

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010324.D
 Acq On : 24 Mar 2020 13:51
 Operator : CG/JU
 Sample : PB127689BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127689BL

Quant Time: Mar 24 14:41:48 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	4727	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15505	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8151	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	19508	0.40	ng	0.00
27) Chrysene-d12	21.19	240	18083	0.40	ng	0.00
34) Perylene-d12	23.36	264	17706	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	2735	0.29	ng	0.00
5) Phenol-d6	6.80	99	3302	0.28	ng	0.00
8) Nitrobenzene-d5	8.75	82	4726	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	6053	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	745	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	17183	0.55	ng	0.00
25) Fluoranthene-d10	19.02	212	14139	0.24	ng	0.00
29) Terphenyl-d14	19.63	244	18094	0.46	ng	0.00

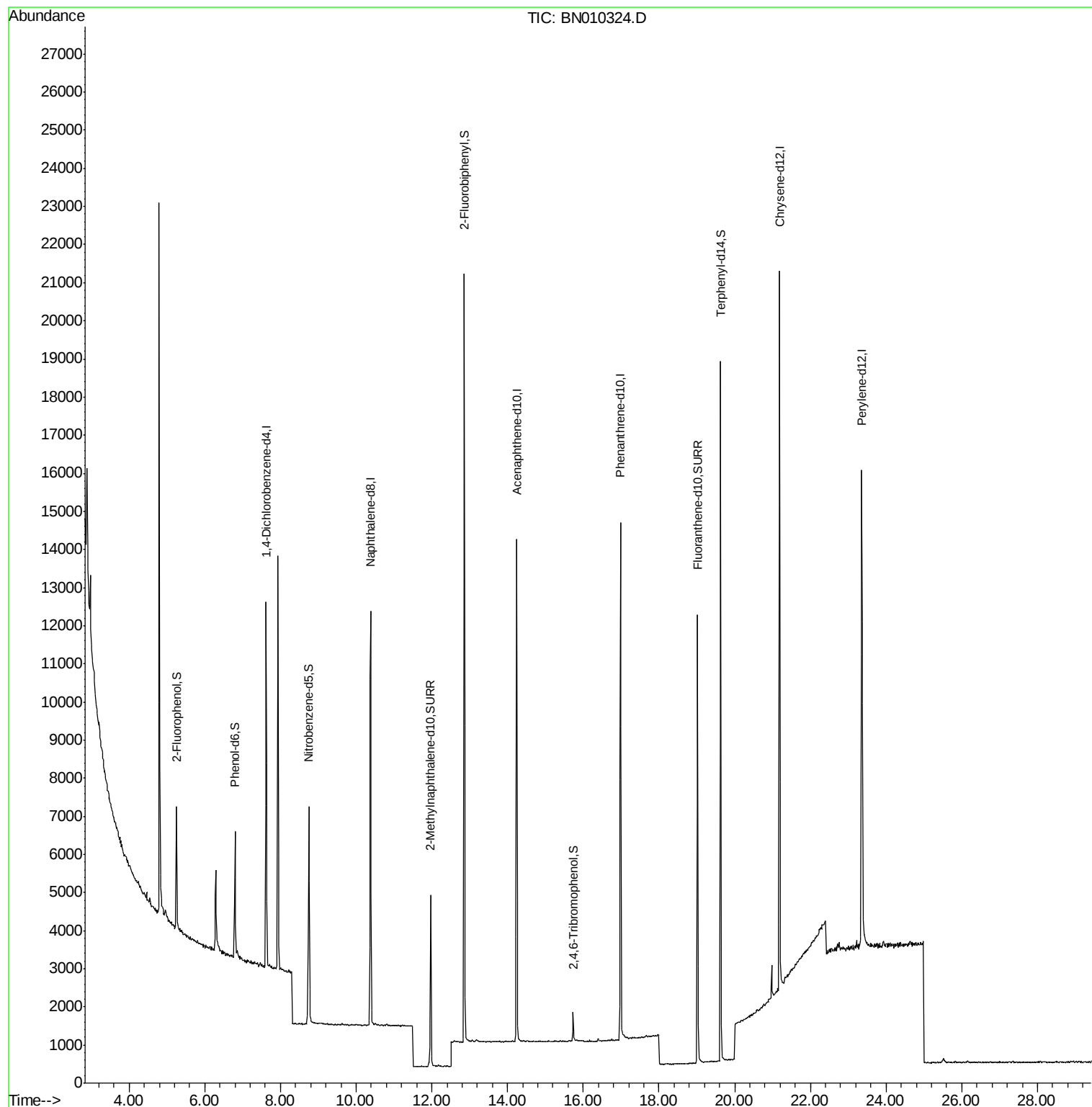
Target Compounds	Qvalue
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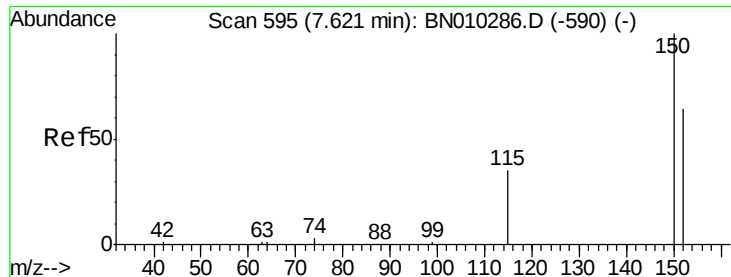
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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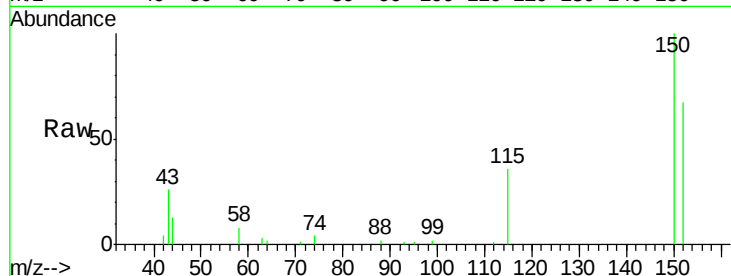


#1

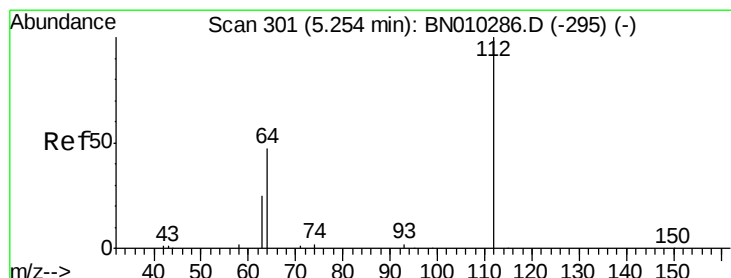
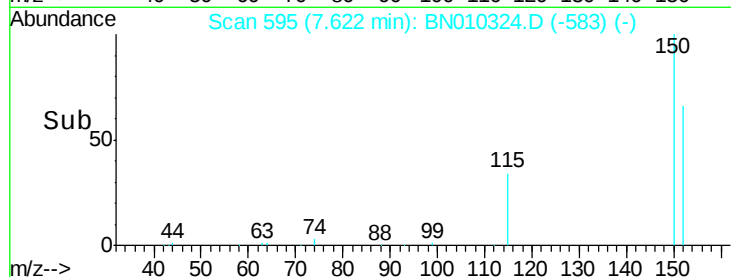
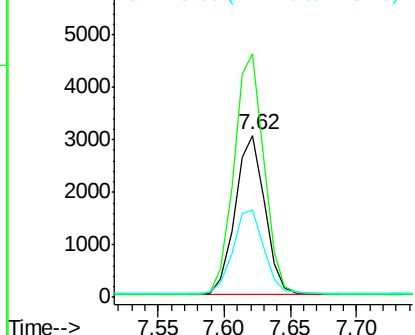
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:51

Instrument :
BNA_N
ClientSampleId :
PB127689BL

Tot Ion:152 Resp: 4727
Ion Ratio Lower Upper
152 100
150 150.1 123.1 184.7
115 53.6 45.2 67.8



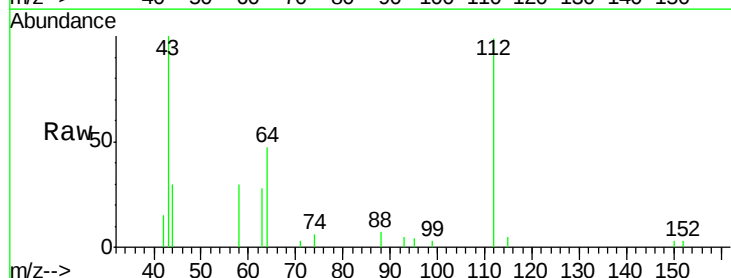
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



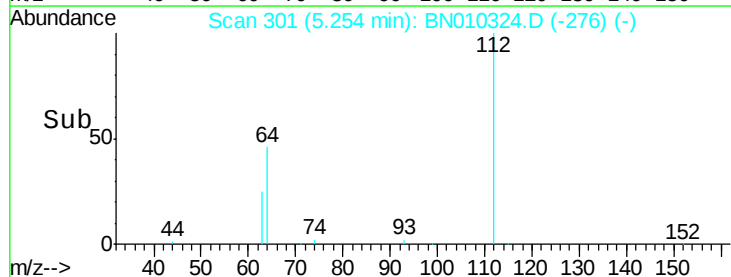
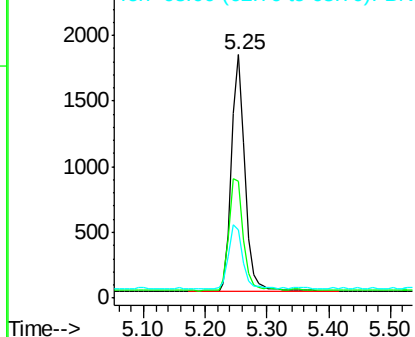
#4

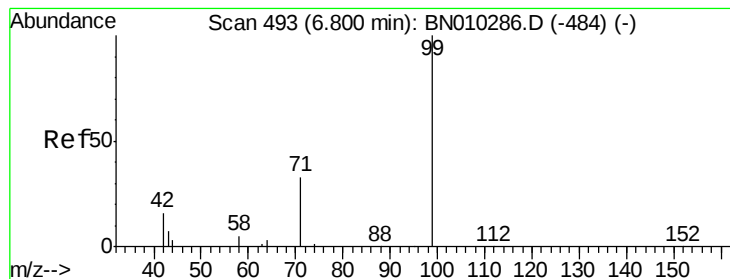
2-Fluorophenol
Concen: 0.292 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:51

Tgt Ion:112 Resp: 2735
Ion Ratio Lower Upper
112 100
64 50.4 41.4 62.2
63 28.0 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: 0.284 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

Instrument :

BNA_N

ClientSampleId :

PB127689BL

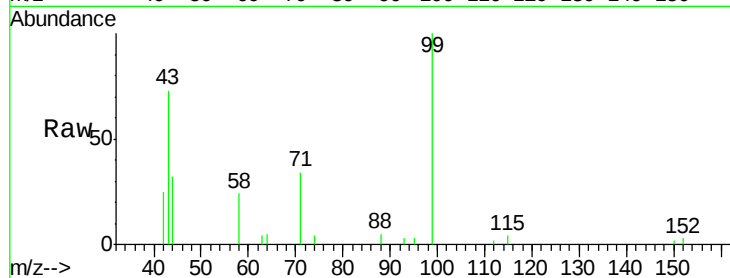
Tot Ion: 99 Resp: 3302

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

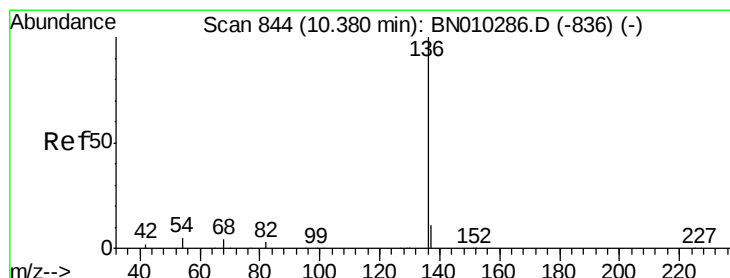
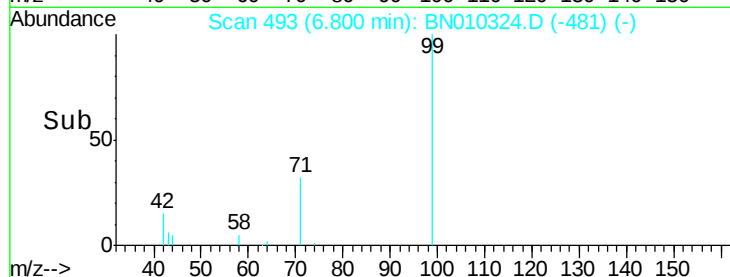
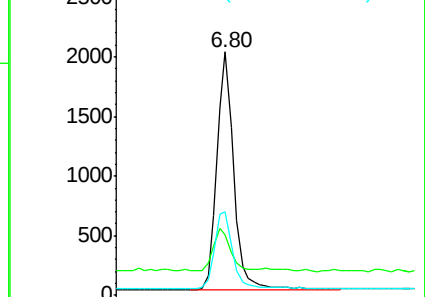
71 34.2 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010324.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010324.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010324.D (-484) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

Tgt Ion: 136 Resp: 15505

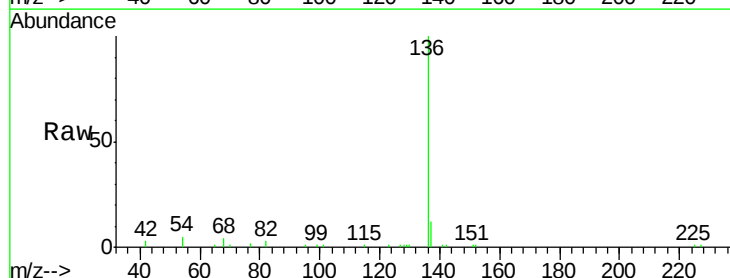
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 4.7 4.8 7.2#

68 4.1 4.1 6.1

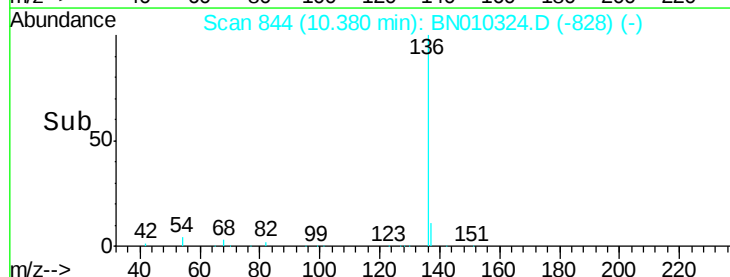
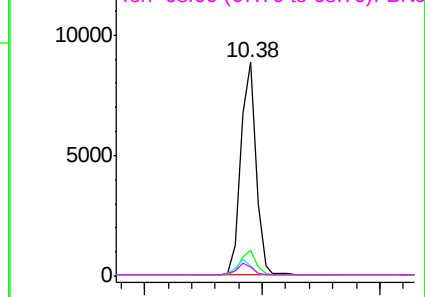


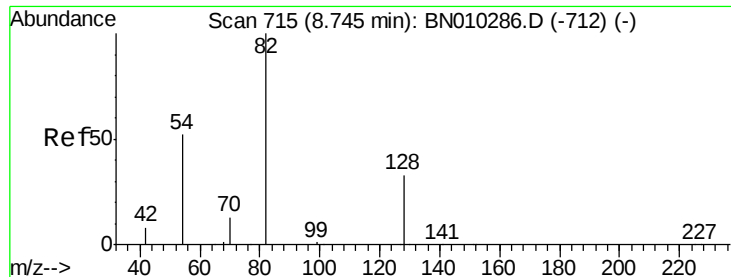
Abundance Ion 136.00 (135.70 to 136.70): BN010324.D (-828) (-)

Ion 137.00 (136.70 to 137.70): BN010324.D (-828) (-)

Ion 54.00 (53.70 to 54.70): BN010324.D (-828) (-)

Ion 68.00 (67.70 to 68.70): BN010324.D (-828) (-)





#8

Nitrobenzene-d5

Concen: 0.476 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

Instrument :

BNA_N

ClientSampleId :

PB127689BL

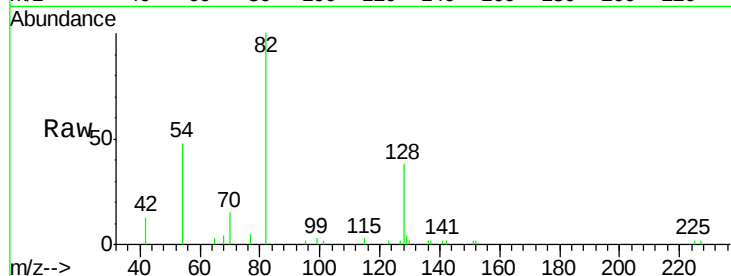
Tot Ion: 82 Resp: 4726

Ion Ratio Lower Upper

82 100

128 38.3 28.8 43.2

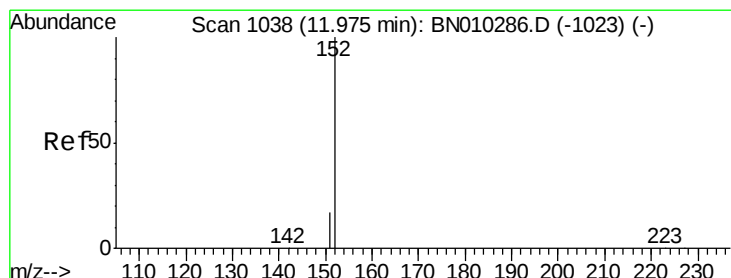
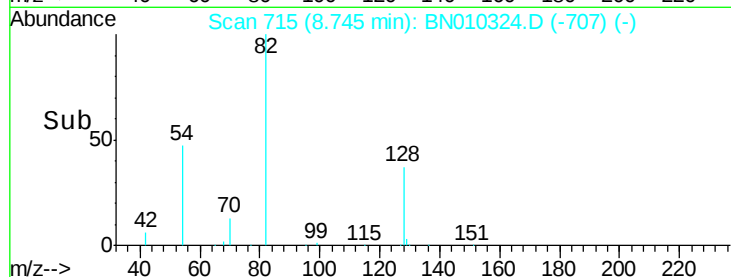
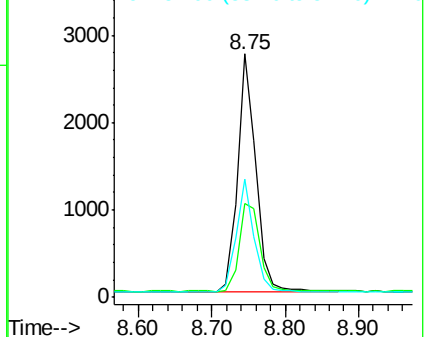
54 48.3 42.1 63.1



Abundance Ion 82.00 (81.70 to 82.70): BN010324.D (-993) (-)

Ion 128.00 (127.70 to 128.70): BN010324.D (-993) (-)

Ion 54.00 (53.70 to 54.70): BN010324.D (-993) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.245 ng

RT: 11.97 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN010324.D

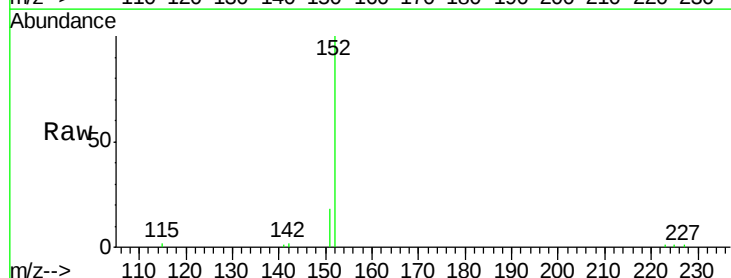
Acq: 24 Mar 2020 13:51

Tgt Ion: 152 Resp: 6053

Ion Ratio Lower Upper

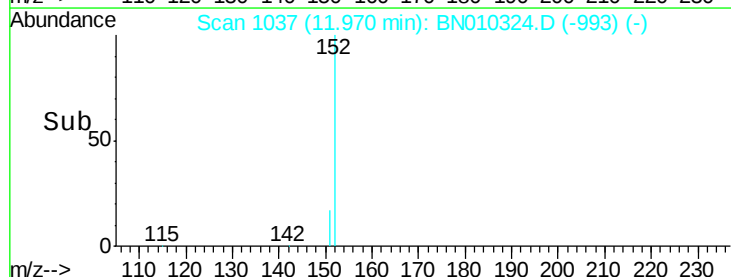
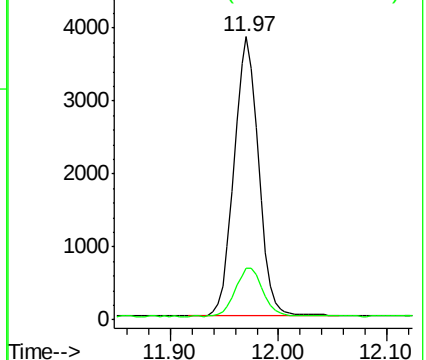
152 100

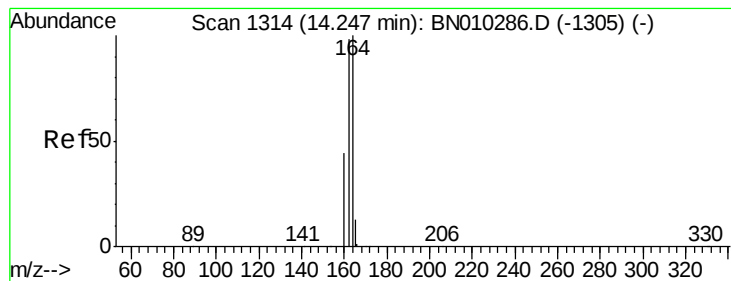
151 19.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN010324.D (-993) (-)

Ion 151.00 (150.70 to 151.70): BN010324.D (-993) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

Instrument :

BNA_N

ClientSampleId :

PB127689BL

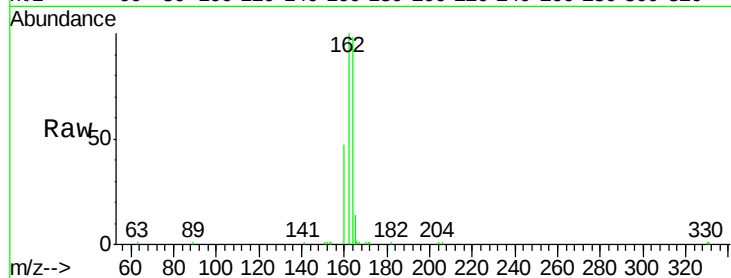
Tot Ion:164 Resp: 8151

Ion Ratio Lower Upper

164 100

162 101.6 78.2 117.2

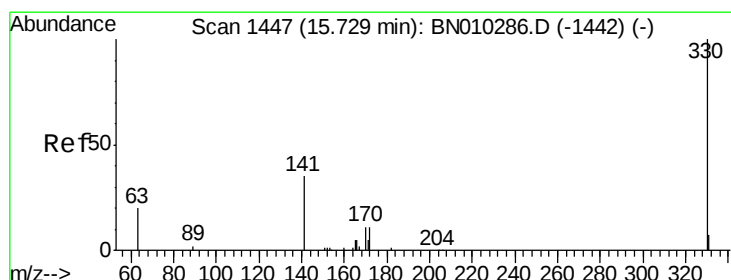
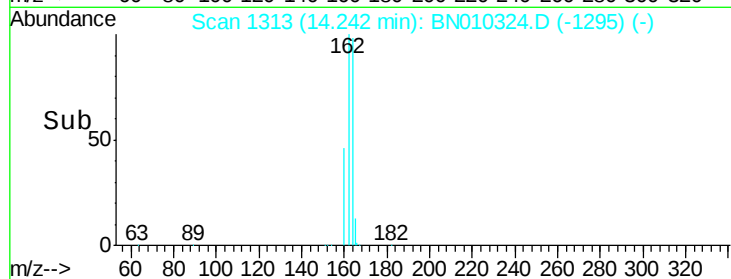
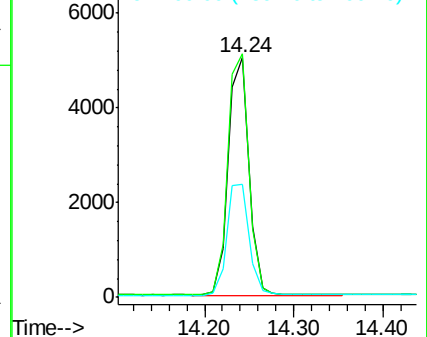
160 47.2 35.8 53.6



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: 0.238 ng

RT: 15.74 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

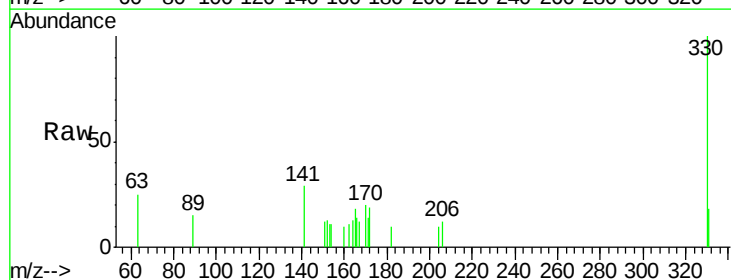
Tgt Ion:330 Resp: 745

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

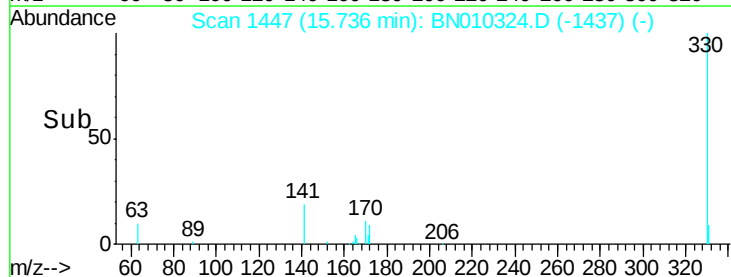
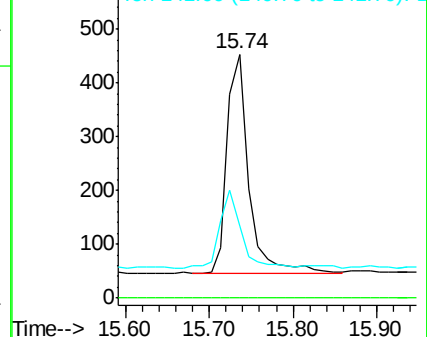
141 34.9 29.3 43.9

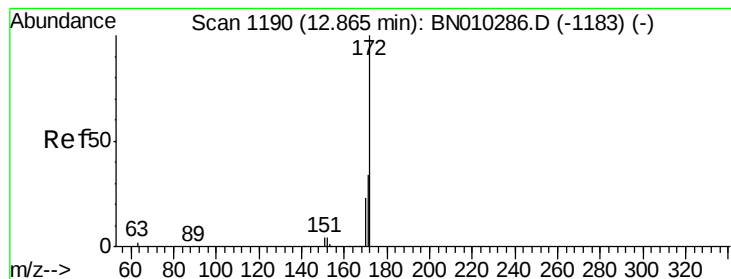


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.551 ng

RT: 12.86 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

Instrument :

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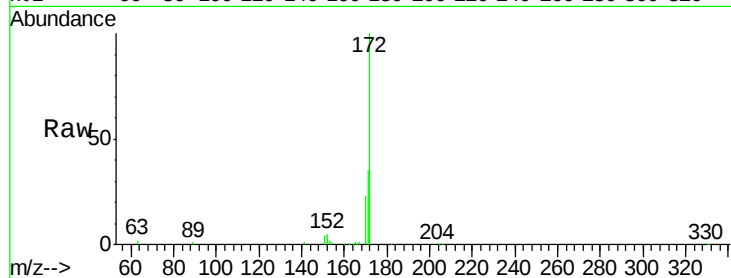
Tot Ion:172 Resp: 17183

Ion Ratio Lower Upper

172 100

171 34.8 27.6 41.4

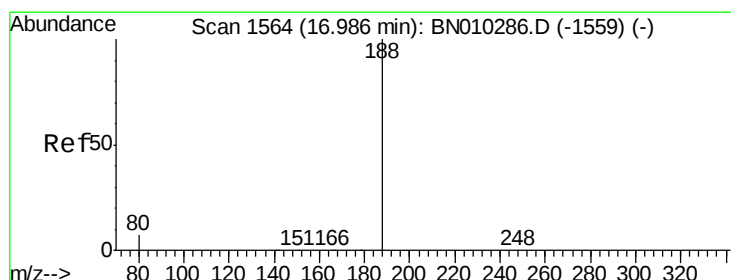
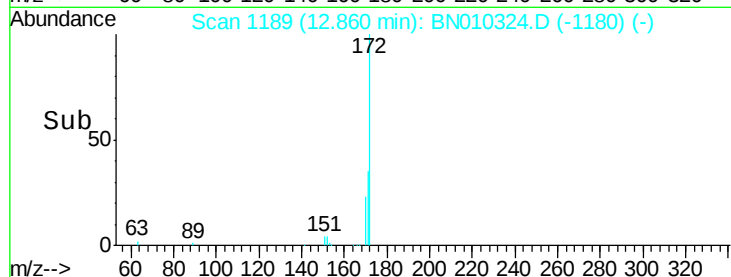
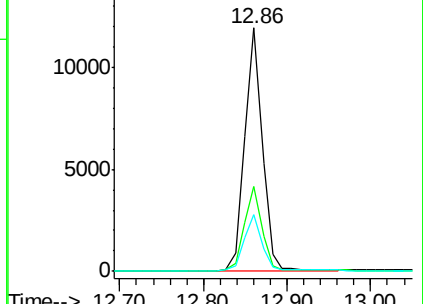
170 23.1 18.5 27.7



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: 16.98 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

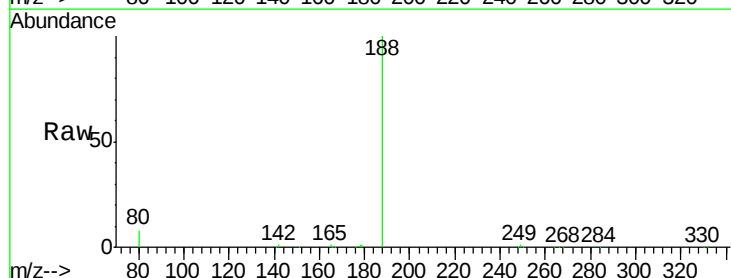
Tgt Ion:188 Resp: 19508

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

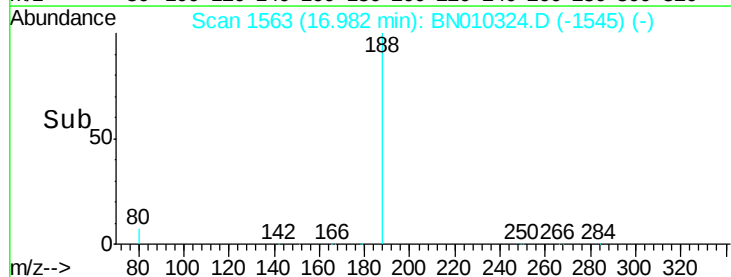
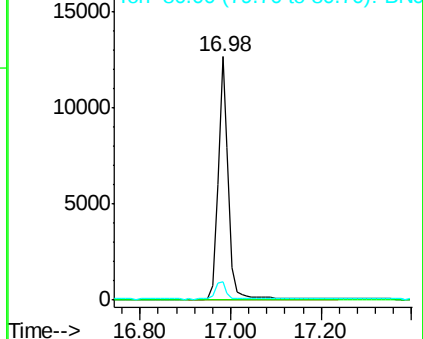
80 7.6 6.0 9.0

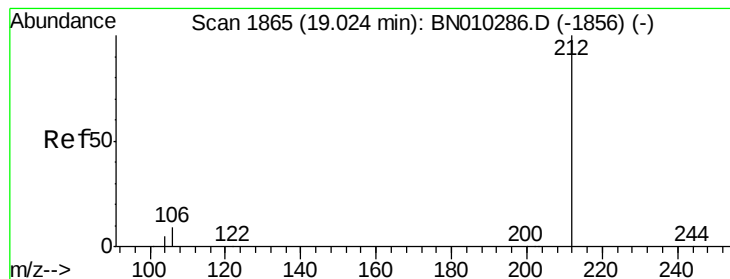


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.240 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

Instrument :

BNA_N

ClientSampleId :

PB127689BL

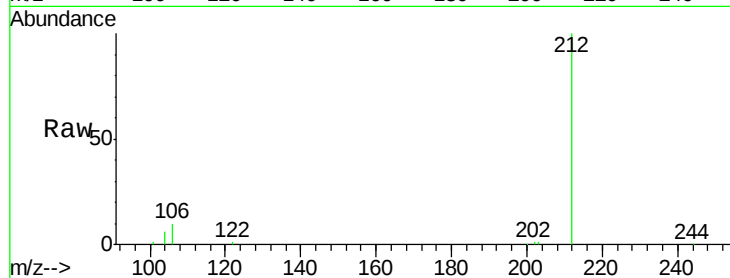
Tot Ion:212 Resp: 14139

Ion Ratio Lower Upper

212 100

106 9.4 7.4 11.2

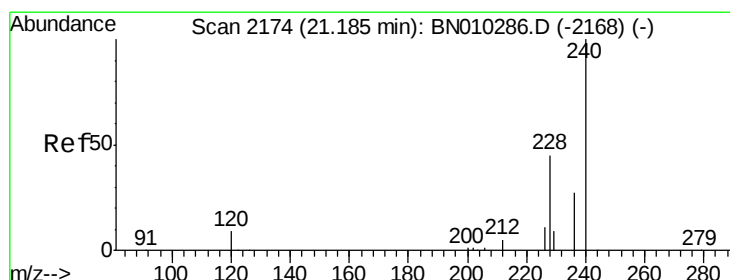
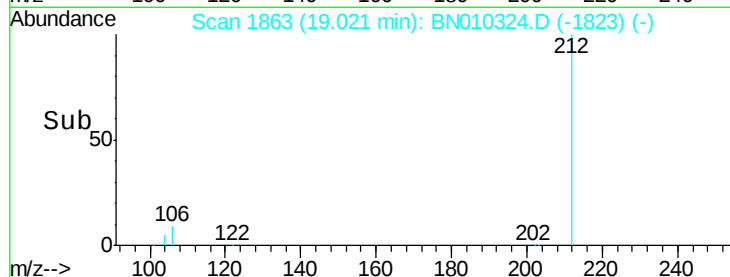
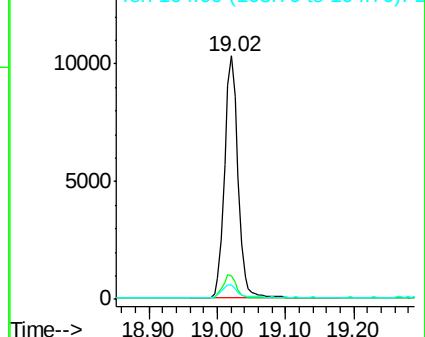
104 5.4 4.2 6.4



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# 2173

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

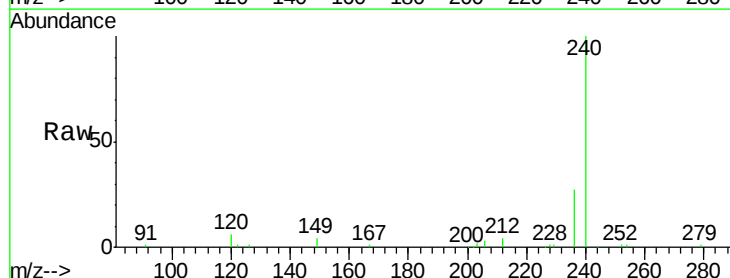
Tgt Ion:240 Resp: 18083

Ion Ratio Lower Upper

240 100

120 5.8 7.9 11.9#

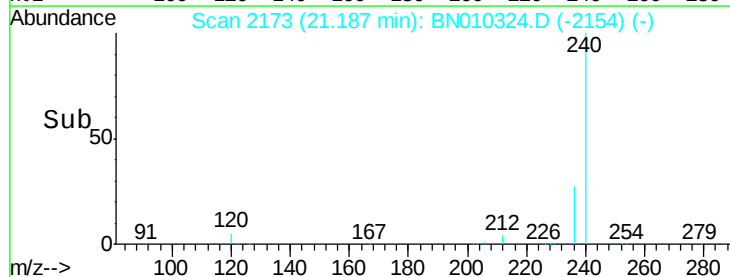
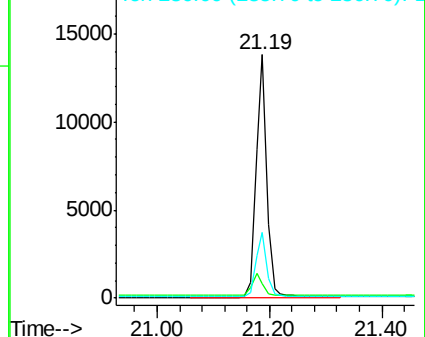
236 27.0 22.2 33.4

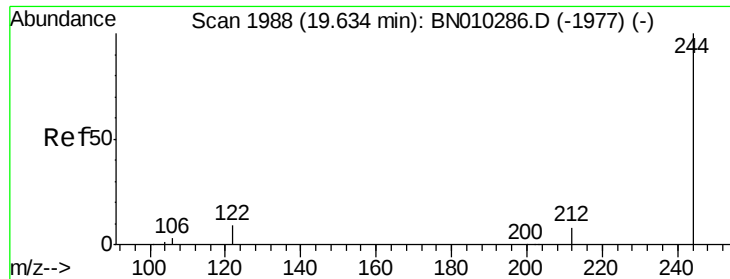


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.463 ng

RT: 19.63 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

Instrument :

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ClientSampleId :

PB127689BL

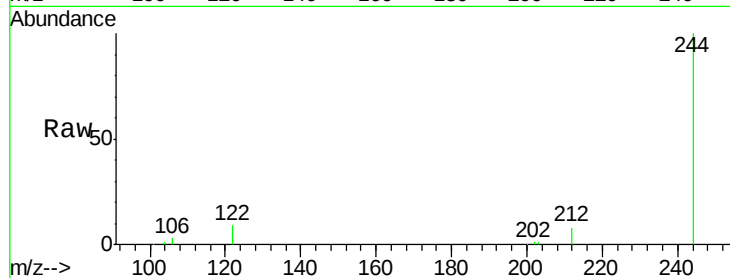
Tot Ion:244 Resp: 18094

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

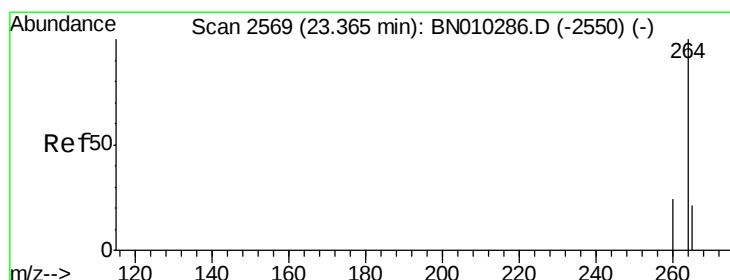
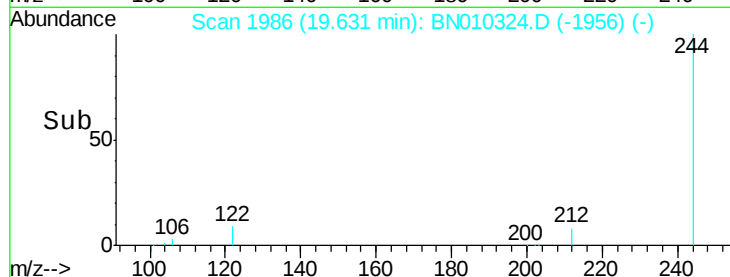
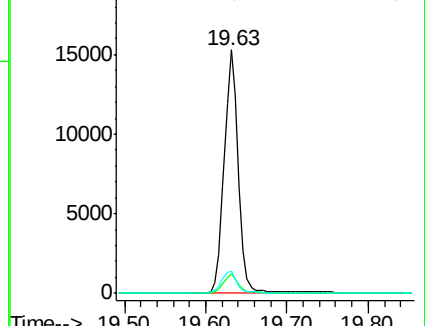
122 8.9 7.6 11.4



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# 2566

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:51

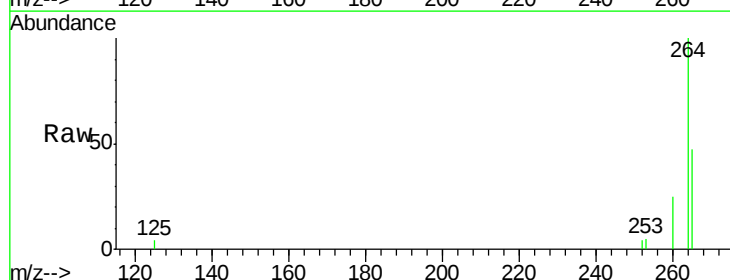
Tgt Ion:264 Resp: 17706

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 47.3 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

