

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010296.D
 Acq On : 19 Mar 2020 19:51
 Operator : CG/JU
 Sample : PB127689BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127689BL

Quant Time: Mar 20 01:42:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4367	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14947	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8484	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19650	0.40	ng	0.00
27) Chrysene-d12	21.19	240	21225	0.40	ng	0.00
34) Perylene-d12	23.36	264	22055	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3342	0.39	ng	0.00
5) Phenol-d6	6.80	99	4027	0.37	ng	0.00
8) Nitrobenzene-d5	8.74	82	5675	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	7316	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	957	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	20404	0.63	ng	0.00
25) Fluoranthene-d10	19.02	212	17981	0.30	ng	0.00
29) Terphenyl-d14	19.63	244	23052	0.50	ng	0.00

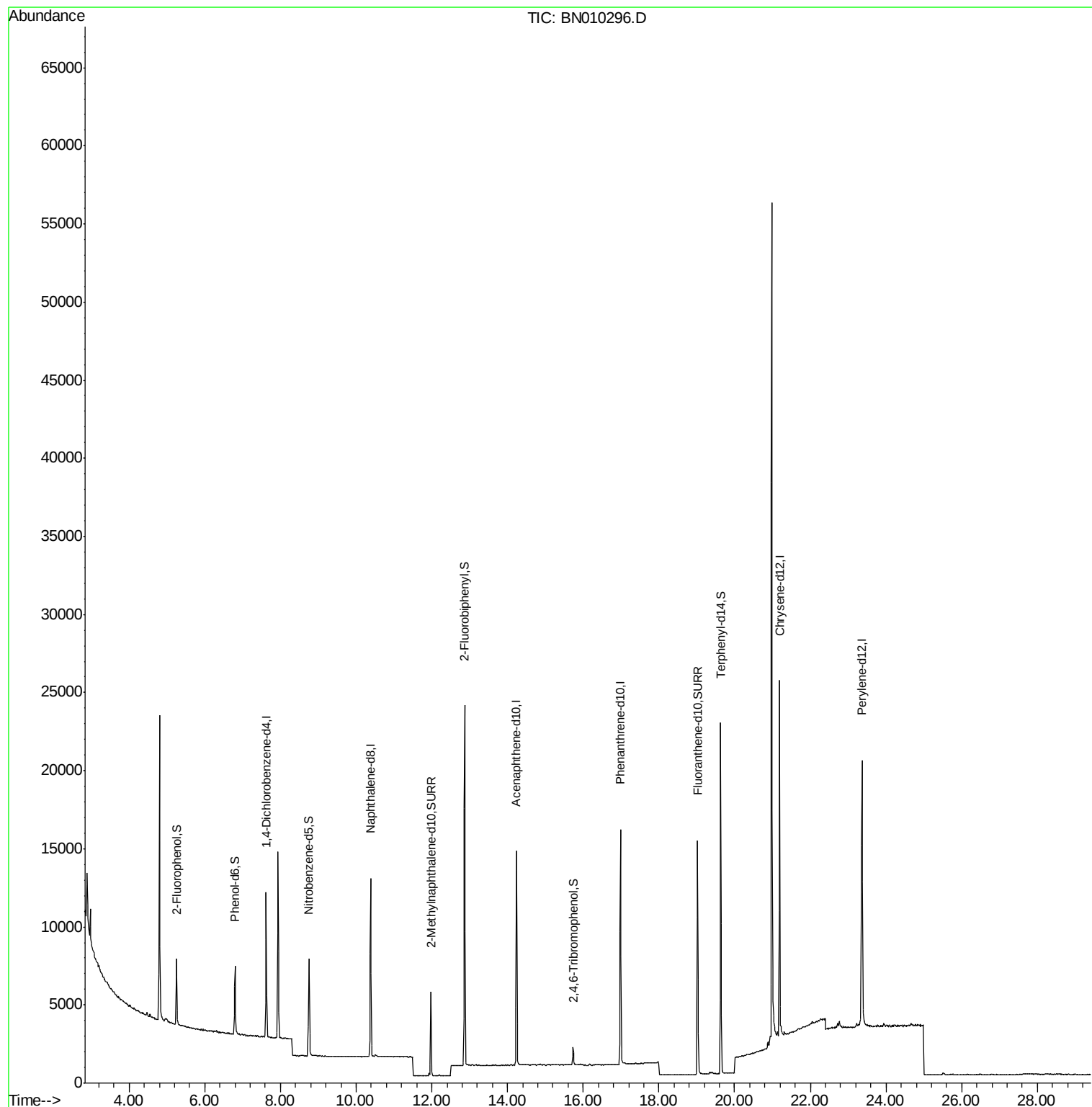
Target Compounds Qvalue

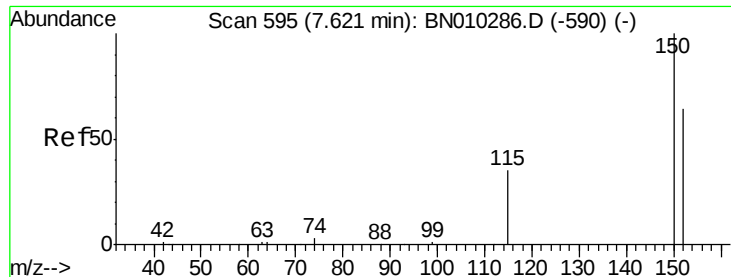
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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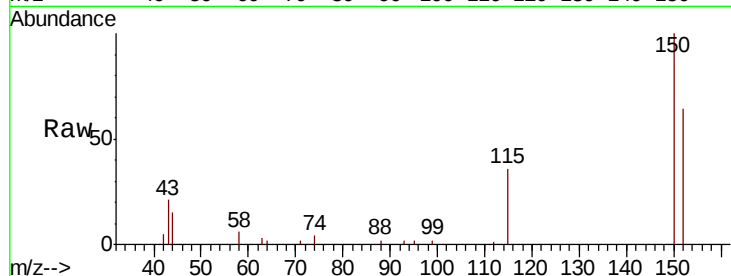


#1

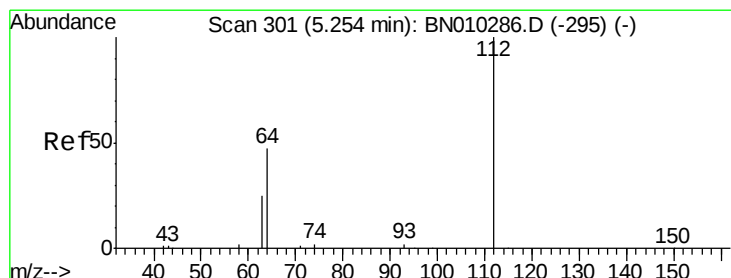
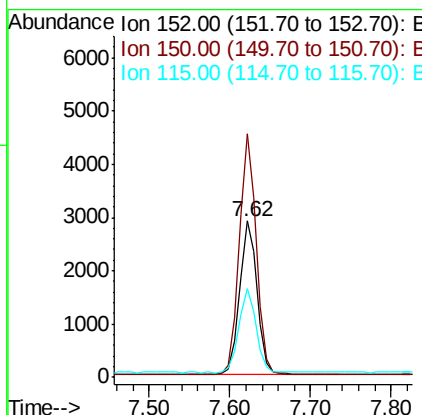
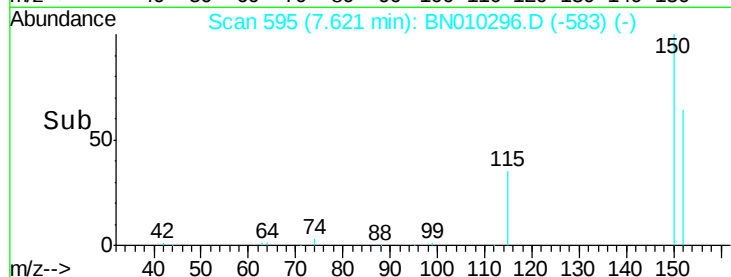
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010296.D
Acq: 19 Mar 2020 19:51

Instrument :
BNA_N
ClientSampleId :
PB127689BL

Tot Ion:152 Resp: 4367
Ion Ratio Lower Upper
152 100
150 155.9 123.1 184.7
115 56.7 45.2 67.8



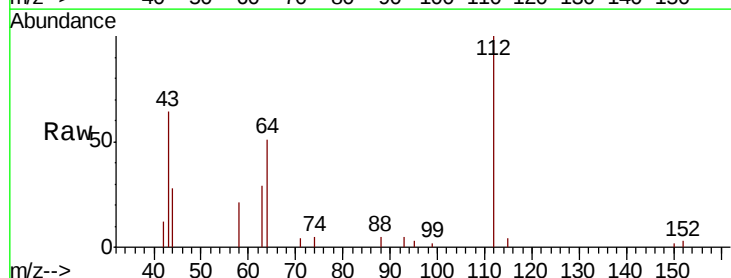
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



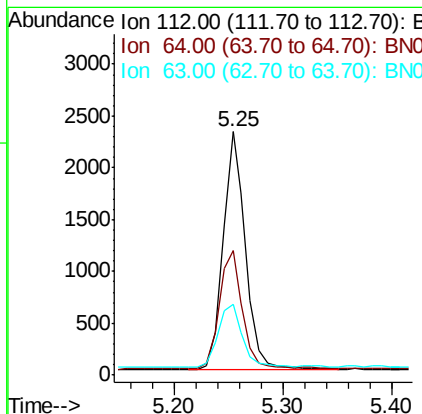
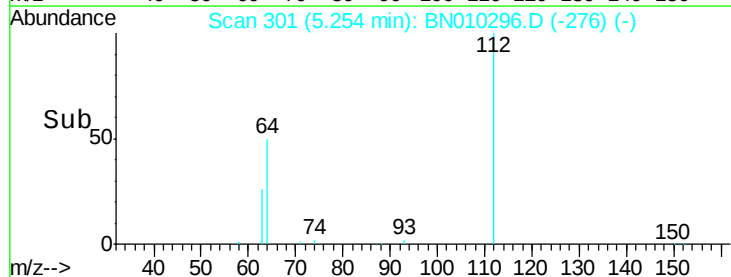
#4

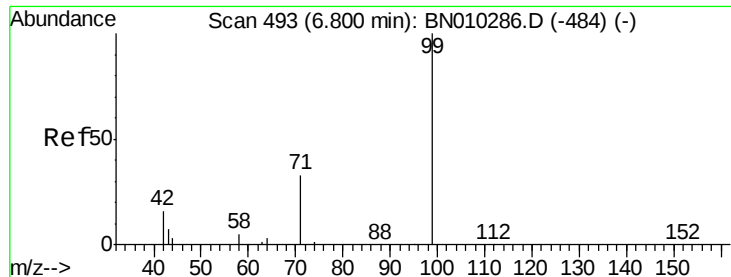
2-Fluorophenol
Concen: 0.387 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010296.D
Acq: 19 Mar 2020 19:51

Tgt Ion:112 Resp: 3342
Ion Ratio Lower Upper
112 100
64 50.8 41.4 62.2
63 28.3 22.9 34.3



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: 0.375 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010296.D

Acq: 19 Mar 2020 19:51

Instrument :

BNA_N

ClientSampleId :

PB127689BL

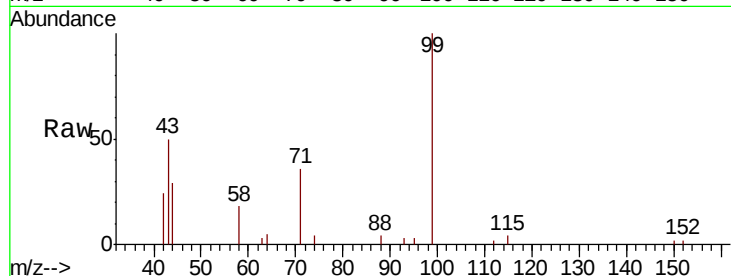
Tot Ion: 99 Resp: 4027

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

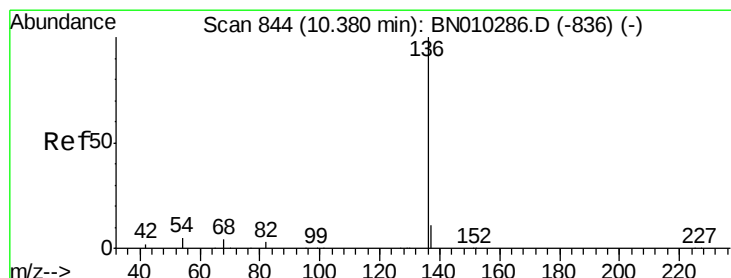
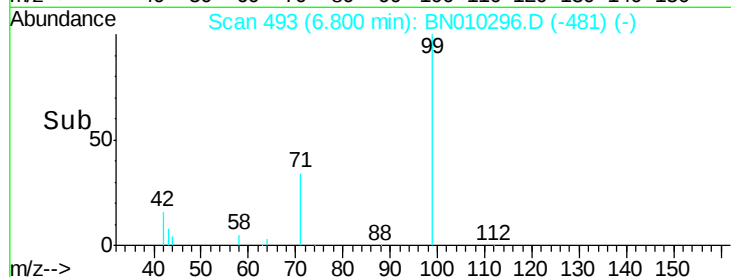
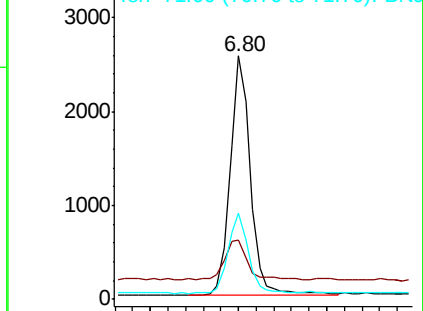
71 33.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010296.D

Acq: 19 Mar 2020 19:51

Tgt Ion: 136 Resp: 14947

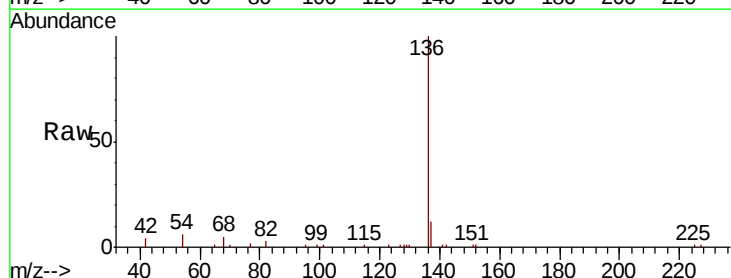
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 5.7 4.8 7.2

68 5.0 4.1 6.1

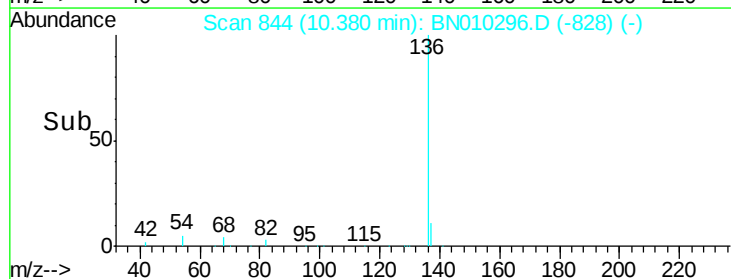
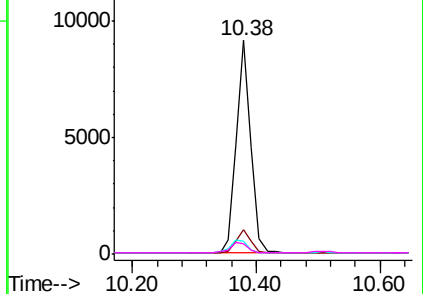


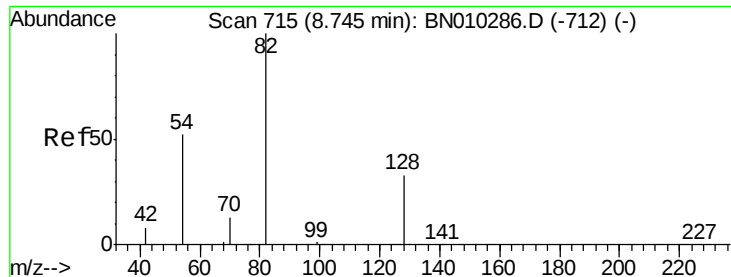
Abundance Ion 136.00 (135.70 to 136.70): BN010286.D (-836) (-)

Ion 137.00 (136.70 to 137.70): BN010286.D (-836) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-836) (-)

Ion 68.00 (67.70 to 68.70): BN010286.D (-836) (-)





#8

Nitrobenzene-d5

Concen: 0.592 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010296.D

Acq: 19 Mar 2020 19:51

Instrument :

BNA_N

ClientSampleId :

PB127689BL

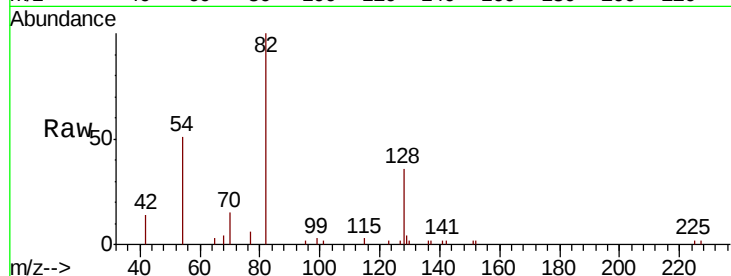
Tot Ion: 82 Resp: 5675

Ion Ratio Lower Upper

82 100

128 35.9 28.8 43.2

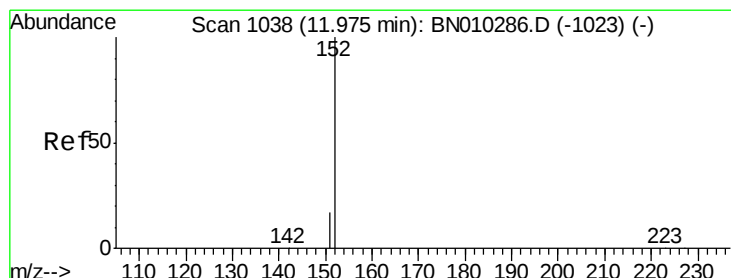
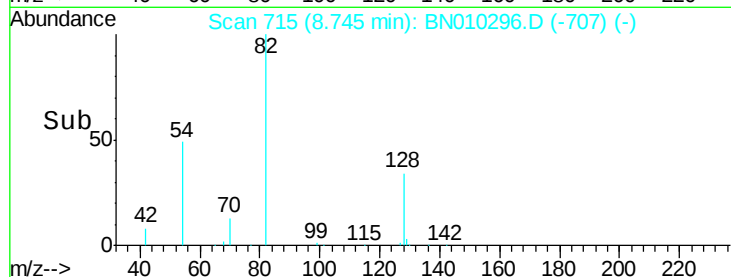
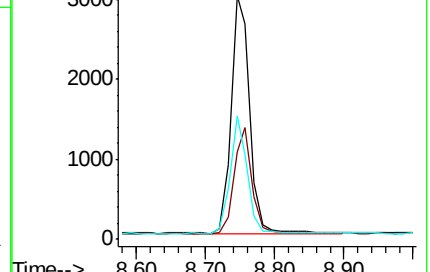
54 50.6 42.1 63.1



Abundance Ion 82.00 (81.70 to 82.70): BN010286.D (-712) (-)

Ion 128.00 (127.70 to 128.70): BN010286.D (-712) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-712) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.307 ng

RT: 11.97 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BN010296.D

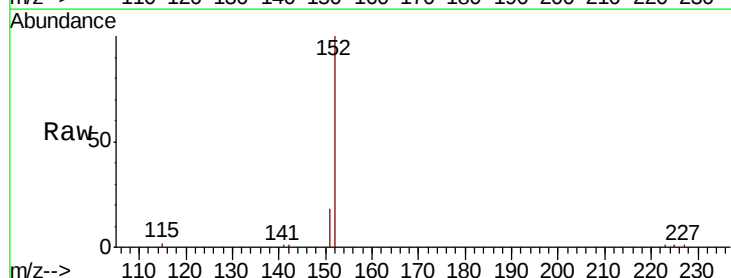
Acq: 19 Mar 2020 19:51

Tgt Ion: 152 Resp: 7316

Ion Ratio Lower Upper

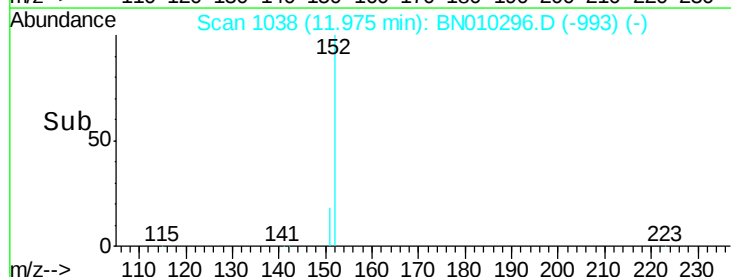
152 100

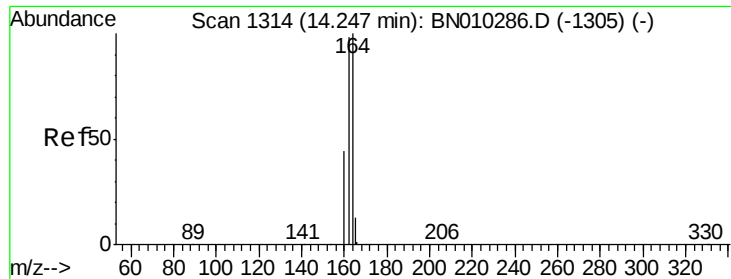
151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN010286.D (-1023) (-)

Ion 151.00 (150.70 to 151.70): BN010286.D (-1023) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010296.D

Acq: 19 Mar 2020 19:51

Instrument :

BNA_N

ClientSampleId :

PB127689BL

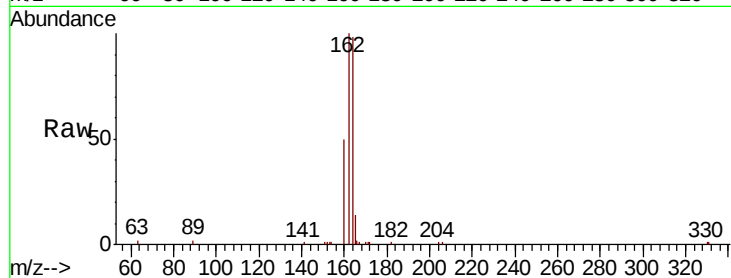
Tot Ion:164 Resp: 8484

Ion Ratio Lower Upper

164 100

162 101.7 78.2 117.2

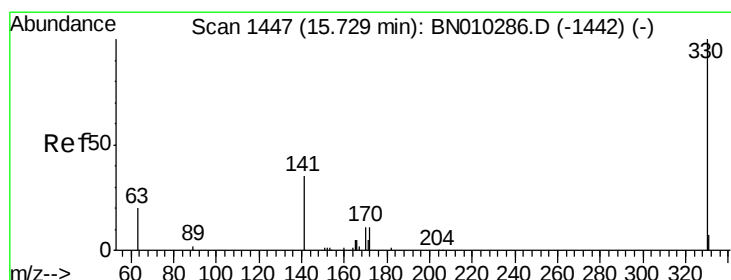
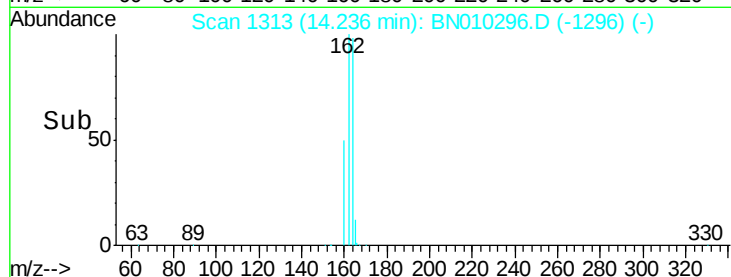
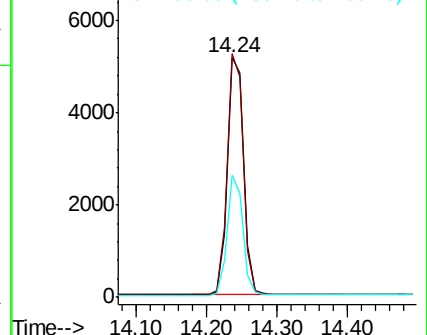
160 50.9 35.8 53.6



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: 0.294 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010296.D

Acq: 19 Mar 2020 19:51

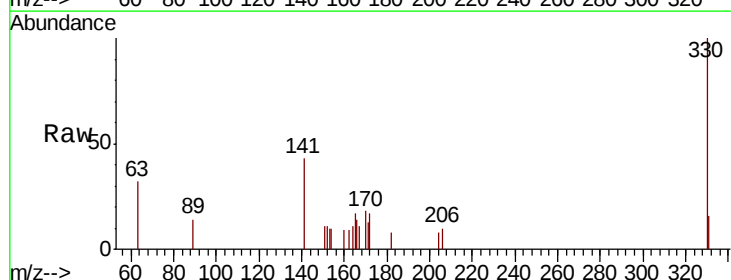
Tgt Ion:330 Resp: 957

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

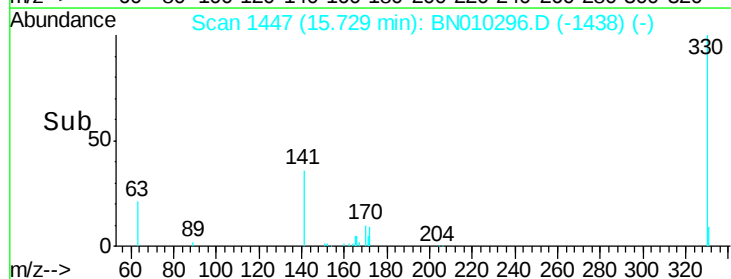
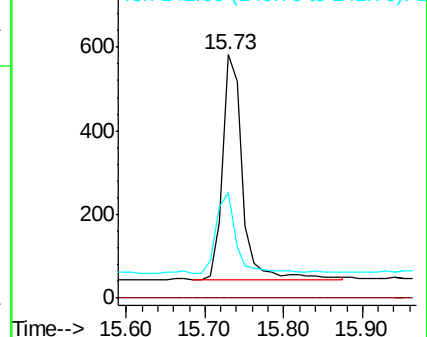
141 34.3 29.3 43.9

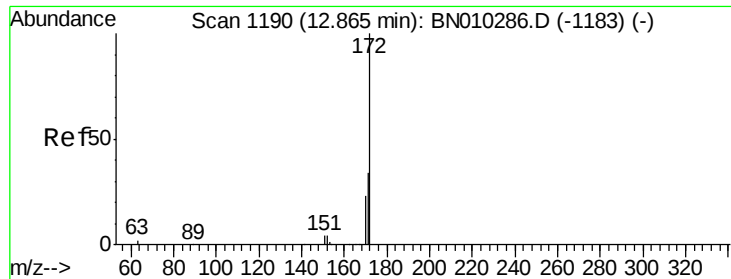


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

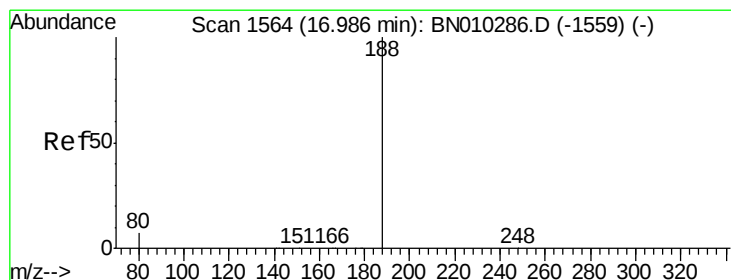
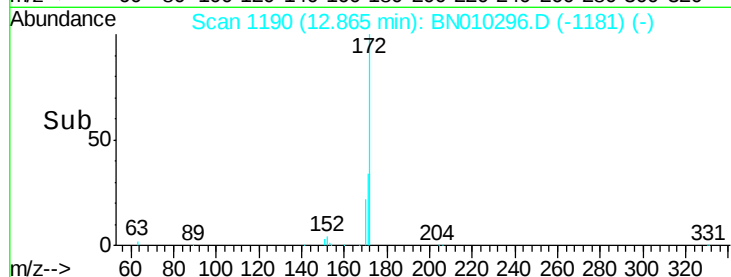
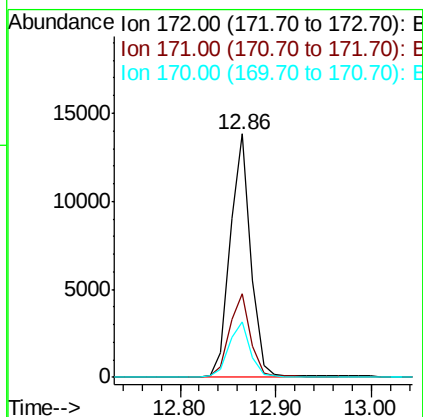
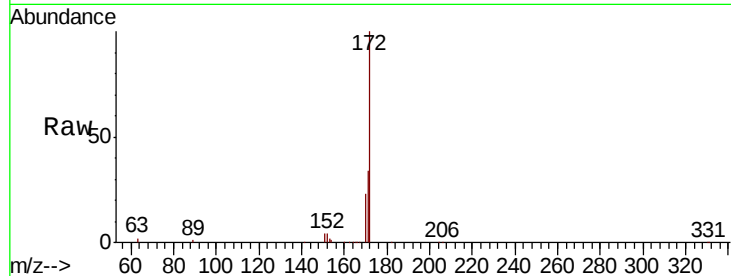




#15
2-Fluorobiphenyl
Concen: 0.628 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010296.D
Acq: 19 Mar 2020 19:51

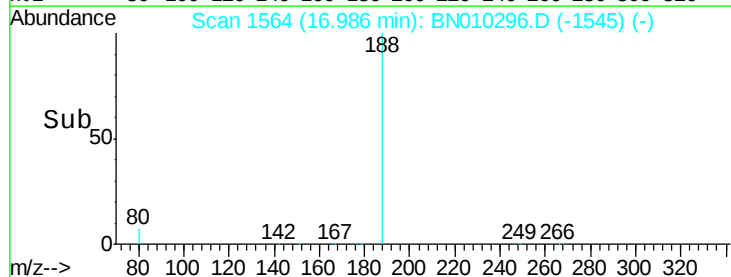
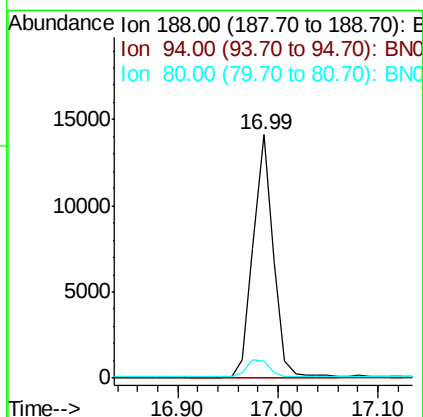
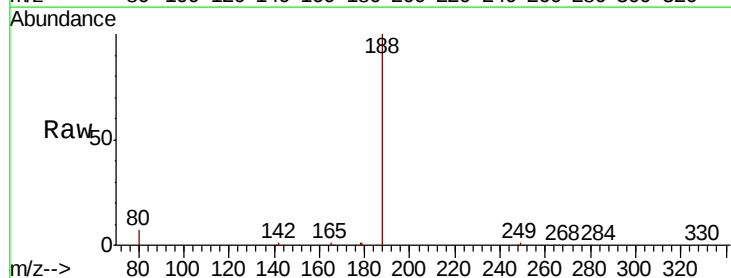
Instrument :
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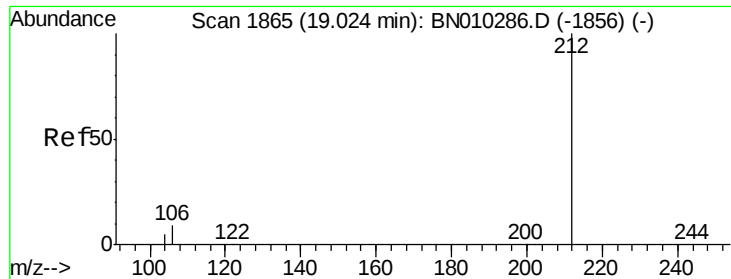
Tot Ion:172 Resp: 20404
Ion Ratio Lower Upper
172 100
171 34.1 27.6 41.4
170 22.7 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010296.D
Acq: 19 Mar 2020 19:51

Tgt Ion:188 Resp: 19650
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.0 9.0





#25

Fluoranthene-d10

Concen: 0.303 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010296.D

Acq: 19 Mar 2020 19:51

Instrument :

BNA_N

ClientSampleId :

PB127689BL

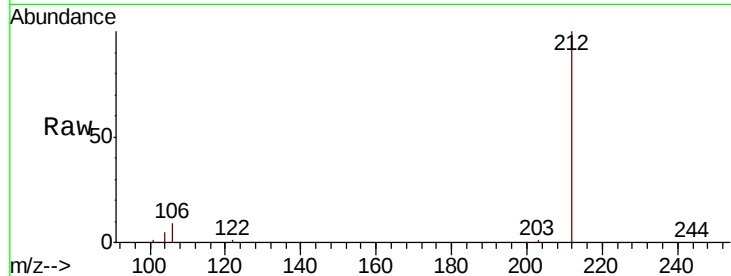
Tot Ion:212 Resp: 17981

Ion Ratio Lower Upper

212 100

106 9.3 7.4 11.2

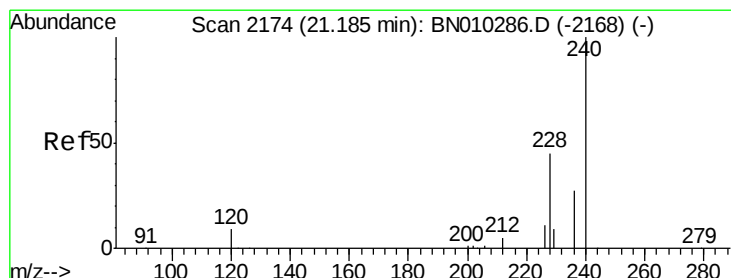
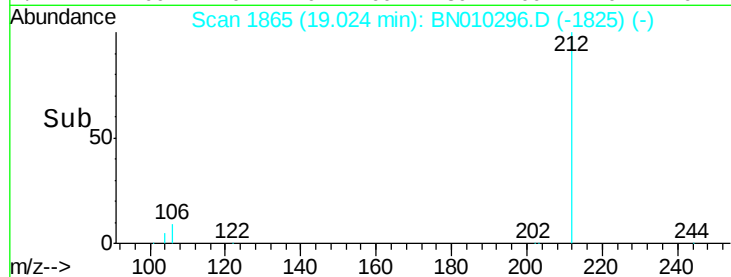
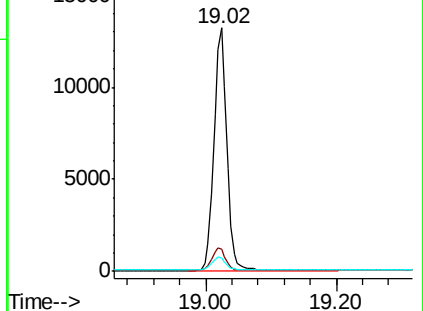
104 5.4 4.2 6.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010296.D

Acq: 19 Mar 2020 19:51

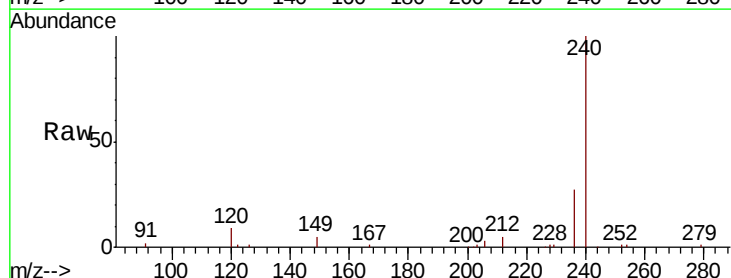
Tgt Ion:240 Resp: 21225

Ion Ratio Lower Upper

240 100

120 8.9 7.9 11.9

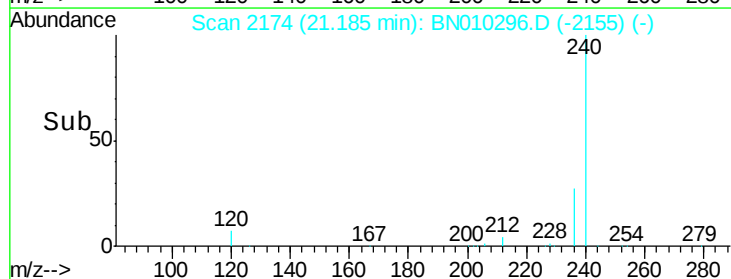
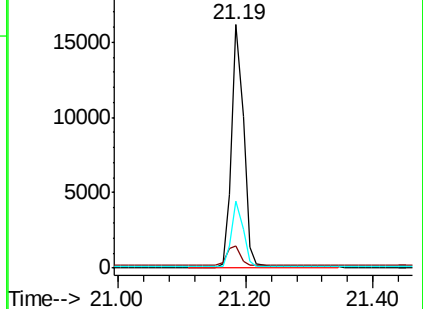
236 27.3 22.2 33.4

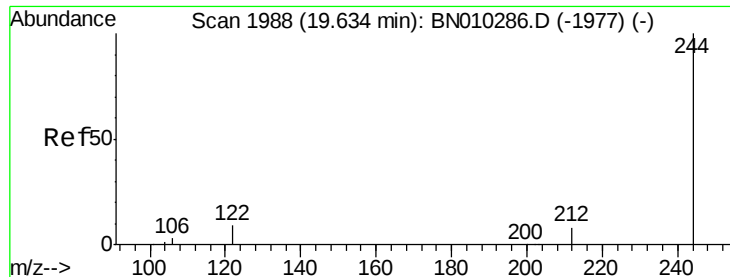


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.503 ng

RT: 19.63 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BN010296.D

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PB127689BL

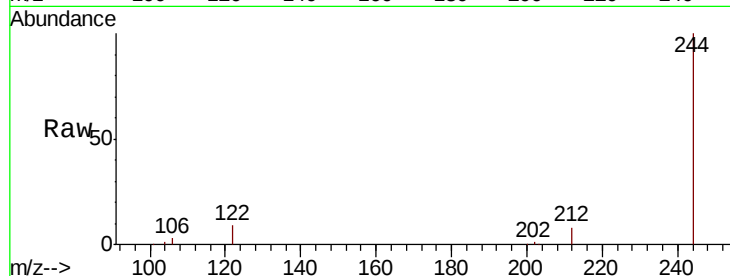
Tot Ion:244 Resp: 23052

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

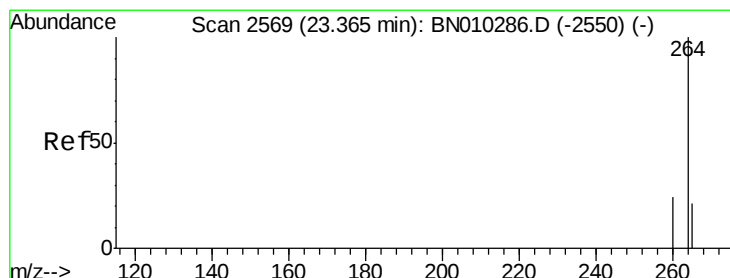
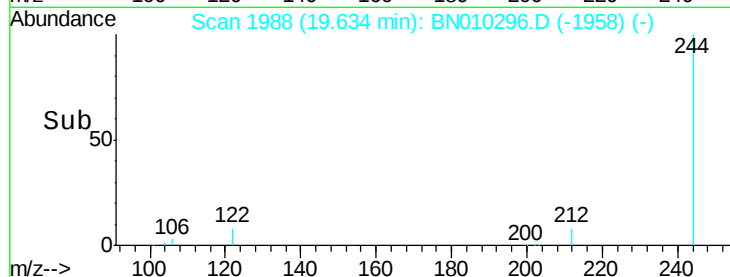
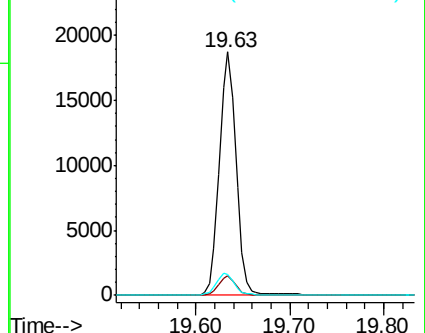
122 8.8 7.6 11.4



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BN010296.D

Acq: 19 Mar 2020 19:51

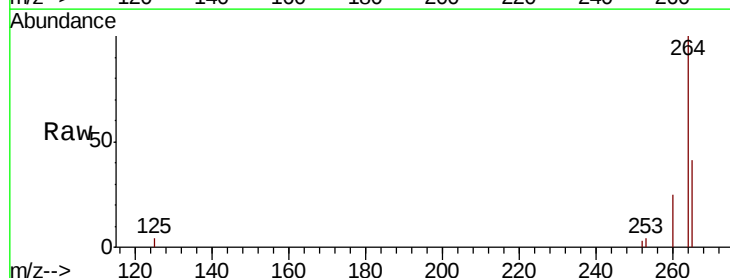
Tgt Ion:264 Resp: 22055

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 40.7 32.4 48.6



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

