

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071320\
 Data File : BN011155.D
 Acq On : 13 Jul 2020 16:23
 Operator : CG/JU
 Sample : PB130053BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130053BL

Quant Time: Jul 13 16:57:35 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

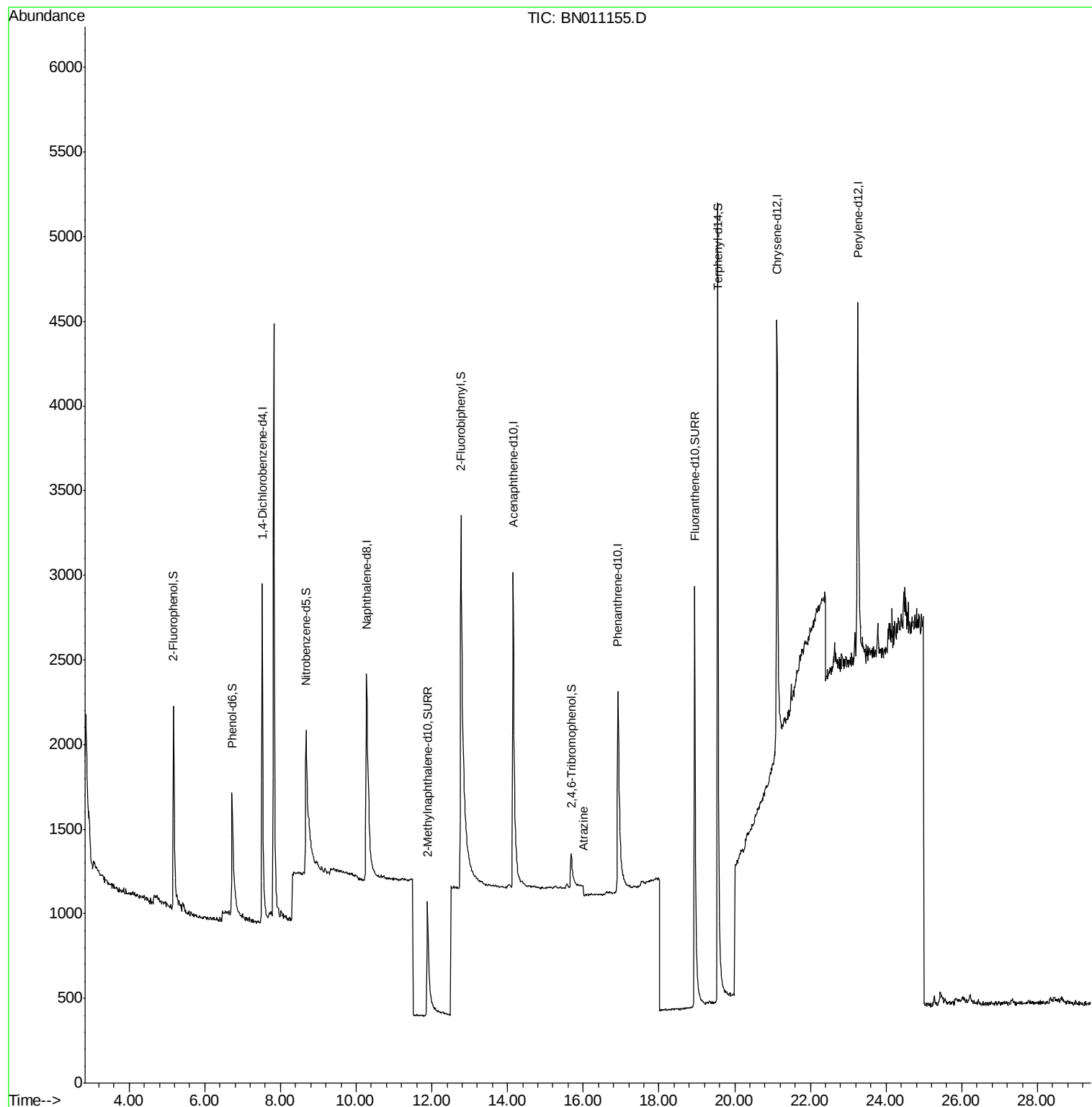
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1402	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	3966	0.40	ng	0.03
13) Acenaphthene-d10	14.14	164	2279	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	4514	0.40	ng	0.02
29) Chrysene-d12	21.11	240	4415	0.40	ng	0.01
36) Perylene-d12	23.25	264	4033	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1740	0.50	ng	0.00
5) Phenol-d6	6.73	99	1637	0.42	ng	0.00
8) Nitrobenzene-d5	8.68	82	2065	0.59	ng	0.03
11) 2-Methylnaphthalene-d10	11.89	152	2196	0.34	ng	0.03
14) 2,4,6-Tribromophenol	15.68	330	406	0.40	ng	0.04
15) 2-Fluorobiphenyl	12.77	172	4700	0.44	ng	0.03
27) Fluoranthene-d10	18.94	212	5425	0.38	ng	0.01
31) Terphenyl-d14	19.55	244	8197	0.71	ng	0.00
Target Compounds						
23) Atrazine	16.01	200	268	0.125	ng	Qvalue # 12

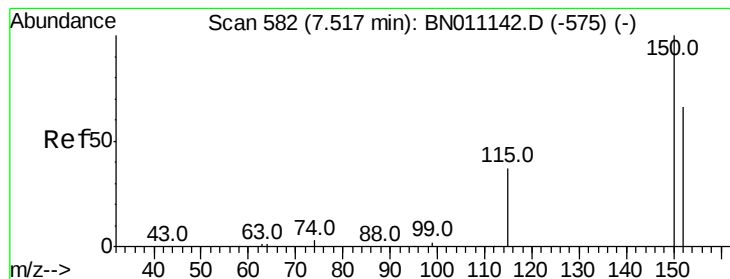
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 13 16:57:35 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



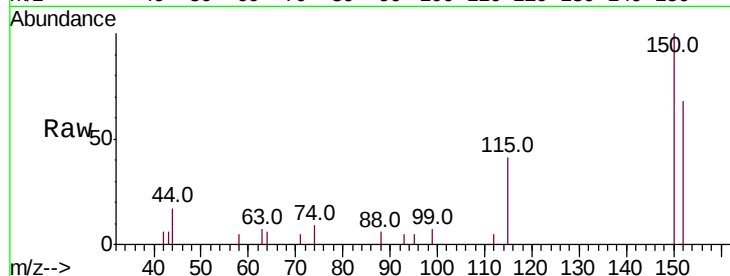


#1

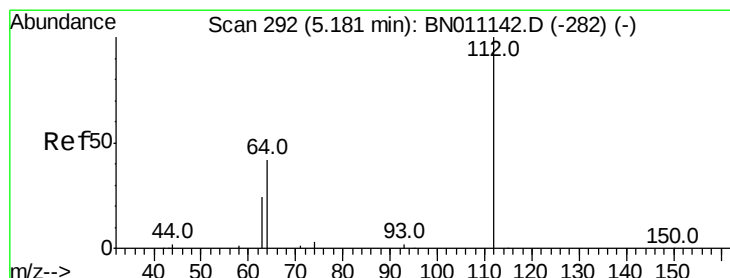
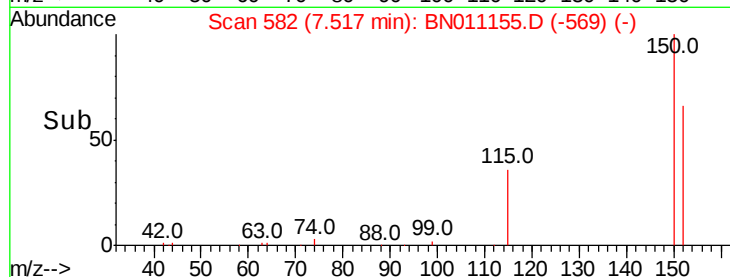
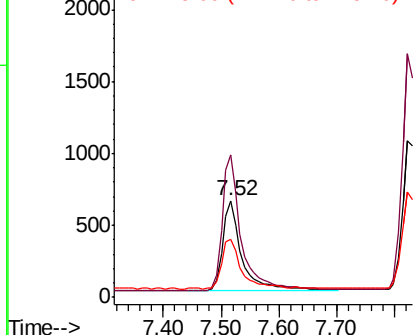
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.01 min
Lab File: BN011155.D
Acq: 13 Jul 2020 16:23

Instrument :
BNA_N
ClientSampleId :
PB130053BL

Tot Ion:152 Resp: 1402
Ion Ratio Lower Upper
152 100
150 147.1 119.4 179.0
115 60.4 48.3 72.5



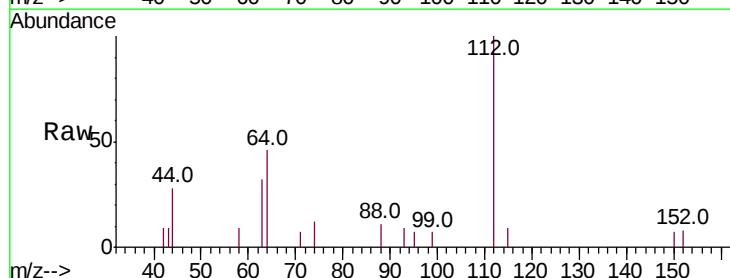
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



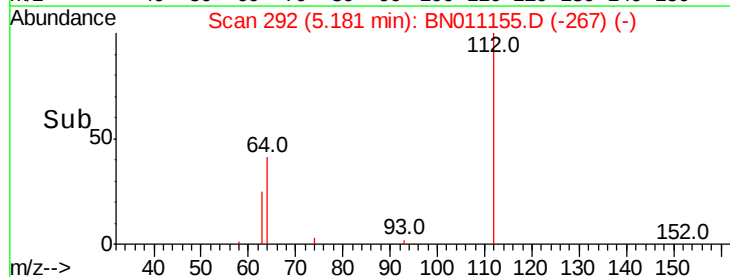
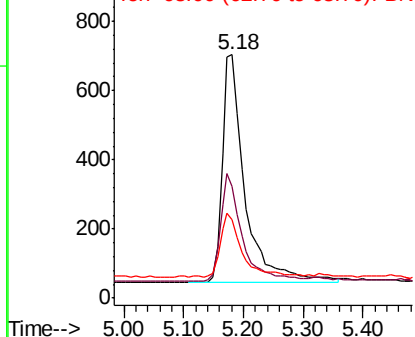
#4

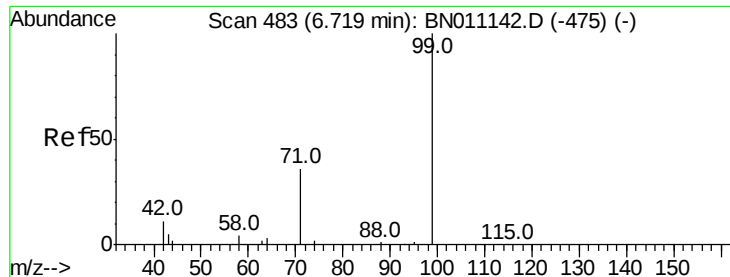
2-Fluorophenol
Concen: 0.503 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011155.D
Acq: 13 Jul 2020 16:23

Tgt Ion:112 Resp: 1740
Ion Ratio Lower Upper
112 100
64 44.0 36.7 55.1
63 26.4 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: 0.419 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.01 min

Lab File: BN011155.D

Acq: 13 Jul 2020 16:23

Instrument :

BNA_N

ClientSampleId :

PB130053BL

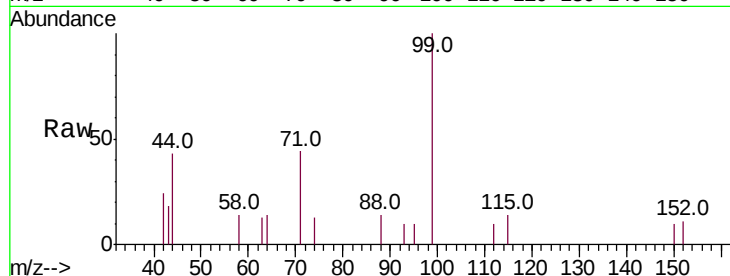
Tot Ion: 99 Resp: 1637

Ion Ratio Lower Upper

99 100

42 14.4 10.8 16.2

71 40.3 31.3 46.9



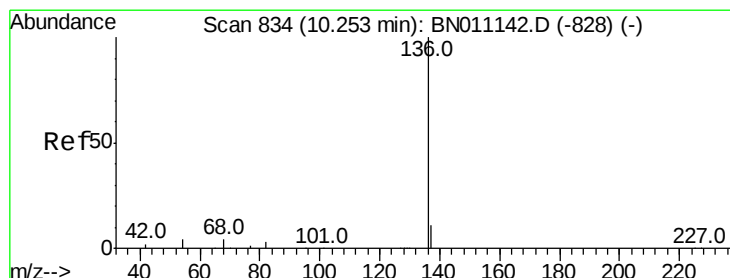
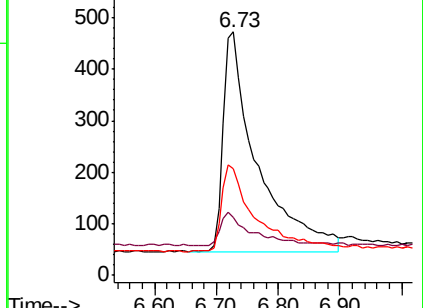
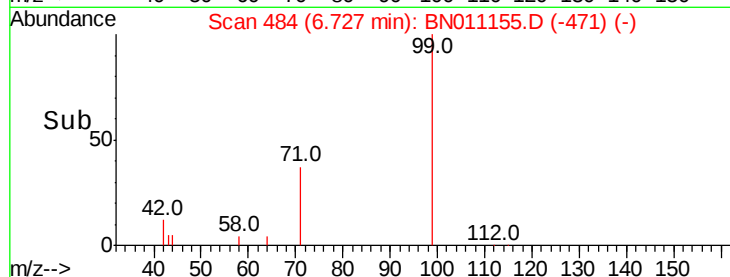
Abundance Ion 99.00 (98.70 to 99.70): BN011142.D (-475) (-)

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

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

6.73

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.03 min

Lab File: BN011155.D

Acq: 13 Jul 2020 16:23

Tgt Ion: 136 Resp: 3966

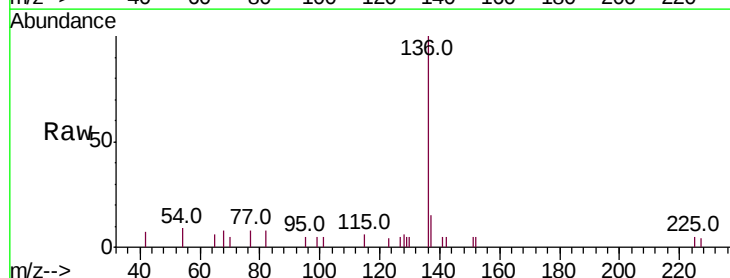
Ion Ratio Lower Upper

136 100

137 14.7 10.3 15.5

54 8.8 4.9 7.3#

68 8.1 4.9 7.3#



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

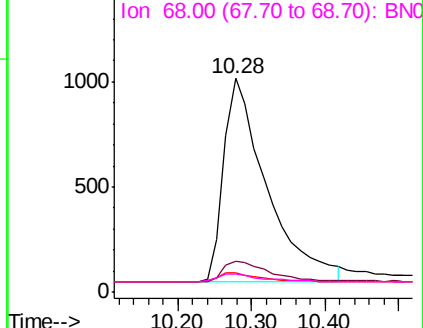
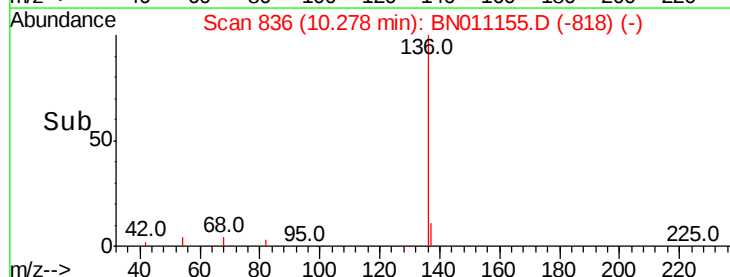
Ion 137.00 (136.70 to 137.70): BN011142.D (-828) (-)

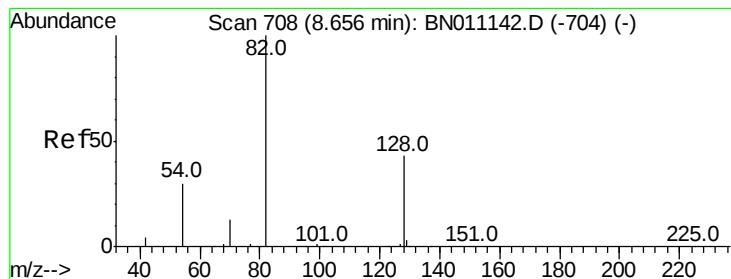
Ion 54.00 (53.70 to 54.70): BN011142.D (-828) (-)

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

10.28

Time-->





#8

Nitrobenzene-d5

Concen: 0.587 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.03 min

Lab File: BN011155.D

Acq: 13 Jul 2020 16:23

Instrument :

BNA_N

ClientSampleId :

PB130053BL

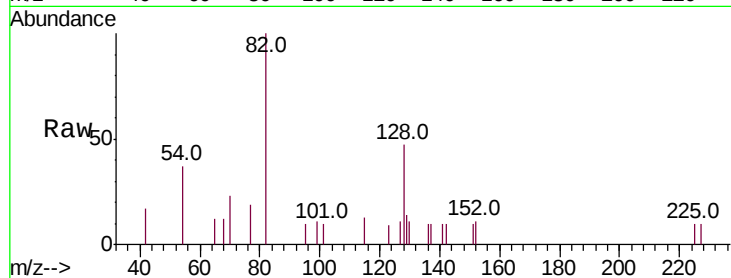
Tot Ion: 82 Resp: 2065

Ion Ratio Lower Upper

82 100

128 47.5 38.1 57.1

54 37.2 27.1 40.7



Abundance Ion 82.00 (81.70 to 82.70): BN011142.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN011142.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN011142.D (-704) (-)

8.68

500

400

300

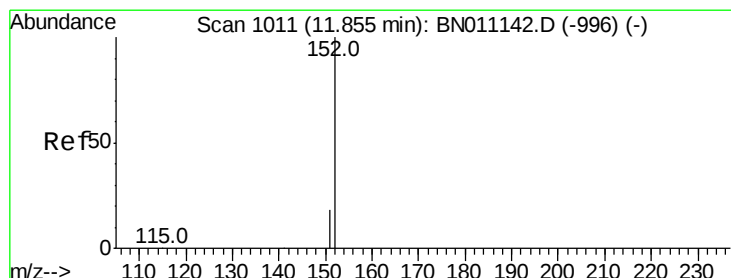
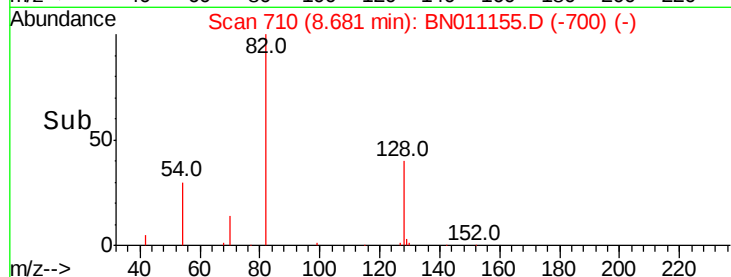
200

100

0

8.60 8.70 8.80 8.90

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 11.89 min Scan# 1018

Delta R.T. 0.03 min

Lab File: BN011155.D

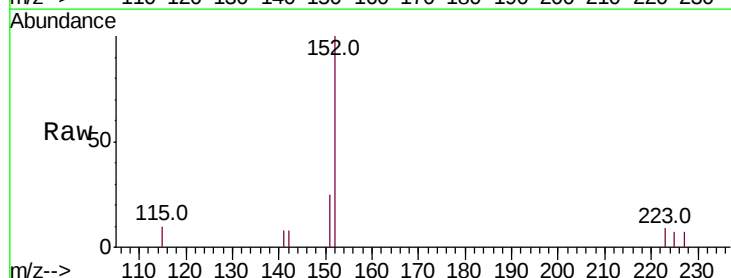
Acq: 13 Jul 2020 16:23

Tgt Ion: 152 Resp: 2196

Ion Ratio Lower Upper

152 100

151 19.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): BN011142.D (-996) (-)

Ion 151.00 (150.70 to 151.70): BN011142.D (-996) (-)

11.89

600

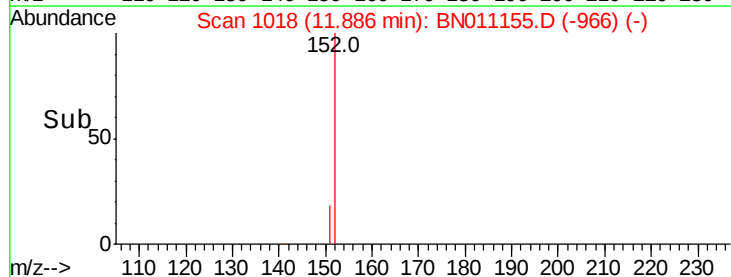
400

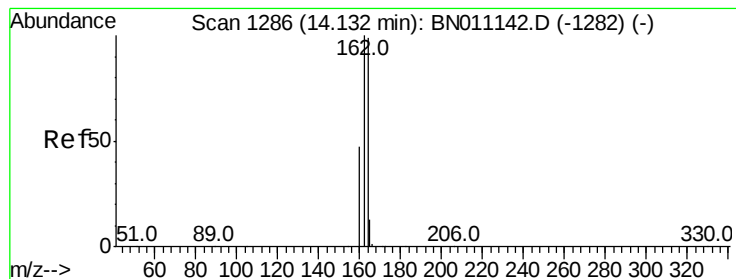
200

0

11.80 11.90 12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011155.D

Acq: 13 Jul 2020 16:23

Instrument :

BNA_N

ClientSampleId :

PB130053BL

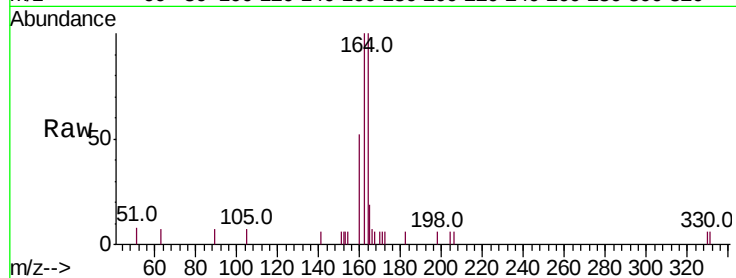
Tot Ion:164 Resp: 2279

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

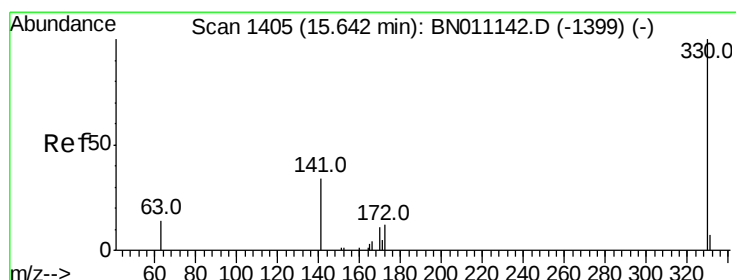
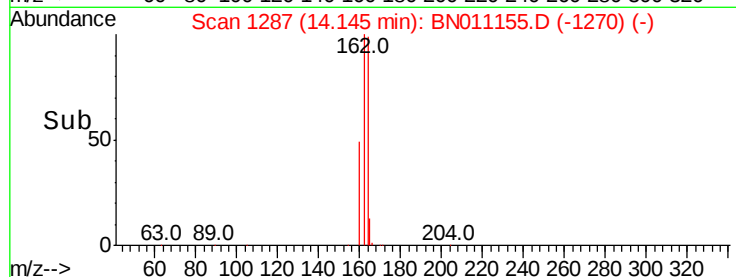
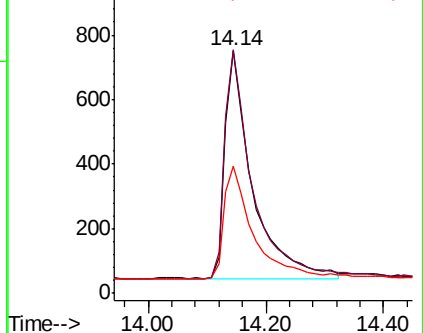
160 52.5 39.0 58.6



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: 0.401 ng

RT: 15.68 min Scan# 1408

Delta R.T. 0.04 min

Lab File: BN011155.D

Acq: 13 Jul 2020 16:23

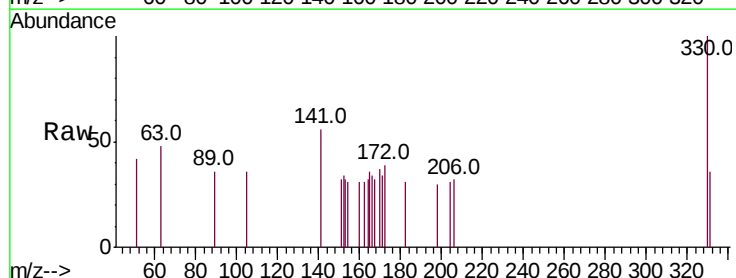
Tgt Ion:330 Resp: 406

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

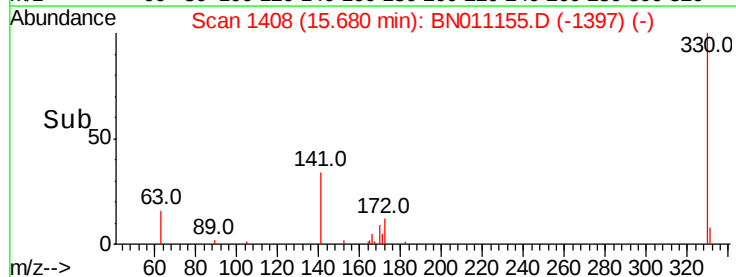
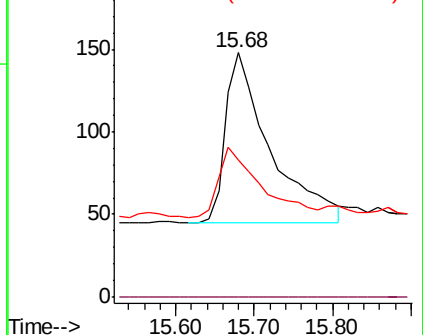
141 40.1 31.5 47.3

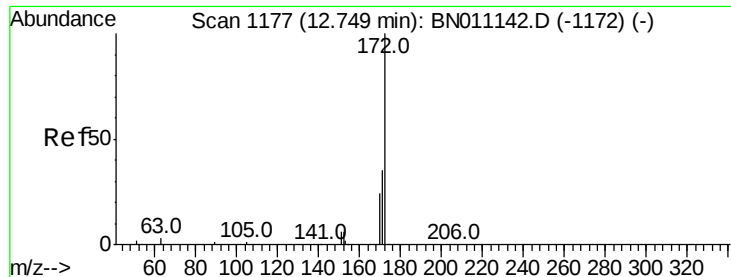


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

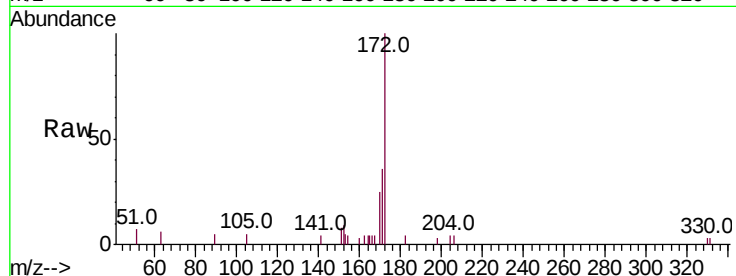




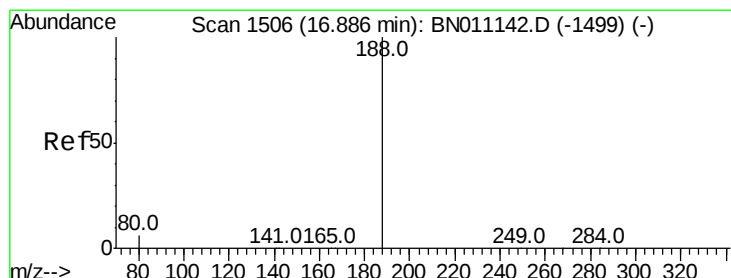
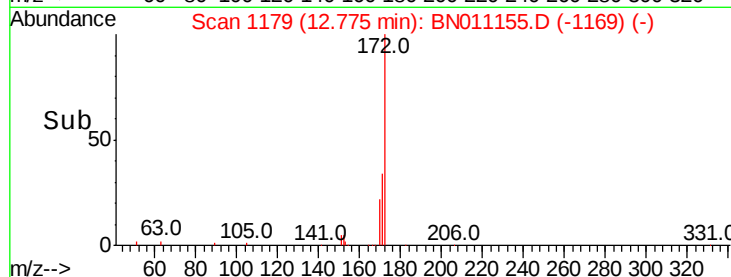
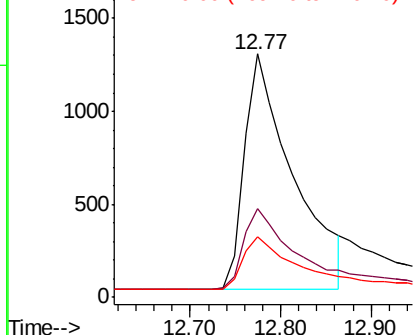
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BN011155.D
Acq: 13 Jul 2020 16:23

Instrument :
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Tot Ion:172 Resp: 4700
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.8 20.3 30.5

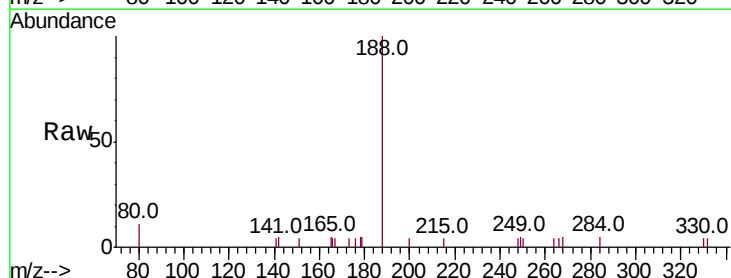


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

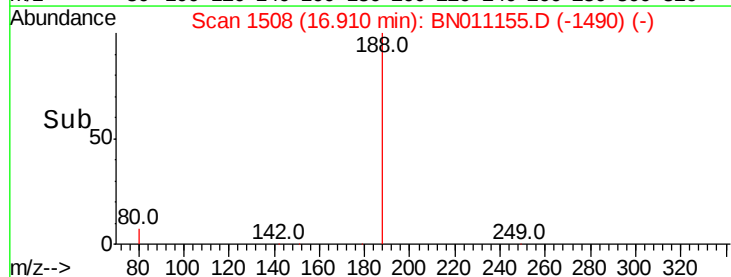
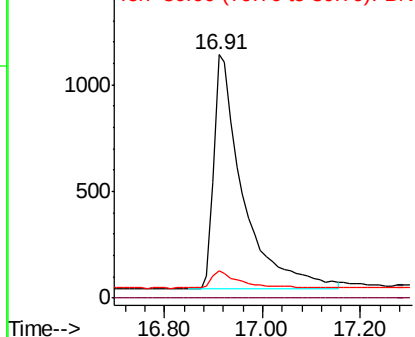


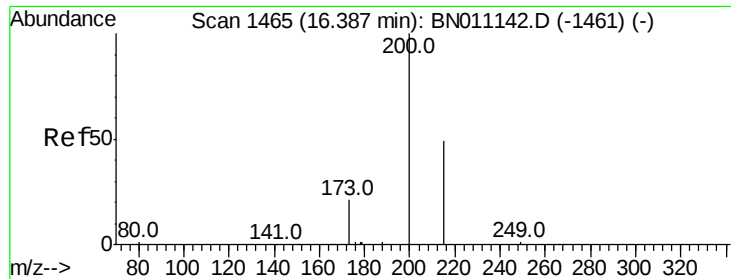
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1508
Delta R.T. 0.02 min
Lab File: BN011155.D
Acq: 13 Jul 2020 16:23

Tgt Ion:188 Resp: 4514
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 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





#23

Atrazine

Concen: 0.125 ng

RT: 16.01 min Scan# 1434

Delta R.T. -0.37 min

Lab File: BN011155.D

Acq: 13 Jul 2020 16:23

Instrument :

BNA_N

ClientSampleId :

PB130053BL

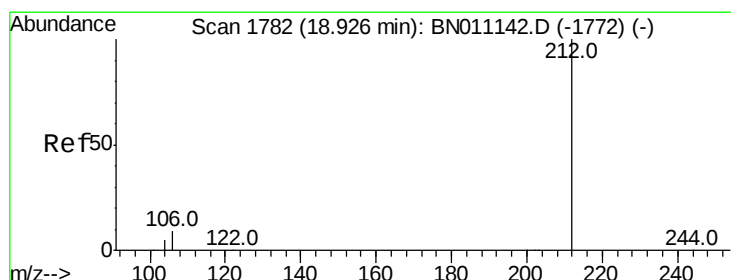
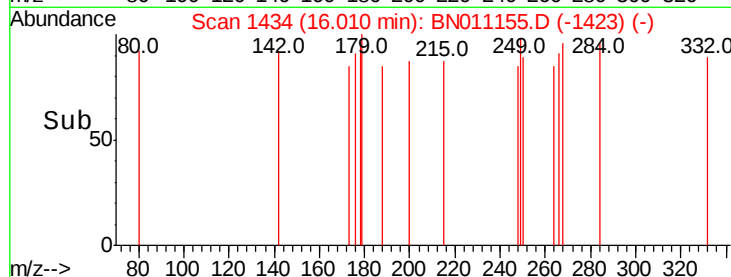
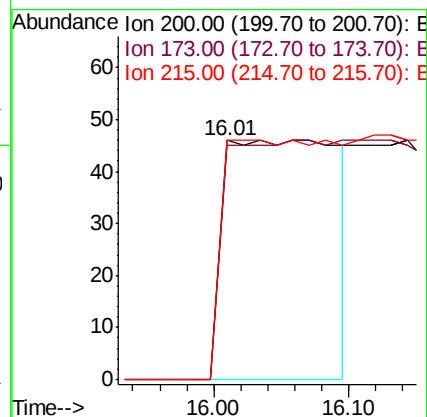
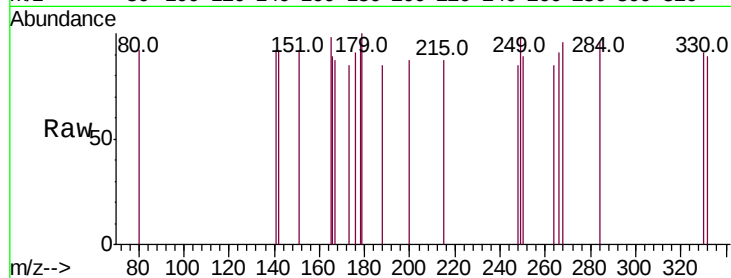
Tot Ion:200 Resp: 268

Ion Ratio Lower Upper

200 100

173 97.8 23.0 34.4#

215 100.0 42.6 63.8#



#27

Fluoranthene-d10

Concen: 0.381 ng

RT: 18.94 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BN011155.D

Acq: 13 Jul 2020 16:23

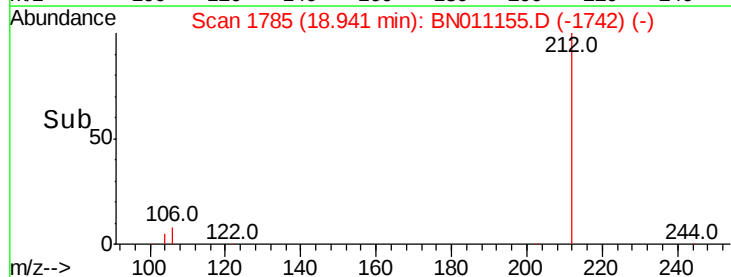
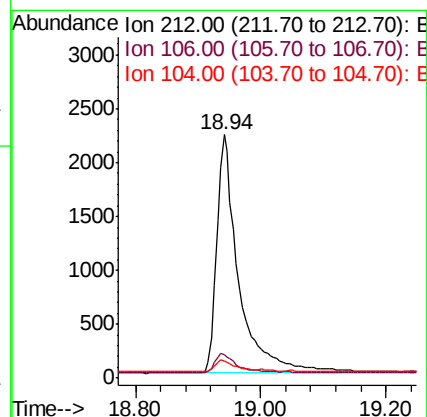
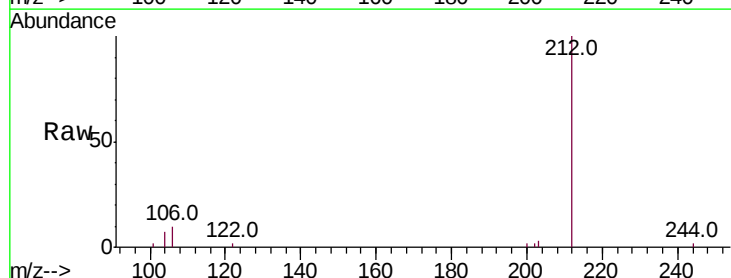
Tgt Ion:212 Resp: 5425

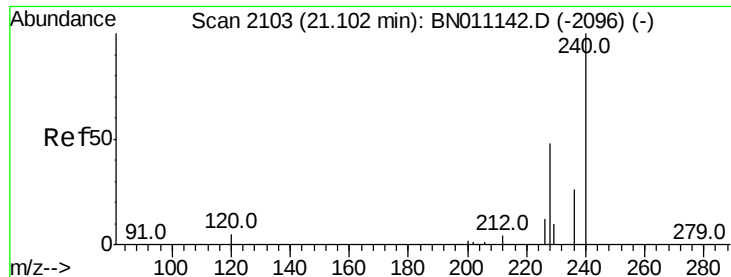
Ion Ratio Lower Upper

212 100

106 7.8 7.0 10.6

104 4.8 4.2 6.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2104

Delta R.T. 0.01 min

Lab File: BN011155.D

Acq: 13 Jul 2020 16:23

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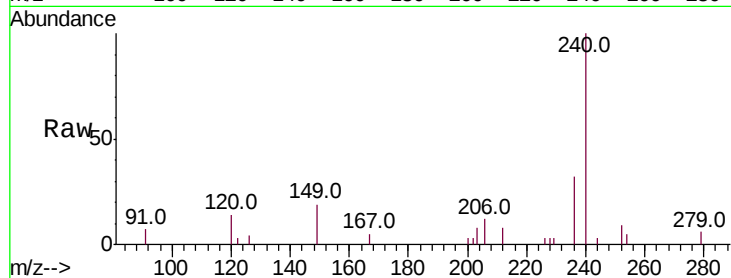
Tot Ion:240 Resp: 4415

Ion Ratio Lower Upper

240 100

120 14.0 6.5 9.7#

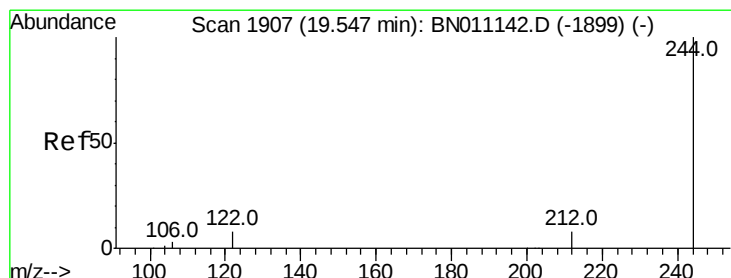
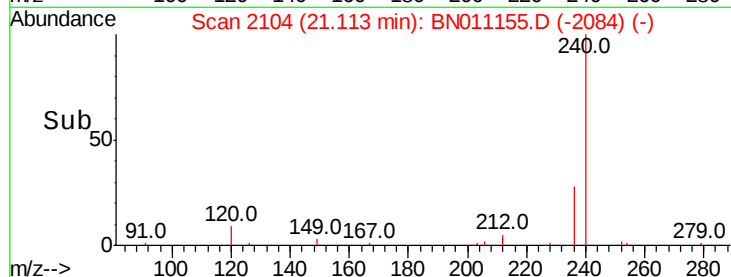
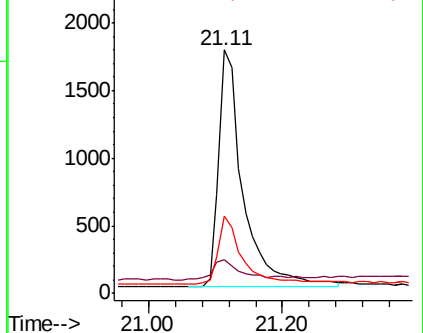
236 31.5 21.9 32.9



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: 0.713 ng

RT: 19.55 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN011155.D

Acq: 13 Jul 2020 16:23

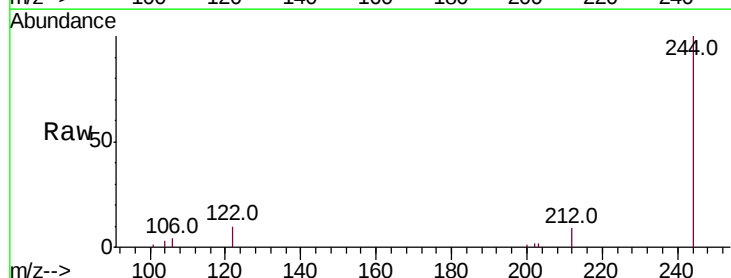
Tgt Ion:244 Resp: 8197

Ion Ratio Lower Upper

244 100

212 9.4 7.8 11.6

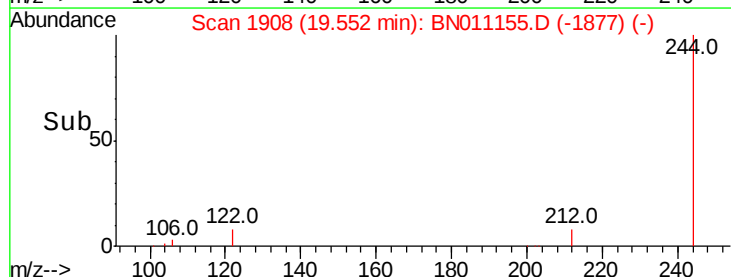
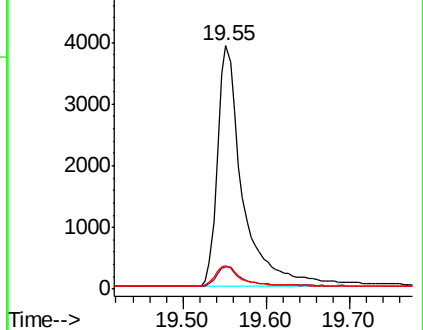
122 9.6 7.4 11.0

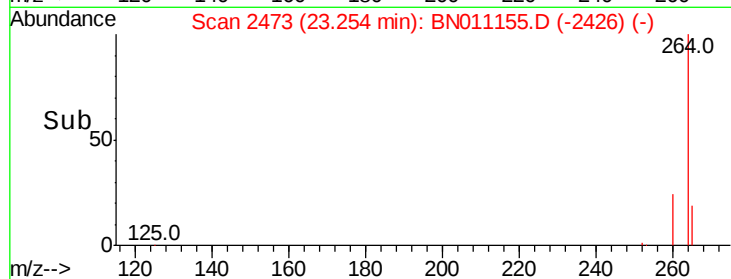
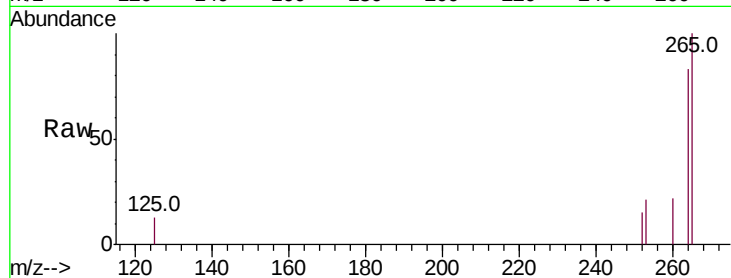
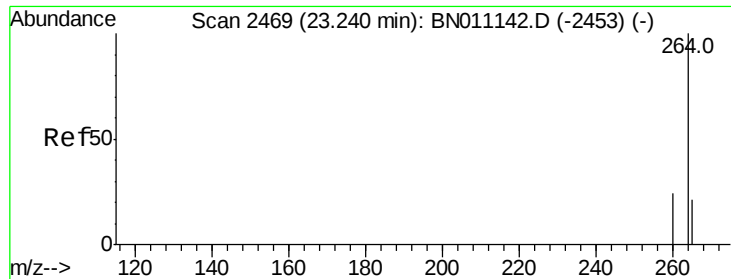


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BN011155.D

Acq: 13 Jul 2020 16:23

Instrument :

BNA_N

ClientSampleId :

PB130053BL

Tot Ion:264 Resp: 4033

Ion Ratio Lower Upper

264 100

260 26.3 20.1 30.1

265 120.8 76.6 115.0#

