

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051520\
 Data File : BN010725.D
 Acq On : 15 May 2020 11:14
 Operator : CG/JU
 Sample : PB128814BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128814BL

Quant Time: May 15 12:04:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 10:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4987	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	19074	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11624	0.40	ng	0.02
19) Phenanthrene-d10	16.95	188	23596	0.40	ng	0.00
27) Chrysene-d12	21.16	240	18360	0.40	ng	0.00
34) Perylene-d12	23.32	264	17594	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2807	0.29	ng	0.00
5) Phenol-d6	6.78	99	3166	0.27	ng	0.00
8) Nitrobenzene-d5	8.72	82	3234	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	7195	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	897	0.21	ng	0.02
15) 2-Fluorobiphenyl	12.83	172	9988	0.23	ng	0.02
25) Fluoranthene-d10	18.99	212	14400	0.22	ng	0.00
29) Terphenyl-d14	19.60	244	11364	0.26	ng	0.00

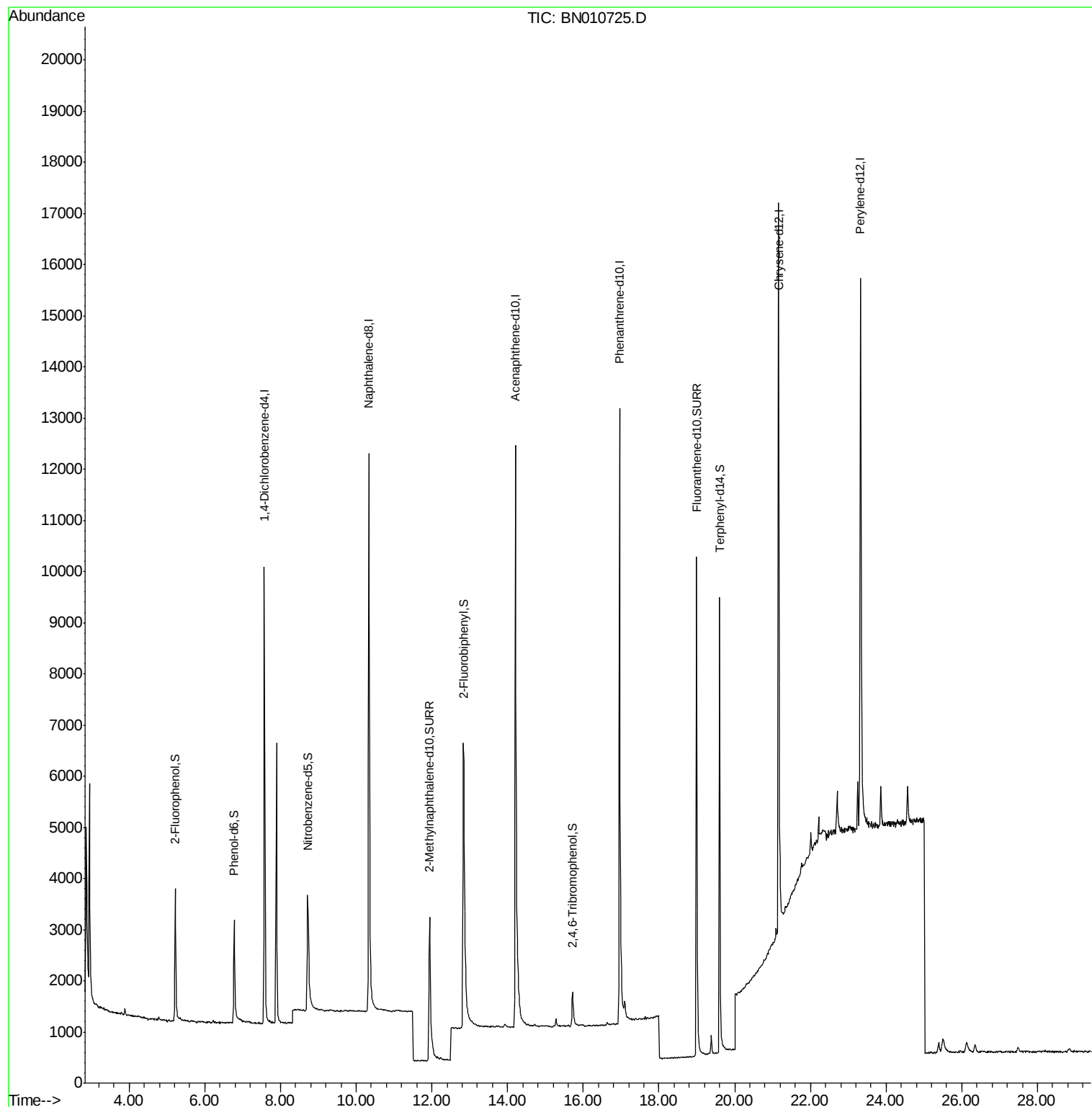
Target Compounds Qvalue

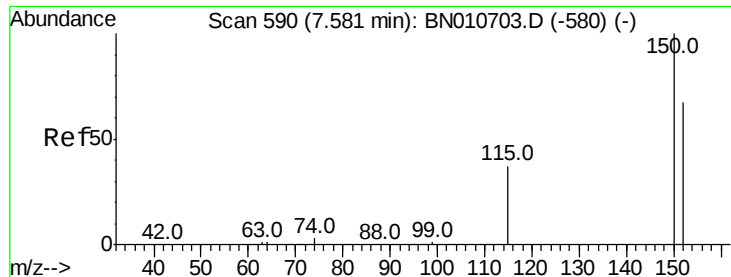
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

Instrument :

BNA_N

ClientSampleId :

PB128814BL

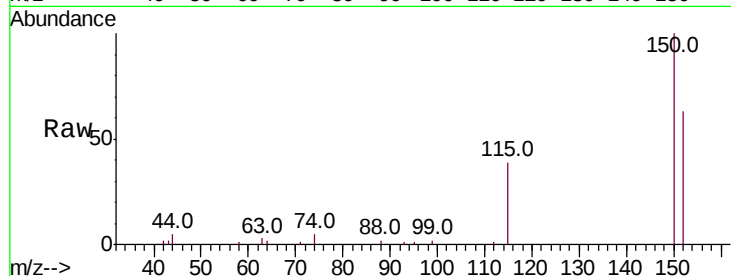
Tot Ion:152 Resp: 4987

Ion Ratio Lower Upper

152 100

150 158.7 119.4 179.0

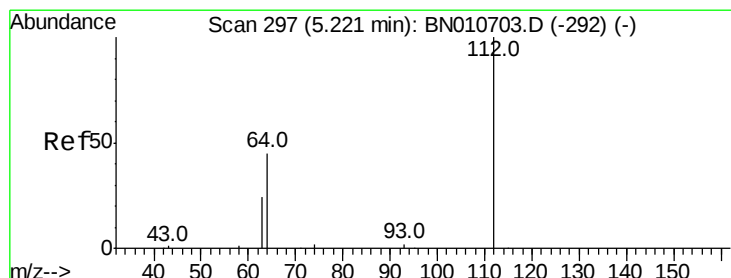
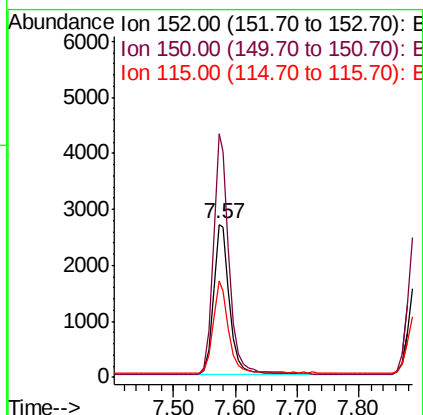
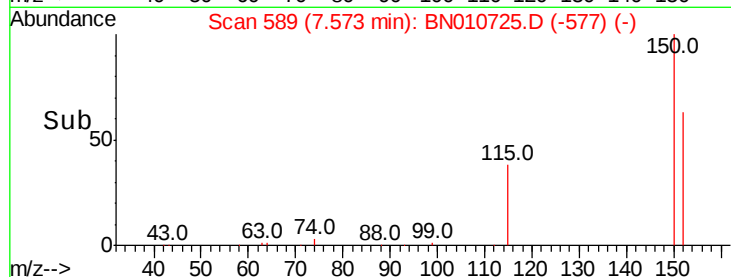
115 62.6 45.9 68.9



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: 0.288 ng

RT: 5.22 min Scan# 297

Delta R.T. -0.00 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

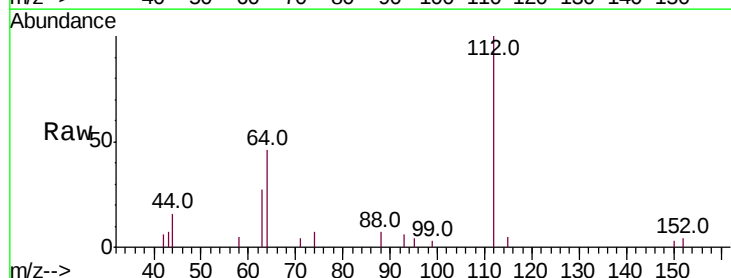
Tgt Ion:112 Resp: 2807

Ion Ratio Lower Upper

112 100

64 46.7 36.2 54.4

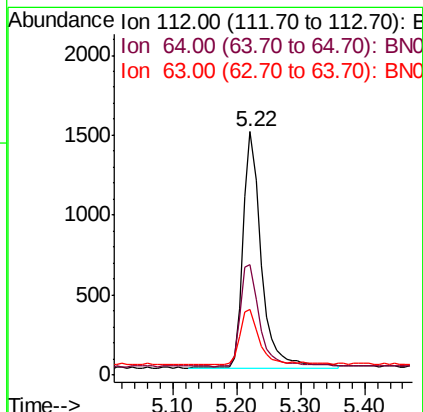
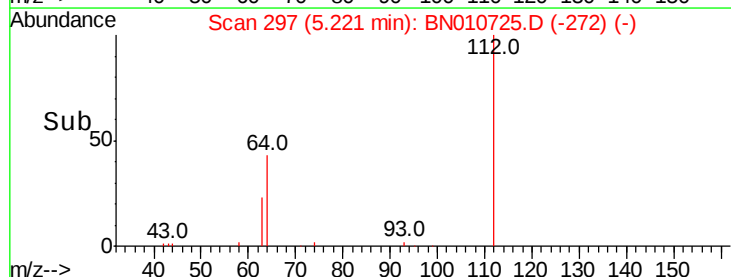
63 24.9 19.8 29.8

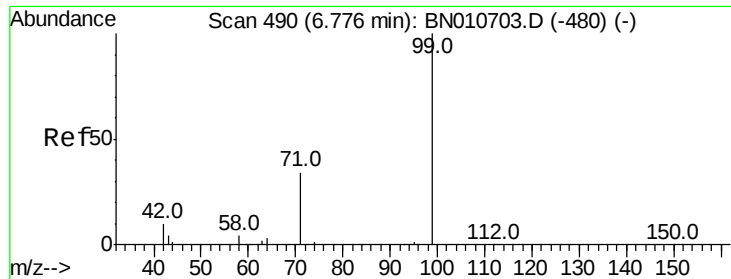


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.265 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.01 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

Instrument :

BNA_N

ClientSampleId :

PB128814BL

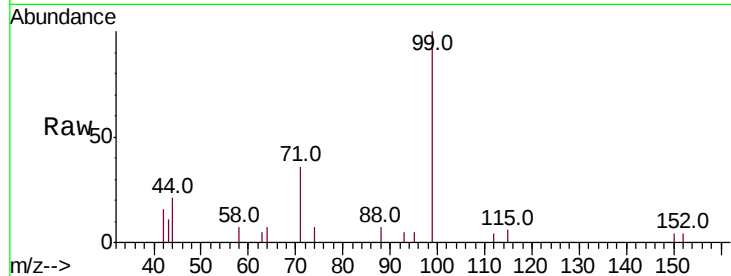
Tot Ion: 99 Resp: 3166

Ion Ratio Lower Upper

99 100

42 12.3 9.8 14.8

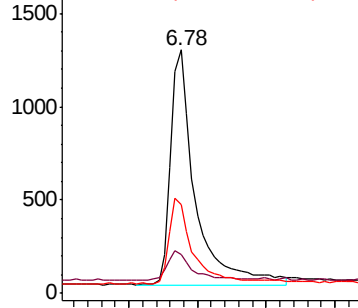
71 34.6 28.6 42.8



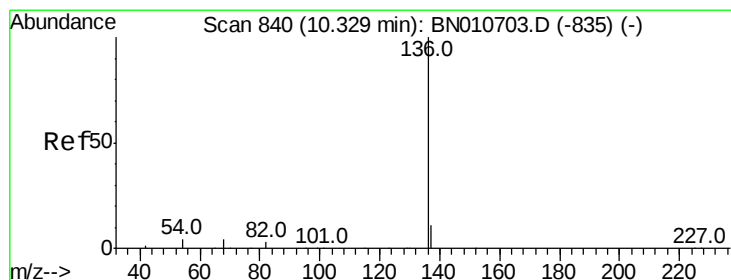
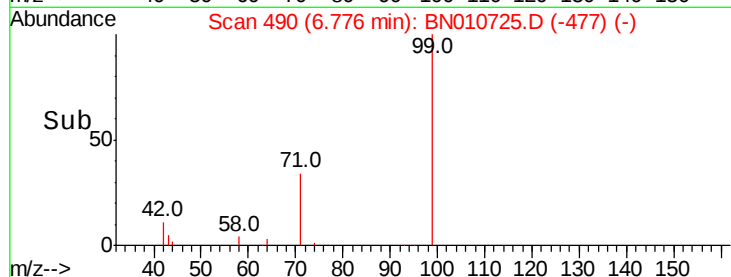
Abundance Ion 99.00 (98.70 to 99.70): BN010703.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN010703.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN010703.D (-480) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

Tgt Ion: 136 Resp: 19074

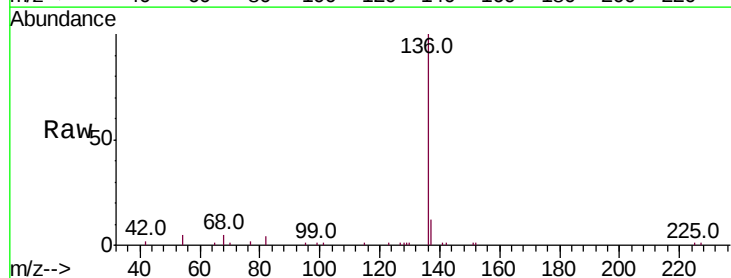
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 4.8 3.6 5.4

68 5.4 4.1 6.1

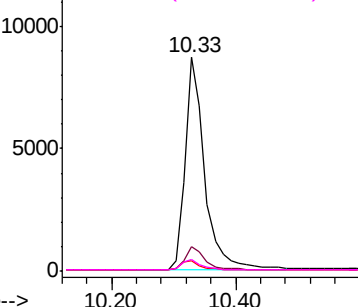


Abundance Ion 136.00 (135.70 to 136.70): BN010703.D (-835) (-)

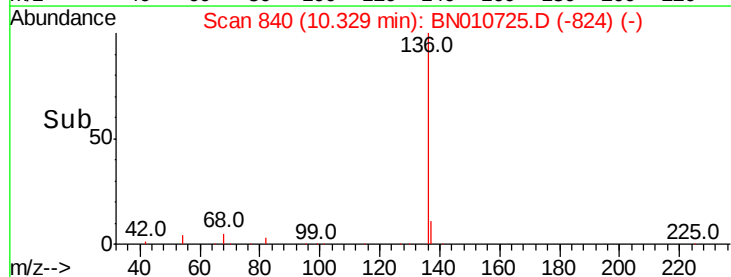
Ion 137.00 (136.70 to 137.70): BN010703.D (-835) (-)

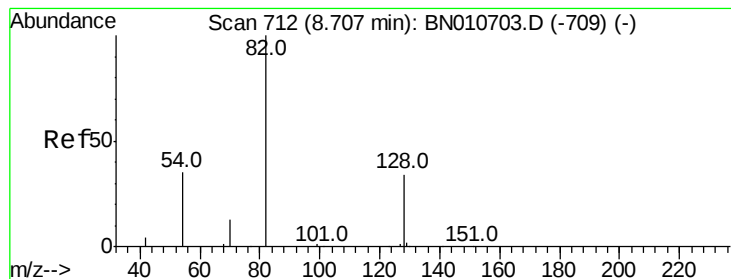
Ion 54.00 (53.70 to 54.70): BN010703.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN010703.D (-835) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 0.244 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.01 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

Instrument :

BNA_N

ClientSampleId :

PB128814BL

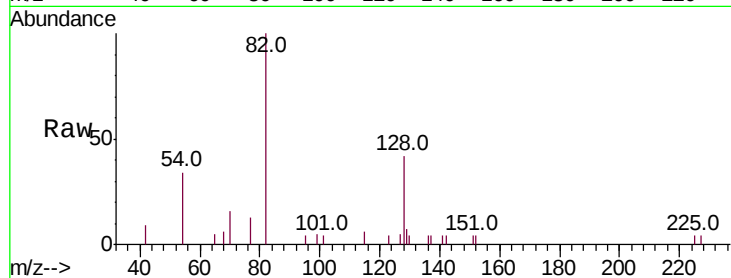
Tot Ion: 82 Resp: 3234

Ion Ratio Lower Upper

82 100

128 42.0 29.0 43.4

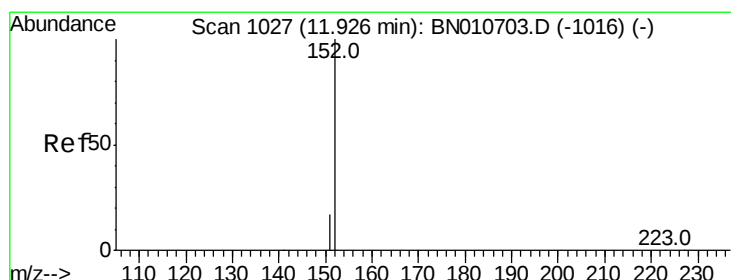
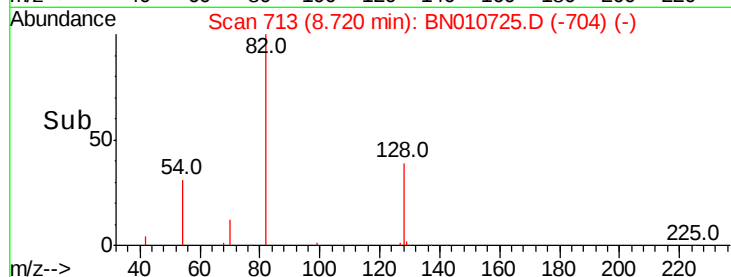
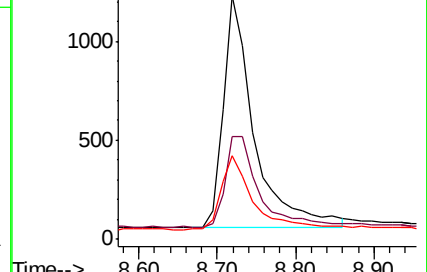
54 34.2 29.3 43.9



Abundance Ion 82.00 (81.70 to 82.70): BN010703.D (-709) (-)

Ion 128.00 (127.70 to 128.70): BN010703.D (-709) (-)

Ion 54.00 (53.70 to 54.70): BN010703.D (-709) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.231 ng

RT: 11.93 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BN010725.D

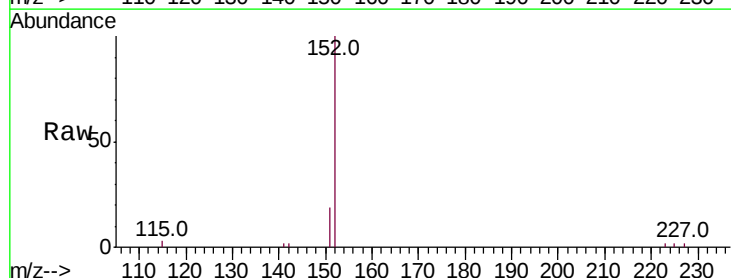
Acq: 15 May 2020 11:14

Tgt Ion: 152 Resp: 7195

Ion Ratio Lower Upper

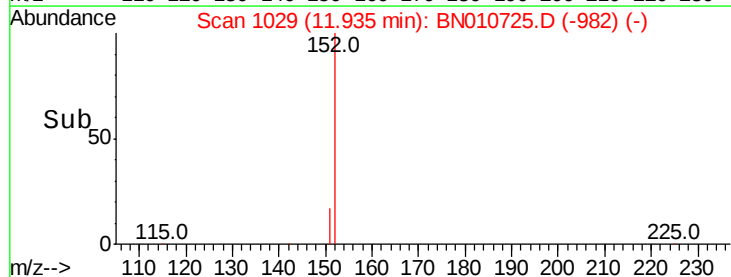
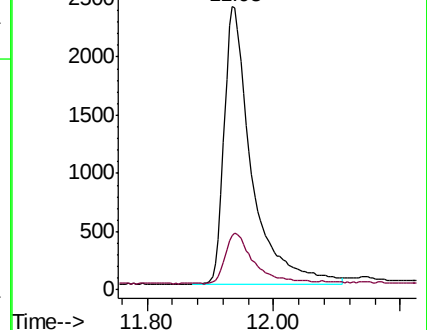
152 100

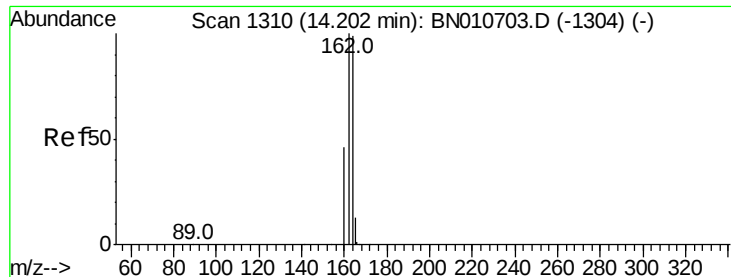
151 19.1 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010703.D (-1016) (-)

Ion 151.00 (150.70 to 151.70): BN010703.D (-1016) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.02 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

Instrument :

BNA_N

ClientSampleId :

PB128814BL

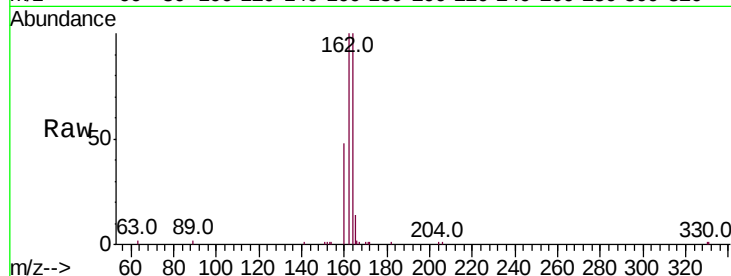
Tot Ion:164 Resp: 11624

Ion Ratio Lower Upper

164 100

162 100.2 81.1 121.7

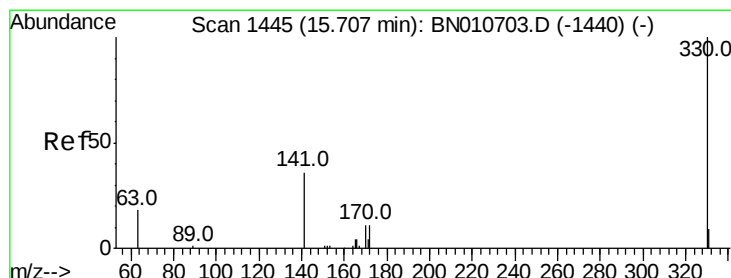
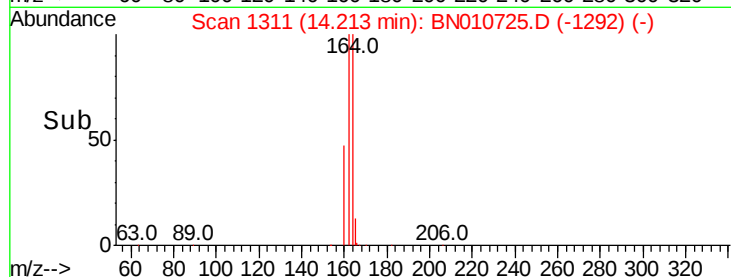
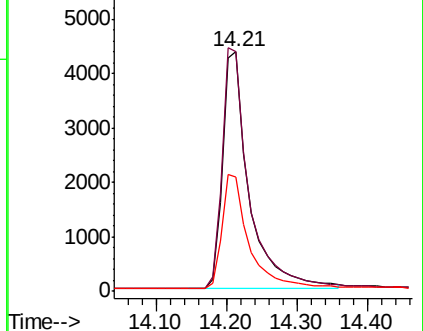
160 47.9 37.9 56.9



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: 0.213 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.02 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

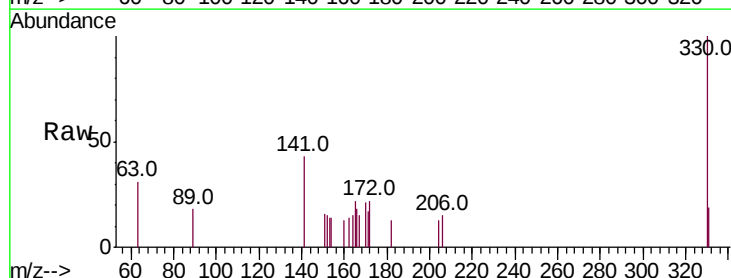
Tgt Ion:330 Resp: 897

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

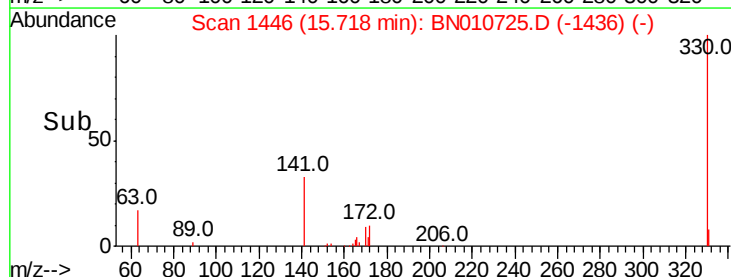
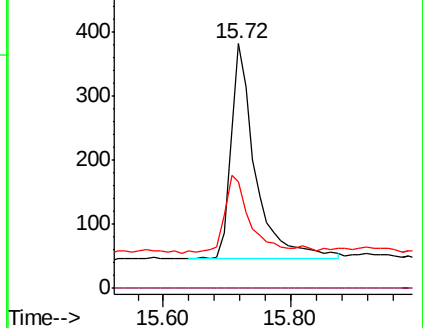
141 35.9 28.8 43.2

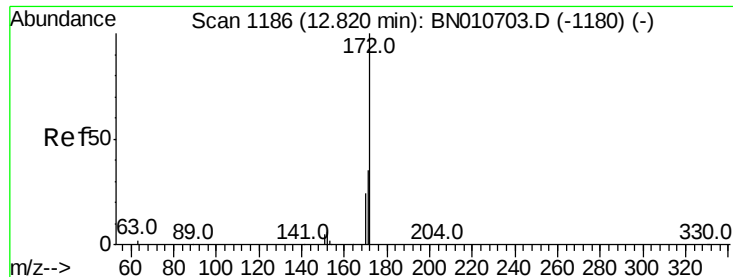


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

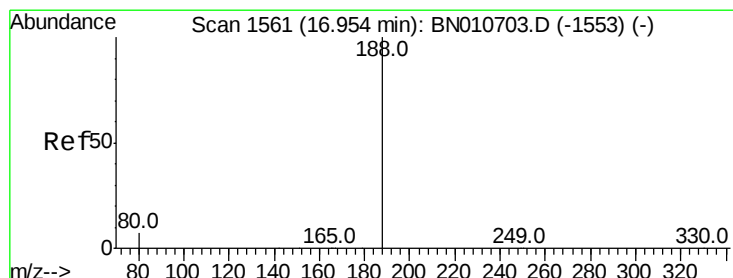
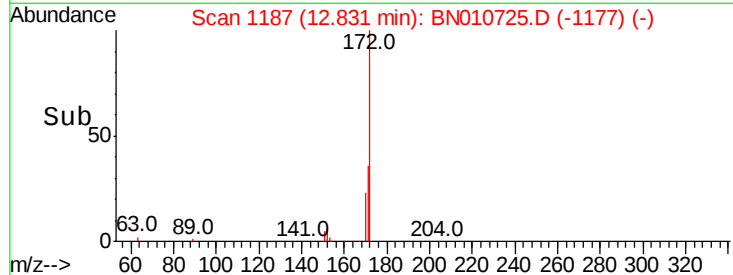
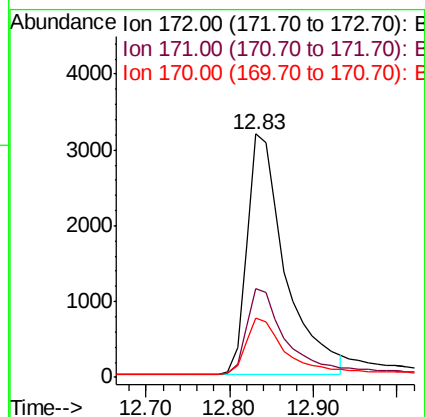
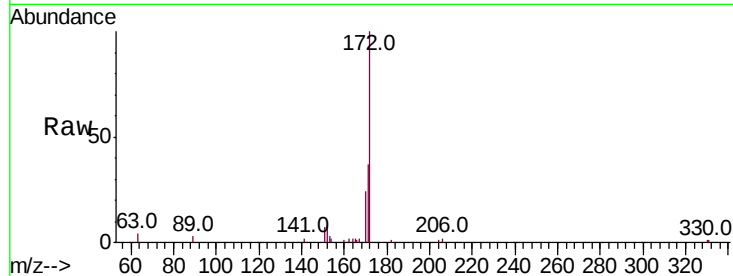




#15
2-Fluorobiphenyl
Concen: 0.234 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

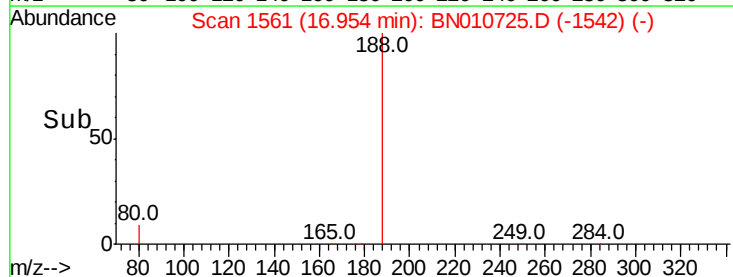
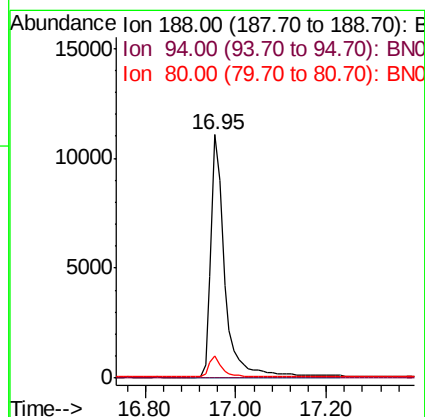
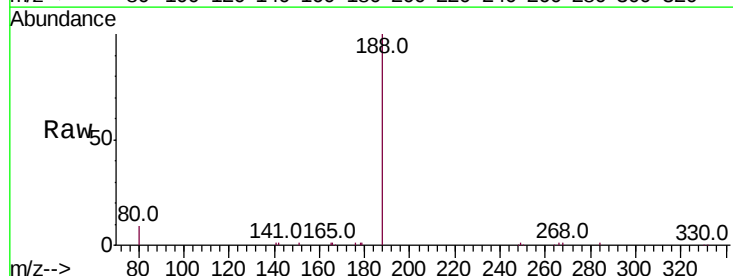
Instrument :
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PB128814BL

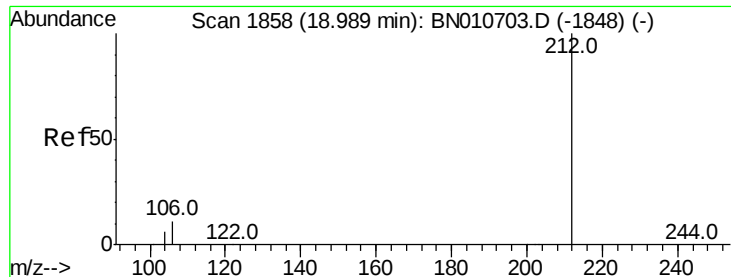
Tot Ion:172 Resp: 9988
Ion Ratio Lower Upper
172 100
171 36.6 28.6 42.8
170 24.4 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Tgt Ion:188 Resp: 23596
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 6.3 9.5





#25

Fluoranthene-d10

Concen: 0.225 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

Instrument :

BNA_N

ClientSampleId :

PB128814BL

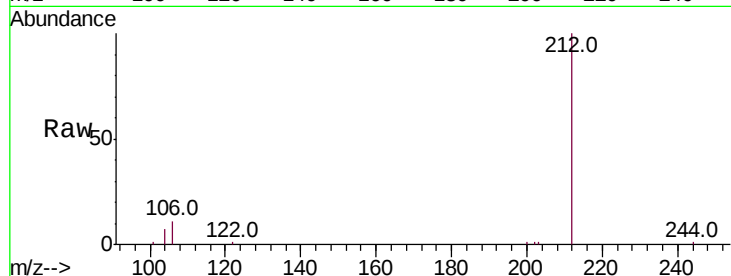
Tot Ion:212 Resp: 14400

Ion Ratio Lower Upper

212 100

106 9.8 8.2 12.2

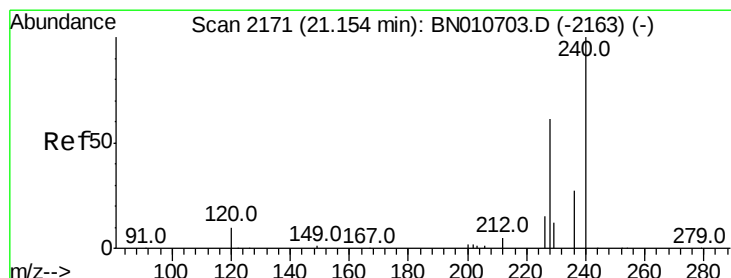
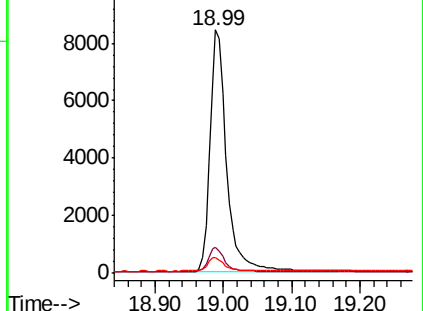
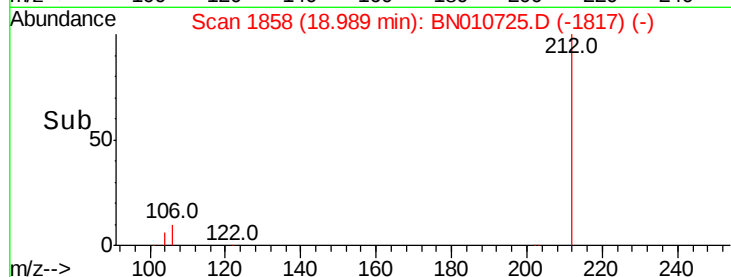
104 5.5 4.7 7.1



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

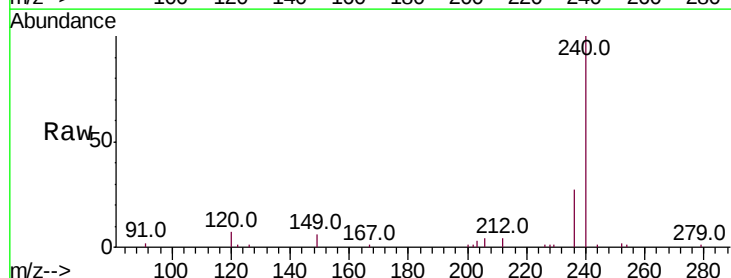
Tgt Ion:240 Resp: 18360

Ion Ratio Lower Upper

240 100

120 6.8 9.5 14.3#

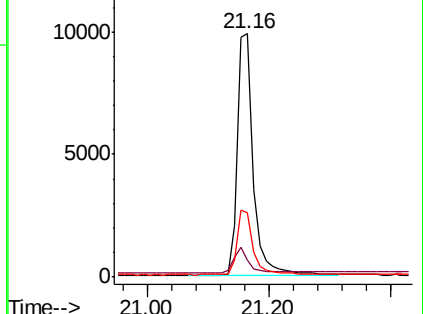
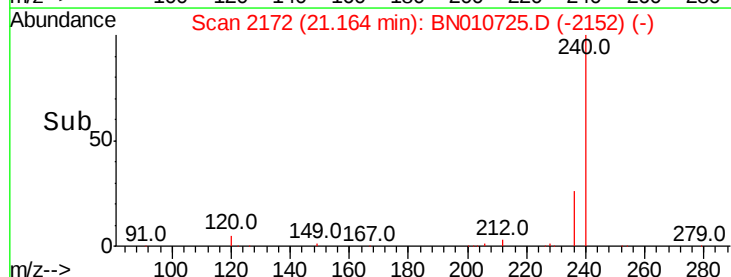
236 26.6 22.5 33.7

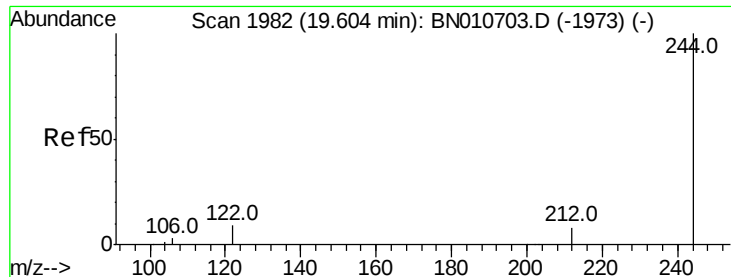


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.261 ng

RT: 19.60 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

Instrument :

BNA_N

ClientSampleId :

PB128814BL

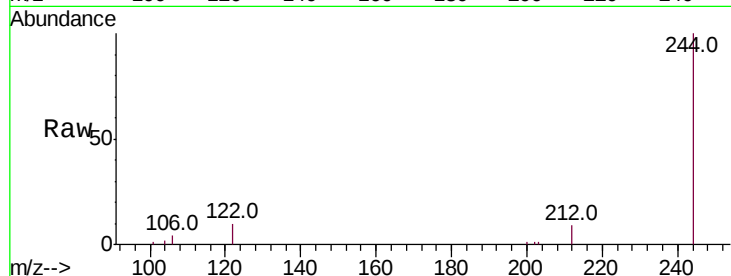
Tot Ion:244 Resp: 11364

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

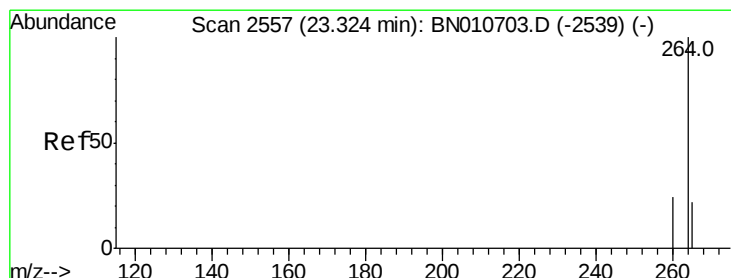
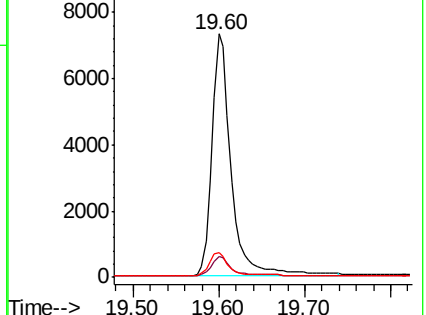
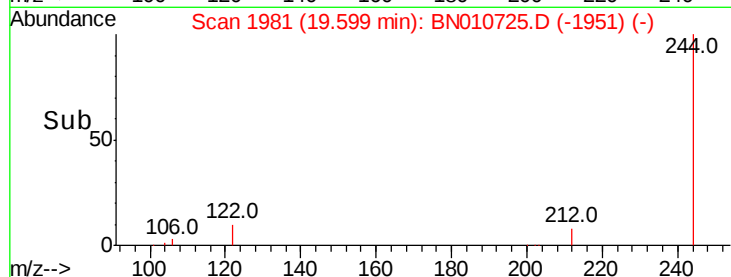
122 10.3 8.1 12.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BN010725.D

Acq: 15 May 2020 11:14

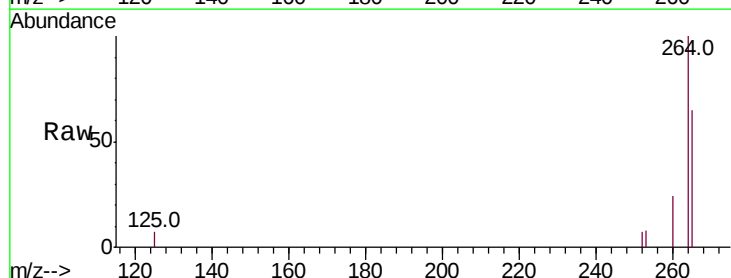
Tgt Ion:264 Resp: 17594

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 65.4 70.1 105.1#



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

