

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071320\
 Data File : BN011157.D
 Acq On : 13 Jul 2020 17:35
 Operator : CG/JU
 Sample : PB130052BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

Quant Time: Jul 13 18:14:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 13:53:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1387	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	3843	0.40	ng	0.03
13) Acenaphthene-d10	14.14	164	2126	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	4381	0.40	ng	0.02
29) Chrysene-d12	21.11	240	3788	0.40	ng	0.01
36) Perylene-d12	23.25	264	3898	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	1684	0.49	ng	0.00
5) Phenol-d6	6.73	99	1484	0.38	ng	0.00
8) Nitrobenzene-d5	8.68	82	1887	0.55	ng	0.03
11) 2-Methylnaphthalene-d10	11.89	152	2214	0.36	ng	0.03
14) 2,4,6-Tribromophenol	15.68	330	419	0.44	ng	0.04
15) 2-Fluorobiphenyl	12.77	172	5307	0.53	ng	0.03
27) Fluoranthene-d10	18.94	212	4835	0.35	ng	0.00
31) Terphenyl-d14	19.55	244	7753	0.79	ng	0.00

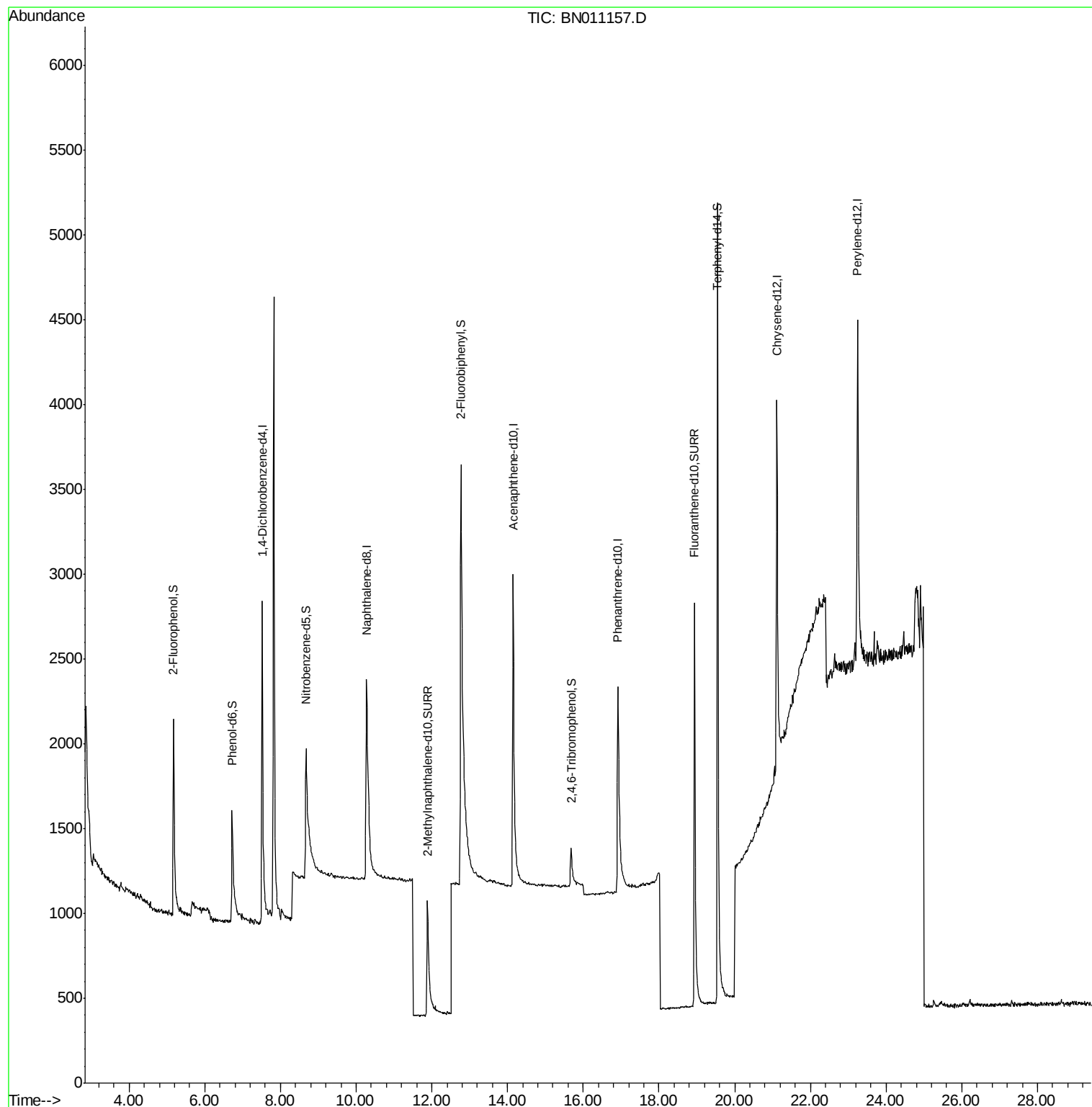
Target Compounds	Qvalue
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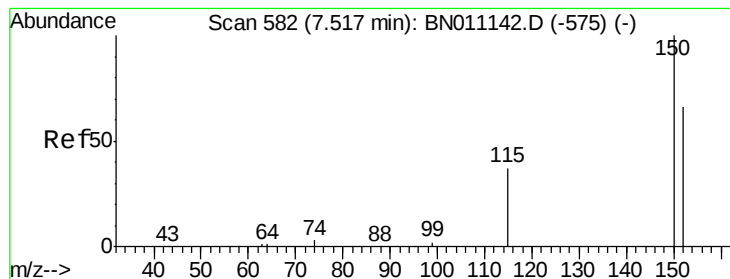
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 13 18:14:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 13:53:03 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.52 min Scan# 582

Delta R.T. 0.01 min

Lab File: BN011157.D

Acq: 13 Jul 2020 17:35

Instrument :

BNA_N

ClientSampleId :

PB130052BL

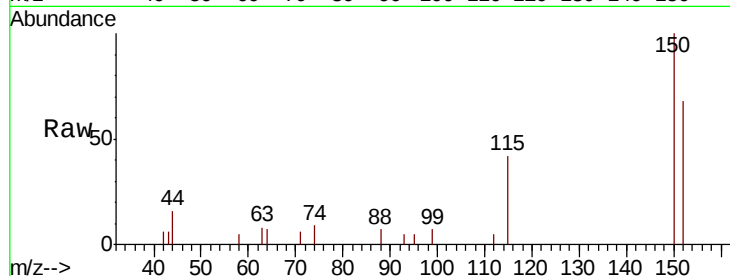
Tot Ion:152 Resp: 1387

Ion Ratio Lower Upper

152 100

150 148.1 119.4 179.0

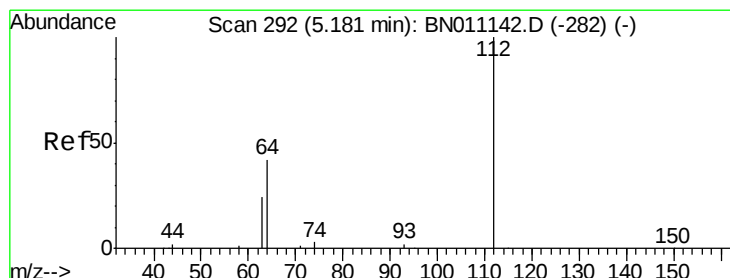
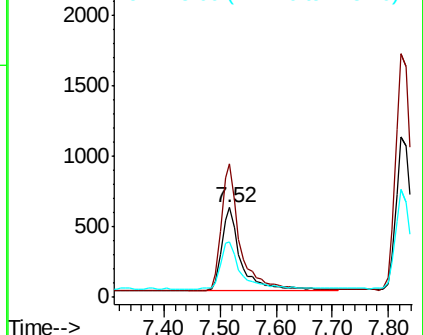
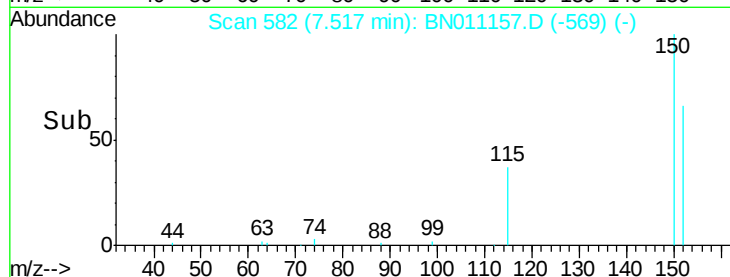
115 61.9 48.3 72.5



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: 0.492 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011157.D

Acq: 13 Jul 2020 17:35

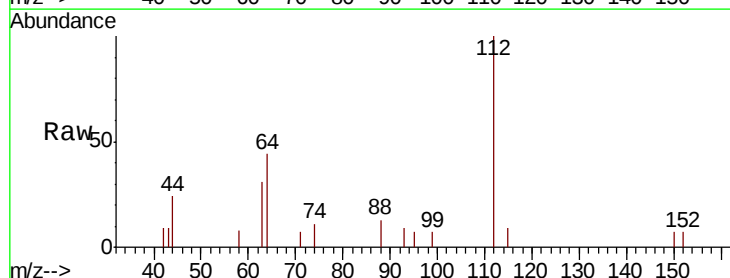
Tgt Ion:112 Resp: 1684

Ion Ratio Lower Upper

112 100

64 43.9 36.7 55.1

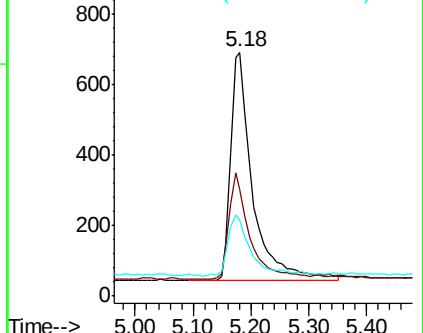
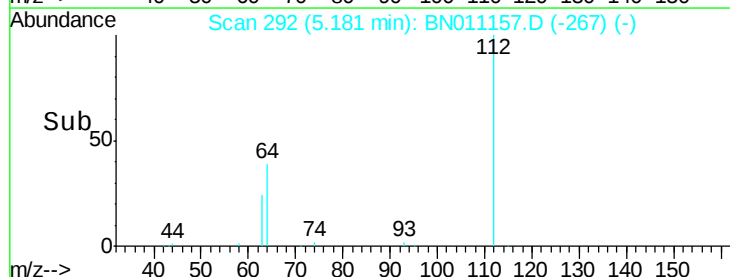
63 28.9 20.4 30.6

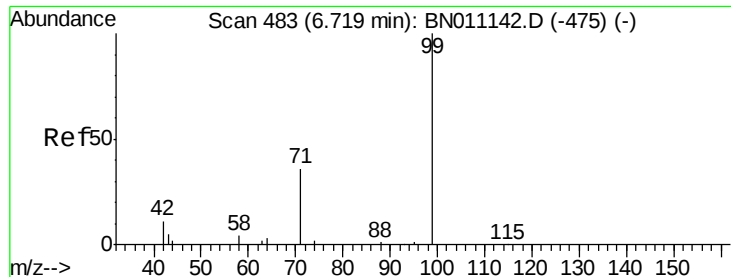


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.384 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.01 min

Lab File: BN011157.D

Acq: 13 Jul 2020 17:35

Instrument :

BNA_N

ClientSampleId :

PB130052BL

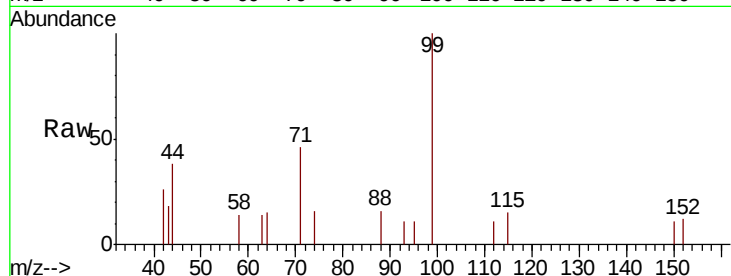
Tot Ion: 99 Resp: 1484

Ion Ratio Lower Upper

99 100

42 13.3 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) (-)

6.73

400

300

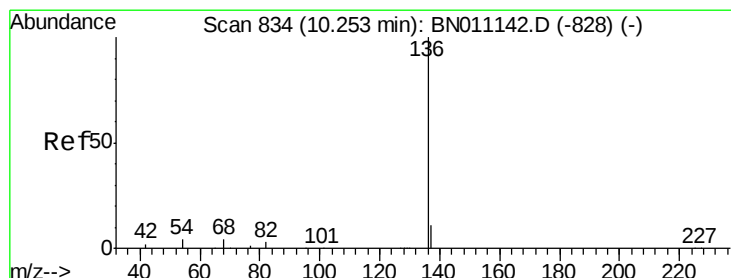
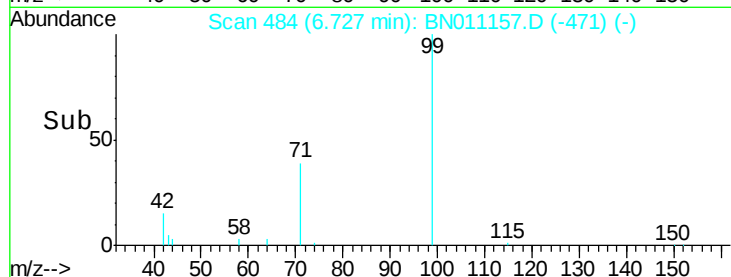
200

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: BN011157.D

Acq: 13 Jul 2020 17:35

Tgt Ion: 136 Resp: 3843

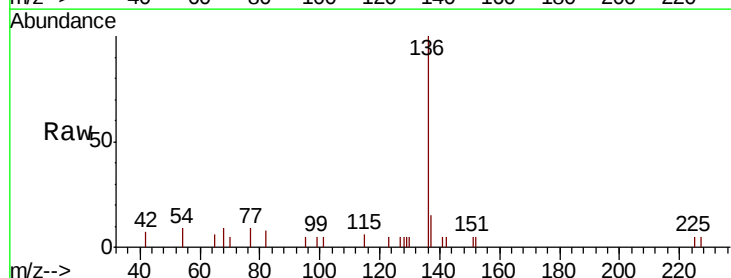
Ion Ratio Lower Upper

136 100

137 15.3 10.3 15.5

54 8.5 4.9 7.3#

68 8.5 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) (-)

10.28

1500

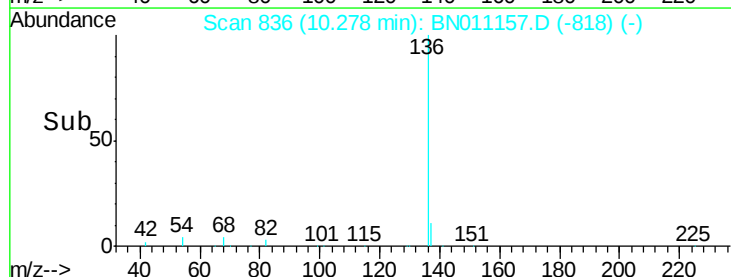
1000

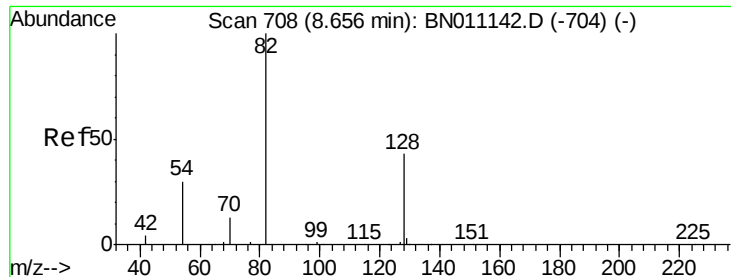
500

0

10.20 10.40

Time-->

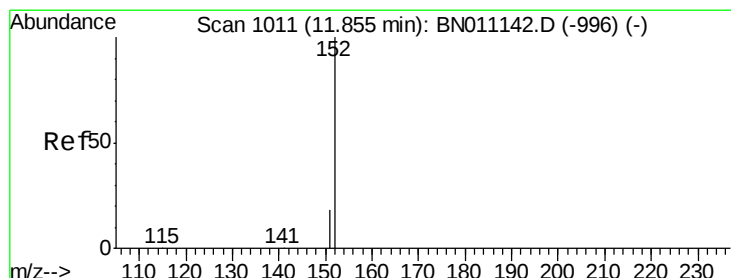
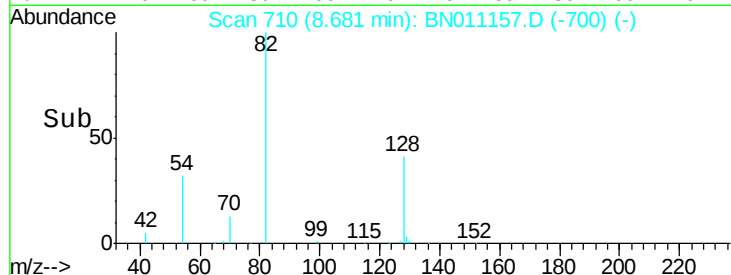
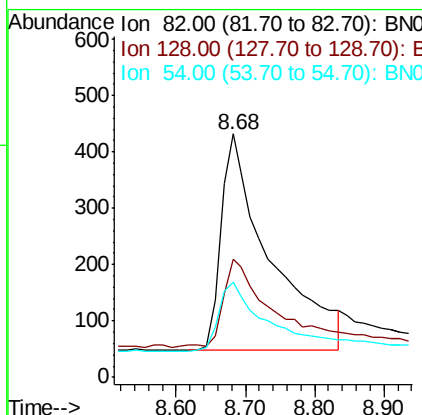
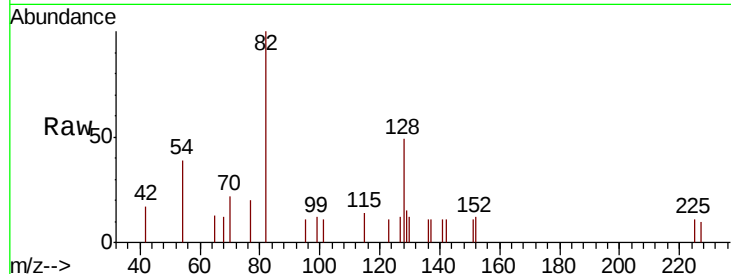




#8
 Nitrobenzene-d5
 Concen: 0.554 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.03 min
 Lab File: BN011157.D
 Acq: 13 Jul 2020 17:35

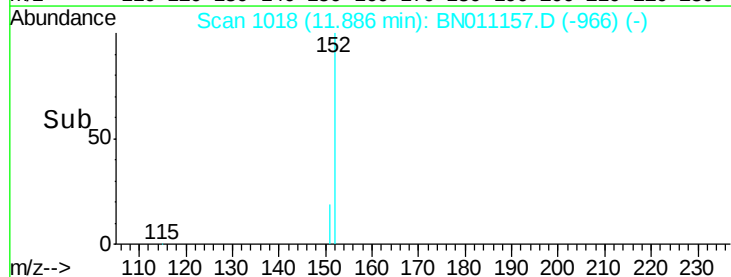
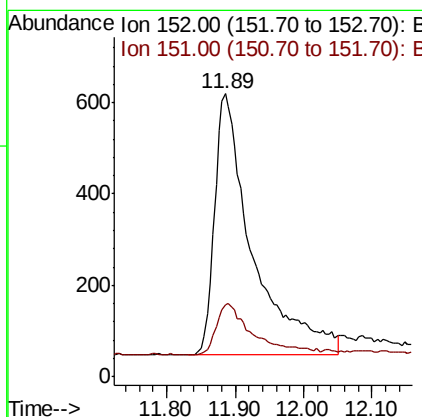
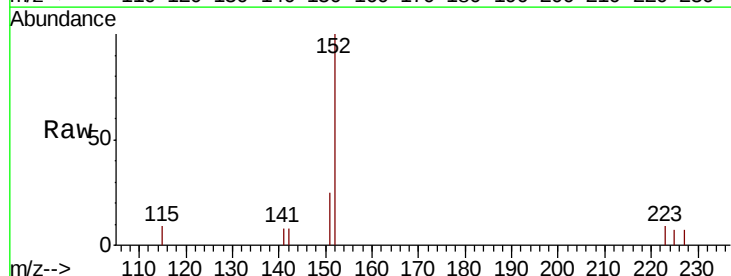
Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

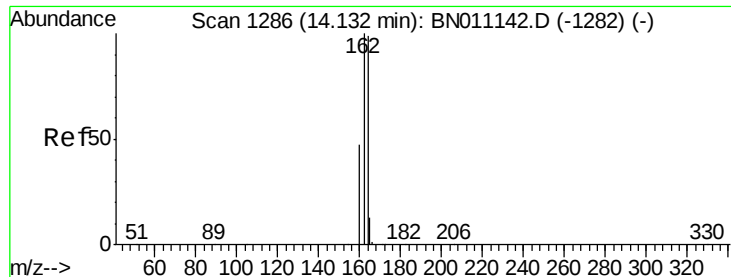
Tot Ion	82	Resp	1887
Ion Ratio	Lower	Upper	
82	100		
128	48.6	38.1	57.1
54	39.1	27.1	40.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.355 ng
 RT: 11.89 min Scan# 1018
 Delta R.T. 0.03 min
 Lab File: BN011157.D
 Acq: 13 Jul 2020 17:35

Tgt Ion	152	Resp	2214
Ion Ratio	Lower	Upper	
152	100		
151	17.7	16.5	24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011157.D

Acq: 13 Jul 2020 17:35

Instrument :

BNA_N

ClientSampleId :

PB130052BL

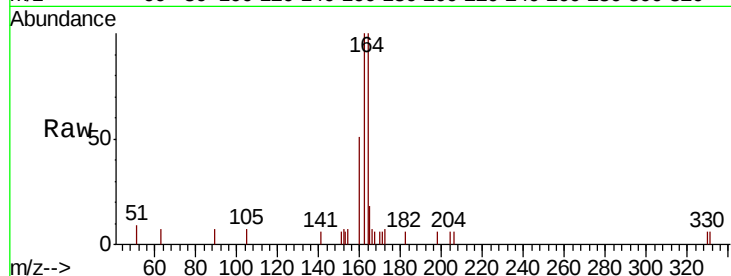
Tot Ion:164 Resp: 2126

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

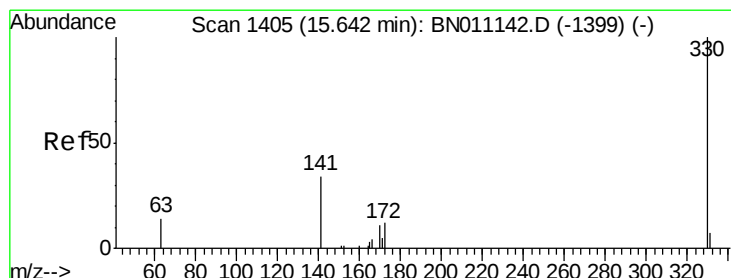
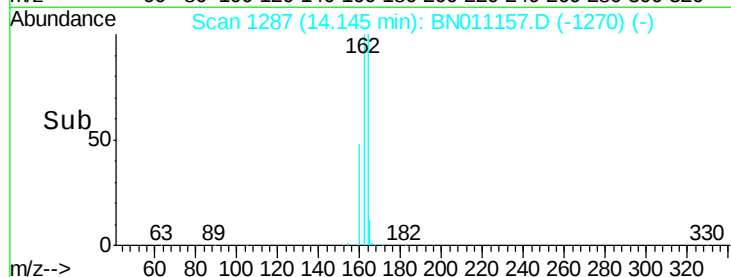
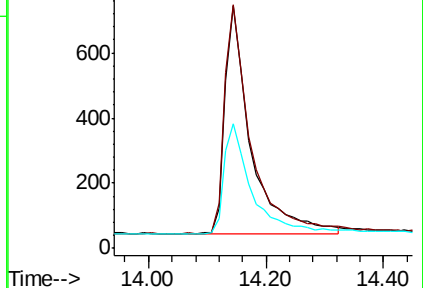
160 51.2 39.0 58.6



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: 0.444 ng

RT: 15.68 min Scan# 1408

Delta R.T. 0.04 min

Lab File: BN011157.D

Acq: 13 Jul 2020 17:35

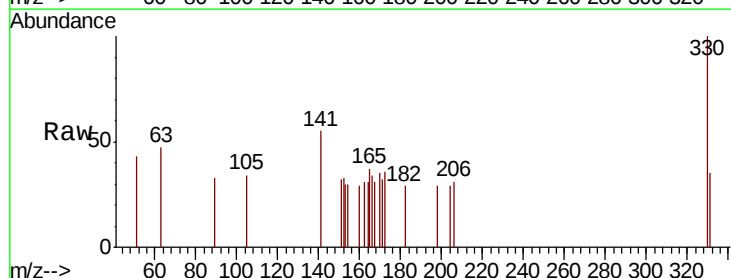
Tgt Ion:330 Resp: 419

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

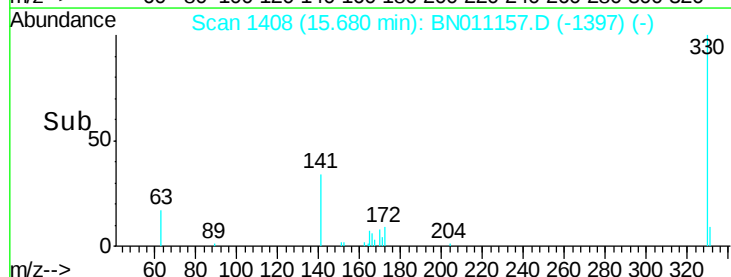
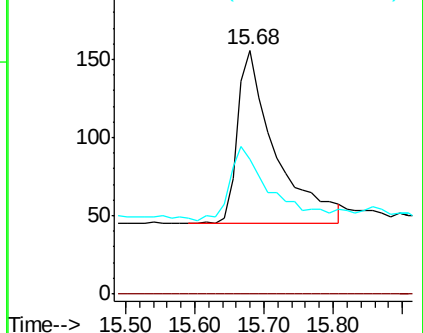
141 45.1 31.5 47.3

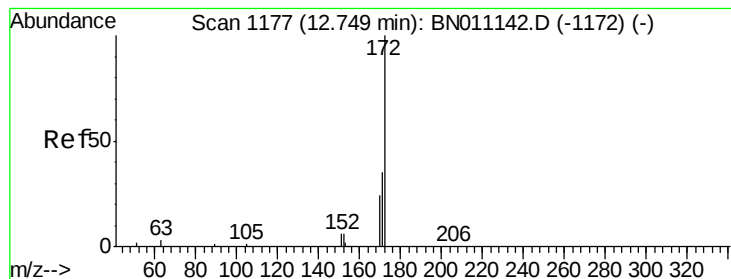


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.533 ng

RT: 12.77 min Scan# 1179

Delta R.T. 0.03 min

Lab File: BN011157.D

Acq: 13 Jul 2020 17:35

Instrument :

BNA_N

ClientSampleId :

PB130052BL

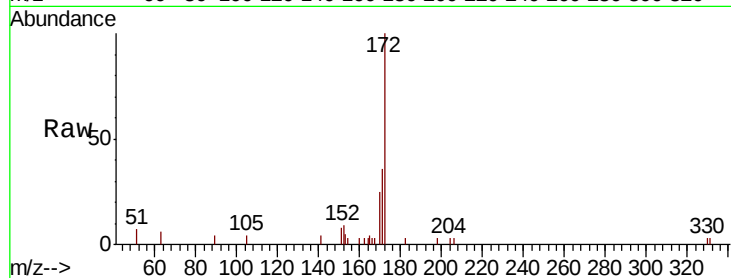
Tot Ion:172 Resp: 5307

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

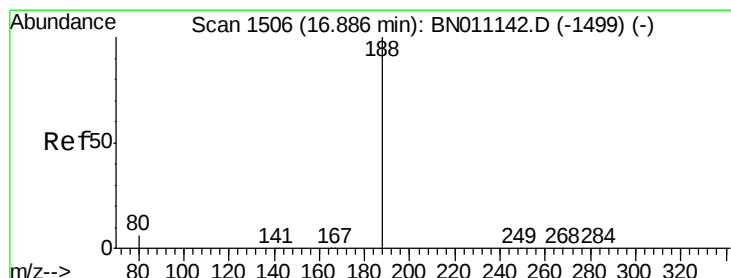
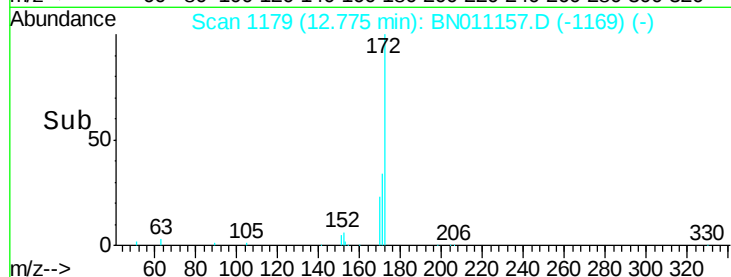
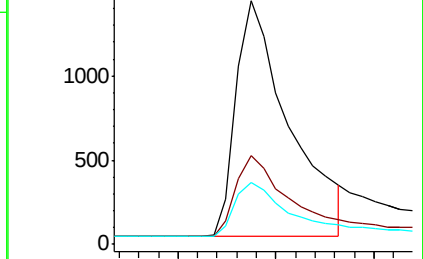
170 25.3 20.3 30.5



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: BN011157.D

Acq: 13 Jul 2020 17:35

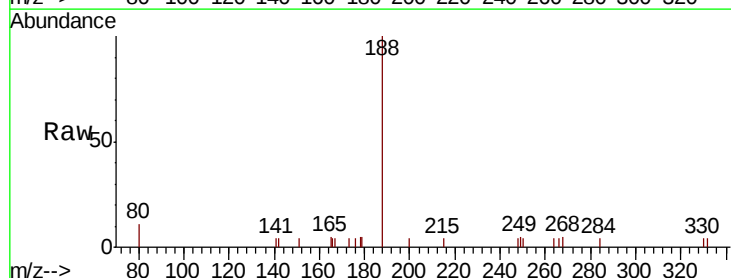
Tgt Ion:188 Resp: 4381

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

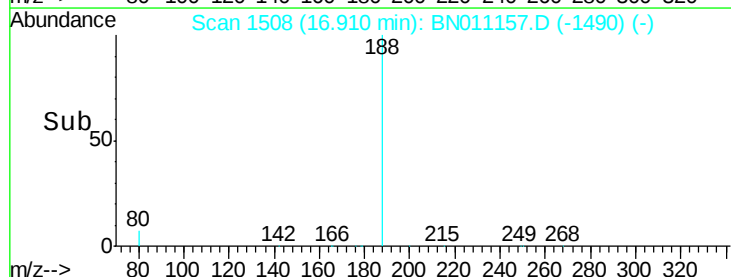
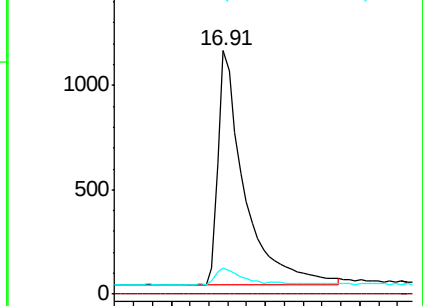
80 10.8 6.3 9.5#

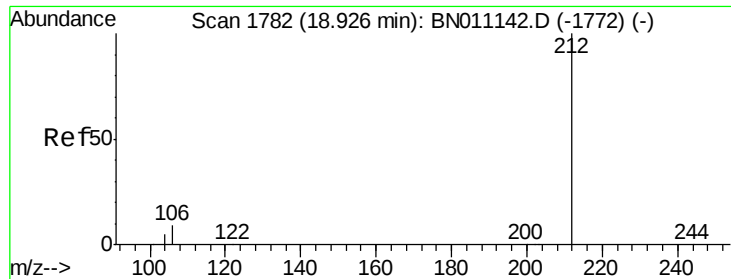


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#27

Fluoranthene-d10

Concen: 0.350 ng

RT: 18.94 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BN011157.D

Acq: 13 Jul 2020 17:35

Instrument :

BNA_N

ClientSampleId :

PB130052BL

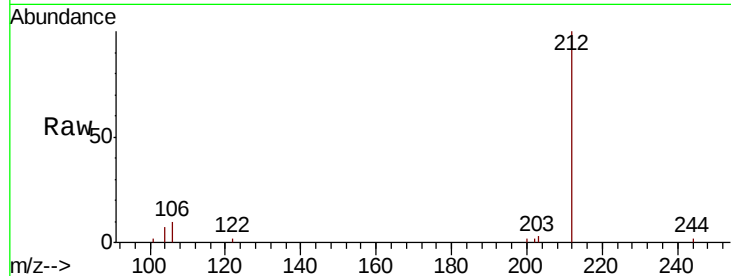
Tot Ion:212 Resp: 4835

Ion Ratio Lower Upper

212 100

106 8.0 7.0 10.6

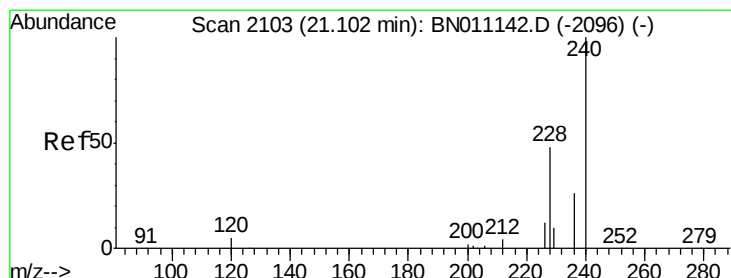
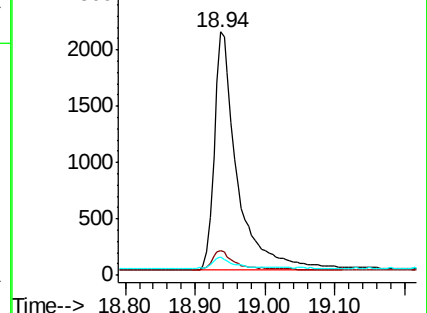
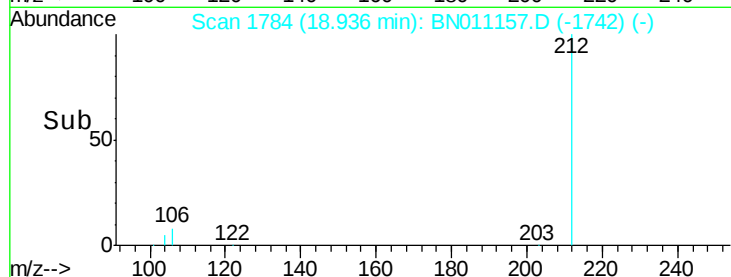
104 4.2 4.2 6.4#



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: BN011157.D

Acq: 13 Jul 2020 17:35

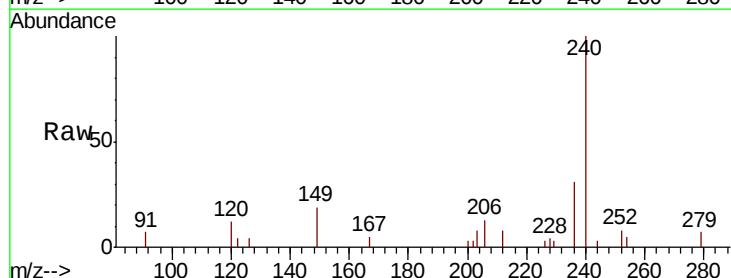
Tgt Ion:240 Resp: 3788

Ion Ratio Lower Upper

240 100

120 12.4 6.5 9.7#

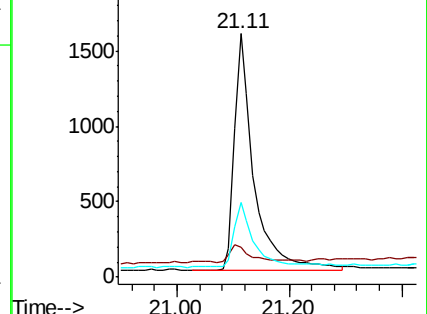
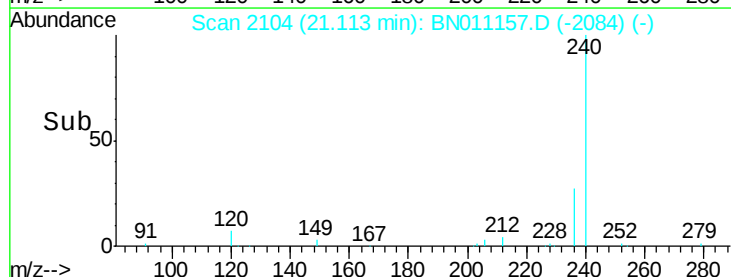
236 30.5 21.9 32.9

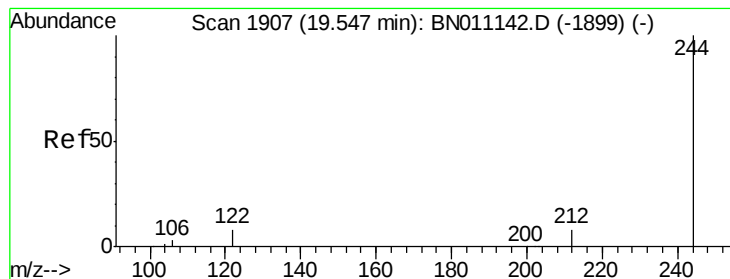


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.786 ng

RT: 19.55 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BN011157.D

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Instrument :

BNA_N

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PB130052BL

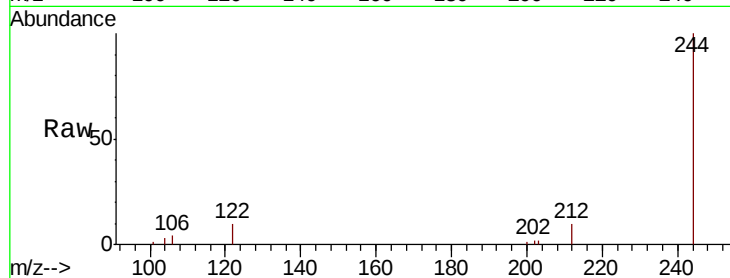
Tot Ion:244 Resp: 7753

Ion Ratio Lower Upper

244 100

212 9.9 7.8 11.6

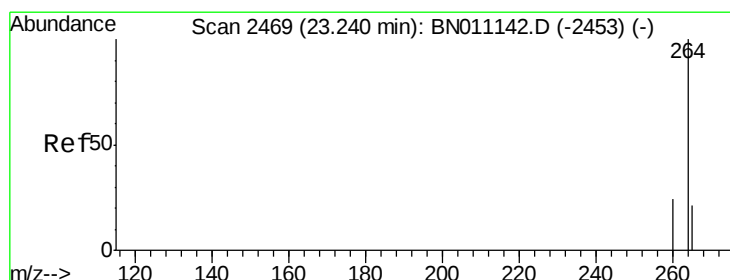
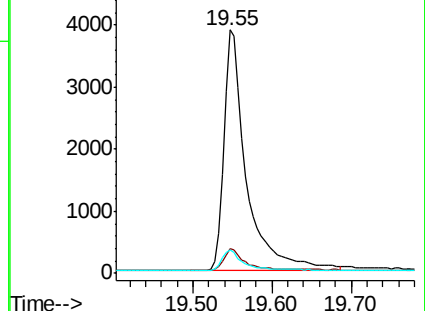
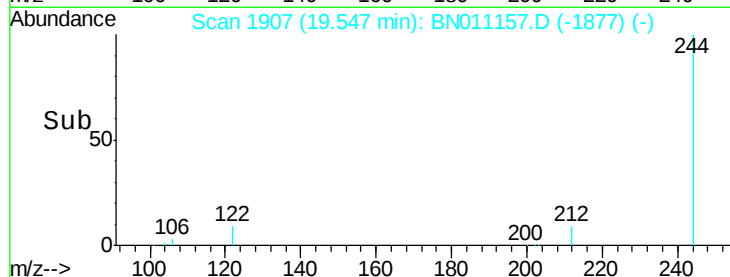
122 9.7 7.4 11.0



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: 23.25 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BN011157.D

Acq: 13 Jul 2020 17:35

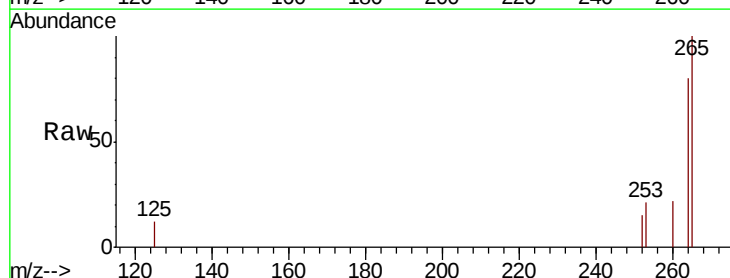
Tgt Ion:264 Resp: 3898

Ion Ratio Lower Upper

264 100

260 27.1 20.1 30.1

265 125.8 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

