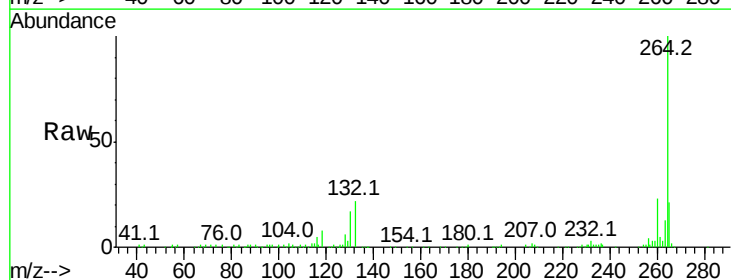


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF100019.D
 Acq: 31 Oct 2017 22:16

Tgt Ion:264 Resp: 167302
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.4 17.5 26.3



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

