

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010323.D
 Acq On : 24 Mar 2020 12:25
 Operator : CG/JU
 Sample : PB127724BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127724BL

Quant Time: Mar 24 12:59:20 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	7.61	152	4752	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	15748	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	8301	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18946	0.40	ng	0.00
27) Chrysene-d12	21.19	240	18204	0.40	ng	0.00
34) Perylene-d12	23.36	264	18146	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	2754	0.29	ng	0.00
5) Phenol-d6	6.79	99	3328	0.28	ng	0.00
8) Nitrobenzene-d5	8.74	82	4787	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	6151	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	726	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	17194	0.54	ng	-0.01
25) Fluoranthene-d10	19.02	212	13948	0.24	ng	0.00
29) Terphenyl-d14	19.63	244	17768	0.45	ng	0.00

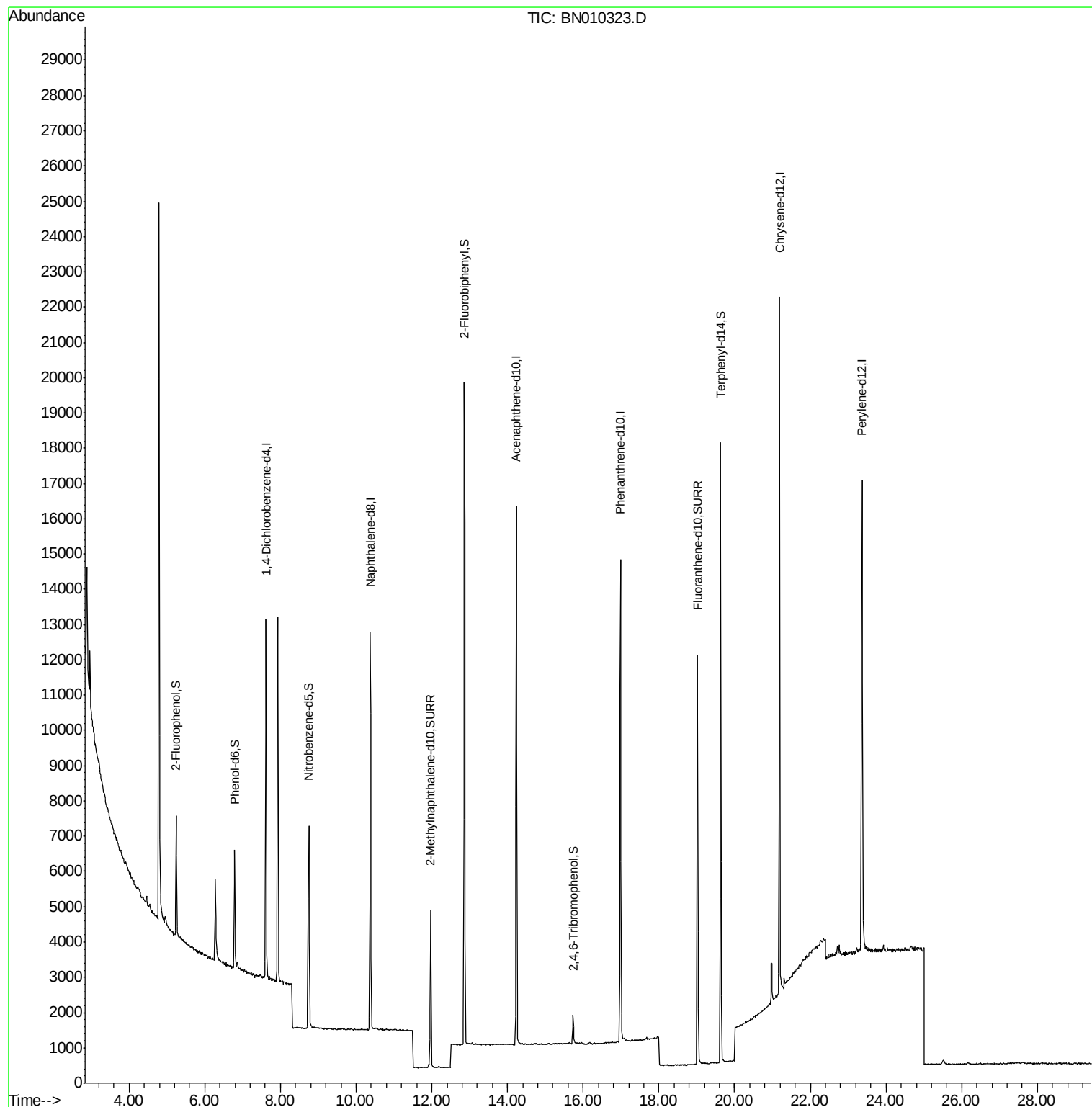
Target Compounds	Qvalue
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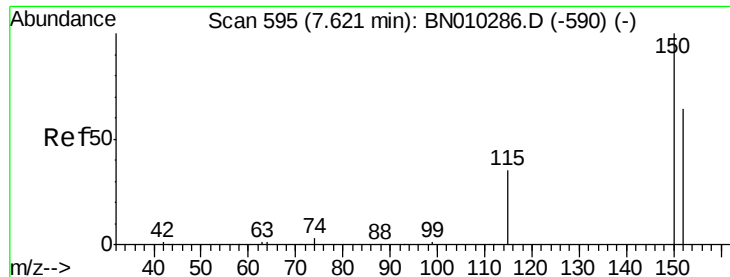
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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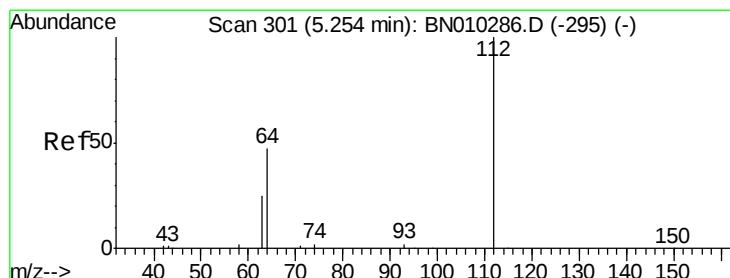
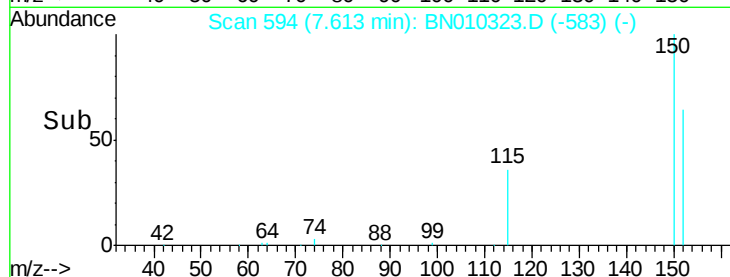
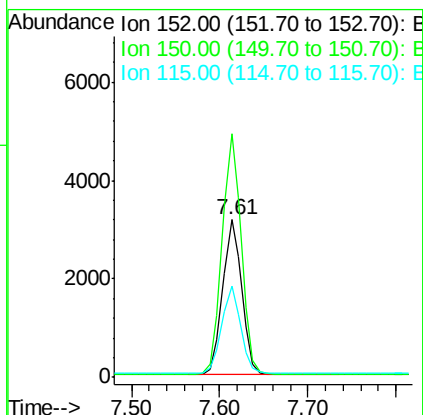
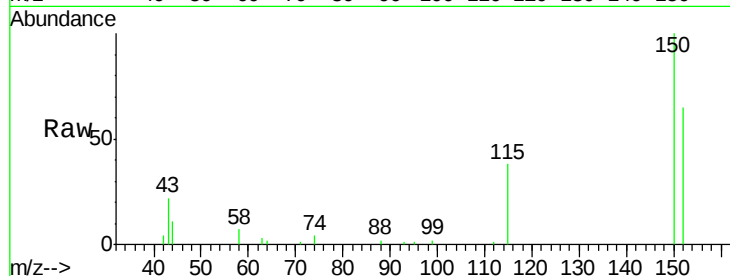


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010323.D
Acq: 24 Mar 2020 12:25

Instrument :
BNA_N
ClientSampleId :
PB127724BL

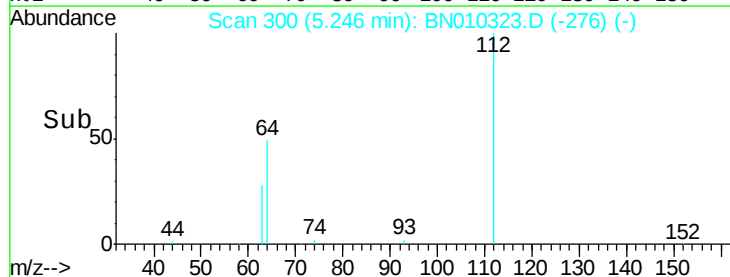
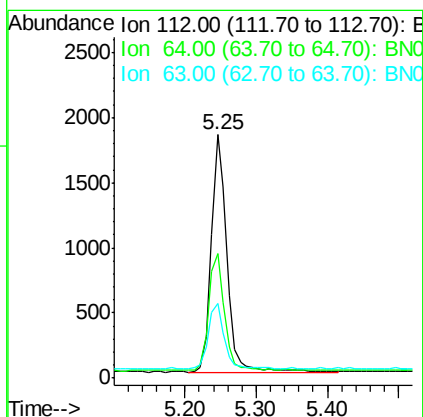
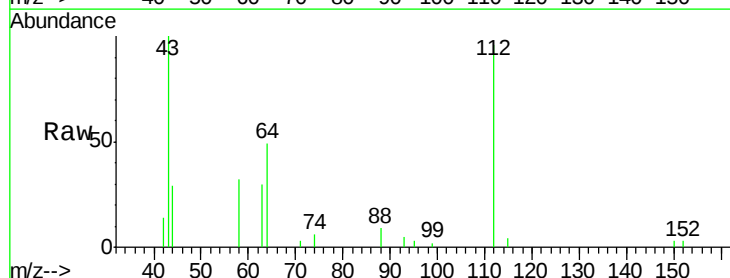
Tot Ion:152 Resp: 4752
Ion Ratio Lower Upper
152 100
150 154.4 123.1 184.7
115 58.1 45.2 67.8

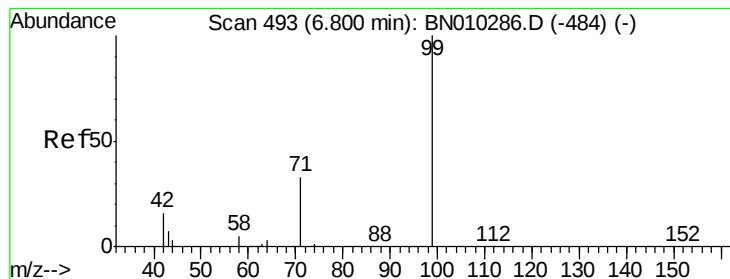


#4

2-Fluorophenol
Concen: 0.293 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.01 min
Lab File: BN010323.D
Acq: 24 Mar 2020 12:25

Tgt Ion:112 Resp: 2754
Ion Ratio Lower Upper
112 100
64 49.9 41.4 62.2
63 27.7 22.9 34.3





#5

Phenol-d6

Concen: 0.285 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010323.D

Acq: 24 Mar 2020 12:25

Instrument :

BNA_N

ClientSampleId :

PB127724BL

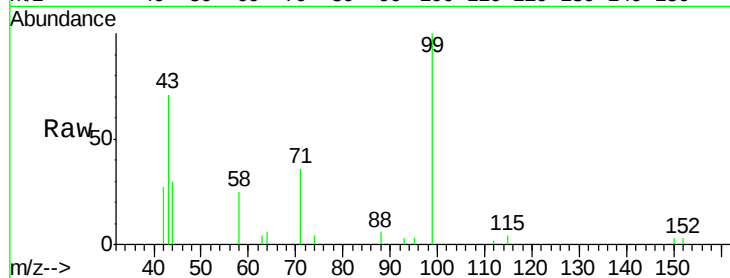
Tot Ion: 99 Resp: 3328

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

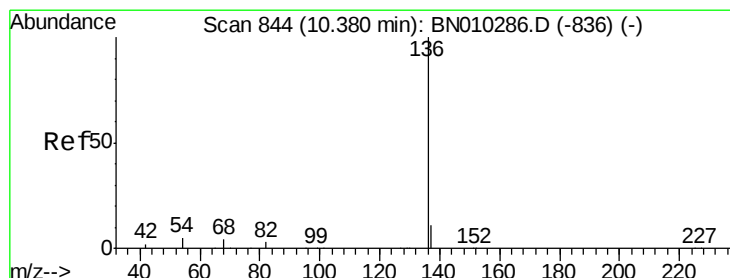
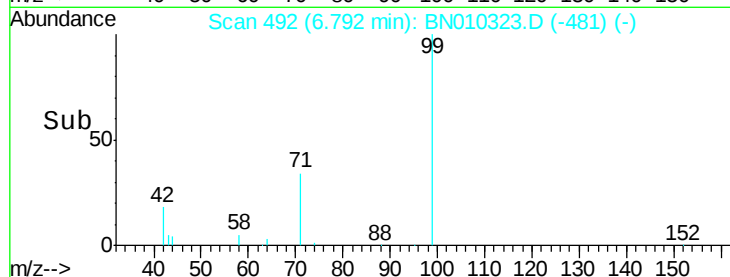
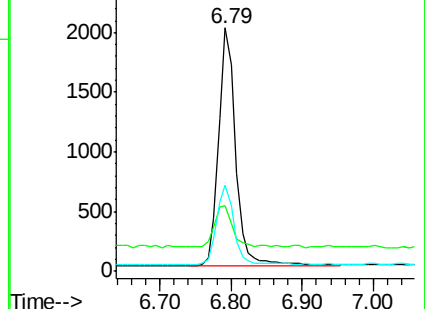
71 34.0 27.3 40.9



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: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN010323.D

Acq: 24 Mar 2020 12:25

Tgt Ion: 136 Resp: 15748

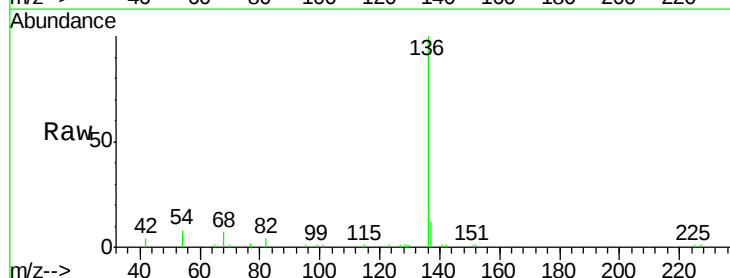
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.6 4.8 7.2#

68 6.6 4.1 6.1#

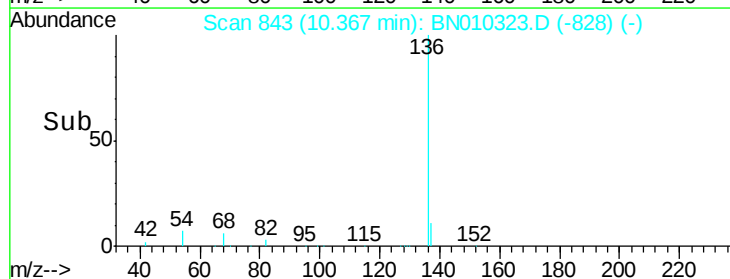
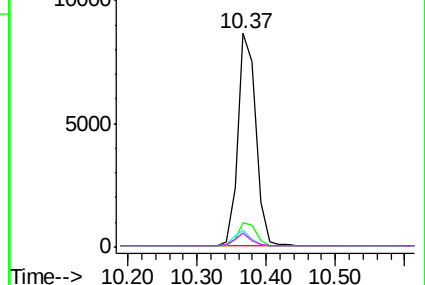


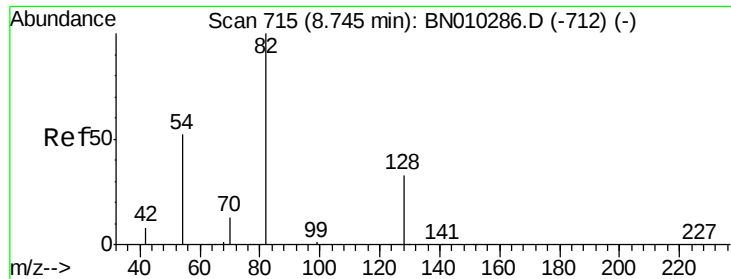
Abundance Ion 136.00 (135.70 to 136.70): BN010286.D (-836) (-)

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) (-)

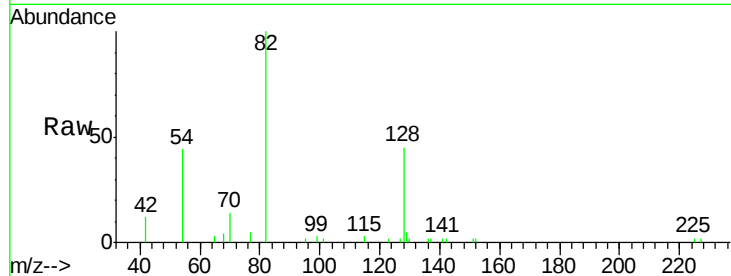




#8
 Nitrobenzene-d5
 Concen: 0.474 ng
 RT: 8.74 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BN010323.D
 Acq: 24 Mar 2020 12:25

Instrument :
 BNA_N
 ClientSampleId :
 PB127724BL

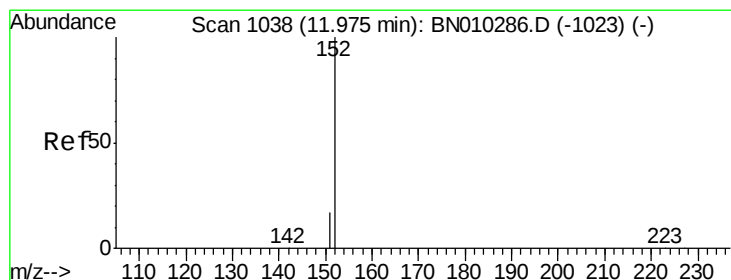
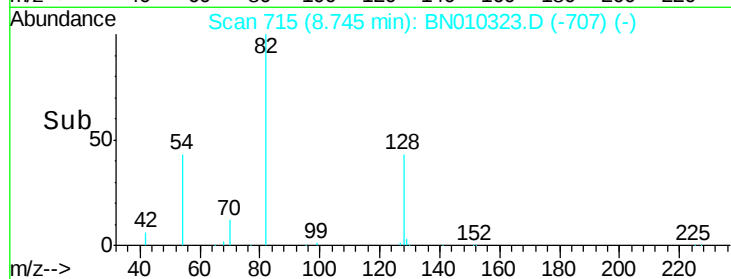
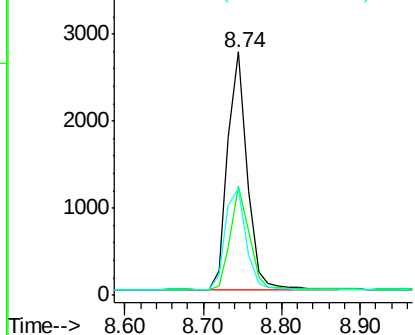
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	28.8	43.2#
54	43.9	42.1	63.1



Abundance Ion 82.00 (81.70 to 82.70): BN010323.D (-993) (-)

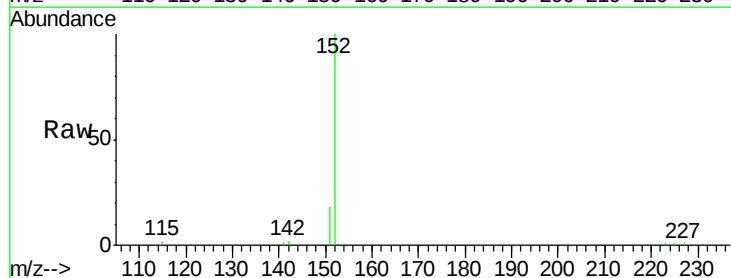
Ion 128.00 (127.70 to 128.70): BN010323.D (-993) (-)

Ion 54.00 (53.70 to 54.70): BN010323.D (-993) (-)



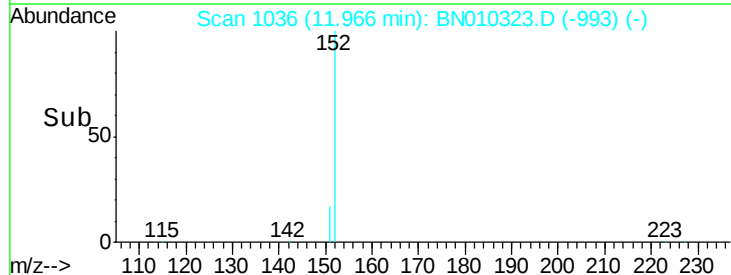
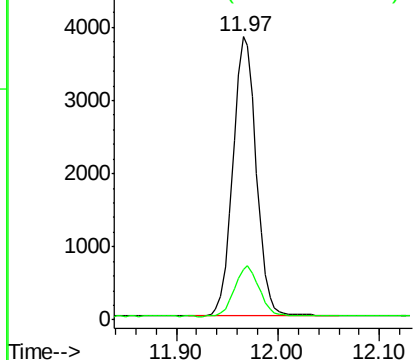
#11
 2-Methylnaphthalene-d10
 Concen: 0.245 ng
 RT: 11.97 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BN010323.D
 Acq: 24 Mar 2020 12:25

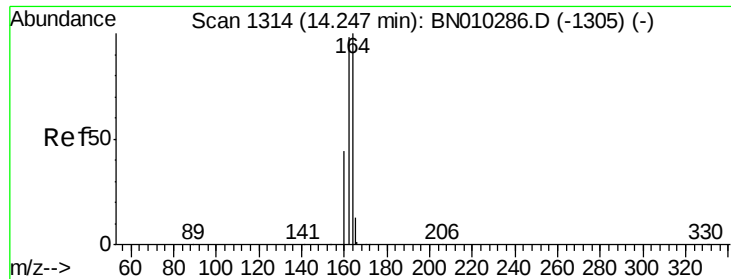
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2



Abundance Ion 152.00 (151.70 to 152.70): BN010323.D (-993) (-)

Ion 151.00 (150.70 to 151.70): BN010323.D (-993) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010323.D

Acq: 24 Mar 2020 12:25

Instrument :

BNA_N

ClientSampleId :

PB127724BL

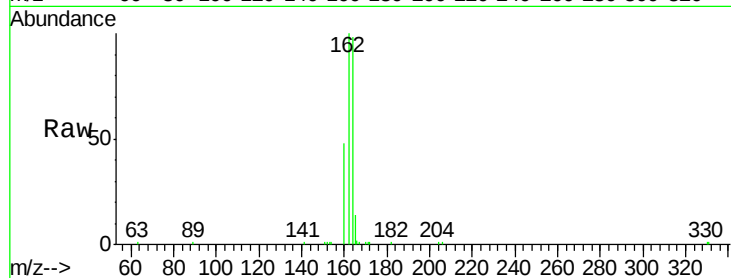
Tot Ion:164 Resp: 8301

Ion Ratio Lower Upper

164 100

162 102.1 78.2 117.2

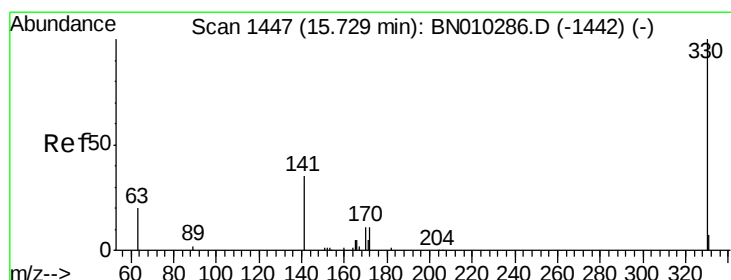
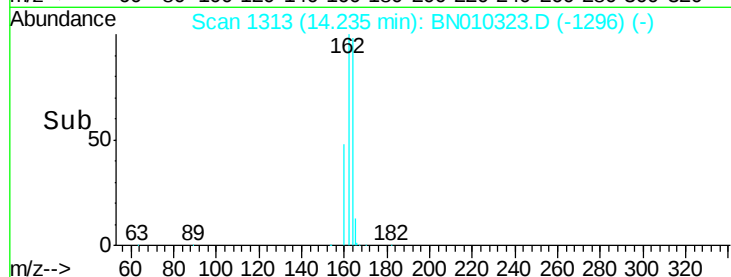
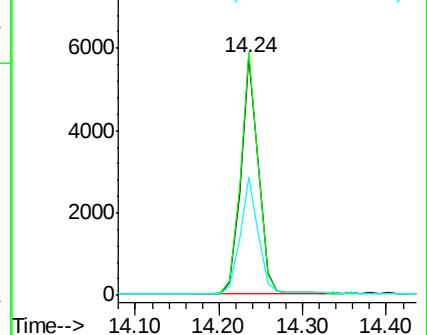
160 49.5 35.8 53.6



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: 0.228 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010323.D

Acq: 24 Mar 2020 12:25

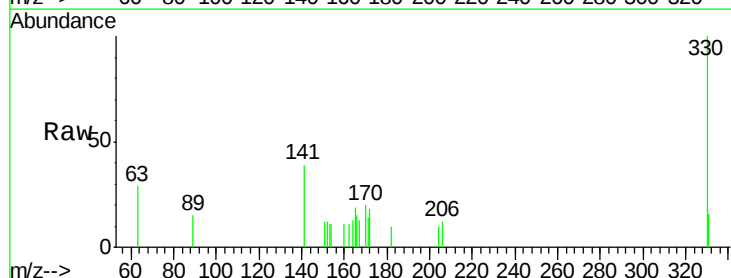
Tgt Ion:330 Resp: 726

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

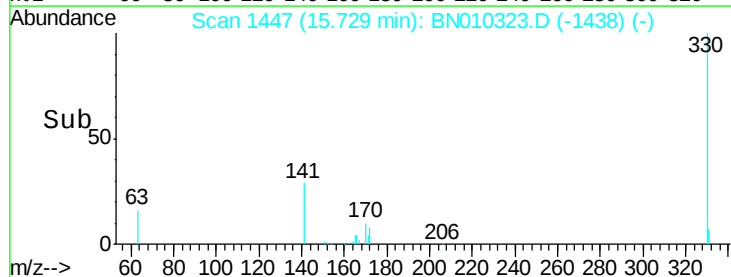
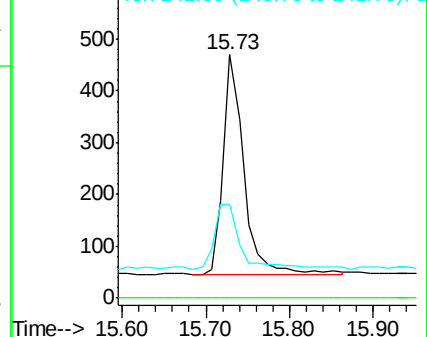
141 39.0 29.3 43.9

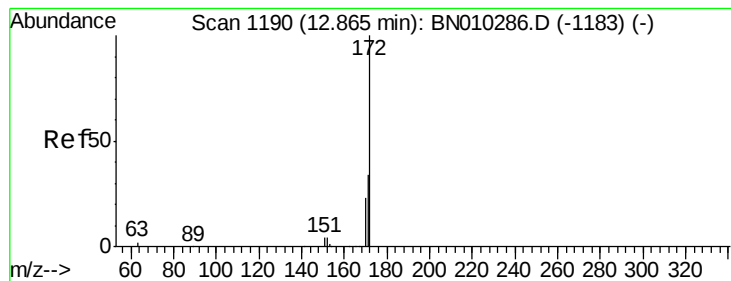


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.541 ng

RT: 12.85 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BN010323.D

Acq: 24 Mar 2020 12:25

Instrument :

BNA_N

ClientSampleId :

PB127724BL

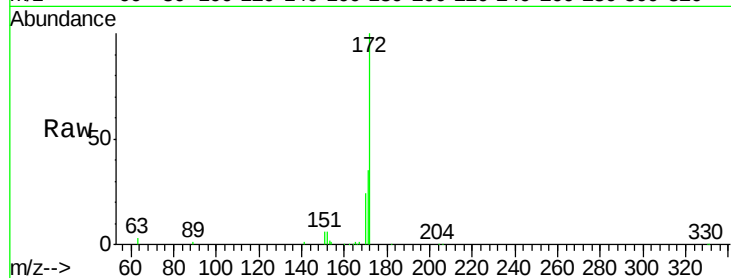
Tot Ion:172 Resp: 17194

Ion Ratio Lower Upper

172 100

171 35.3 27.6 41.4

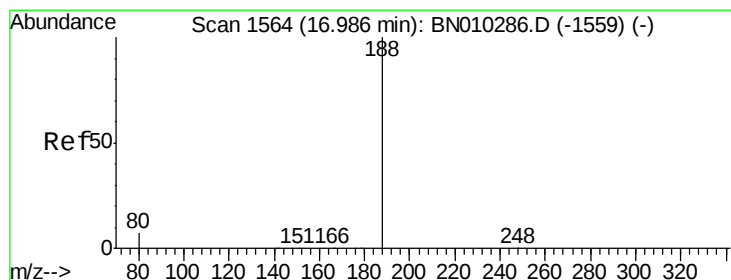
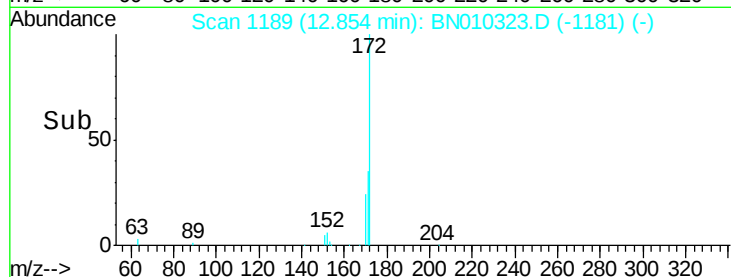
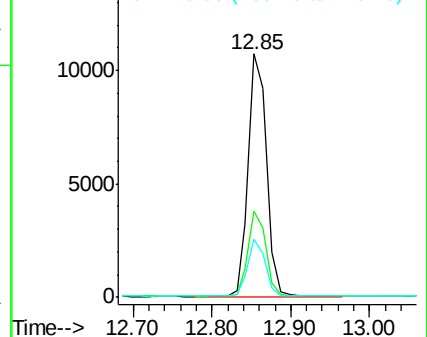
170 24.0 18.5 27.7



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: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010323.D

Acq: 24 Mar 2020 12:25

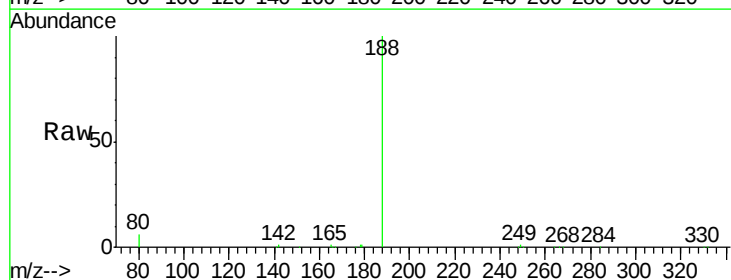
Tgt Ion:188 Resp: 18946

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

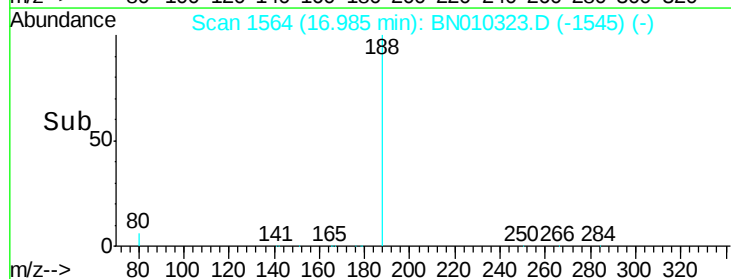
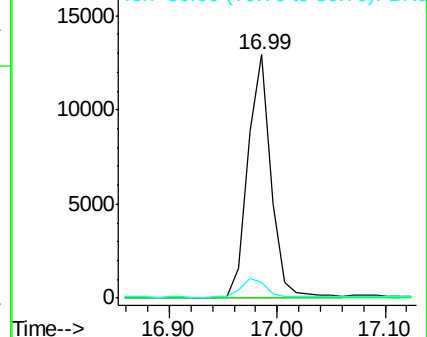
80 6.3 6.0 9.0

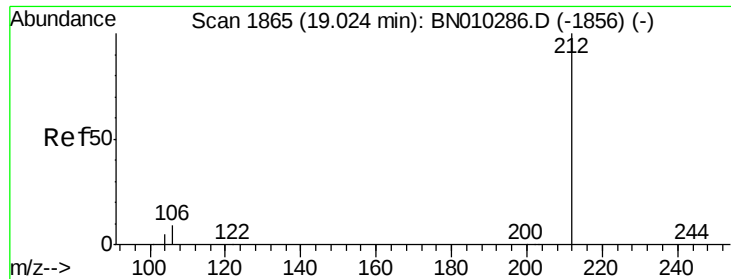


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.244 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010323.D

Acq: 24 Mar 2020 12:25

Instrument :

BNA_N

ClientSampleId :

PB127724BL

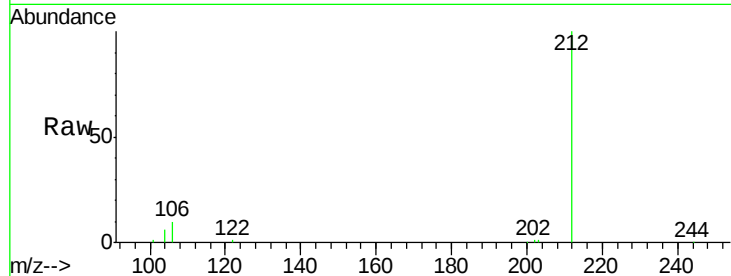
Tot Ion:212 Resp: 13948

Ion Ratio Lower Upper

212 100

106 9.5 7.4 11.2

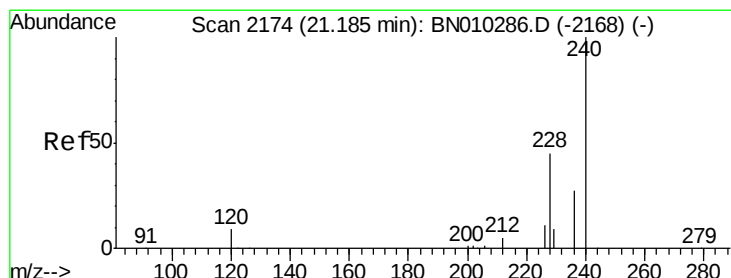
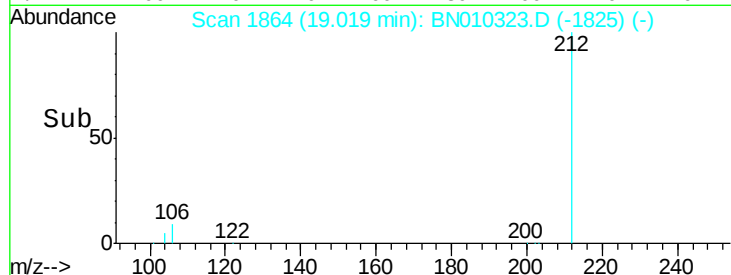
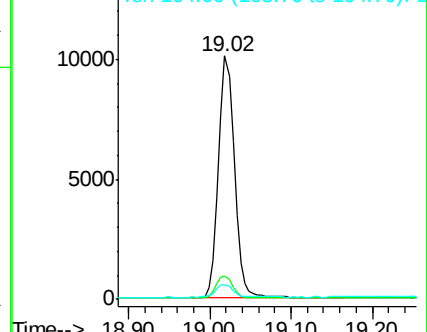
104 5.4 4.2 6.4



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: BN010323.D

Acq: 24 Mar 2020 12:25

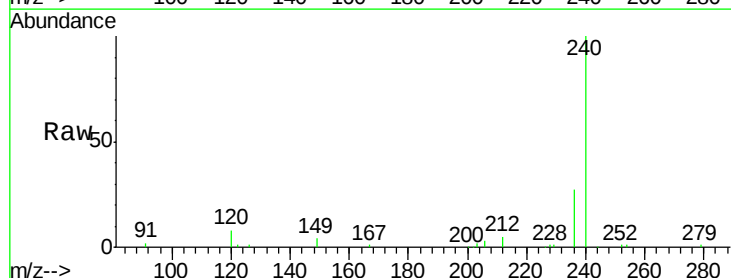
Tgt Ion:240 Resp: 18204

Ion Ratio Lower Upper

240 100

120 8.5 7.9 11.9

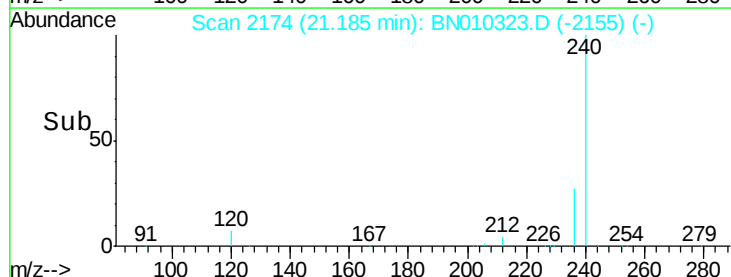
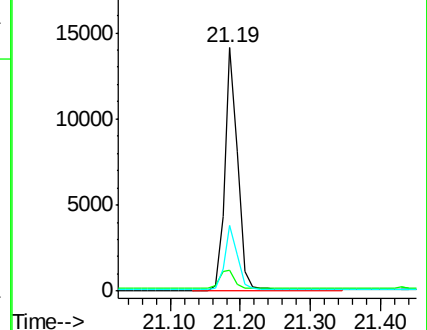
236 27.1 22.2 33.4

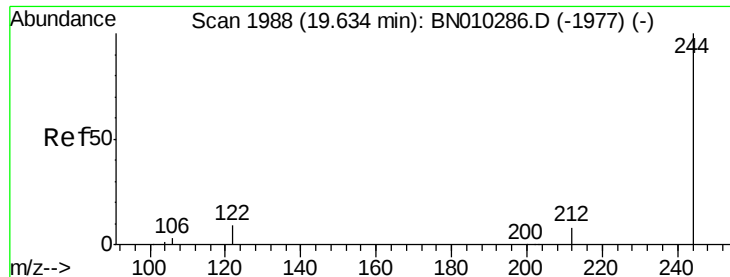


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN010323.D

Acq: 24 Mar 2020 12:25

Instrument :

BNA_N

ClientSampleId :

PB127724BL

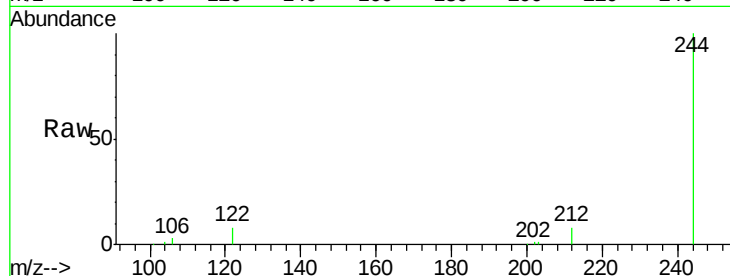
Tot Ion:244 Resp: 17768

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

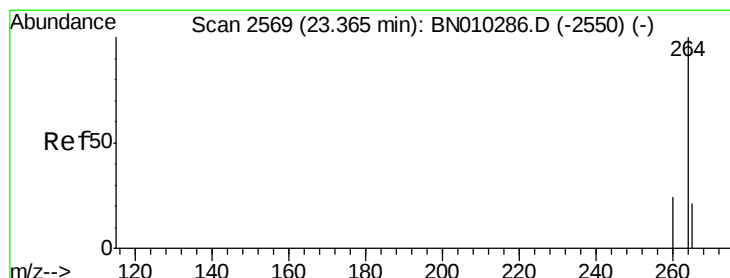
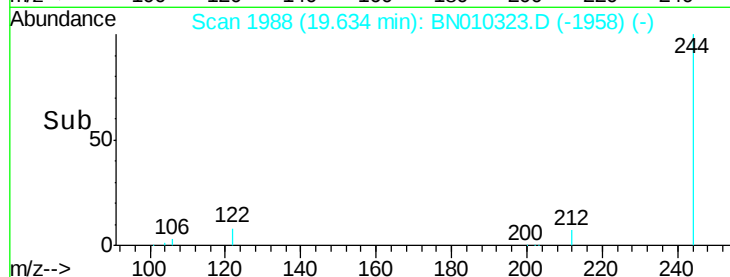
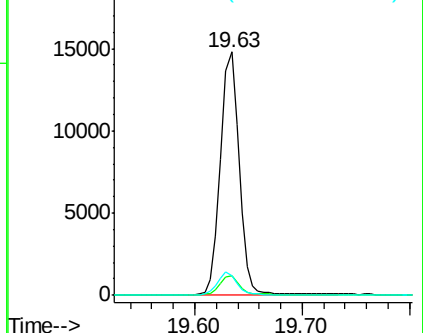
122 8.2 7.6 11.4



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: BN010323.D

Acq: 24 Mar 2020 12:25

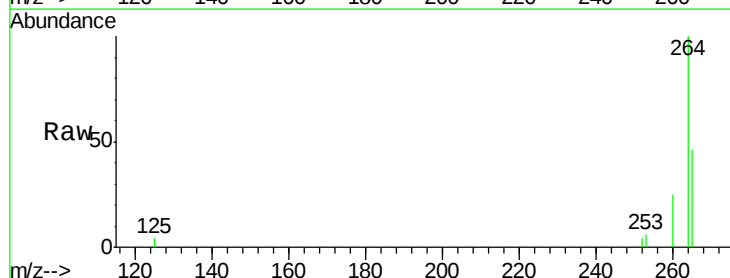
Tgt Ion:264 Resp: 18146

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 46.5 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

