

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010822.D
 Acq On : 10 Jun 2020 18:03
 Operator : CG/JU
 Sample : PB129352BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129352BL

Quant Time: Jun 10 18:40:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1926	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	5943	0.40	ng	0.01
13) Acenaphthene-d10	14.19	164	3329	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	6962	0.40	ng	0.00
27) Chrysene-d12	21.13	240	6363	0.40	ng	0.00
34) Perylene-d12	23.29	264	6572	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1158	0.31	ng	0.00
5) Phenol-d6	6.76	99	1205	0.28	ng	0.00
8) Nitrobenzene-d5	8.72	82	1328	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	11.93	152	3016	0.33	ng	0.02
14) 2,4,6-Tribromophenol	15.70	330	346	0.29	ng	0.02
15) 2-Fluorobiphenyl	12.82	172	3970	0.30	ng	0.02
25) Fluoranthene-d10	18.97	212	6262	0.33	ng	0.00
29) Terphenyl-d14	19.58	244	5125	0.34	ng	0.00

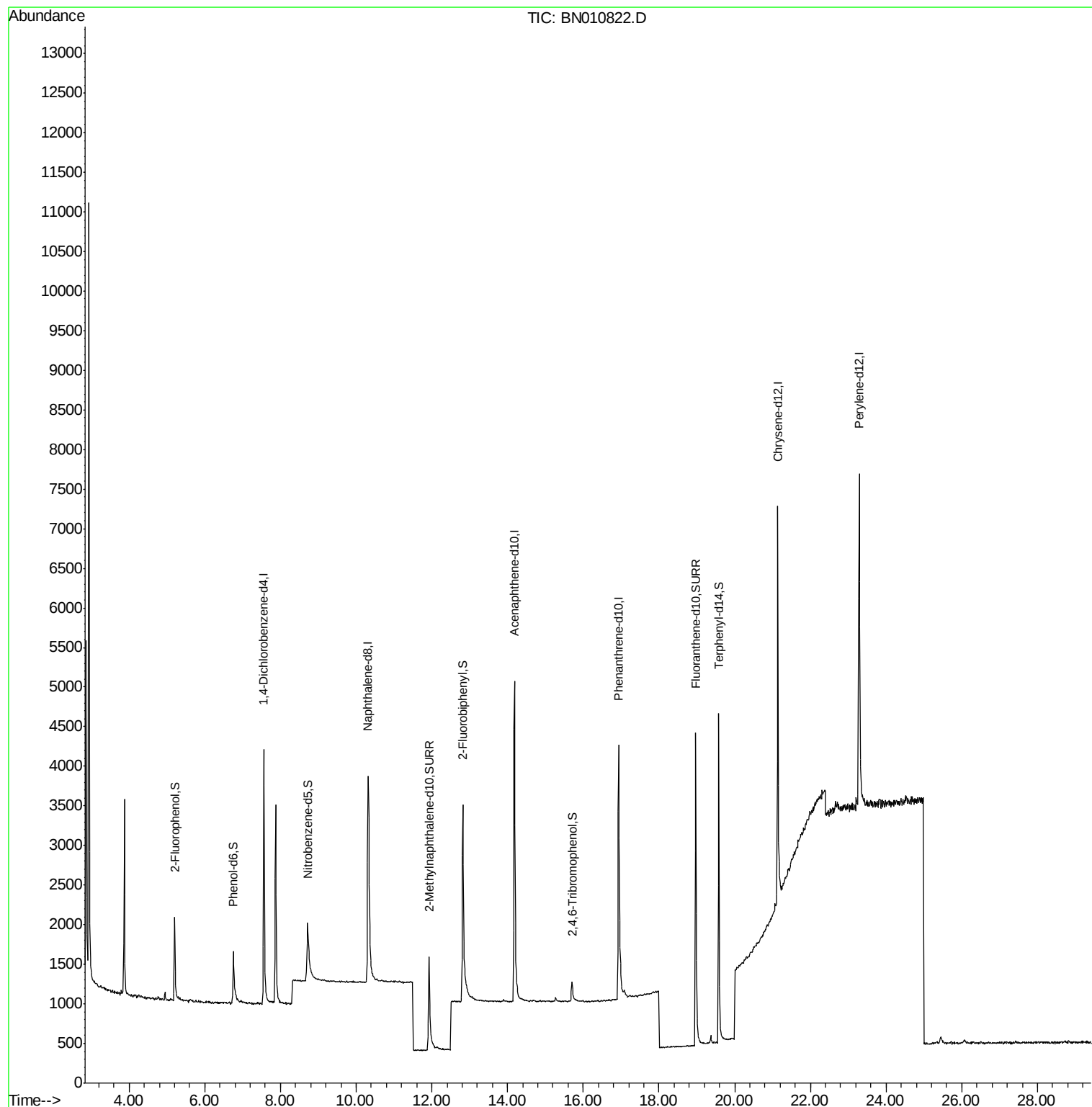
Target Compounds	Qvalue
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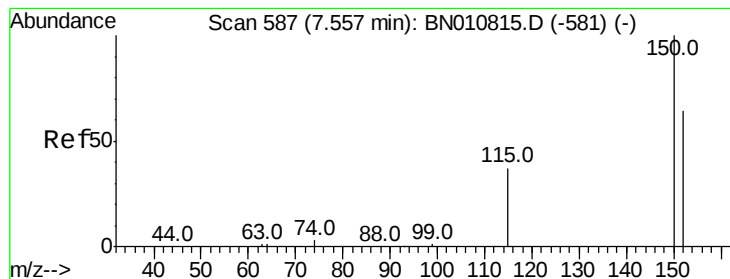
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 587

Delta R.T. 0.00 min

Lab File: BN010822.D

Acq: 10 Jun 2020 18:03

Instrument :

BNA_N

ClientSampleId :

PB129352BL

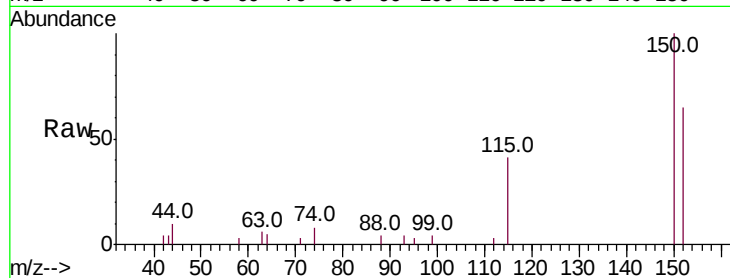
Tot Ion:152 Resp: 1926

Ion Ratio Lower Upper

152 100

150 153.1 123.8 185.6

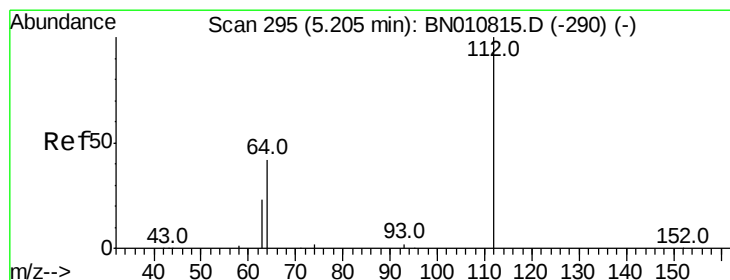
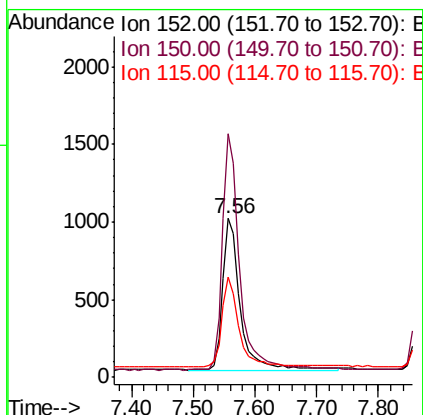
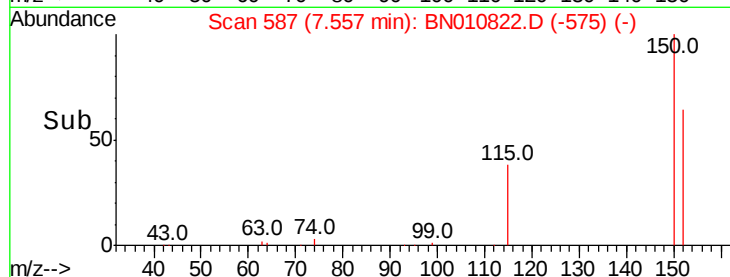
115 63.0 49.2 73.8



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: 0.311 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN010822.D

Acq: 10 Jun 2020 18:03

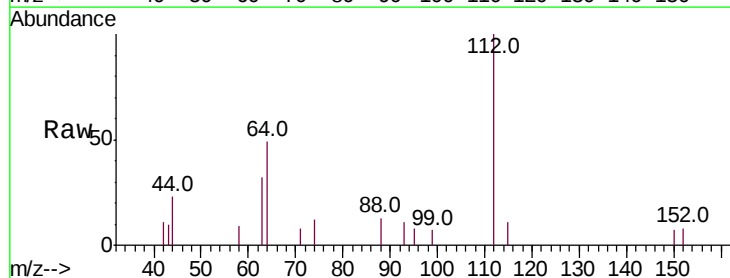
Tgt Ion:112 Resp: 1158

Ion Ratio Lower Upper

112 100

64 46.5 37.4 56.0

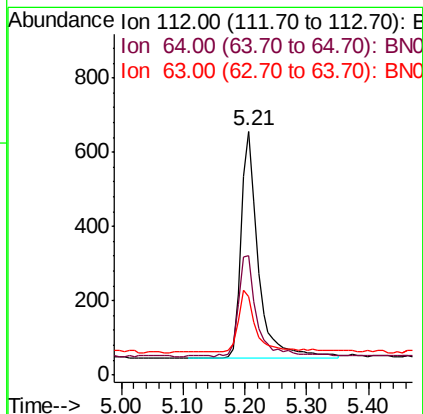
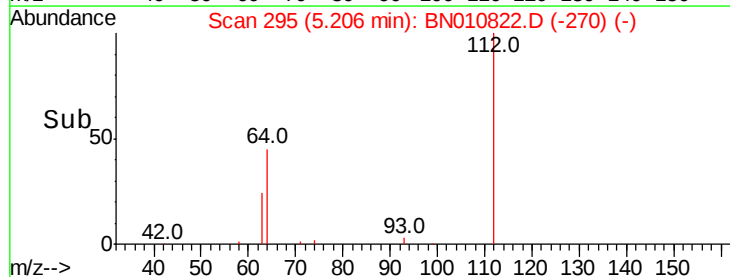
63 27.0 22.2 33.4

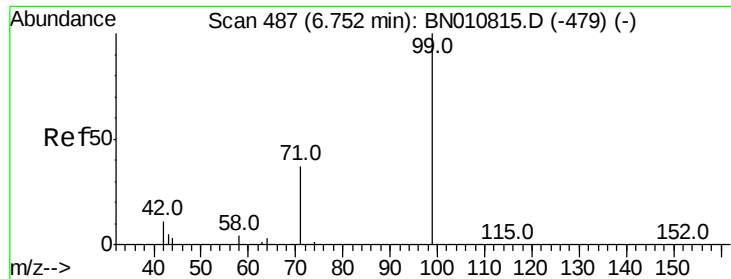


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.275 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.01 min

Lab File: BN010822.D

Acq: 10 Jun 2020 18:03

Instrument :

BNA_N

ClientSampleId :

PB129352BL

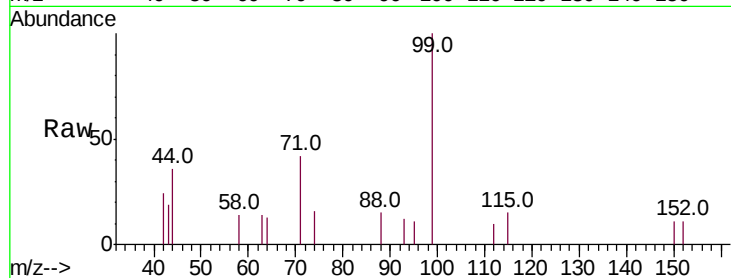
Tot Ion: 99 Resp: 1205

Ion Ratio Lower Upper

99 100

42 14.5 11.1 16.7

71 37.4 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010822.D (-822) (-)

Ion 42.00 (41.70 to 42.70): BN010822.D (-822) (-)

Ion 71.00 (70.70 to 71.70): BN010822.D (-822) (-)

600

500

400

300

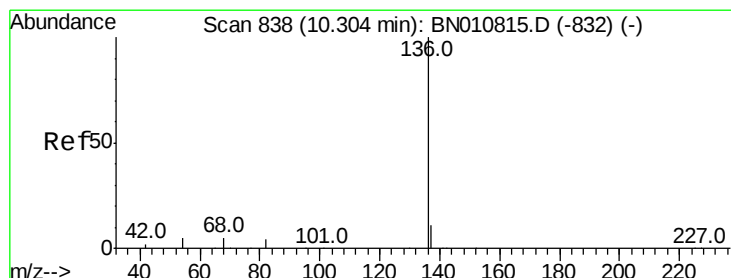
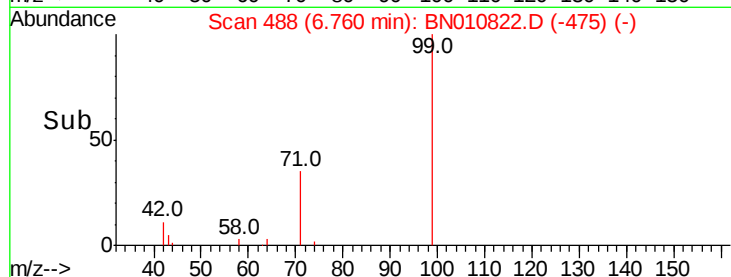
200

100

0

6.60 6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.01 min

Lab File: BN010822.D

Acq: 10 Jun 2020 18:03

Tgt Ion: 136 Resp: 5943

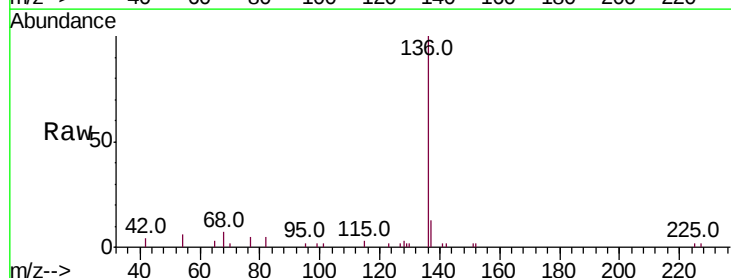
Ion Ratio Lower Upper

136 100

137 13.0 9.7 14.5

54 6.3 4.9 7.3

68 6.7 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): BN010822.D (-822) (-)

Ion 137.00 (136.70 to 137.70): BN010822.D (-822) (-)

Ion 54.00 (53.70 to 54.70): BN010822.D (-822) (-)

Ion 68.00 (67.70 to 68.70): BN010822.D (-822) (-)

3000

2500

2000

1500

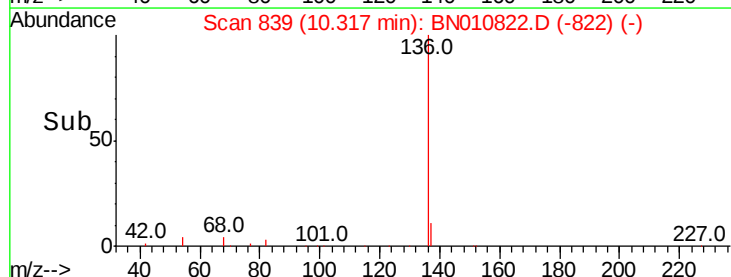
1000

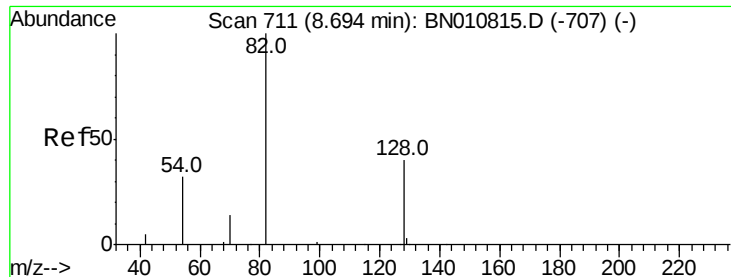
500

0

10.20 10.30 10.40 10.50

Time-->

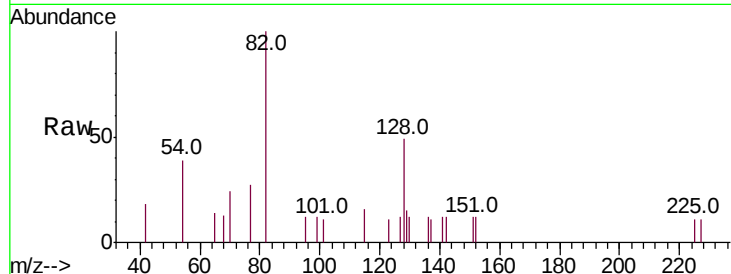




#8
 Nitrobenzene-d5
 Concen: 0.302 ng
 RT: 8.72 min Scan# 713
 Delta R.T. 0.03 min
 Lab File: BN010822.D
 Acq: 10 Jun 2020 18:03

Instrument :
 BNA_N
 ClientSampleId :
 PB129352BL

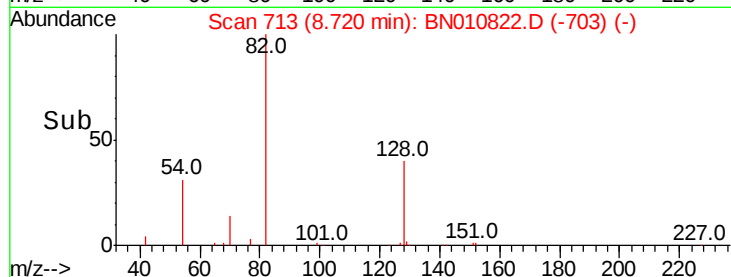
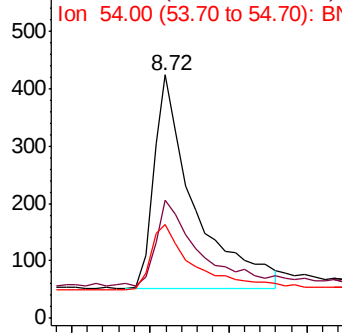
Tot Ion	82	Resp	1328
Ion Ratio	Lower	Upper	
82	100		
128	48.6	35.4	53.0
54	38.7	28.2	42.4



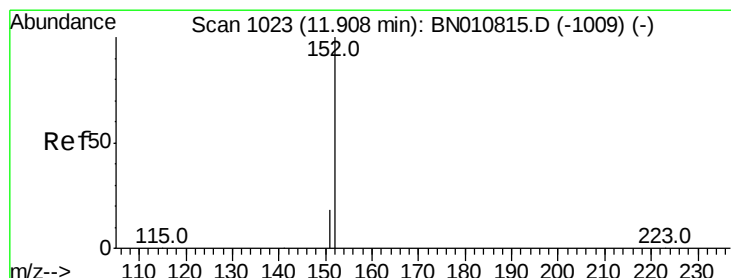
Abundance Ion 82.00 (81.70 to 82.70): BN010822.D (-978) (-)

Ion 128.00 (127.70 to 128.70): BN010822.D (-978) (-)

Ion 54.00 (53.70 to 54.70): BN010822.D (-978) (-)

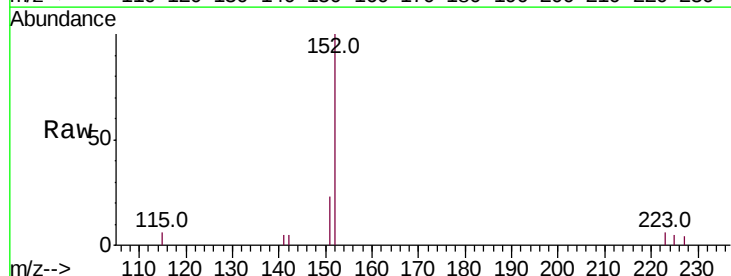


Time-->



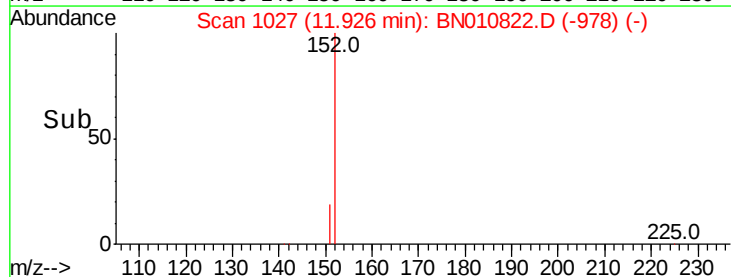
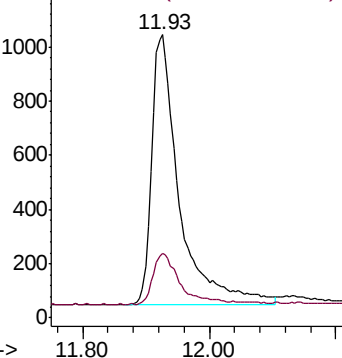
#11
 2-Methylnaphthalene-d10
 Concen: 0.327 ng
 RT: 11.93 min Scan# 1027
 Delta R.T. 0.02 min
 Lab File: BN010822.D
 Acq: 10 Jun 2020 18:03

Tgt Ion	152	Resp	3016
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.3	22.9

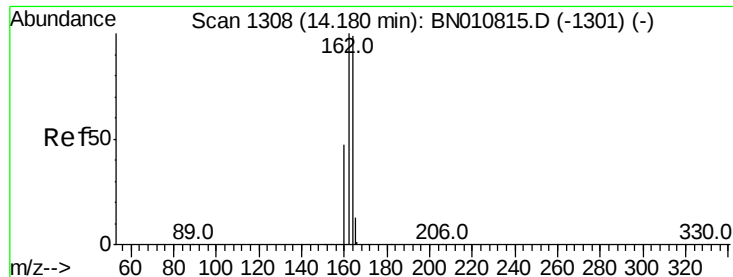


Abundance Ion 152.00 (151.70 to 152.70): BN010822.D (-978) (-)

Ion 151.00 (150.70 to 151.70): BN010822.D (-978) (-)



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BN010822.D

Acq: 10 Jun 2020 18:03

Instrument :

BNA_N

ClientSampleId :

PB129352BL

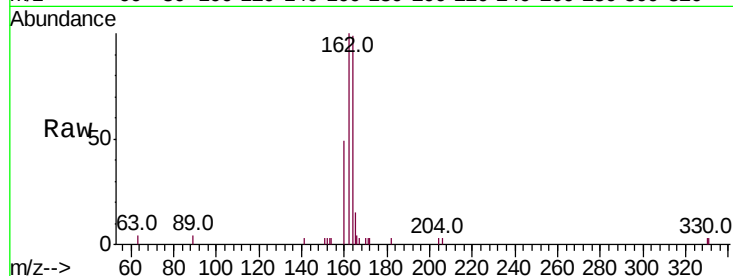
Tot Ion:164 Resp: 3329

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

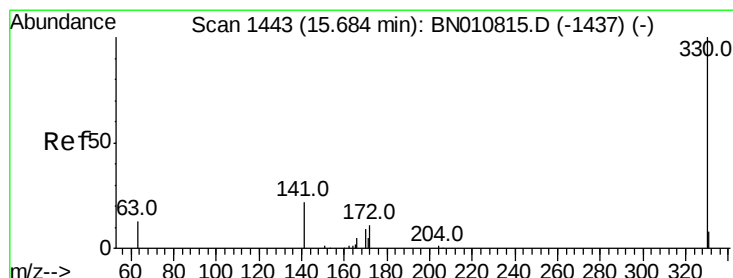
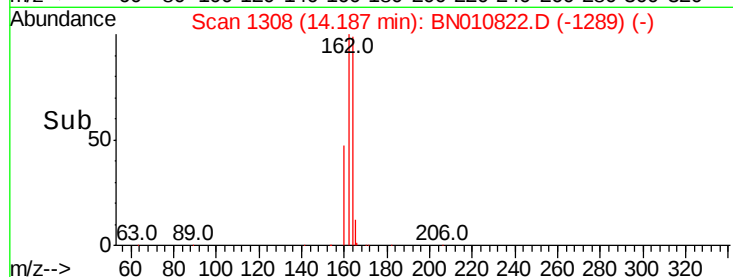
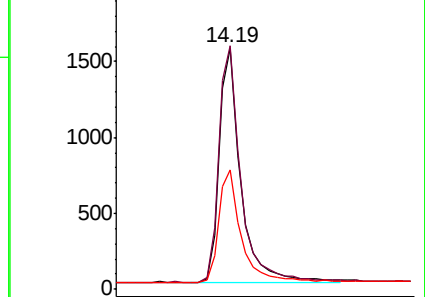
160 49.4 38.9 58.3



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: 0.291 ng

RT: 15.70 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BN010822.D

Acq: 10 Jun 2020 18:03

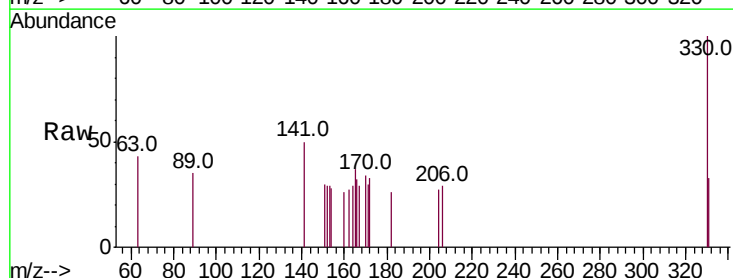
Tgt Ion:330 Resp: 346

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

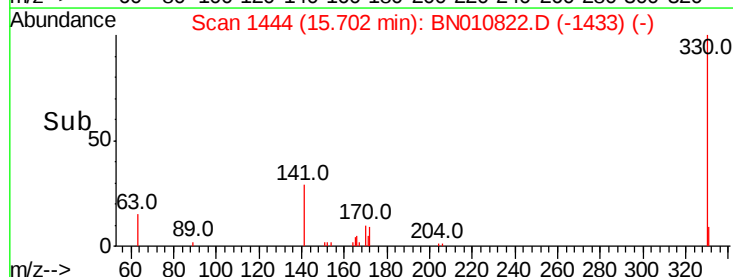
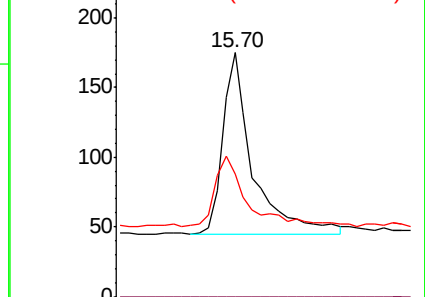
141 42.5 33.2 49.8

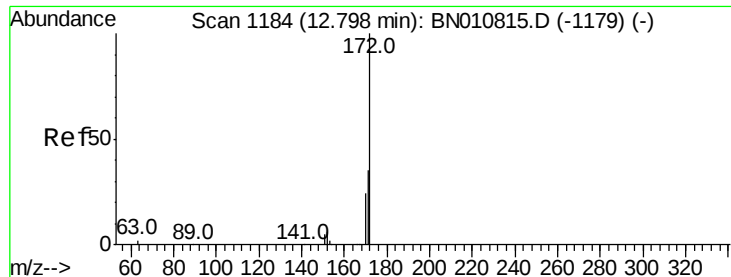


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

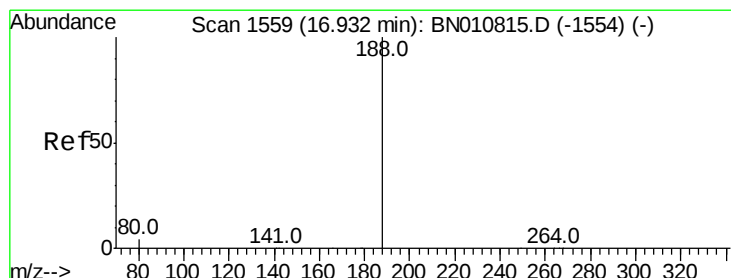
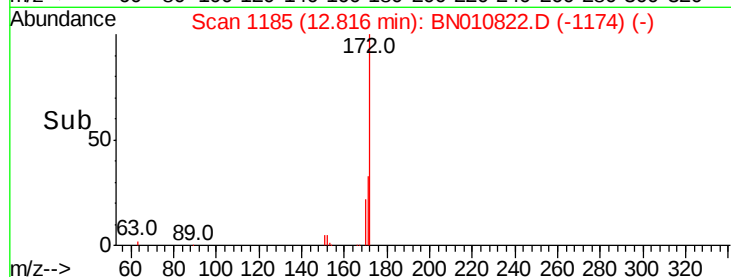
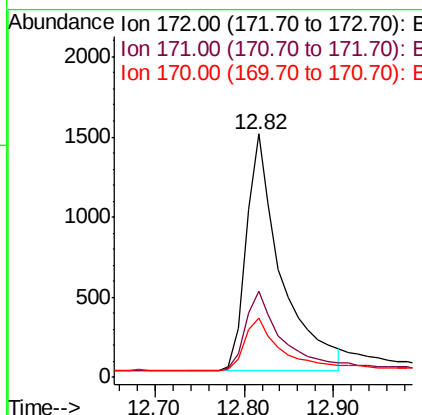
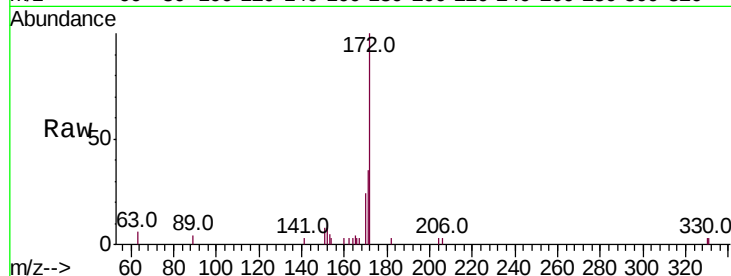




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.82 min Scan# 1185
Delta R.T. 0.02 min
Lab File: BN010822.D
Acq: 10 Jun 2020 18:03

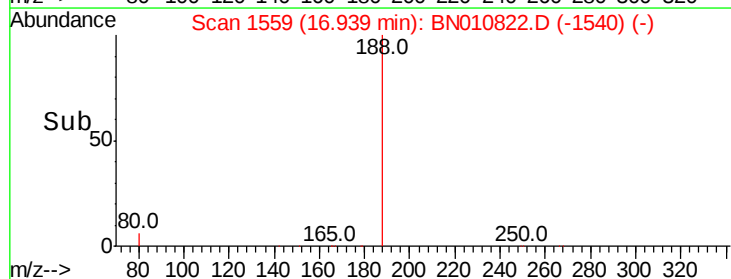
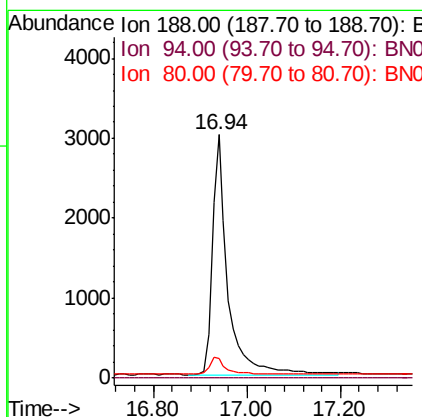
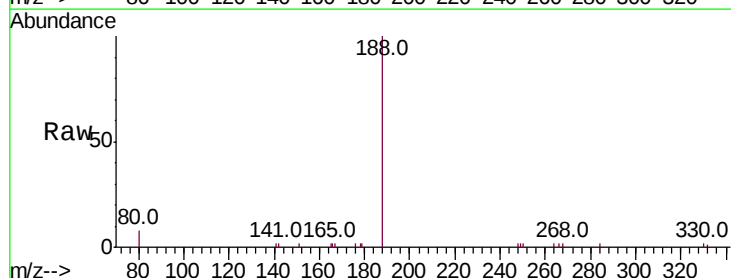
Instrument :
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PB129352BL

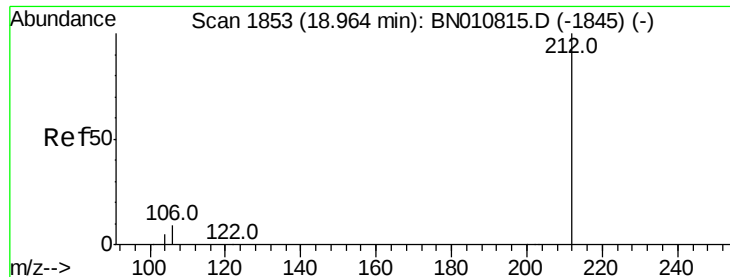
Tot Ion:172 Resp: 3970
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.2 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BN010822.D
Acq: 10 Jun 2020 18:03

Tgt Ion:188 Resp: 6962
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.326 ng

RT: 18.97 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BN010822.D

Acq: 10 Jun 2020 18:03

Instrument :

BNA_N

ClientSampleId :

PB129352BL

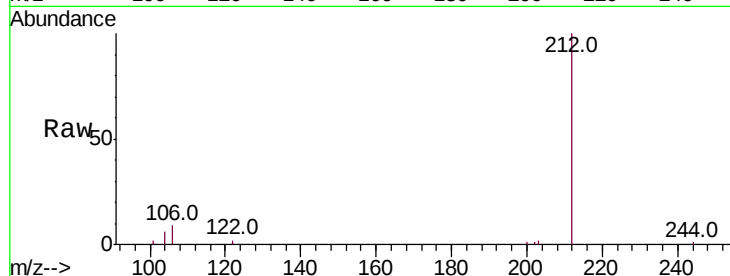
Tot Ion:212 Resp: 6262

Ion Ratio Lower Upper

212 100

106 8.5 6.6 10.0

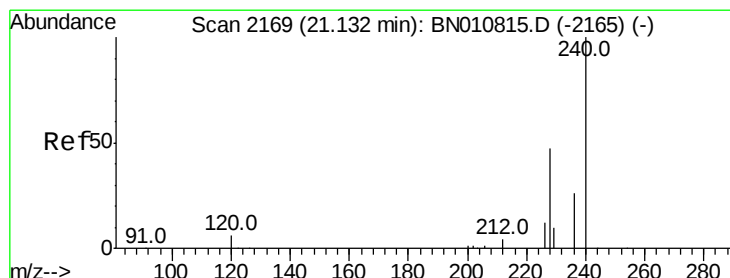
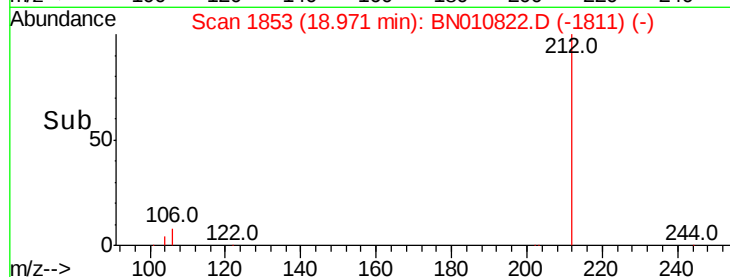
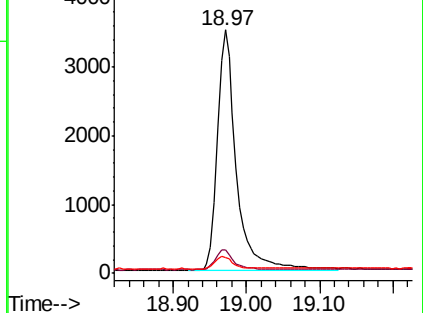
104 5.3 4.0 6.0



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: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010822.D

Acq: 10 Jun 2020 18:03

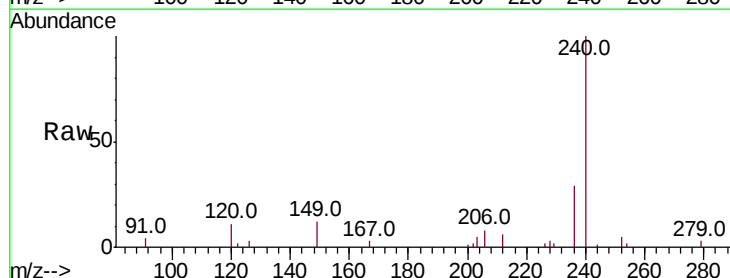
Tgt Ion:240 Resp: 6363

Ion Ratio Lower Upper

240 100

120 11.2 7.5 11.3

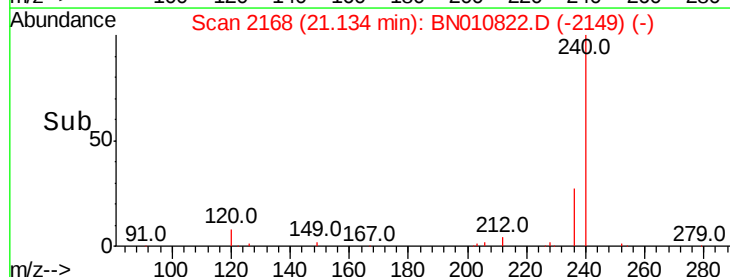
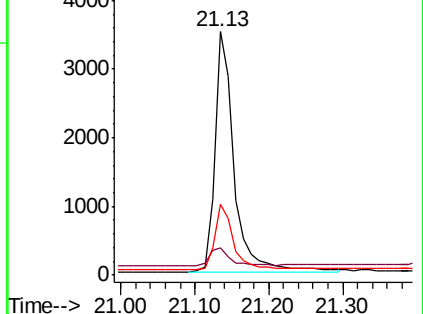
236 29.2 22.3 33.5

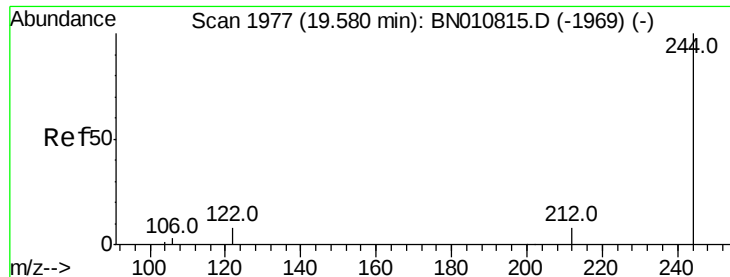


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.344 ng

RT: 19.58 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010822.D

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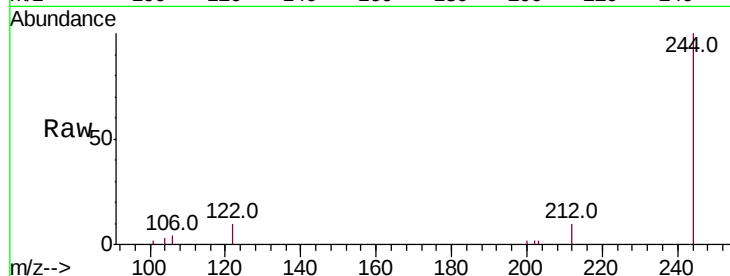
Tot Ion:244 Resp: 5125

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.2

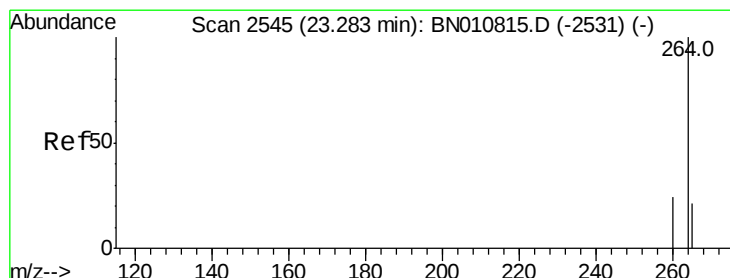
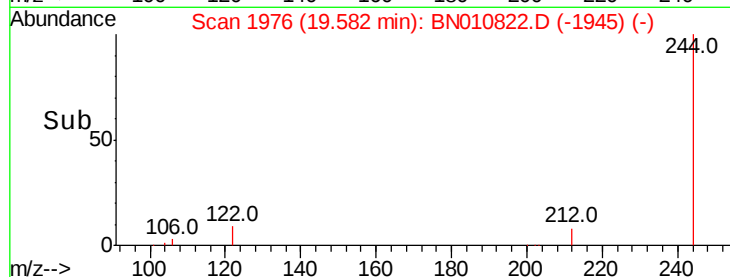
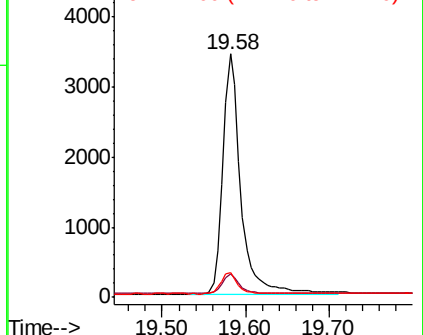
122 10.1 7.5 11.3



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: 23.29 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BN010822.D

Acq: 10 Jun 2020 18:03

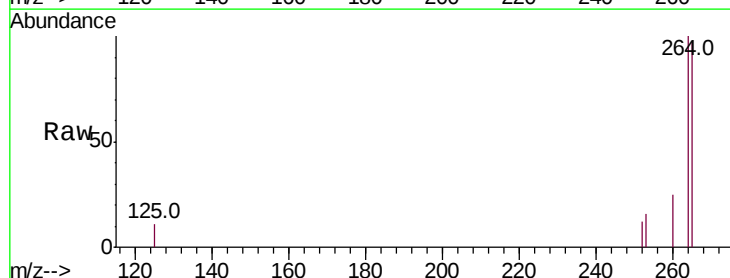
Tgt Ion:264 Resp: 6572

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 97.5 75.0 112.4



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

