

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051520\
 Data File : BN010724.D
 Acq On : 15 May 2020 10:38
 Operator : CG/JU
 Sample : PB128813BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128813BL

Quant Time: May 15 11:12:26 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	4810	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	18649	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	11422	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	24187	0.40	ng	0.00
27) Chrysene-d12	21.15	240	18806	0.40	ng	0.00
34) Perylene-d12	23.32	264	18086	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	3246	0.34	ng	0.00
5) Phenol-d6	6.78	99	3815	0.33	ng	0.00
8) Nitrobenzene-d5	8.72	82	3304	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	7169	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1028	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	10108	0.24	ng	0.00
25) Fluoranthene-d10	18.99	212	14784	0.23	ng	0.00
29) Terphenyl-d14	19.60	244	11897	0.27	ng	0.00

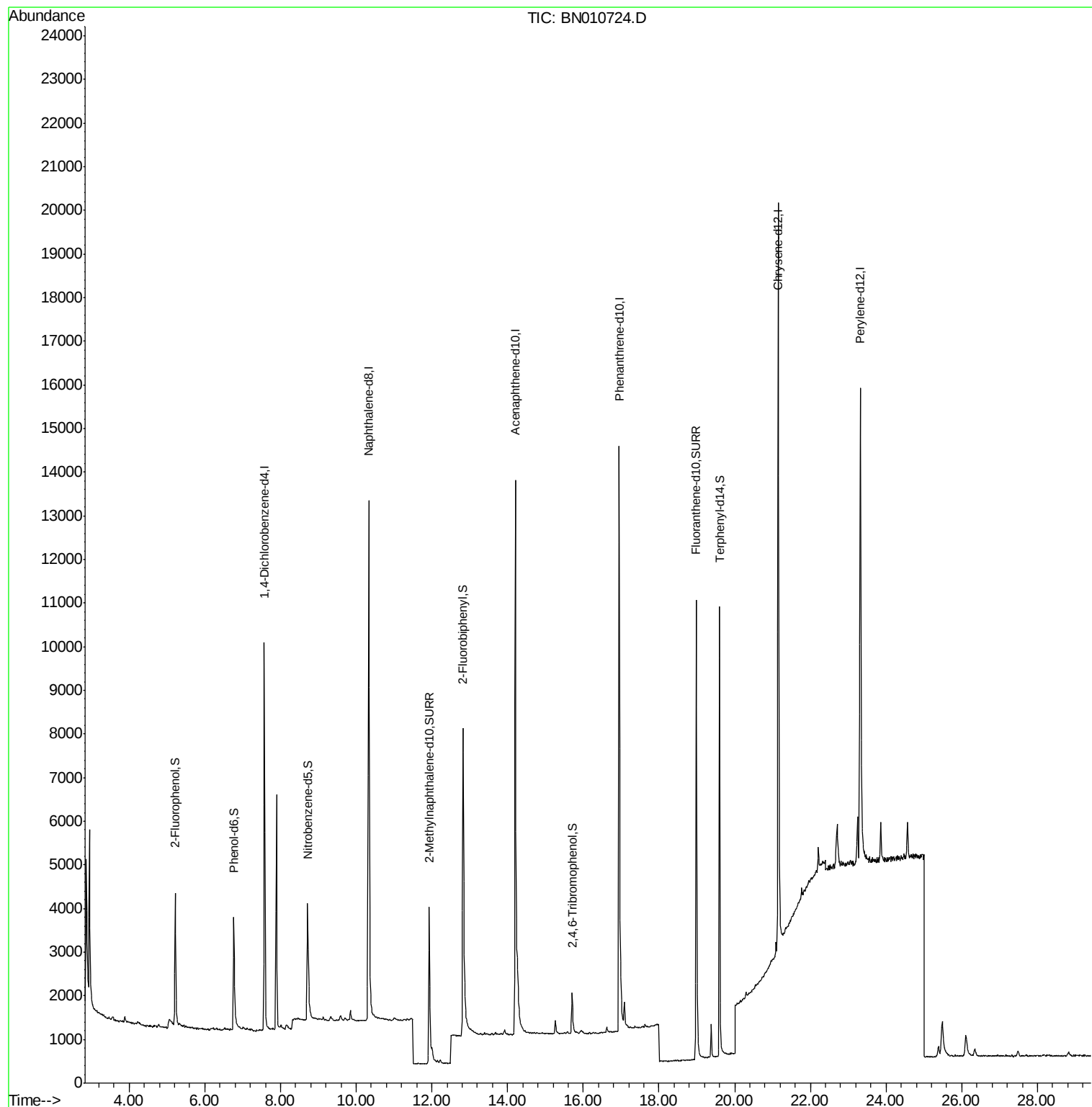
Target Compounds	Qvalue
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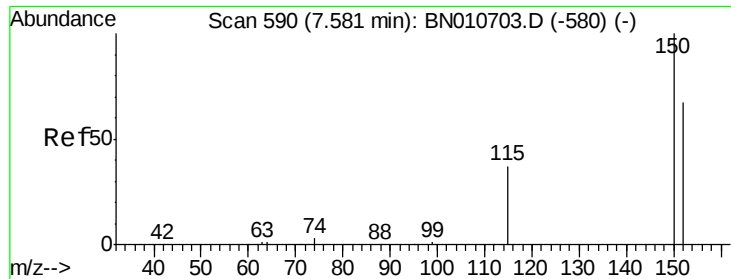
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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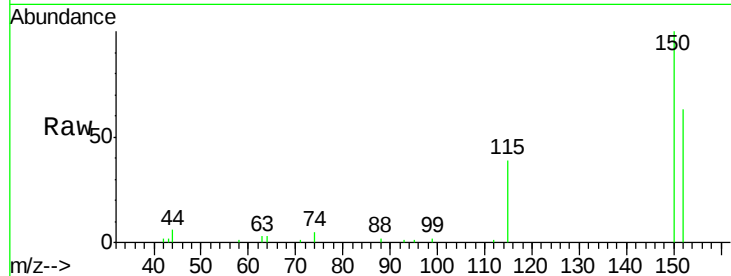


#1

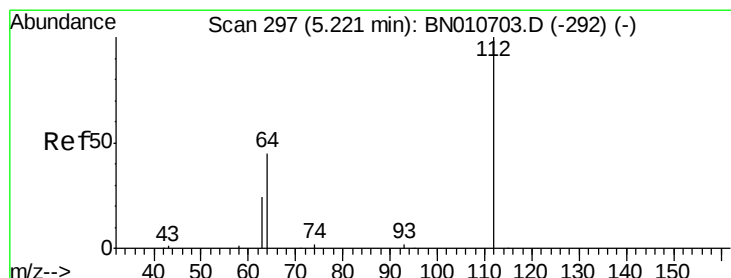
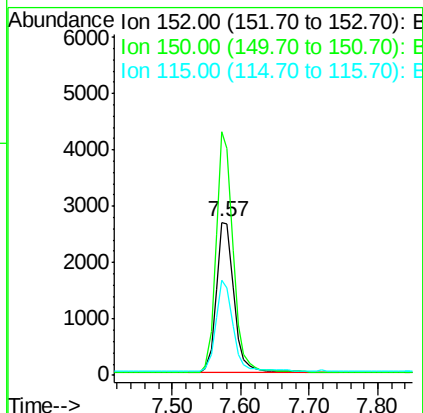
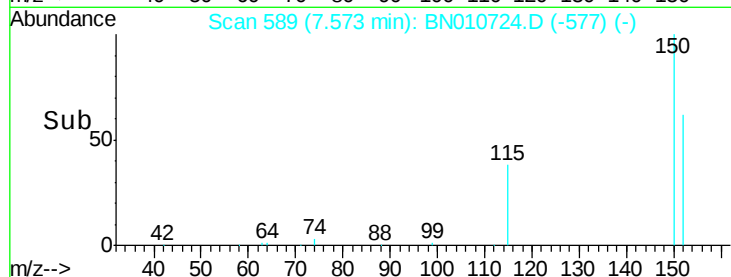
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN010724.D
Acq: 15 May 2020 10:38

Instrument :
BNA_N
ClientSampleId :
PB128813BL

Tgt Ion:152 Resp: 4810
Ion Ratio Lower Upper
152 100
150 159.4 119.4 179.0
115 62.7 45.9 68.9



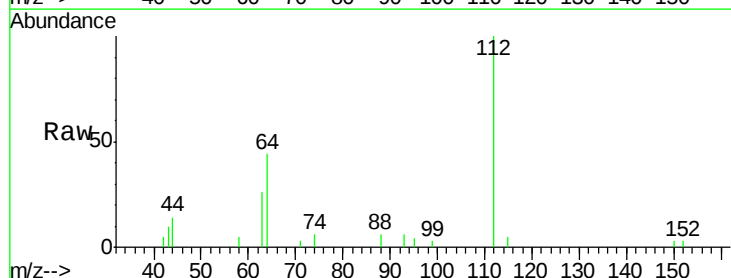
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



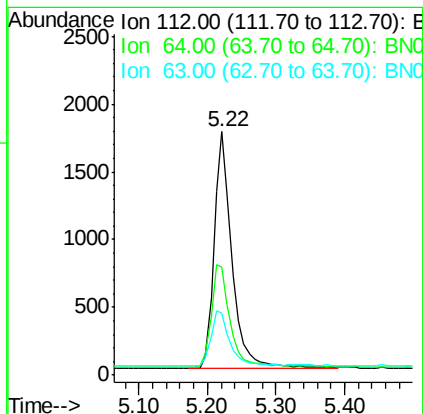
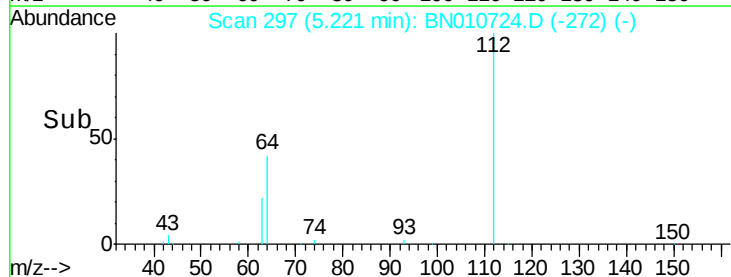
#4

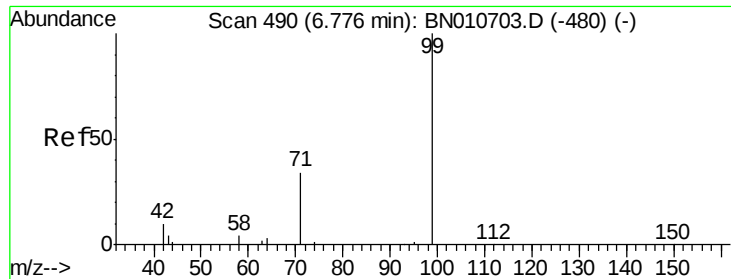
2-Fluorophenol
Concen: 0.34 ng
RT: 5.22 min Scan# 297
Delta R.T. -0.00 min
Lab File: BN010724.D
Acq: 15 May 2020 10:38

Tgt Ion:112 Resp: 3246
Ion Ratio Lower Upper
112 100
64 45.5 36.2 54.4
63 24.6 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: 0.33 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.01 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

ClientSampleId :

PB128813BL

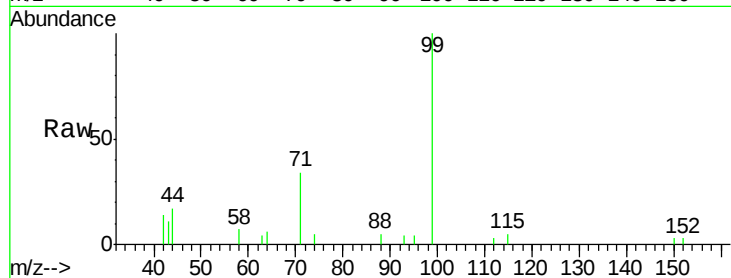
Tgt Ion: 99 Resp: 3815

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.8

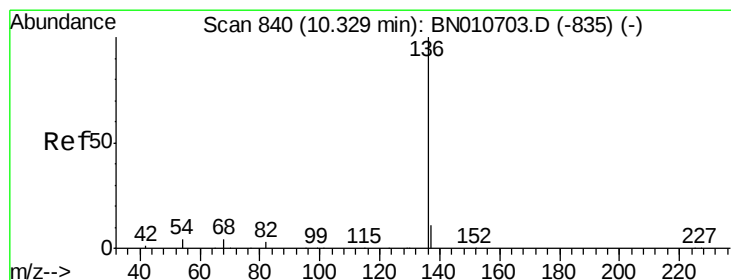
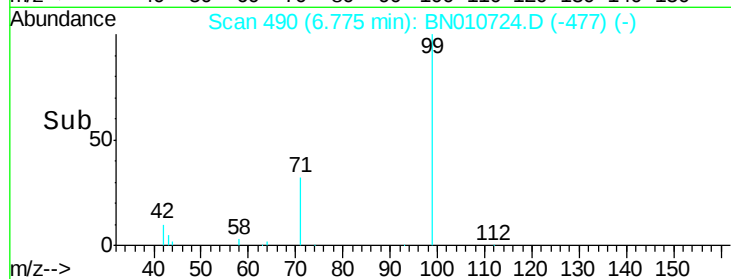
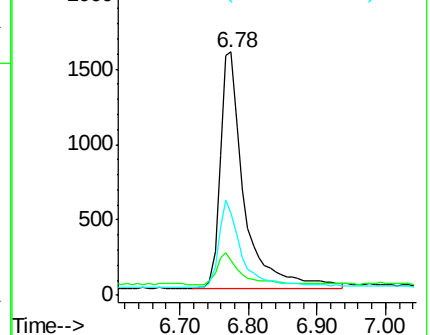
71 34.9 28.6 42.8



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) (-)



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Tgt Ion: 136 Resp: 18649

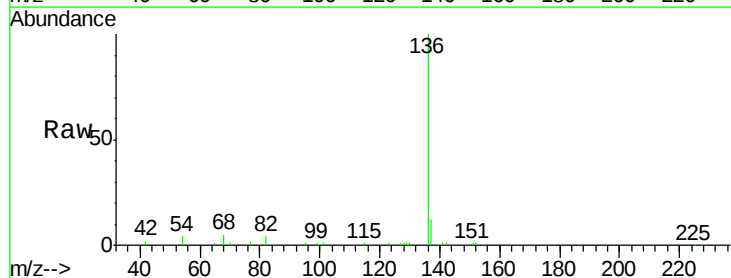
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 4.1 3.6 5.4

68 5.1 4.1 6.1

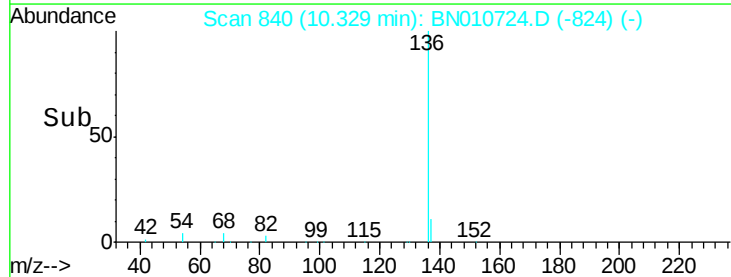
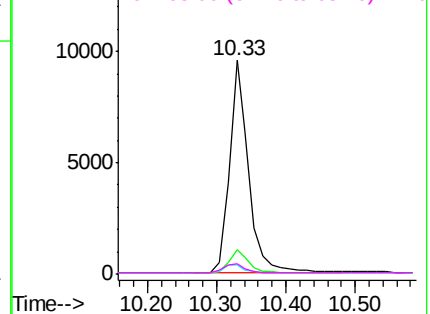


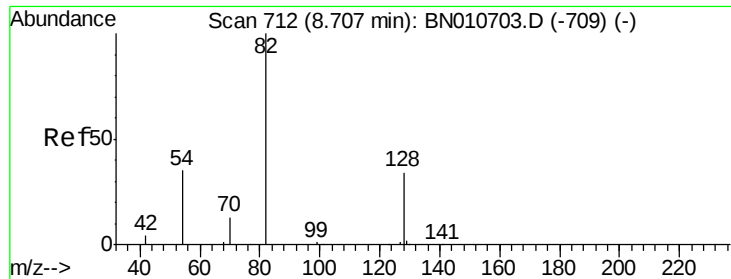
Abundance Ion 136.00 (135.70 to 136.70): BN010703.D (-835) (-)

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) (-)





#8

Nitrobenzene-d5

Concen: 0.26 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.01 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

ClientSampleId :

PB128813BL

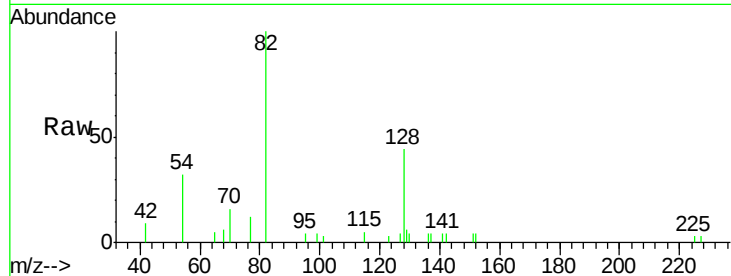
Tgt Ion: 82 Resp: 3304

Ion Ratio Lower Upper

82 100

128 44.4 29.0 43.4#

54 32.5 29.3 43.9

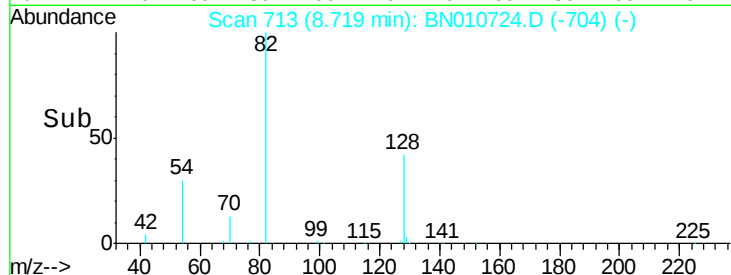


Abundance Ion 82.00 (81.70 to 82.70): BN010703.D (-709) (-)

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

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

Time-->



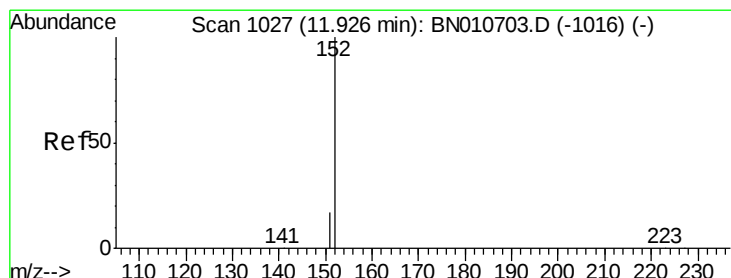
Abundance

Ion 82.00 (81.70 to 82.70): BN010724.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN010724.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN010724.D (-704) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.24 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BN010724.D

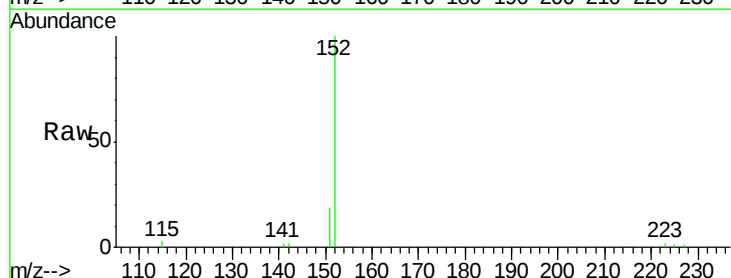
Acq: 15 May 2020 10:38

Tgt Ion: 152 Resp: 7169

Ion Ratio Lower Upper

152 100

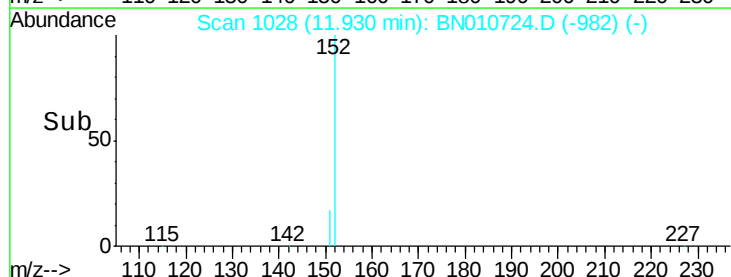
151 18.7 15.0 22.6



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

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

Time-->

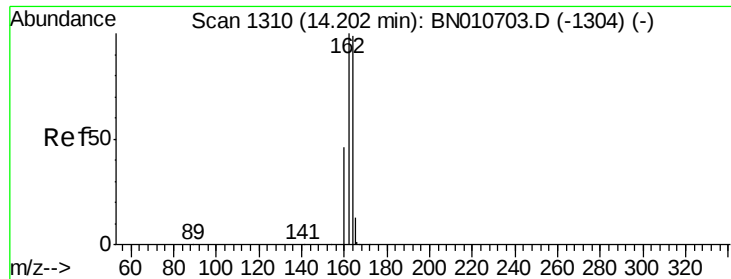


Abundance

Ion 152.00 (151.70 to 152.70): BN010724.D (-982) (-)

Ion 151.00 (150.70 to 151.70): BN010724.D (-982) (-)

Time-->



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

ClientSampleId :

PB128813BL

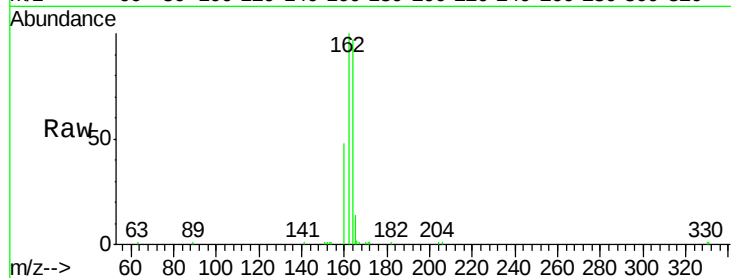
Tgt Ion:164 Resp: 11422

Ion Ratio Lower Upper

164 100

162 102.7 81.1 121.7

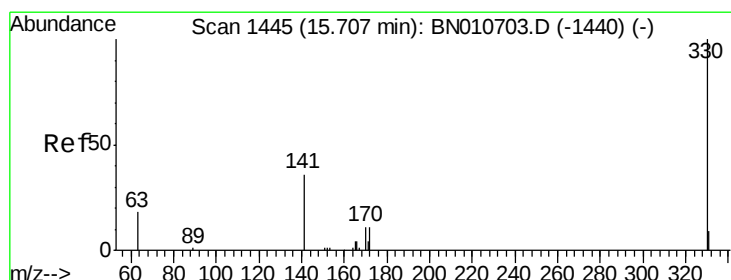
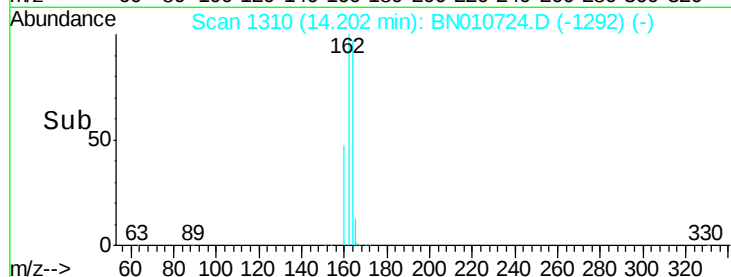
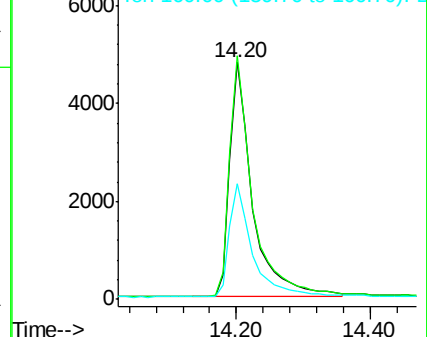
160 48.8 37.9 56.9



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: 0.25 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

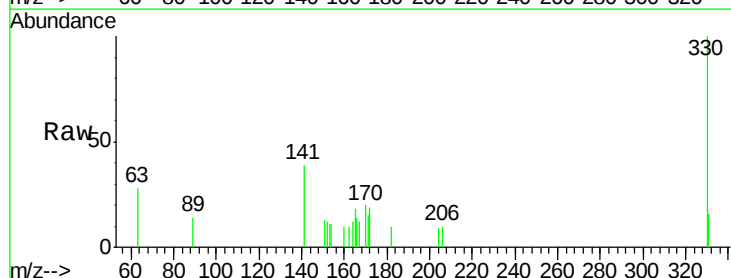
Tgt Ion:330 Resp: 1028

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

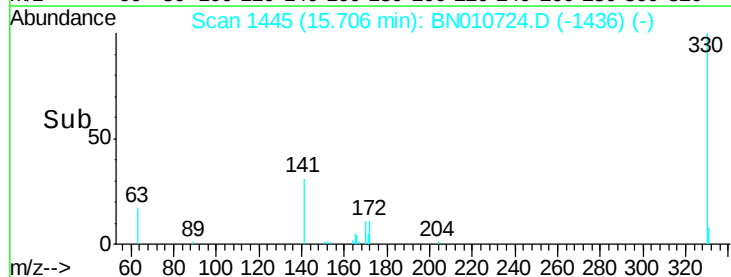
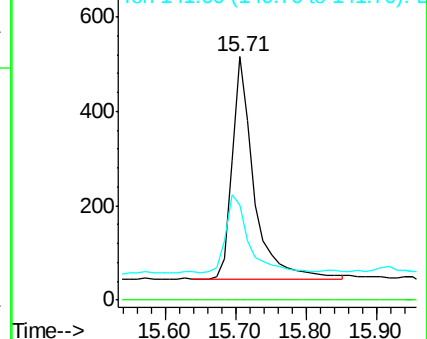
141 35.4 28.8 43.2

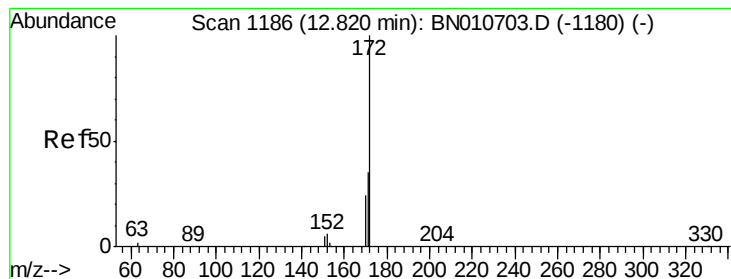


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.24 ng

RT: 12.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

ClientSampleId :

PB128813BL

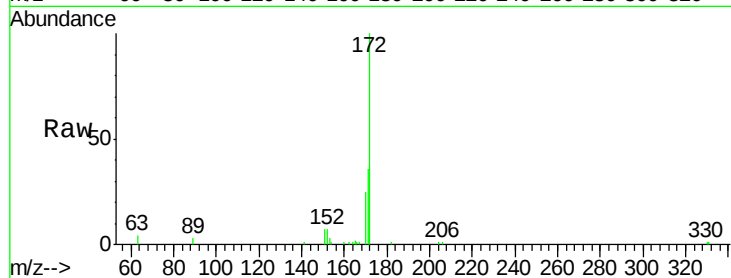
Tgt Ion:172 Resp: 10108

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

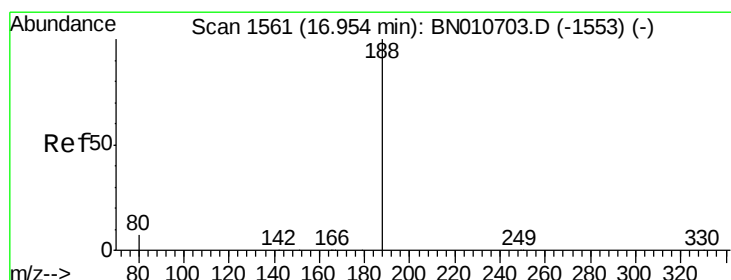
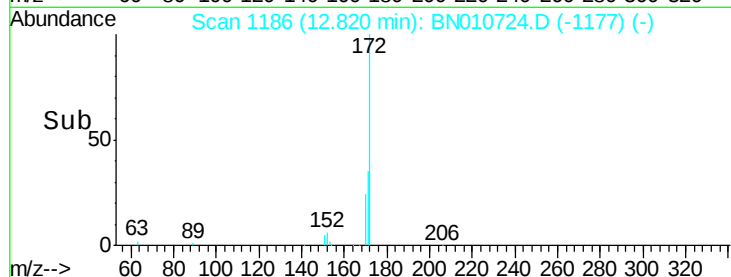
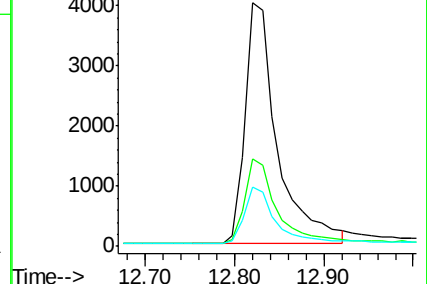
170 24.6 19.8 29.8



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: 0.40 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

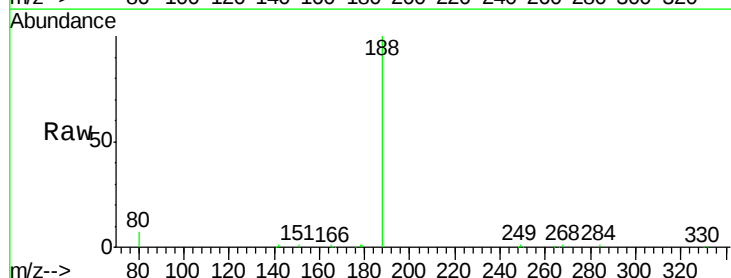
Tgt Ion:188 Resp: 24187

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

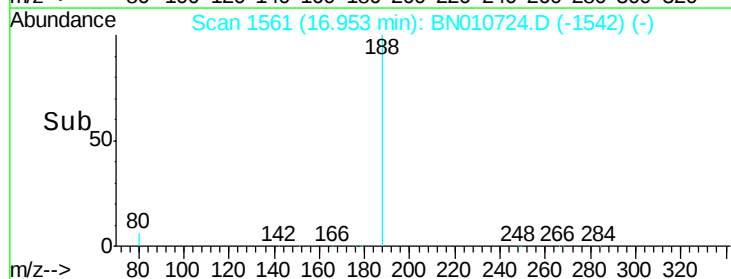
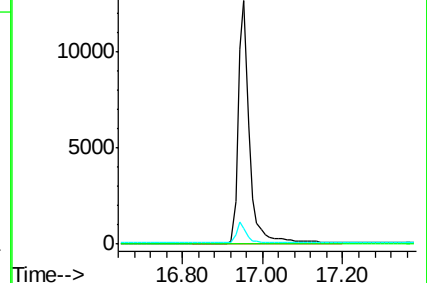
80 6.6 6.3 9.5

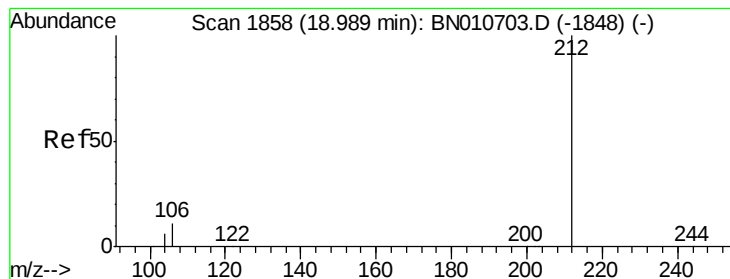


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.23 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

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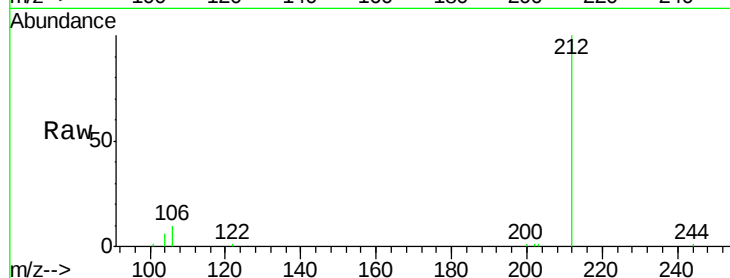
Tgt Ion:212 Resp: 14784

Ion Ratio Lower Upper

212 100

106 9.7 8.2 12.2

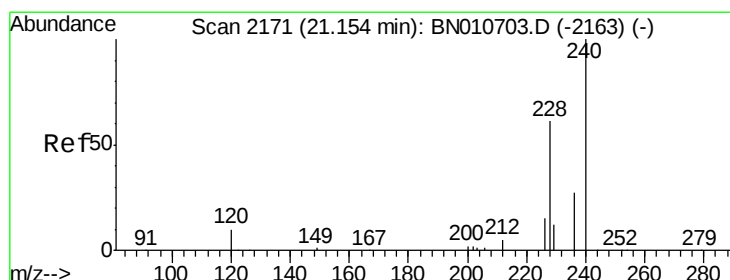
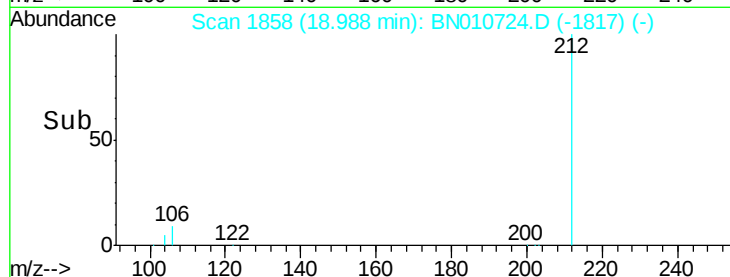
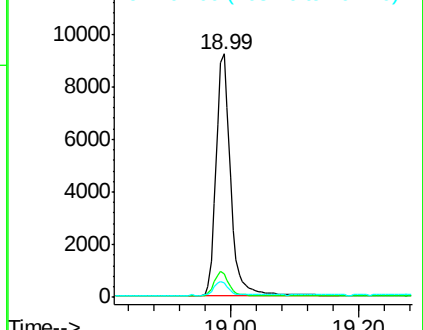
104 5.6 4.7 7.1



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: 0.40 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

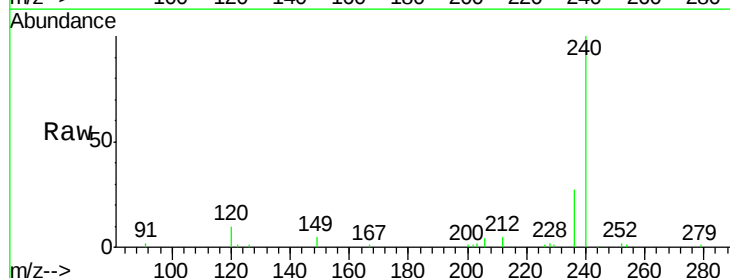
Tgt Ion:240 Resp: 18806

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

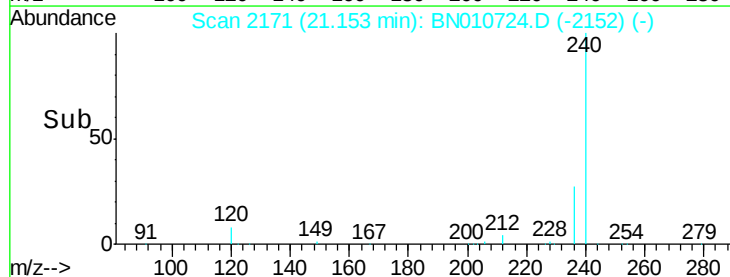
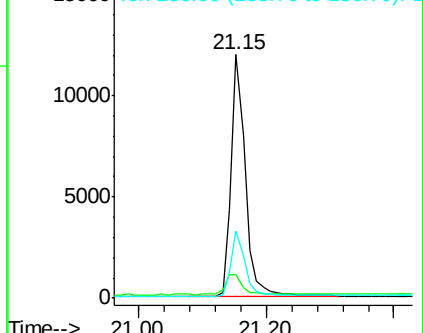
236 27.5 22.5 33.7

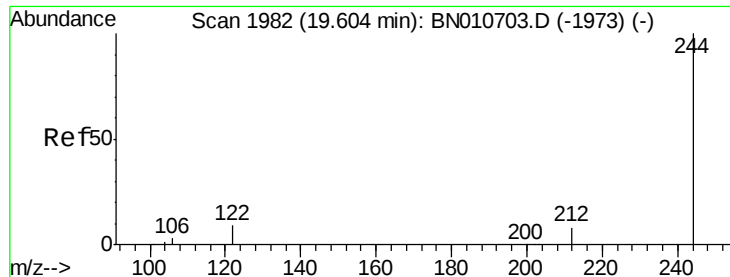


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.27 ng

RT: 19.60 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

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PB128813BL

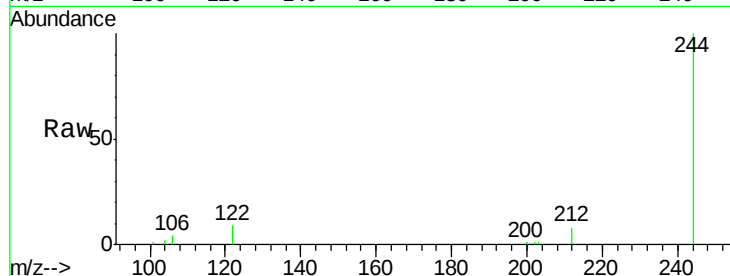
Tgt Ion:244 Resp: 11897

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

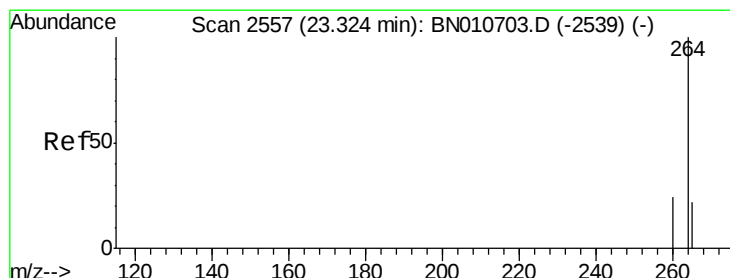
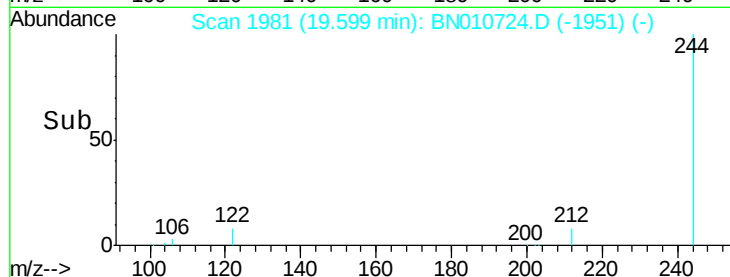
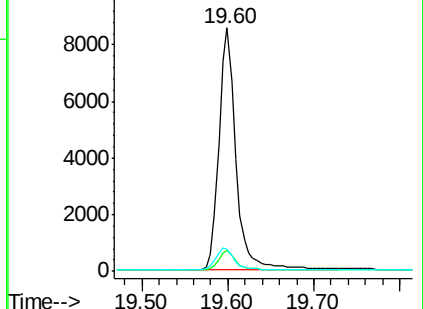
122 9.1 8.1 12.1



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: 0.40 ng

RT: 23.32 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

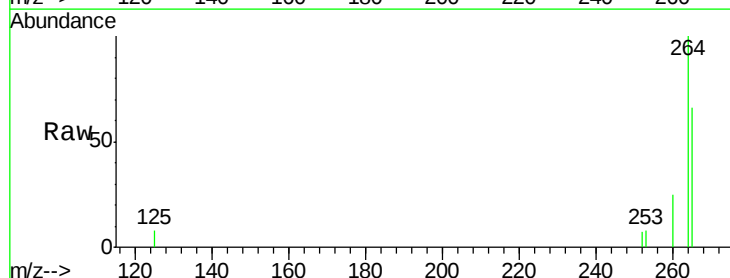
Tgt Ion:264 Resp: 18086

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 65.5 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

