

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072820\
 Data File : BN011281.D
 Acq On : 28 Jul 2020 15:42
 Operator : CG/JU
 Sample : PB130451BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130451BL

Quant Time: Jul 28 16:15:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 14:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1756	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5632	0.40	ng	0.01
13) Acenaphthene-d10	14.12	164	3216	0.40	ng	0.01
19) Phenanthrene-d10	16.88	188	6272	0.40	ng	0.02
29) Chrysene-d12	21.10	240	4955	0.40	ng	0.01
36) Perylene-d12	23.23	264	5135	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.14	112	1672	0.36	ng	0.00
5) Phenol-d6	6.68	99	1577	0.28	ng	0.00
8) Nitrobenzene-d5	8.64	82	1760	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	11.85	152	2825	0.27	ng	0.02
14) 2,4,6-Tribromophenol	15.65	330	309	0.21	ng	0.04
15) 2-Fluorobiphenyl	12.73	172	4969	0.36	ng	0.01
27) Fluoranthene-d10	18.92	212	5689	0.30	ng	0.01
31) Terphenyl-d14	19.53	244	5785	0.39	ng	0.00

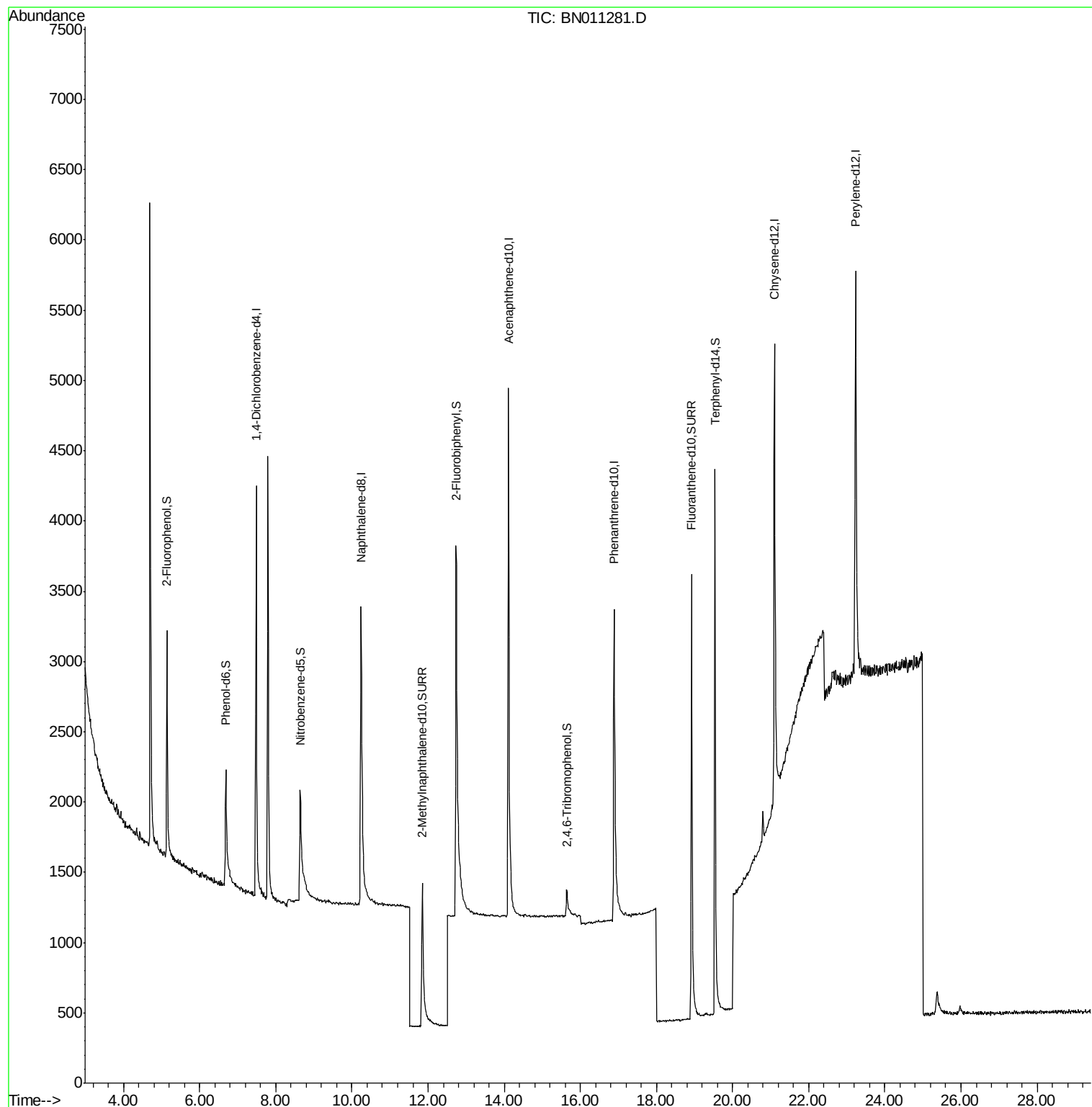
Target Compounds	Qvalue
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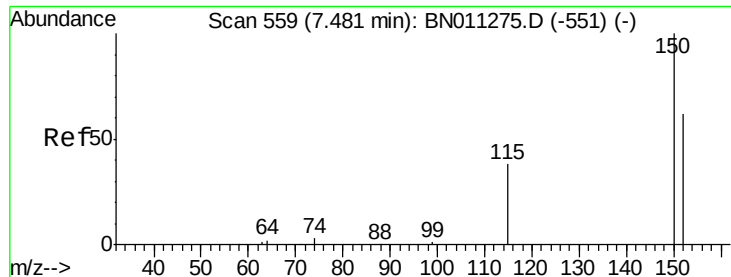
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BN011281.D

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Instrument :

BNA_N

ClientSampleId :

PB130451BL

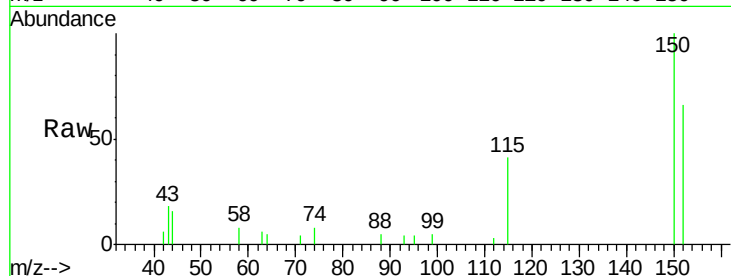
Tot Ion:152 Resp: 1756

Ion Ratio Lower Upper

152 100

150 151.6 126.5 189.7

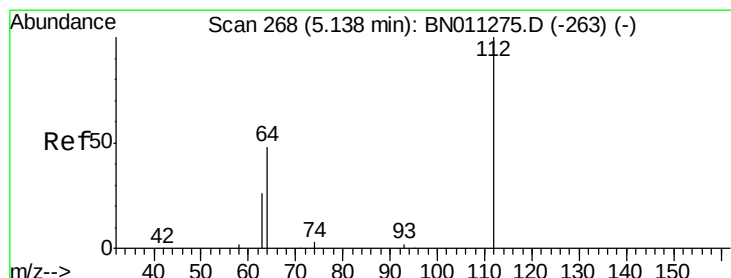
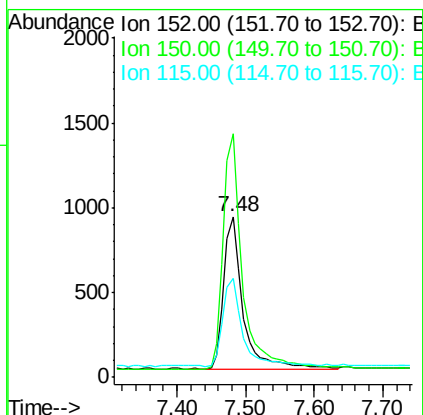
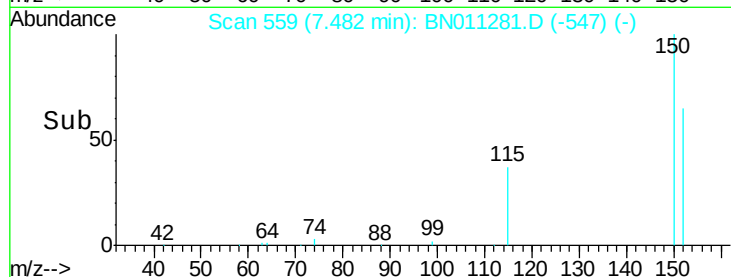
115 61.7 51.9 77.9



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: 0.362 ng

RT: 5.14 min Scan# 268

Delta R.T. 0.00 min

Lab File: BN011281.D

Acq: 28 Jul 2020 15:42

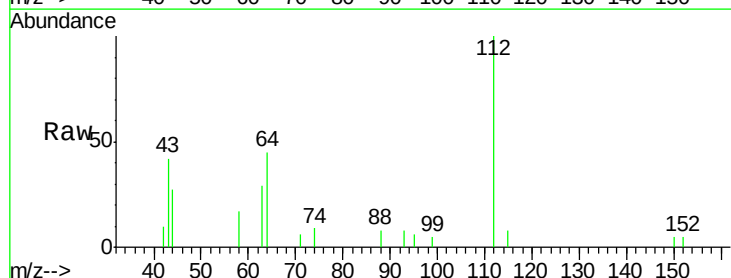
Tgt Ion:112 Resp: 1672

Ion Ratio Lower Upper

112 100

64 45.8 35.8 53.6

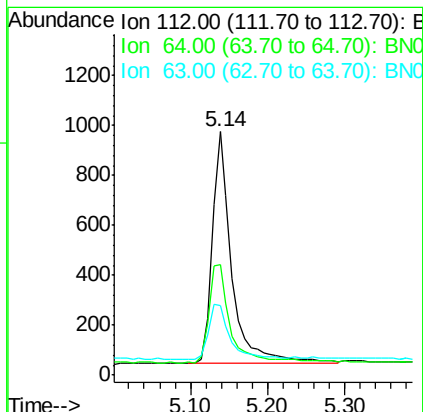
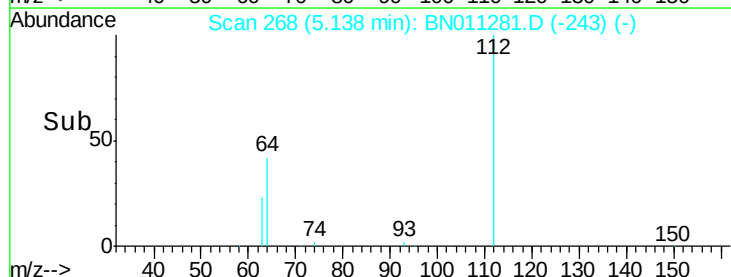
63 26.3 19.3 28.9

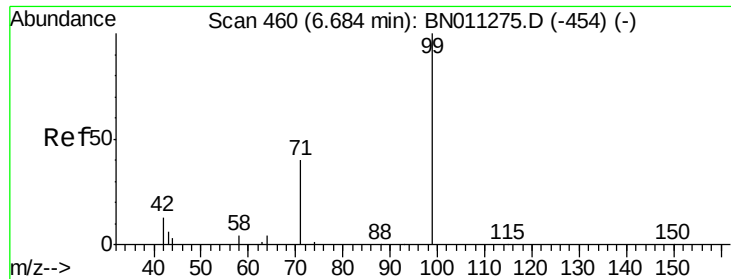


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.281 ng

RT: 6.68 min Scan# 460

Delta R.T. 0.00 min

Lab File: BN011281.D

Acq: 28 Jul 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB130451BL

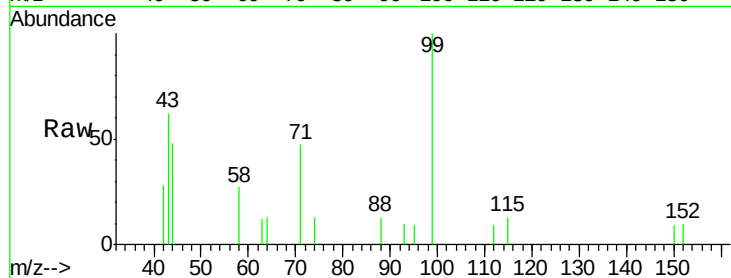
Tot Ion: 99 Resp: 1577

Ion Ratio Lower Upper

99 100

42 12.0 11.2 16.8

71 38.4 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BN011275.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN011275.D (-454) (-)

Ion 71.00 (70.70 to 71.70): BN011275.D (-454) (-)

6.68

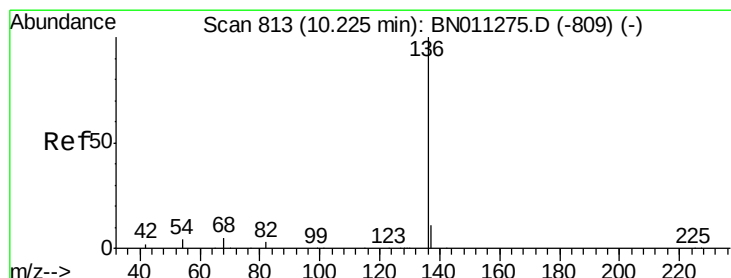
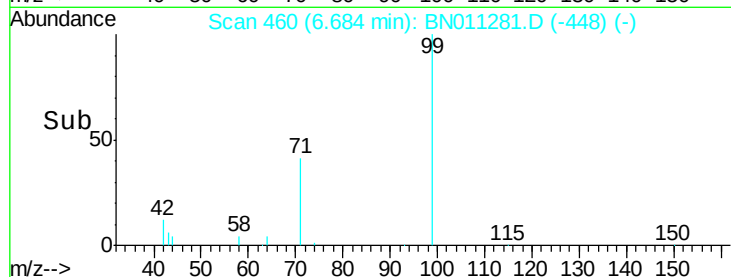
400

200

0

6.60 6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.01 min

Lab File: BN011281.D

Acq: 28 Jul 2020 15:42

Tgt Ion: 136 Resp: 5632

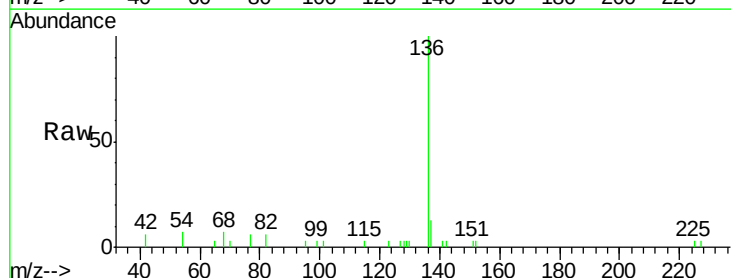
Ion Ratio Lower Upper

136 100

137 13.2 9.9 14.9

54 6.8 4.8 7.2

68 7.1 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BN011275.D (-809) (-)

Ion 137.00 (136.70 to 137.70): BN011275.D (-809) (-)

Ion 54.00 (53.70 to 54.70): BN011275.D (-809) (-)

Ion 68.00 (67.70 to 68.70): BN011275.D (-809) (-)

10.24

2500

2000

1500

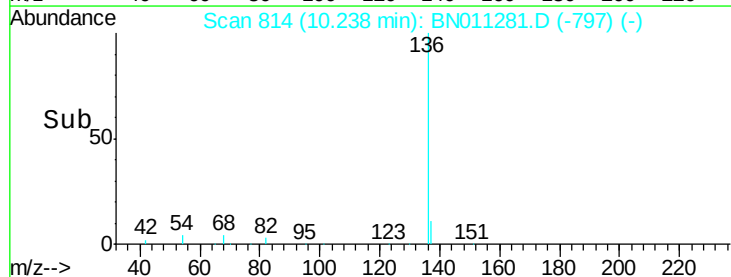
1000

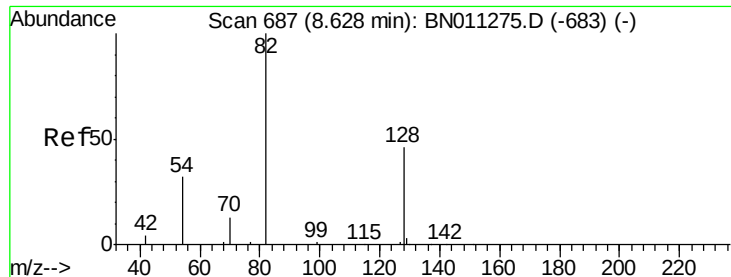
500

0

10.20 10.40

Time-->

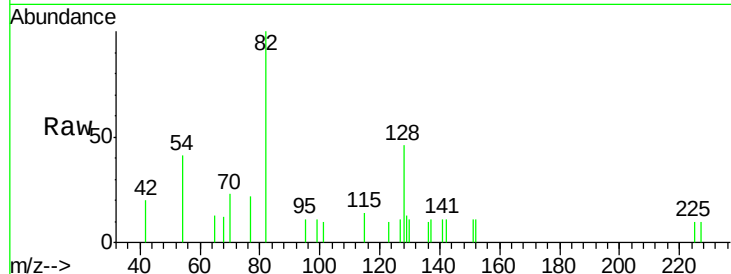




#8
 Nitrobenzene-d5
 Concen: 0.350 ng
 RT: 8.64 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BN011281.D
 Acq: 28 Jul 2020 15:42

Instrument :
 BNA_N
 ClientSampleId :
 PB130451BL

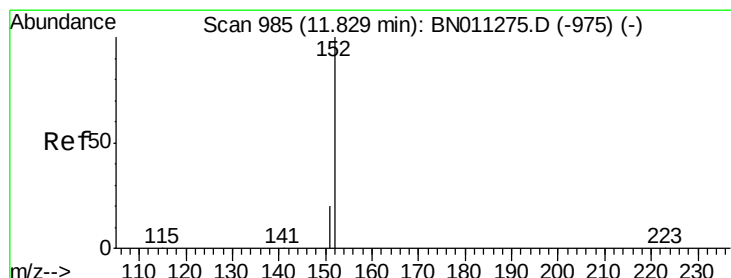
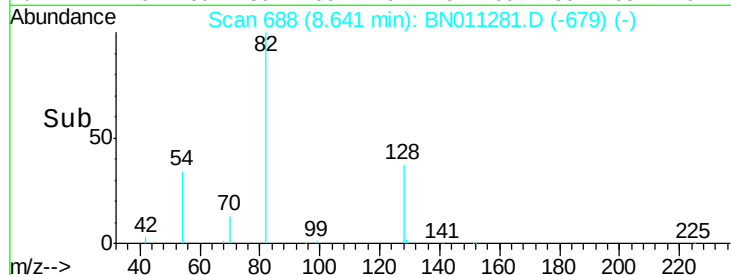
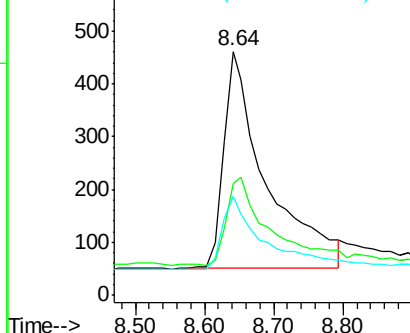
Tot Ion	82	Resp	1760
Ion	Ratio	Lower	Upper
82	100		
128	45.8	40.1	60.1
54	40.6	29.0	43.6



Abundance Ion 82.00 (81.70 to 82.70): BN011281.D (-679) (-)

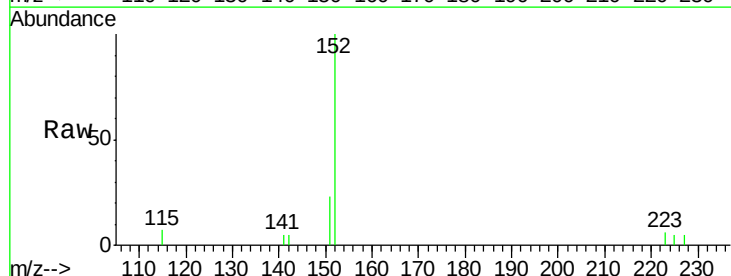
Ion 128.00 (127.70 to 128.70): BN011281.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BN011281.D (-679) (-)



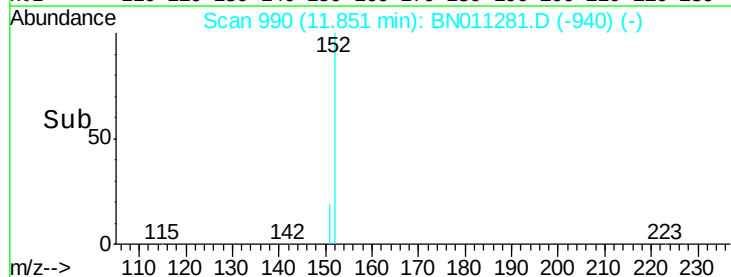
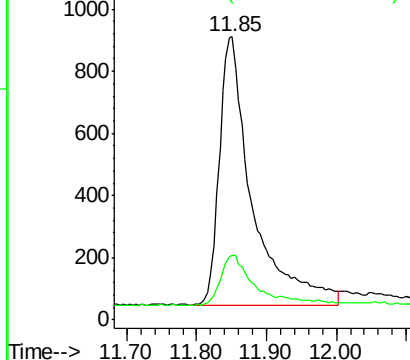
#11
 2-Methylnaphthalene-d10
 Concen: 0.275 ng
 RT: 11.85 min Scan# 990
 Delta R.T. 0.02 min
 Lab File: BN011281.D
 Acq: 28 Jul 2020 15:42

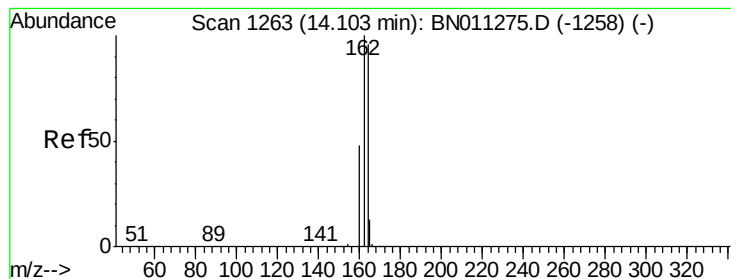
Tgt Ion	152	Resp	2825
Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.6	24.8



Abundance Ion 152.00 (151.70 to 152.70): BN011281.D (-940) (-)

Ion 151.00 (150.70 to 151.70): BN011281.D (-940) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BN011281.D

Acq: 28 Jul 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB130451BL

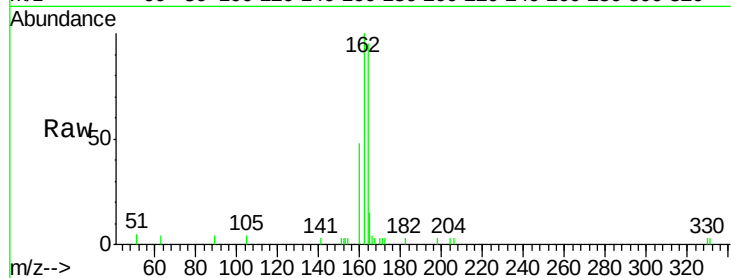
Tot Ion:164 Resp: 3216

Ion Ratio Lower Upper

164 100

162 105.1 83.6 125.4

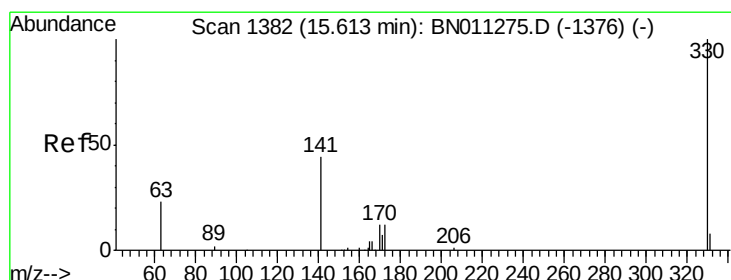
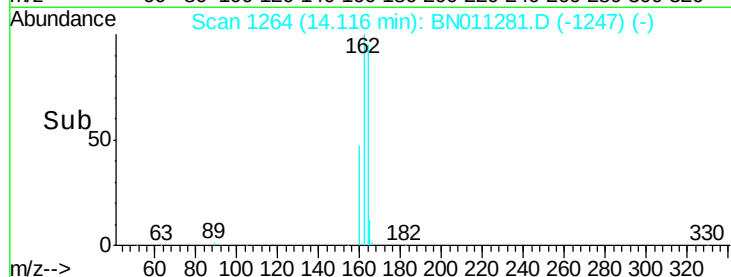
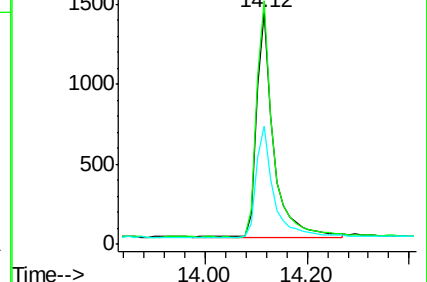
160 50.9 41.2 61.8



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: 0.208 ng

RT: 15.65 min Scan# 1385

Delta R.T. 0.04 min

Lab File: BN011281.D

Acq: 28 Jul 2020 15:42

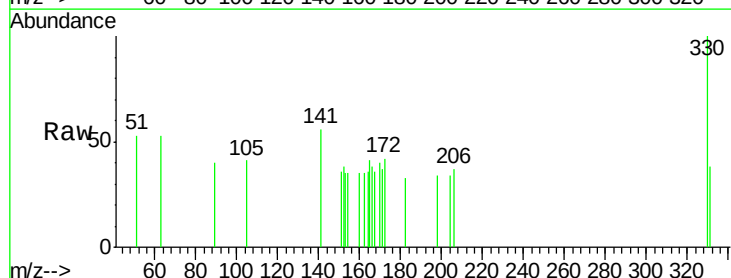
Tgt Ion:330 Resp: 309

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

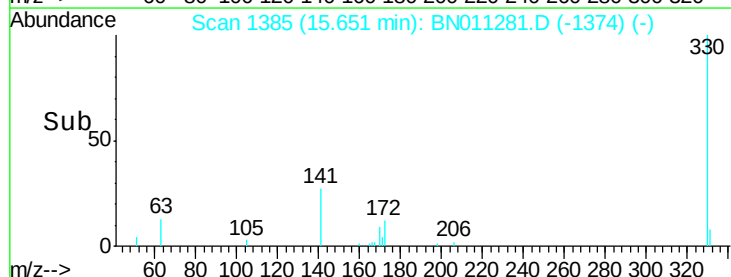
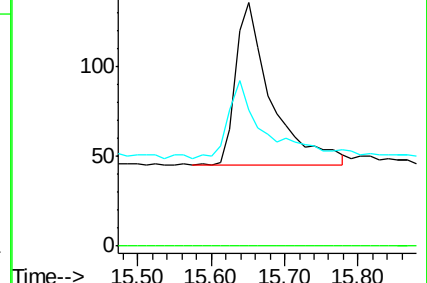
141 46.6 34.2 51.2

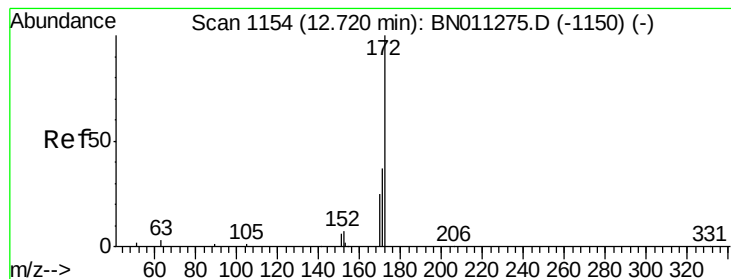


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.358 ng

RT: 12.73 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BN011281.D

Acq: 28 Jul 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB130451BL

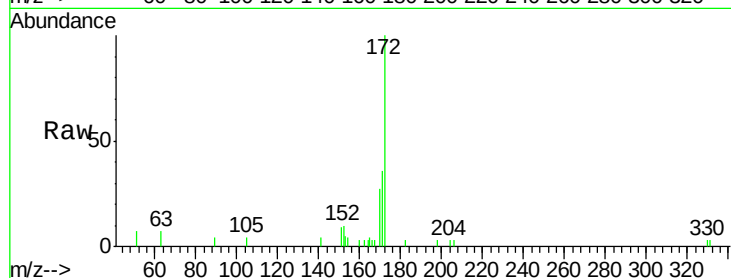
Tot Ion:172 Resp: 4969

Ion Ratio Lower Upper

172 100

171 36.5 30.6 46.0

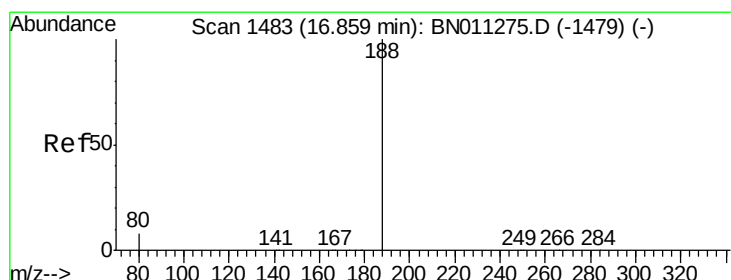
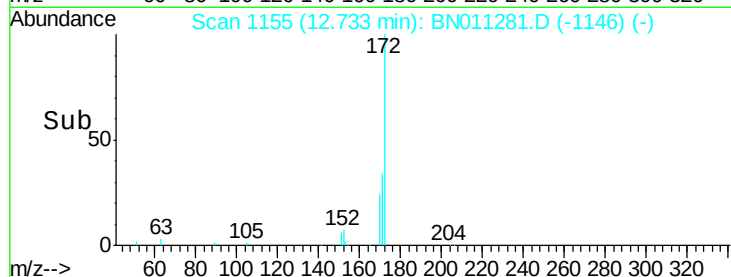
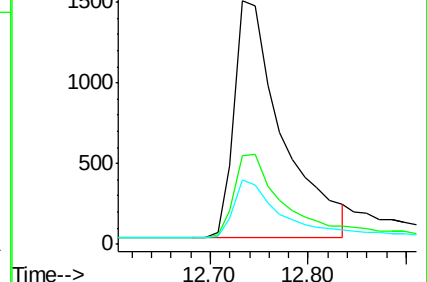
170 26.6 21.0 31.4



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: 16.88 min Scan# 1485

Delta R.T. 0.02 min

Lab File: BN011281.D

Acq: 28 Jul 2020 15:42

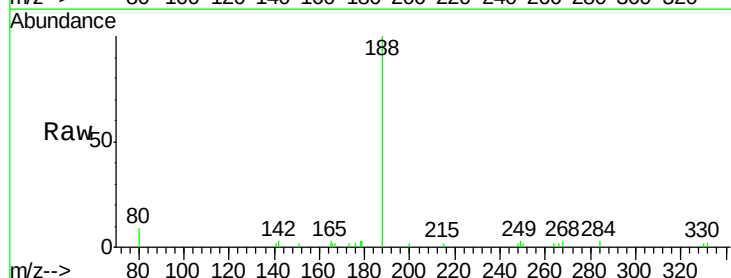
Tgt Ion:188 Resp: 6272

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

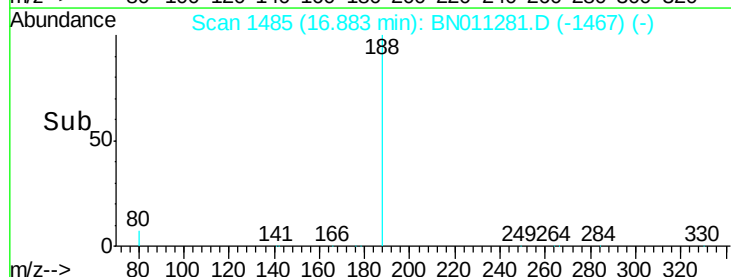
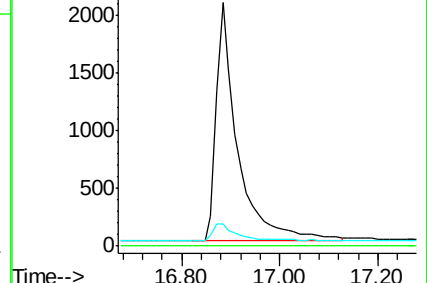
80 9.2 7.4 11.0

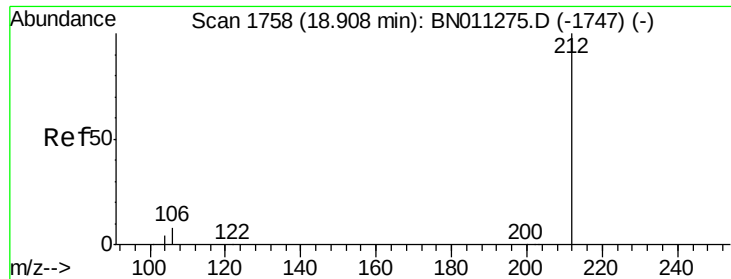


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

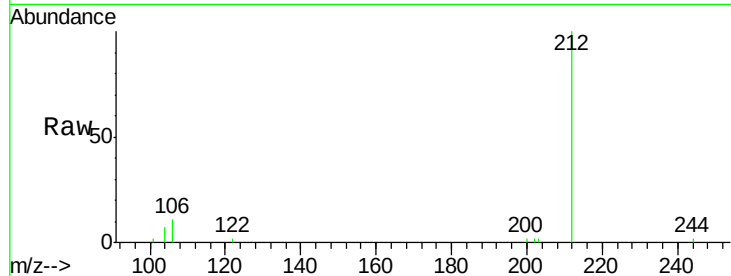




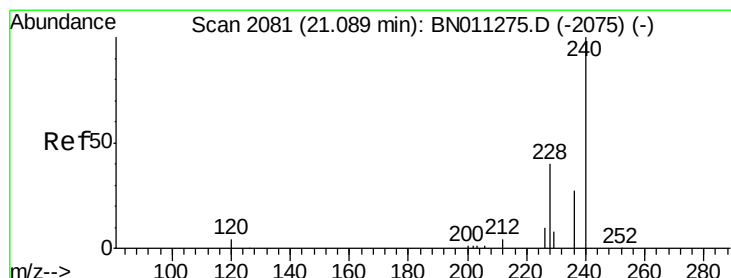
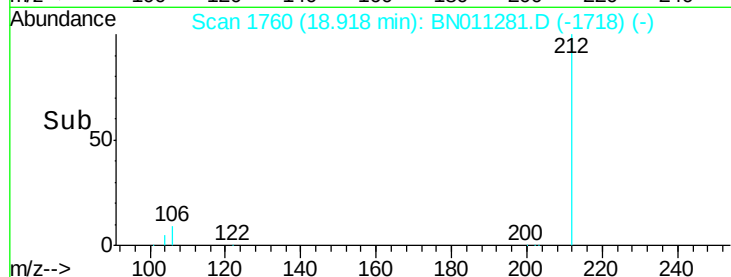
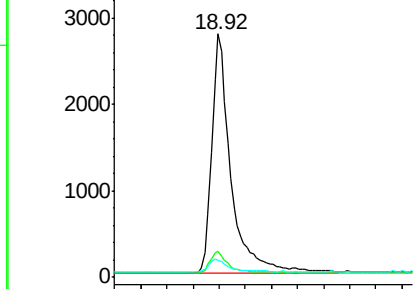
#27
 Fluoranthene-d10
 Concen: 0.297 ng
 RT: 18.92 min Scan# 1760
 Delta R.T. 0.01 min
 Lab File: BN011281.D
 Acq: 28 Jul 2020 15:42

Instrument :
 BNA_N
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 PB130451BL

Tot Ion:212 Resp: 5689
 Ion Ratio Lower Upper
 212 100
 106 8.3 6.9 10.3
 104 5.3 4.2 6.2

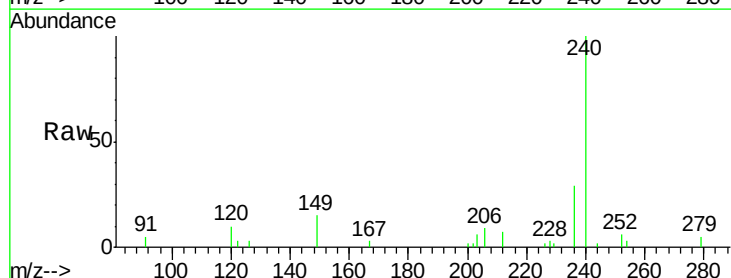


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

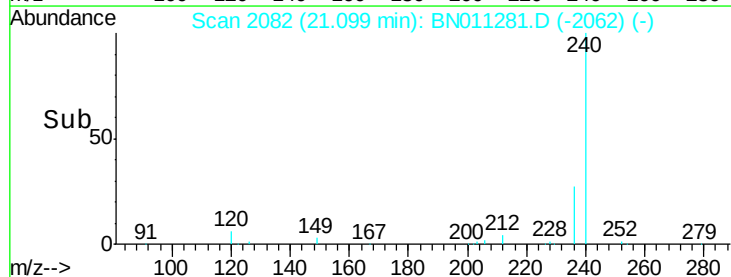
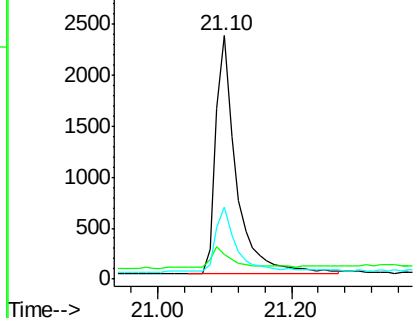


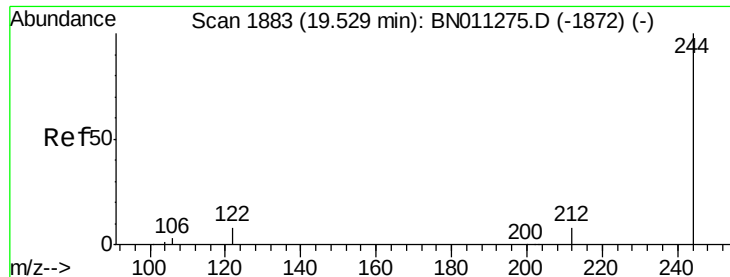
#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.10 min Scan# 2082
 Delta R.T. 0.01 min
 Lab File: BN011281.D
 Acq: 28 Jul 2020 15:42

Tgt Ion:240 Resp: 4955
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.8 8.8#
 236 29.4 22.7 34.1



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





#31

Terphenyl-d14

Concen: 0.386 ng

RT: 19.53 min Scan# 1884

Delta R.T. 0.01 min

Lab File: BN011281.D

Acq: 28 Jul 2020 15:42

Instrument :

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ClientSampleId :

PB130451BL

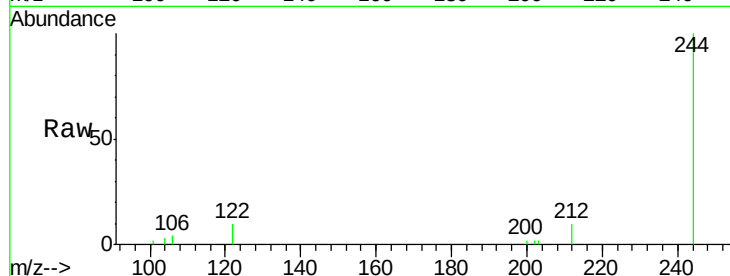
Tot Ion:244 Resp: 5785

Ion Ratio Lower Upper

244 100

212 9.8 7.6 11.4

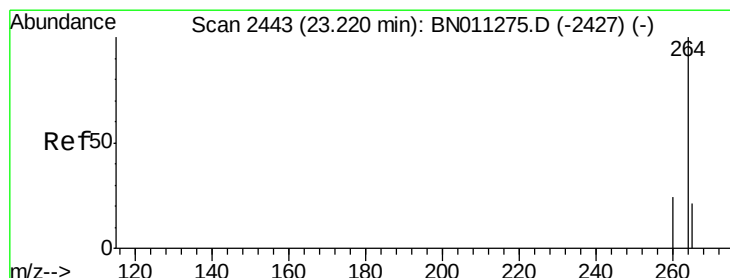
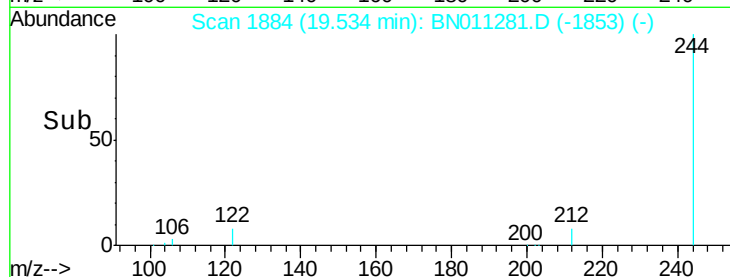
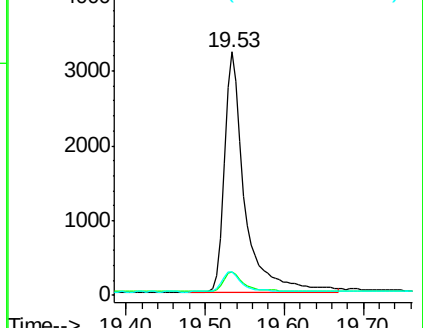
122 9.9 7.5 11.3



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.23 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BN011281.D

Acq: 28 Jul 2020 15:42

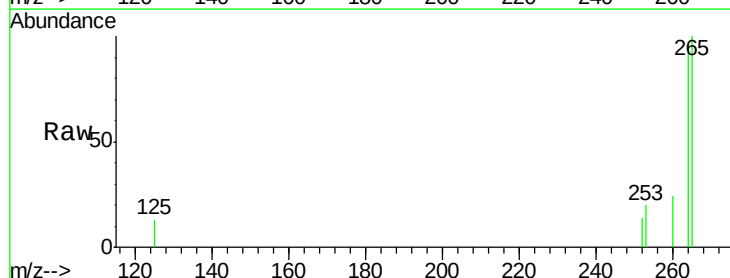
Tgt Ion:264 Resp: 5135

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 104.4 70.7 106.1



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

