

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
 Data File : BN010675.D
 Acq On : 30 Apr 2020 15:38
 Operator : CG/JU
 Sample : PB128575BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128575BL

Quant Time: Apr 30 16:11:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 11:18:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3378	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	13619	0.40	ng	0.01
13) Acenaphthene-d10	14.21	164	8501	0.40	ng	0.01
19) Phenanthrene-d10	16.96	188	18023	0.40	ng	0.01
27) Chrysene-d12	21.16	240	12677	0.40	ng	0.00
34) Perylene-d12	23.34	264	11668	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	2615	0.35	ng	0.00
5) Phenol-d6	6.78	99	2964	0.31	ng	0.00
8) Nitrobenzene-d5	8.72	82	3362	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	7724	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.73	330	846	0.21	ng	0.02
15) 2-Fluorobiphenyl	12.84	172	10467	0.34	ng	0.02
25) Fluoranthene-d10	19.00	212	15642	0.29	ng	0.01
29) Terphenyl-d14	19.61	244	11561	0.40	ng	0.00

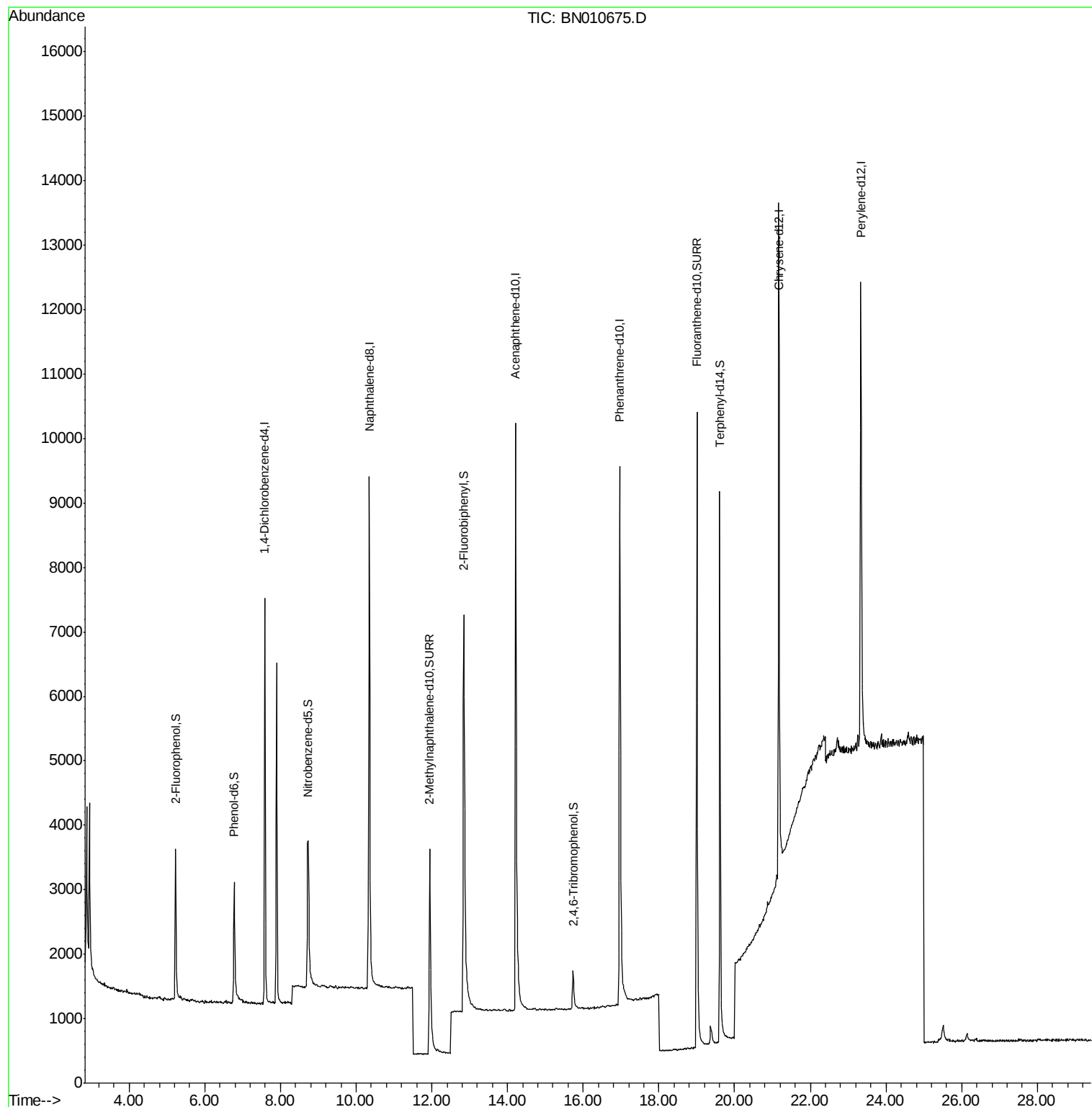
Target Compounds	Qvalue
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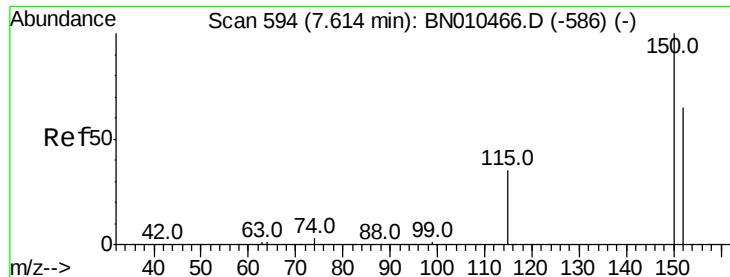
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.58 min Scan# 590

Delta R.T. -0.00 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

Instrument :

BNA_N

ClientSampleId :

PB128575BL

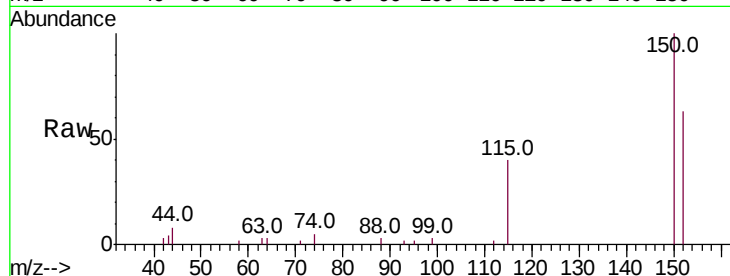
Tot Ion:152 Resp: 3378

Ion Ratio Lower Upper

152 100

150 158.7 121.8 182.6

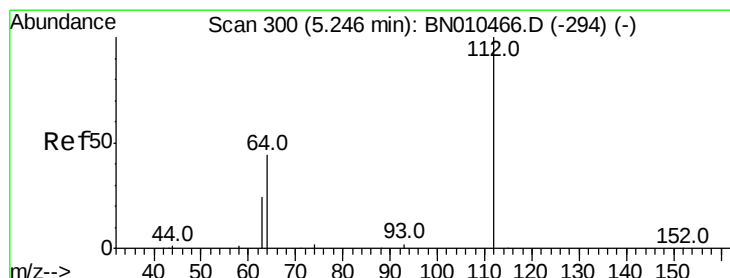
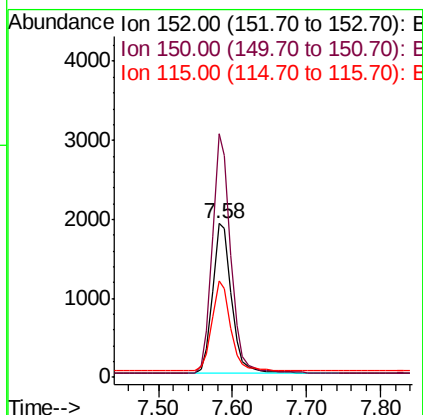
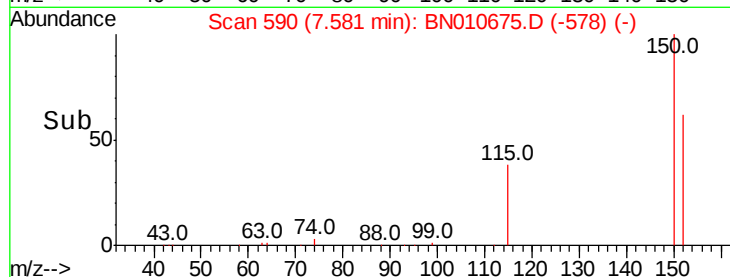
115 62.9 45.5 68.3



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: 0.353 ng

RT: 5.23 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

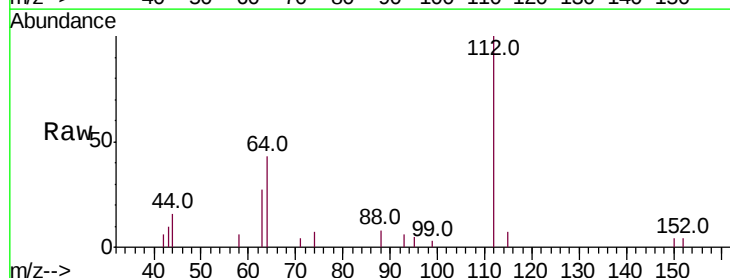
Tgt Ion:112 Resp: 2615

Ion Ratio Lower Upper

112 100

64 45.6 35.8 53.8

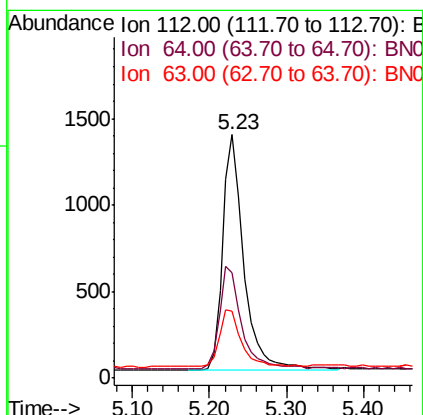
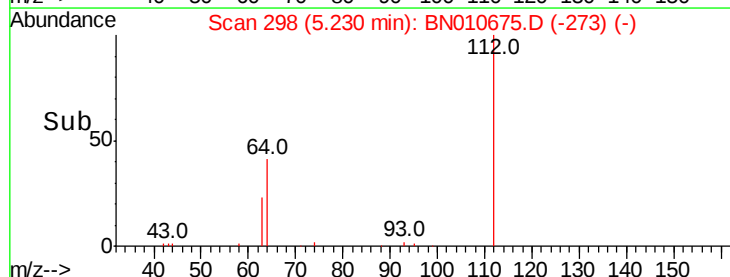
63 25.4 19.9 29.9

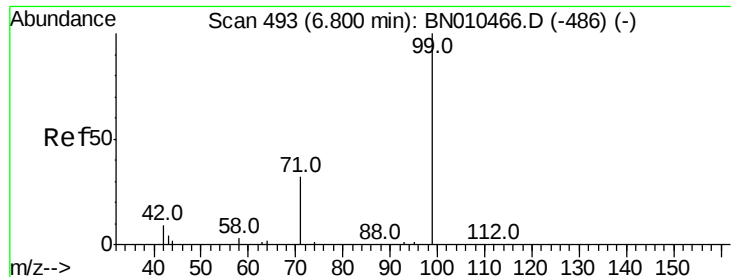


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.307 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.01 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

Instrument :

BNA_N

ClientSampleId :

PB128575BL

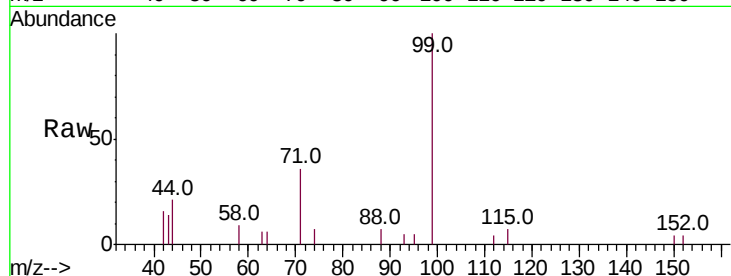
Tot Ion: 99 Resp: 2964

Ion Ratio Lower Upper

99 100

42 11.3 9.8 14.6

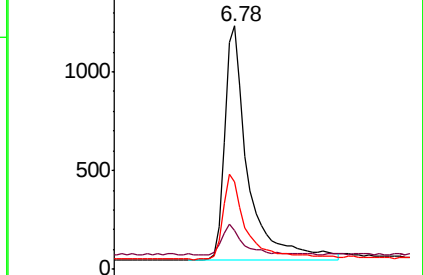
71 37.3 27.8 41.8



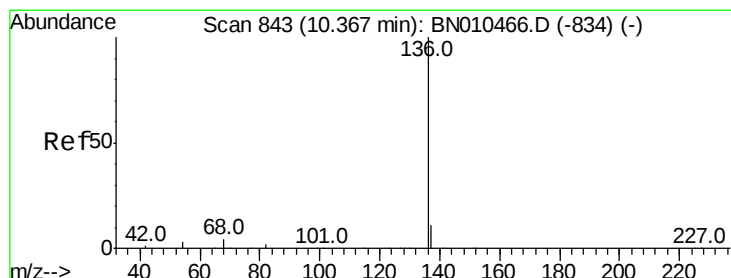
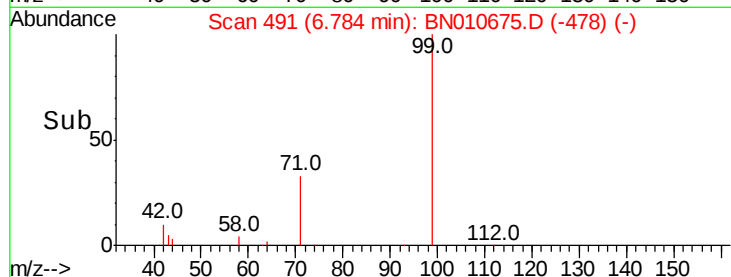
Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



Time--> 6.60 6.70 6.80 6.90 7.00



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

Tgt Ion: 136 Resp: 13619

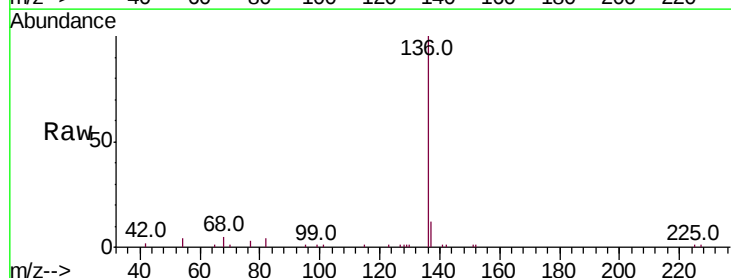
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 4.1 2.6 4.0#

68 5.1 3.4 5.2

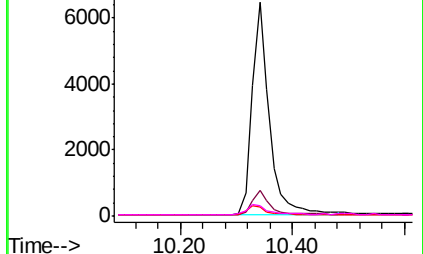


Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

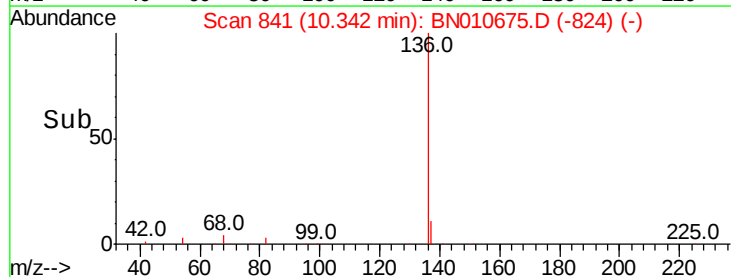
Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

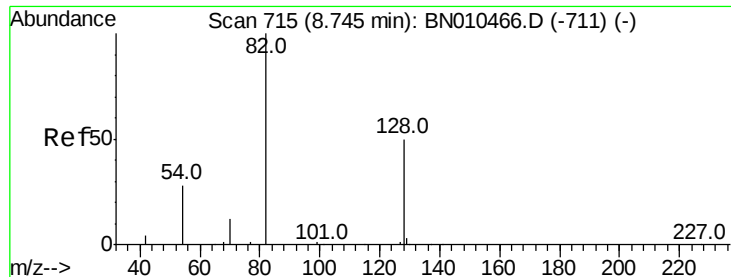
Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)



Time--> 10.20 10.40





#8

Nitrobenzene-d5

Concen: 0.353 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

Instrument :

BNA_N

ClientSampleId :

PB128575BL

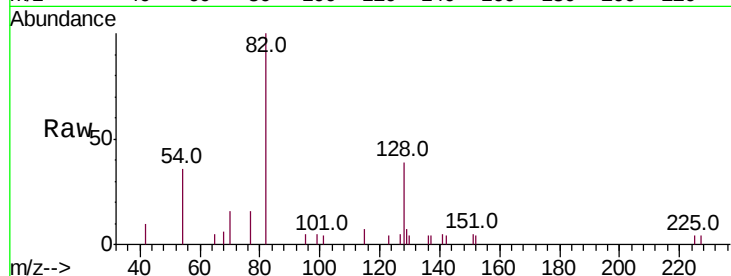
Tot Ion: 82 Resp: 3362

Ion Ratio Lower Upper

82 100

128 38.7 41.3 61.9#

54 35.9 23.4 35.0#



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)

8.72

1500

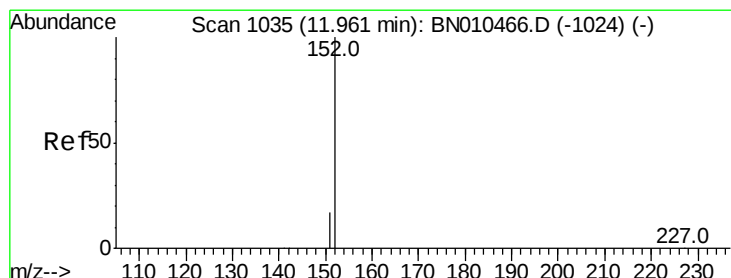
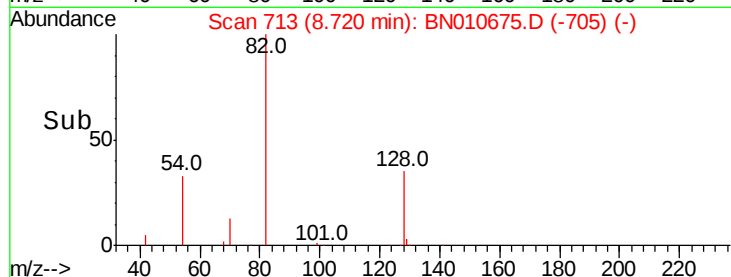
1000

500

0

8.60 8.70 8.80 8.90

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BN010675.D

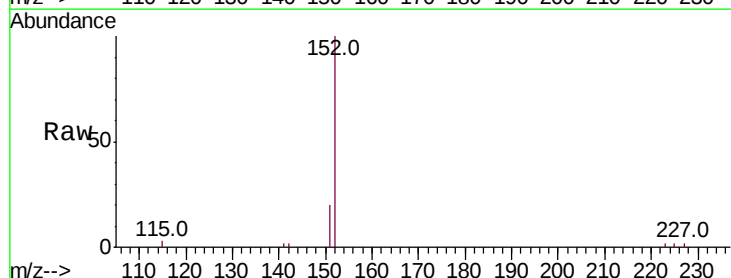
Acq: 30 Apr 2020 15:38

Tgt Ion: 152 Resp: 7724

Ion Ratio Lower Upper

152 100

151 18.6 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010466.D (-1024) (-)

Ion 151.00 (150.70 to 151.70): BN010466.D (-1024) (-)

3000

2500

2000

1500

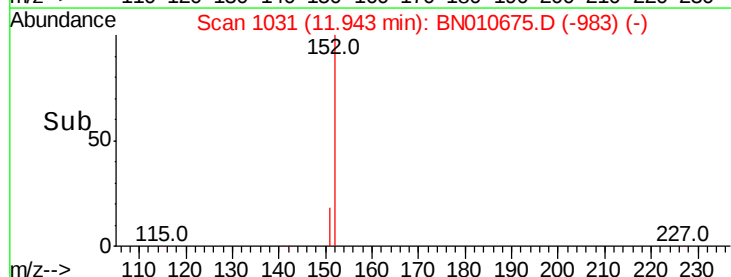
1000

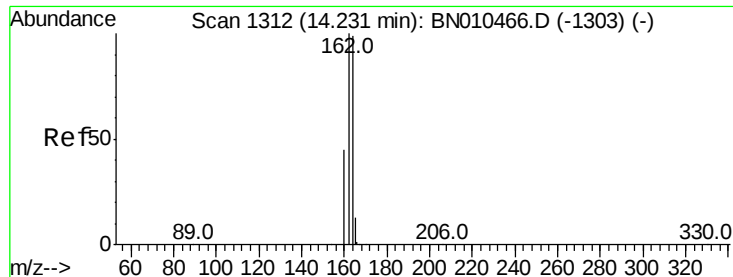
500

0

11.80 12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

Instrument :

BNA_N

ClientSampleId :

PB128575BL

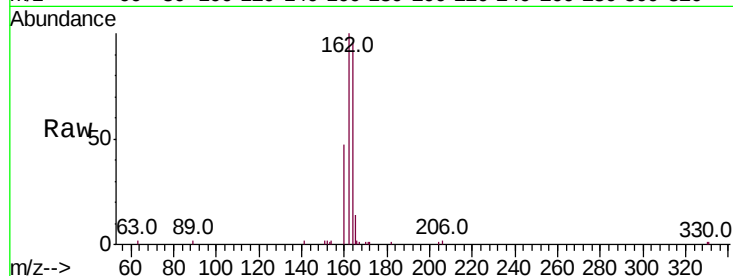
Tot Ion:164 Resp: 8501

Ion Ratio Lower Upper

164 100

162 103.8 80.6 121.0

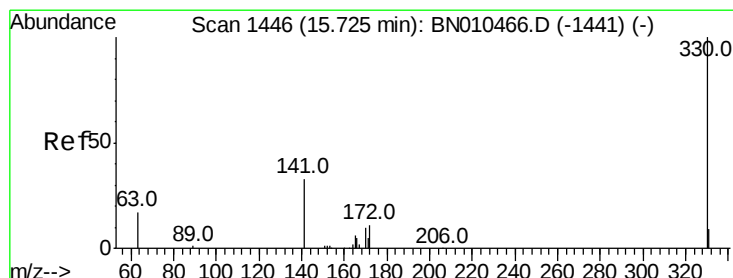
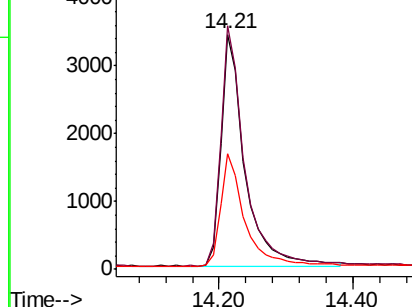
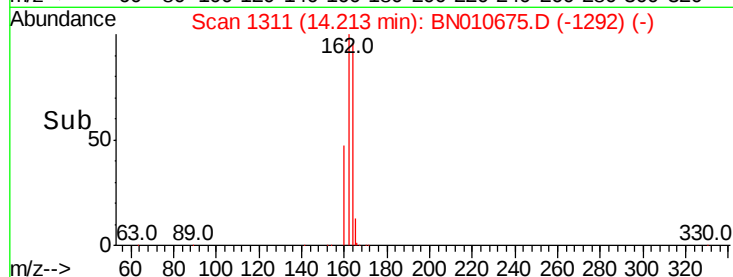
160 49.1 36.5 54.7



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: 0.211 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

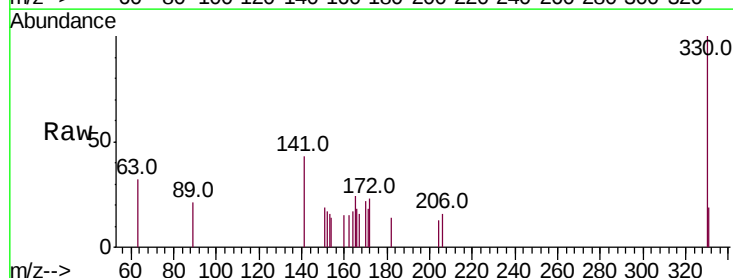
Tgt Ion:330 Resp: 846

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

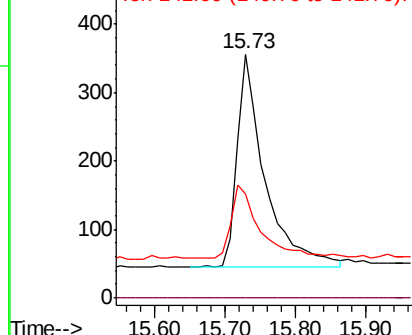
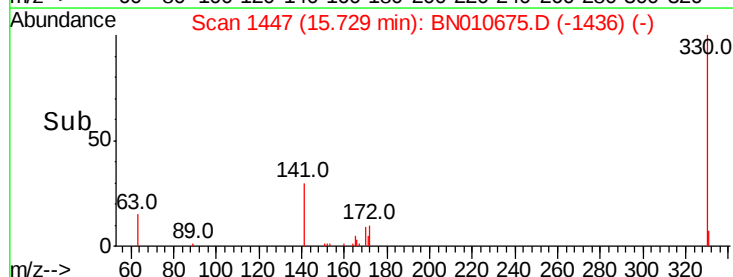
141 35.2 28.1 42.1

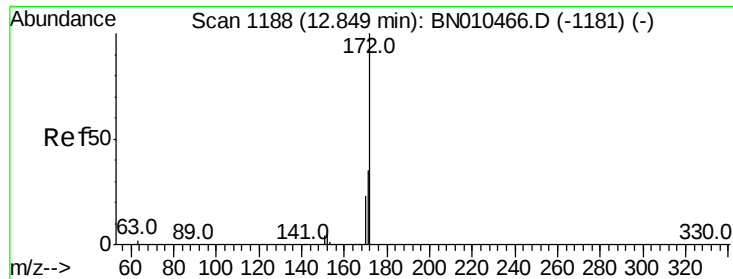


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

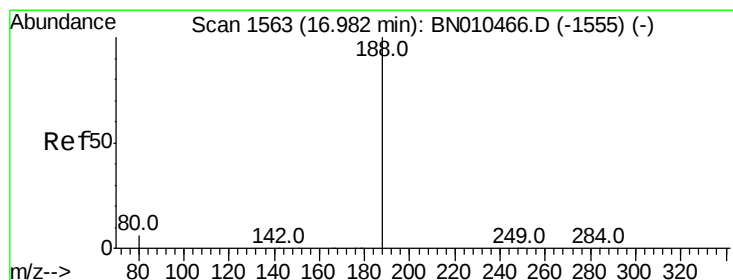
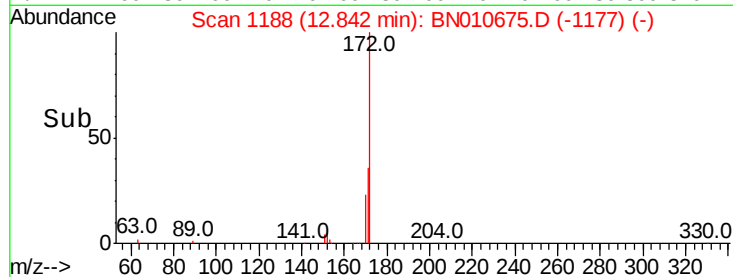
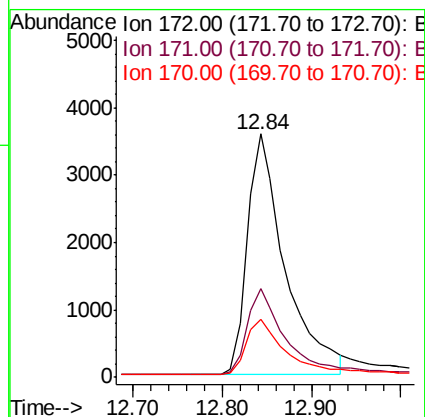
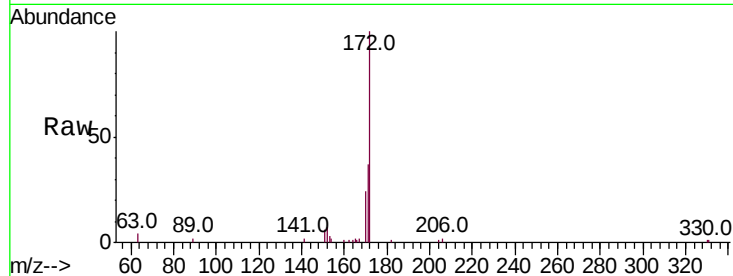




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BN010675.D
Acq: 30 Apr 2020 15:38

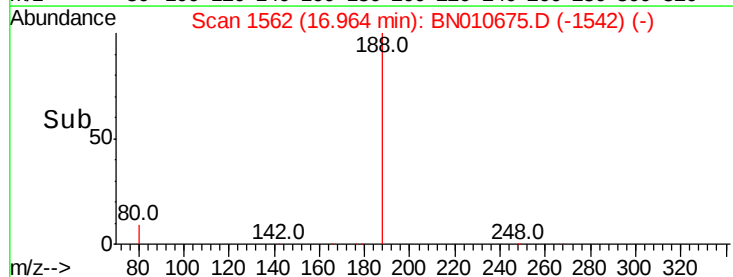
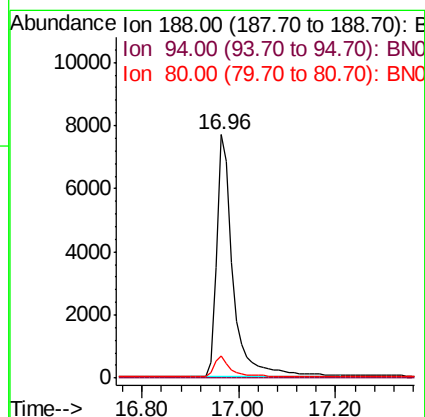
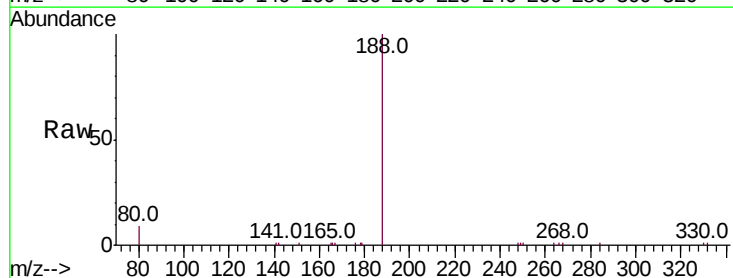
Instrument :
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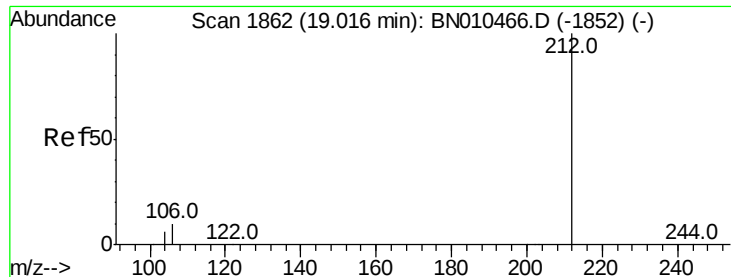
Tot Ion:172 Resp: 10467
Ion Ratio Lower Upper
172 100
171 36.5 28.2 42.2
170 23.8 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BN010675.D
Acq: 30 Apr 2020 15:38

Tgt Ion:188 Resp: 18023
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 5.0 7.6#





#25

Fluoranthene-d10

Concen: 0.286 ng

RT: 19.00 min Scan# 1861

Delta R.T. 0.01 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

Instrument :

BNA_N

ClientSampleId :

PB128575BL

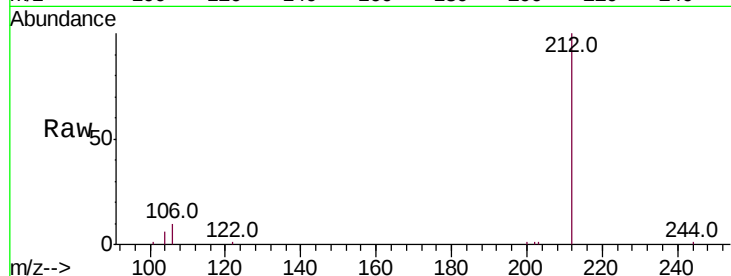
Tot Ion:212 Resp: 15642

Ion Ratio Lower Upper

212 100

106 9.7 7.8 11.6

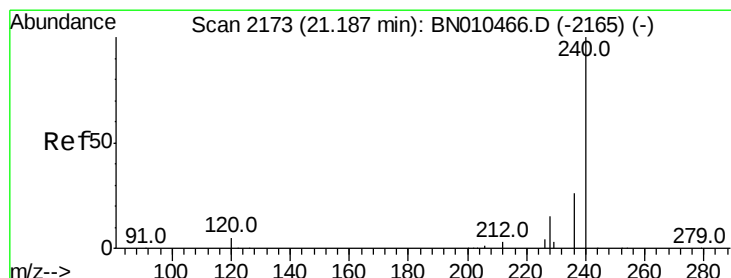
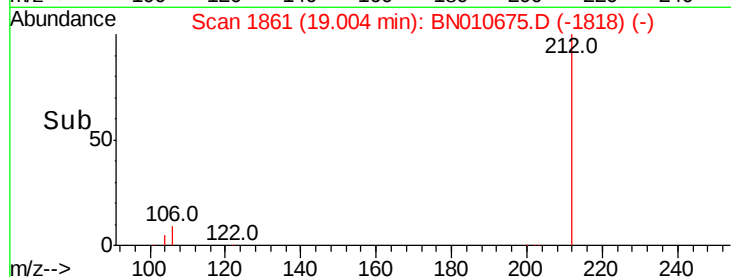
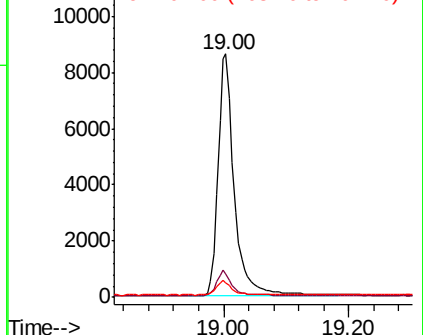
104 5.7 4.5 6.7



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. -0.00 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

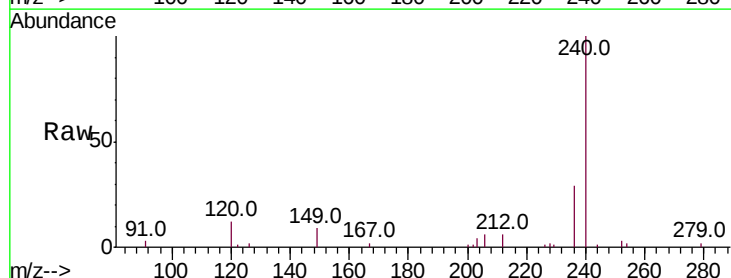
Tgt Ion:240 Resp: 12677

Ion Ratio Lower Upper

240 100

120 11.8 4.8 7.2#

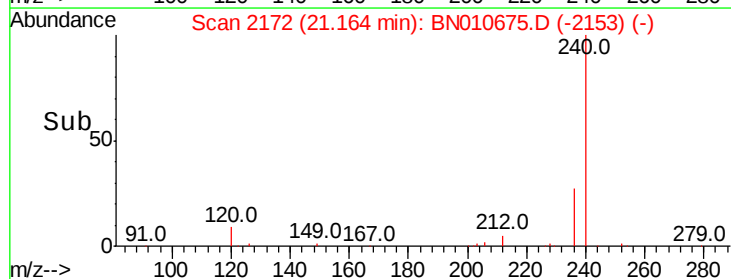
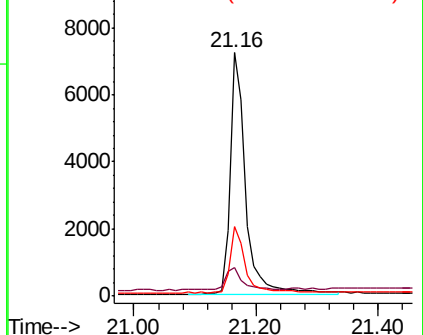
236 28.5 21.4 32.0

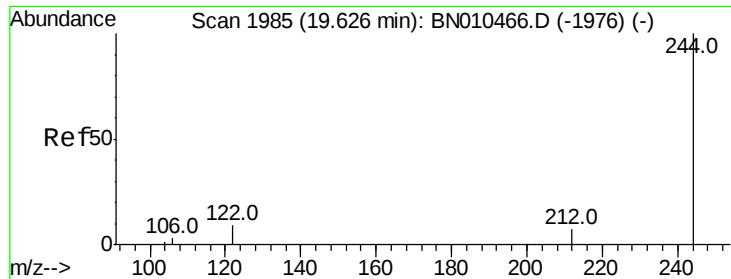


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

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ClientSampleId :

PB128575BL

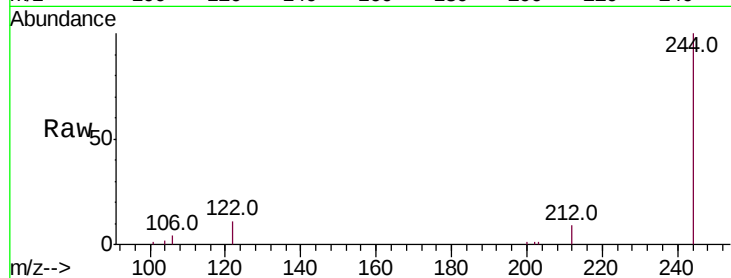
Tot Ion:244 Resp: 11561

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

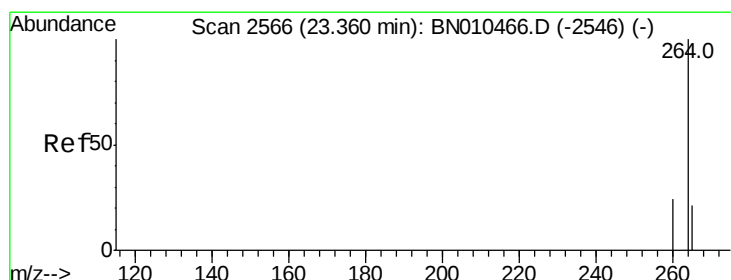
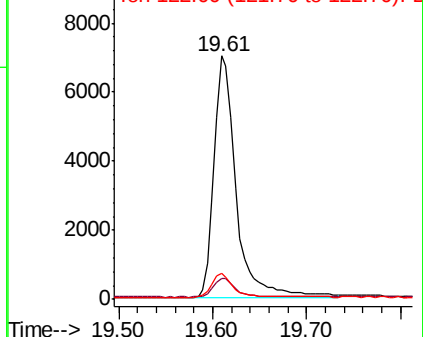
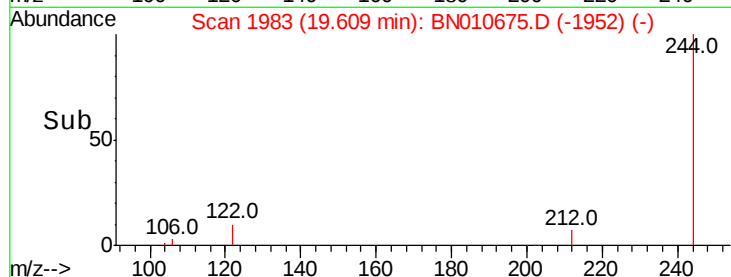
122 10.6 7.8 11.8



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: 23.34 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BN010675.D

Acq: 30 Apr 2020 15:38

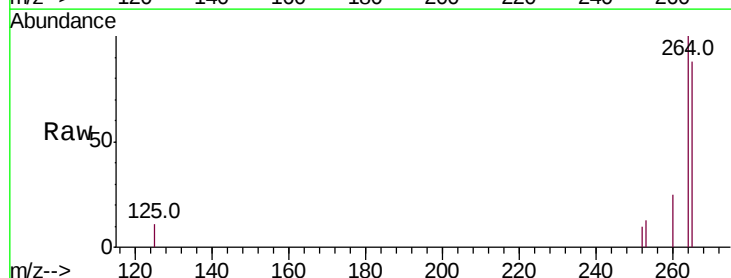
Tgt Ion:264 Resp: 11668

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 87.8 42.3 63.5#



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

