

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071420\
 Data File : BN011162.D
 Acq On : 14 Jul 2020 16:52
 Operator : CG/JU
 Sample : PB130138BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130138BL

Quant Time: Jul 14 17:26:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 15:08:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	1653	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5713	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3703	0.40	ng	0.00
19) Phenanthrene-d10	16.88	188	8768	0.40	ng	0.00
29) Chrysene-d12	21.10	240	7008	0.40	ng	0.00
36) Perylene-d12	23.23	264	7105	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1079	0.26	ng	0.00
5) Phenol-d6	6.70	99	1253	0.27	ng	0.00
8) Nitrobenzene-d5	8.65	82	1503	0.30	ng	0.02
11) 2-Methylnaphthalene-d10	11.86	152	3076	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	453	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	4602	0.27	ng	0.00
27) Fluoranthene-d10	18.92	212	7494	0.27	ng	0.00
31) Terphenyl-d14	19.54	244	6289	0.34	ng	0.00

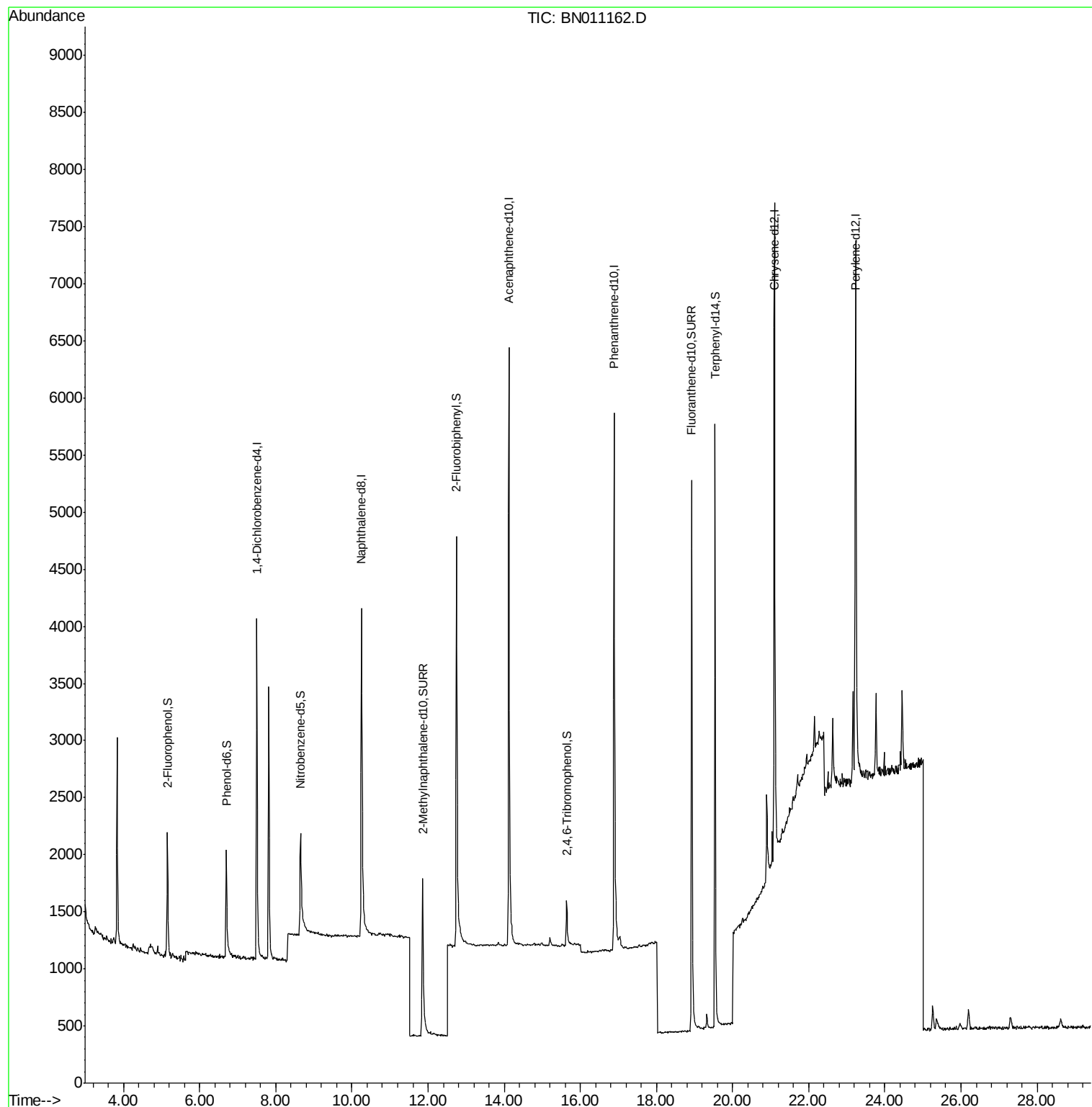
Target Compounds	Qvalue
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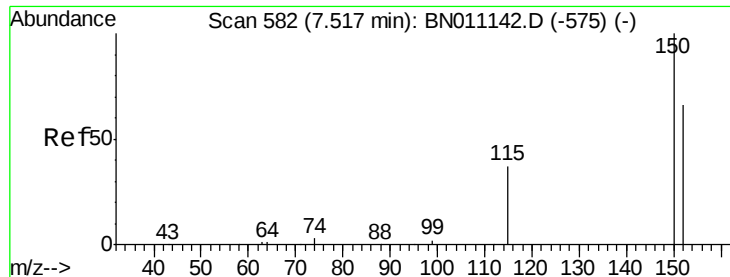
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 14 17:26:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 15:08:13 2020
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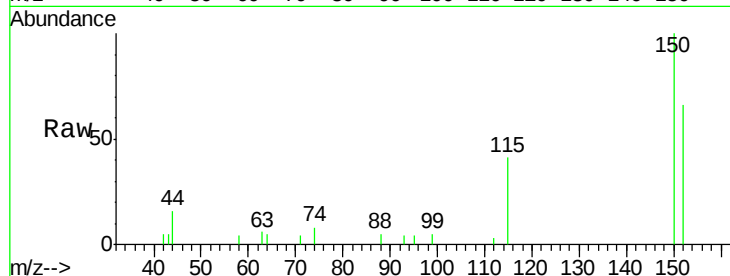


#1

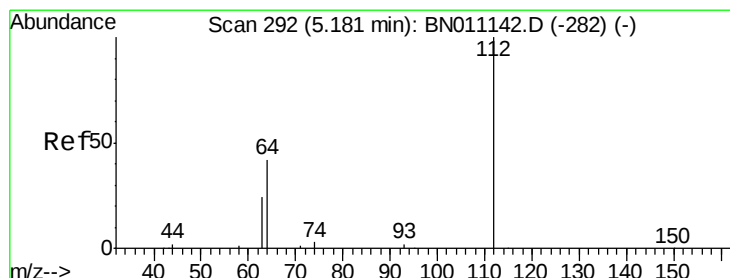
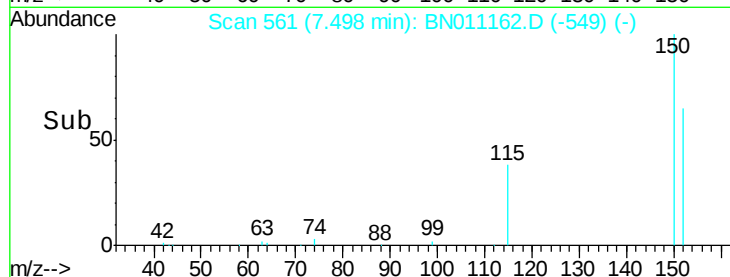
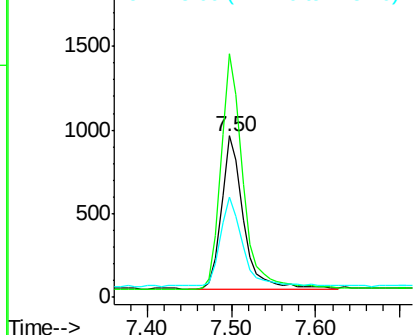
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.50 min Scan# 561
Delta R.T. -0.00 min
Lab File: BN011162.D
Acq: 14 Jul 2020 16:52

Instrument :
BNA_N
ClientSampleId :
PB130138BL

Tot Ion:152 Resp: 1653
Ion Ratio Lower Upper
152 100
150 150.9 119.4 179.0
115 62.3 48.3 72.5



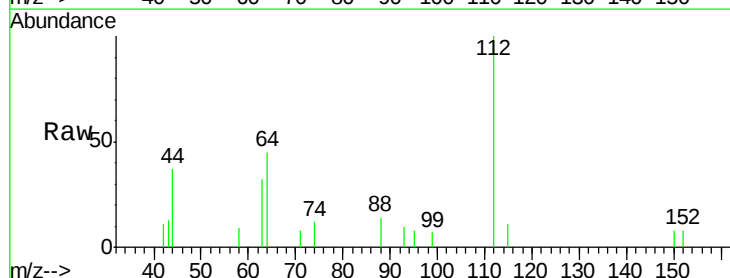
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



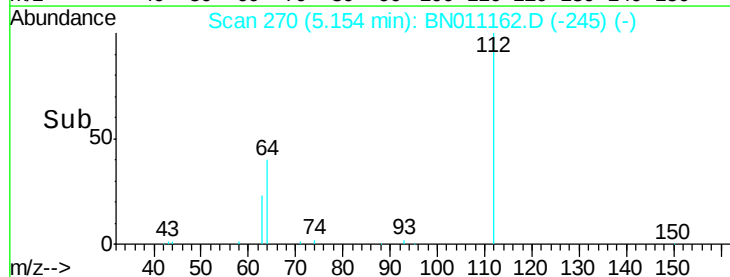
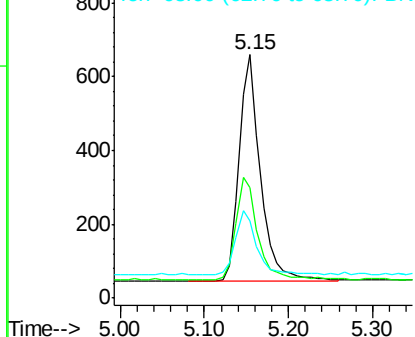
#4

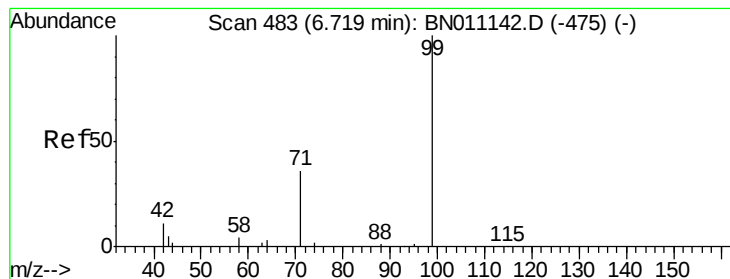
2-Fluorophenol
Concen: 0.265 ng
RT: 5.15 min Scan# 270
Delta R.T. 0.01 min
Lab File: BN011162.D
Acq: 14 Jul 2020 16:52

Tgt Ion:112 Resp: 1079
Ion Ratio Lower Upper
112 100
64 45.6 36.7 55.1
63 29.2 20.4 30.6



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: 0.272 ng

RT: 6.70 min Scan# 462

Delta R.T. 0.00 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampleId :

PB130138BL

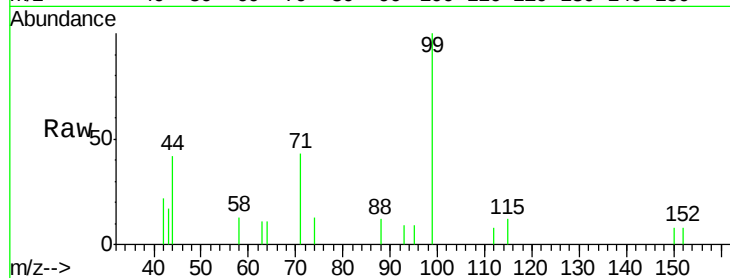
Tot Ion: 99 Resp: 1253

Ion Ratio Lower Upper

99 100

42 12.8 10.8 16.2

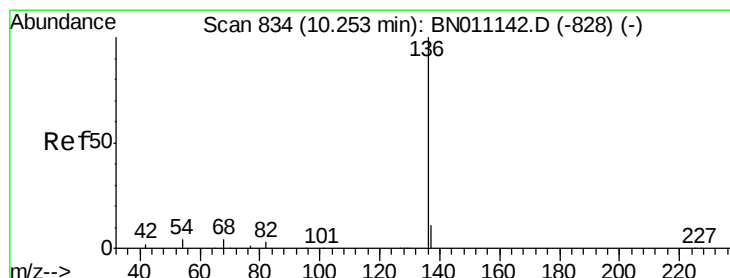
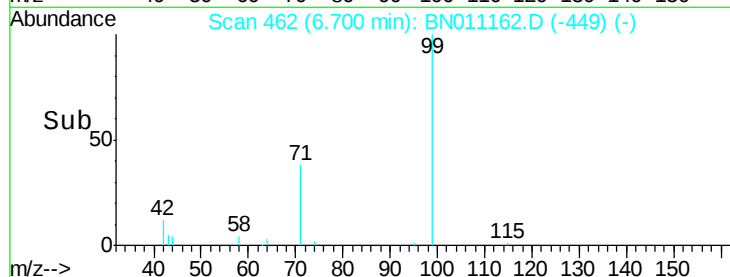
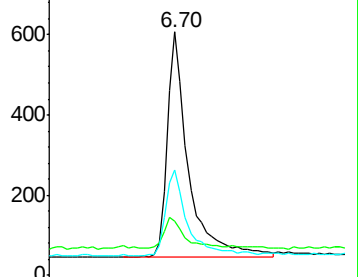
71 40.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN011142.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011142.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011142.D (-475) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 815

Delta R.T. 0.01 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Tgt Ion: 136 Resp: 5713

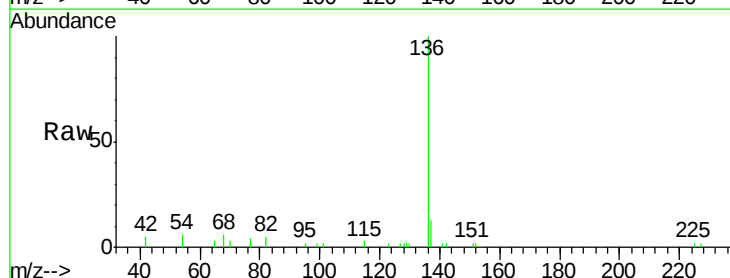
Ion Ratio Lower Upper

136 100

137 12.8 10.3 15.5

54 6.2 4.9 7.3

68 6.2 4.9 7.3

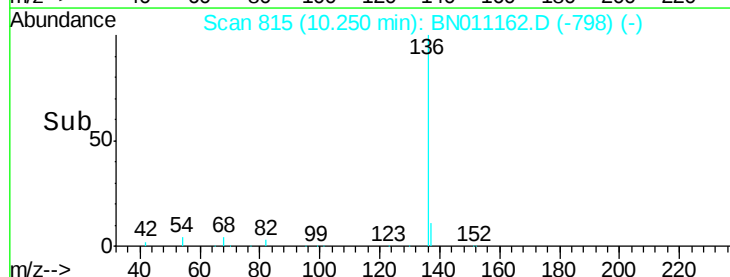
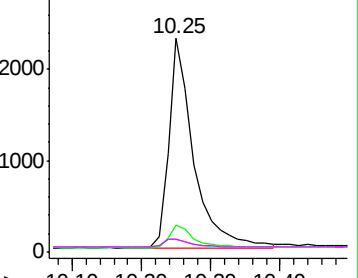


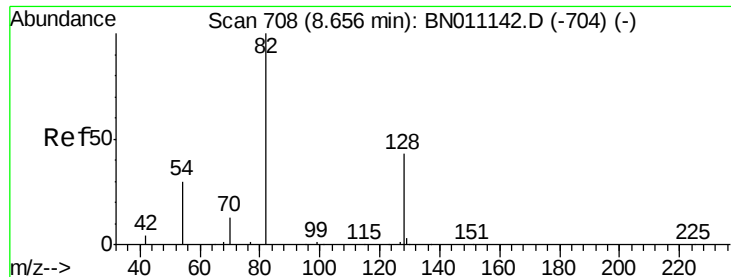
Abundance Ion 136.00 (135.70 to 136.70): BN011142.D (-828) (-)

Ion 137.00 (136.70 to 137.70): BN011142.D (-828) (-)

Ion 54.00 (53.70 to 54.70): BN011142.D (-828) (-)

Ion 68.00 (67.70 to 68.70): BN011142.D (-828) (-)





#8

Nitrobenzene-d5

Concen: 0.297 ng

RT: 8.65 min Scan# 689

Delta R.T. 0.02 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampleId :

PB130138BL

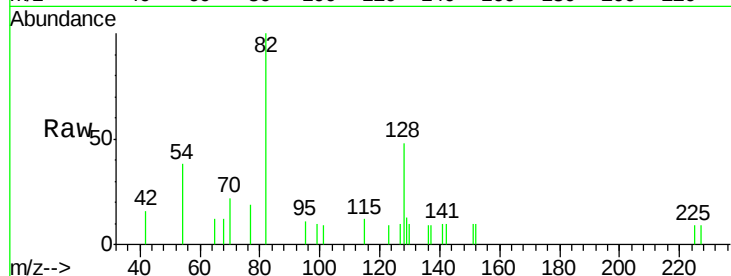
Tot Ion: 82 Resp: 1503

Ion Ratio Lower Upper

82 100

128 48.0 38.1 57.1

54 37.8 27.1 40.7

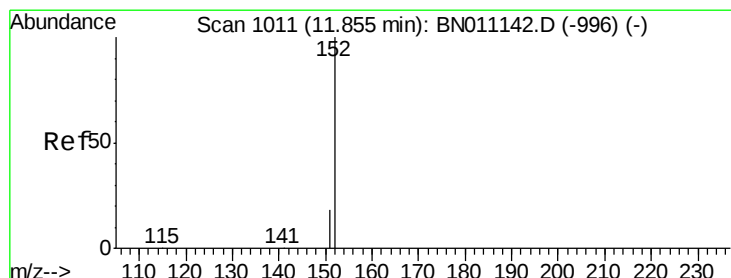
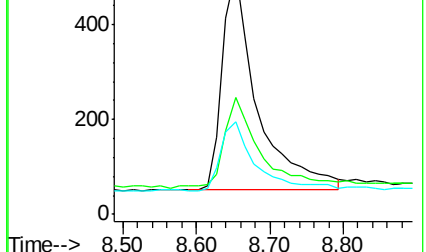
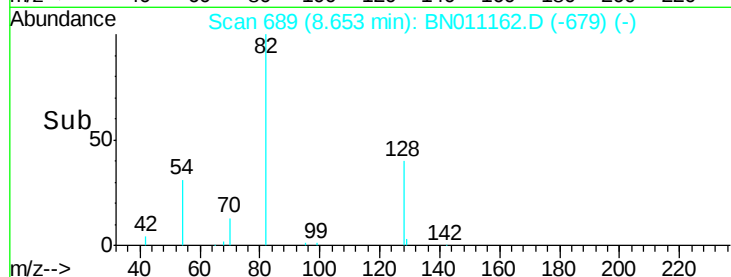


Abundance Ion 82.00 (81.70 to 82.70): BN011162.D (-679) (-)

Ion 128.00 (127.70 to 128.70): BN011162.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BN011162.D (-679) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 11.86 min Scan# 991

Delta R.T. 0.01 min

Lab File: BN011162.D

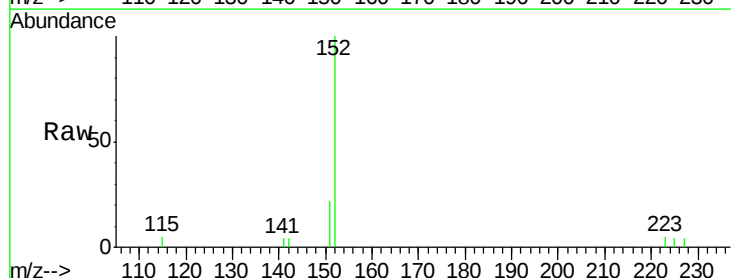
Acq: 14 Jul 2020 16:52

Tgt Ion: 152 Resp: 3076

Ion Ratio Lower Upper

152 100

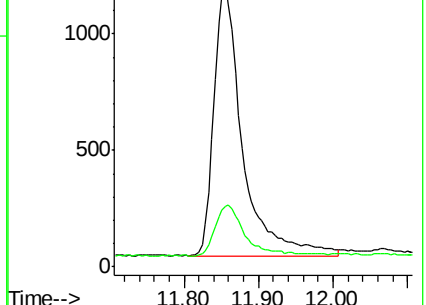
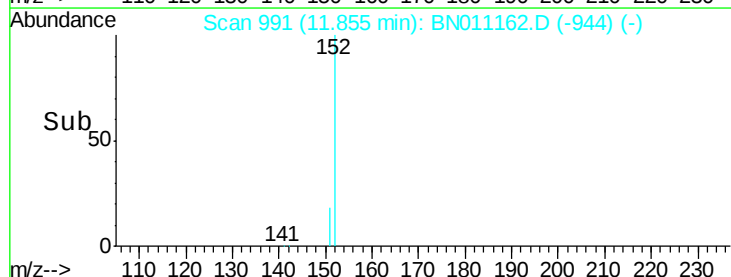
151 19.9 16.5 24.7

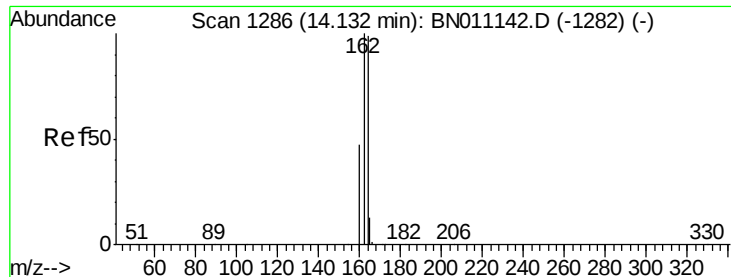


Abundance Ion 152.00 (151.70 to 152.70): BN011162.D (-944) (-)

Ion 151.00 (150.70 to 151.70): BN011162.D (-944) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampled :

PB130138BL

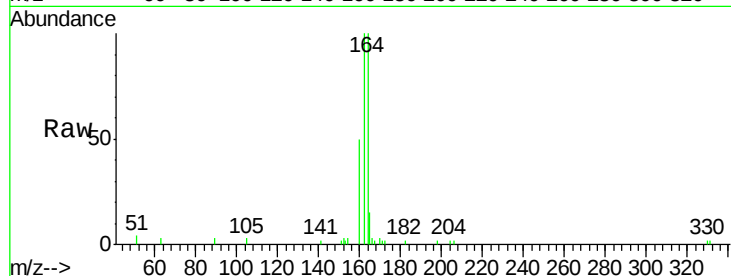
Tot Ion:164 Resp: 3703

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

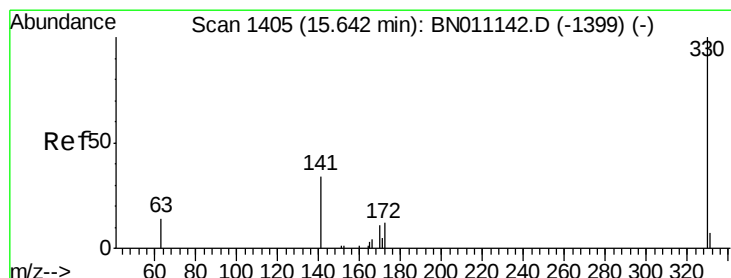
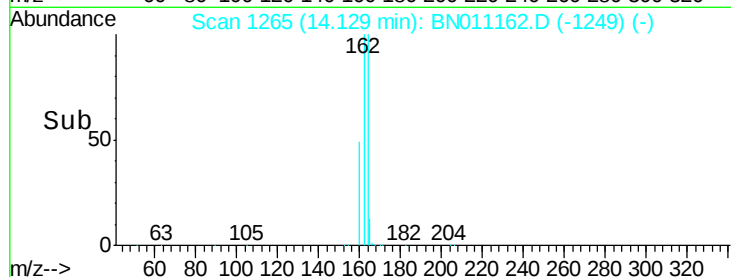
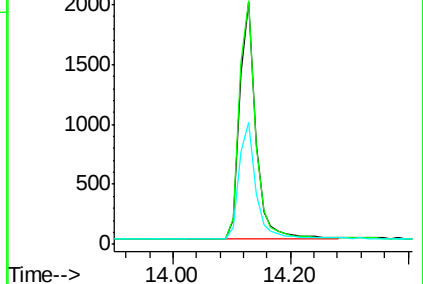
160 50.1 39.0 58.6



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: 0.276 ng

RT: 15.64 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

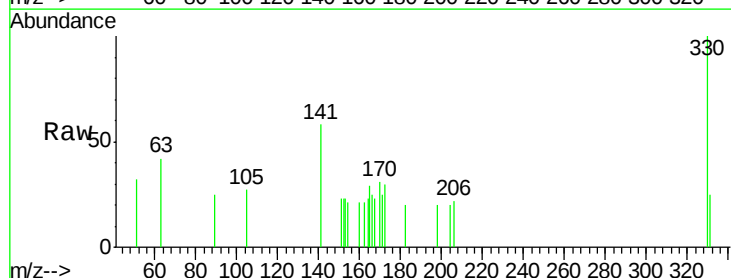
Tgt Ion:330 Resp: 453

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

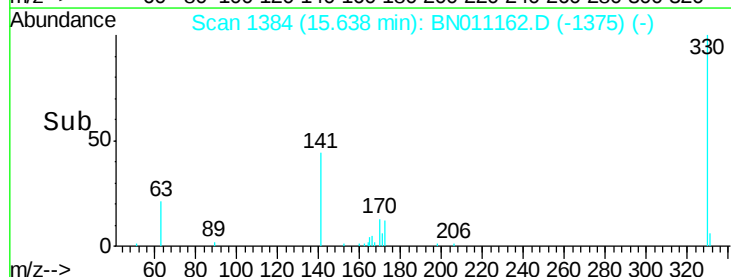
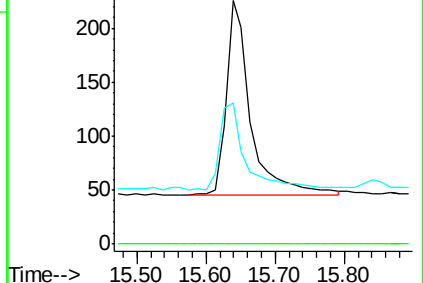
141 47.5 31.5 47.3#

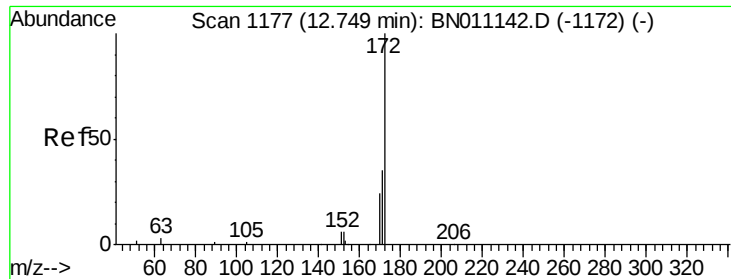


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

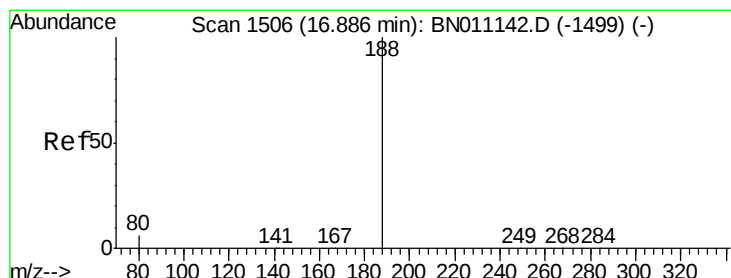
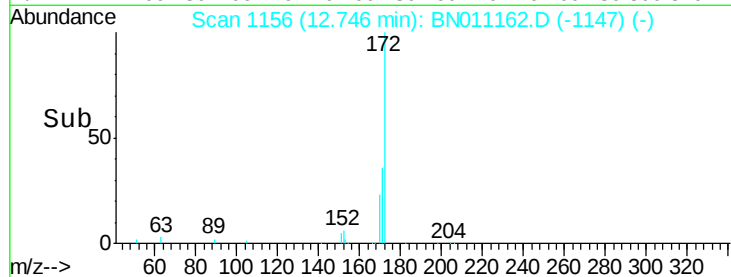
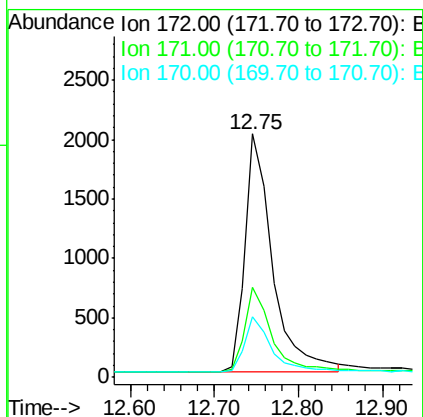
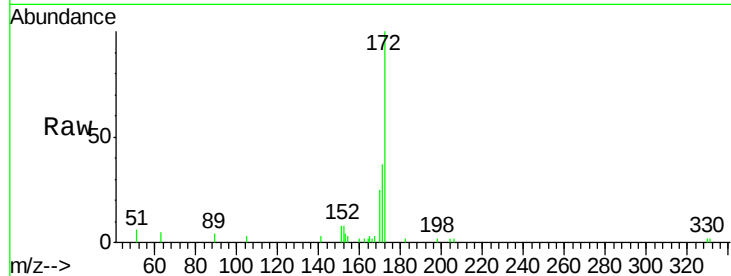




#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 12.75 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BN011162.D
Acq: 14 Jul 2020 16:52

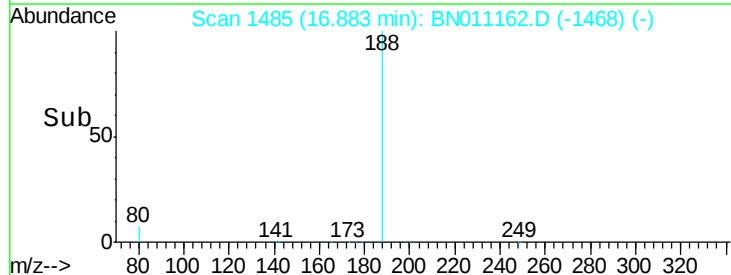
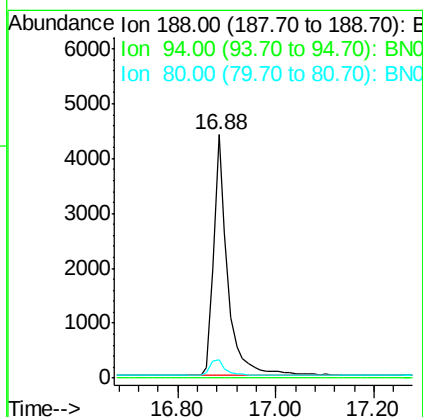
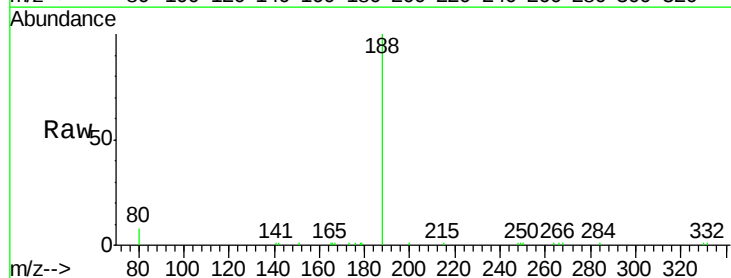
Instrument :
BNA_N
ClientSampleId :
PB130138BL

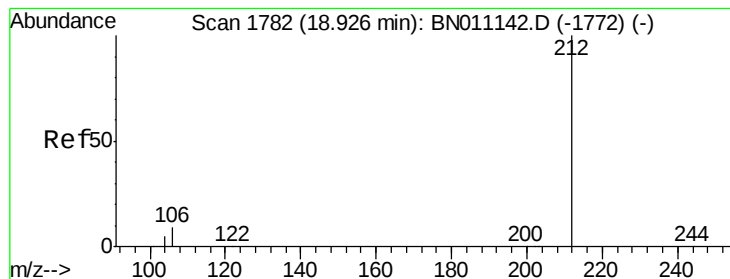
Tot Ion:172 Resp: 4602
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 24.7 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.88 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BN011162.D
Acq: 14 Jul 2020 16:52

Tgt Ion:188 Resp: 8768
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.3 9.5





#27

Fluoranthene-d10

Concen: 0.271 ng

RT: 18.92 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampleId :

PB130138BL

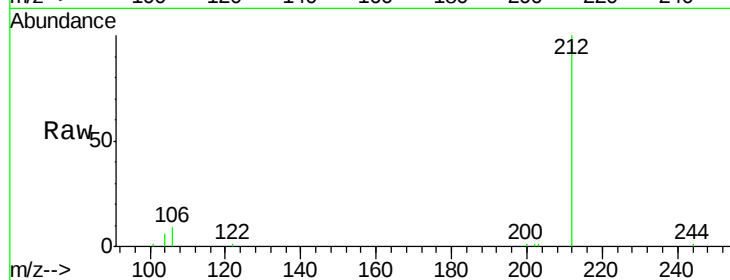
Tot Ion:212 Resp: 7494

Ion Ratio Lower Upper

212 100

106 8.2 7.0 10.6

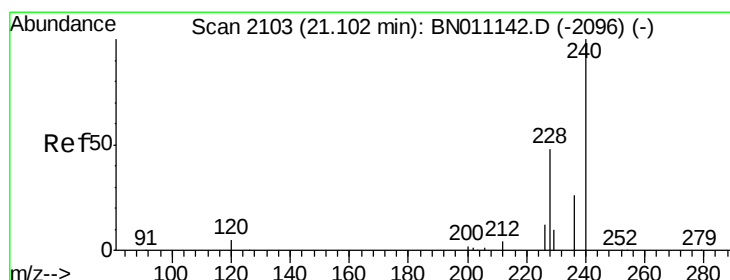
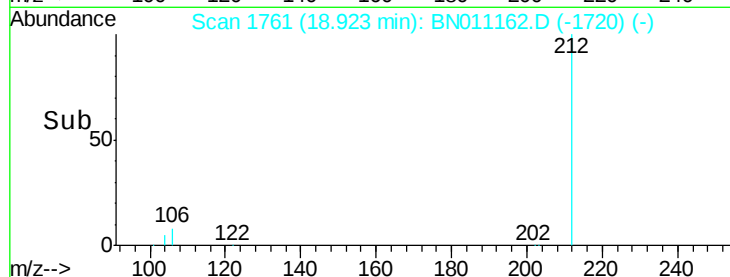
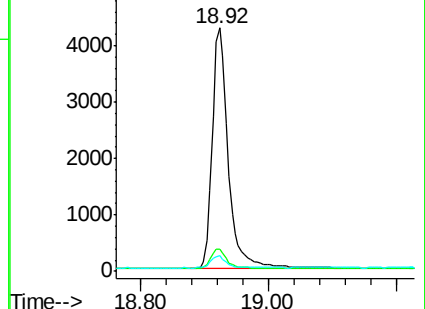
104 4.7 4.2 6.4



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.10 min Scan# 2082

Delta R.T. 0.01 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

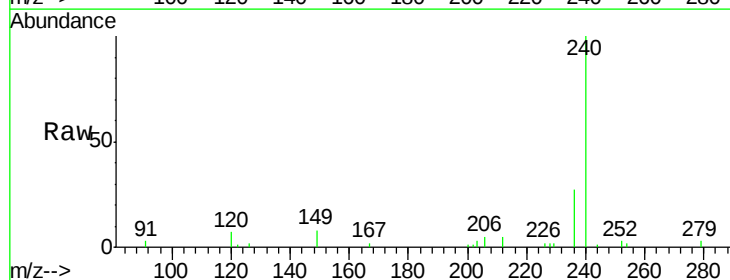
Tgt Ion:240 Resp: 7008

Ion Ratio Lower Upper

240 100

120 7.3 6.5 9.7

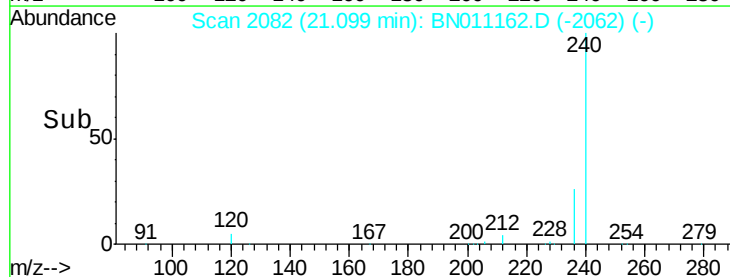
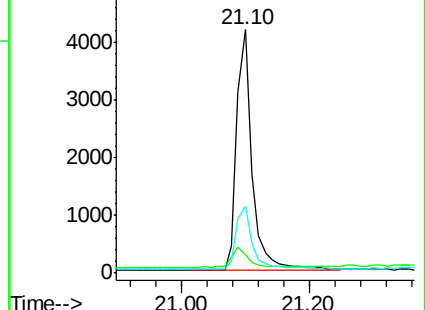
236 27.4 21.9 32.9

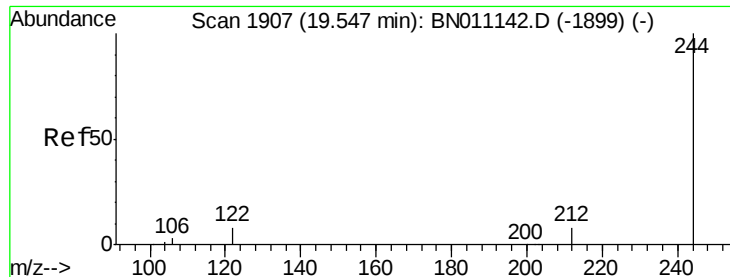


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.345 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampleId :

PB130138BL

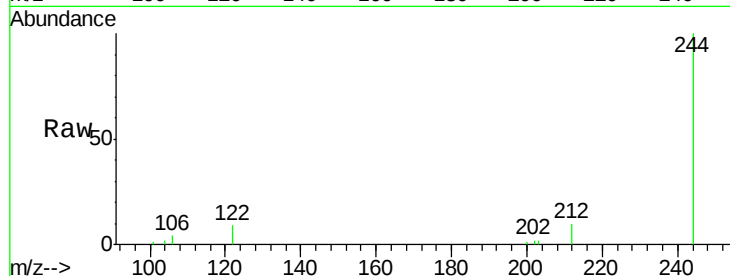
Tot Ion:244 Resp: 6289

Ion Ratio Lower Upper

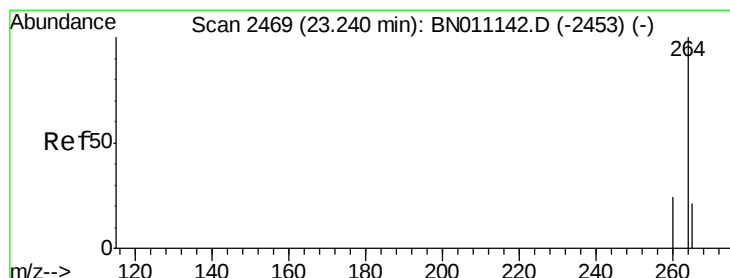
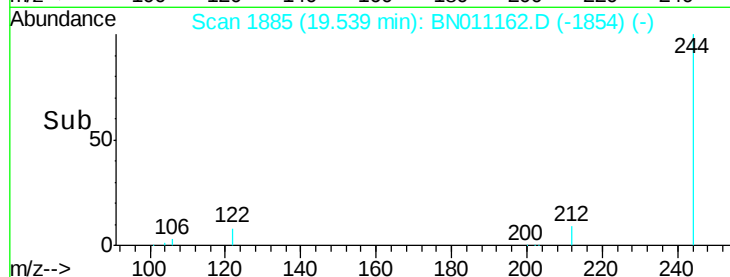
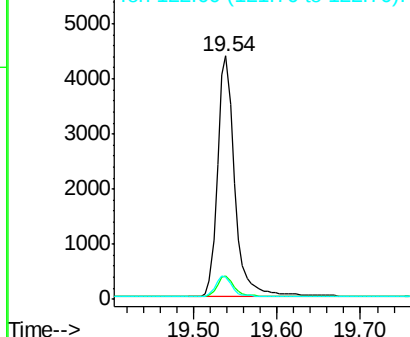
244 100

212 9.8 7.8 11.6

122 8.9 7.4 11.0



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.23 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

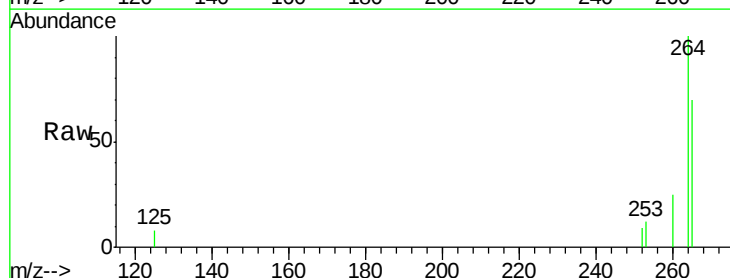
Tgt Ion:264 Resp: 7105

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 70.2 76.6 115.0#



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

