

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002191.D
 Acq On : 30 Jul 2018 18:25
 Operator : JU/SJ
 Sample : PB111214BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB111214BL

Quant Time: Jul 31 01:34:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3240	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	13254	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	7555	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	17299	0.40	ng	0.01
27) Chrysene-d12	21.27	240	12871	0.40	ng	0.00
34) Perylene-d12	23.50	264	10906	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2337	0.31	ng	0.00
5) Phenol-d6	6.89	99	2323	0.25	ng	0.00
8) Nitrobenzene-d5	8.86	82	3138	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.07	152	7492	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	743	0.23	ng	0.01
15) 2-Fluorobiphenyl	12.95	172	10448	0.36	ng	0.01
25) Fluoranthene-d10	19.11	212	16754	0.39	ng	0.00
29) Terphenyl-d14	19.71	244	10657	0.39	ng	0.00

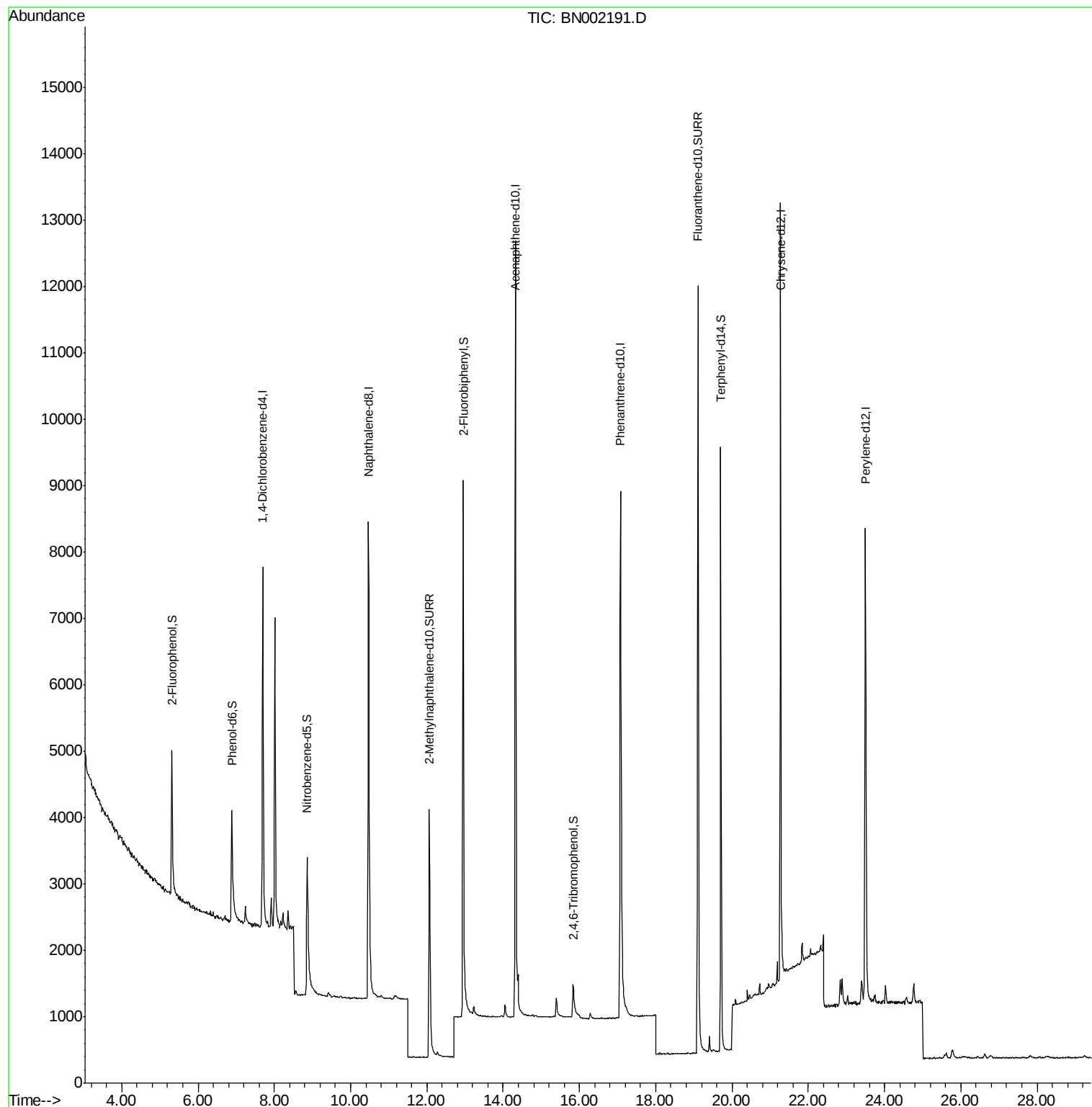
Target Compounds Qvalue

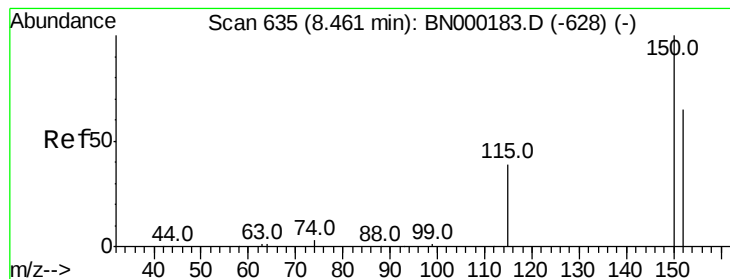
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. 0.01 min

Lab File: BN002191.D

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Instrument :

BNA_N

ClientSampleId :

PB111214BL

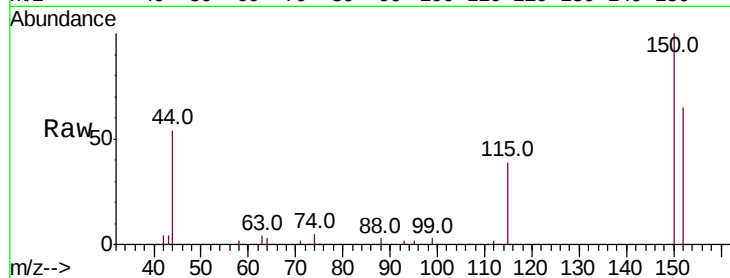
Tot Ion:152 Resp: 3240

Ion Ratio Lower Upper

152 100

150 153.7 117.2 175.8

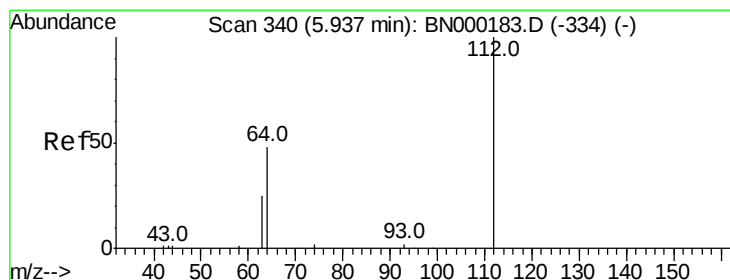
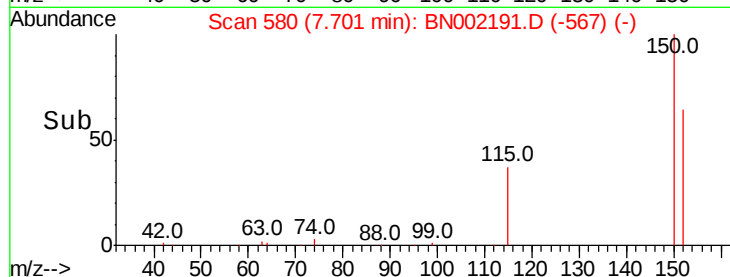
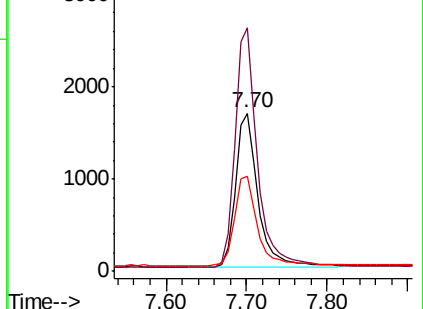
115 60.1 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.309 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.01 min

Lab File: BN002191.D

Acq: 30 Jul 2018 18:25

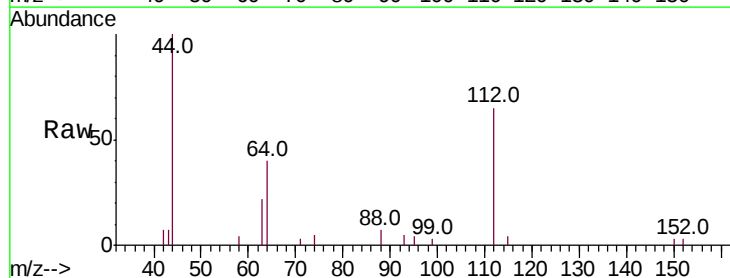
Tgt Ion:112 Resp: 2337

Ion Ratio Lower Upper

112 100

64 64.1 60.1 90.1

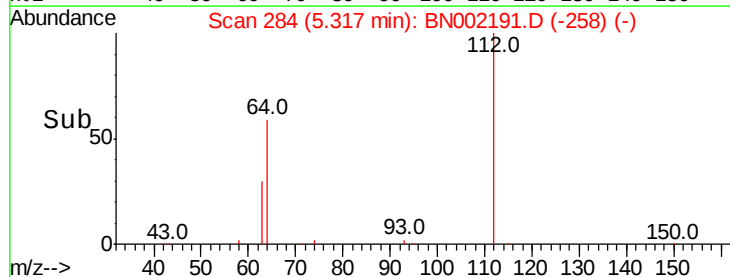
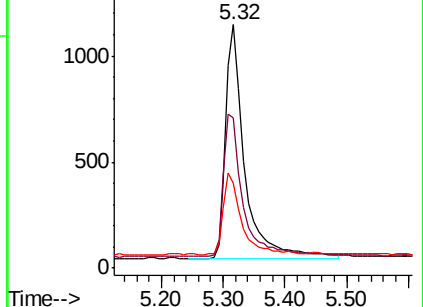
63 34.8 116.8 175.2#

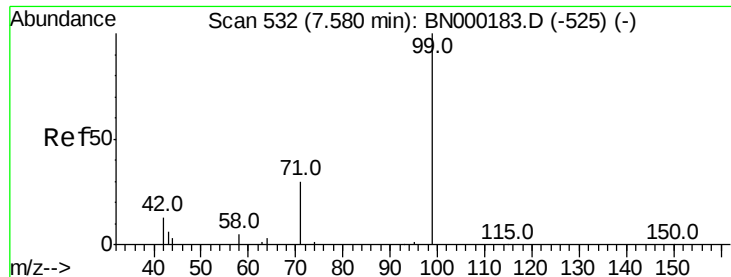


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.253 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN002191.D

Acq: 30 Jul 2018 18:25

Instrument :

BNA_N

ClientSampleId :

PB111214BL

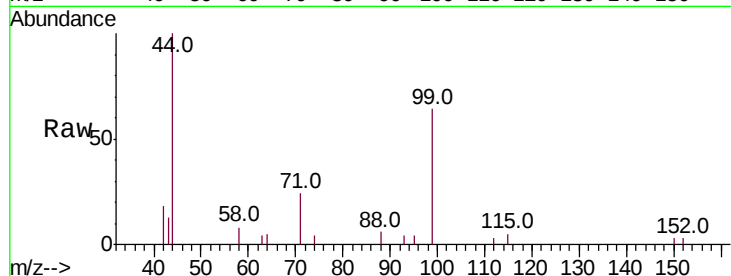
Tot Ion: 99 Resp: 2323

Ion Ratio Lower Upper

99 100

42 22.7 20.2 30.2

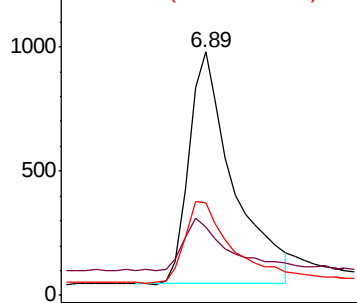
71 37.3 28.4 42.6



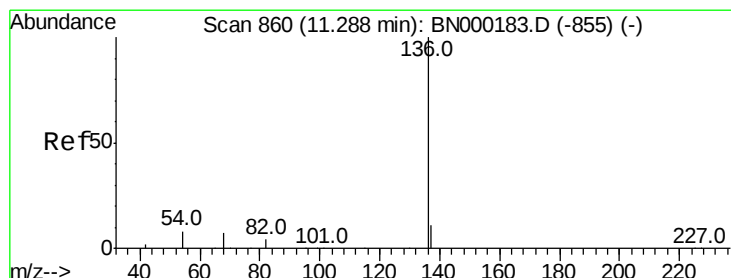
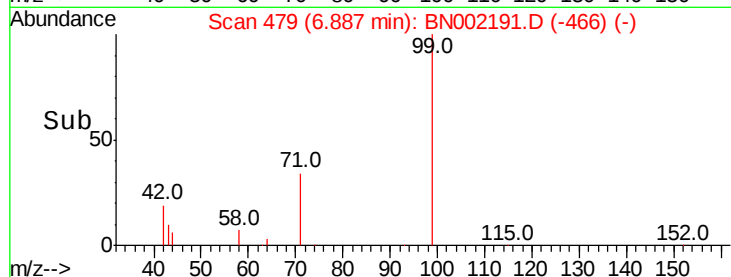
Abundance Ion 99.00 (98.70 to 99.70): BN000183.D (-525) (-)

Ion 42.00 (41.70 to 42.70): BN000183.D (-525) (-)

Ion 71.00 (70.70 to 71.70): BN000183.D (-525) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002191.D

Acq: 30 Jul 2018 18:25

Tgt Ion:136 Resp: 13254

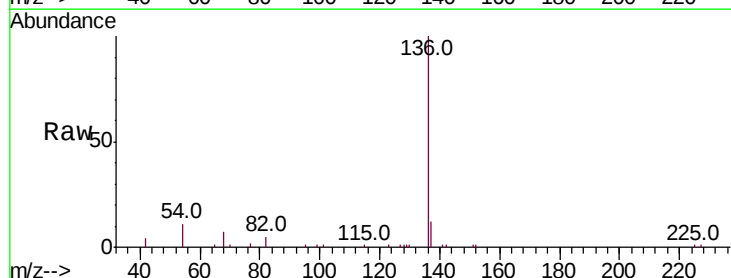
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 10.7 29.1 43.7#

68 6.8 6.2 9.2

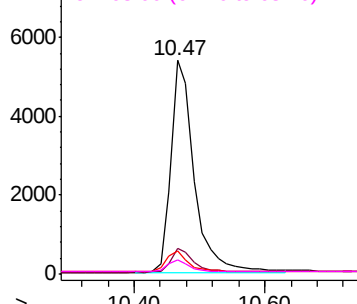


Abundance Ion 136.00 (135.70 to 136.70): BN000183.D (-855) (-)

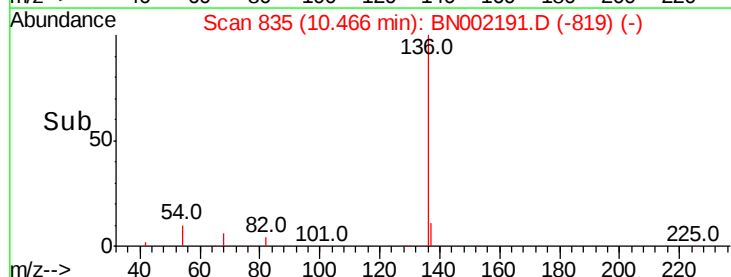
Ion 137.00 (136.70 to 137.70): BN000183.D (-855) (-)

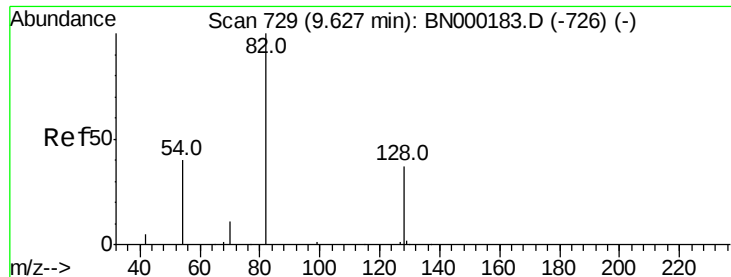
Ion 54.00 (53.70 to 54.70): BN000183.D (-855) (-)

Ion 68.00 (67.70 to 68.70): BN000183.D (-855) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 0.315 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN002191.D

Acq: 30 Jul 2018 18:25

Instrument :

BNA_N

ClientSampleId :

PB111214BL

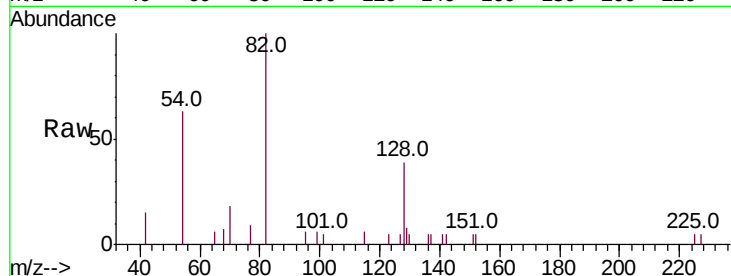
Tot Ion: 82 Resp: 3138

Ion Ratio Lower Upper

82 100

128 39.4 150.0 225.0#

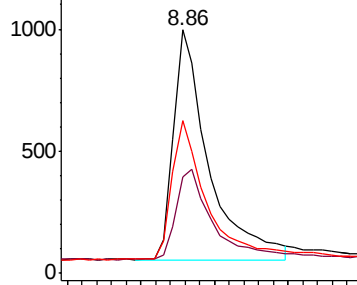
54 62.9 154.2 231.4#



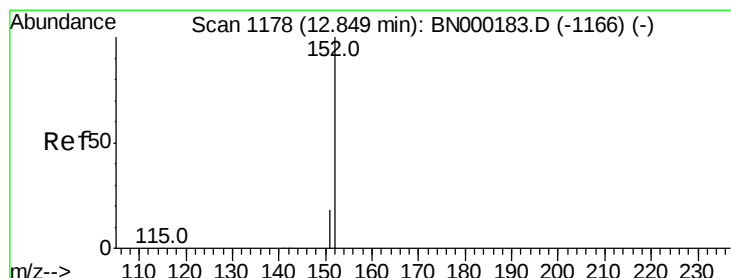
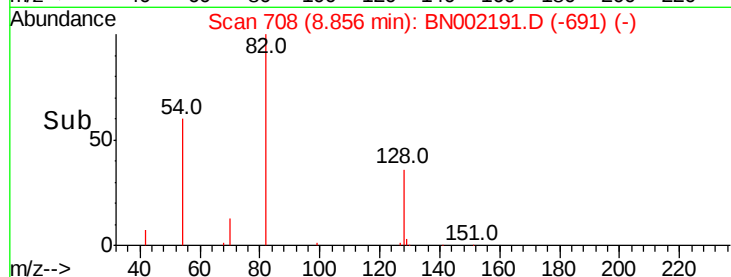
Abundance Ion 82.00 (81.70 to 82.70): BN000183.D (-726) (-)

Ion 128.00 (127.70 to 128.70): BN000183.D (-726) (-)

Ion 54.00 (53.70 to 54.70): BN000183.D (-726) (-)



Time--> 8.70 8.80 8.90 9.00



#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.07 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BN002191.D

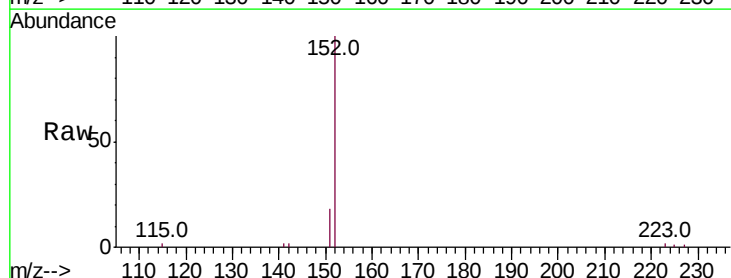
Acq: 30 Jul 2018 18:25

Tgt Ion: 152 Resp: 7492

Ion Ratio Lower Upper

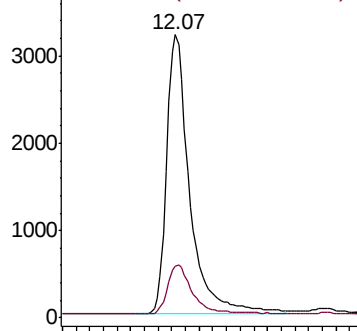
152 100

151 18.9 15.4 23.0

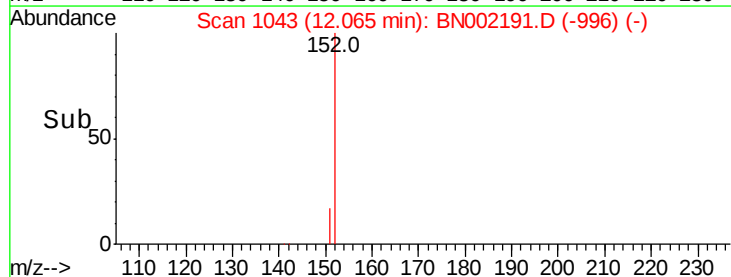


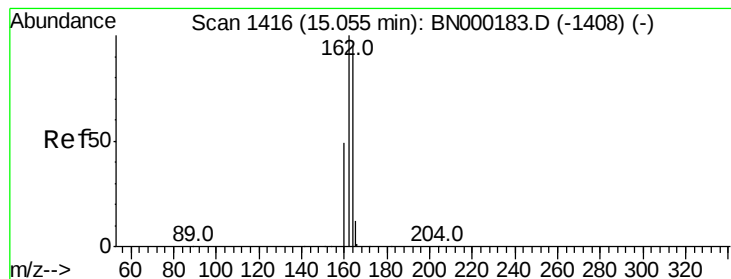
Abundance Ion 152.00 (151.70 to 152.70): BN000183.D (-1166) (-)

Ion 151.00 (150.70 to 151.70): BN000183.D (-1166) (-)



Time--> 11.90 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002191.D

Acq: 30 Jul 2018 18:25

Instrument :

BNA_N

ClientSampleId :

PB111214BL

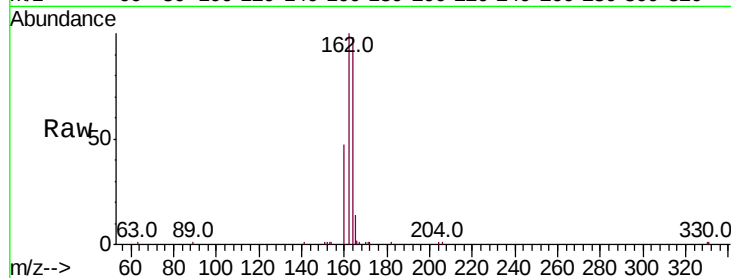
Tot Ion:164 Resp: 7555

Ion Ratio Lower Upper

164 100

162 102.1 83.1 124.7

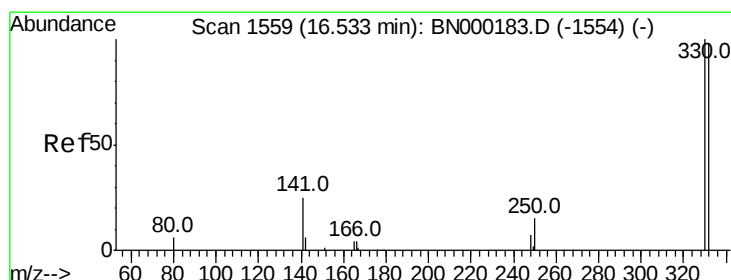
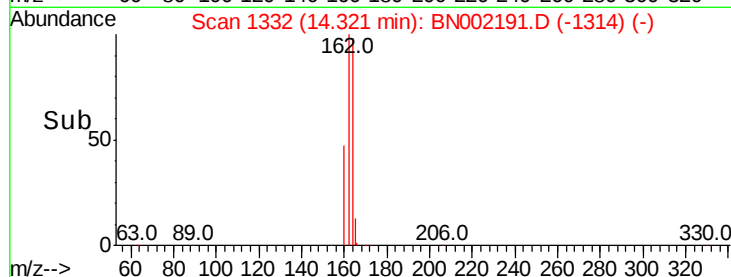
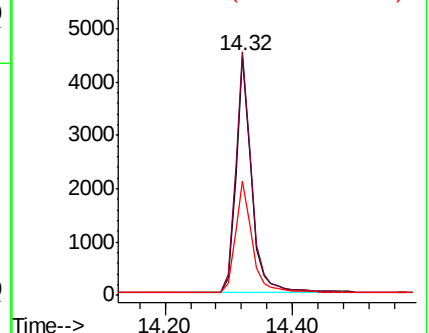
160 48.1 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.230 ng

RT: 15.84 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BN002191.D

Acq: 30 Jul 2018 18:25

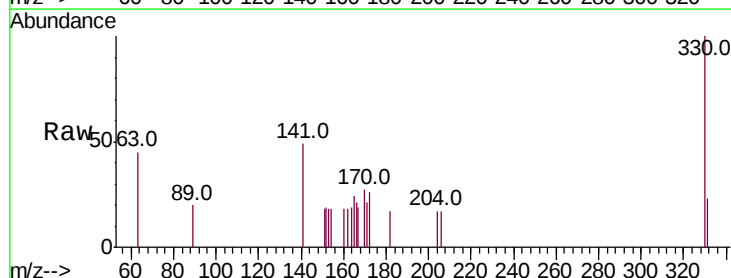
Tgt Ion:330 Resp: 743

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

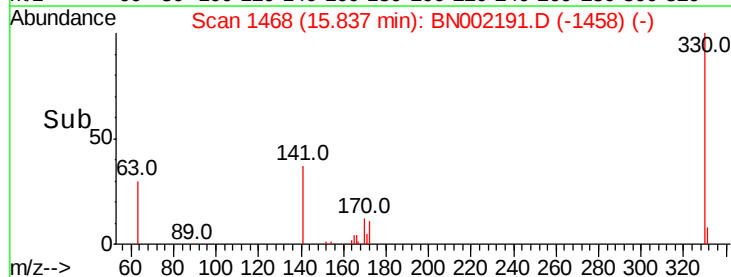
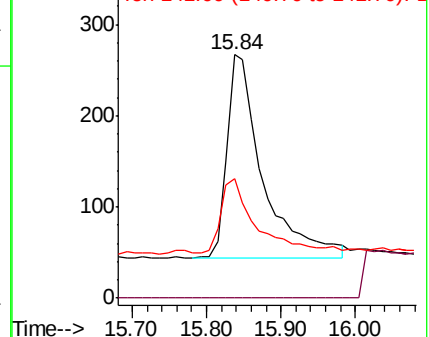
141 37.0 33.7 50.5

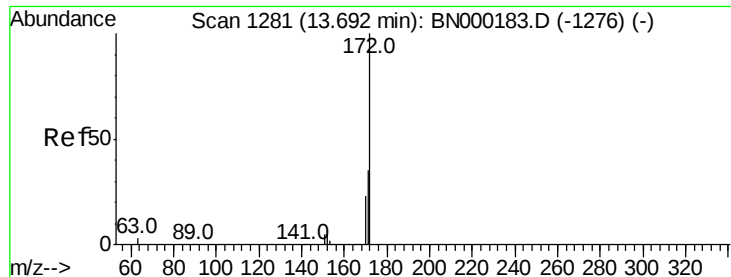


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

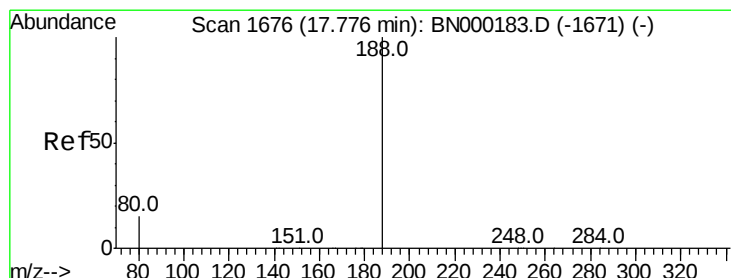
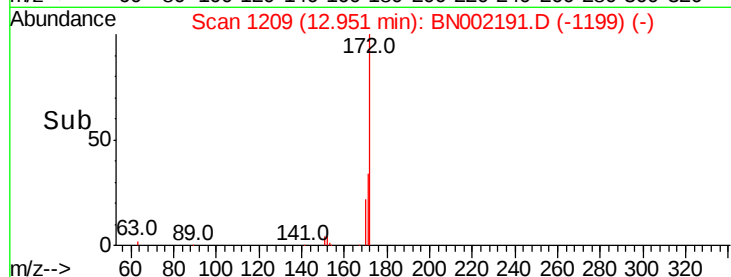
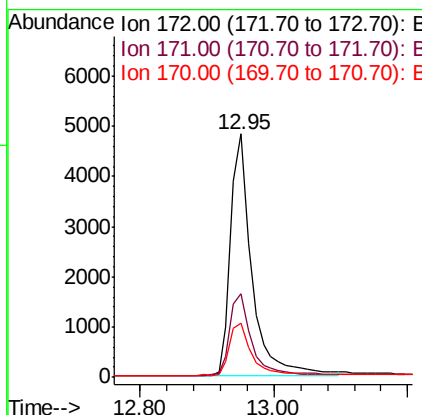
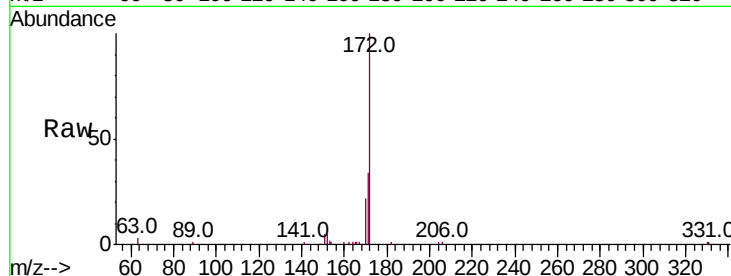




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.95 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BN002191.D
Acq: 30 Jul 2018 18:25

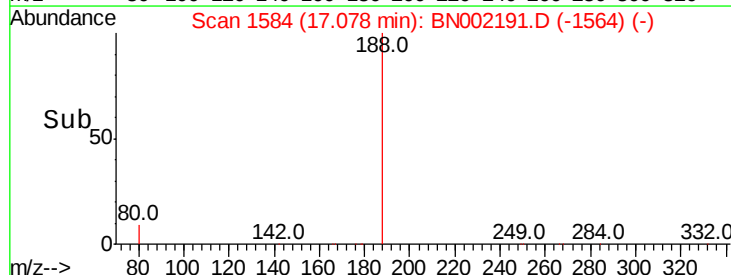
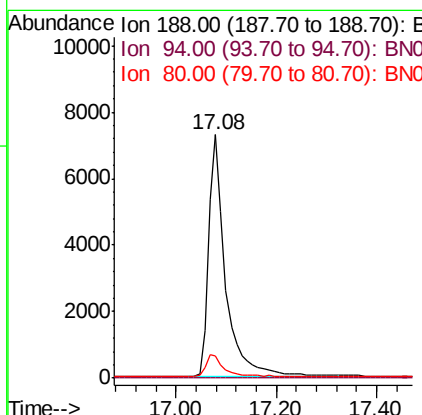
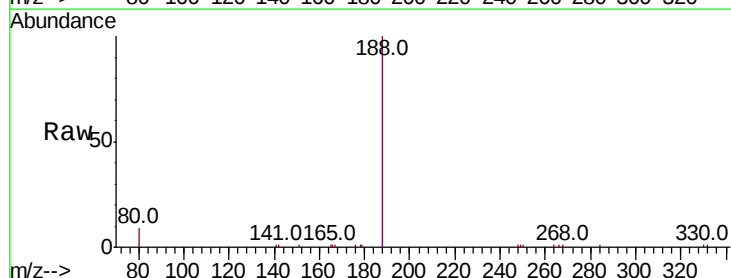
Instrument :
BNA_N
ClientSampleId :
PB111214BL

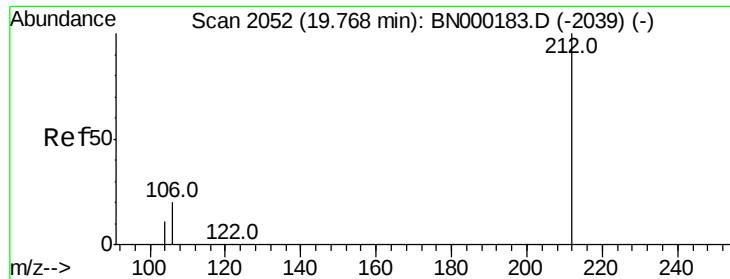
Tot Ion:172 Resp: 10448
Ion Ratio Lower Upper
172 100
171 34.4 29.9 44.9
170 22.4 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN002191.D
Acq: 30 Jul 2018 18:25

Tgt Ion:188 Resp: 17299
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 9.3 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BN002191.D

Acq: 30 Jul 2018 18:25

Instrument :

BNA_N

ClientSampleId :

PB111214BL

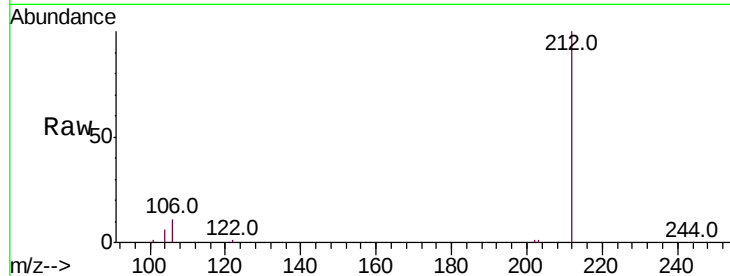
Tot Ion:212 Resp: 16754

Ion Ratio Lower Upper

212 100

106 11.4 2.8 4.2#

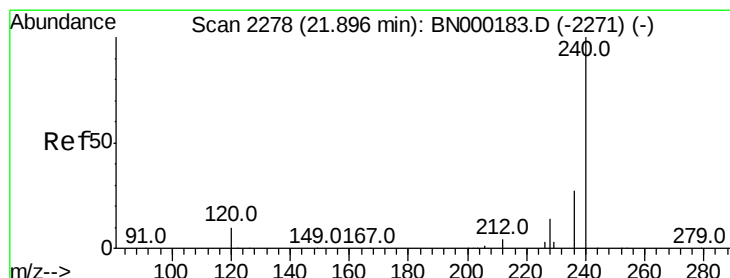
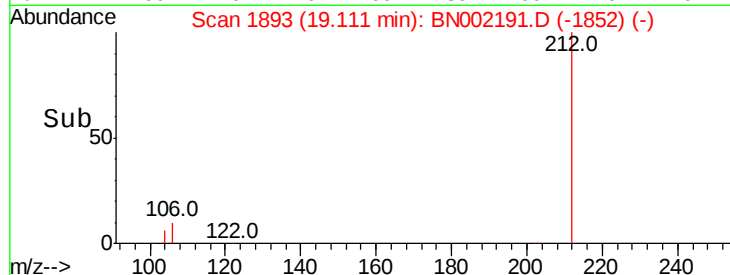
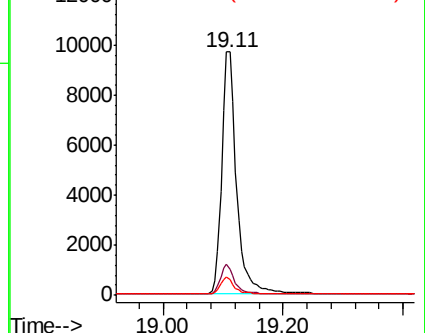
104 6.3 1.6 2.4#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN002191.D

Acq: 30 Jul 2018 18:25

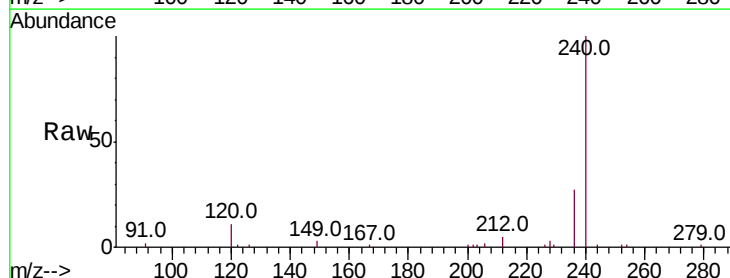
Tgt Ion:240 Resp: 12871

Ion Ratio Lower Upper

240 100

120 11.1 5.5 8.3#

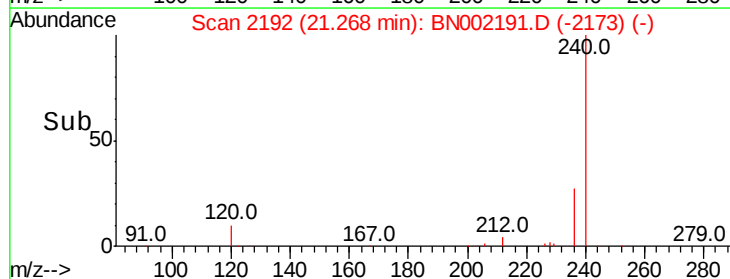
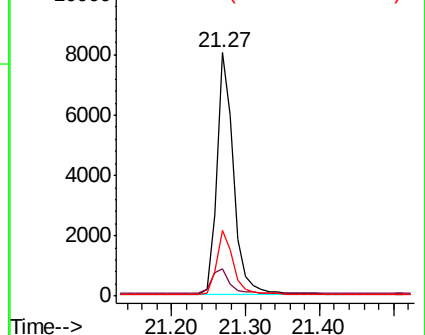
236 27.1 20.7 31.1

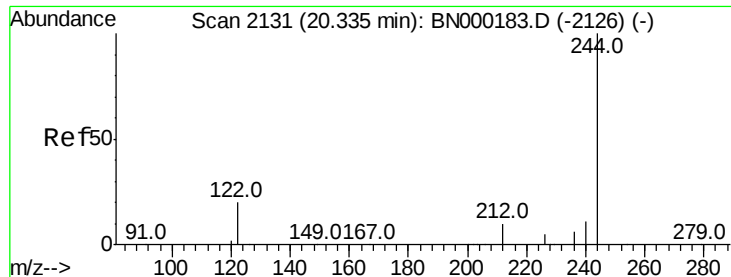


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BN002191.D

Acq: 30 Jul 2018 18:25

Instrument :

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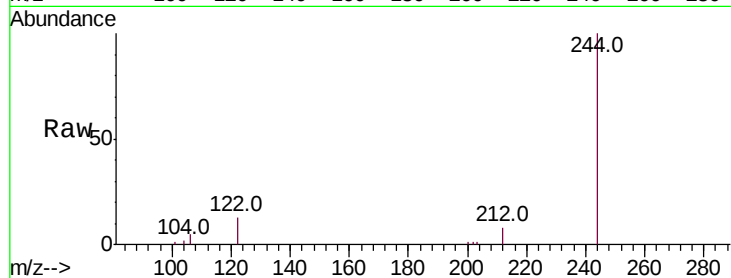
Tot Ion:244 Resp: 10657

Ion Ratio Lower Upper

244 100

212 8.4 25.4 38.0#

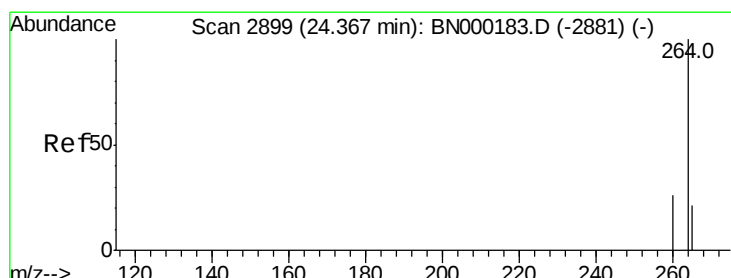
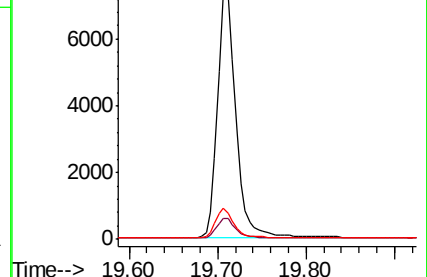
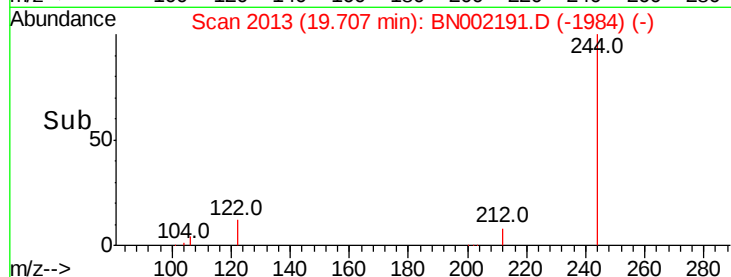
122 12.5 8.1 12.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2619

Delta R.T. -0.00 min

Lab File: BN002191.D

Acq: 30 Jul 2018 18:25

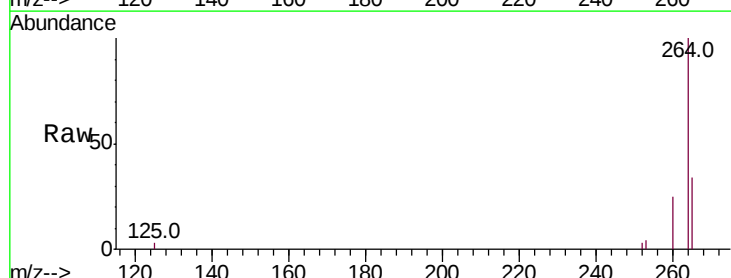
Tgt Ion:264 Resp: 10906

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

265 33.7 22.8 34.2



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

