

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071320\
 Data File : BN011156.D
 Acq On : 13 Jul 2020 16:59
 Operator : CG/JU
 Sample : PB130052BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

Quant Time: Jul 13 17:37:10 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

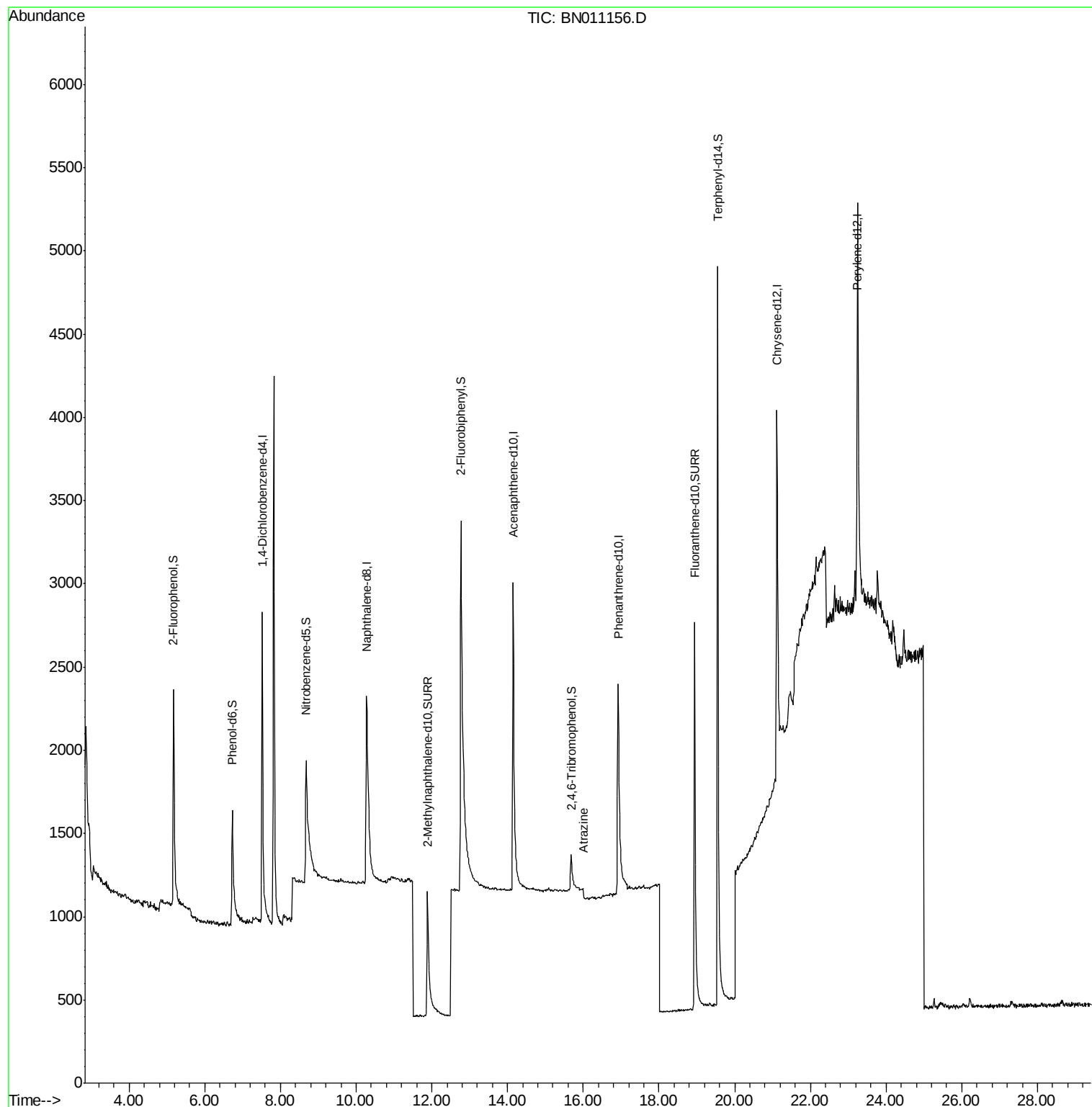
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1351	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	3744	0.40	ng	0.03
13) Acenaphthene-d10	14.14	164	2084	0.40	ng	0.01
19) Phenanthrene-d10	16.92	188	4704	0.40	ng	0.04
29) Chrysene-d12	21.11	240	3971	0.40	ng	0.01
36) Perylene-d12	23.25	264	4529	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1890	0.57	ng	0.00
5) Phenol-d6	6.73	99	1501	0.40	ng	0.00
8) Nitrobenzene-d5	8.68	82	1830	0.55	ng	0.03
11) 2-Methylnaphthalene-d10	11.89	152	2269	0.37	ng	0.03
14) 2,4,6-Tribromophenol	15.68	330	421	0.46	ng	0.04
15) 2-Fluorobiphenyl	12.77	172	4677	0.48	ng	0.03
27) Fluoranthene-d10	18.94	212	4868	0.33	ng	0.01
31) Terphenyl-d14	19.55	244	7661	0.74	ng	0.00
Target Compounds						
23) Atrazine	16.01	200	271	0.121	ng	Qvalue # 15

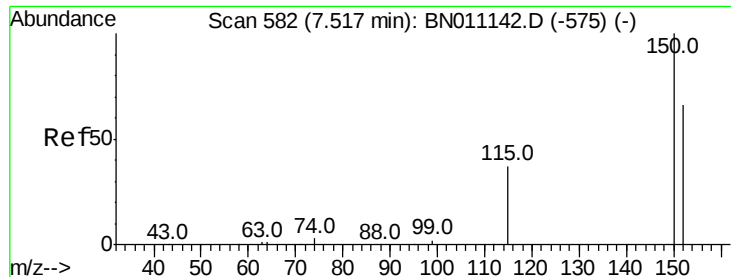
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071320\
Data File : BN011156.D
Acq On : 13 Jul 2020 16:59
Operator : CG/JU
Sample : PB130052BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB130052BL

Quant Time: Jul 13 17:37:10 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



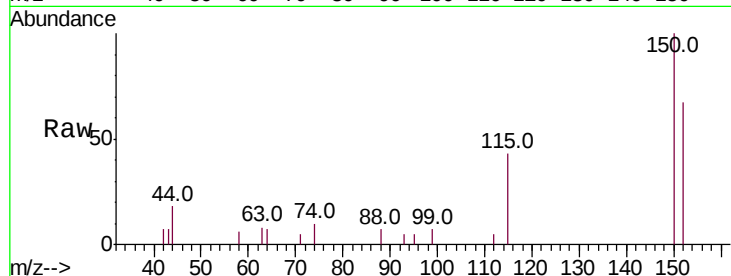


#1

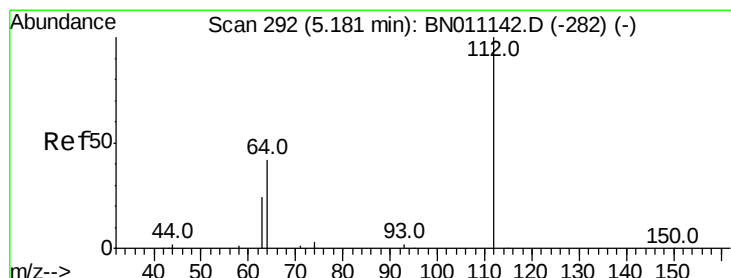
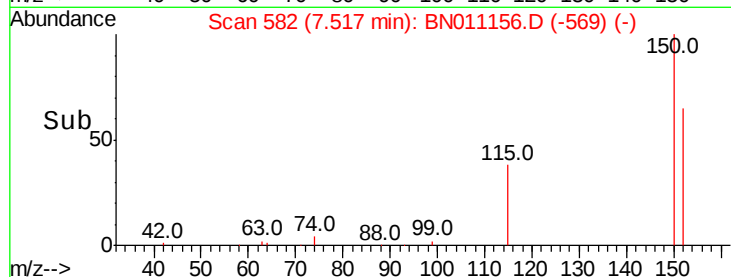
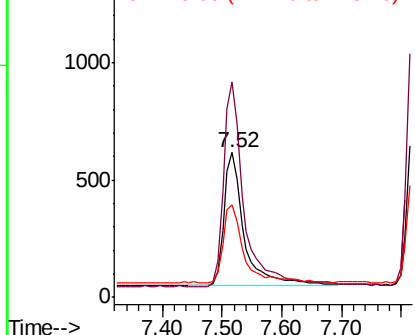
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.01 min
Lab File: BN011156.D
Acq: 13 Jul 2020 16:59

Instrument :
BNA_N
ClientSampleId :
PB130052BL

Tot Ion:152 Resp: 1351
Ion Ratio Lower Upper
152 100
150 149.3 119.4 179.0
115 64.0 48.3 72.5



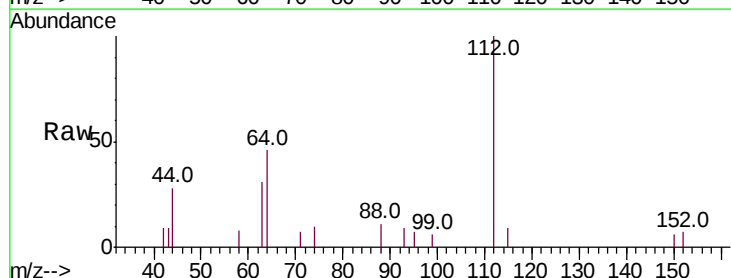
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



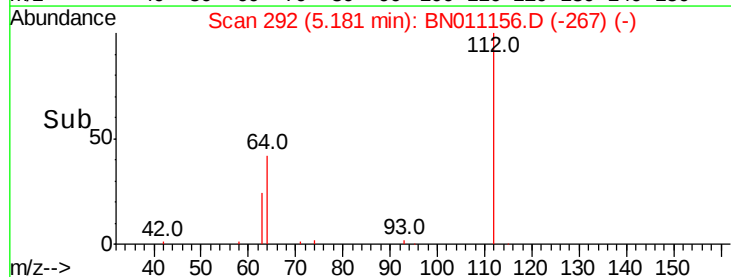
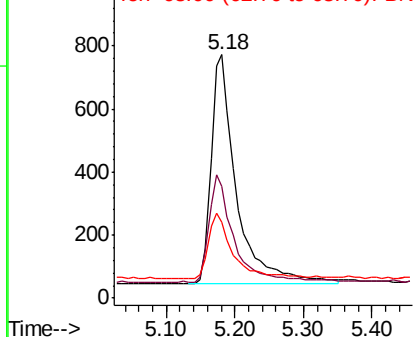
#4

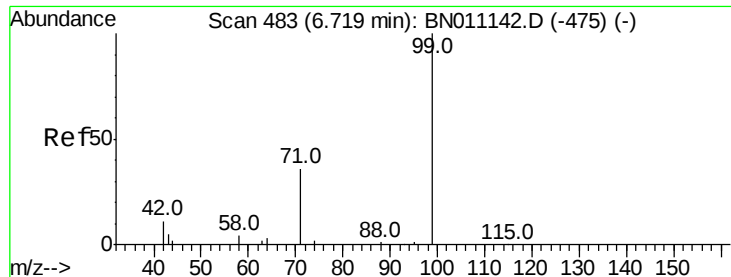
2-Fluorophenol
Concen: 0.567 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.00 min
Lab File: BN011156.D
Acq: 13 Jul 2020 16:59

Tgt Ion:112 Resp: 1890
Ion Ratio Lower Upper
112 100
64 45.9 36.7 55.1
63 27.5 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: 0.399 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.01 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Instrument :

BNA_N

ClientSampleId :

PB130052BL

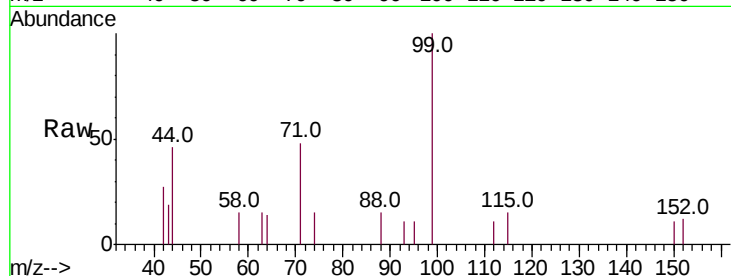
Tot Ion: 99 Resp: 1501

Ion Ratio Lower Upper

99 100

42 12.8 10.8 16.2

71 38.8 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

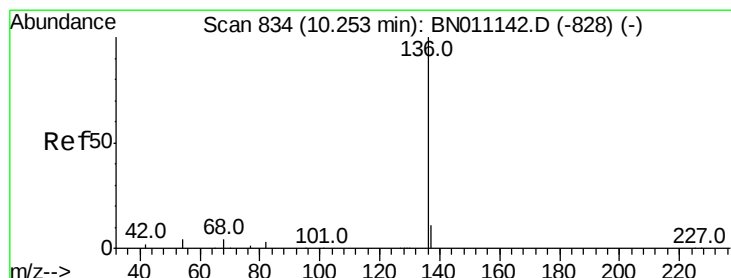
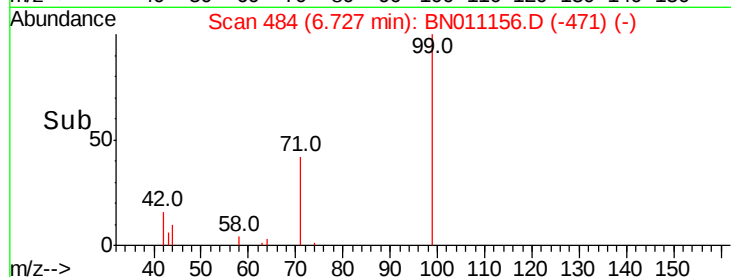
200

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: BN011156.D

Acq: 13 Jul 2020 16:59

Tgt Ion: 136 Resp: 3744

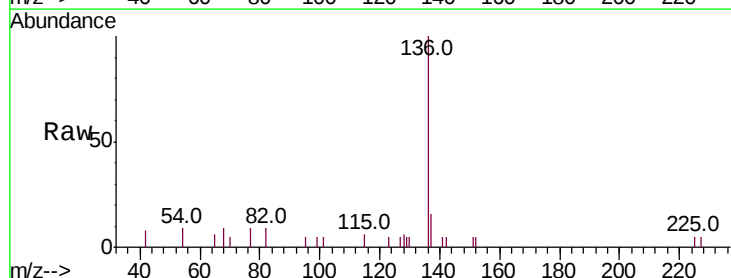
Ion Ratio Lower Upper

136 100

137 15.9 10.3 15.5#

54 9.5 4.9 7.3#

68 9.2 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

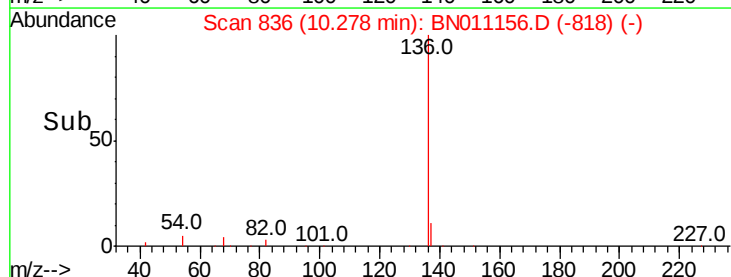
1000

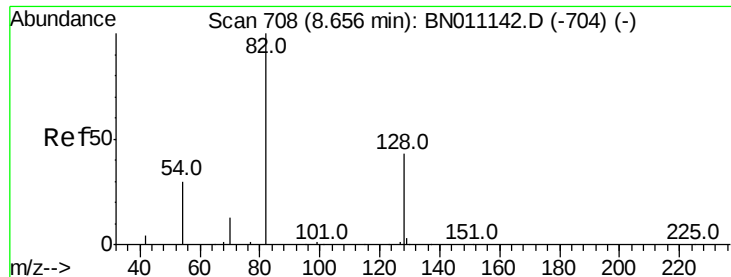
500

0

10.10 10.20 10.30 10.40

Time-->





#8

Nitrobenzene-d5

Concen: 0.551 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.03 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Instrument :

BNA_N

ClientSampleId :

PB130052BL

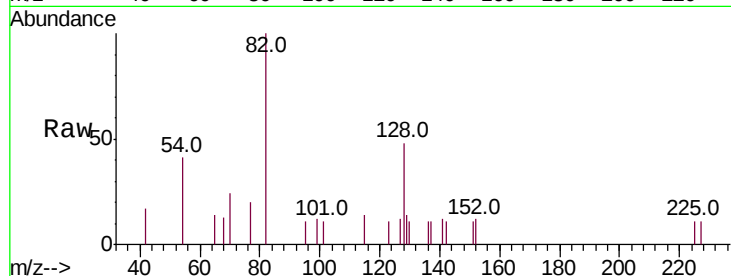
Tot Ion: 82 Resp: 1830

Ion Ratio Lower Upper

82 100

128 47.6 38.1 57.1

54 41.2 27.1 40.7#

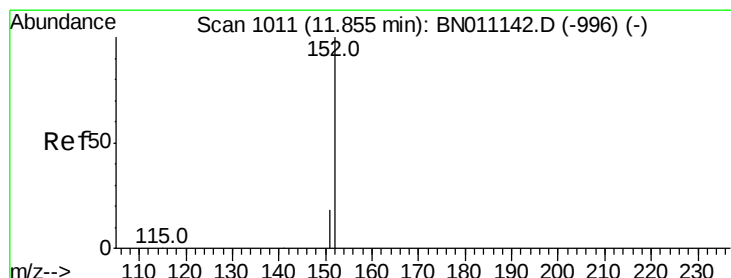
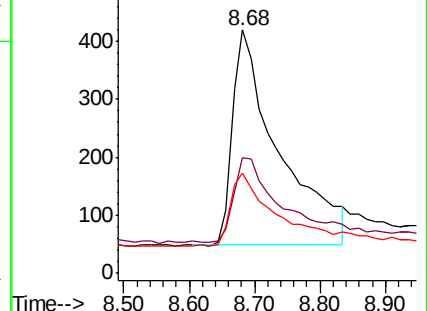
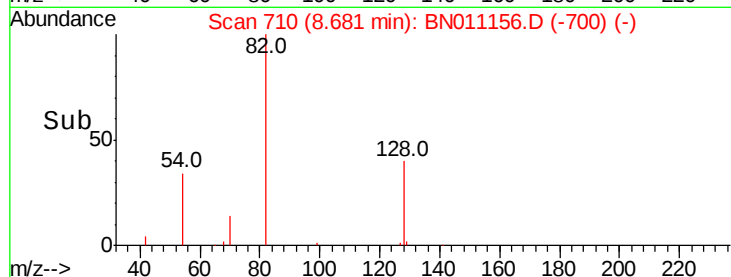


Abundance Ion 82.00 (81.70 to 82.70): BN011142.D (-704) (-)

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

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

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 11.89 min Scan# 1018

Delta R.T. 0.03 min

Lab File: BN011156.D

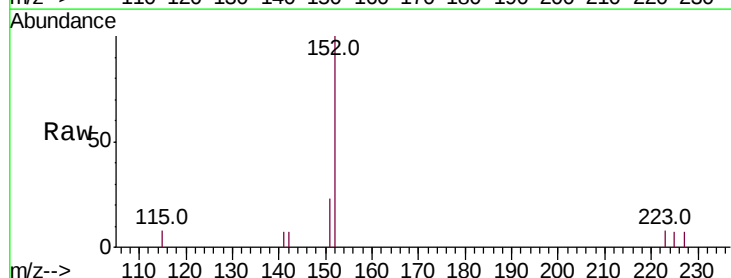
Acq: 13 Jul 2020 16:59

Tgt Ion: 152 Resp: 2269

Ion Ratio Lower Upper

152 100

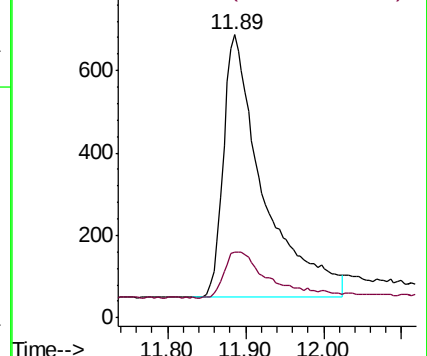
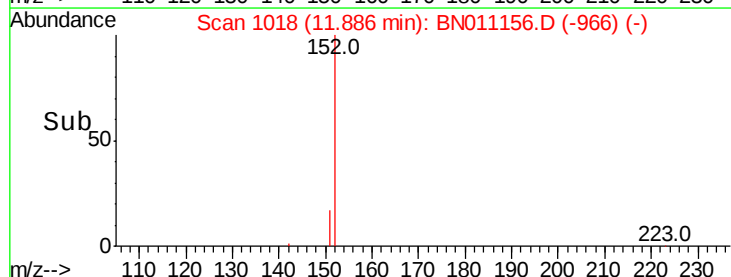
151 18.9 16.5 24.7

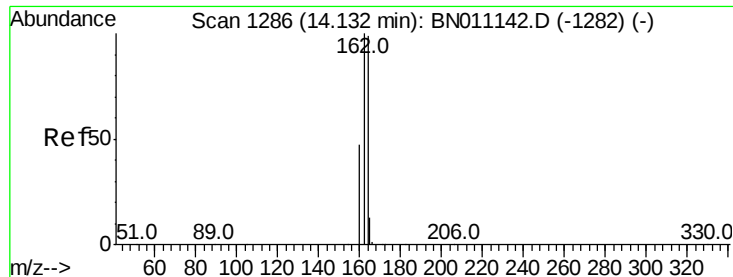


Abundance Ion 152.00 (151.70 to 152.70): BN011142.D (-996) (-)

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

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Instrument :

BNA_N

ClientSampleId :

PB130052BL

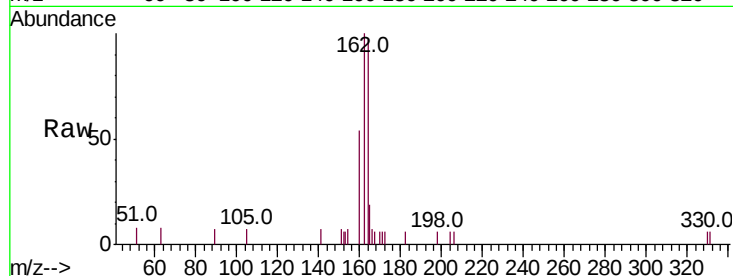
Tot Ion:164 Resp: 2084

Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

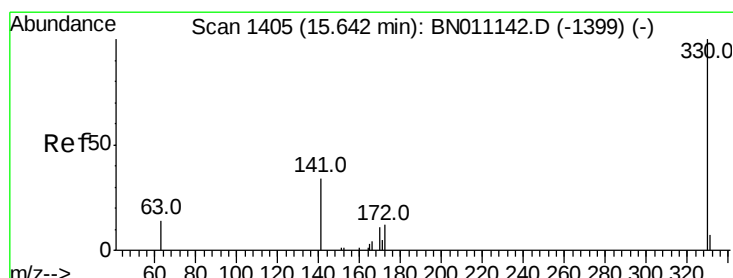
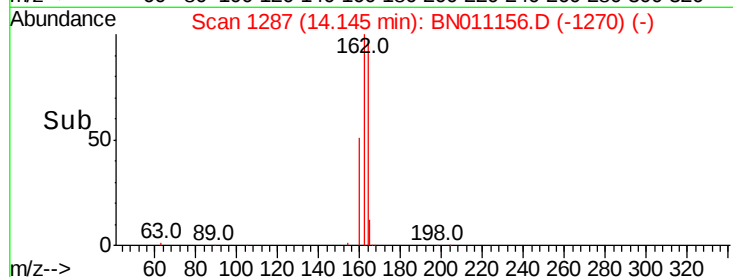
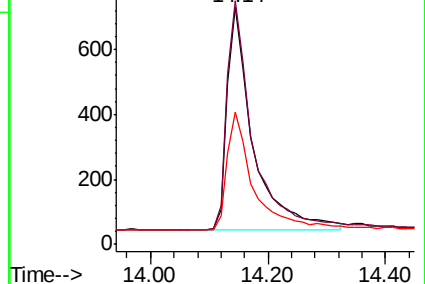
160 55.8 39.0 58.6



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: 0.455 ng

RT: 15.68 min Scan# 1408

Delta R.T. 0.04 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

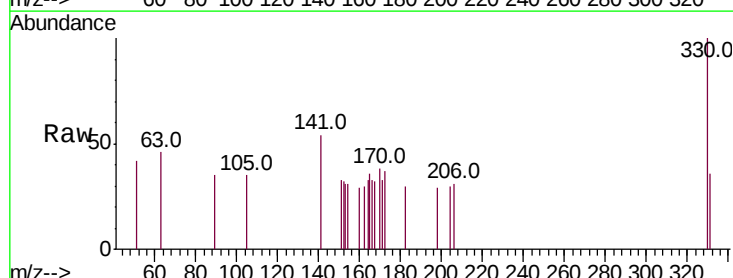
Tgt Ion:330 Resp: 421

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

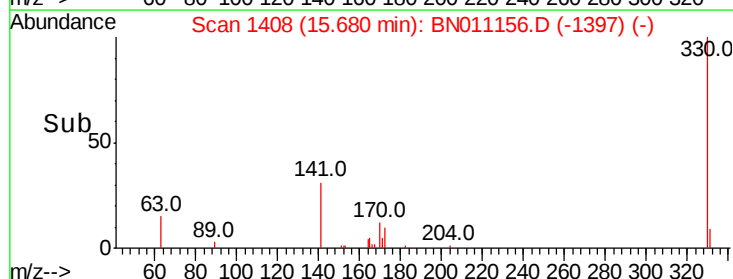
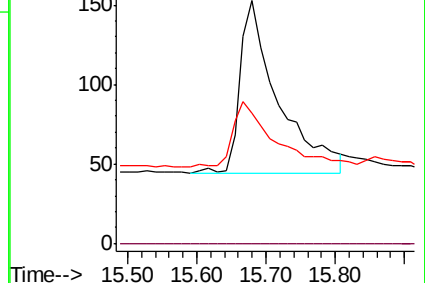
141 40.4 31.5 47.3

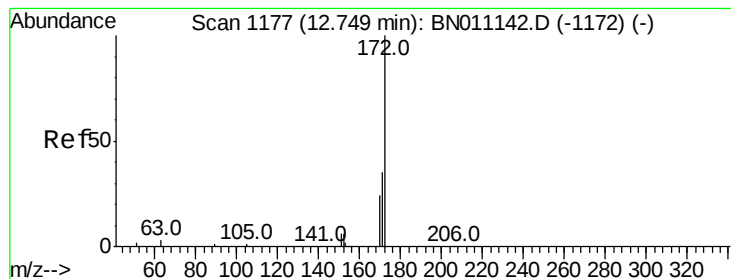


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.479 ng

RT: 12.77 min Scan# 1179

Delta R.T. 0.03 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Instrument :

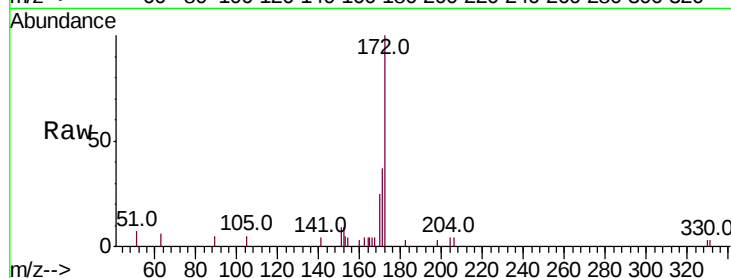
BNA_N

ClientSampleId :

PB130052BL

Tot Ion:172 Resp: 4677

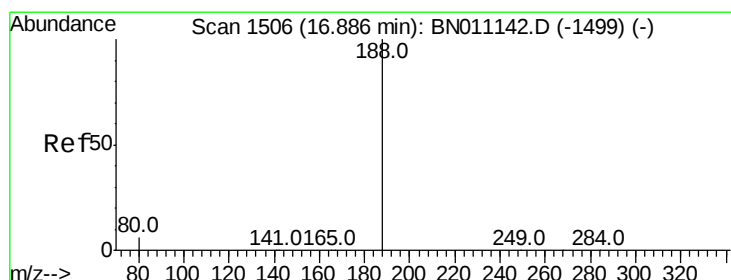
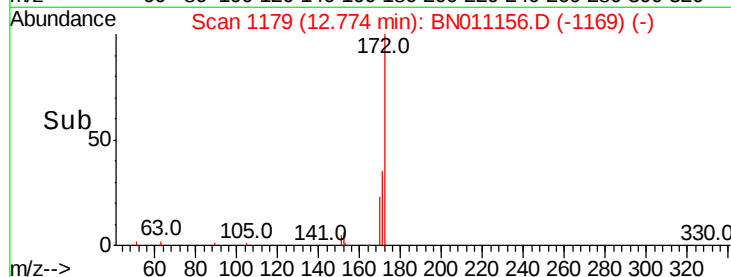
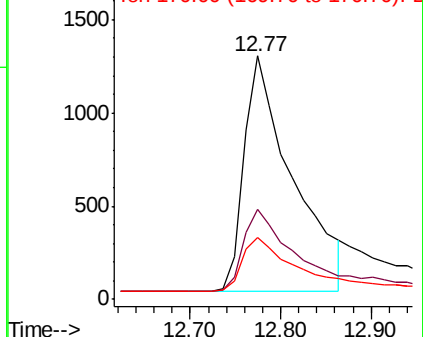
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	25.3	20.3	30.5



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: 16.92 min Scan# 1509

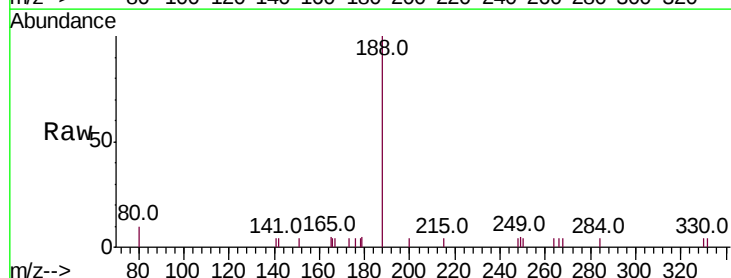
Delta R.T. 0.04 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Tgt Ion:188 Resp: 4704

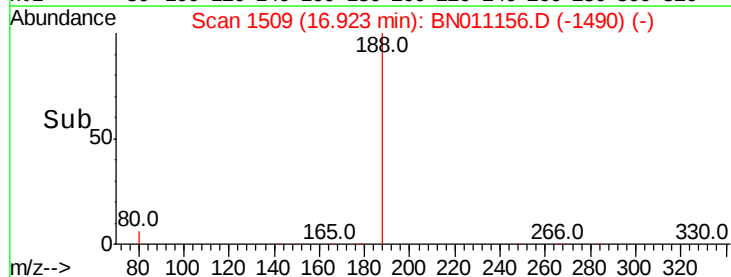
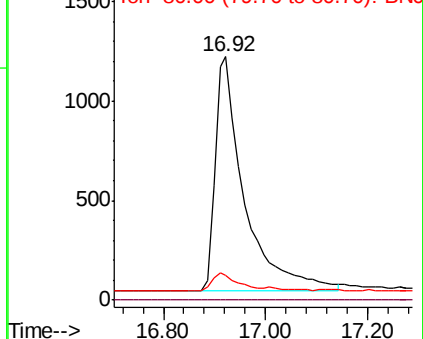
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	6.3	9.5

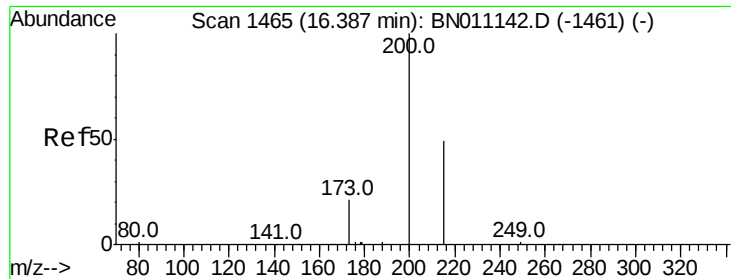


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Atrazine

Concen: 0.121 ng

RT: 16.01 min Scan# 1434

Delta R.T. -0.37 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Instrument :

BNA_N

ClientSampleId :

PB130052BL

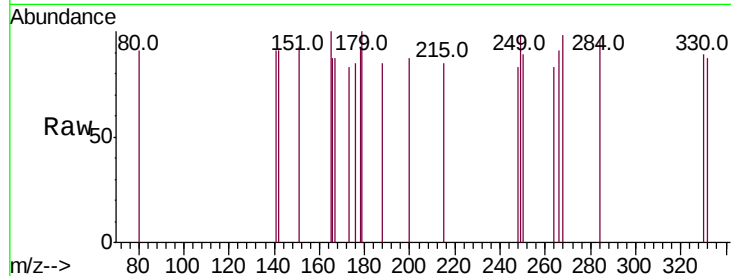
Tot Ion:200 Resp: 271

Ion Ratio Lower Upper

200 100

173 95.7 23.0 34.4#

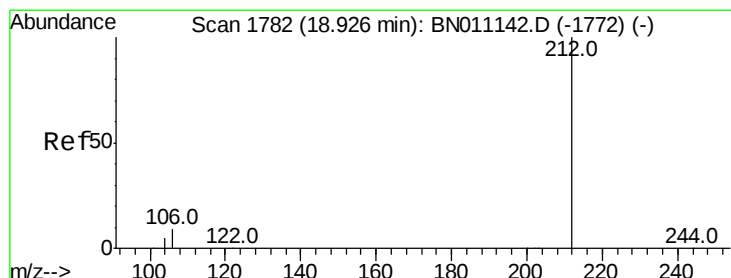
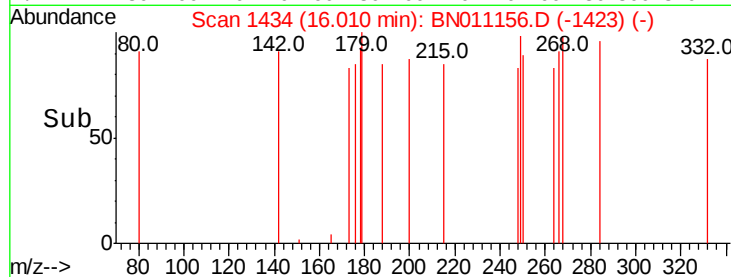
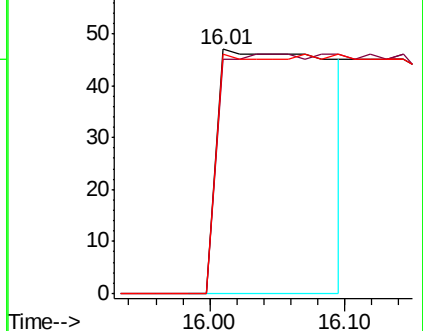
215 97.9 42.6 63.8#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#27

Fluoranthene-d10

Concen: 0.328 ng

RT: 18.94 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

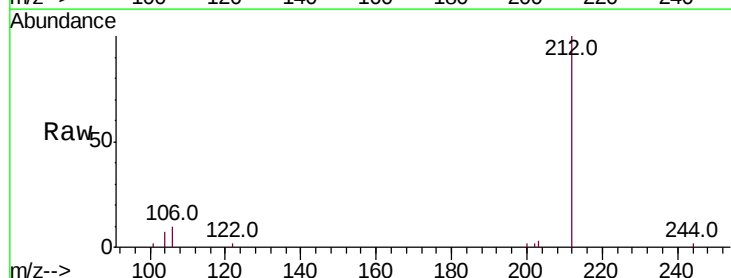
Tgt Ion:212 Resp: 4868

Ion Ratio Lower Upper

212 100

106 8.1 7.0 10.6

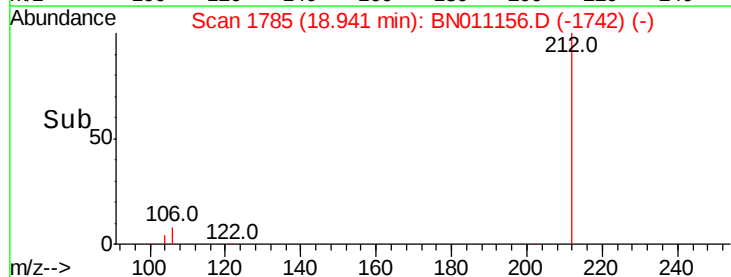
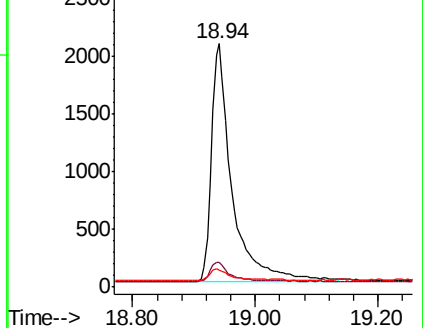
104 4.9 4.2 6.4

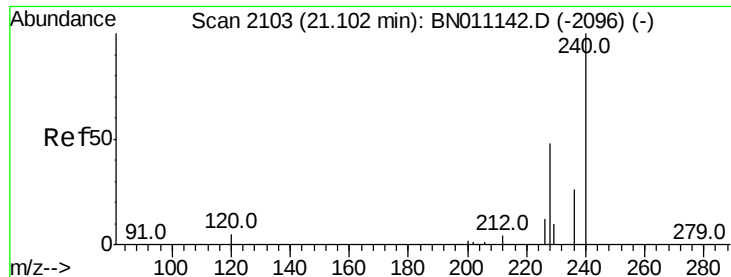


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN011156.D

Acq: 13 Jul 2020 16:59

Instrument :

BNA_N

ClientSampleId :

PB130052BL

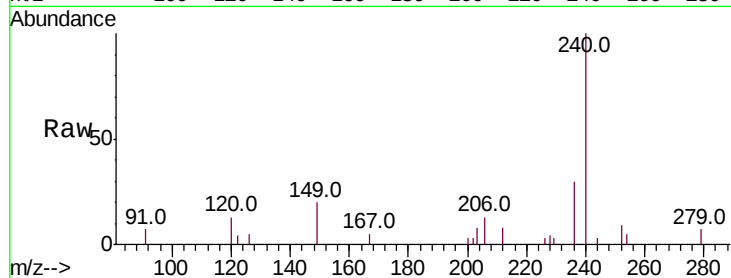
Tot Ion:240 Resp: 3971

Ion Ratio Lower Upper

240 100

120 12.6 6.5 9.7#

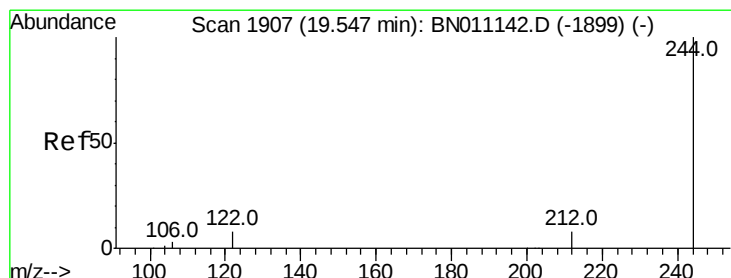
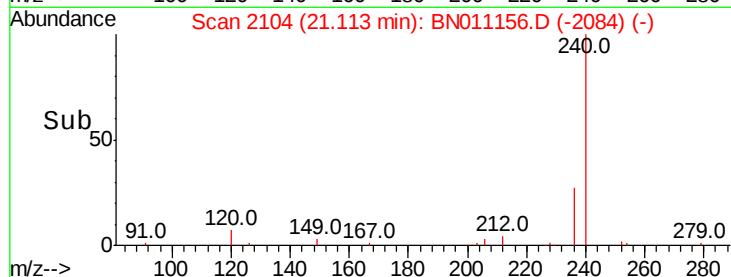
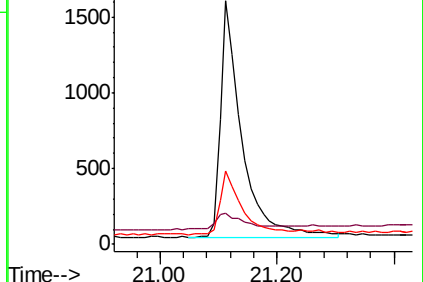
236 29.9 21.9 32.9



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: 0.741 ng

RT: 19.55 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

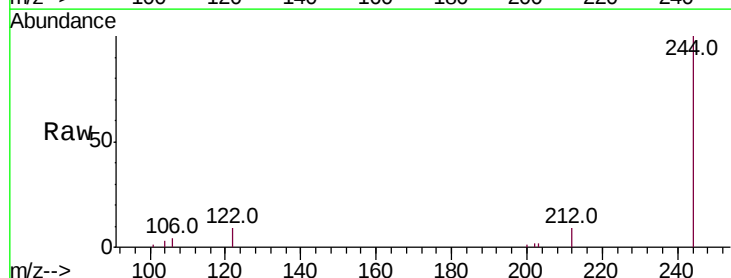
Tgt Ion:244 Resp: 7661

Ion Ratio Lower Upper

244 100

212 9.4 7.8 11.6

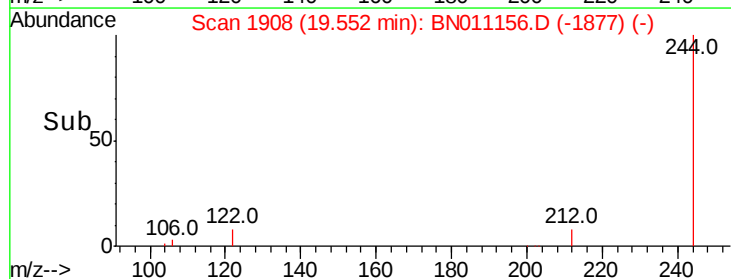
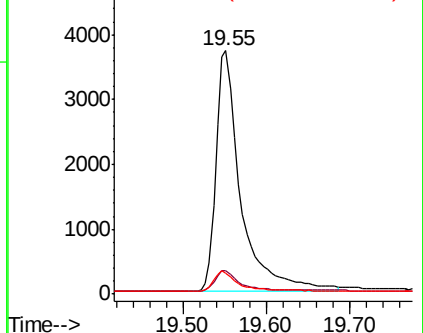
122 8.7 7.4 11.0

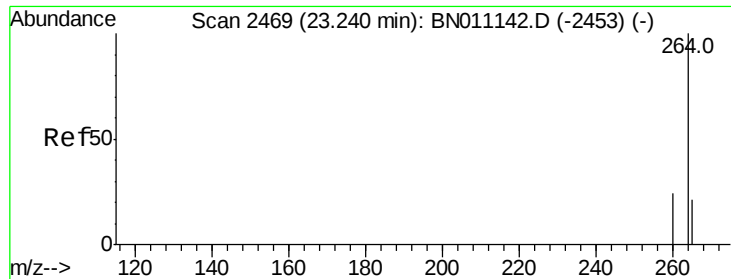


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2472
 Delta R.T. 0.01 min
 Lab File: BN011156.D
 Acq: 13 Jul 2020 16:59

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

Tot Ion:264 Resp: 4529
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.1 30.1
 265 127.0 76.6 115.0#

