

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070720\
 Data File : BN011115.D
 Acq On : 07 Jul 2020 14:44
 Operator : CG/JU
 Sample : PB129932BL
 Misc : MDL-WTR-PBBL-07
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129932BL

Quant Time: Jul 07 15:16:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 14:39:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2049	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	5691	0.40	ng	0.03
13) Acenaphthene-d10	14.14	164	2905	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	5983	0.40	ng	0.02
29) Chrysene-d12	21.11	240	5185	0.40	ng	0.01
36) Perylene-d12	23.24	264	5400	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1273	0.25	ng	0.00
5) Phenol-d6	6.73	99	1139	0.19	ng	0.00
8) Nitrobenzene-d5	8.68	82	1385	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	11.89	152	3467	0.35	ng	0.03
14) 2,4,6-Tribromophenol	15.68	330	299	0.25	ng	0.04
15) 2-Fluorobiphenyl	12.77	172	3604	0.26	ng	0.03
27) Fluoranthene-d10	18.94	212	7360	0.41	ng	0.00
31) Terphenyl-d14	19.55	244	5252	0.39	ng	0.00

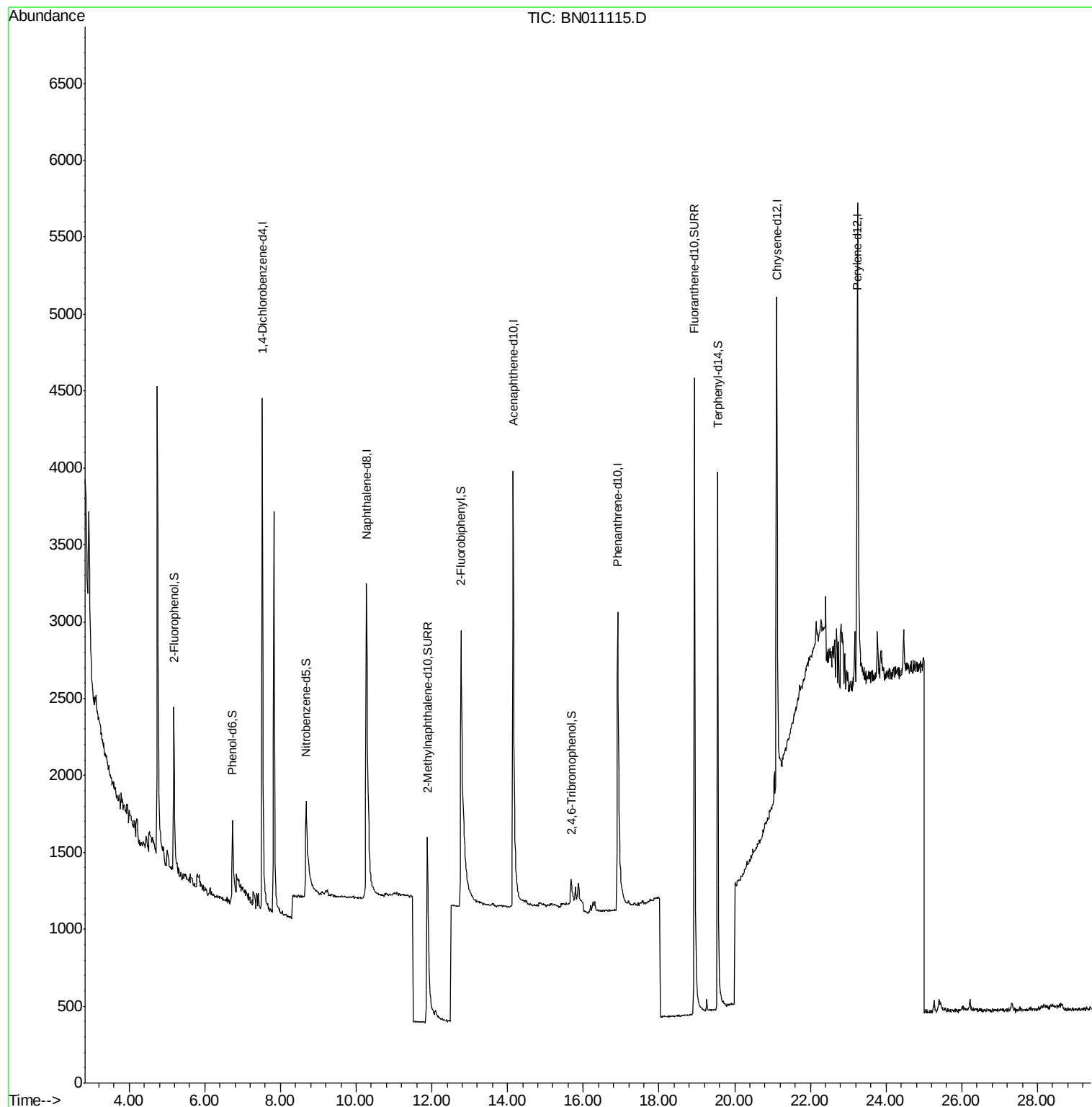
Target Compounds	Qvalue
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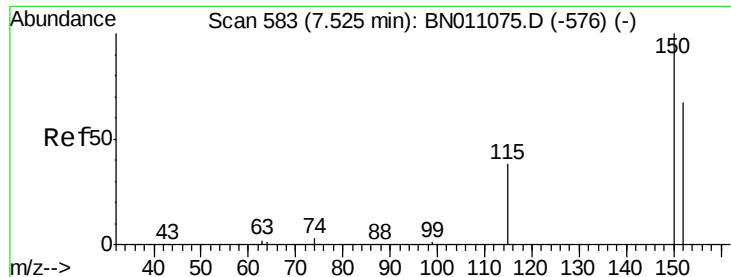
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
ClientSampleId :
PB129932BL

Quant Time: Jul 07 15:16:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 14:39:07 2020
Response via : Initial Calibration



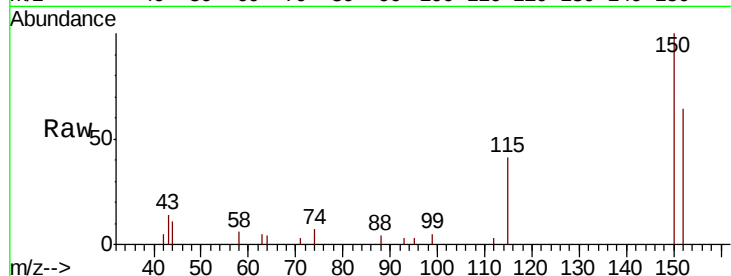


#1

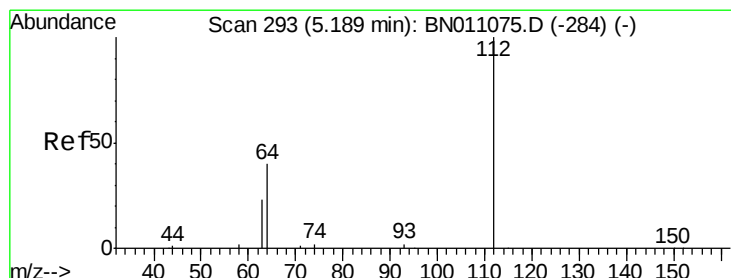
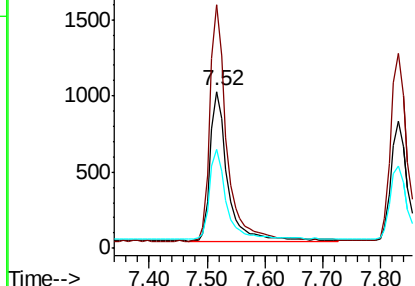
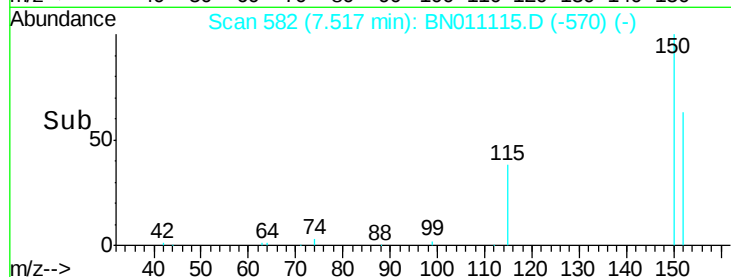
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.00 min
Lab File: BN011115.D
Acq: 07 Jul 2020 14:44

Instrument :
BNA_N
ClientSampleId :
PB129932BL

Tot Ion:152 Resp: 2049
Ion Ratio Lower Upper
152 100
150 155.0 117.4 176.0
115 63.3 47.9 71.9



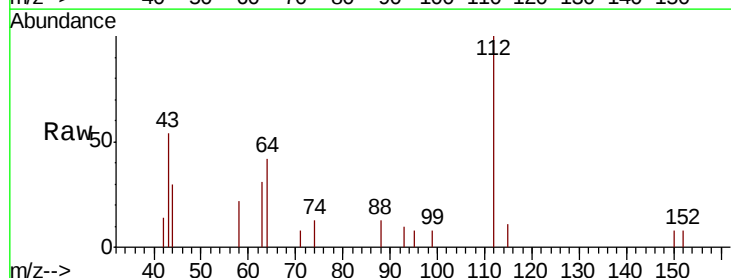
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



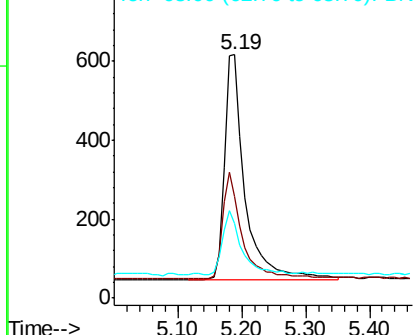
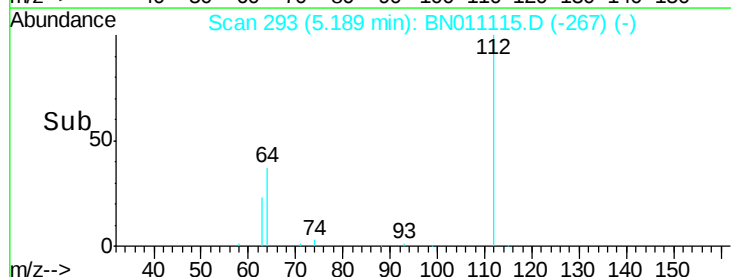
#4

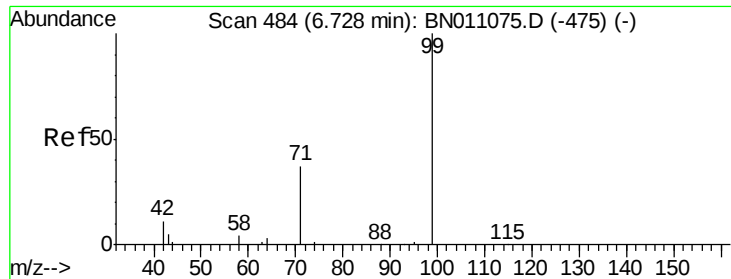
2-Fluorophenol
Concen: 0.250 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011115.D
Acq: 07 Jul 2020 14:44

Tgt Ion:112 Resp: 1273
Ion Ratio Lower Upper
112 100
64 44.9 36.5 54.7
63 26.5 20.6 30.8



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: 0.194 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.01 min

Lab File: BN011115.D

Acq: 07 Jul 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB129932BL

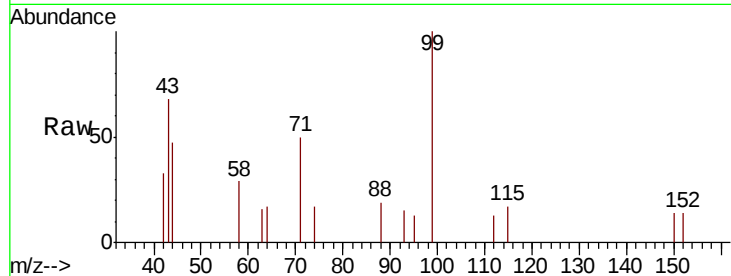
Tot Ion: 99 Resp: 1139

Ion Ratio Lower Upper

99 100

42 13.3 9.8 14.8

71 41.6 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011115.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN011115.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN011115.D (-471) (-)

6.73

400

300

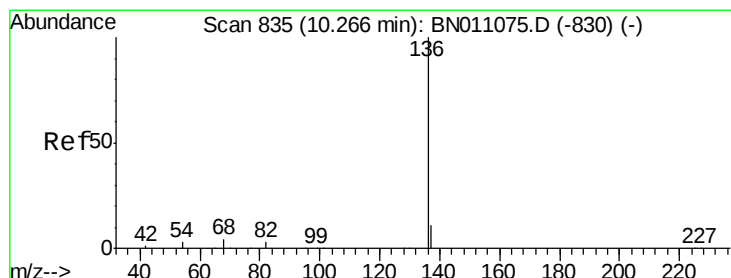
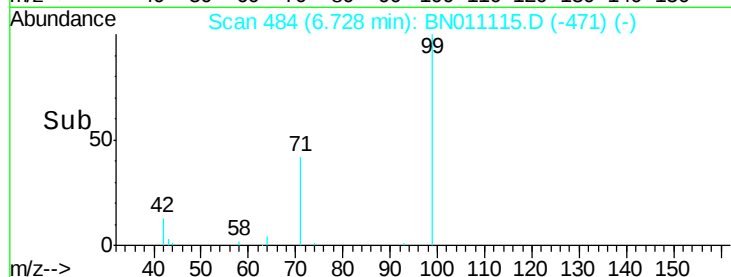
200

100

0

6.60 6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.03 min

Lab File: BN011115.D

Acq: 07 Jul 2020 14:44

Tgt Ion: 136 Resp: 5691

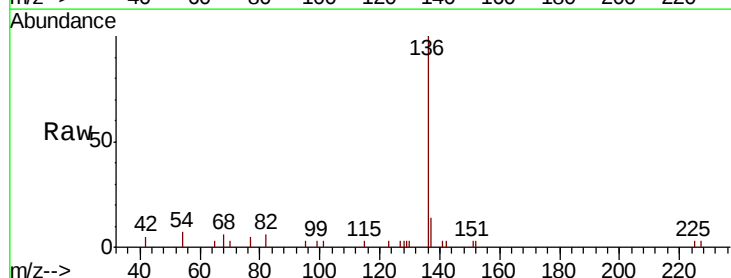
Ion Ratio Lower Upper

136 100

137 14.1 9.6 14.4

54 6.7 3.8 5.6#

68 6.4 4.3 6.5



Abundance Ion 136.00 (135.70 to 136.70): BN011115.D (-818) (-)

Ion 137.00 (136.70 to 137.70): BN011115.D (-818) (-)

Ion 54.00 (53.70 to 54.70): BN011115.D (-818) (-)

Ion 68.00 (67.70 to 68.70): BN011115.D (-818) (-)

10.28

2500

2000

1500

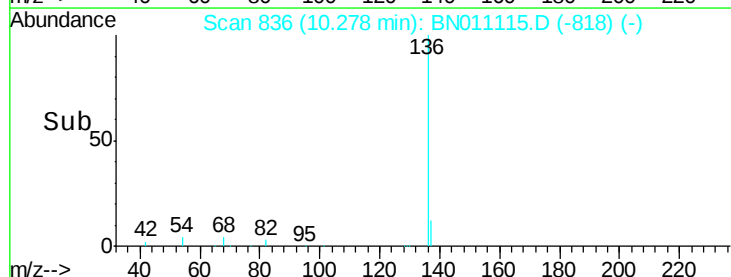
1000

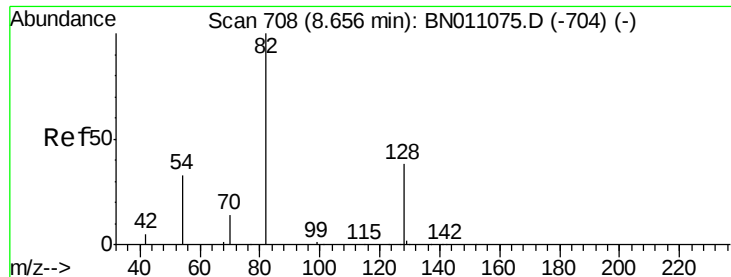
500

0

10.10 10.20 10.30 10.40

Time-->





#8

Nitrobenzene-d5

Concen: 0.286 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.03 min

Lab File: BN011115.D

Acq: 07 Jul 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB129932BL

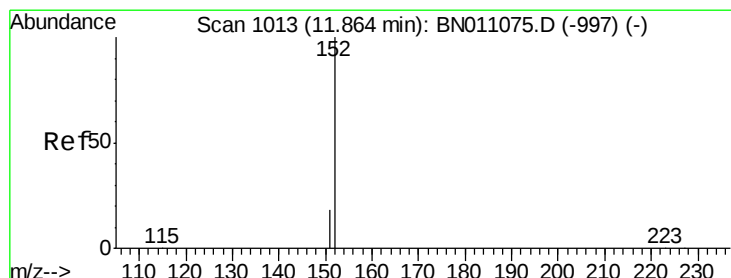
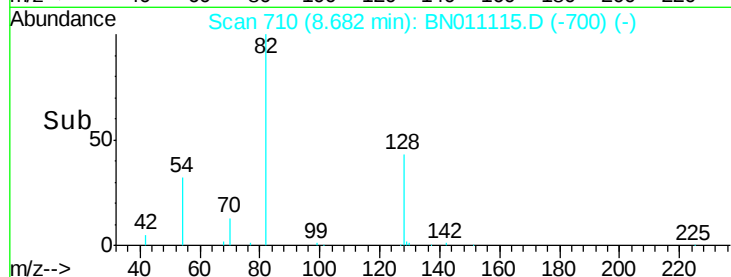
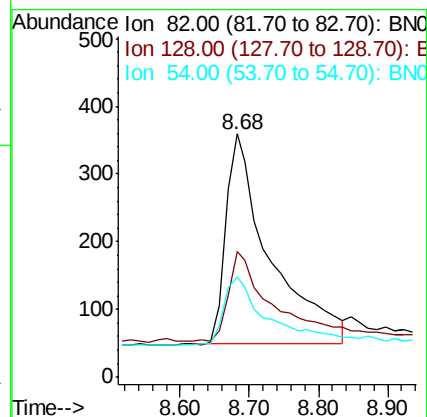
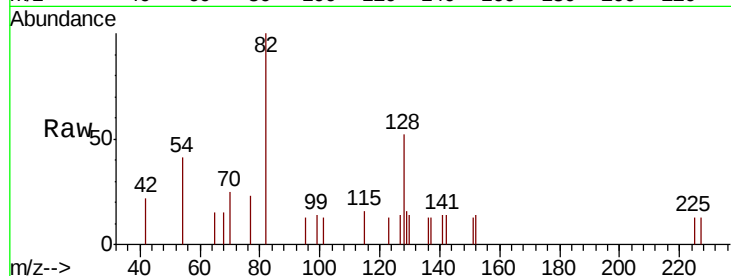
Tot Ion: 82 Resp: 1385

Ion Ratio Lower Upper

82 100

128 51.5 34.2 51.2#

54 41.2 29.4 44.0



#11

2-Methylnaphthalene-d10

Concen: 0.352 ng

RT: 11.89 min Scan# 1018

Delta R.T. 0.03 min

Lab File: BN011115.D

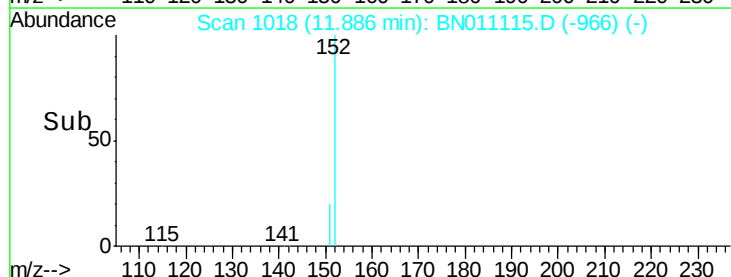
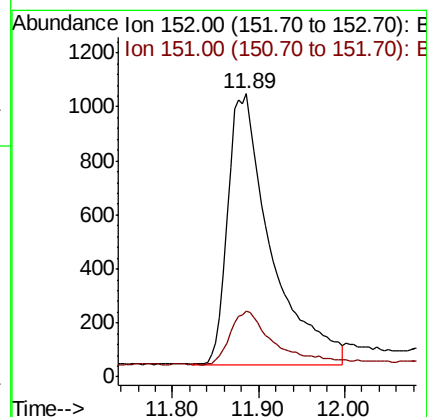
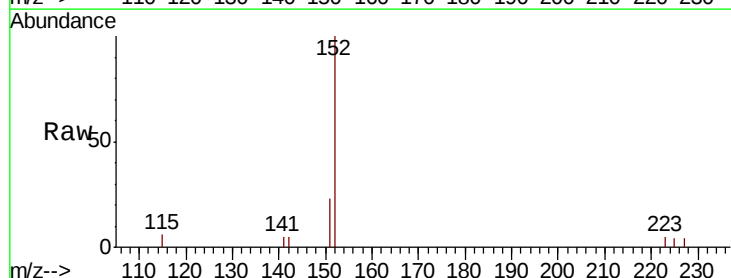
Acq: 07 Jul 2020 14:44

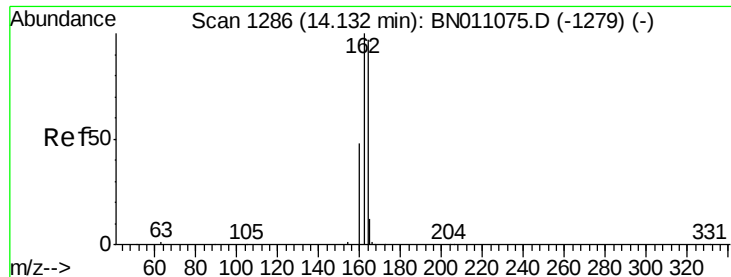
Tgt Ion: 152 Resp: 3467

Ion Ratio Lower Upper

152 100

151 20.2 16.6 24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011115.D

Acq: 07 Jul 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB129932BL

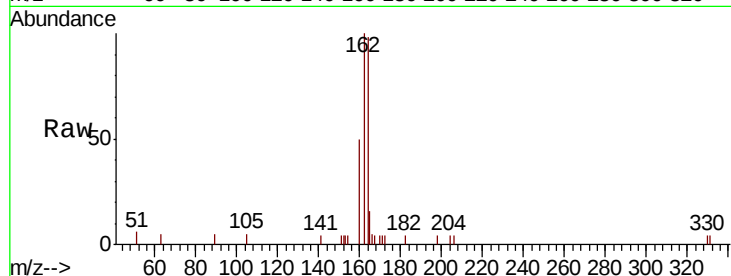
Tot Ion:164 Resp: 2905

Ion Ratio Lower Upper

164 100

162 102.5 82.3 123.5

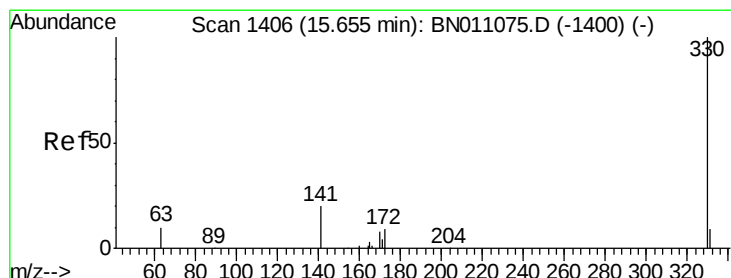
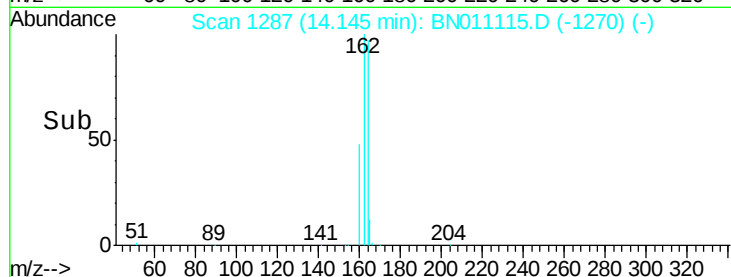
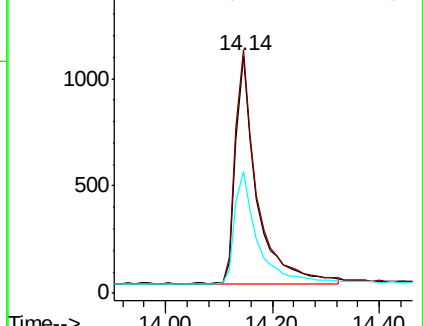
160 51.5 40.6 61.0



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: 0.245 ng

RT: 15.68 min Scan# 1408

Delta R.T. 0.04 min

Lab File: BN011115.D

Acq: 07 Jul 2020 14:44

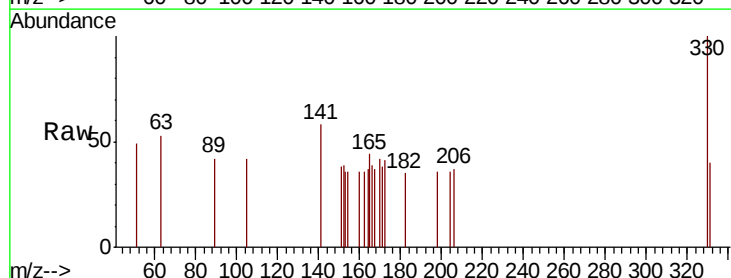
Tgt Ion:330 Resp: 299

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

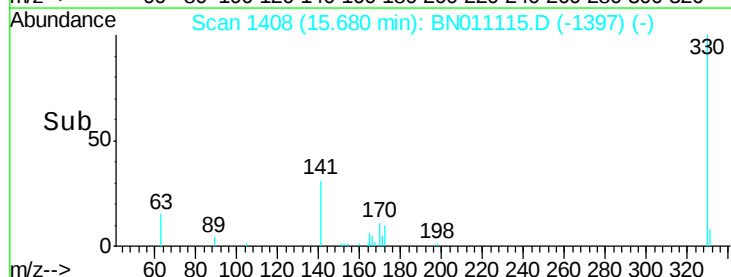
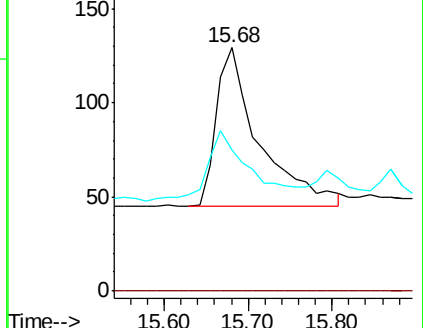
141 43.5 32.6 49.0

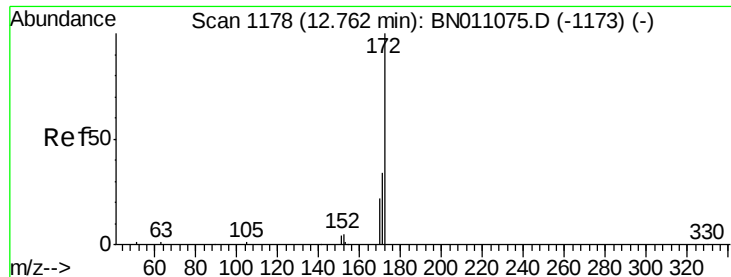


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

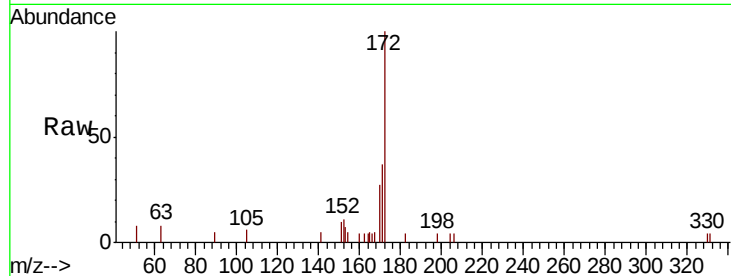




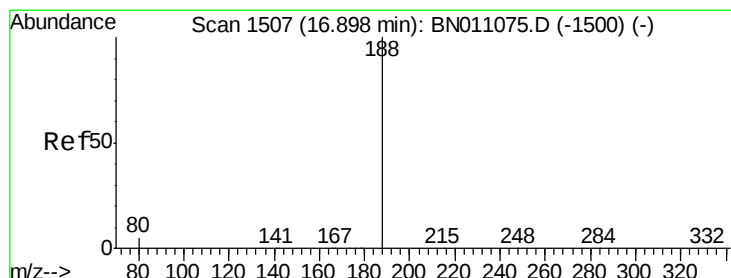
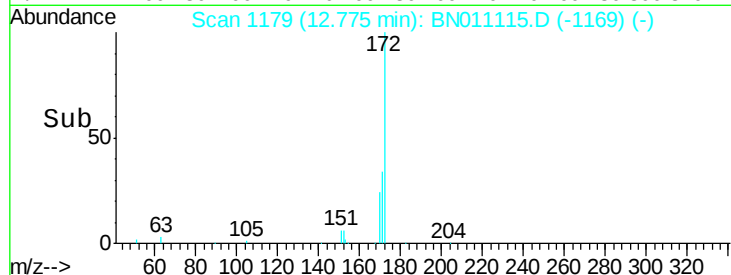
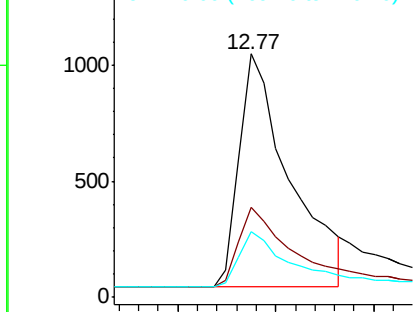
#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BN011115.D
Acq: 07 Jul 2020 14:44

Instrument :
BNA_N
ClientSampleId :
PB129932BL

Tot Ion:172 Resp: 3604
Ion Ratio Lower Upper
172 100
171 36.7 27.9 41.9
170 27.0 18.7 28.1

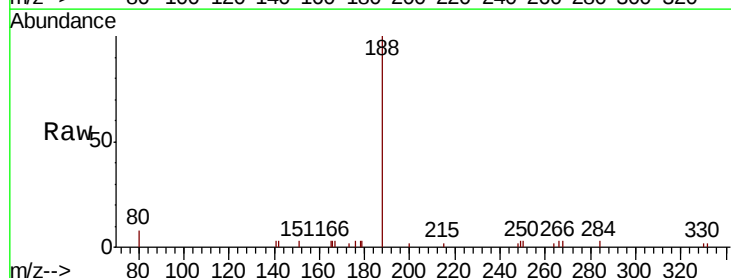


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

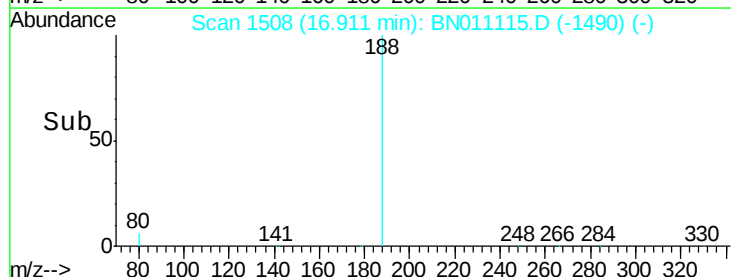
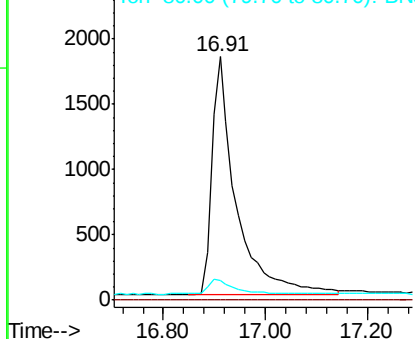


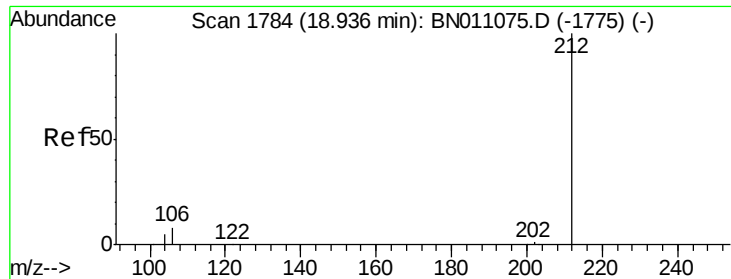
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1508
Delta R.T. 0.02 min
Lab File: BN011115.D
Acq: 07 Jul 2020 14:44

Tgt Ion:188 Resp: 5983
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 5.3 7.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC





#27

Fluoranthene-d10

Concen: 0.407 ng

RT: 18.94 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BN011115.D

Acq: 07 Jul 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB129932BL

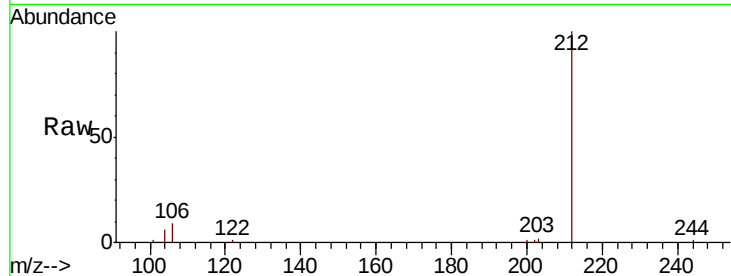
Tot Ion:212 Resp: 7360

Ion Ratio Lower Upper

212 100

106 7.6 7.1 10.7

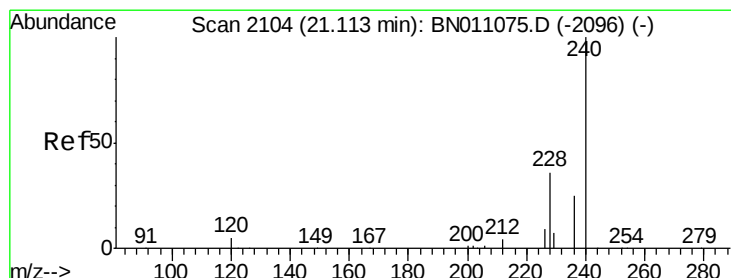
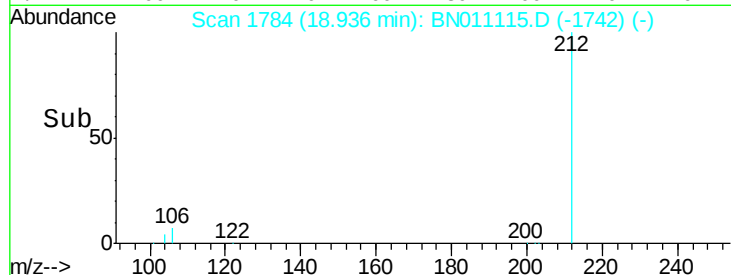
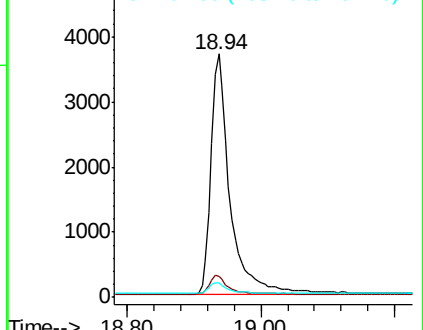
104 4.5 4.2 6.4



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: 21.11 min Scan# 2104

Delta R.T. 0.01 min

Lab File: BN011115.D

Acq: 07 Jul 2020 14:44

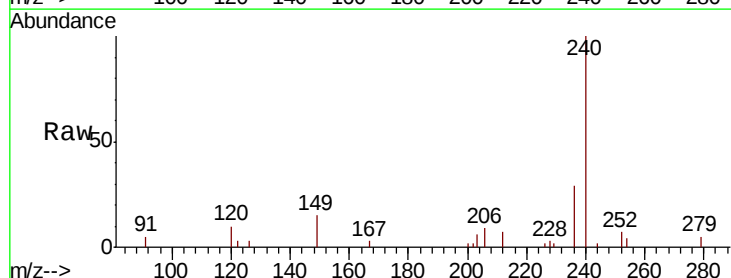
Tgt Ion:240 Resp: 5185

Ion Ratio Lower Upper

240 100

120 9.5 6.5 9.7

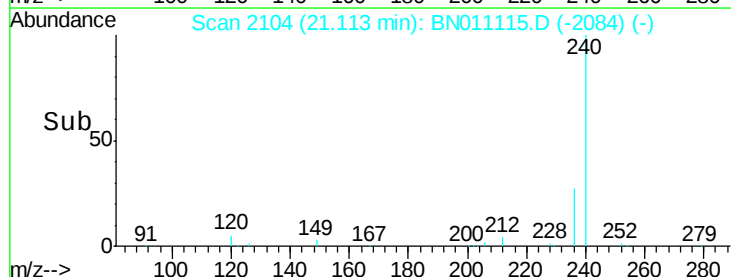
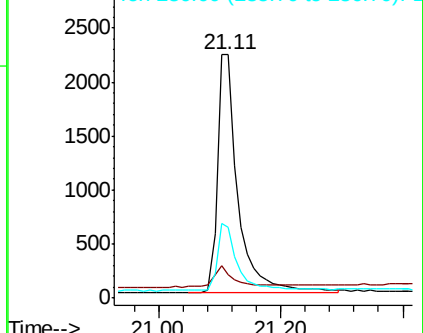
236 29.3 21.9 32.9

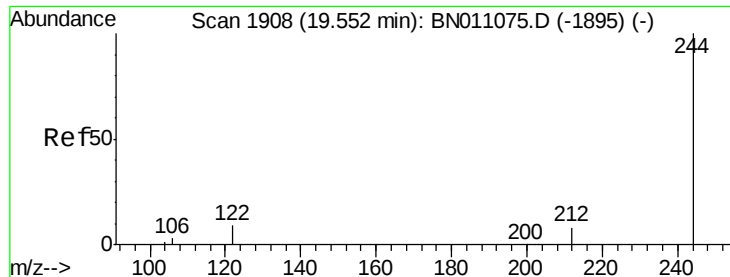


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.389 ng

RT: 19.55 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN011115.D

Acq: 07 Jul 2020 14:44

Instrument :

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PB129932BL

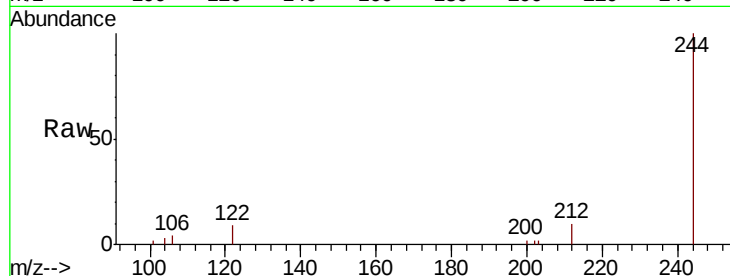
Tot Ion:244 Resp: 5252

Ion Ratio Lower Upper

244 100

212 10.3 7.5 11.3

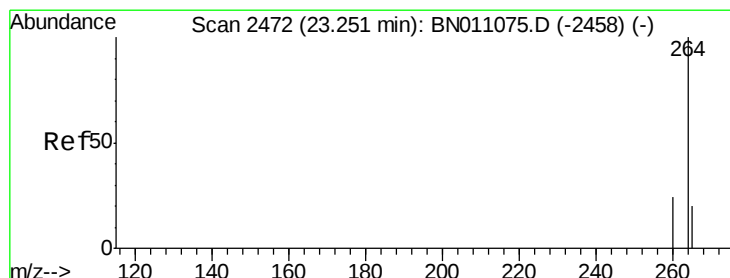
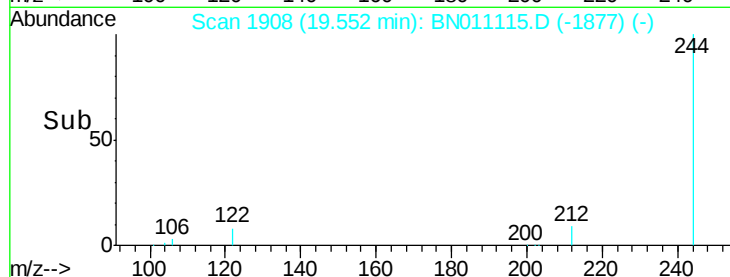
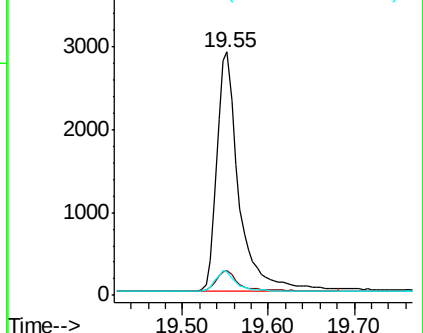
122 9.5 8.2 12.4



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.24 min Scan# 2470

Delta R.T. -0.00 min

Lab File: BN011115.D

Acq: 07 Jul 2020 14:44

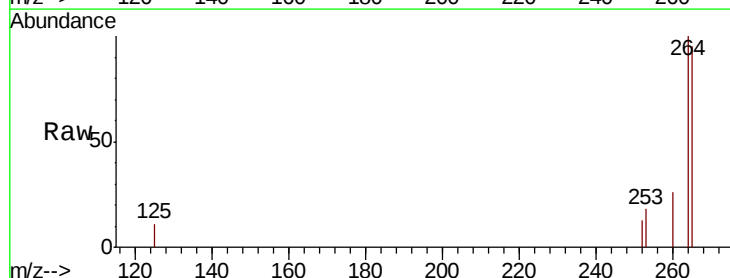
Tgt Ion:264 Resp: 5400

Ion Ratio Lower Upper

264 100

260 26.1 20.4 30.6

265 94.7 83.0 124.6



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

