

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010270.D
 Acq On : 18 Mar 2020 19:08
 Operator : CG/JU
 Sample : L1903-06DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 01:13:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

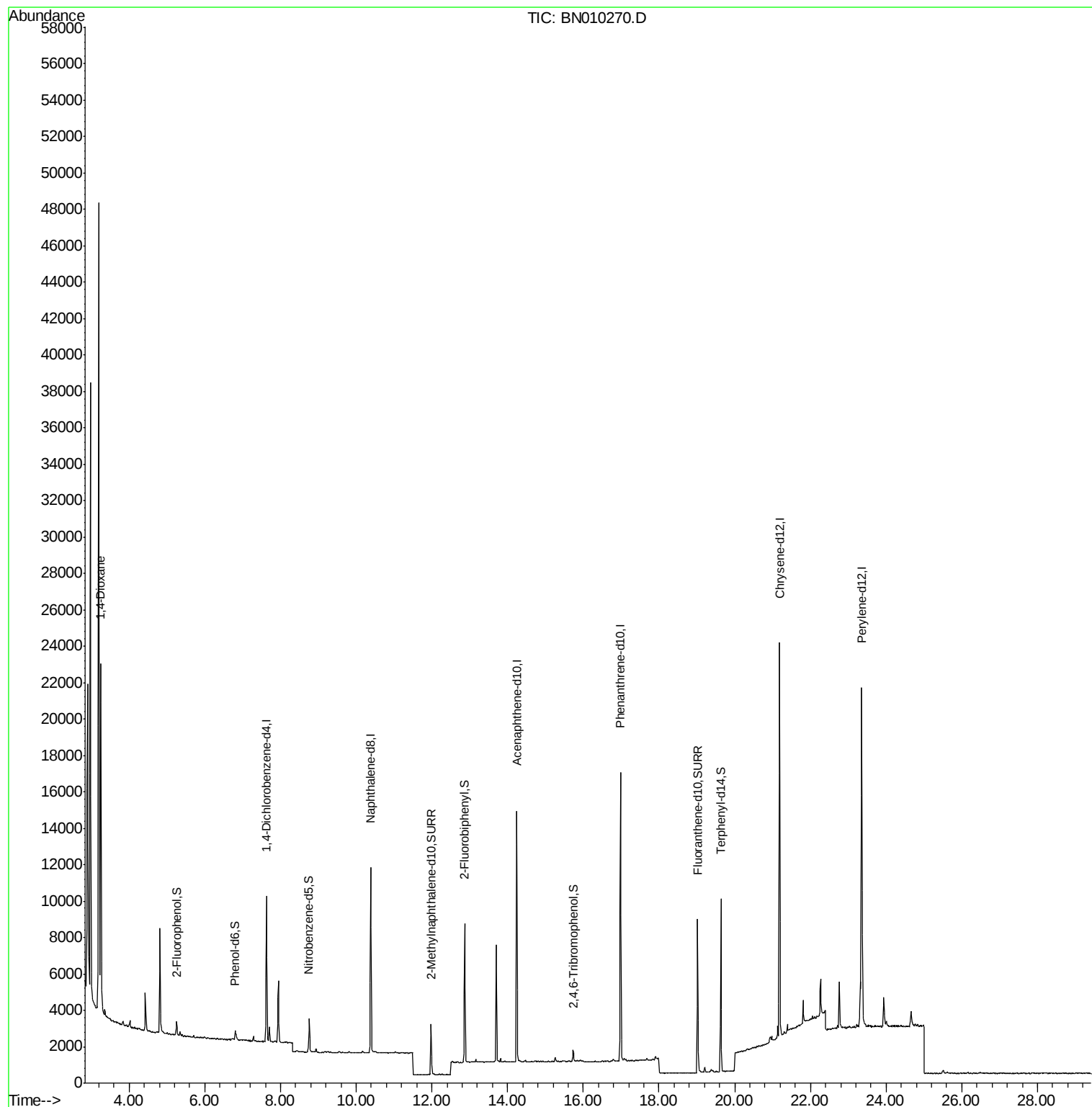
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3949	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13567	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	8300	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	20381	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	20620	0.40	ng	-0.01
34) Perylene-d12	23.35	264	24260	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	673	0.07	ng	0.00
5) Phenol-d6	6.81	99	554	0.05	ng	0.00
8) Nitrobenzene-d5	8.76	82	1520	0.19	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	3707	0.17	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	537	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	6457	0.22	ng	-0.01
25) Fluoranthene-d10	19.02	212	10330	0.16	ng	-0.01
29) Terphenyl-d14	19.63	244	9680	0.21	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.26	88	12729	3.304	ng	Qvalue # 52

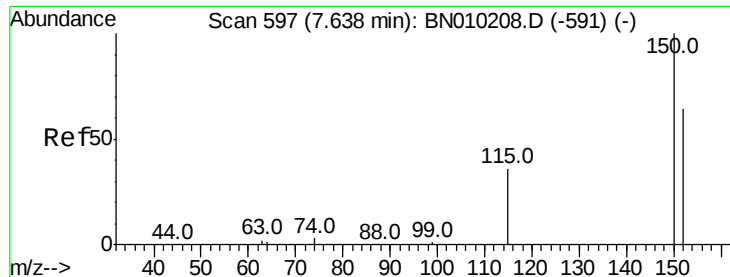
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
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QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

Instrument :

BNA_N

ClientSampled :

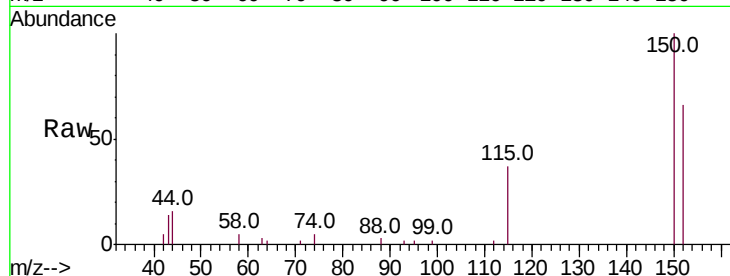
Tot Ion:152 Resp: 3949

Ion Ratio Lower Upper

152 100

150 151.2 119.5 179.3

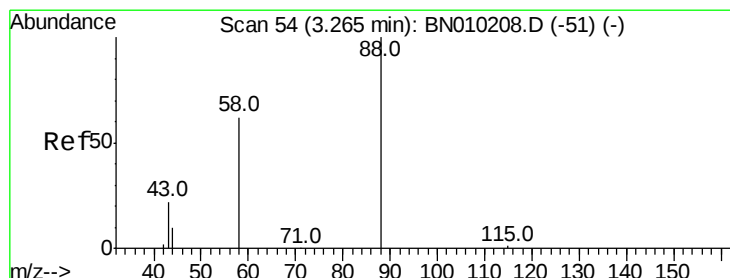
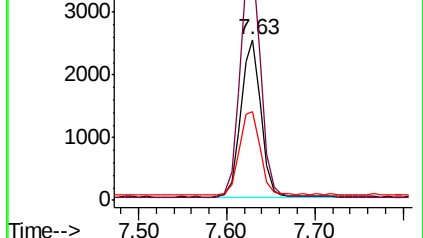
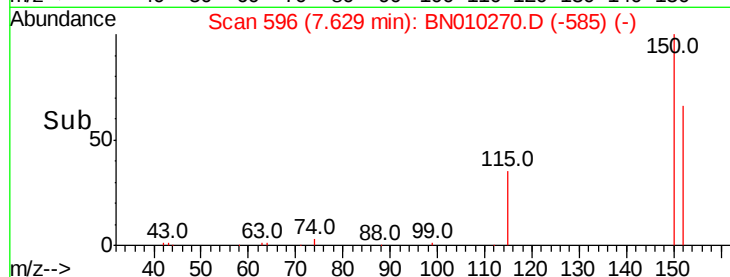
115 55.4 50.9 76.3



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



#2

1,4-Dioxane

Concen: 3.304 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

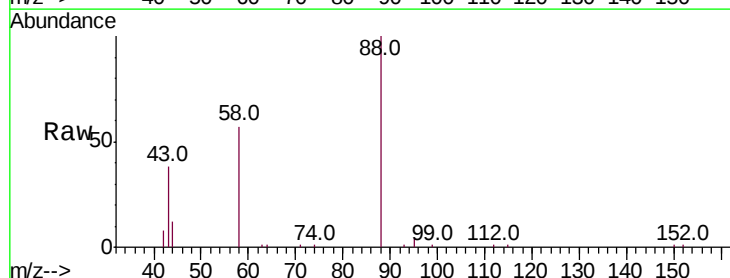
Tgt Ion: 88 Resp: 12729

Ion Ratio Lower Upper

88 100

58 64.2 97.8 146.8#

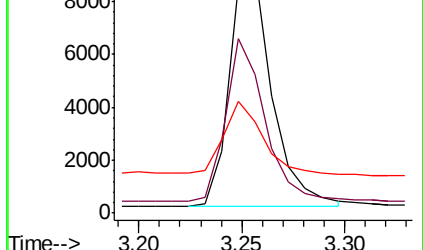
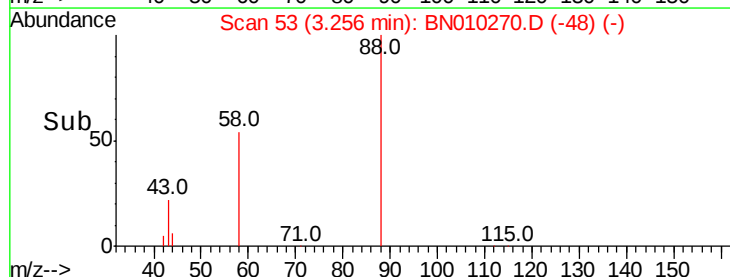
43 27.9 45.1 67.7#

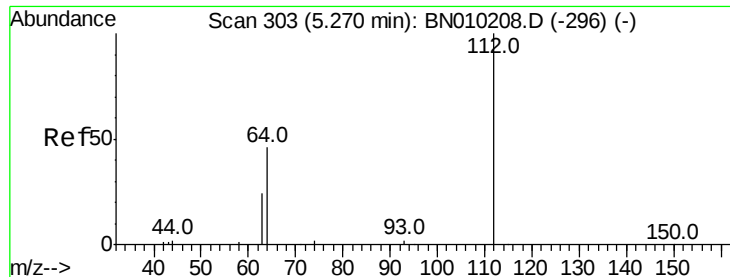


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.073 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

Instrument :

BNA_N

ClientSampleId :

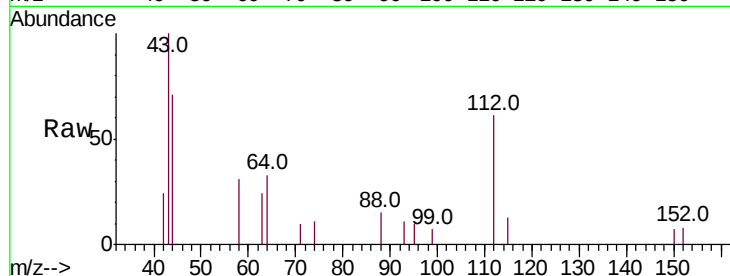
Tot Ion:112 Resp: 673

Ion Ratio Lower Upper

112 100

64 51.9 42.6 63.8

63 29.6 23.6 35.4



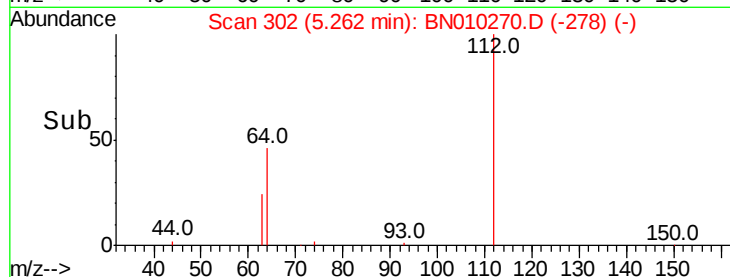
Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

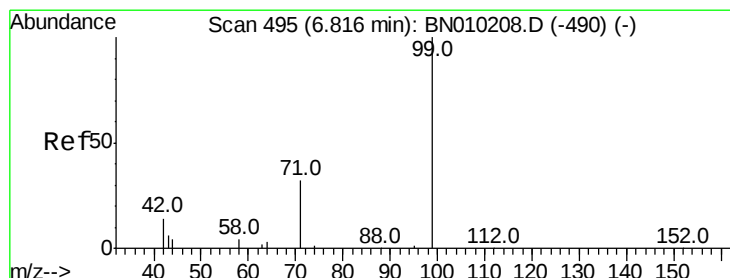
Ion 63.00 (62.70 to 63.70): BNC

5.26

Time-->



Time-->



#5

Phenol-d6

Concen: 0.048 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

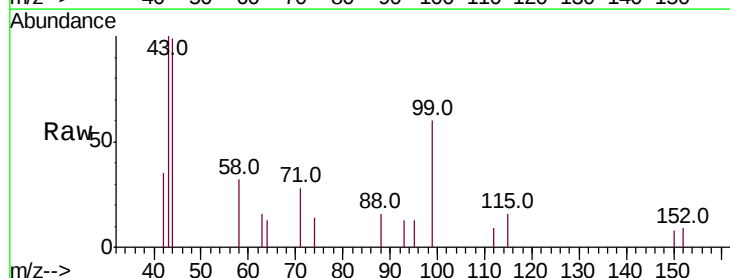
Tgt Ion: 99 Resp: 554

Ion Ratio Lower Upper

99 100

42 26.0 12.0 18.0#

71 33.0 22.6 33.8



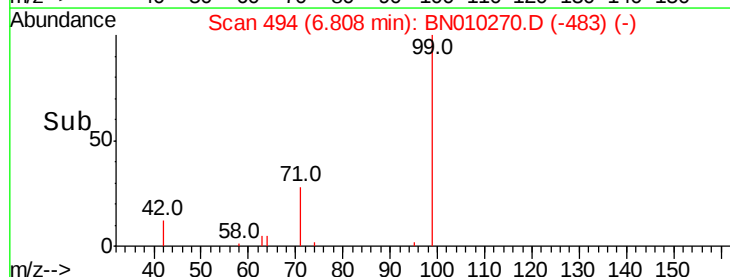
Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

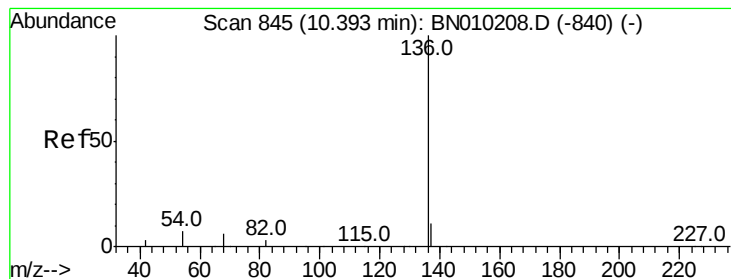
Ion 71.00 (70.70 to 71.70): BNC

6.81

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13567

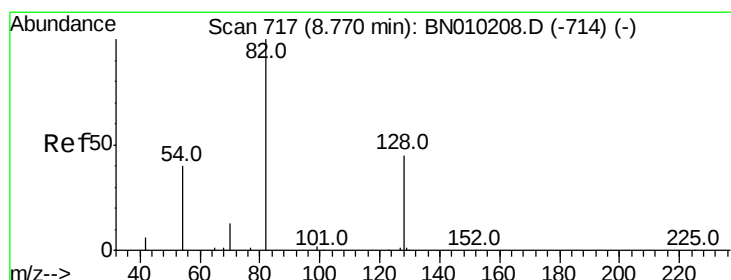
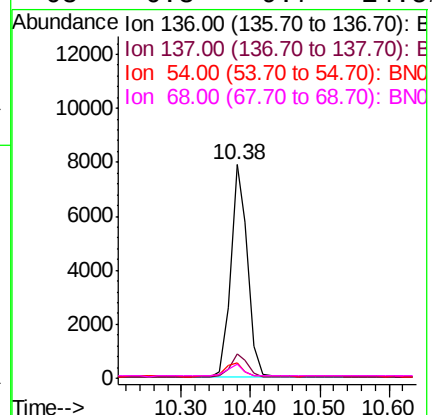
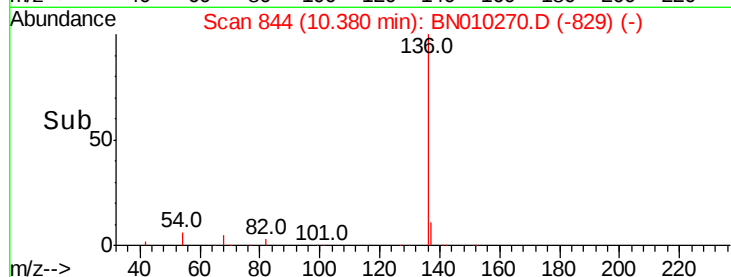
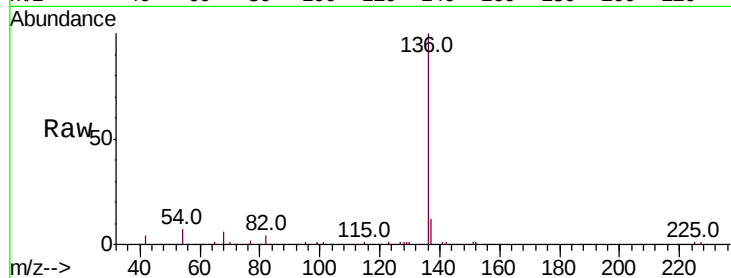
Ion Ratio Lower Upper

136 100

137 11.5 10.6 15.8

54 7.3 9.5 14.3#

68 6.3 9.7 14.5#



#8

Nitrobenzene-d5

Concen: 0.187 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

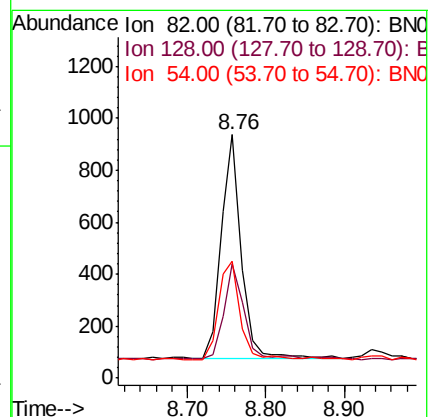
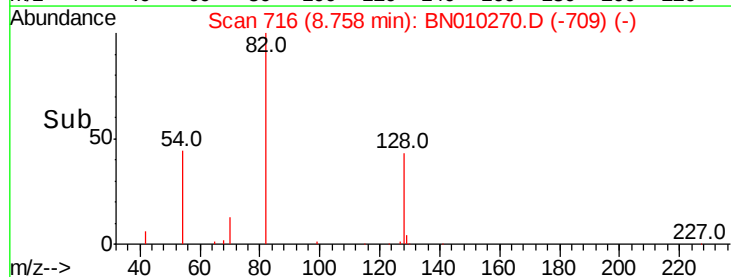
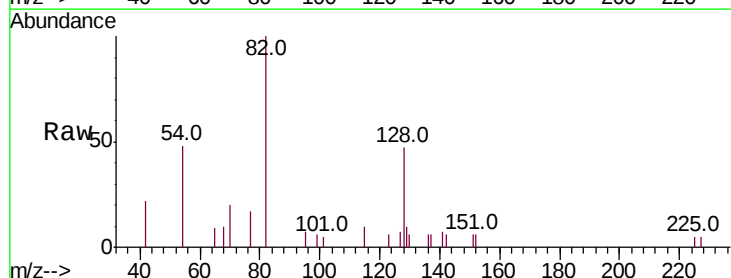
Tgt Ion: 82 Resp: 1520

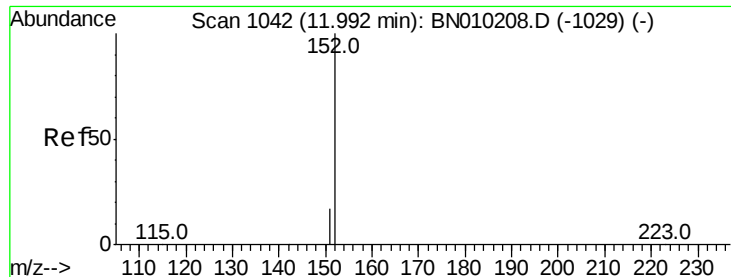
Ion Ratio Lower Upper

82 100

128 47.2 35.0 52.6

54 48.1 37.0 55.4

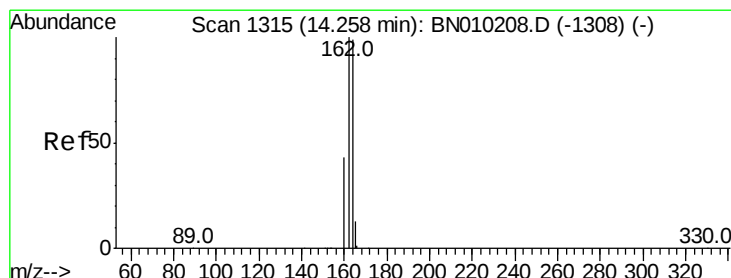
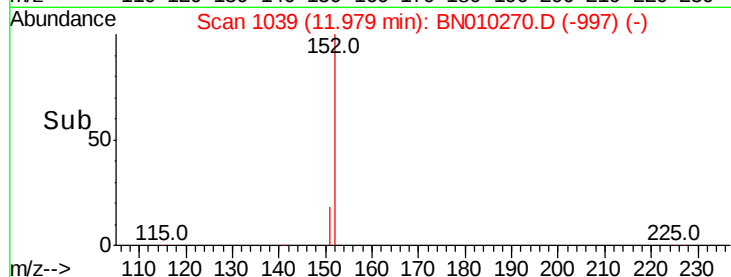
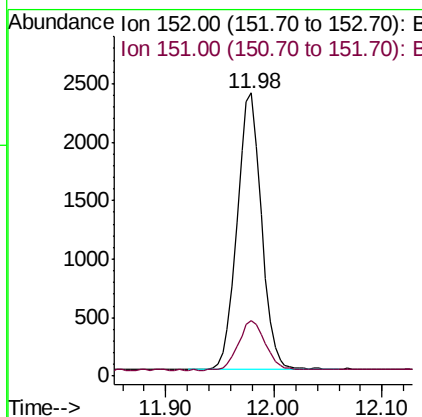
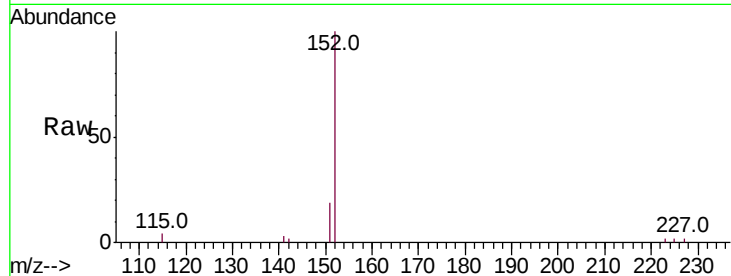




#11
2-Methylnaphthalene-d10
Concen: 0.165 ng
RT: 11.98 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BN010270.D
Acq: 18 Mar 2020 19:08

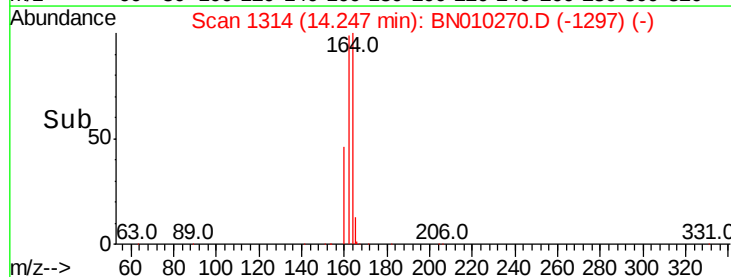
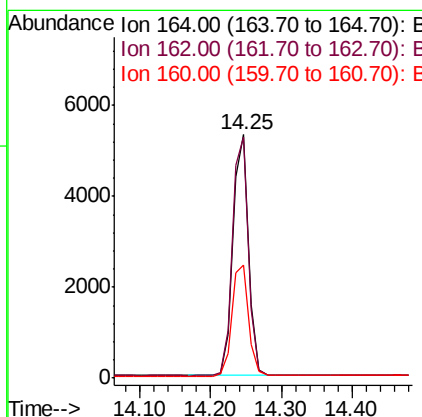
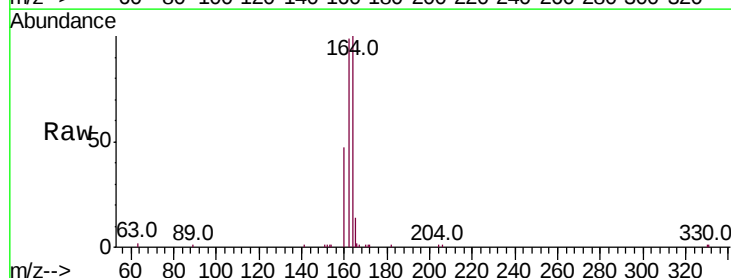
Instrument :
BNA_N
ClientSampled :

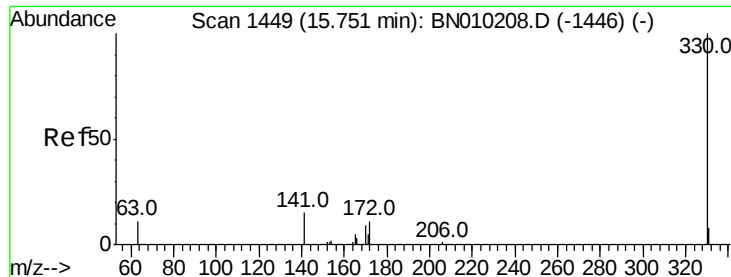
Tot Ion:152 Resp: 3707
Ion Ratio Lower Upper
152 100
151 19.9 15.0 22.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010270.D
Acq: 18 Mar 2020 19:08

Tgt Ion:164 Resp: 8300
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.4
160 46.6 35.6 53.4

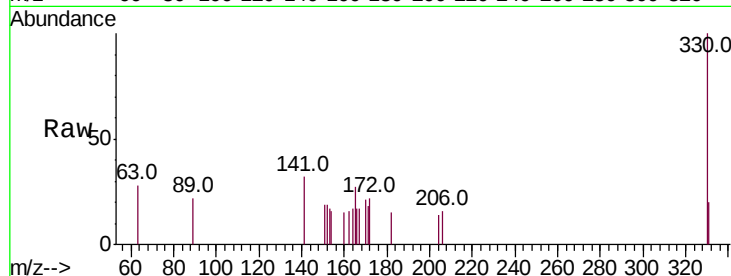




#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.74 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BN010270.D
Acq: 18 Mar 2020 19:08

Instrument :
BNA_N
ClientSampled :

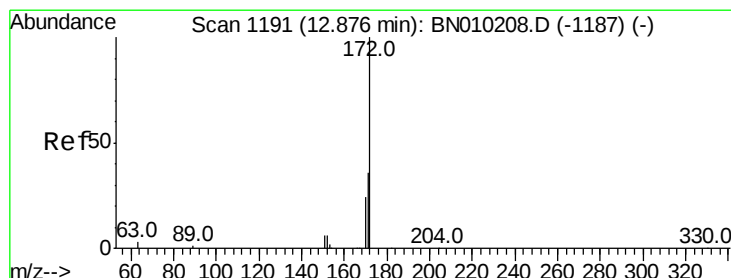
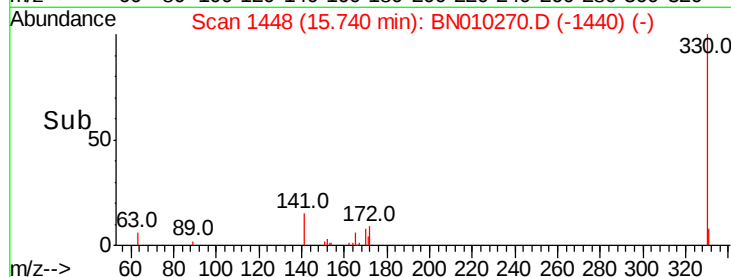
Tot Ion:330 Resp: 537
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.2 25.1 37.7



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

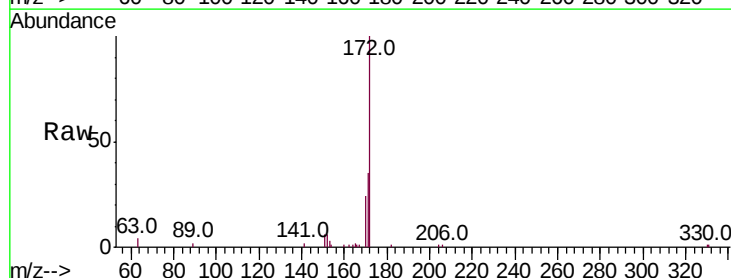
15.74

Time-->



#15
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010270.D
Acq: 18 Mar 2020 19:08

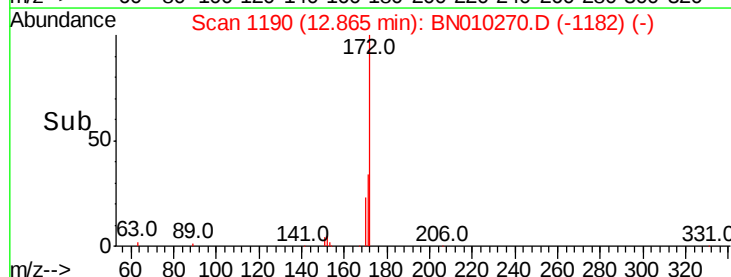
Tgt Ion:172 Resp: 6457
Ion Ratio Lower Upper
172 100
171 35.1 29.4 44.2
170 24.1 20.2 30.4

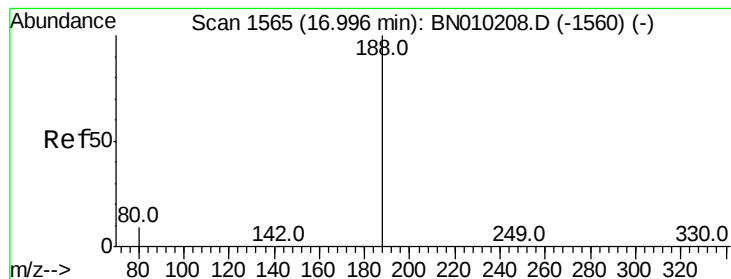


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

12.86

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

Instrument :

BNA_N

ClientSampleId :

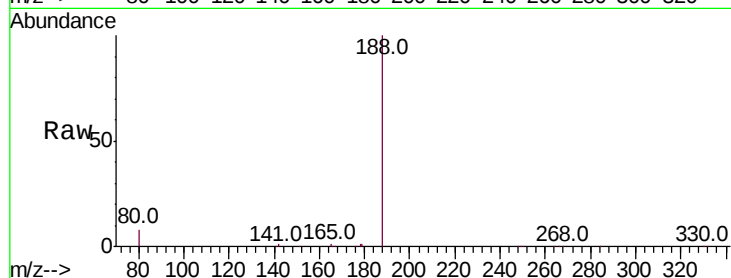
Tot Ion:188 Resp: 20381

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

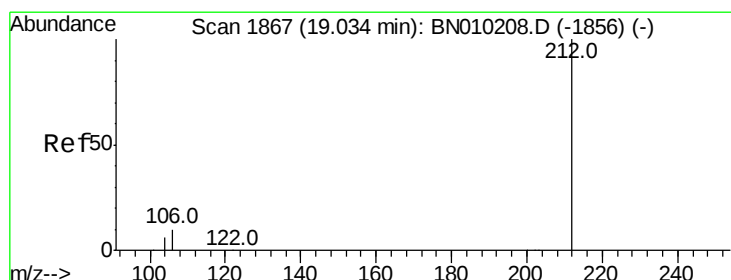
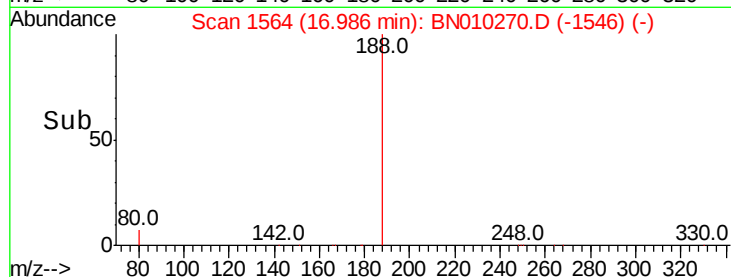
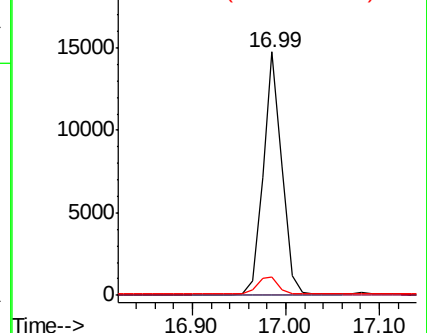
80 7.7 8.6 12.8#



Abundance Ion 188.00 (187.70 to 188.70): E

20000 Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.164 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

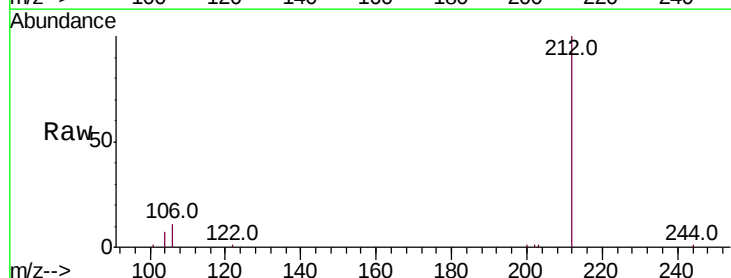
Tgt Ion:212 Resp: 10330

Ion Ratio Lower Upper

212 100

106 9.6 8.1 12.1

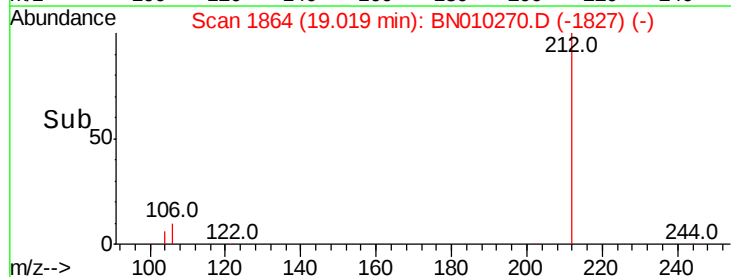
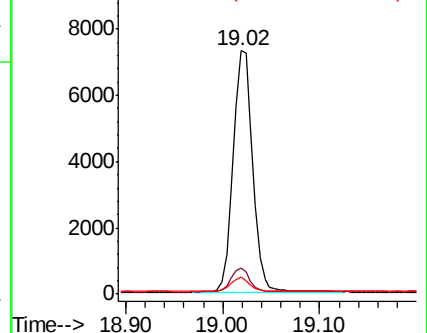
104 5.3 4.7 7.1

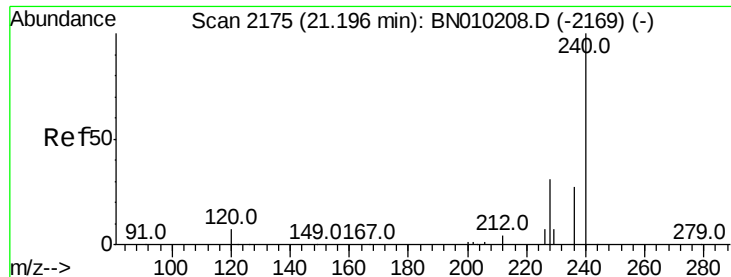


Abundance Ion 212.00 (211.70 to 212.70): E

10000 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. -0.01 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

Instrument :

BNA_N

ClientSampleId :

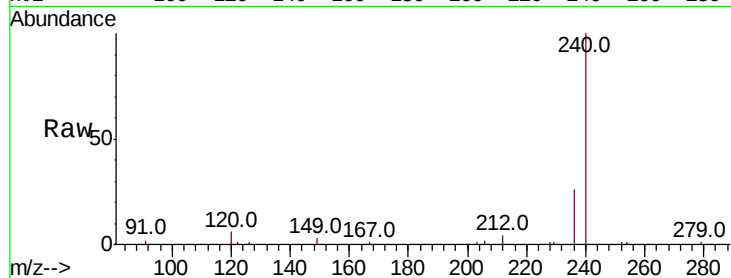
Tot Ion:240 Resp: 20620

Ion Ratio Lower Upper

240 100

120 5.7 7.7 11.5#

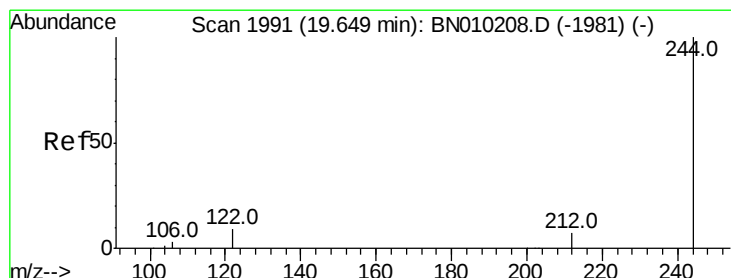
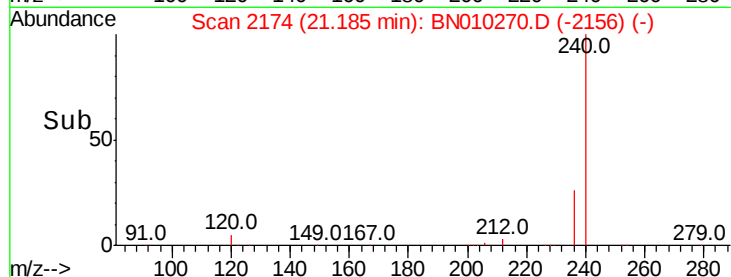
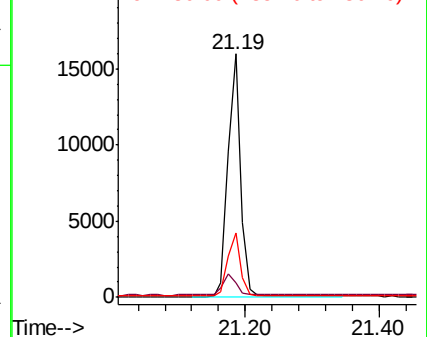
236 26.5 21.8 32.6



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: 0.206 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

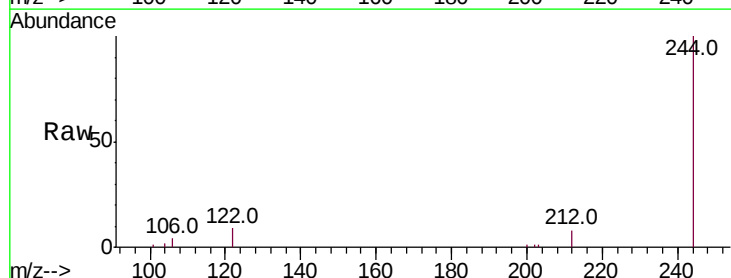
Tgt Ion:244 Resp: 9680

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

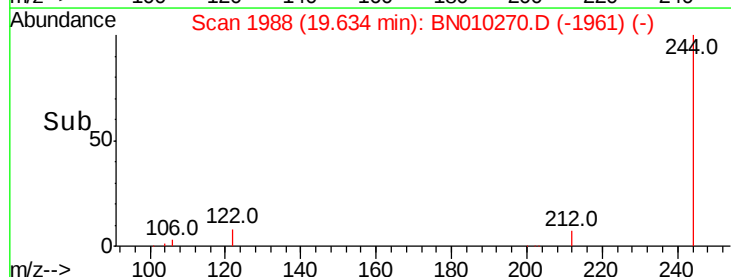
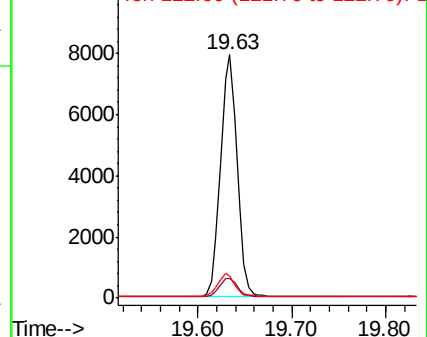
122 9.1 8.1 12.1

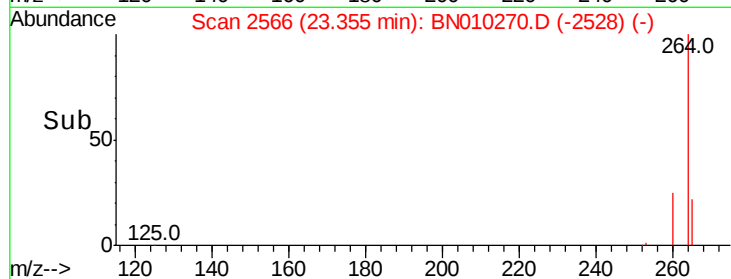
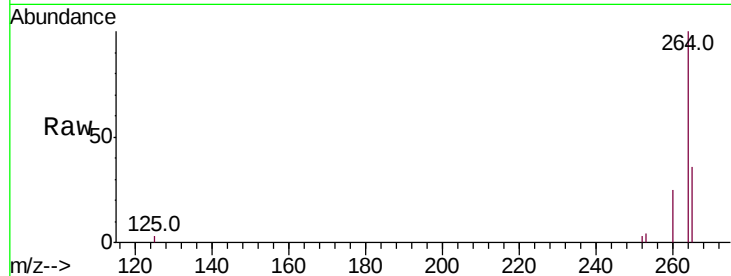
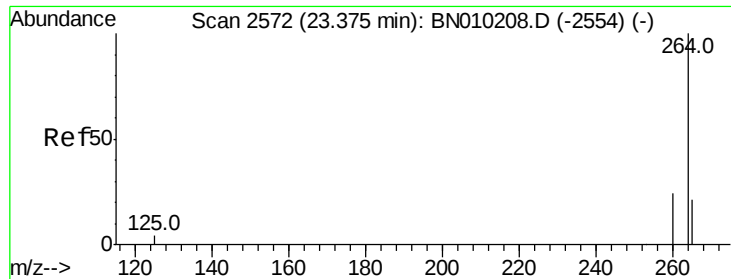


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2566

Delta R.T. -0.02 min

Lab File: BN010270.D

Acq: 18 Mar 2020 19:08

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 24260

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 36.3 25.8 38.6

