

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002195.D
 Acq On : 30 Jul 2018 20:46
 Operator : JU/SJ
 Sample : PB111184BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB111184BL

Quant Time: Jul 31 01:57:37 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	3107	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	12253	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	6449	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	12983	0.40	ng	0.01
27) Chrysene-d12	21.27	240	10491	0.40	ng	0.00
34) Perylene-d12	23.50	264	10308	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	2172	0.30	ng	0.00
5) Phenol-d6	6.89	99	2103	0.24	ng	0.00
8) Nitrobenzene-d5	8.87	82	2870	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	12.07	152	6698	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.85	330	552	0.20	ng	0.02
15) 2-Fluorobiphenyl	12.95	172	9076	0.37	ng	0.01
25) Fluoranthene-d10	19.11	212	12149	0.38	ng	0.00
29) Terphenyl-d14	19.71	244	7649	0.34	ng	0.00

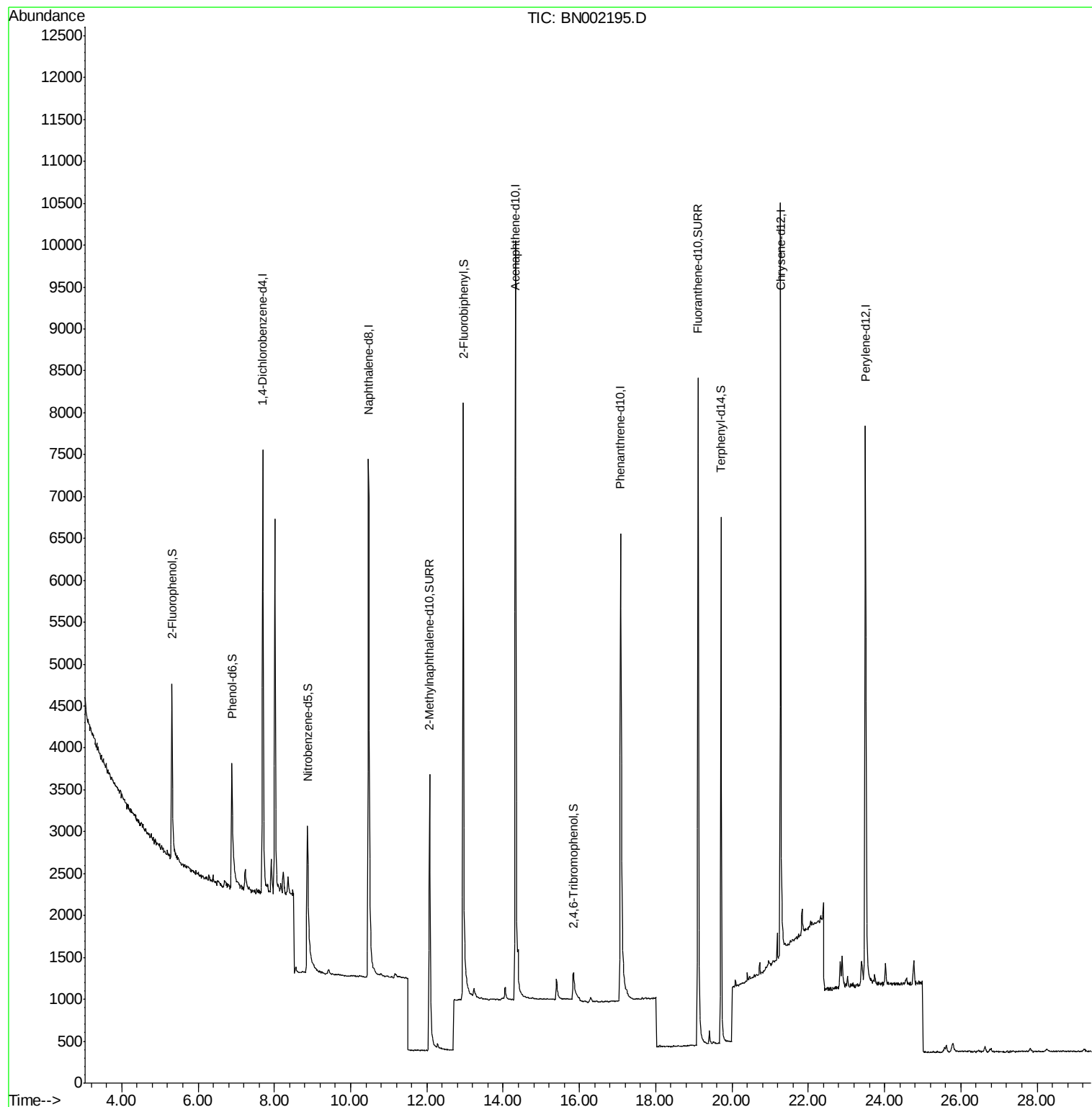
Target Compounds	Qvalue
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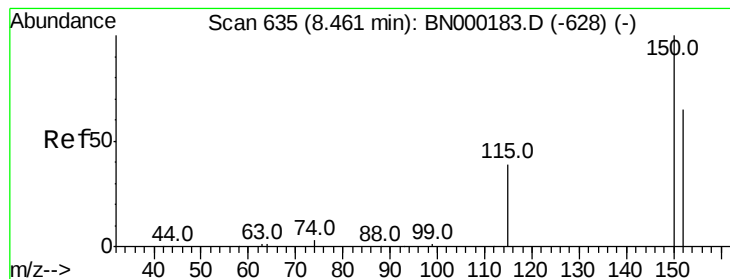
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

PB111184BL

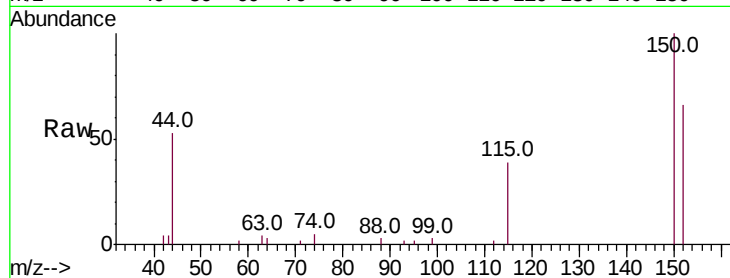
Tot Ion:152 Resp: 3107

Ion Ratio Lower Upper

152 100

150 151.7 117.2 175.8

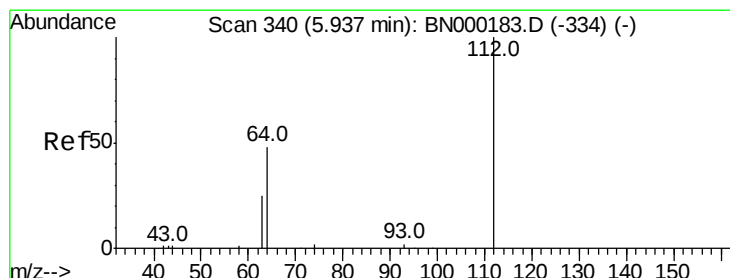
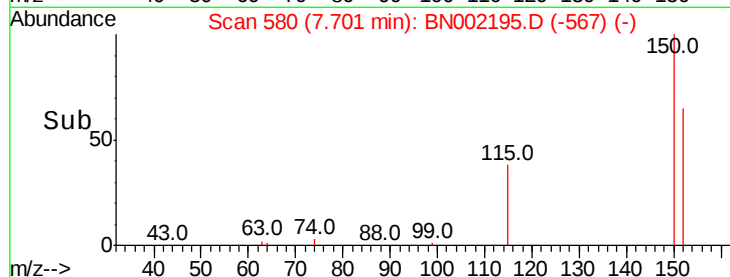
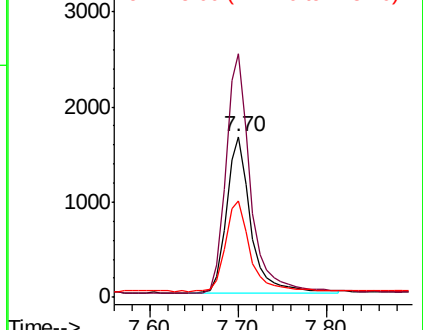
115 59.9 57.0 85.6



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: 0.300 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

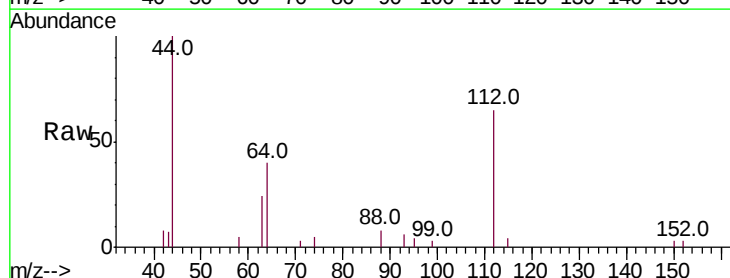
Tgt Ion:112 Resp: 2172

Ion Ratio Lower Upper

112 100

64 66.4 60.1 90.1

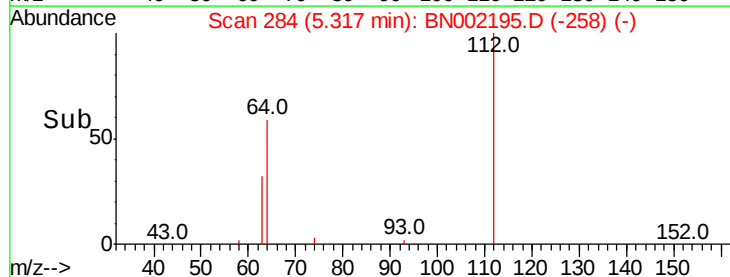
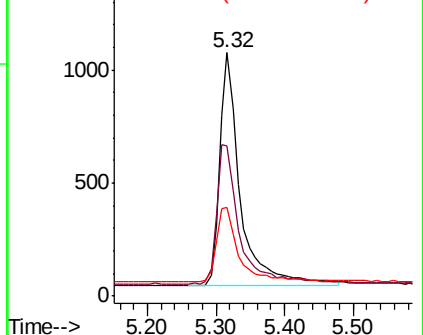
63 35.1 116.8 175.2#

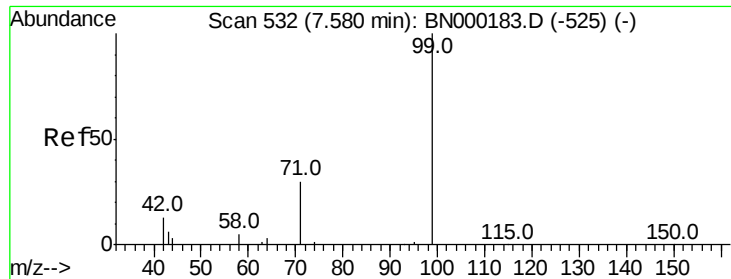


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.239 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

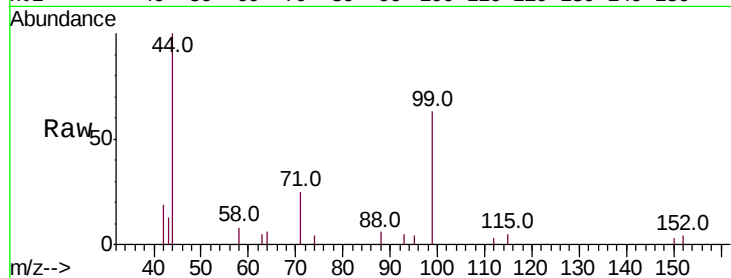
BNA_N

ClientSampleId :

PB111184BL

Tot Ion: 99 Resp: 2103

Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.2	30.2
71	37.5	28.4	42.6

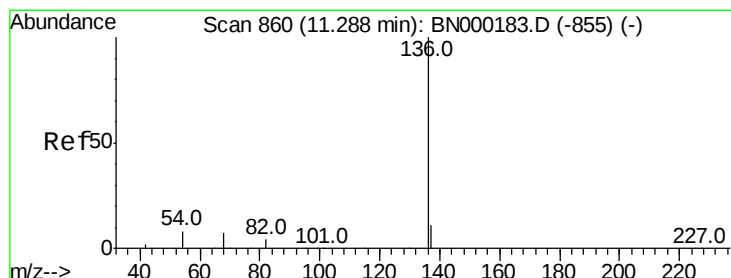
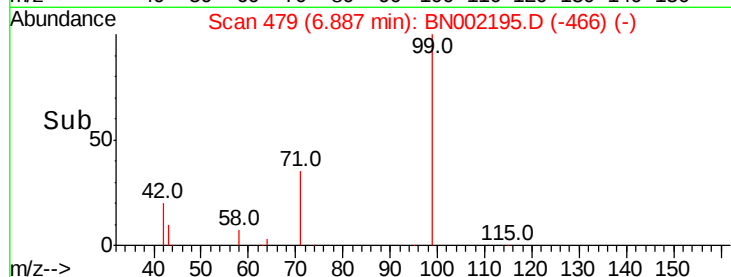
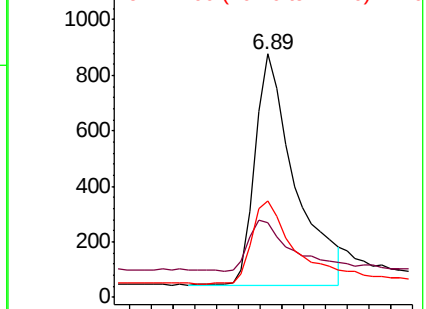


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

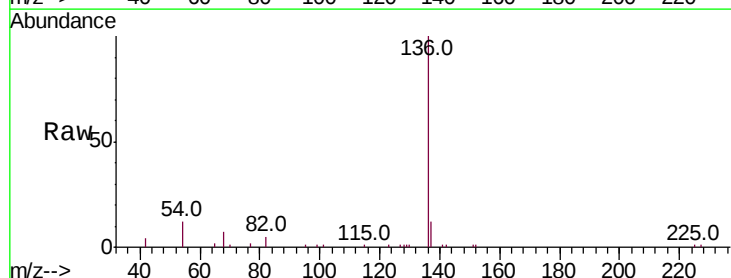
Delta R.T. -0.00 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Tgt Ion: 136 Resp: 12253

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	11.6	29.1	43.7#
68	7.4	6.2	9.2



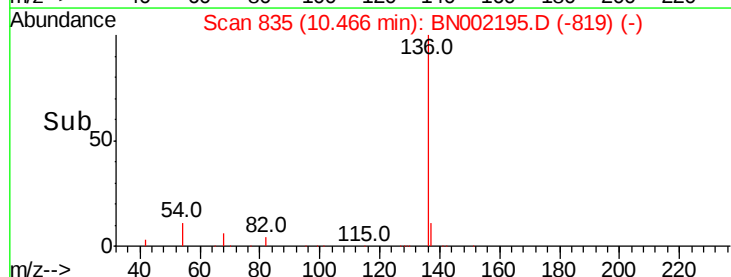
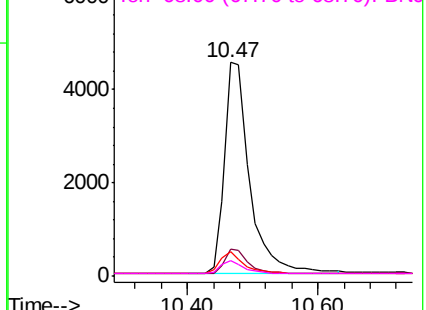
Abundance

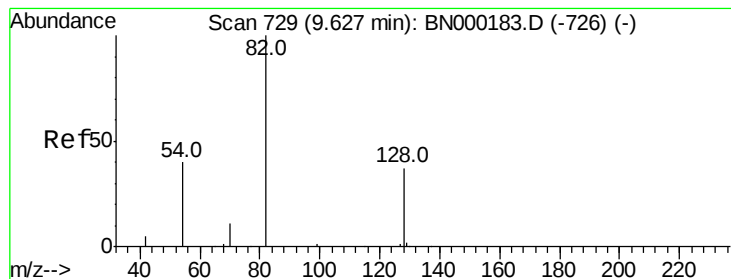
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.311 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.03 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

PB111184BL

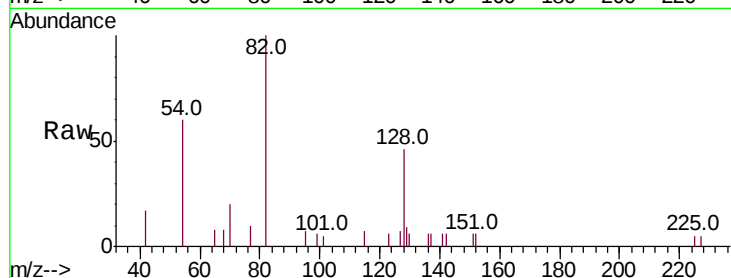
Tot Ion: 82 Resp: 2870

Ion Ratio Lower Upper

82 100

128 45.7 150.0 225.0#

54 60.3 154.2 231.4#



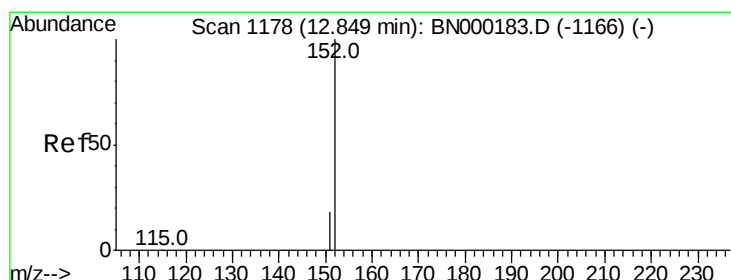
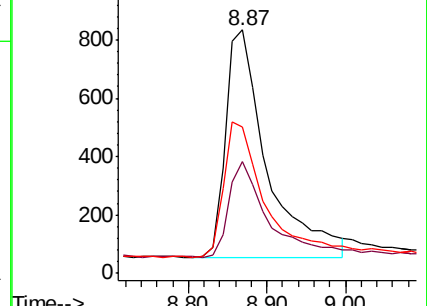
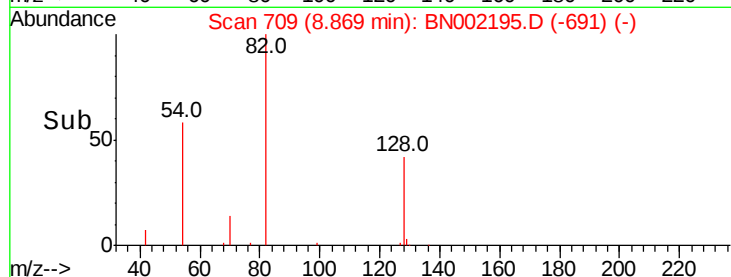
Abundance Ion 82.00 (81.70 to 82.70): BN000183.D (-726) (-)

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

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

8.87

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 12.07 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BN002195.D

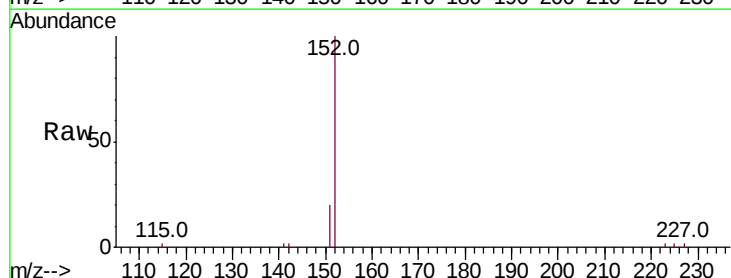
Acq: 30 Jul 2018 20:46

Tgt Ion: 152 Resp: 6698

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0

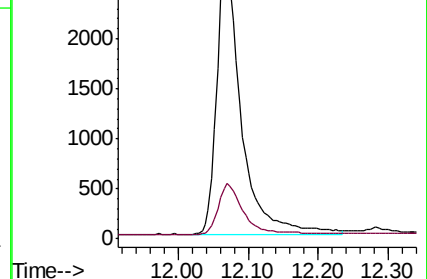
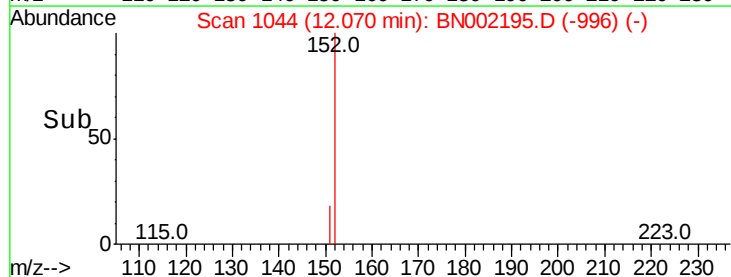


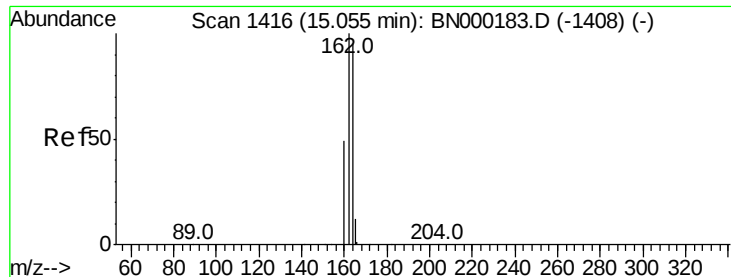
Abundance Ion 152.00 (151.70 to 152.70): BN000183.D (-1166) (-)

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

12.07

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

PB111184BL

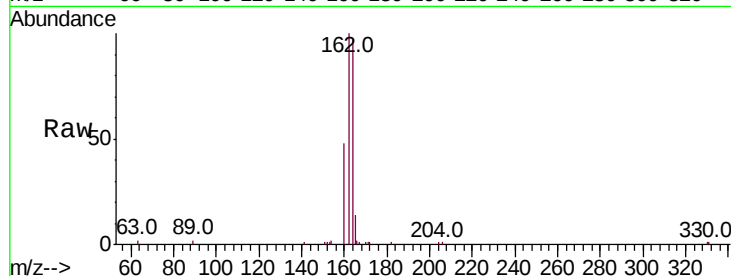
Tot Ion:164 Resp: 6449

Ion Ratio Lower Upper

164 100

162 102.9 83.1 124.7

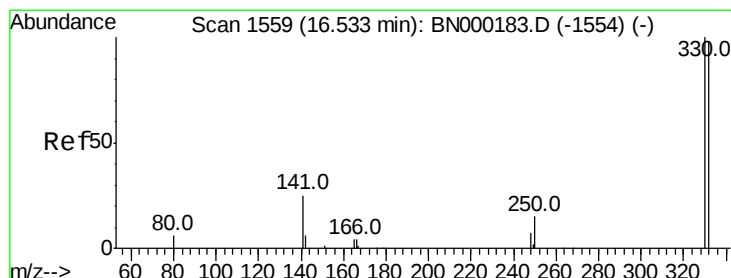
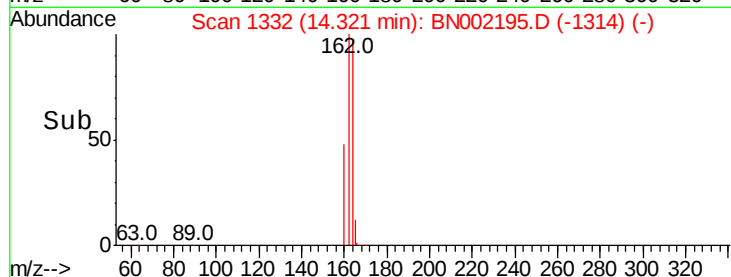
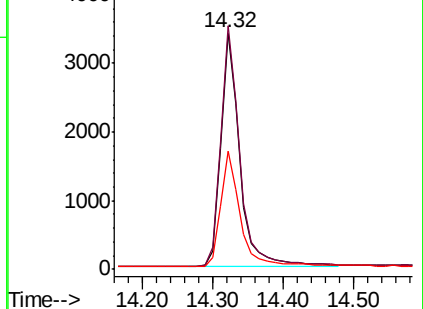
160 49.7 37.1 55.7



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: 0.200 ng

RT: 15.85 min Scan# 1469

Delta R.T. 0.02 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

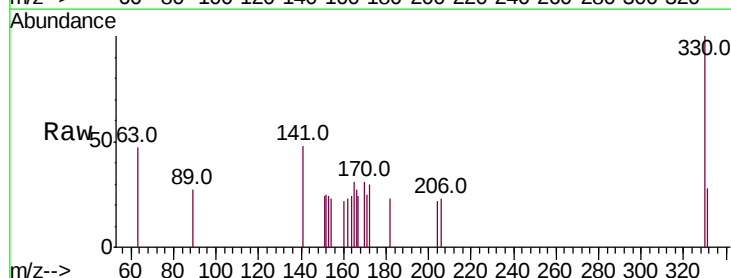
Tgt Ion:330 Resp: 552

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

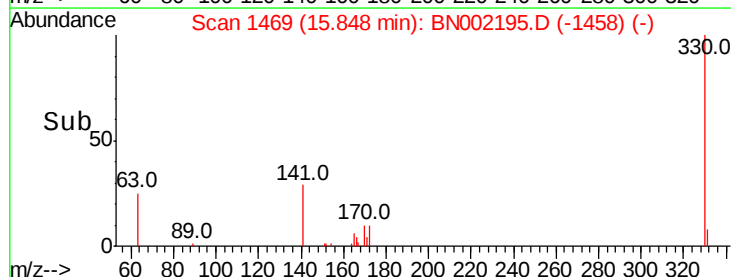
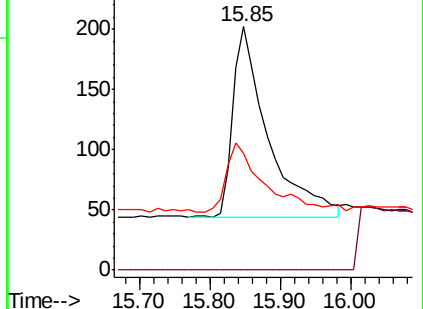
141 39.3 33.7 50.5

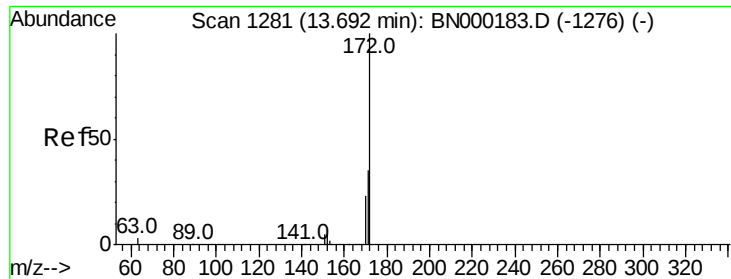


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

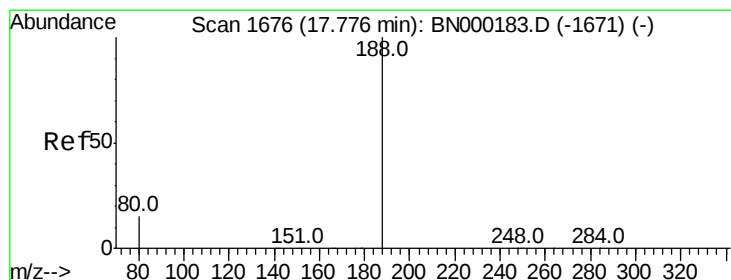
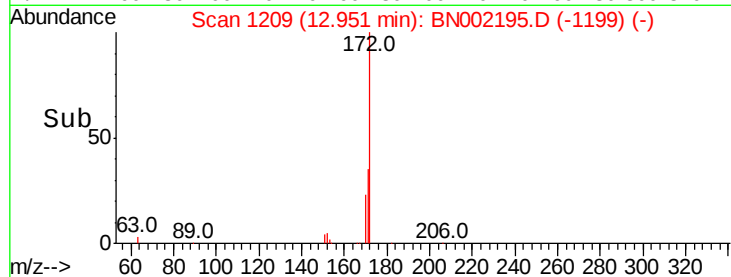
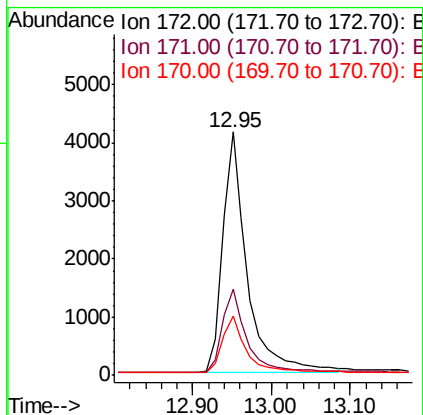
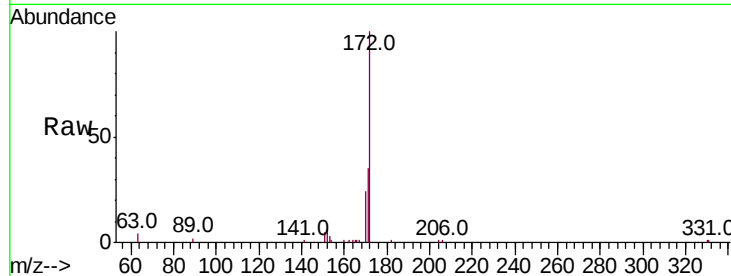




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.95 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

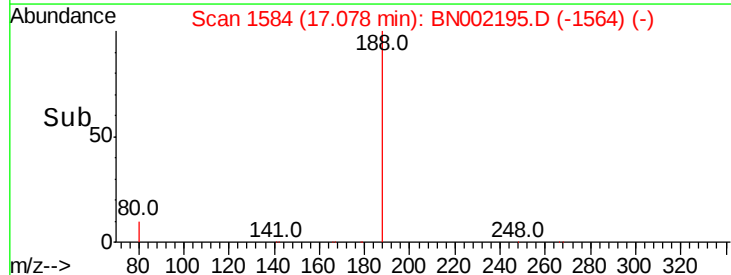
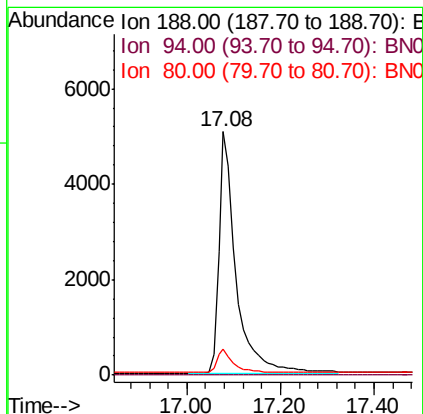
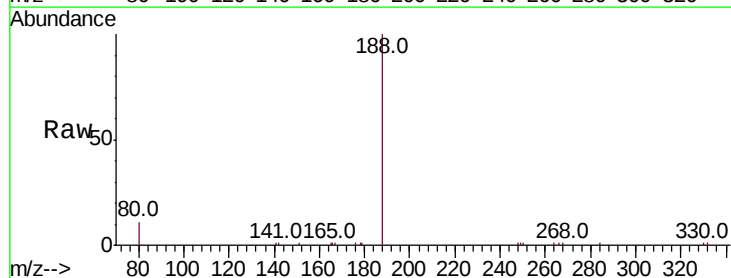
Instrument :
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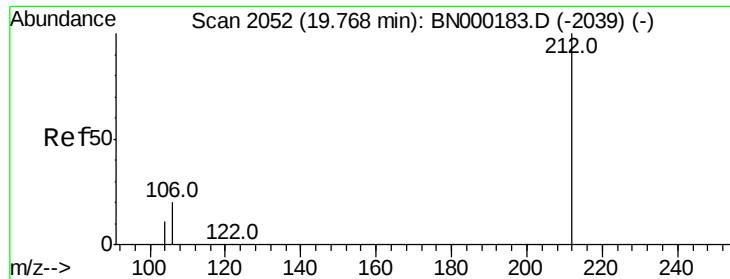
Tot Ion:172 Resp: 9076
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 24.1 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:188 Resp: 12983
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.8 3.6 5.4#

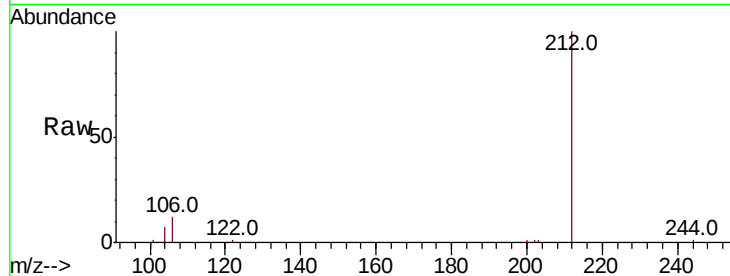




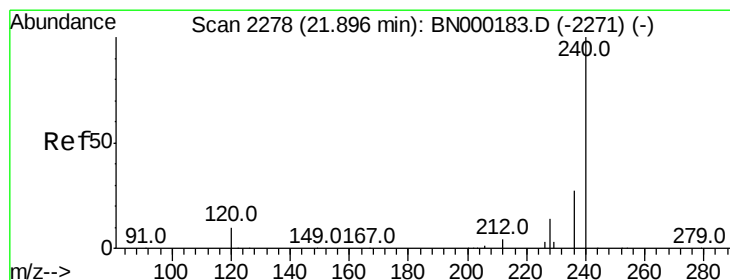
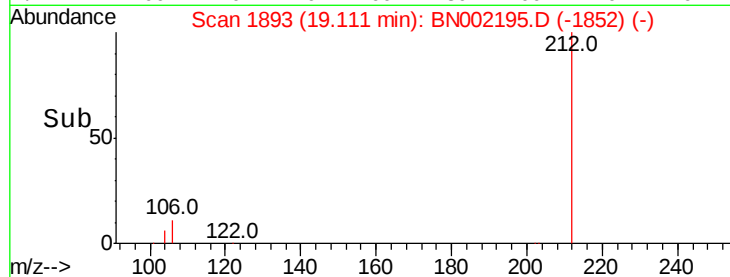
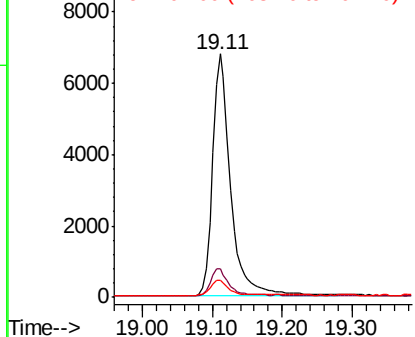
#25
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.11 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_N
ClientSampleId :
PB111184BL

Tot Ion:212 Resp: 12149
Ion Ratio Lower Upper
212 100
106 11.1 2.8 4.2#
104 6.6 1.6 2.4#

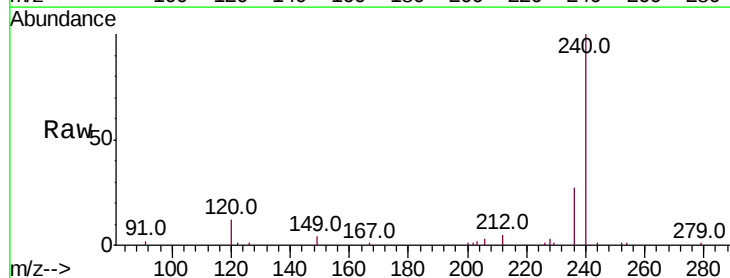


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

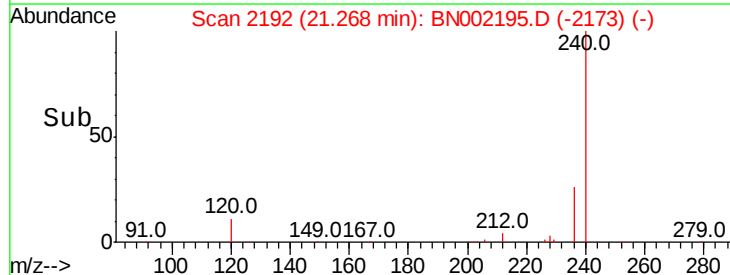
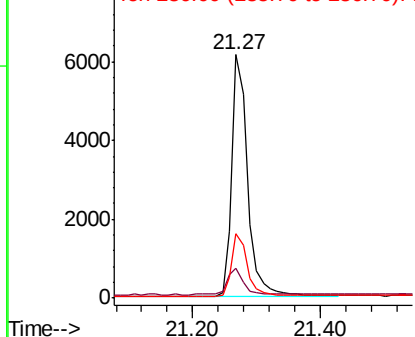


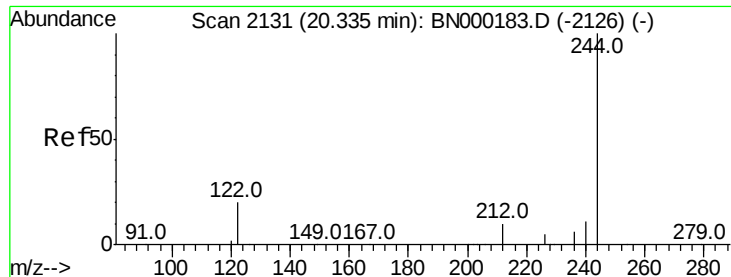
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:240 Resp: 10491
Ion Ratio Lower Upper
240 100
120 12.4 5.5 8.3#
236 26.7 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: 0.341 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

PB111184BL

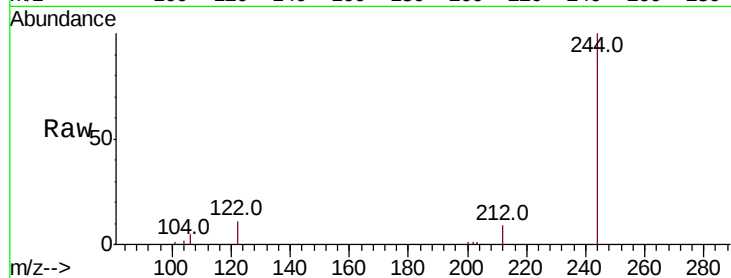
Tot Ion:244 Resp: 7649

Ion Ratio Lower Upper

244 100

212 8.7 25.4 38.0#

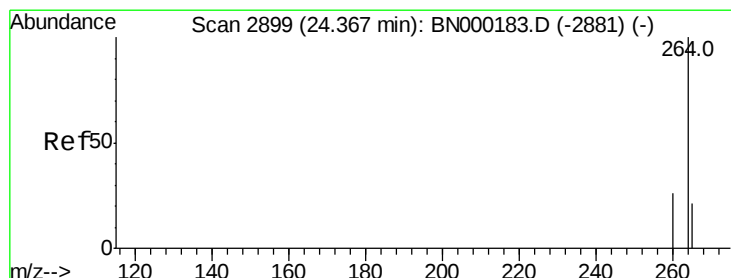
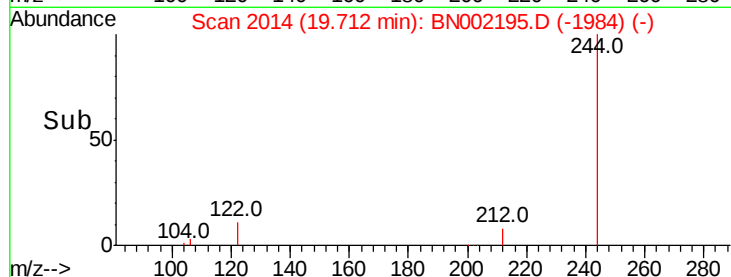
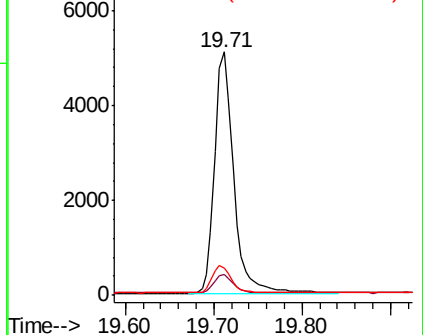
122 11.4 8.1 12.1



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: BN002195.D

Acq: 30 Jul 2018 20:46

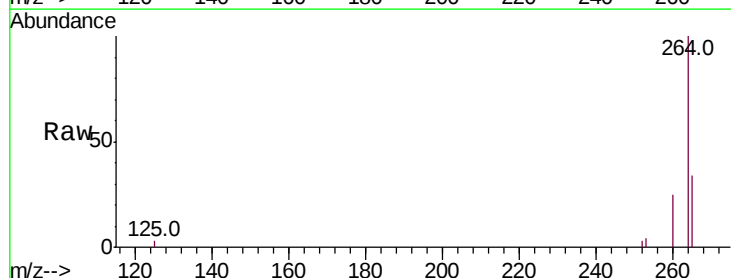
Tgt Ion:264 Resp: 10308

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

265 34.0 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

