

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070620\
 Data File : BN011104.D
 Acq On : 06 Jul 2020 13:02
 Operator : CG/JU
 Sample : PB129903BL
 Misc : MDL-WTR-PBBL-05
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129903BL

Quant Time: Jul 06 13:38:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 06 12:31:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1966	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	5532	0.40	ng	0.01
13) Acenaphthene-d10	14.14	164	2951	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	6038	0.40	ng	0.02
29) Chrysene-d12	21.11	240	5219	0.40	ng	0.01
36) Perylene-d12	23.26	264	5242	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	1265	0.26	ng	0.00
5) Phenol-d6	6.73	99	1203	0.21	ng	0.00
8) Nitrobenzene-d5	8.68	82	1394	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	11.88	152	3562	0.37	ng	0.02
14) 2,4,6-Tribromophenol	15.68	330	269	0.22	ng	0.04
15) 2-Fluorobiphenyl	12.77	172	4066	0.29	ng	0.03
27) Fluoranthene-d10	18.94	212	7474	0.41	ng	0.01
31) Terphenyl-d14	19.56	244	5211	0.38	ng	0.00

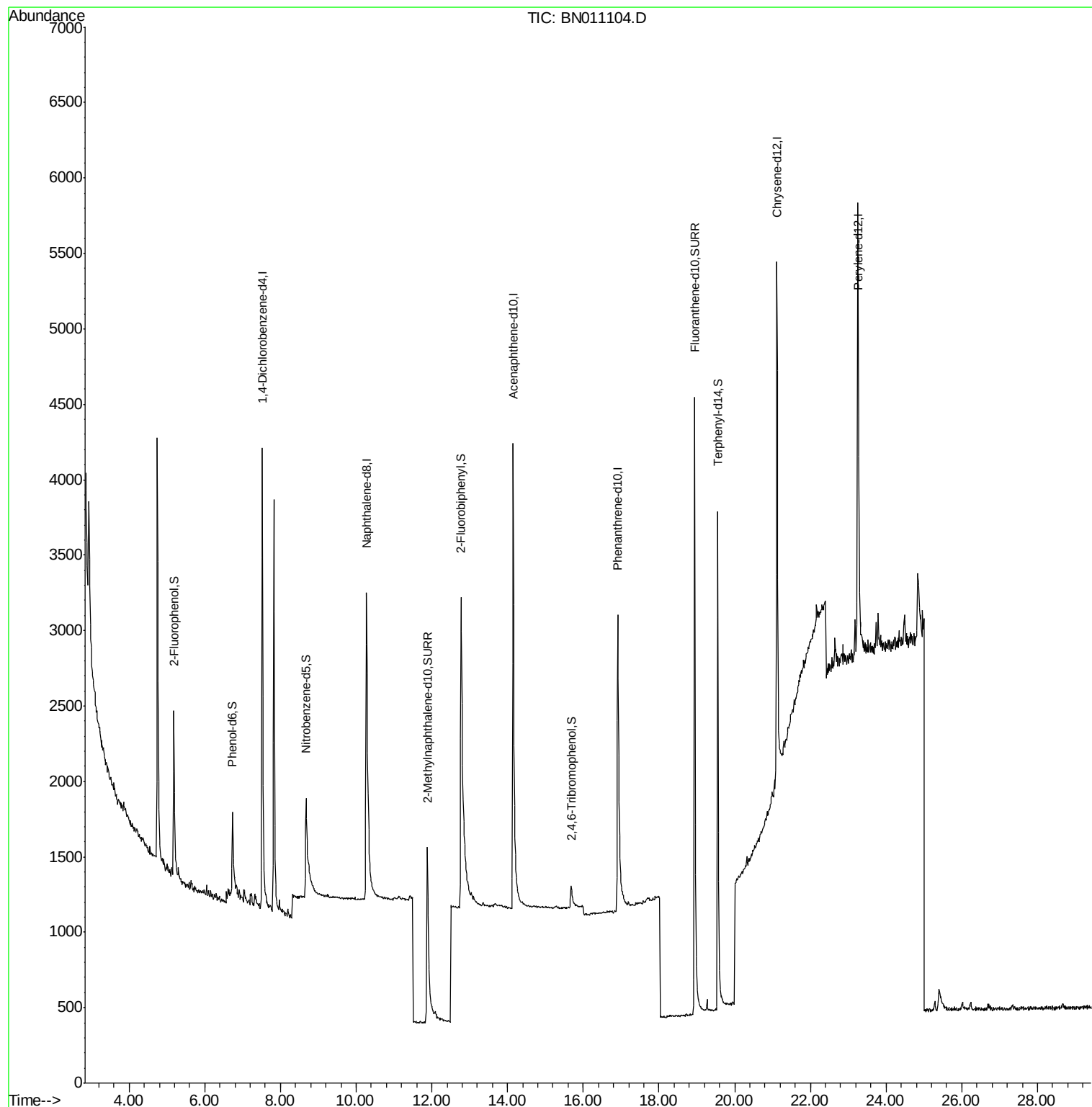
Target Compounds	Qvalue

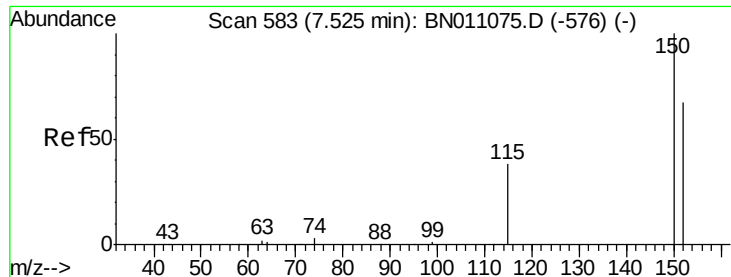
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 12:31:54 2020
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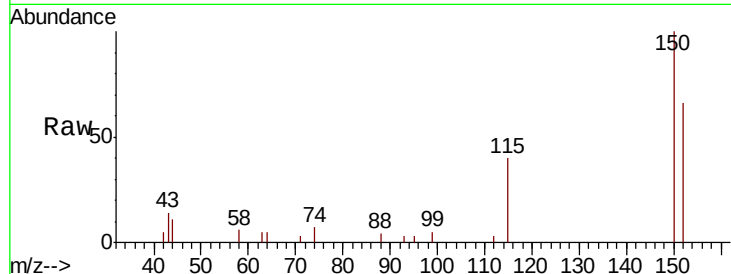


#1

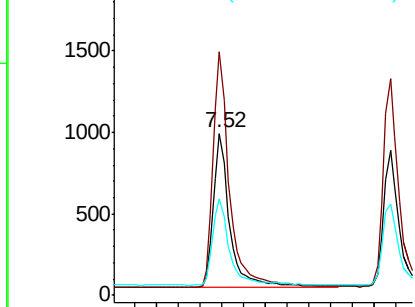
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011104.D
Acq: 06 Jul 2020 13:02

Instrument :
BNA_N
ClientSampleId :
PB129903BL

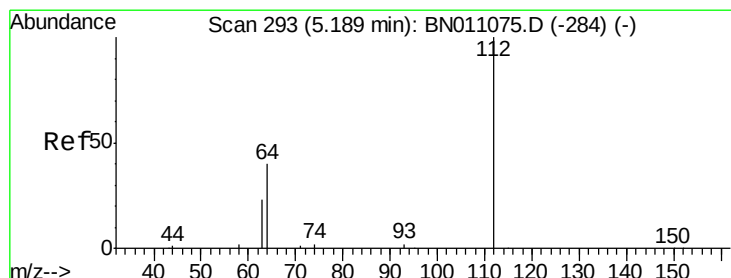
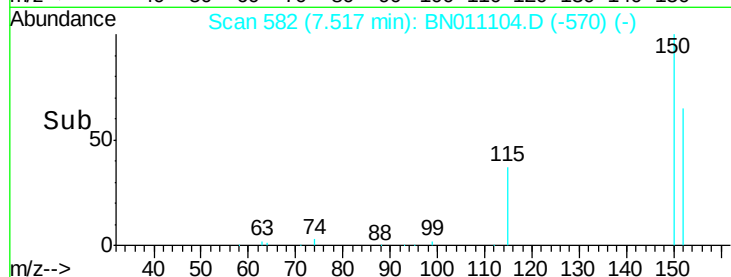
Tot Ion:152 Resp: 1966
Ion Ratio Lower Upper
152 100
150 150.6 117.4 176.0
115 59.7 47.9 71.9



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



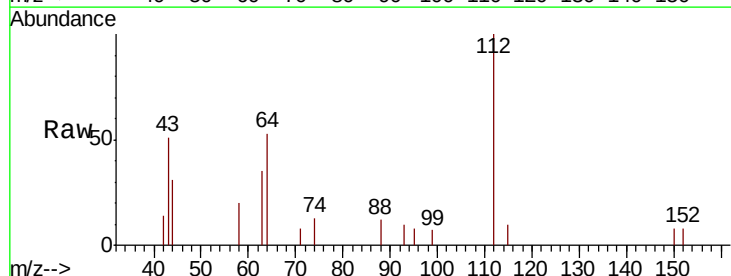
Time-->



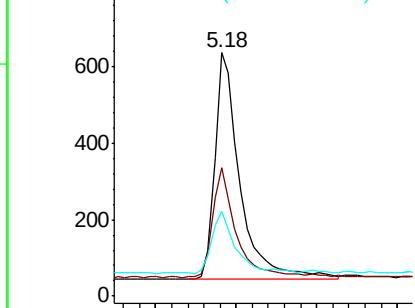
#4

2-Fluorophenol
Concen: 0.259 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011104.D
Acq: 06 Jul 2020 13:02

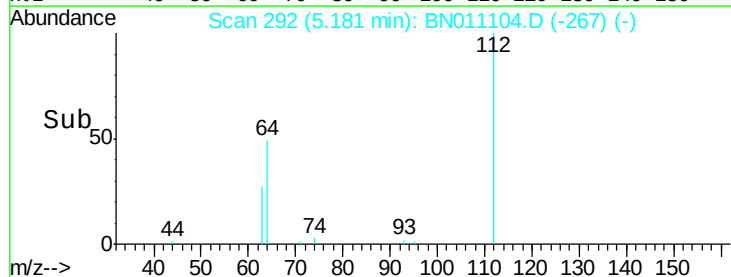
Tgt Ion:112 Resp: 1265
Ion Ratio Lower Upper
112 100
64 45.4 36.5 54.7
63 25.8 20.6 30.8

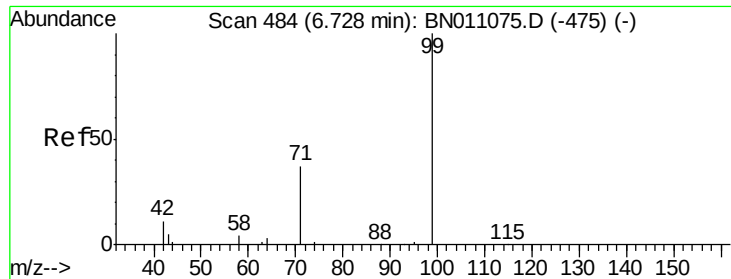


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



Time-->





#5

Phenol-d6

Concen: 0.214 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.01 min

Lab File: BN011104.D

Acq: 06 Jul 2020 13:02

Instrument :

BNA_N

ClientSampleId :

PB129903BL

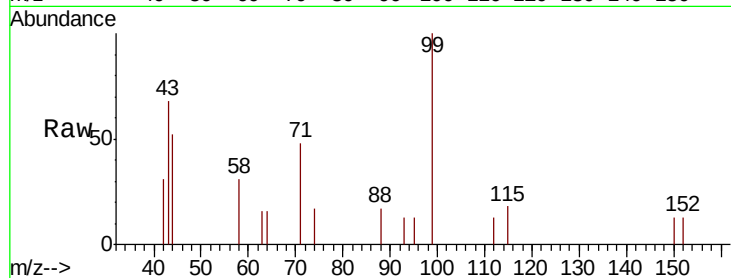
Tot Ion: 99 Resp: 1203

Ion Ratio Lower Upper

99 100

42 12.8 9.8 14.8

71 40.8 30.7 46.1

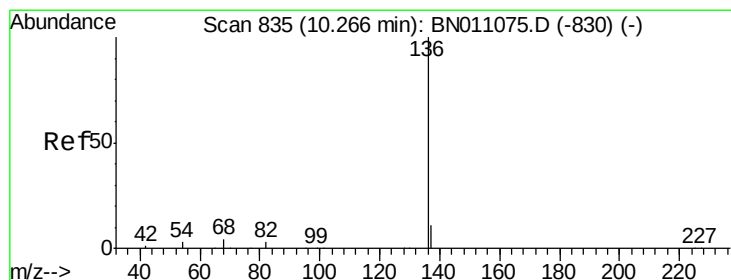
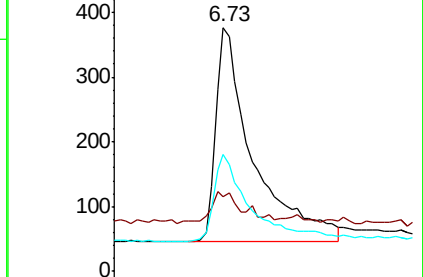
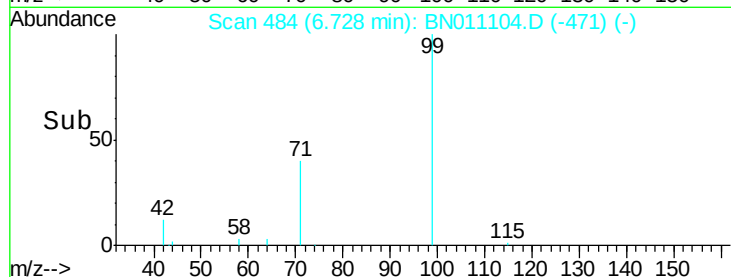


Abundance Ion 99.00 (98.70 to 99.70): BN011104.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN011104.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN011104.D (-471) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.01 min

Lab File: BN011104.D

Acq: 06 Jul 2020 13:02

Tgt Ion: 136 Resp: 5532

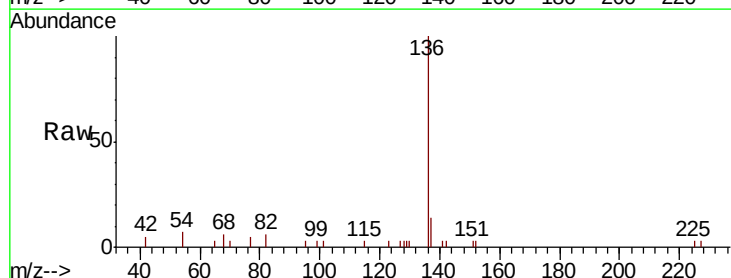
Ion Ratio Lower Upper

136 100

137 13.6 9.6 14.4

54 6.7 3.8 5.6#

68 6.3 4.3 6.5

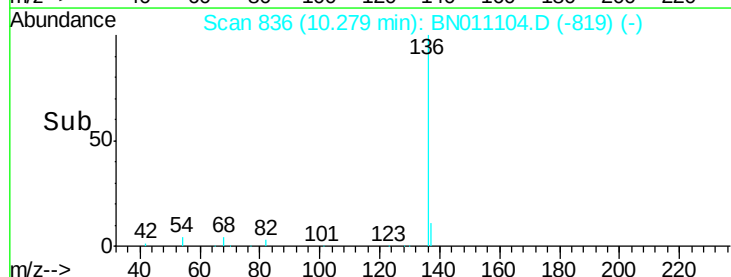
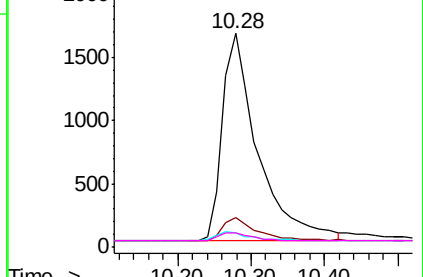


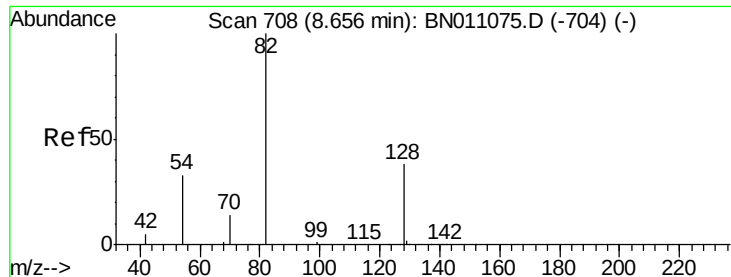
Abundance Ion 136.00 (135.70 to 136.70): BN011104.D (-819) (-)

Ion 137.00 (136.70 to 137.70): BN011104.D (-819) (-)

Ion 54.00 (53.70 to 54.70): BN011104.D (-819) (-)

Ion 68.00 (67.70 to 68.70): BN011104.D (-819) (-)

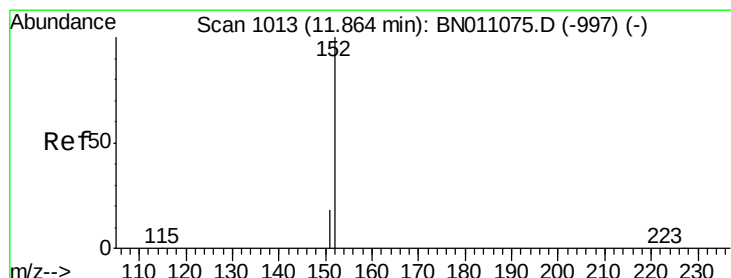
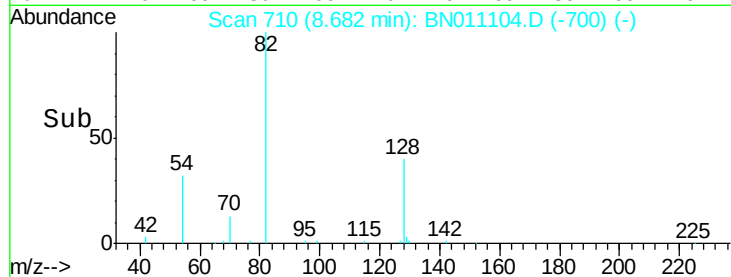
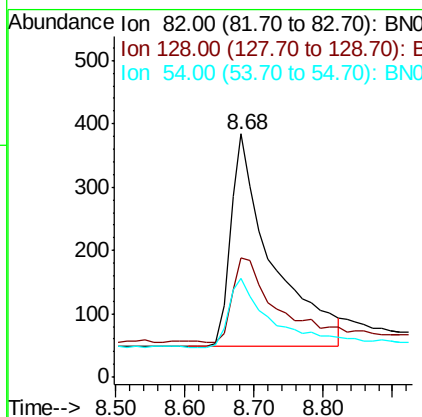
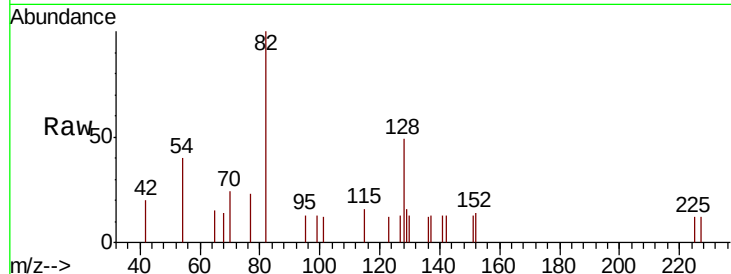




#8
 Nitrobenzene-d5
 Concen: 0.297 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.03 min
 Lab File: BN011104.D
 Acq: 06 Jul 2020 13:02

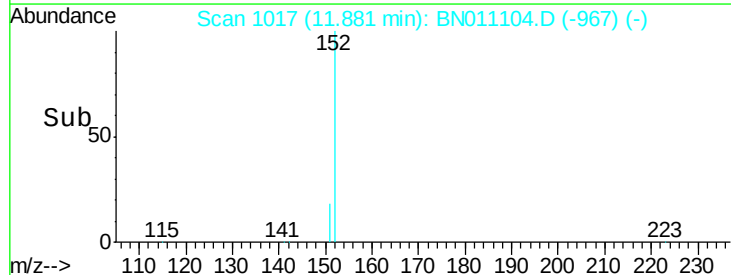
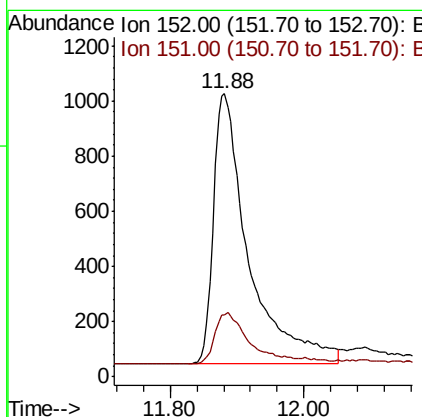
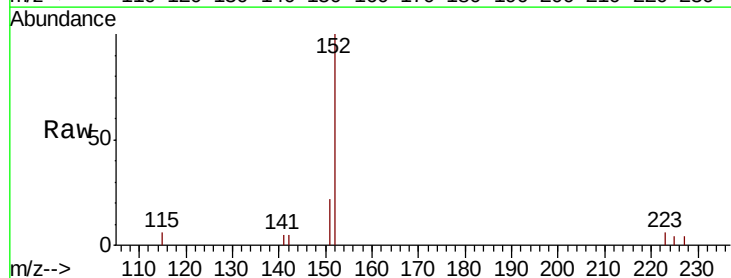
Instrument :
 BNA_N
 ClientSampleId :
 PB129903BL

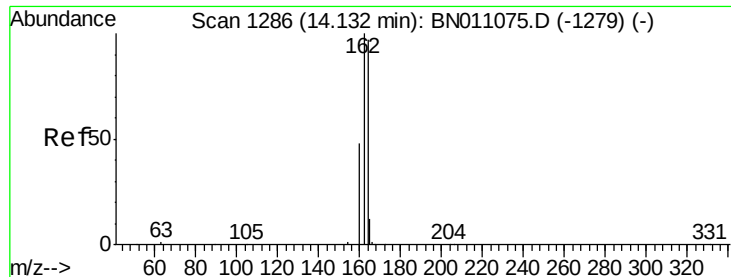
Tot Ion	82.00	Resp	1394
Ion Ratio	Lower	Upper	
82	100		
128	49.0	34.2	51.2
54	40.4	29.4	44.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.372 ng
 RT: 11.88 min Scan# 1017
 Delta R.T. 0.02 min
 Lab File: BN011104.D
 Acq: 06 Jul 2020 13:02

Tgt Ion	152.00	Resp	3562
Ion Ratio	Lower	Upper	
152	100		
151	17.5	16.6	24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011104.D

Acq: 06 Jul 2020 13:02

Instrument :

BNA_N

ClientSampleId :

PB129903BL

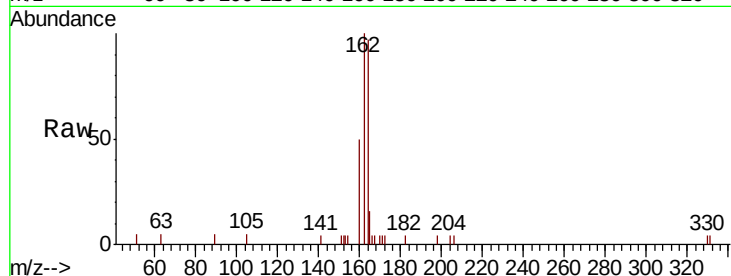
Tot Ion:164 Resp: 2951

Ion Ratio Lower Upper

164 100

162 102.8 82.3 123.5

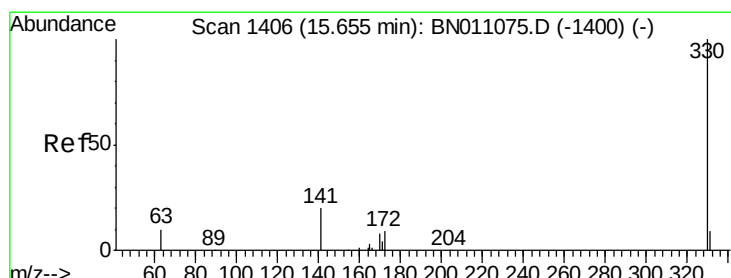
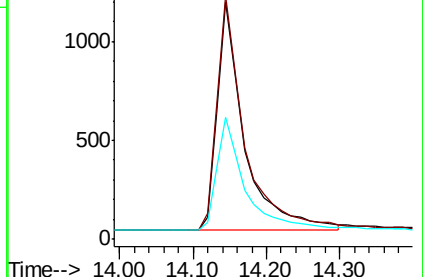
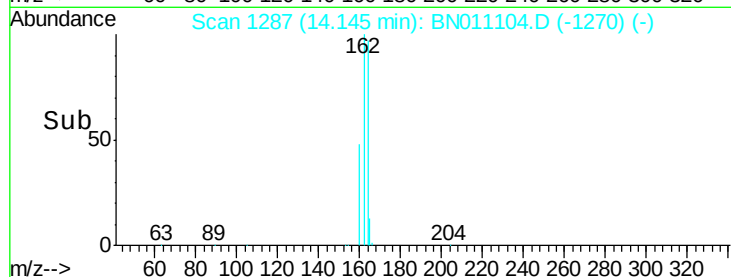
160 51.4 40.6 61.0



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: 0.217 ng

RT: 15.68 min Scan# 1408

Delta R.T. 0.04 min

Lab File: BN011104.D

Acq: 06 Jul 2020 13:02

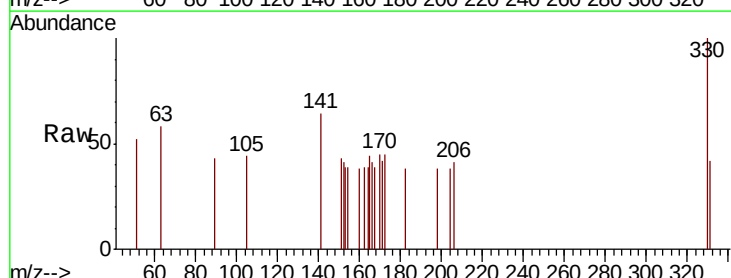
Tgt Ion:330 Resp: 269

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

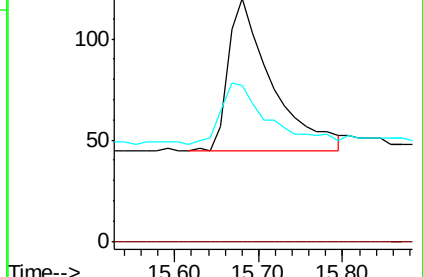
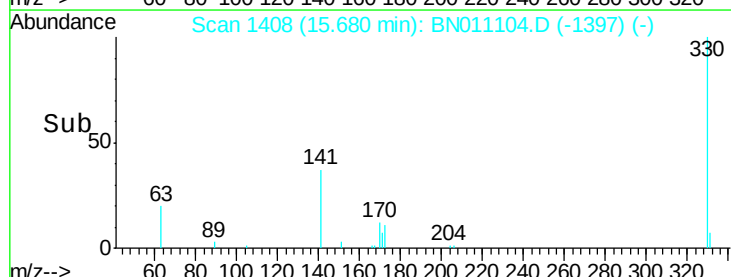
141 43.1 32.6 49.0

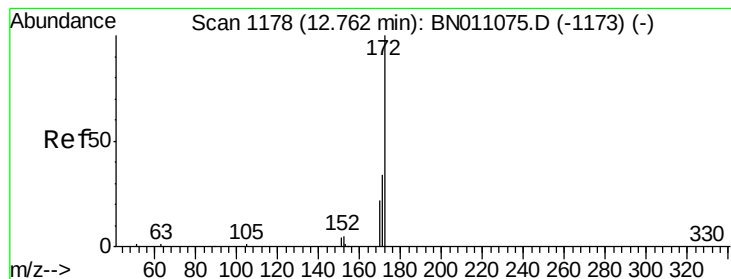


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

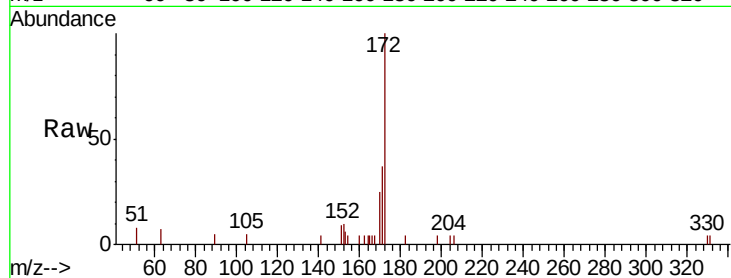




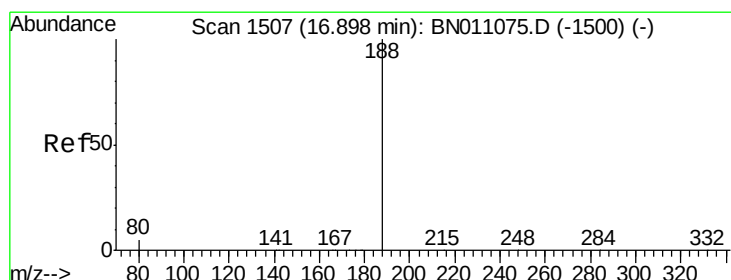
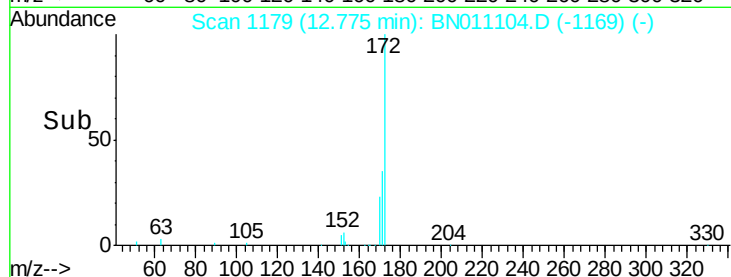
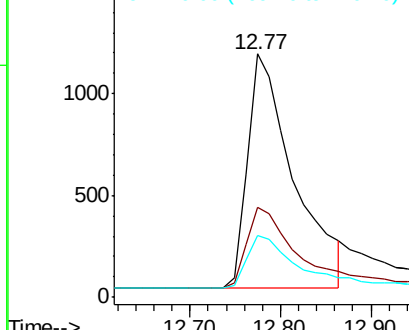
#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BN011104.D
Acq: 06 Jul 2020 13:02

Instrument :
BNA_N
ClientSampleId :
PB129903BL

Tot Ion:172 Resp: 4066
Ion Ratio Lower Upper
172 100
171 37.2 27.9 41.9
170 25.4 18.7 28.1

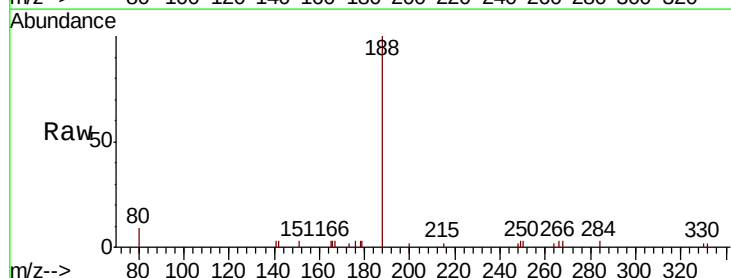


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

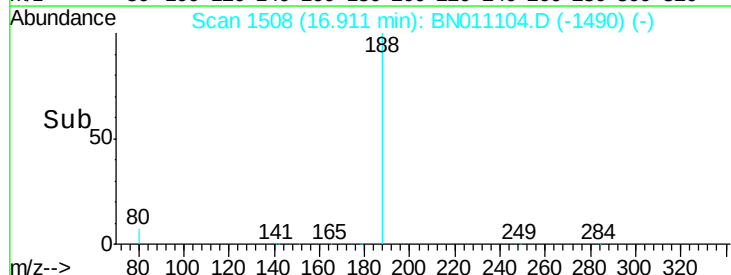
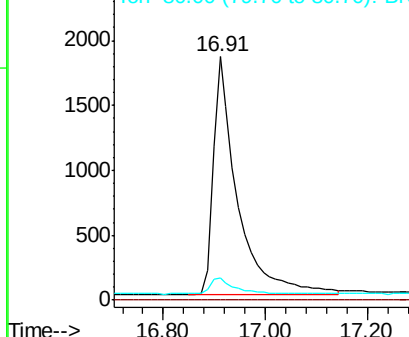


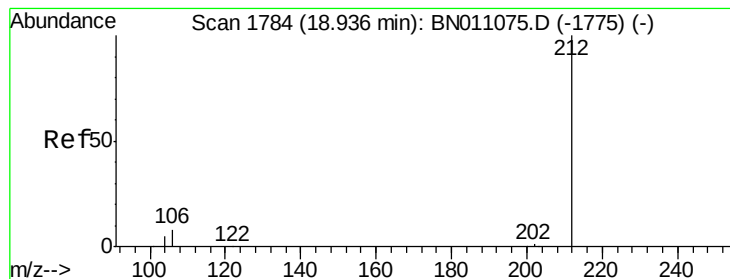
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1508
Delta R.T. 0.02 min
Lab File: BN011104.D
Acq: 06 Jul 2020 13:02

Tgt Ion:188 Resp: 6038
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 5.3 7.9#



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: 0.409 ng

RT: 18.94 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BN011104.D

Acq: 06 Jul 2020 13:02

Instrument :

BNA_N

ClientSampleId :

PB129903BL

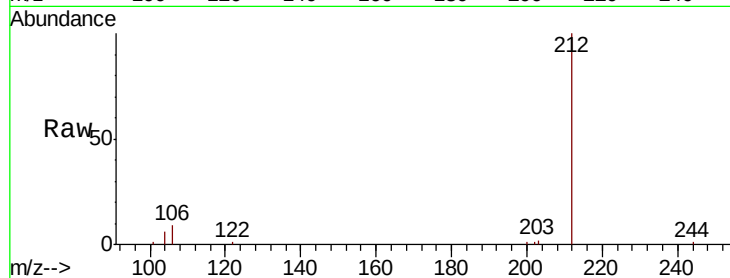
Tot Ion:212 Resp: 7474

Ion Ratio Lower Upper

212 100

106 7.7 7.1 10.7

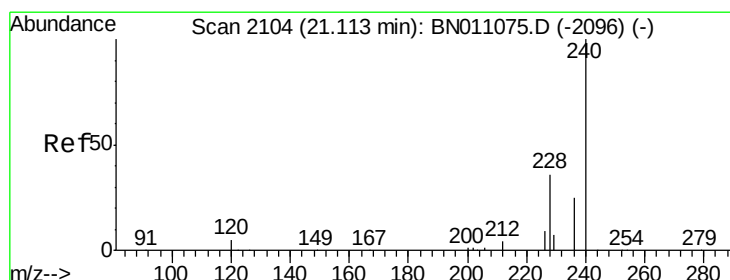
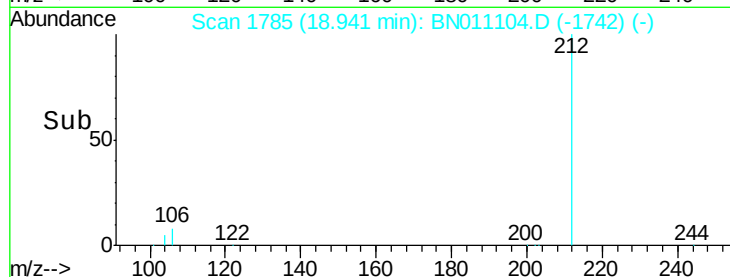
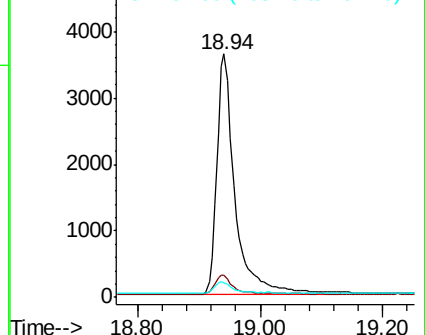
104 5.1 4.2 6.4



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: BN011104.D

Acq: 06 Jul 2020 13:02

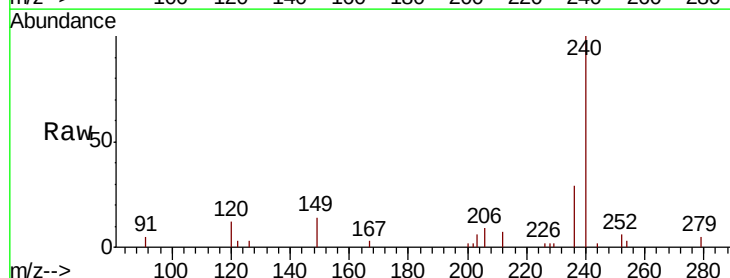
Tgt Ion:240 Resp: 5219

Ion Ratio Lower Upper

240 100

120 11.5 6.5 9.7#

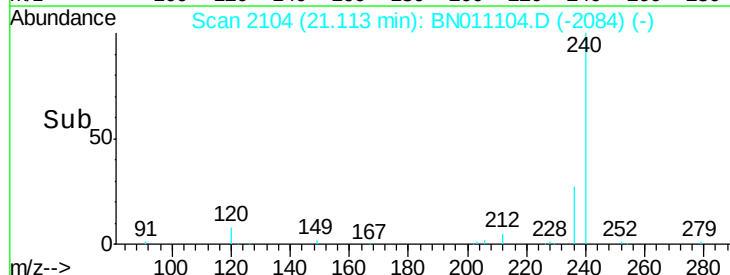
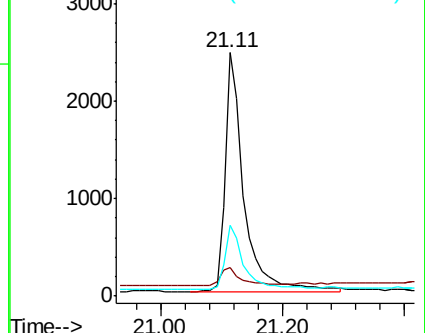
236 29.1 21.9 32.9

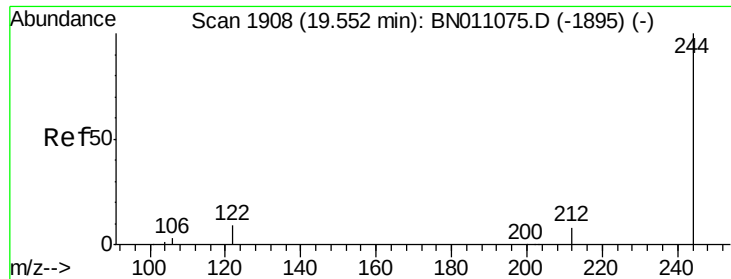


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.383 ng

RT: 19.56 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BN011104.D

Acq: 06 Jul 2020 13:02

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PB129903BL

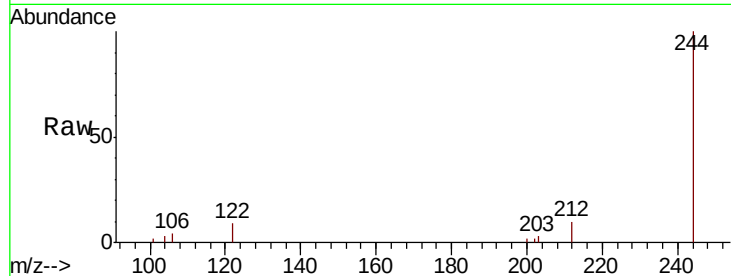
Tot Ion:244 Resp: 5211

Ion Ratio Lower Upper

244 100

212 9.7 7.5 11.3

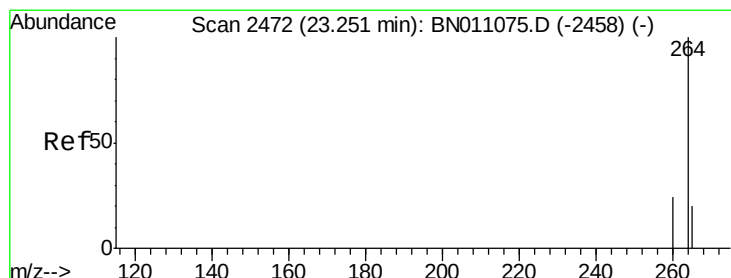
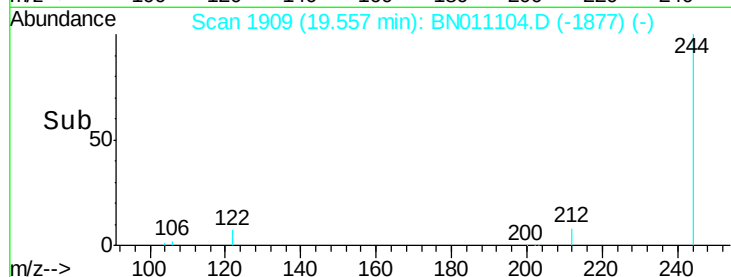
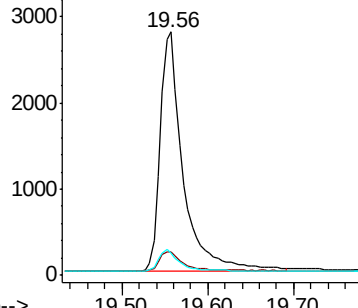
122 8.9 8.2 12.4



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: 23.26 min Scan# 2474

Delta R.T. 0.01 min

Lab File: BN011104.D

Acq: 06 Jul 2020 13:02

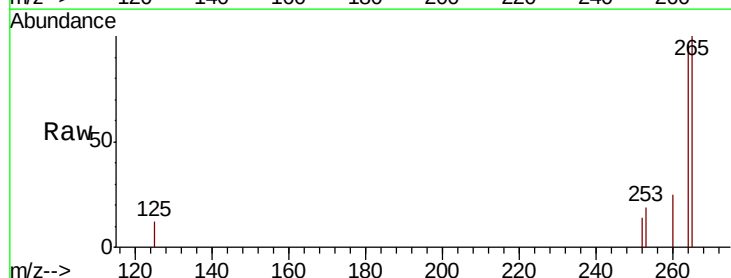
Tgt Ion:264 Resp: 5242

Ion Ratio Lower Upper

264 100

260 26.1 20.4 30.6

265 103.8 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

