

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
 Data File : BN010350.D
 Acq On : 27 Mar 2020 14:09
 Operator : CG/JU
 Sample : PB127802BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127802BL

Quant Time: Mar 27 14:41:59 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	5644	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	19082	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	9788	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	22655	0.40	ng	0.00
27) Chrysene-d12	21.19	240	20505	0.40	ng	0.00
34) Perylene-d12	23.35	264	22095	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	4151	0.37	ng	0.00
5) Phenol-d6	6.79	99	4874	0.35	ng	0.00
8) Nitrobenzene-d5	8.74	82	7256	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8421	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1079	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	23636	0.63	ng	-0.01
25) Fluoranthene-d10	19.02	212	18052	0.26	ng	0.00
29) Terphenyl-d14	19.63	244	22937	0.52	ng	0.00

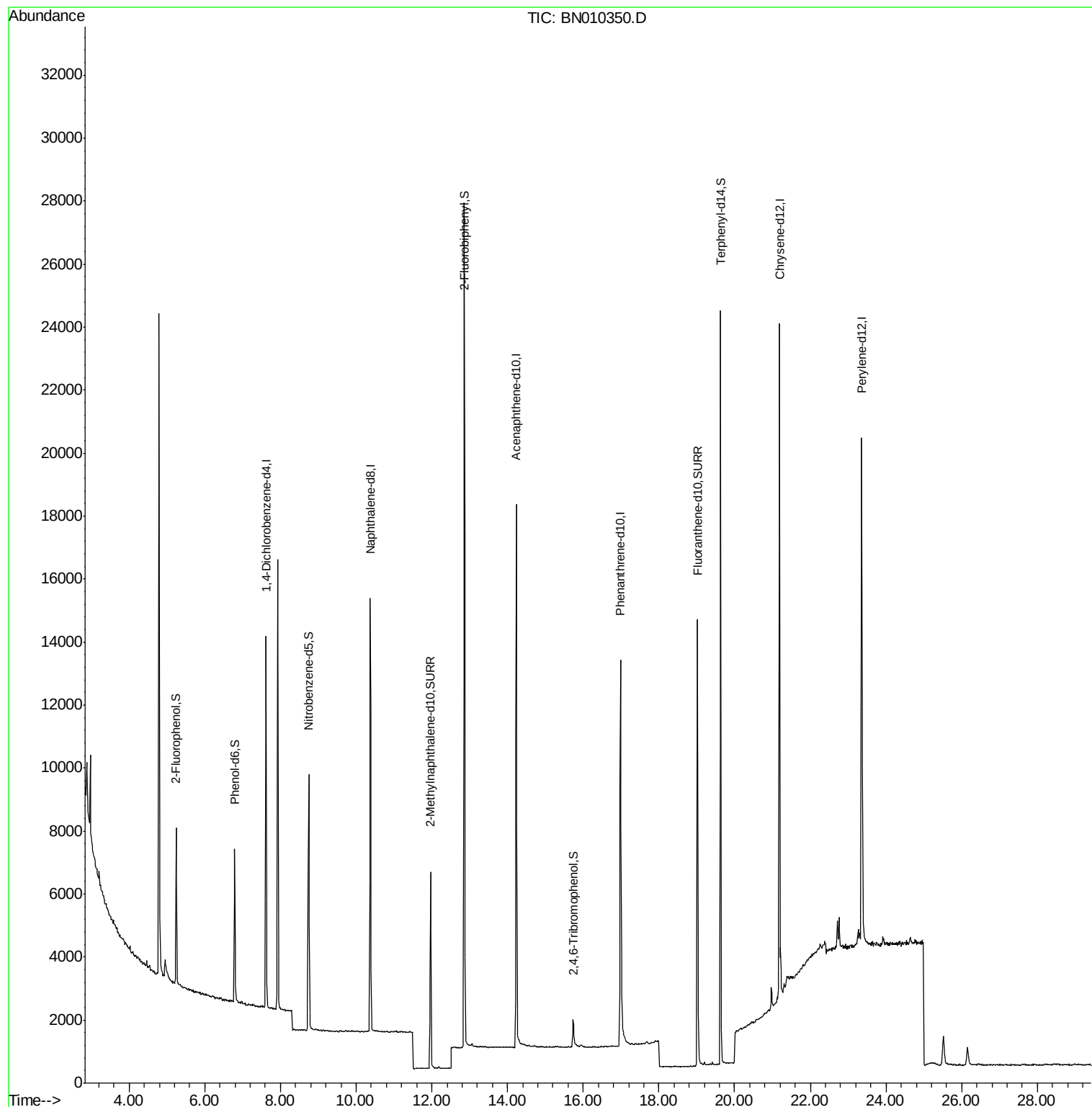
Target Compounds	Qvalue
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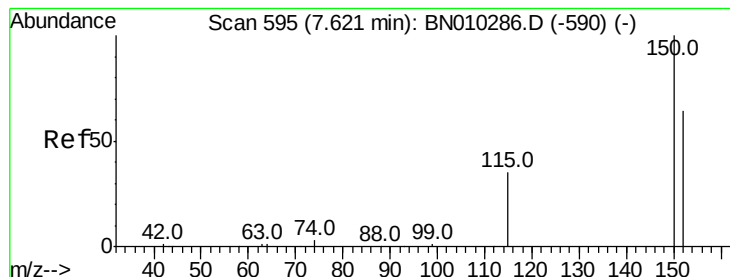
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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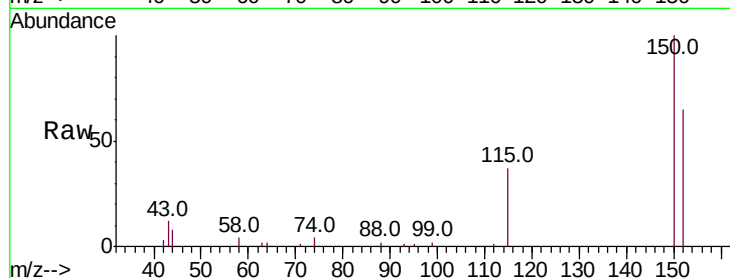


#1

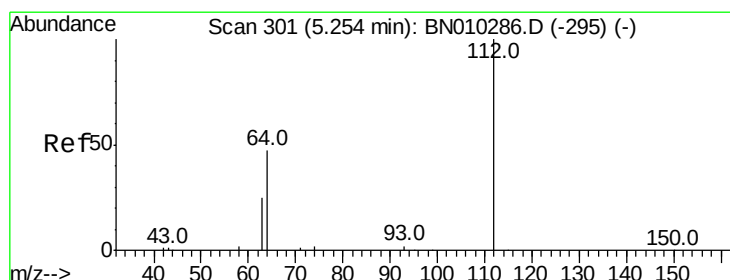
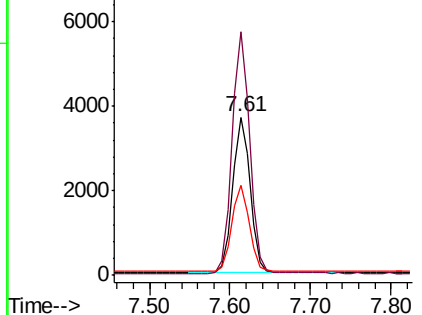
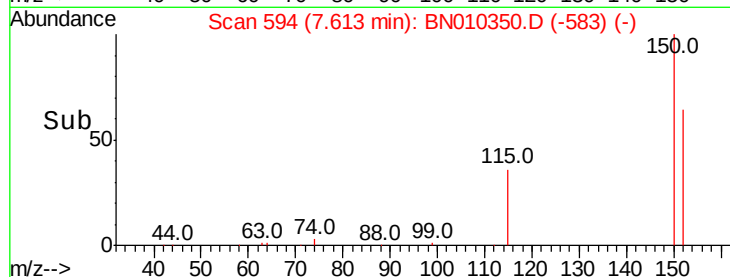
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.61 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BN010350.D
 Acq: 27 Mar 2020 14:09

Instrument :
 BNA_N
 ClientSampleId :
 PB127802BL

Tot Ion:152 Resp: 5644
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.1 184.7
 115 56.9 45.2 67.8



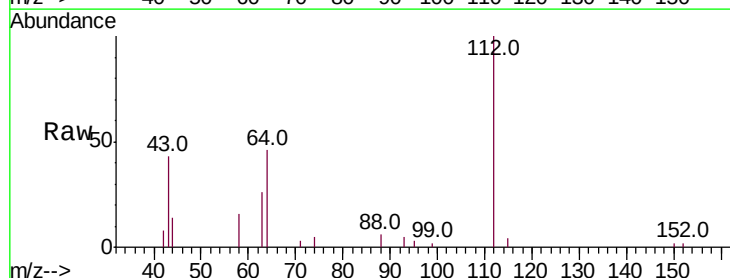
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



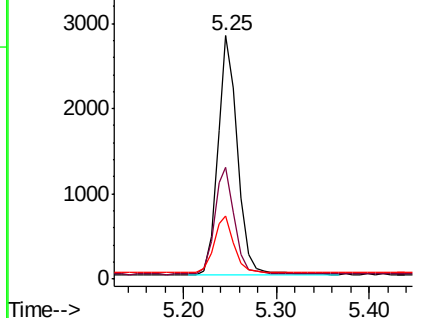
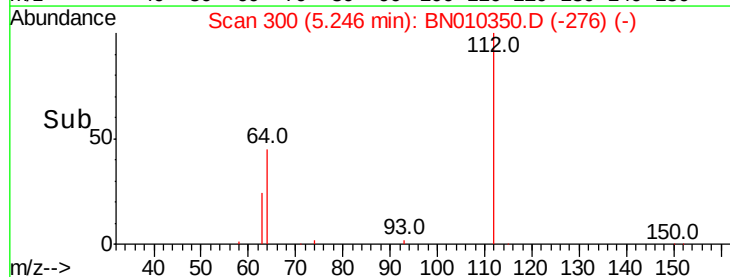
#4

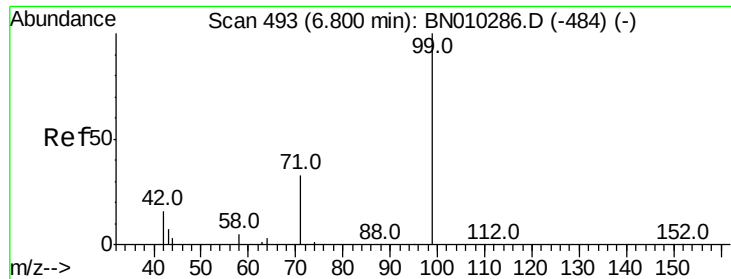
2-Fluorophenol
 Concen: 0.372 ng
 RT: 5.25 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BN010350.D
 Acq: 27 Mar 2020 14:09

Tgt Ion:112 Resp: 4151
 Ion Ratio Lower Upper
 112 100
 64 45.4 41.4 62.2
 63 23.8 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: 0.351 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010350.D

Acq: 27 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

PB127802BL

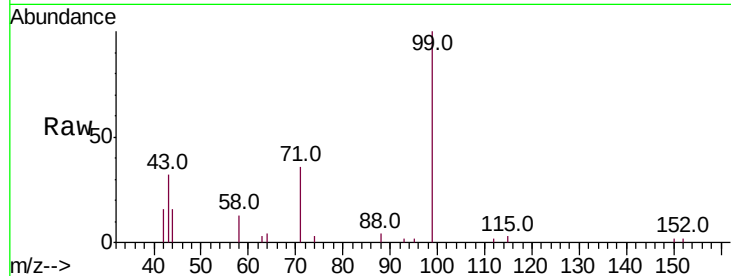
Tot Ion: 99 Resp: 4874

Ion Ratio Lower Upper

99 100

42 12.1 14.8 22.2#

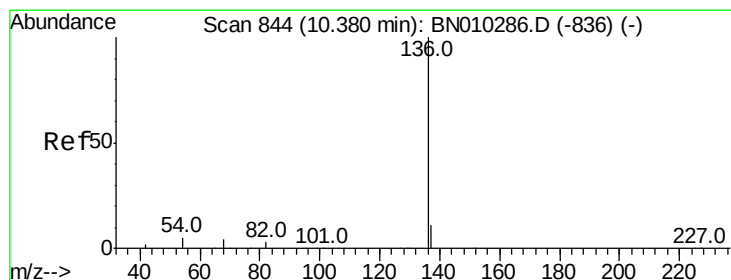
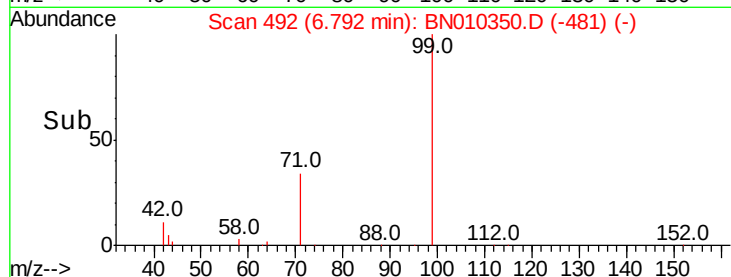
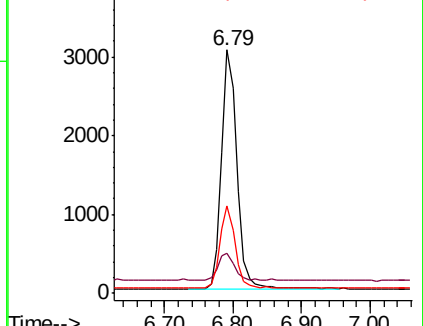
71 33.5 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010350.D (-481) (-)

Ion 42.00 (41.70 to 42.70): BN010350.D (-481) (-)

Ion 71.00 (70.70 to 71.70): BN010350.D (-481) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN010350.D

Acq: 27 Mar 2020 14:09

Tgt Ion: 136 Resp: 19082

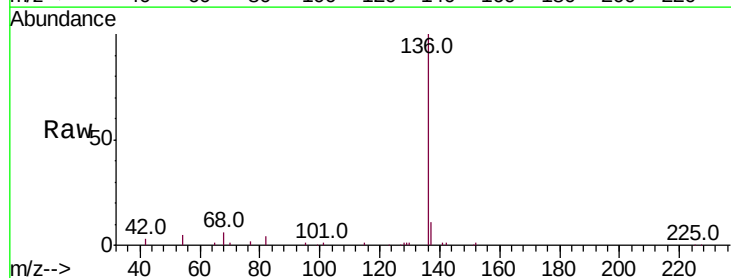
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 5.0 4.8 7.2

68 5.9 4.1 6.1

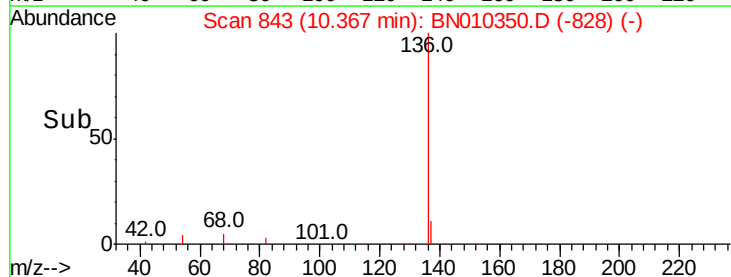
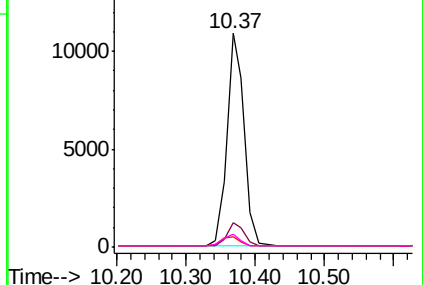


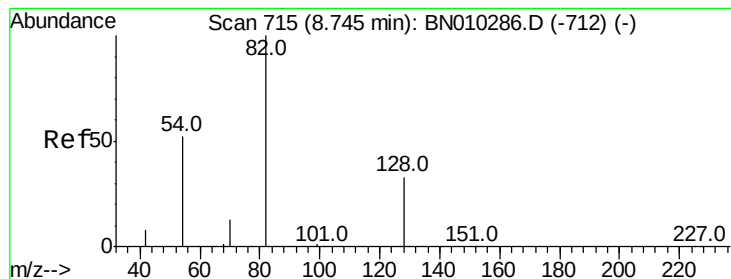
Abundance Ion 136.00 (135.70 to 136.70): BN010350.D (-828) (-)

Ion 137.00 (136.70 to 137.70): BN010350.D (-828) (-)

Ion 54.00 (53.70 to 54.70): BN010350.D (-828) (-)

Ion 68.00 (67.70 to 68.70): BN010350.D (-828) (-)





#8

Nitrobenzene-d5

Concen: 0.593 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010350.D

Acq: 27 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

PB127802BL

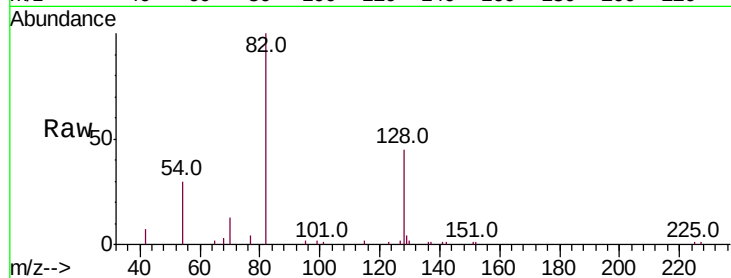
Tot Ion: 82 Resp: 7256

Ion Ratio Lower Upper

82 100

128 45.2 28.8 43.2#

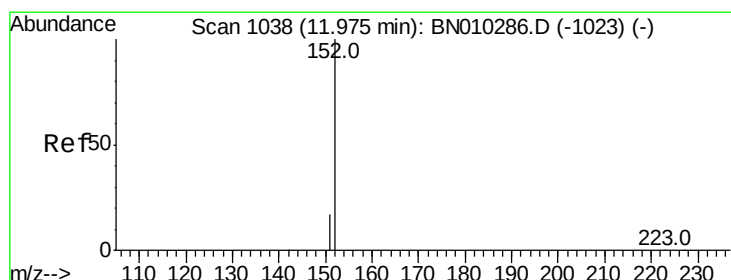
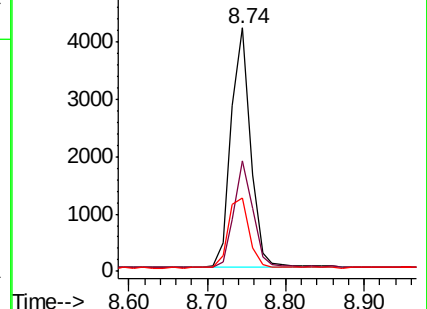
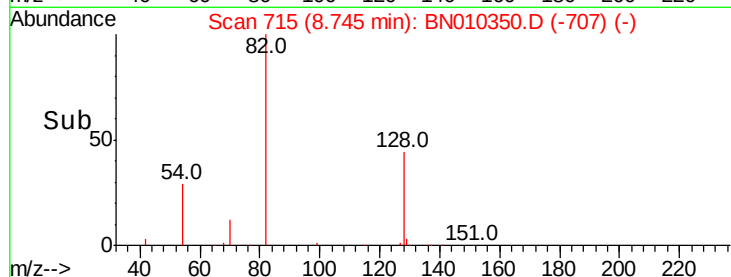
54 29.9 42.1 63.1#



Abundance Ion 82.00 (81.70 to 82.70): BN010350.D (-993) (-)

Ion 128.00 (127.70 to 128.70): BN010350.D (-993) (-)

Ion 54.00 (53.70 to 54.70): BN010350.D (-993) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.276 ng

RT: 11.97 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BN010350.D

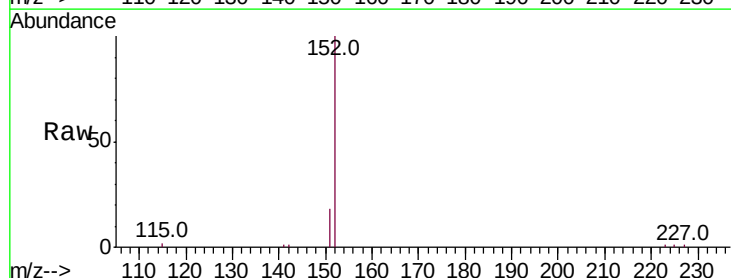
Acq: 27 Mar 2020 14:09

Tgt Ion: 152 Resp: 8421

Ion Ratio Lower Upper

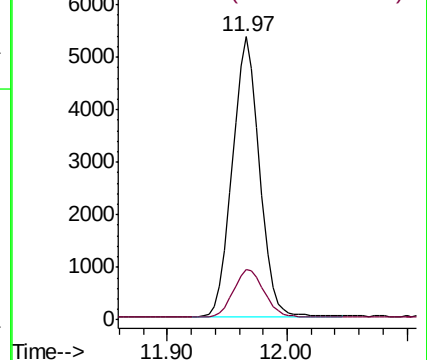
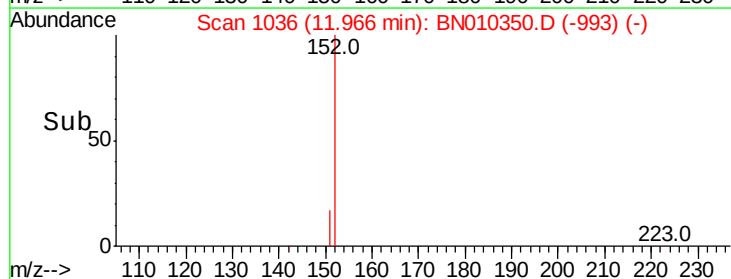
152 100

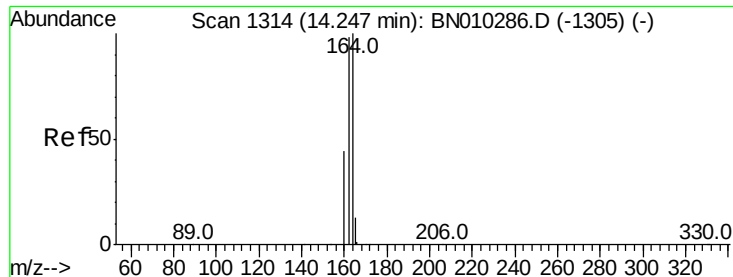
151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN010350.D (-993) (-)

Ion 151.00 (150.70 to 151.70): BN010350.D (-993) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010350.D

Acq: 27 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

PB127802BL

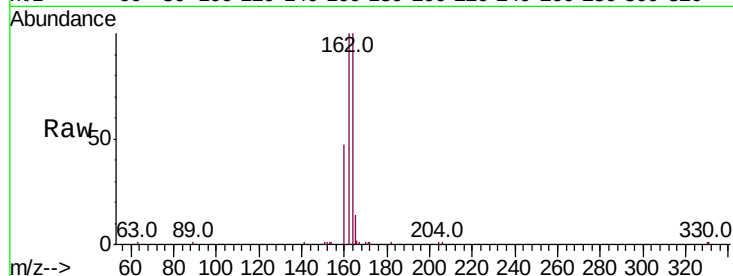
Tot Ion:164 Resp: 9788

Ion Ratio Lower Upper

164 100

162 100.1 78.2 117.2

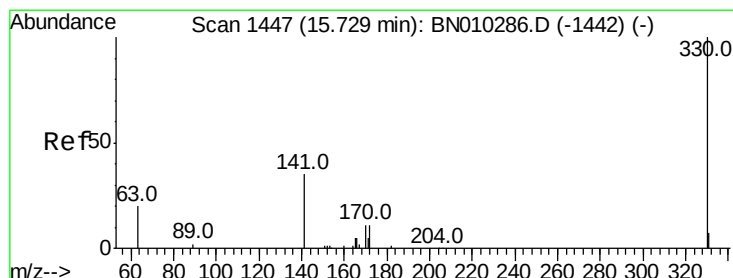
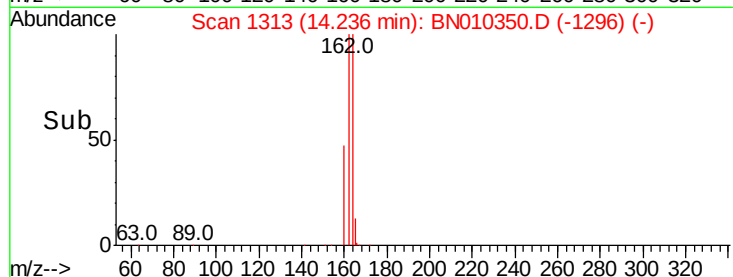
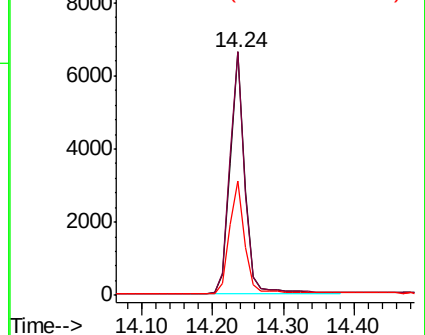
160 47.2 35.8 53.6



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: 0.287 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010350.D

Acq: 27 Mar 2020 14:09

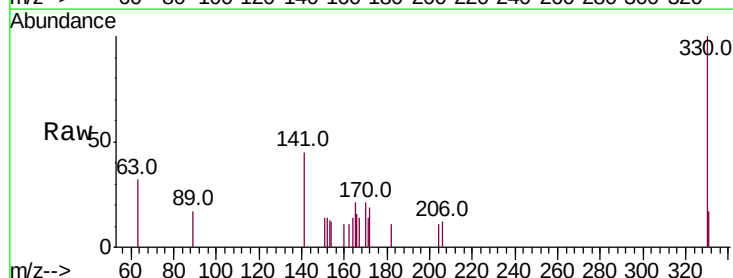
Tgt Ion:330 Resp: 1079

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

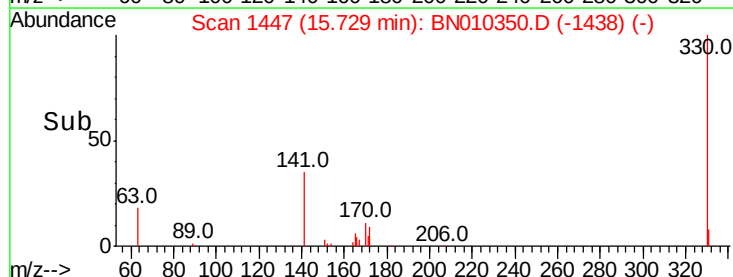
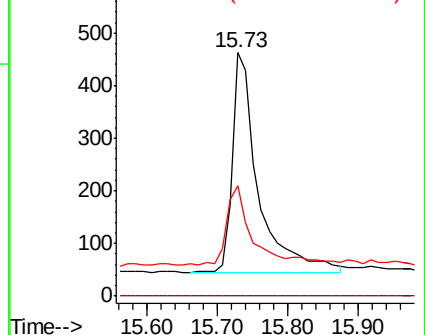
141 36.8 29.3 43.9

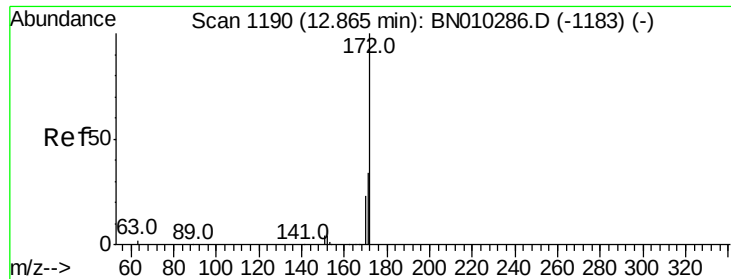


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

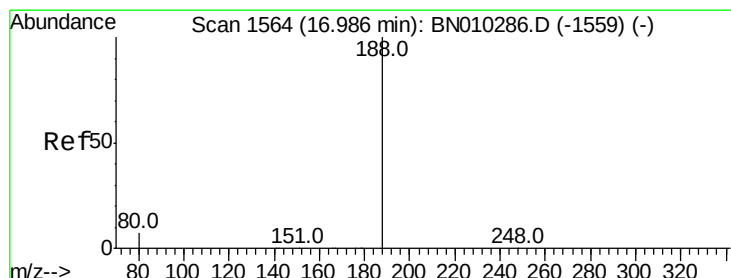
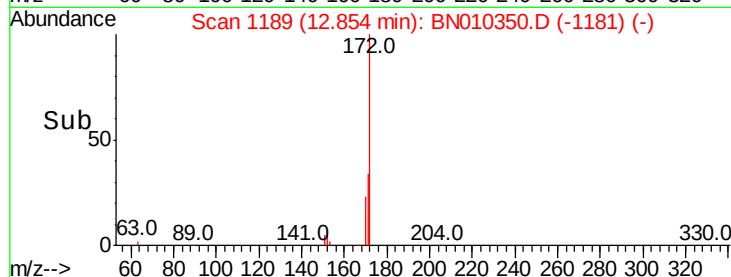
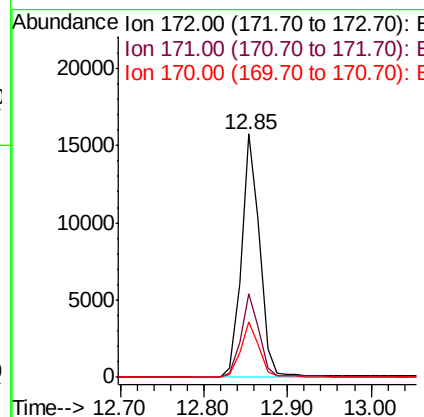
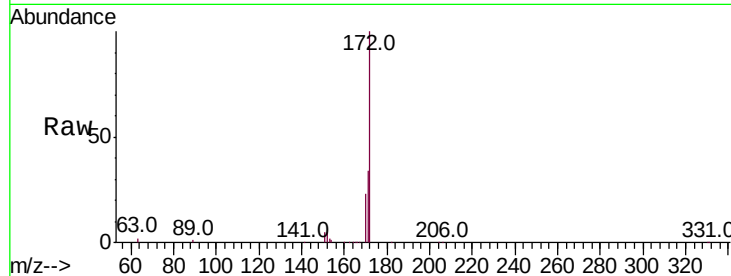




#15
2-Fluorobiphenyl
Concen: 0.631 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010350.D
Acq: 27 Mar 2020 14:09

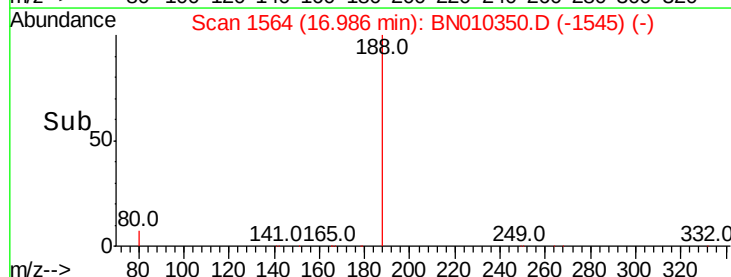
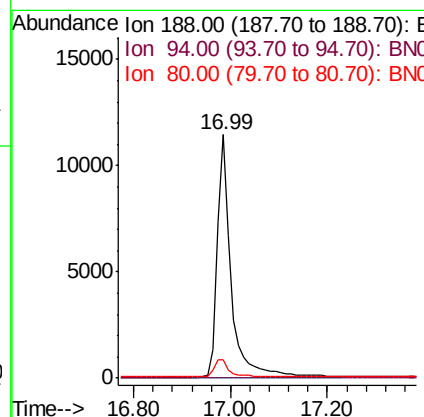
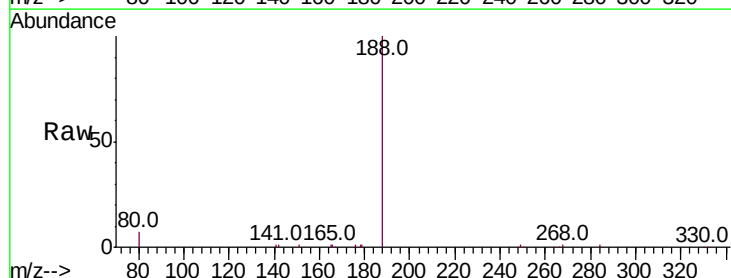
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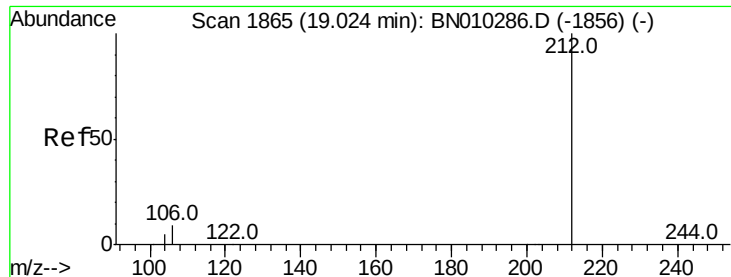
Tot Ion:172 Resp: 23636
Ion Ratio Lower Upper
172 100
171 34.2 27.6 41.4
170 22.9 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010350.D
Acq: 27 Mar 2020 14:09

Tgt Ion:188 Resp: 22655
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 6.0 9.0





#25

Fluoranthene-d10

Concen: 0.264 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010350.D

Acq: 27 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

PB127802BL

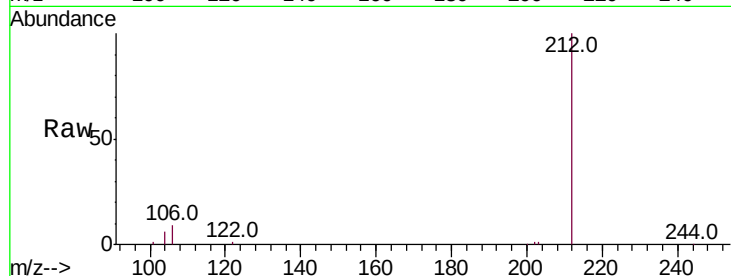
Tot Ion:212 Resp: 18052

Ion Ratio Lower Upper

212 100

106 9.6 7.4 11.2

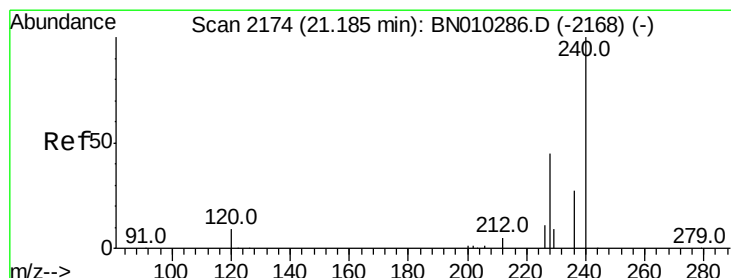
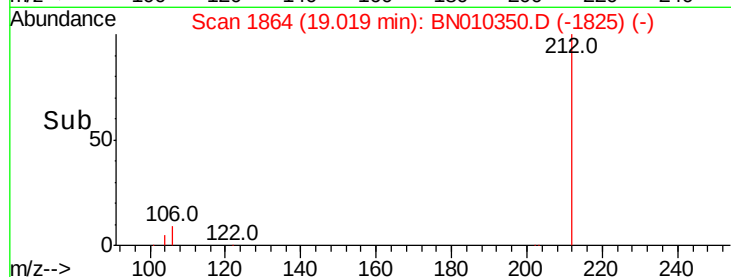
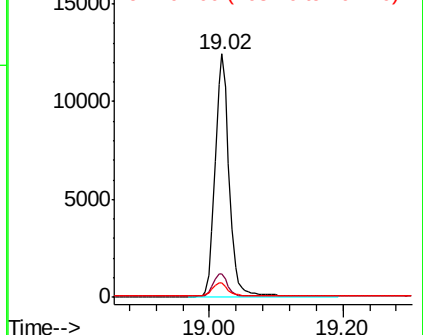
104 5.5 4.2 6.4



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: BN010350.D

Acq: 27 Mar 2020 14:09

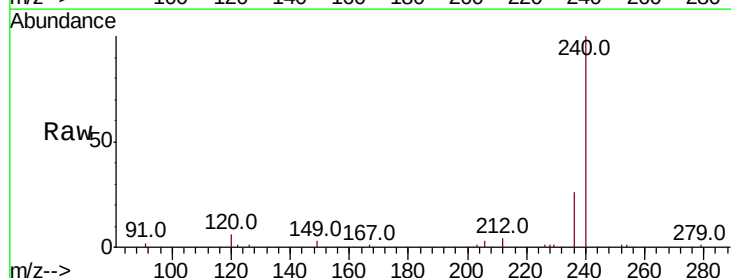
Tgt Ion:240 Resp: 20505

Ion Ratio Lower Upper

240 100

120 5.8 7.9 11.9#

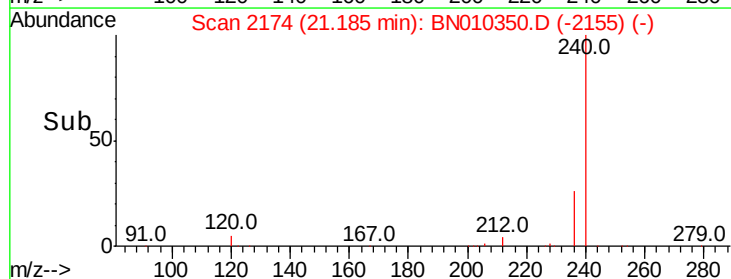
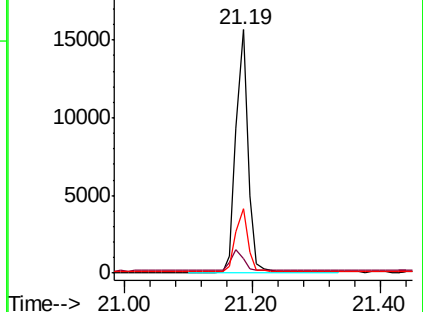
236 26.2 22.2 33.4

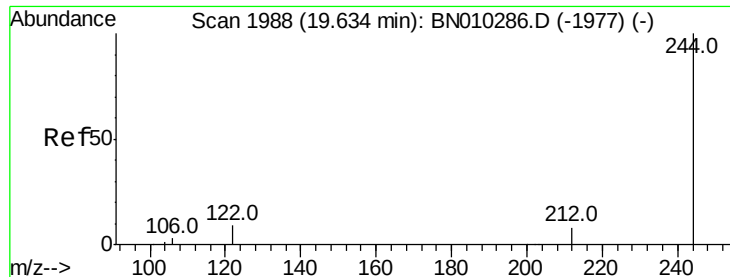


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.518 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010350.D

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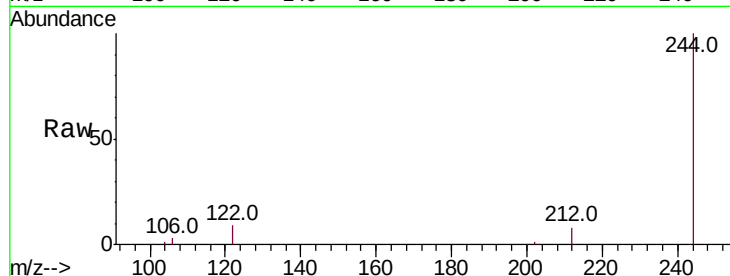
Tot Ion:244 Resp: 22937

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

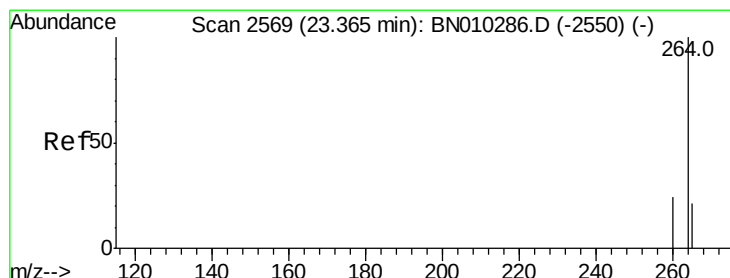
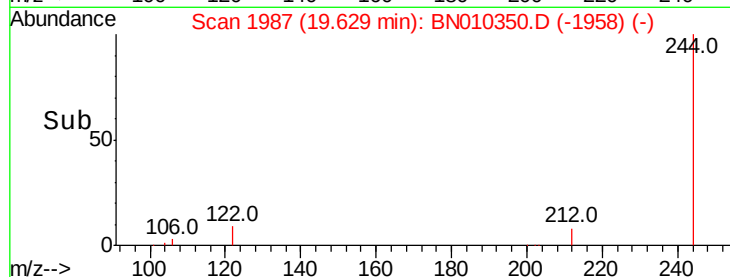
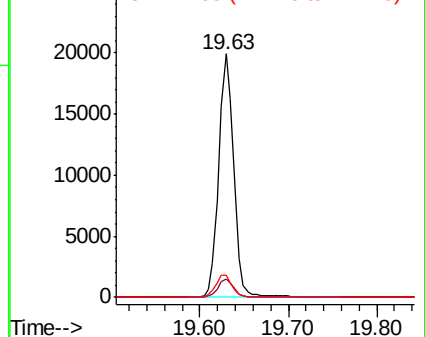
122 9.0 7.6 11.4



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: 23.35 min Scan# 2566

Delta R.T. -0.01 min

Lab File: BN010350.D

Acq: 27 Mar 2020 14:09

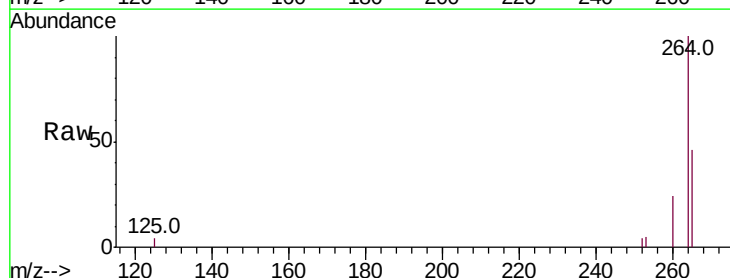
Tgt Ion:264 Resp: 22095

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 46.0 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

