

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
 Data File : BN010354.D
 Acq On : 27 Mar 2020 16:33
 Operator : CG/JU
 Sample : L2023-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200323

Quant Time: Mar 27 17:23:03 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

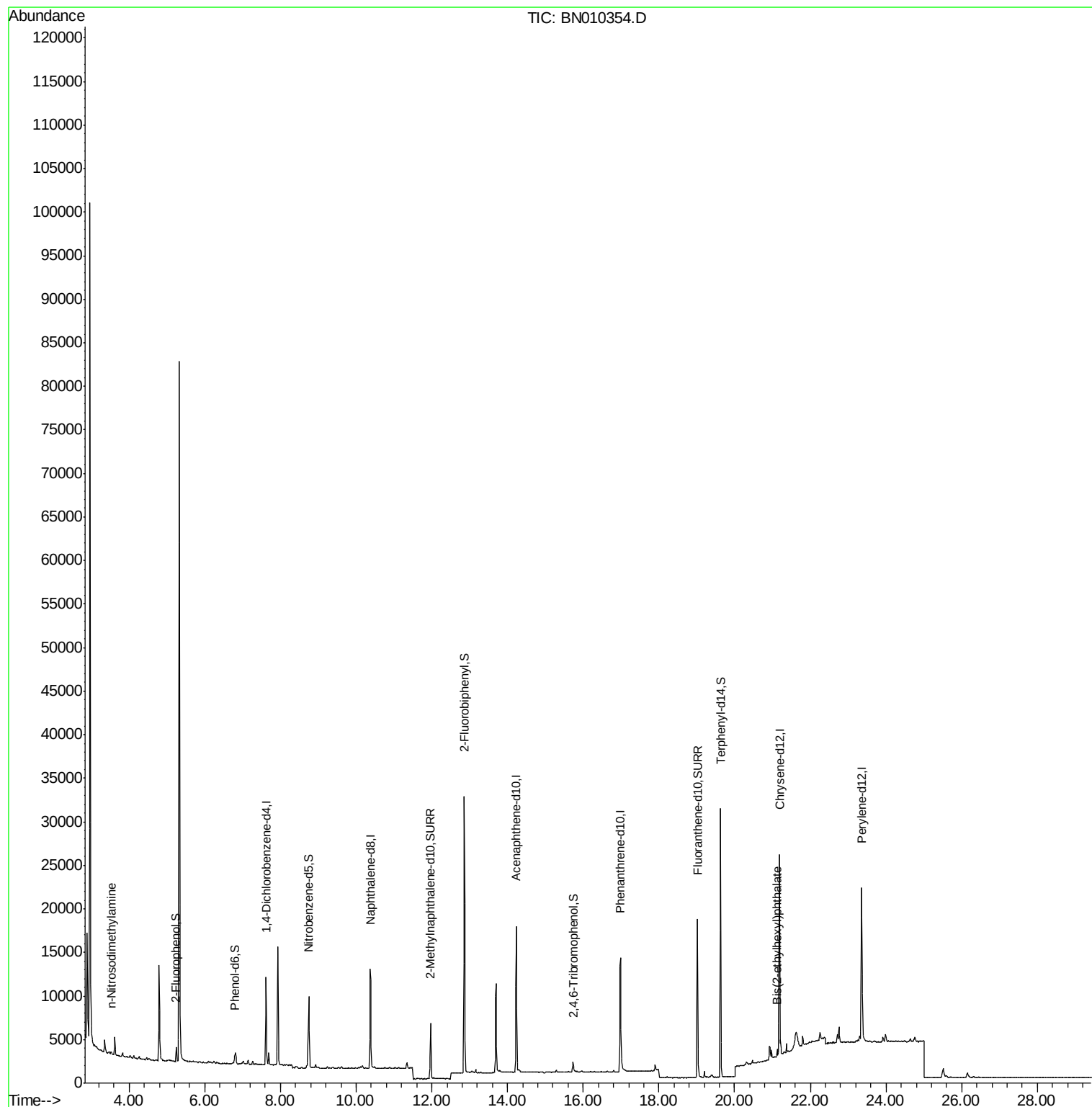
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4919	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	16982	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	9491	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	22757	0.40	ng	0.00
27) Chrysene-d12	21.19	240	23173	0.40	ng	0.00
34) Perylene-d12	23.36	264	23684	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1461	0.15	ng	0.00
5) Phenol-d6	6.80	99	1011	0.08	ng	0.00
8) Nitrobenzene-d5	8.74	82	7148	0.66	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8543	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1180	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	27377	0.75	ng	-0.01
25) Fluoranthene-d10	19.02	212	21568	0.31	ng	0.00
29) Terphenyl-d14	19.63	244	30895	0.62	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.55	42	81	0.021	ng	# 19
32) Bis(2-ethylhexyl)phthalate	21.12	149	851	0.034	ng	# 99

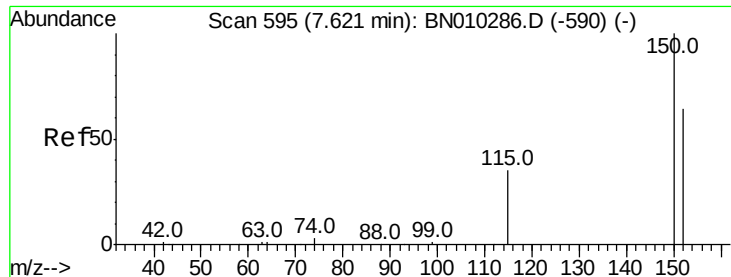
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN010354.D

Acq: 27 Mar 2020 16:33

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200323

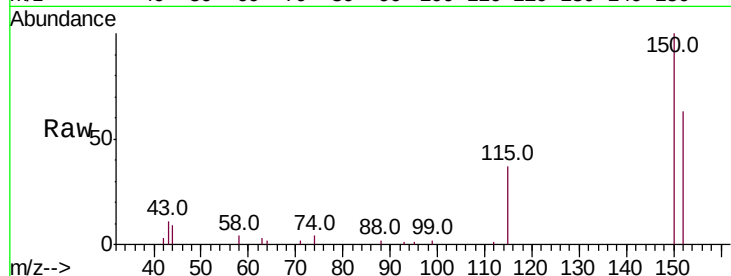
Tot Ion:152 Resp: 4919

Ion Ratio Lower Upper

152 100

150 158.3 123.1 184.7

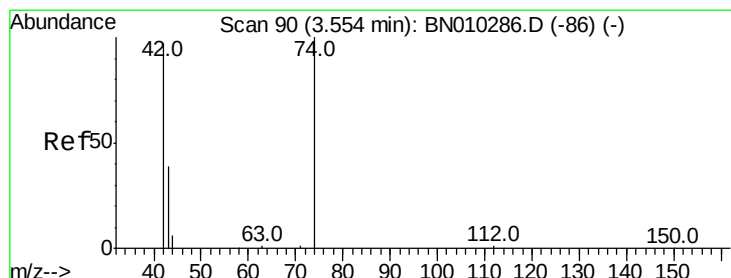
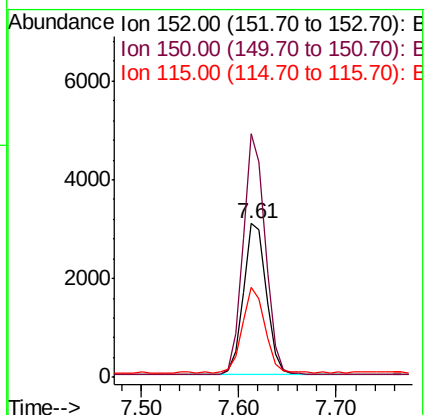
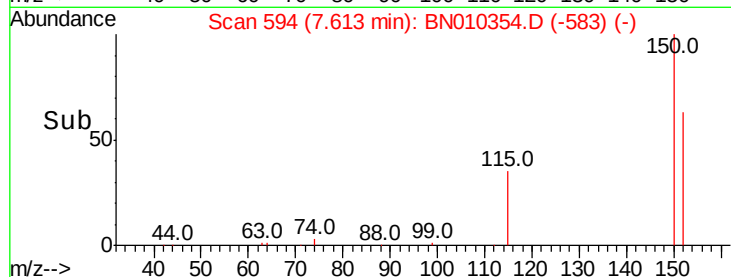
115 58.7 45.2 67.8



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



#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.01 min

Lab File: BN010354.D

Acq: 27 Mar 2020 16:33

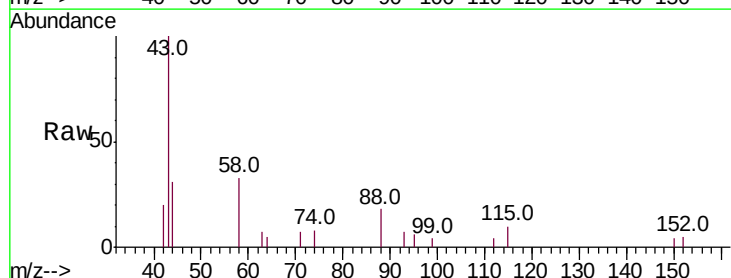
Tgt Ion: 42 Resp: 81

Ion Ratio Lower Upper

42 100

74 33.3 99.4 149.0#

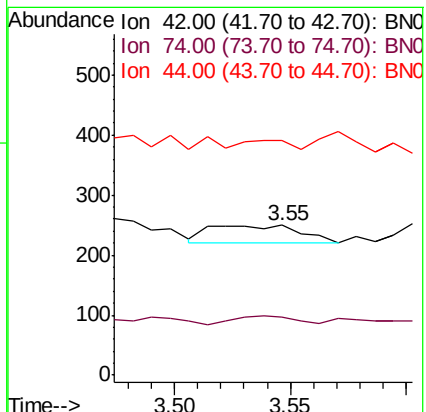
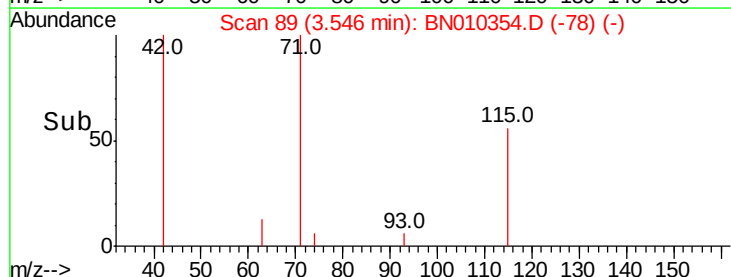
44 37.0 4.8 7.2#

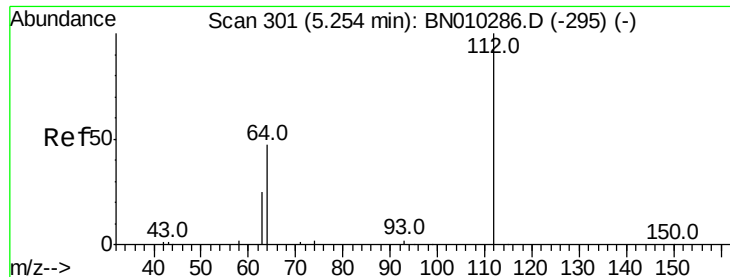


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.150 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010354.D

Acq: 27 Mar 2020 16:33

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200323

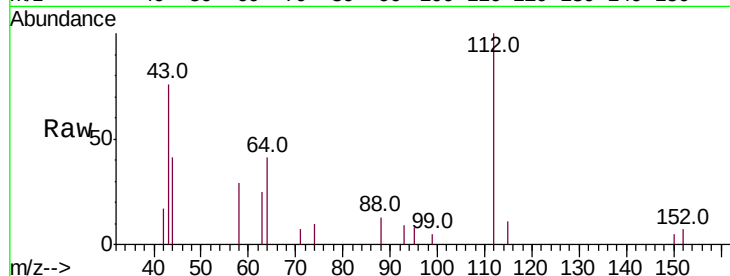
Tot Ion:112 Resp: 1461

Ion Ratio Lower Upper

112 100

64 44.3 41.4 62.2

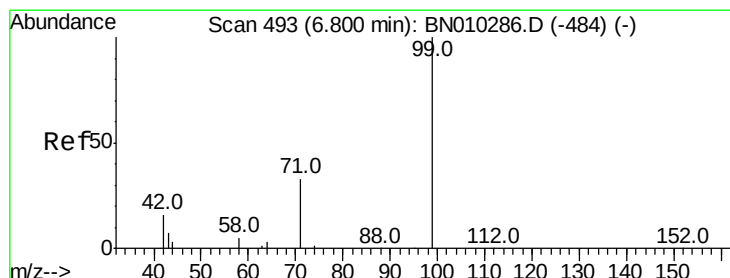
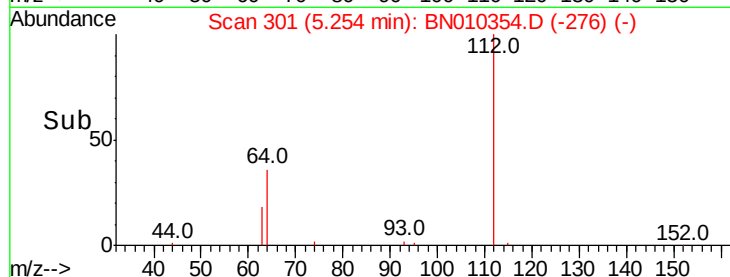
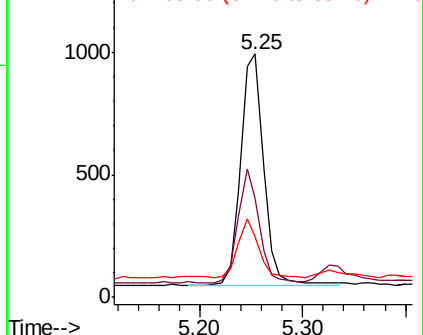
63 22.2 22.9 34.3#



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

Phenol-d6

Concen: 0.083 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010354.D

Acq: 27 Mar 2020 16:33

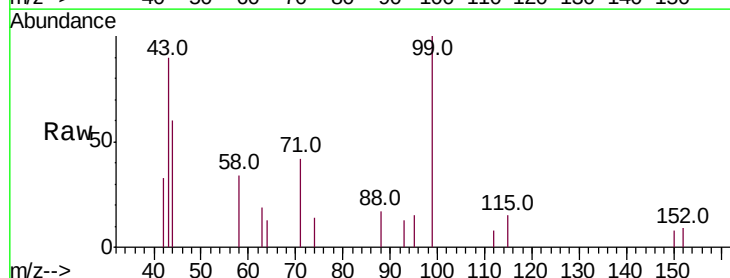
Tgt Ion: 99 Resp: 1011

Ion Ratio Lower Upper

99 100

42 19.9 14.8 22.2

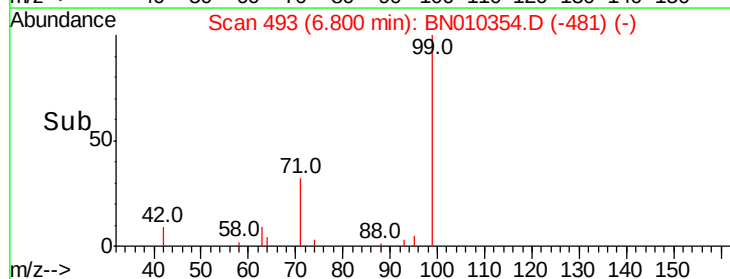
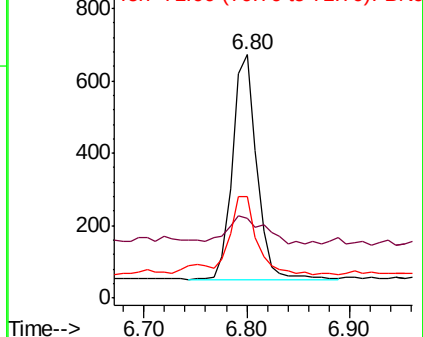
71 44.0 27.3 40.9#

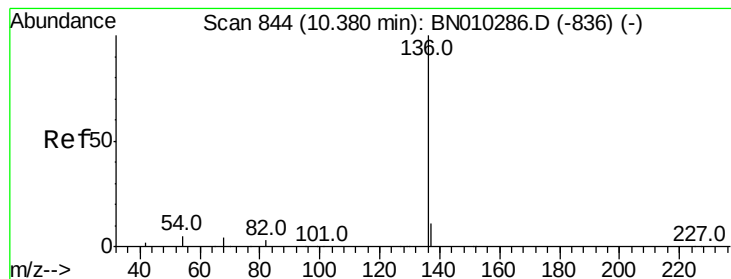


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN010354.D

Acq: 27 Mar 2020 16:33

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200323

Tot Ion:136 Resp: 16982

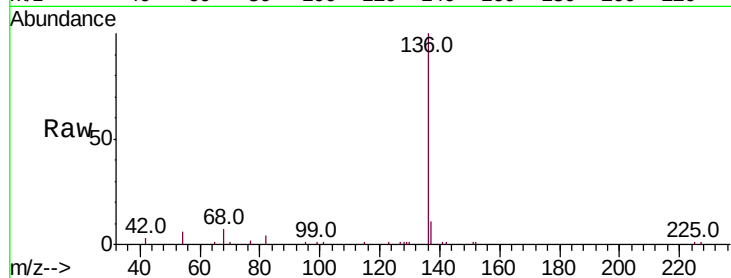
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 5.8 4.8 7.2

68 6.6 4.1 6.1#

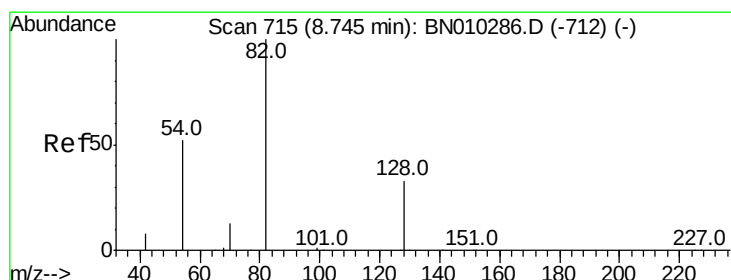
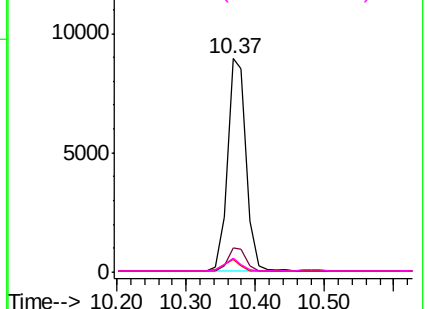
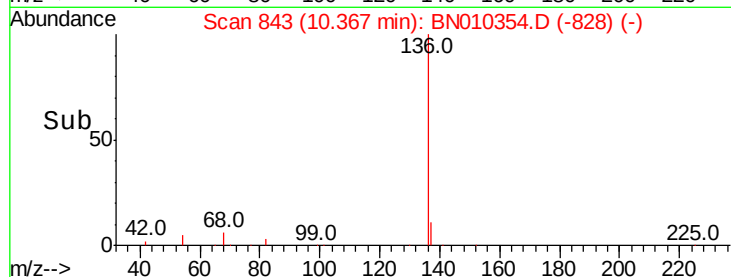


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0



#8

Nitrobenzene-d5

Concen: 0.657 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010354.D

Acq: 27 Mar 2020 16:33

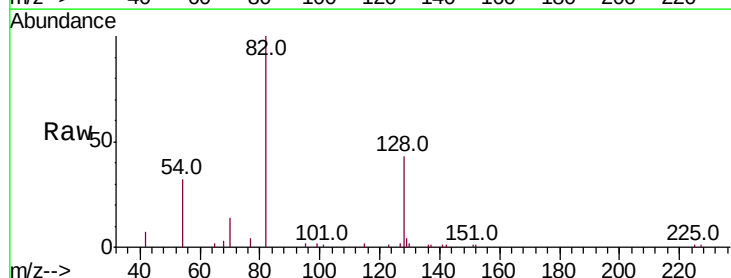
Tgt Ion: 82 Resp: 7148

Ion Ratio Lower Upper

82 100

128 43.1 28.8 43.2

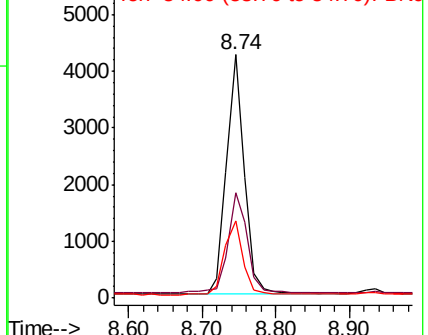
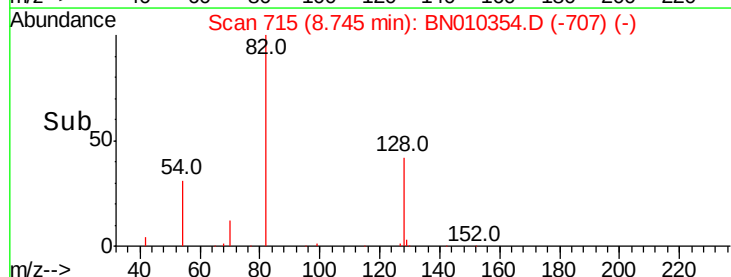
54 31.7 42.1 63.1#

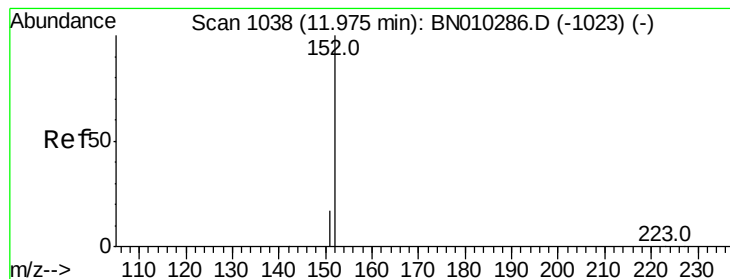


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0





#11

2-Methylnaphthalene-d10

Concen: 0.315 ng

RT: 11.97 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BN010354.D

Acq: 27 Mar 2020 16:33

Instrument :

BNA_N

ClientSampleId :

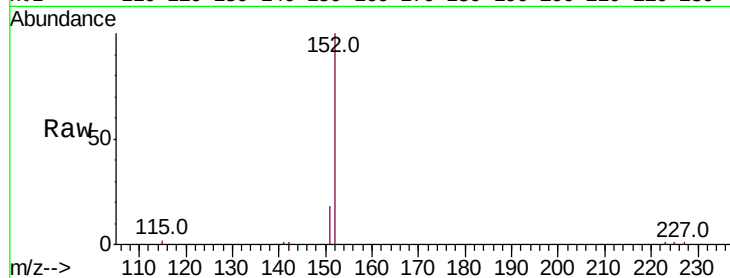
KY038PS037-200323

Tot Ion:152 Resp: 8543

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.97

6000

5000

4000

3000

2000

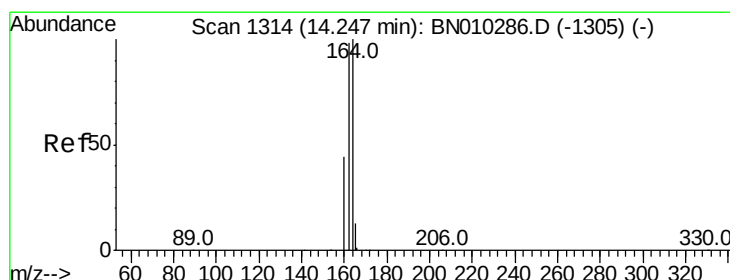
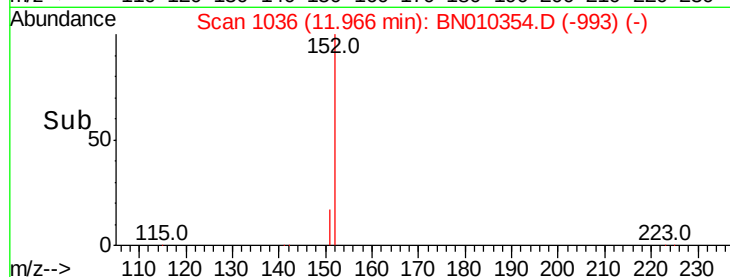
1000

0

Time-->

11.90

12.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010354.D

Acq: 27 Mar 2020 16:33

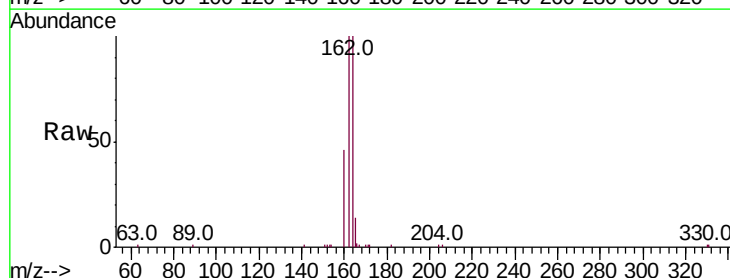
Tgt Ion:164 Resp: 9491

Ion Ratio Lower Upper

164 100

162 99.6 78.2 117.2

160 46.2 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

14.24

8000

6000

4000

2000

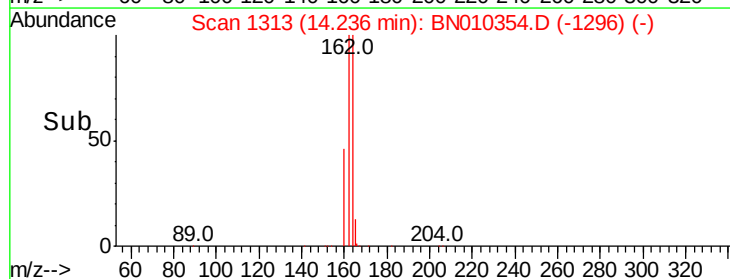
0

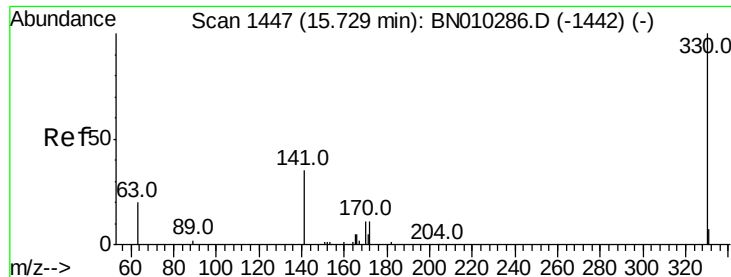
Time-->

14.20

14.30

14.40

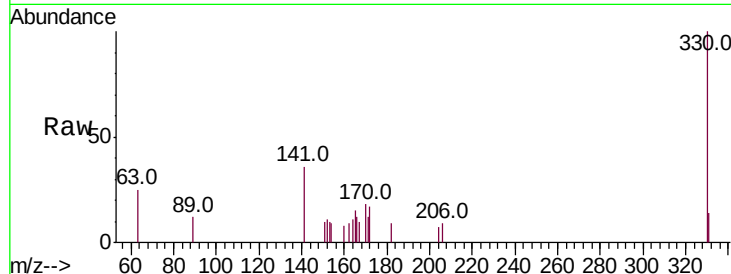




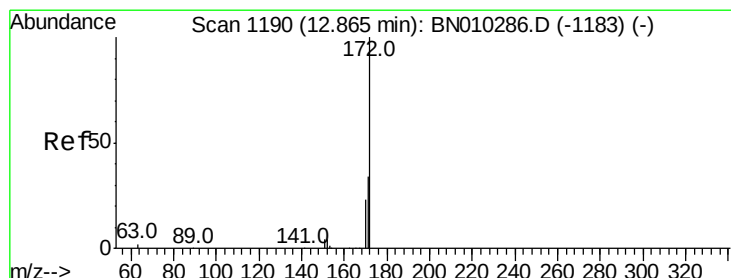
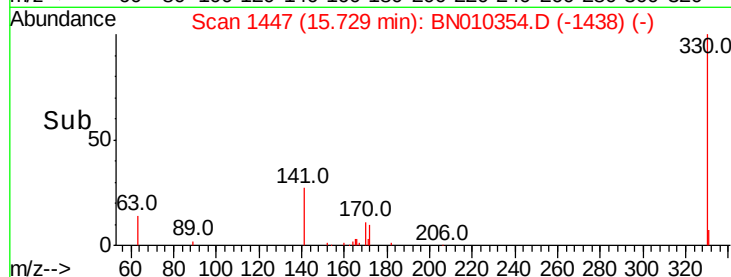
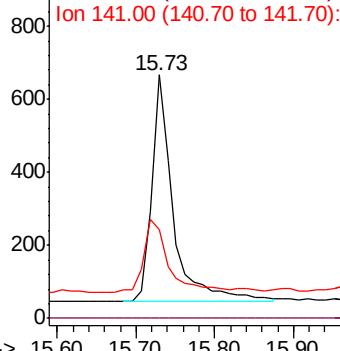
#14
 2,4,6-Tribromophenol
 Concen: 0.324 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BN010354.D
 Acq: 27 Mar 2020 16:33

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200323

Tot Ion:330 Resp: 1180
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.7 29.3 43.9

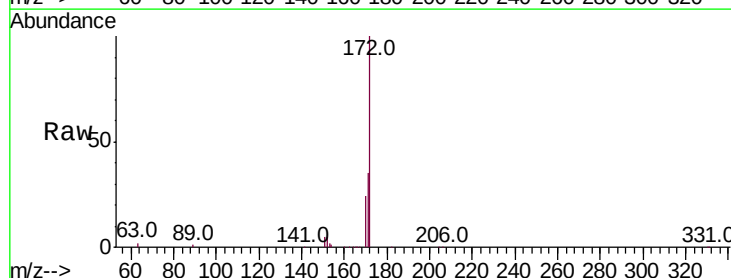


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

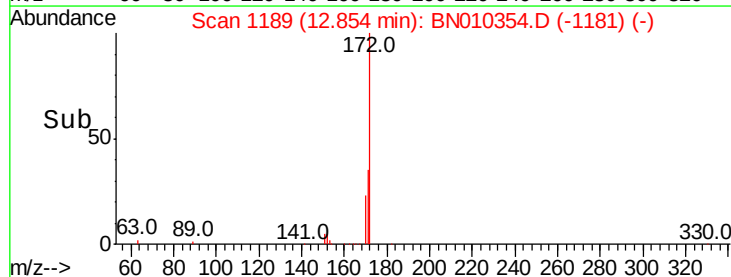
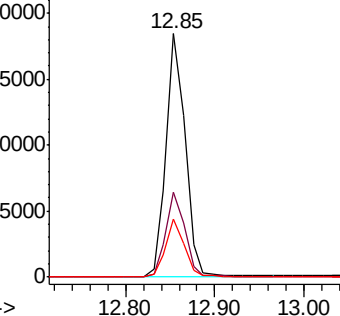


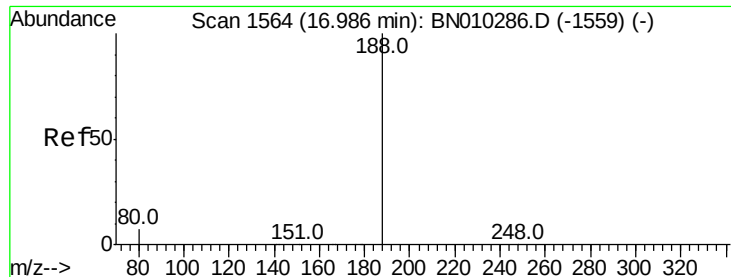
#15
 2-Fluorobiphenyl
 Concen: 0.754 ng
 RT: 12.85 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BN010354.D
 Acq: 27 Mar 2020 16:33

Tgt Ion:172 Resp: 27377
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.6 41.4
 170 23.6 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: BN010354.D

Acq: 27 Mar 2020 16:33

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200323

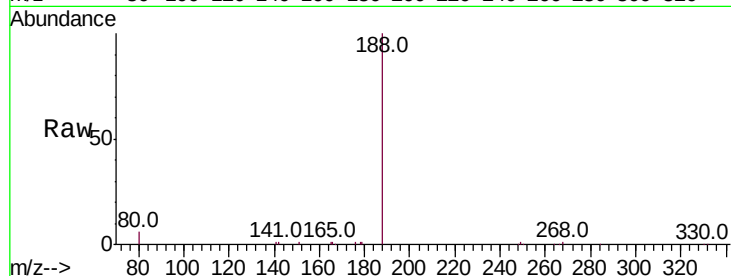
Tot Ion:188 Resp: 22757

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

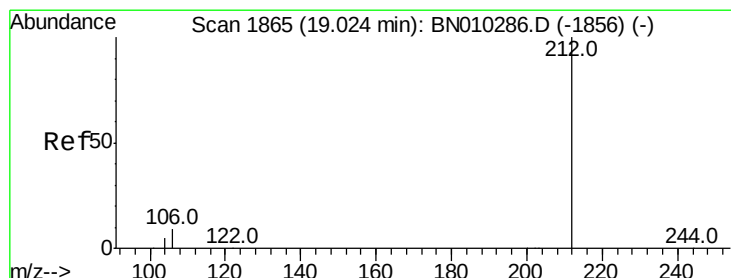
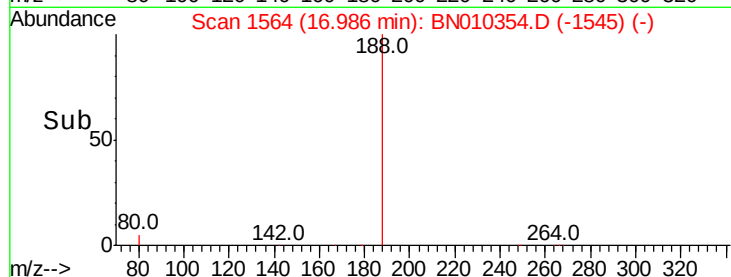
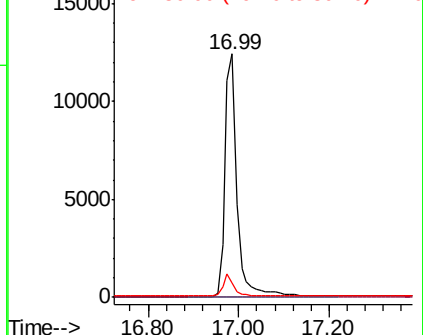
80 6.1 6.0 9.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.314 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010354.D

Acq: 27 Mar 2020 16:33

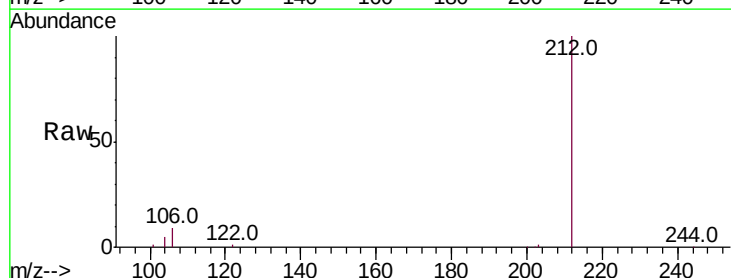
Tgt Ion:212 Resp: 21568

Ion Ratio Lower Upper

212 100

106 9.6 7.4 11.2

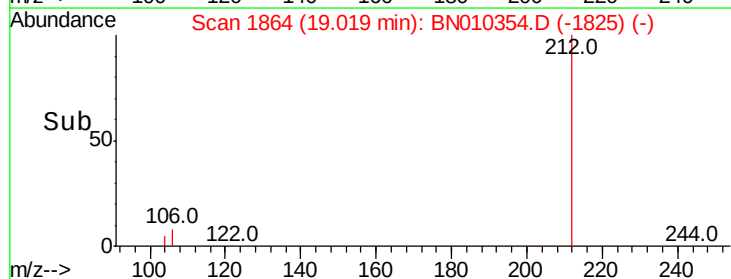
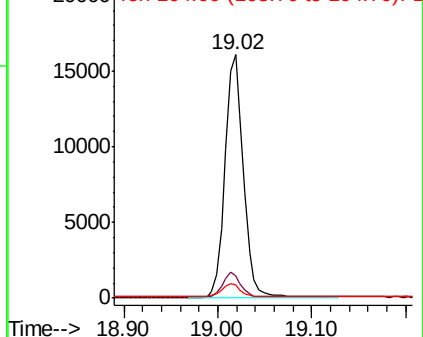
104 5.4 4.2 6.4

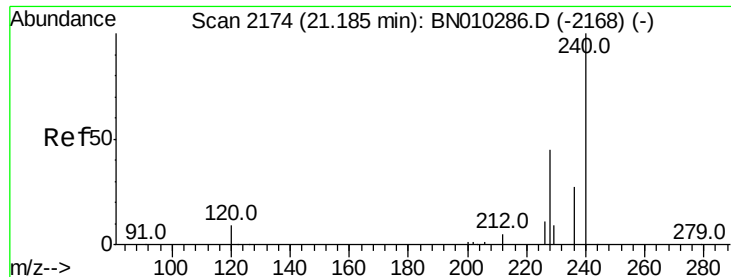


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

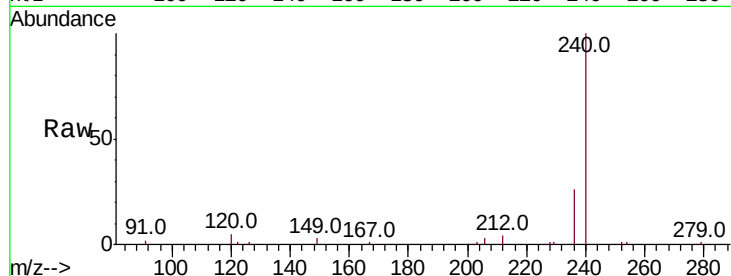




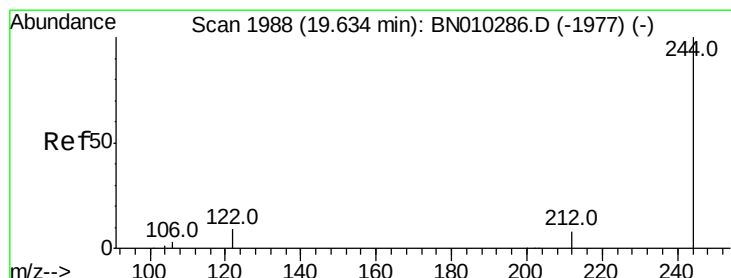
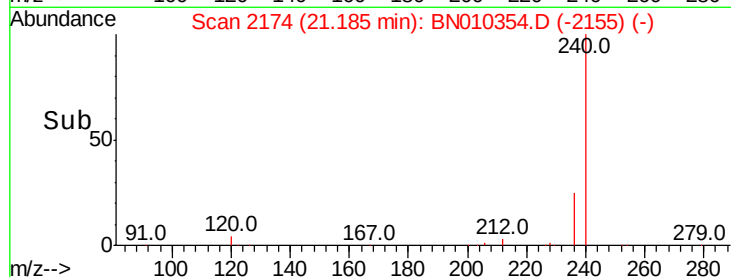
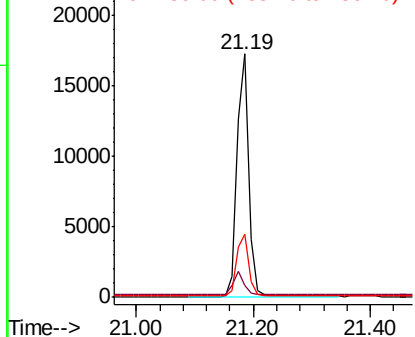
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BN010354.D
 Acq: 27 Mar 2020 16:33

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200323

Tot Ion:240 Resp: 23173
 Ion Ratio Lower Upper
 240 100
 120 4.9 7.9 11.9#
 236 25.7 22.2 33.4

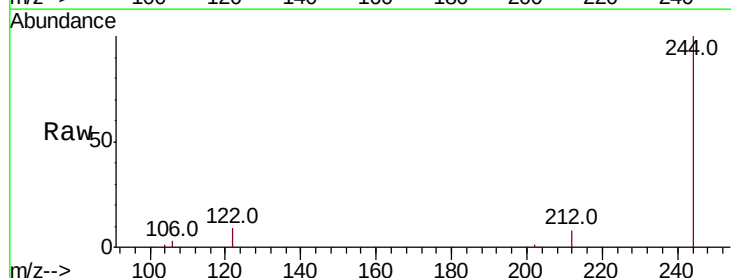


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

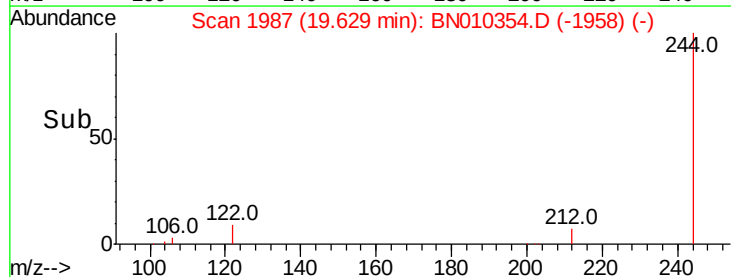
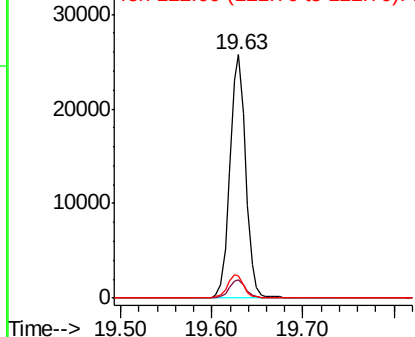


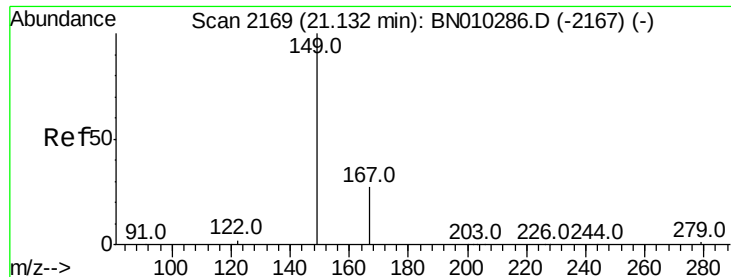
#29
 Terphenyl-d14
 Concen: 0.617 ng
 RT: 19.63 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BN010354.D
 Acq: 27 Mar 2020 16:33

Tgt Ion:244 Resp: 30895
 Ion Ratio Lower Upper
 244 100
 212 7.6 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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.034 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010354.D

Acq: 27 Mar 2020 16:33

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200323

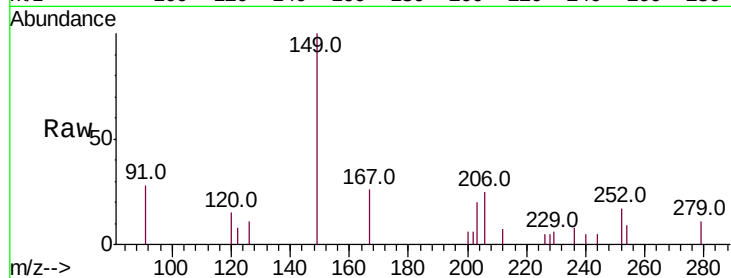
Tot Ion:149 Resp: 851

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.6

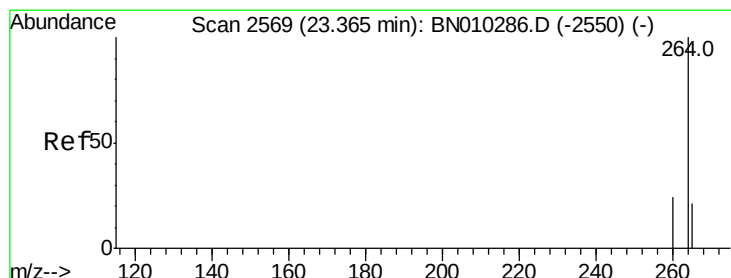
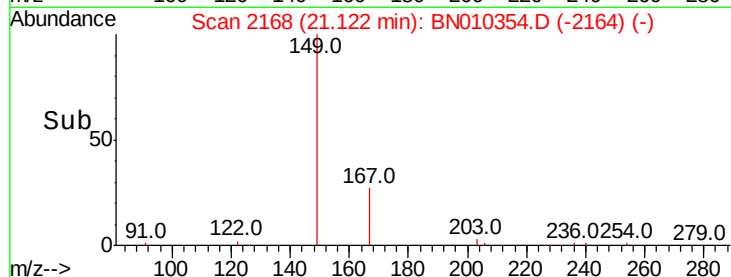
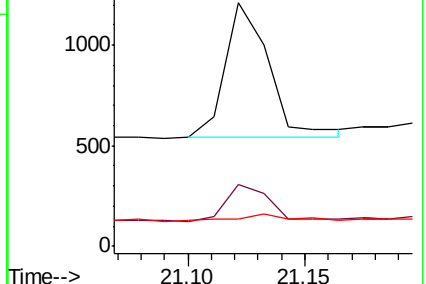
279 5.9 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BN010354.D

Acq: 27 Mar 2020 16:33

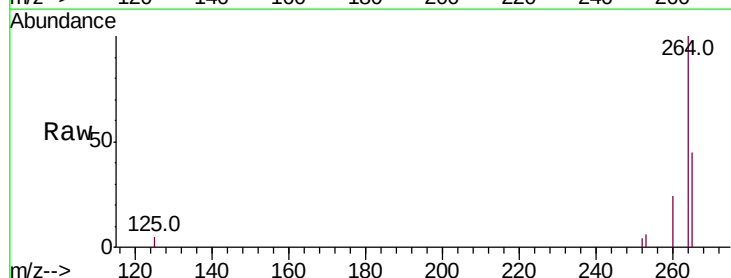
Tgt Ion:264 Resp: 23684

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 45.1 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

