

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070720\
 Data File : BN011113.D
 Acq On : 07 Jul 2020 13:31
 Operator : CG/JU
 Sample : PB129932BL
 Misc : MDL-WTR-PBBL-06
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129932BL

Quant Time: Jul 07 14:02:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 13:23:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2113	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	6356	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3367	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	7065	0.40	ng	0.01
29) Chrysene-d12	21.11	240	5850	0.40	ng	0.01
36) Perylene-d12	23.25	264	5994	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.17	112	1382	0.26	ng	0.00
5) Phenol-d6	6.72	99	1404	0.23	ng	0.00
8) Nitrobenzene-d5	8.66	82	1789	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	3966	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	327	0.23	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	4768	0.30	ng	0.01
27) Fluoranthene-d10	18.93	212	9389	0.44	ng	0.00
31) Terphenyl-d14	19.55	244	6028	0.40	ng	0.00

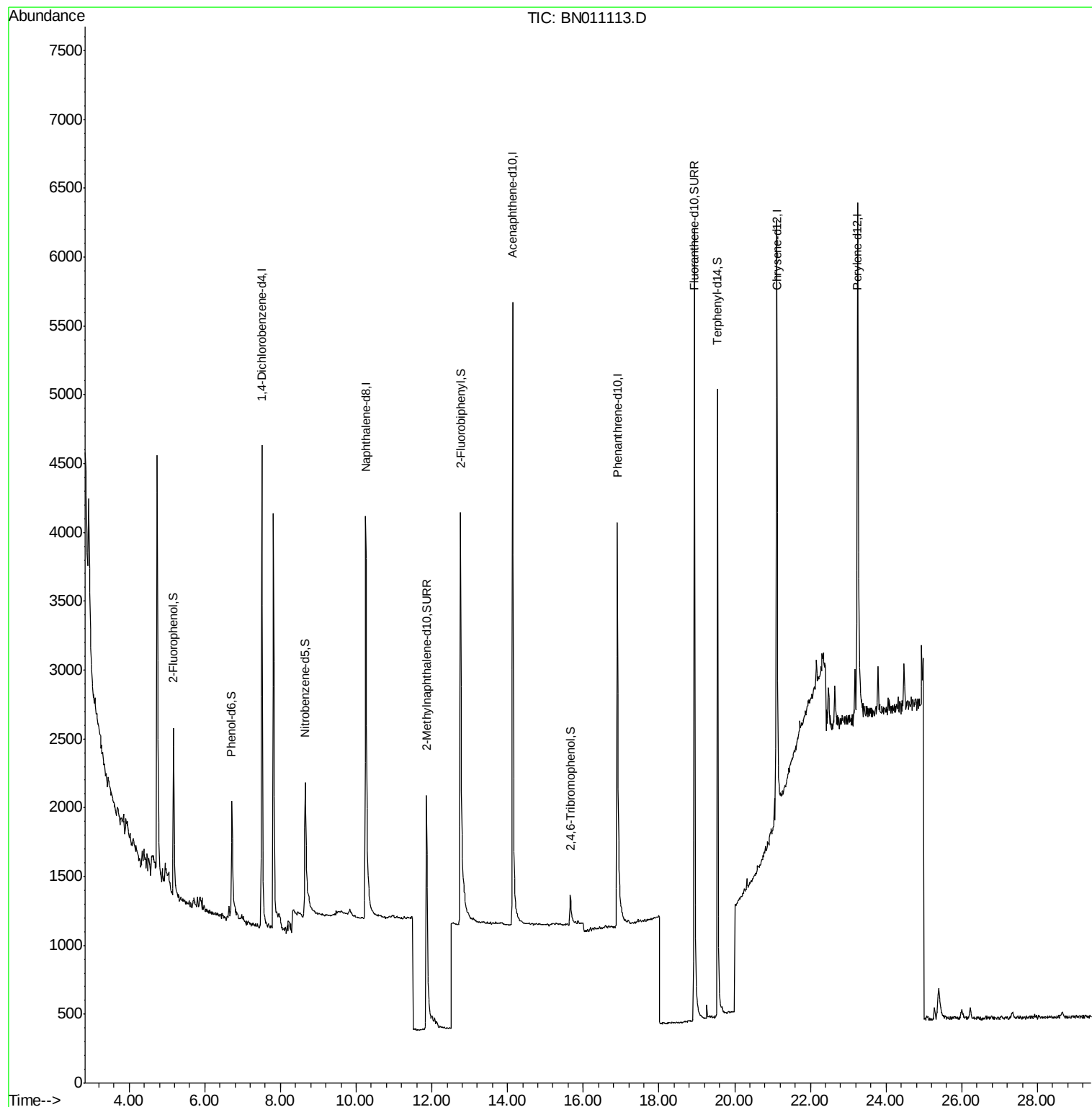
Target Compounds	Qvalue

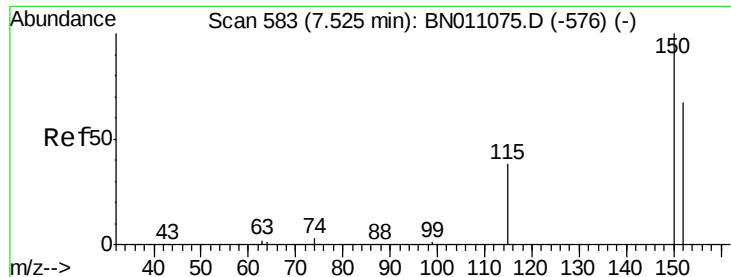
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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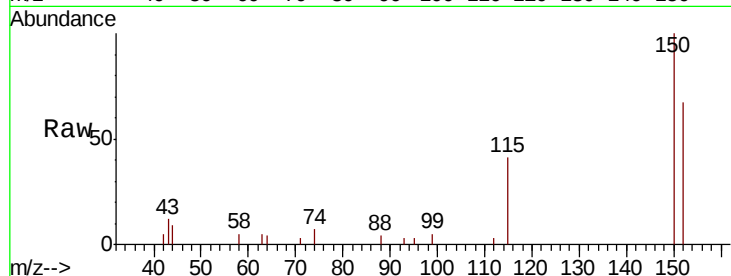


#1

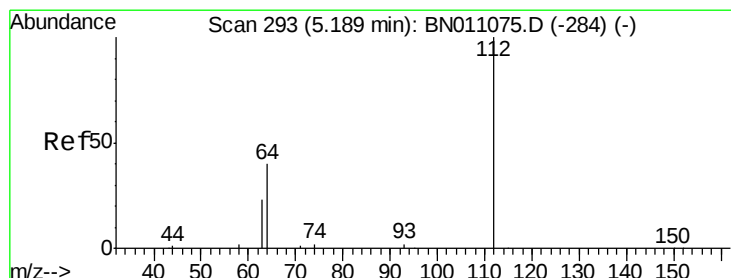
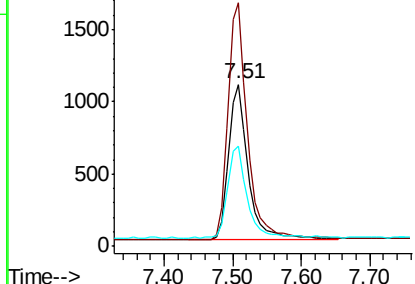
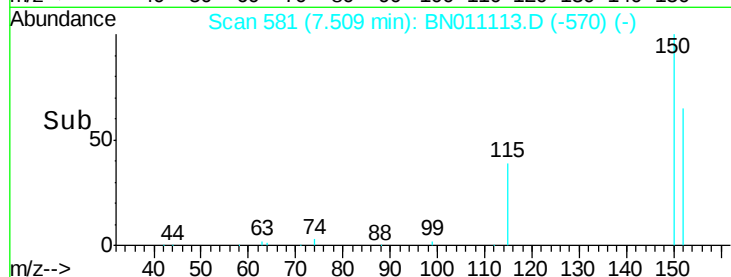
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.01 min
Lab File: BN011113.D
Acq: 07 Jul 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB129932BL

Tot Ion:152 Resp: 2113
Ion Ratio Lower Upper
152 100
150 150.3 117.4 176.0
115 61.9 47.9 71.9



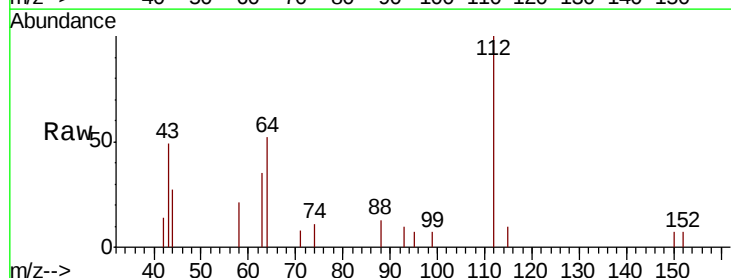
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



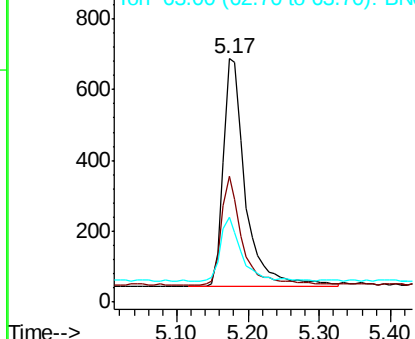
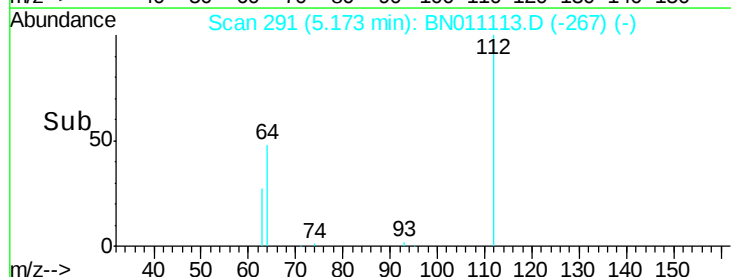
#4

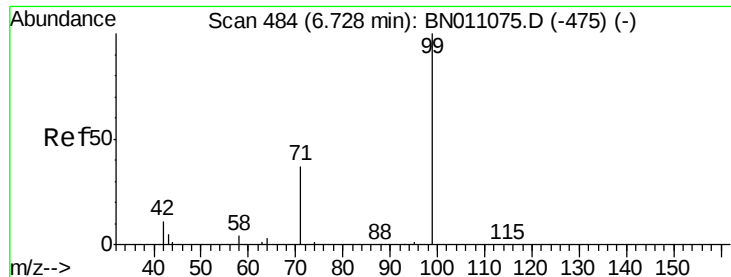
2-Fluorophenol
Concen: 0.263 ng
RT: 5.17 min Scan# 291
Delta R.T. -0.01 min
Lab File: BN011113.D
Acq: 07 Jul 2020 13:31

Tgt Ion:112 Resp: 1382
Ion Ratio Lower Upper
112 100
64 44.9 36.5 54.7
63 27.9 20.6 30.8



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: 0.232 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.00 min

Lab File: BN011113.D

Acq: 07 Jul 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB129932BL

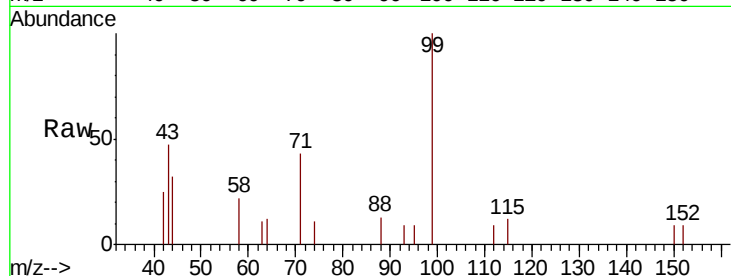
Tot Ion: 99 Resp: 1404

Ion Ratio Lower Upper

99 100

42 12.0 9.8 14.8

71 38.7 30.7 46.1

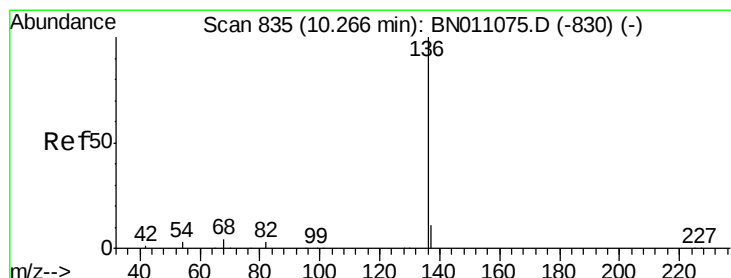
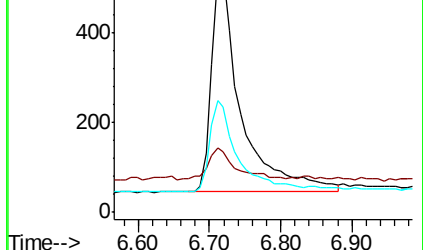
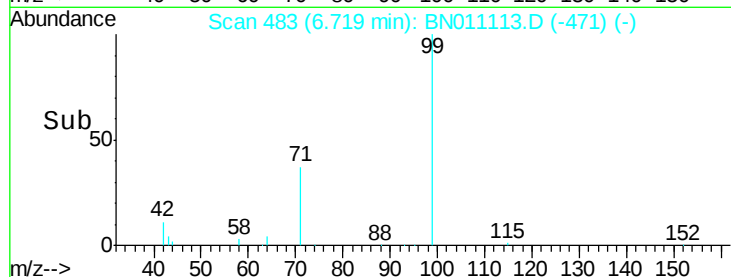


Abundance Ion 99.00 (98.70 to 99.70): BN011075.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011075.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011075.D (-475) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN011113.D

Acq: 07 Jul 2020 13:31

Tgt Ion: 136 Resp: 6356

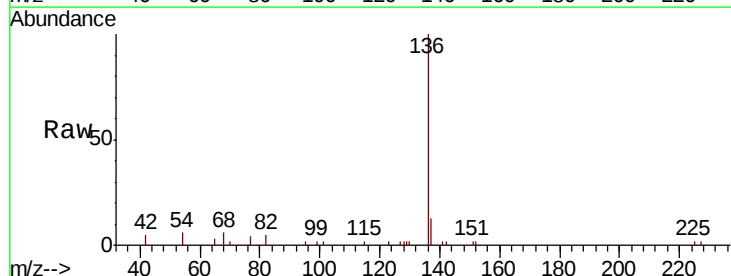
Ion Ratio Lower Upper

136 100

137 12.5 9.6 14.4

54 6.4 3.8 5.6#

68 5.9 4.3 6.5



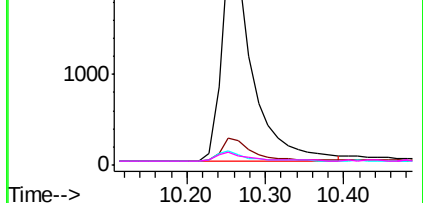
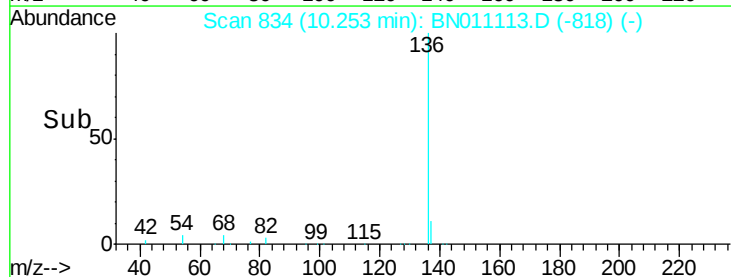
Abundance Ion 136.00 (135.70 to 136.70): BN011075.D (-830) (-)

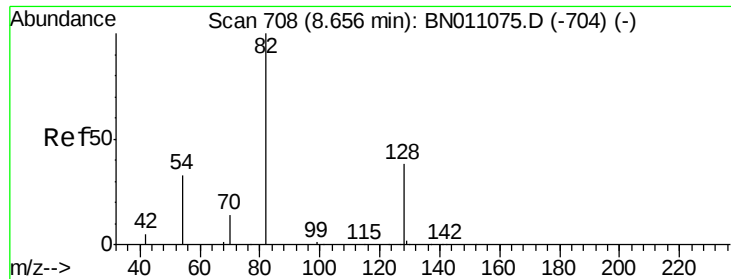
Ion 137.00 (136.70 to 137.70): BN011075.D (-830) (-)

Ion 54.00 (53.70 to 54.70): BN011075.D (-830) (-)

Ion 68.00 (67.70 to 68.70): BN011075.D (-830) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.331 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011113.D

Acq: 07 Jul 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB129932BL

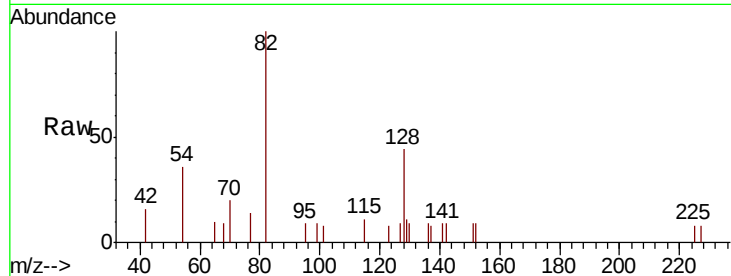
Tot Ion: 82 Resp: 1789

Ion Ratio Lower Upper

82 100

128 44.4 34.2 51.2

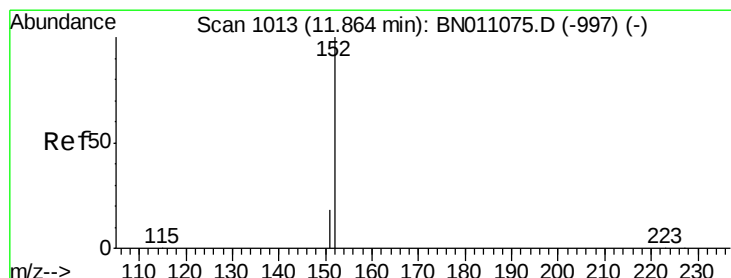
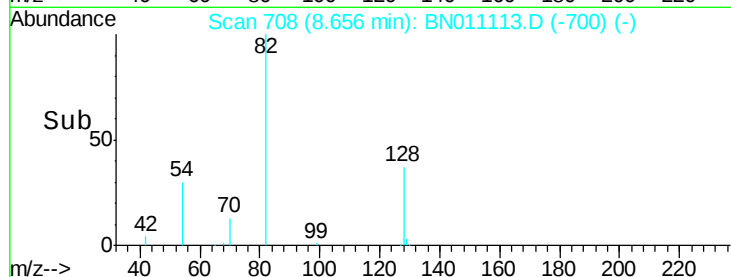
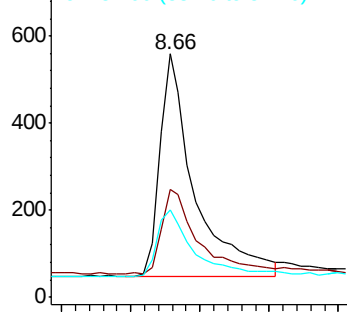
54 36.1 29.4 44.0



Abundance Ion 82.00 (81.70 to 82.70): BN011113.D (-700) (-)

Ion 128.00 (127.70 to 128.70): BN011113.D (-700) (-)

Ion 54.00 (53.70 to 54.70): BN011113.D (-700) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 11.86 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BN011113.D

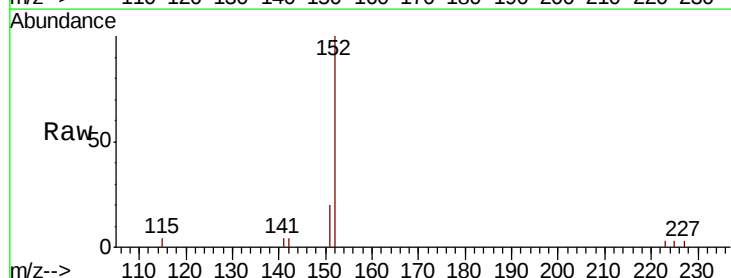
Acq: 07 Jul 2020 13:31

Tgt Ion: 152 Resp: 3966

Ion Ratio Lower Upper

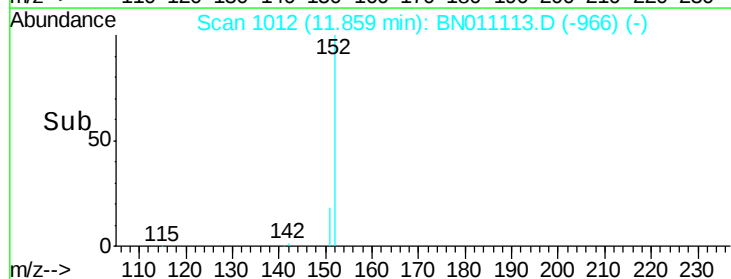
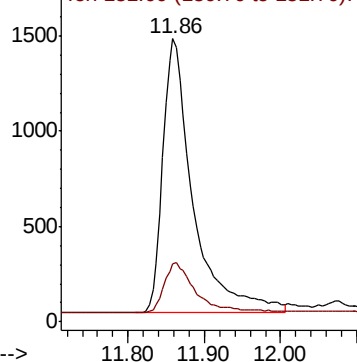
152 100

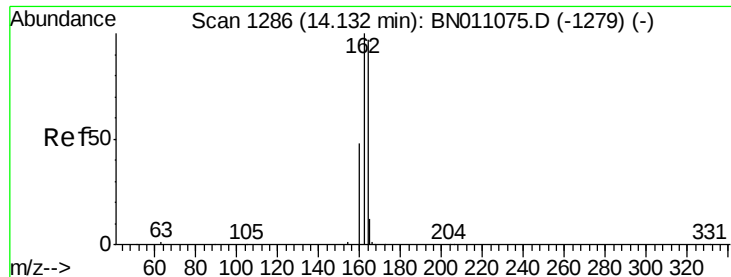
151 18.9 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): BN011113.D (-966) (-)

Ion 151.00 (150.70 to 151.70): BN011113.D (-966) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011113.D

Acq: 07 Jul 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB129932BL

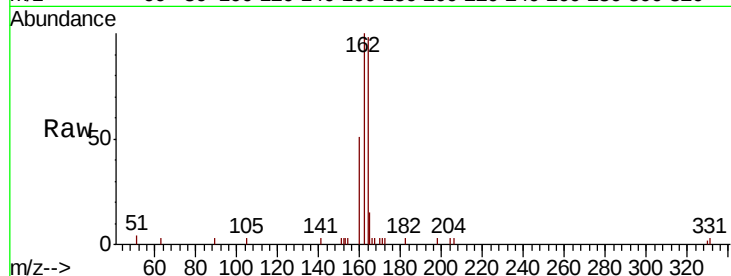
Tot Ion:164 Resp: 3367

Ion Ratio Lower Upper

164 100

162 101.7 82.3 123.5

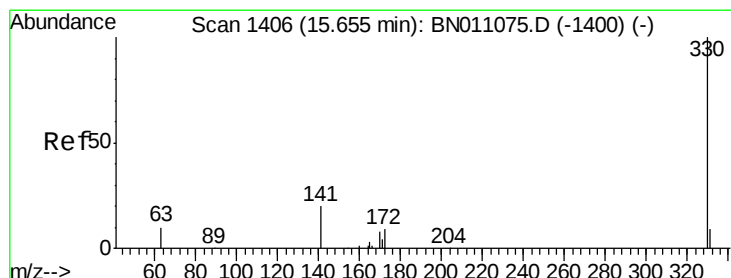
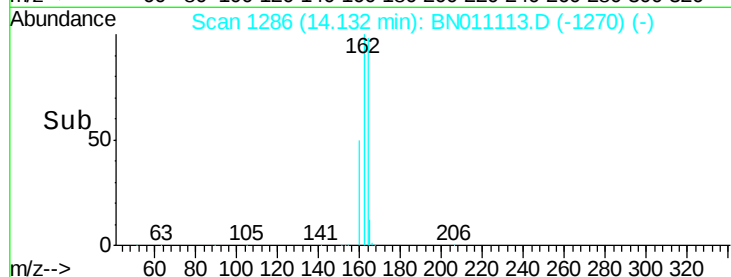
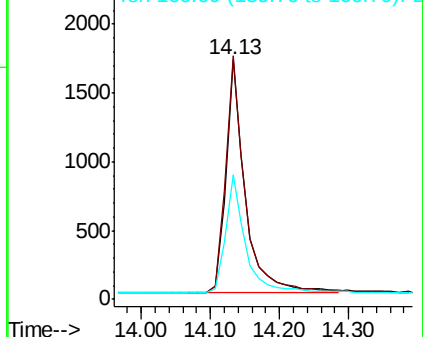
160 51.9 40.6 61.0



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: 0.231 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN011113.D

Acq: 07 Jul 2020 13:31

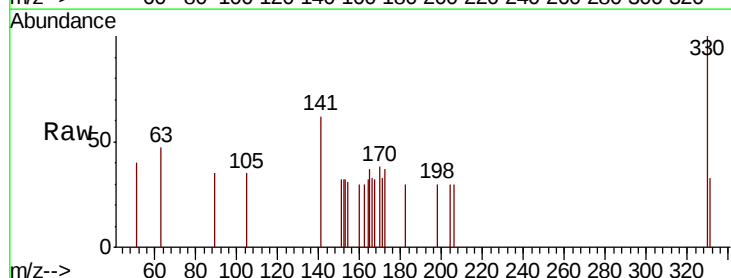
Tgt Ion:330 Resp: 327

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

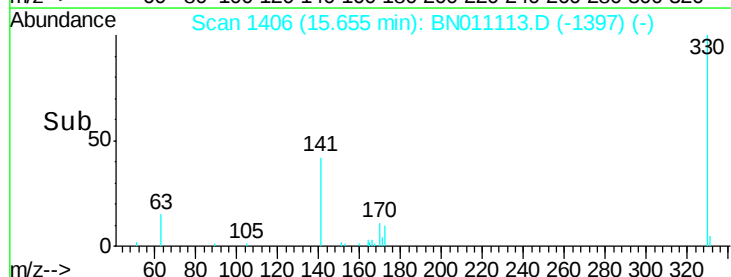
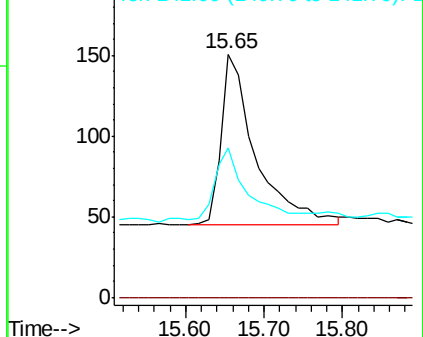
141 42.5 32.6 49.0

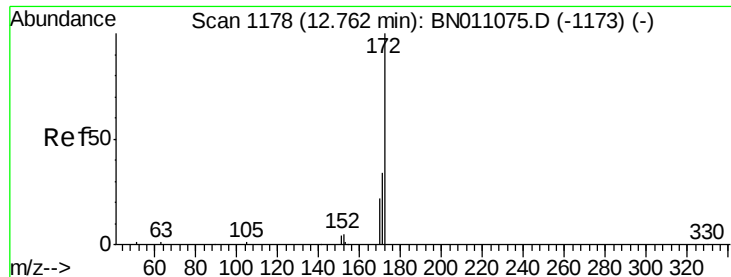


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

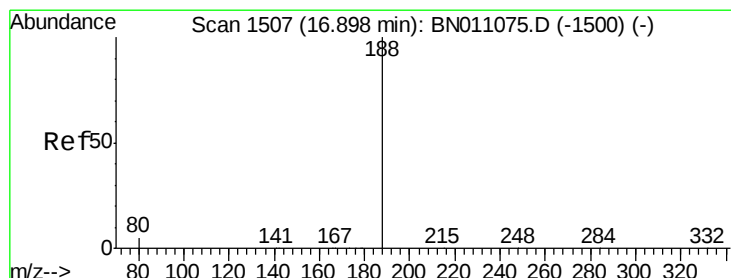
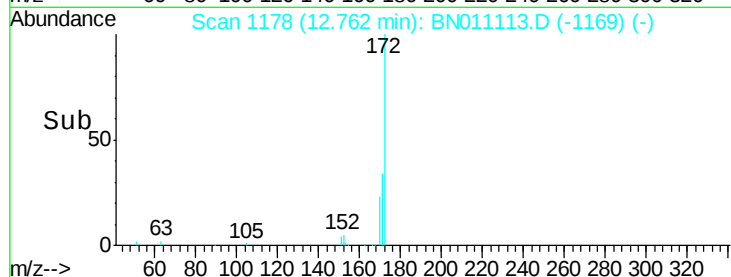
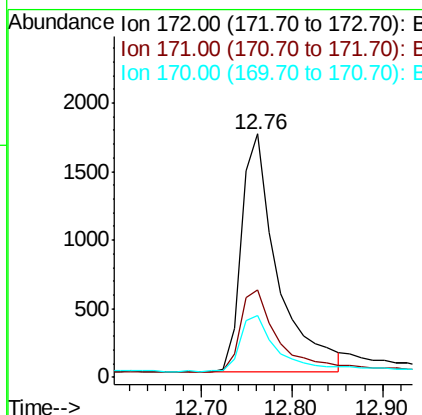
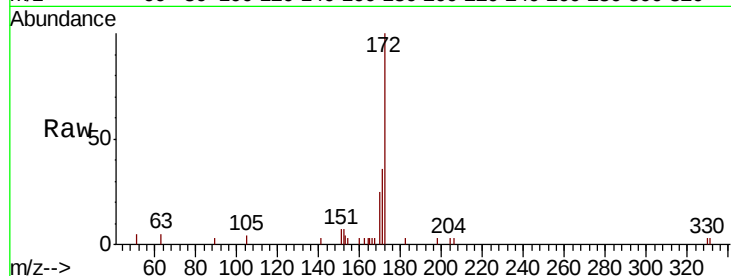




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN011113.D
Acq: 07 Jul 2020 13:31

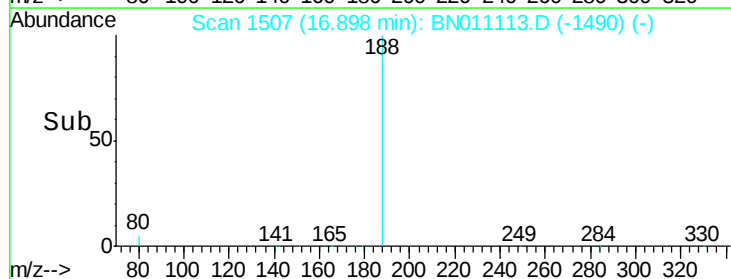
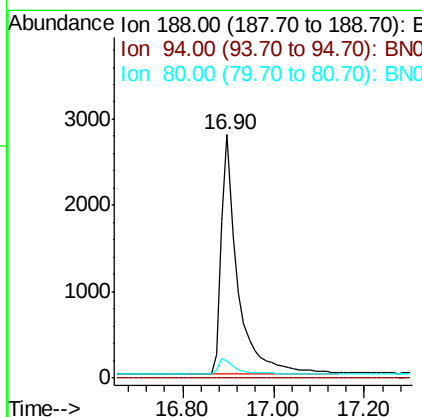
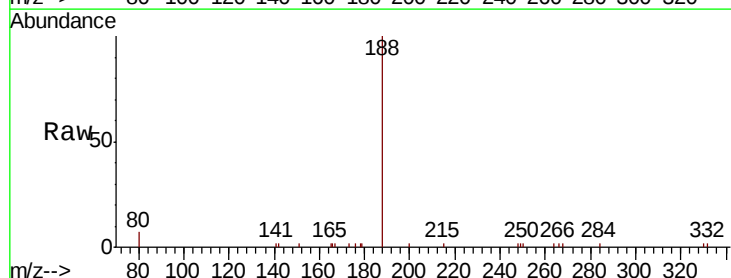
Instrument :
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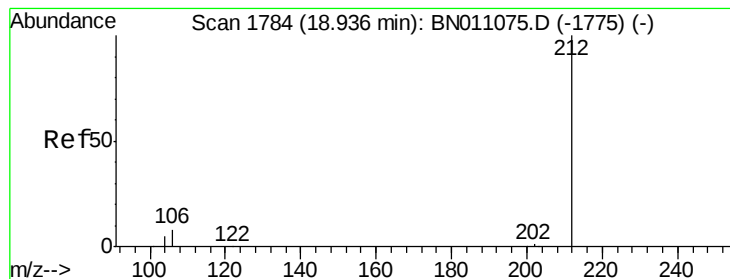
Tot Ion:172 Resp: 4768
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 25.3 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BN011113.D
Acq: 07 Jul 2020 13:31

Tgt Ion:188 Resp: 7065
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 5.3 7.9





#27

Fluoranthene-d10

Concen: 0.439 ng

RT: 18.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BN011113.D

Acq: 07 Jul 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB129932BL

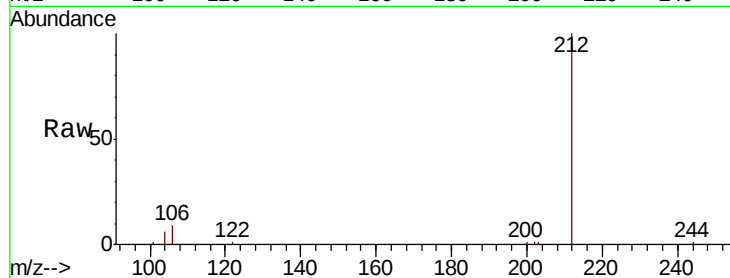
Tot Ion:212 Resp: 9389

Ion Ratio Lower Upper

212 100

106 7.8 7.1 10.7

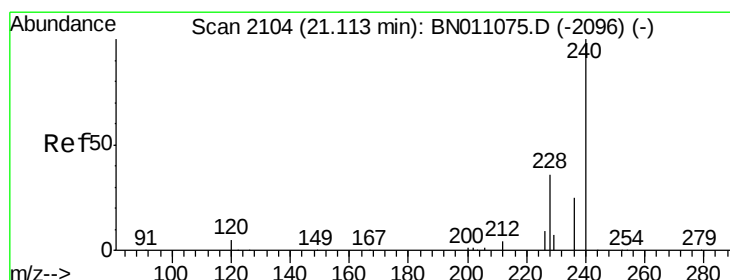
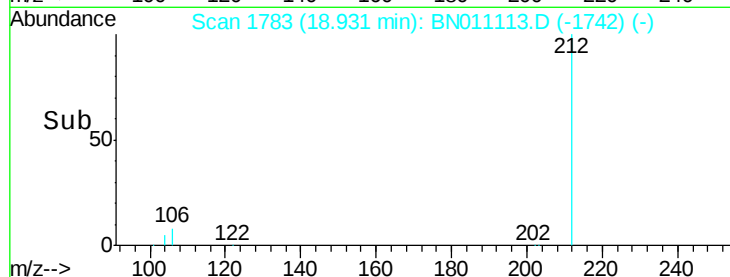
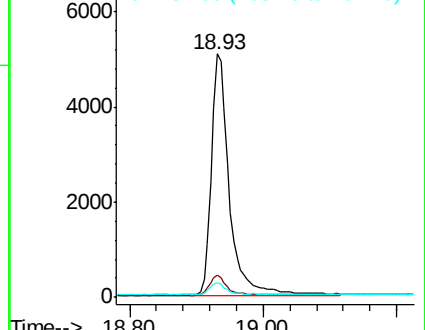
104 4.9 4.2 6.4



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: BN011113.D

Acq: 07 Jul 2020 13:31

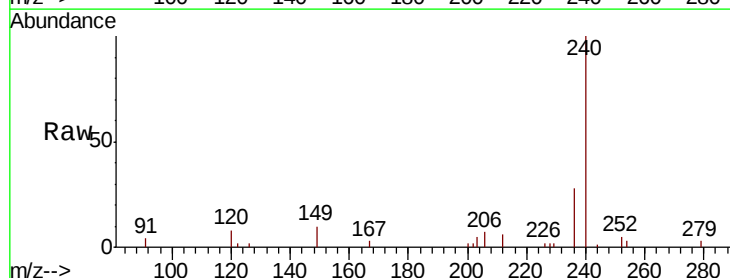
Tgt Ion:240 Resp: 5850

Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

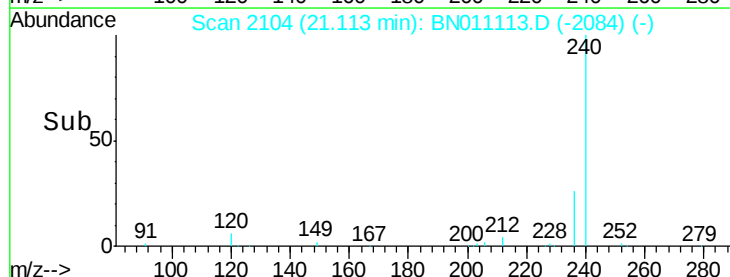
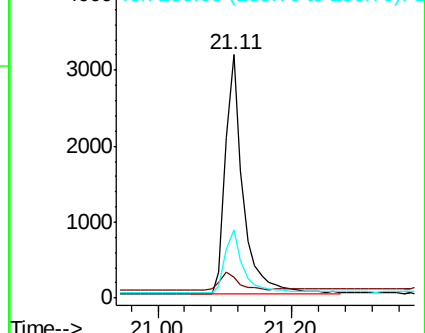
236 28.0 21.9 32.9

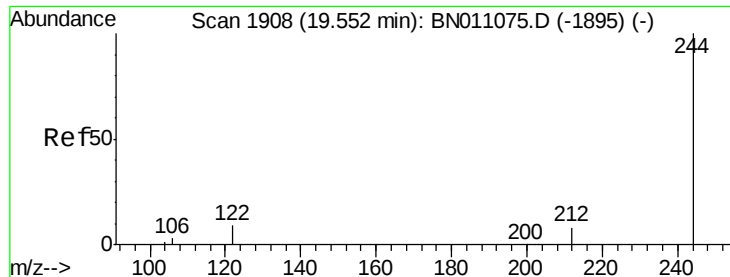


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.396 ng

RT: 19.55 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BN011113.D

Acq: 07 Jul 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB129932BL

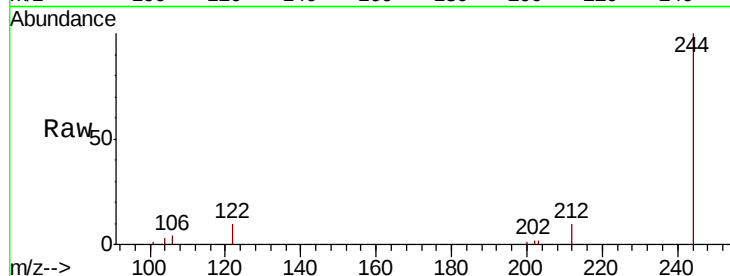
Tot Ion:244 Resp: 6028

Ion Ratio Lower Upper

244 100

212 10.1 7.5 11.3

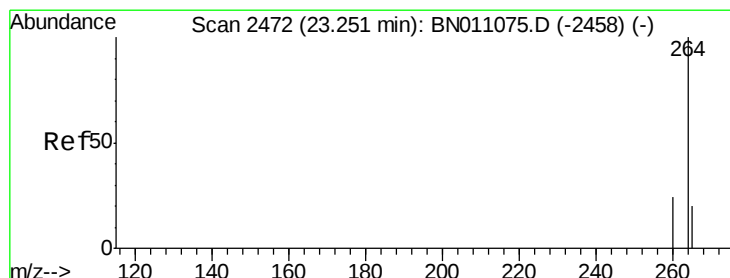
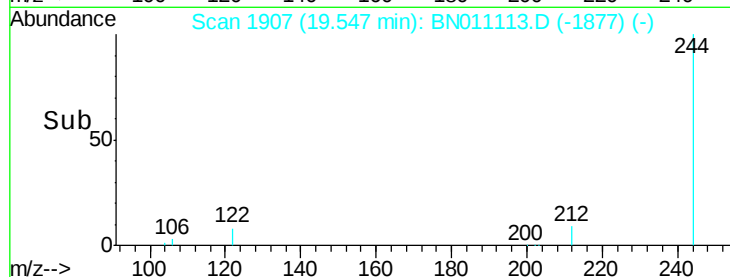
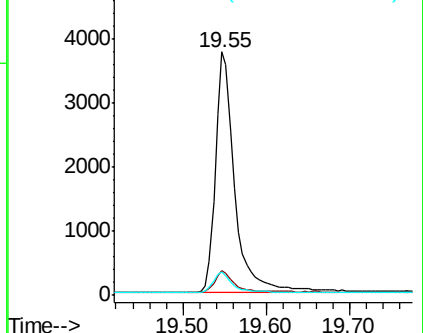
122 9.6 8.2 12.4



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: BN011113.D

Acq: 07 Jul 2020 13:31

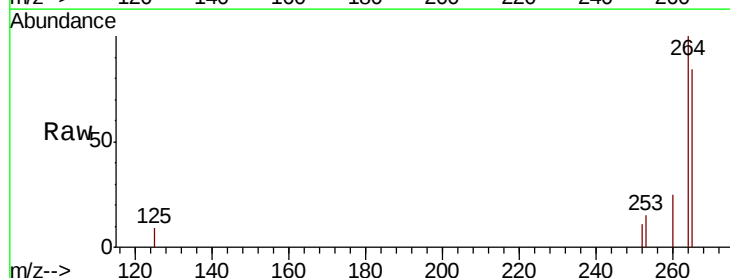
Tgt Ion:264 Resp: 5994

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 83.8 83.0 124.6



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

