

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
 Data File : BN010629.D
 Acq On : 28 Apr 2020 18:12
 Operator : CG/JU
 Sample : L2363-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200420

Quant Time: Apr 28 18:42:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

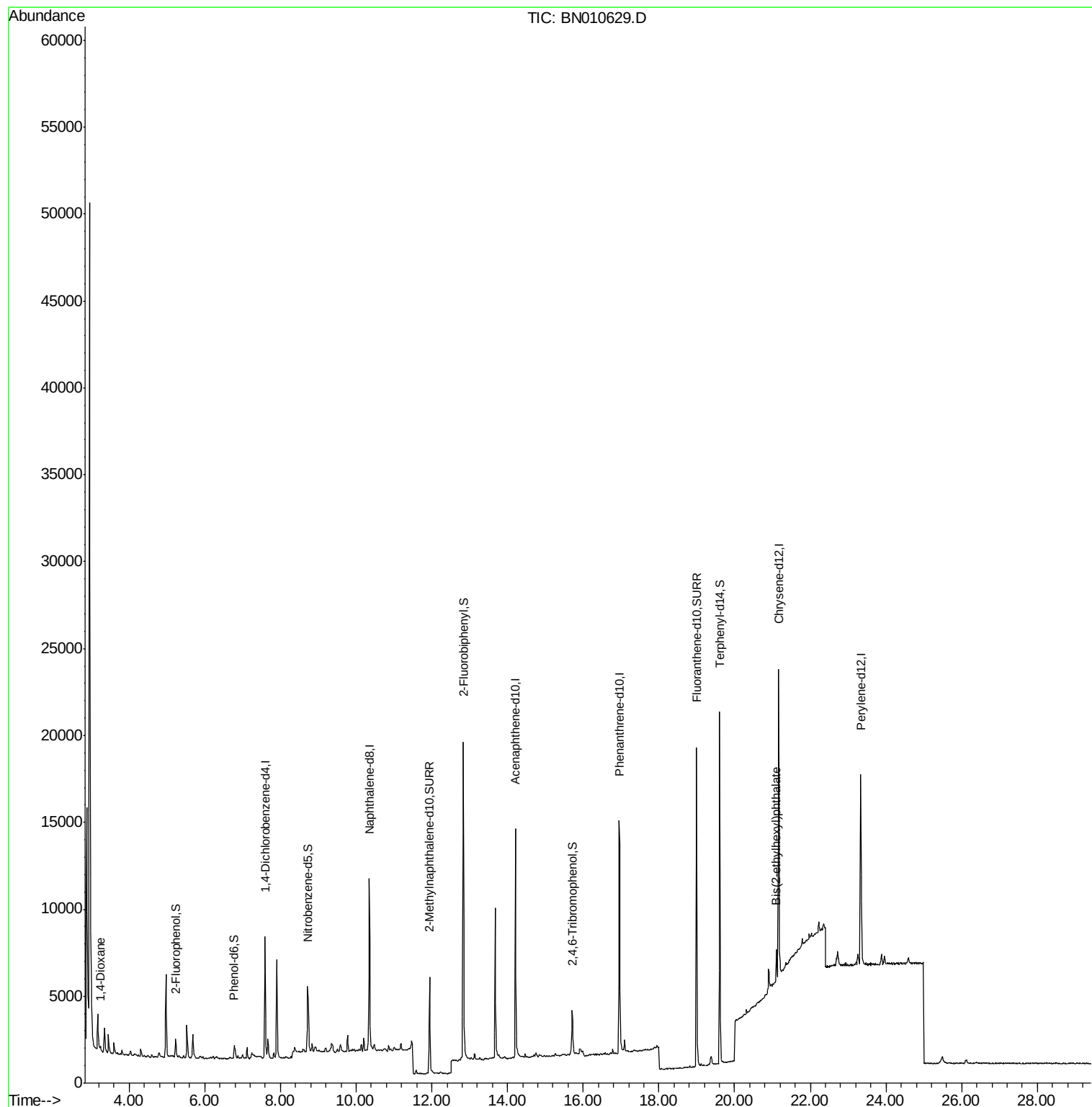
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3378	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	14185	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	9186	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	20537	0.40	ng	0.00
27) Chrysene-d12	21.16	240	16814	0.40	ng	0.00
34) Perylene-d12	23.33	264	15161	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1189	0.16	ng	0.00
5) Phenol-d6	6.78	99	880	0.09	ng	0.00
8) Nitrobenzene-d5	8.72	82	3966	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	8300	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2124	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	18158	0.54	ng	0.00
25) Fluoranthene-d10	18.99	212	21950	0.35	ng	0.00
29) Terphenyl-d14	19.61	244	21107	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	195	0.078	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.10	149	1720	0.061	ng	# 98

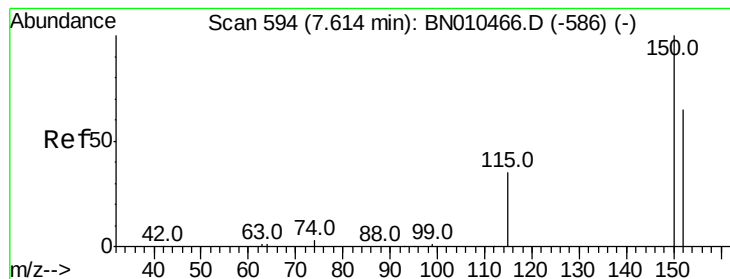
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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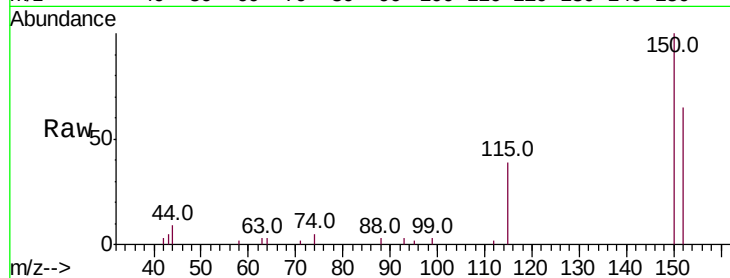


#1

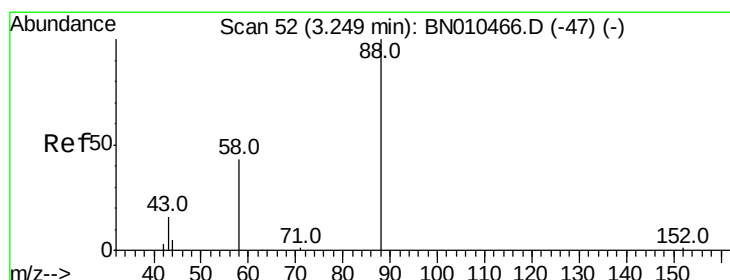
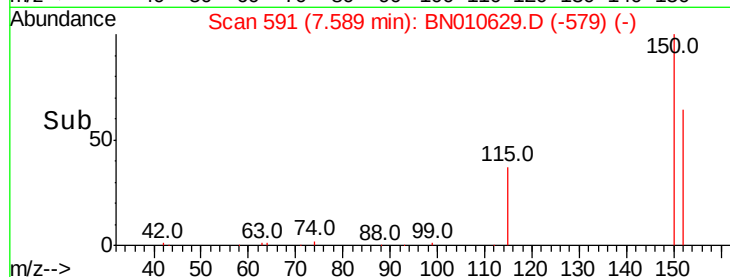
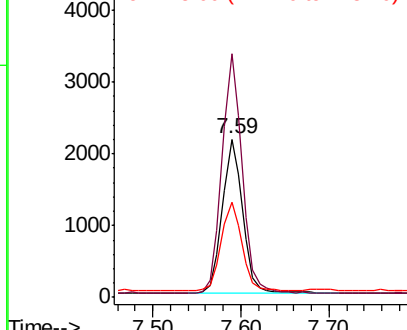
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010629.D
Acq: 28 Apr 2020 18:12

Instrument :
BNA_N
ClientSampleId :
KY038PS027-200420

Tot Ion:152 Resp: 3378
Ion Ratio Lower Upper
152 100
150 154.1 121.8 182.6
115 60.3 45.5 68.3



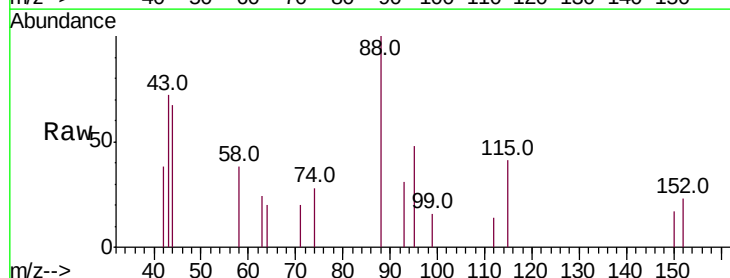
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



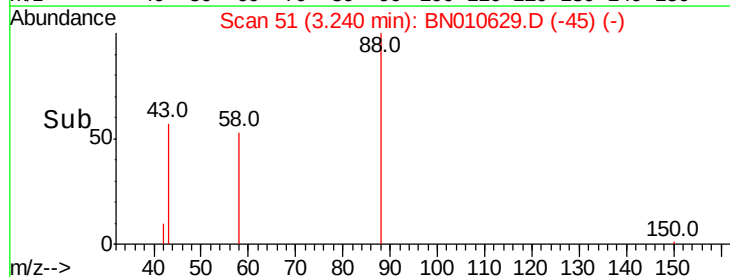
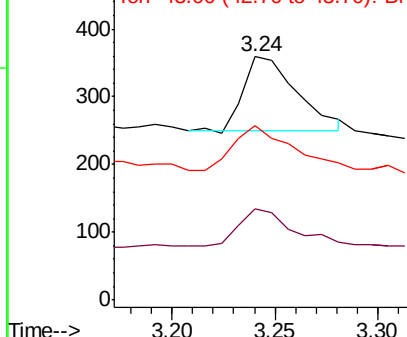
#2

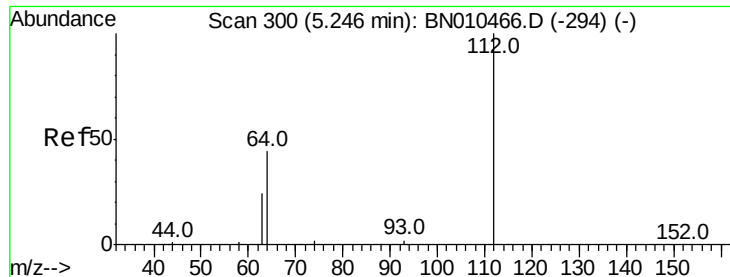
1,4-Dioxane
Concen: 0.078 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN010629.D
Acq: 28 Apr 2020 18:12

Tgt Ion: 88 Resp: 195
Ion Ratio Lower Upper
88 100
58 51.3 36.5 54.7
43 67.2 13.2 19.8#



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: 0.161 ng

RT: 5.23 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN010629.D

Acq: 28 Apr 2020 18:12

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200420

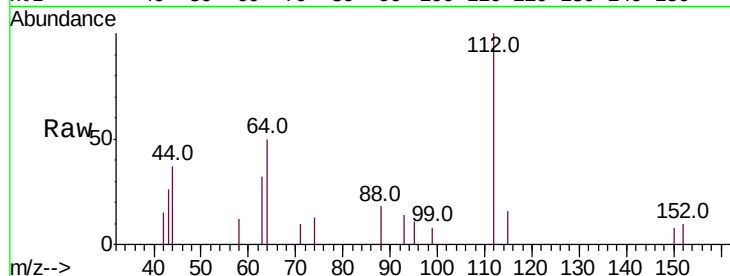
Tot Ion:112 Resp: 1189

Ion Ratio Lower Upper

112 100

64 43.3 35.8 53.8

63 25.1 19.9 29.9



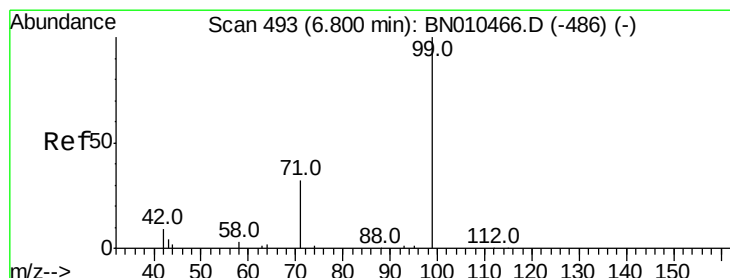
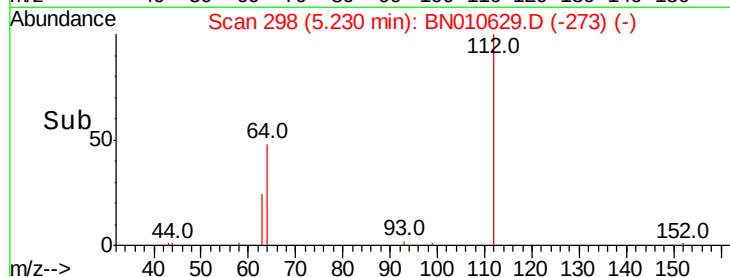
Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

5.23

Time-->



#5

Phenol-d6

Concen: 0.091 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010629.D

Acq: 28 Apr 2020 18:12

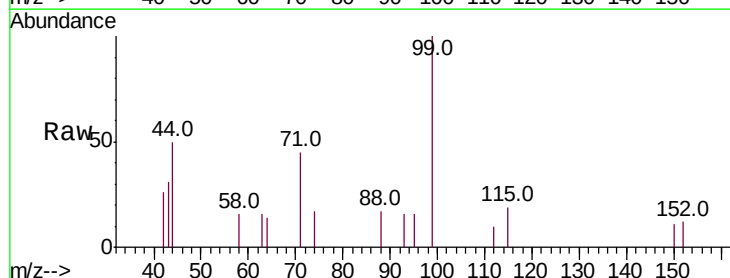
Tgt Ion: 99 Resp: 880

Ion Ratio Lower Upper

99 100

42 15.7 9.8 14.6#

71 39.5 27.8 41.8



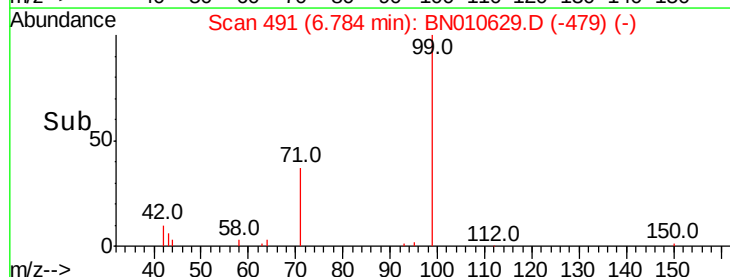
Abundance Ion 99.00 (98.70 to 99.70): BNC

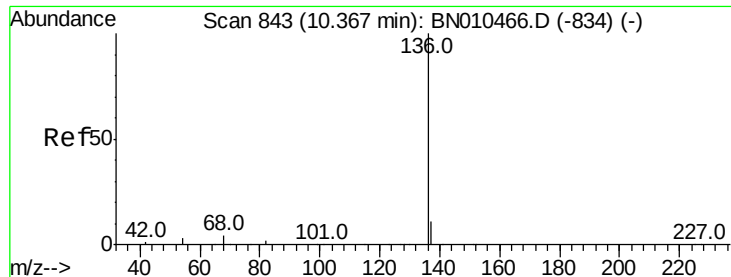
Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

6.78

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010629.D

Acq: 28 Apr 2020 18:12

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200420

Tot Ion:136 Resp: 14185

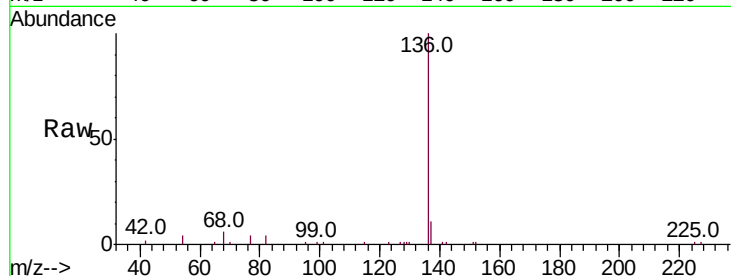
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 4.4 2.6 4.0#

68 5.6 3.4 5.2#

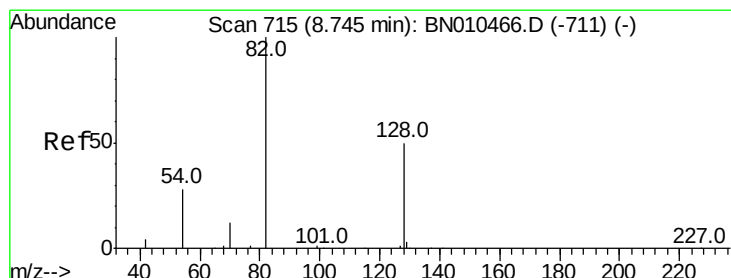
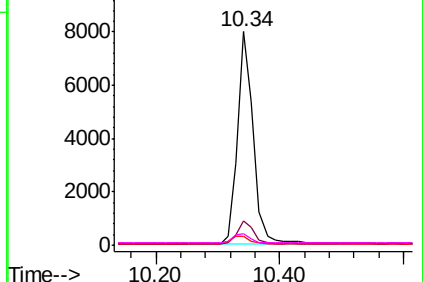
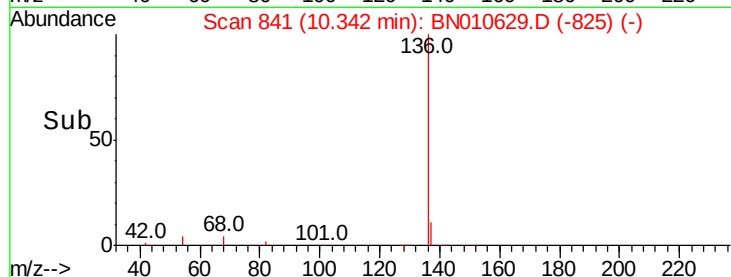


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.400 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010629.D

Acq: 28 Apr 2020 18:12

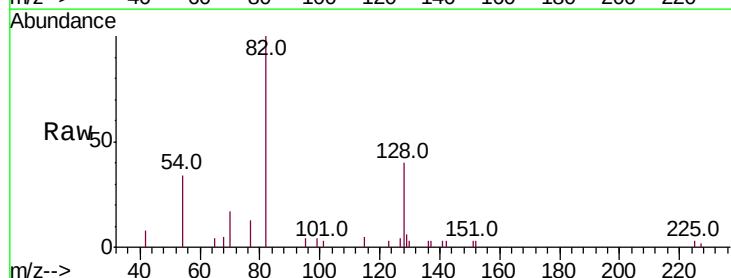
Tgt Ion: 82 Resp: 3966

Ion Ratio Lower Upper

82 100

128 40.2 41.3 61.9#

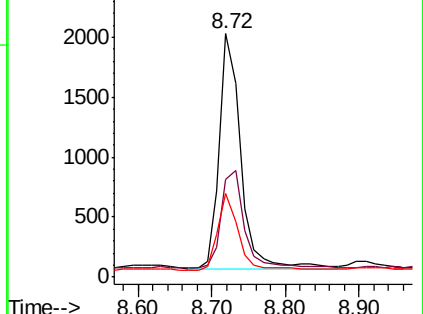
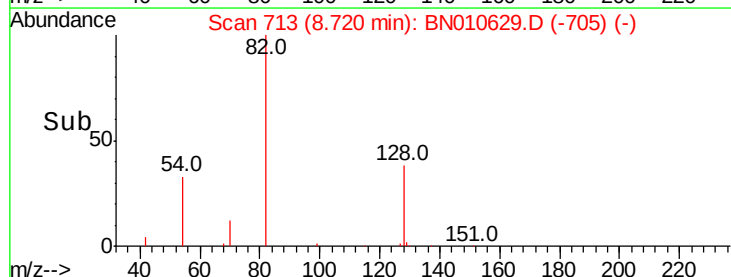
54 34.3 23.4 35.0

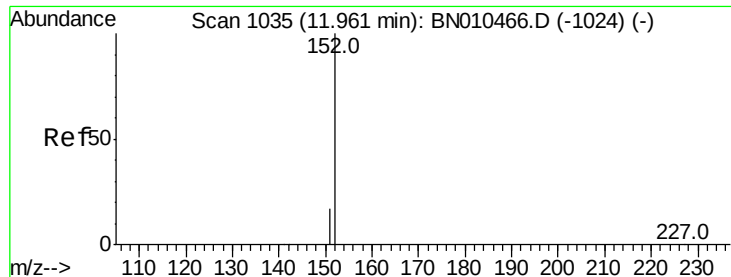


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

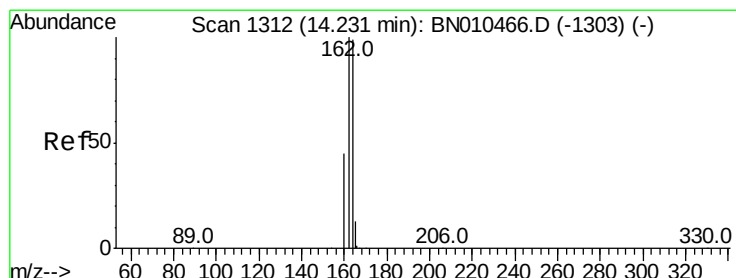
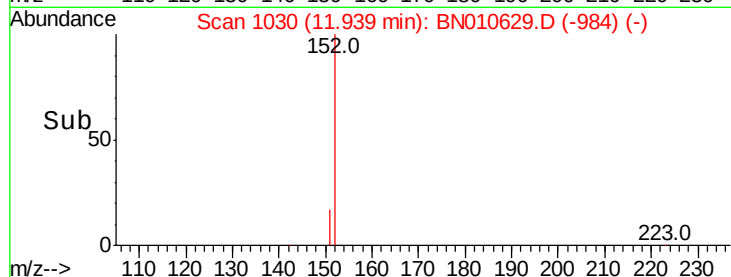
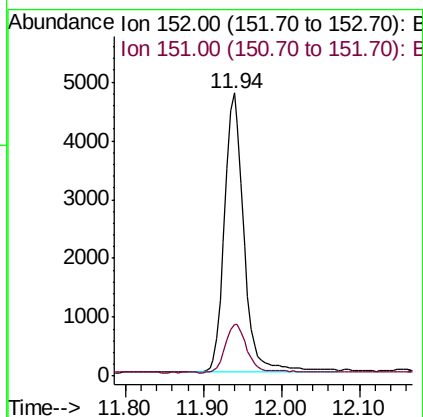
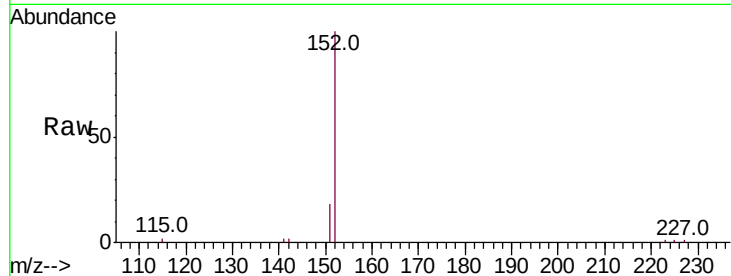




#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN010629.D
Acq: 28 Apr 2020 18:12

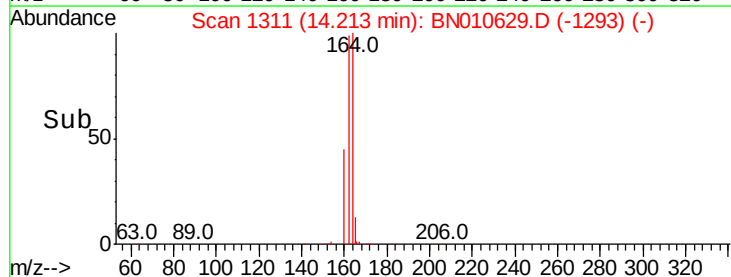
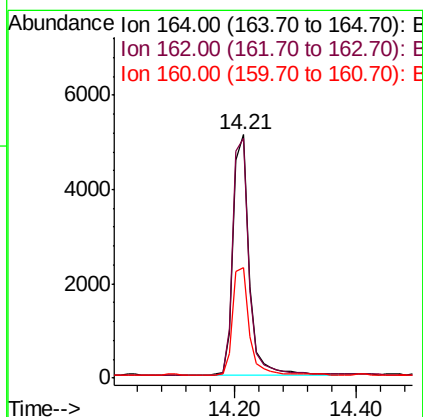
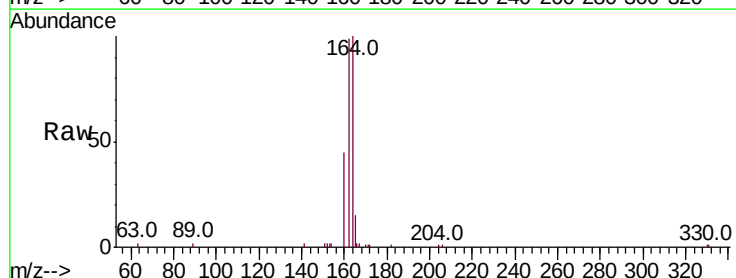
Instrument :
BNA_N
ClientSampleId :
KY038PS027-200420

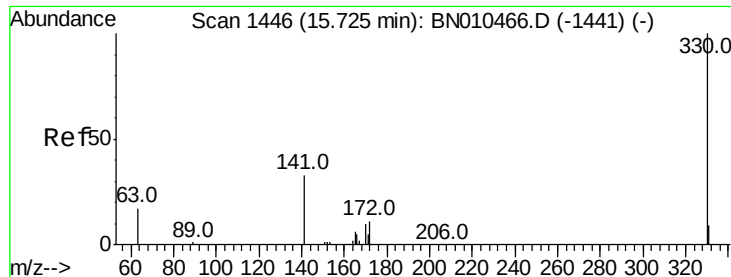
Tot Ion:152 Resp: 8300
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN010629.D
Acq: 28 Apr 2020 18:12

Tgt Ion:164 Resp: 9186
Ion Ratio Lower Upper
164 100
162 98.7 80.6 121.0
160 45.5 36.5 54.7

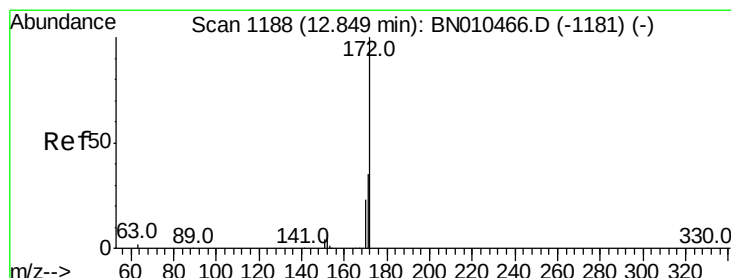
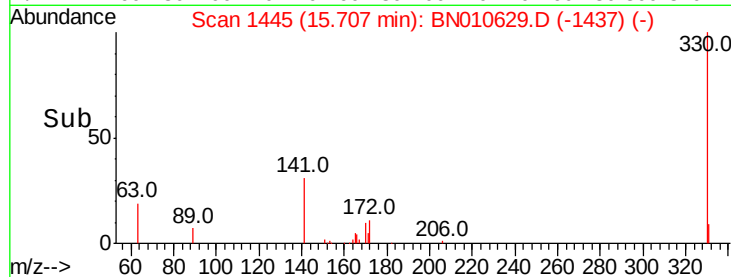
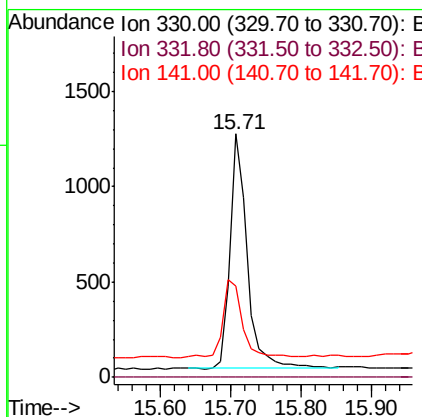
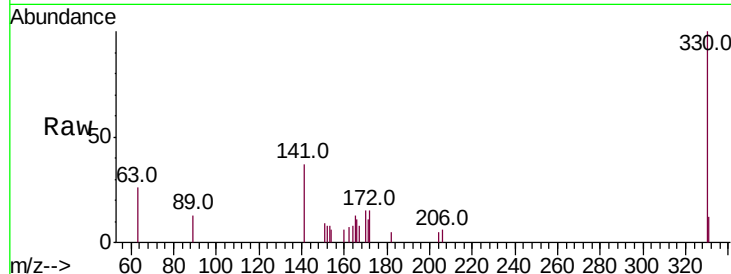




#14
 2,4,6-Tribromophenol
 Concen: 0.491 ng
 RT: 15.71 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BN010629.D
 Acq: 28 Apr 2020 18:12

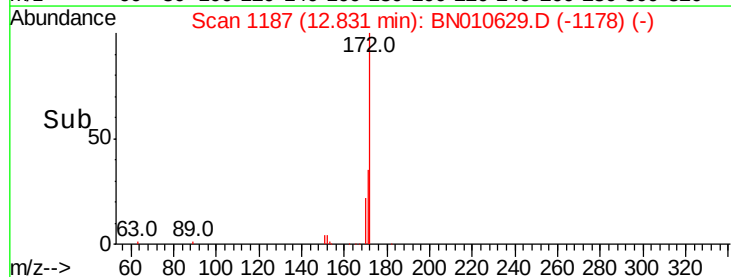
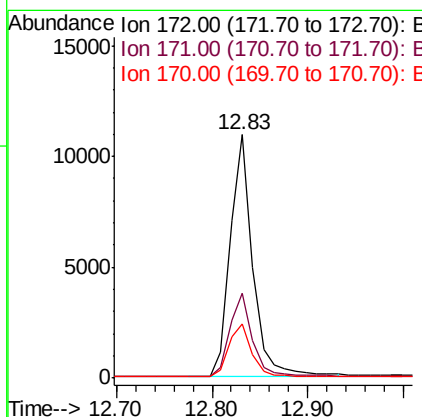
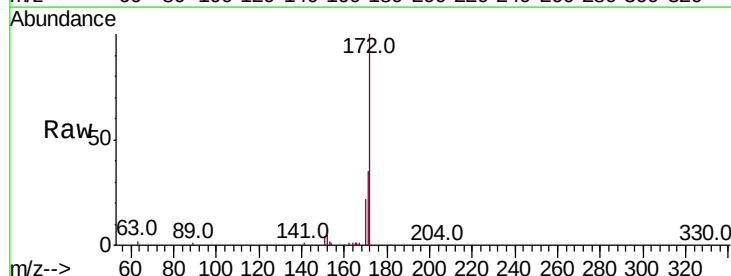
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200420

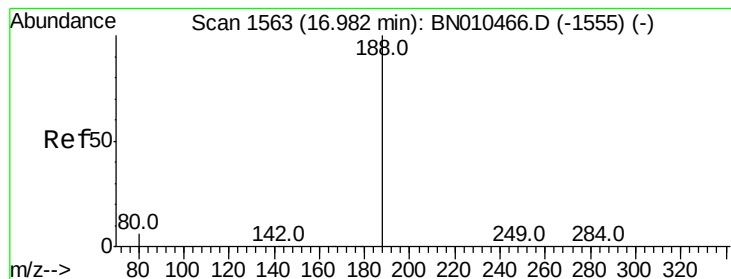
Tot Ion:330 Resp: 2124
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.6 28.1 42.1



#15
 2-Fluorobiphenyl
 Concen: 0.543 ng
 RT: 12.83 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BN010629.D
 Acq: 28 Apr 2020 18:12

Tgt Ion:172 Resp: 18158
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.2 42.2
 170 22.2 18.4 27.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010629.D

Acq: 28 Apr 2020 18:12

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200420

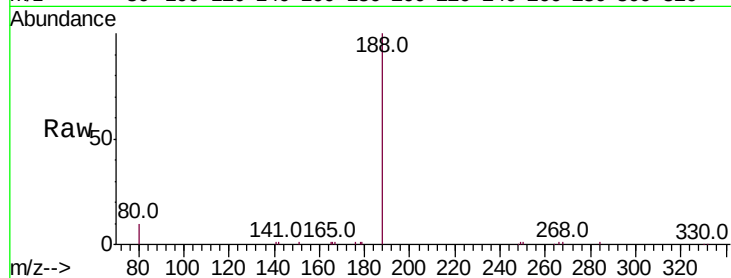
Tot Ion:188 Resp: 20537

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

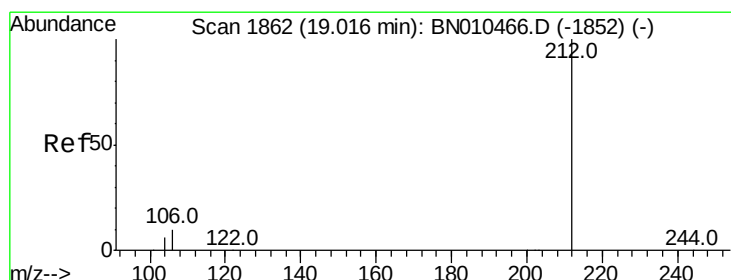
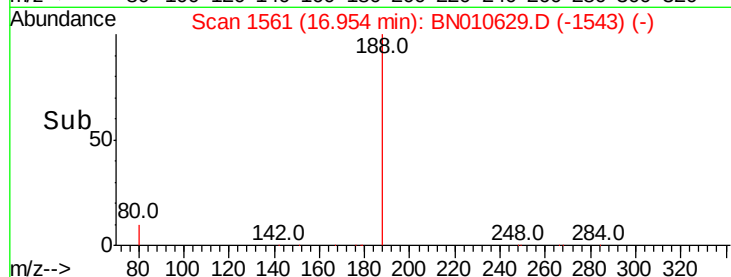
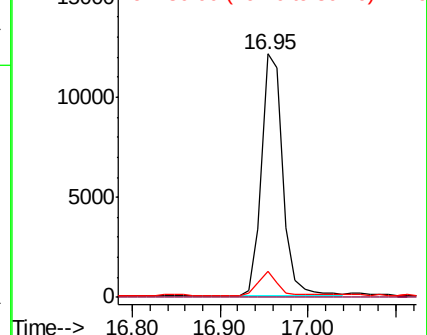
80 10.5 5.0 7.6#



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: 0.352 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BN010629.D

Acq: 28 Apr 2020 18:12

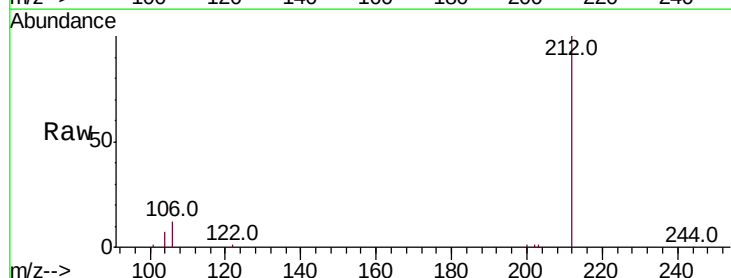
Tgt Ion:212 Resp: 21950

Ion Ratio Lower Upper

212 100

106 10.4 7.8 11.6

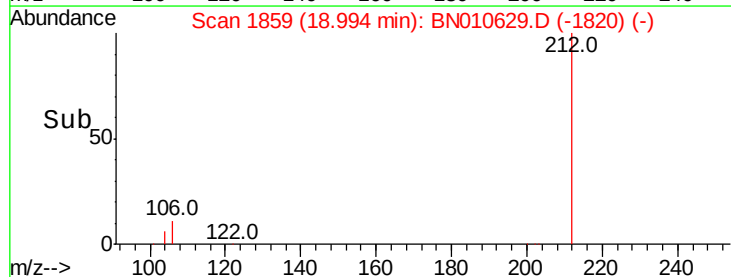
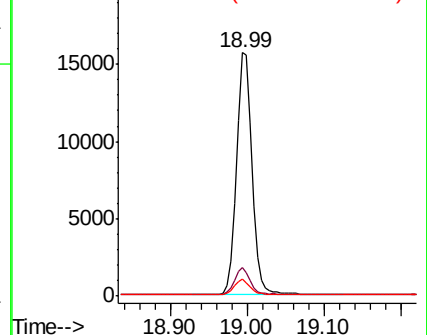
104 5.8 4.5 6.7

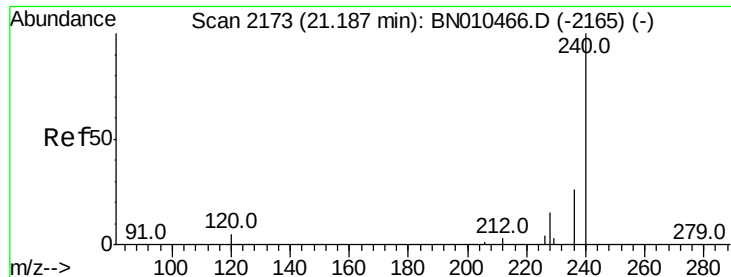


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010629.D

Acq: 28 Apr 2020 18:12

Instrument :

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KY038PS027-200420

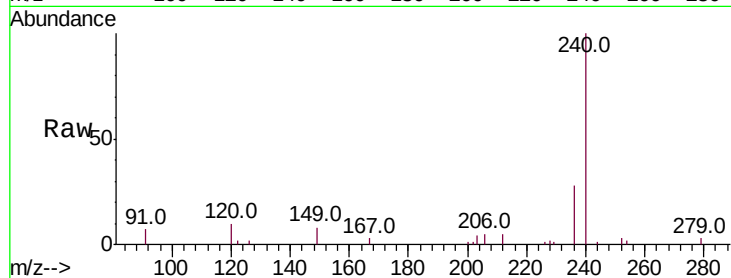
Tot Ion:240 Resp: 16814

Ion Ratio Lower Upper

240 100

120 9.6 4.8 7.2#

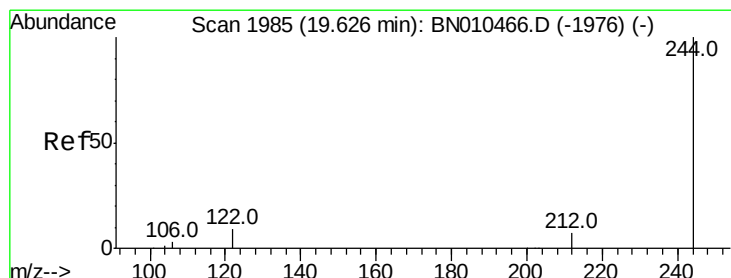
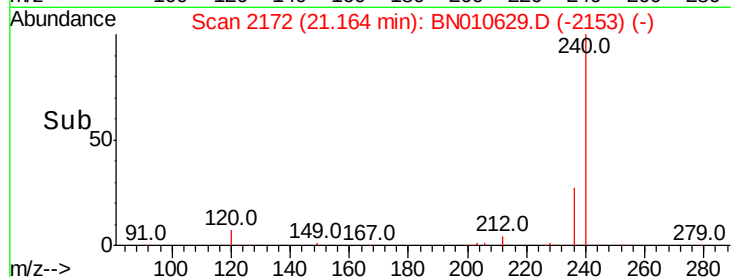
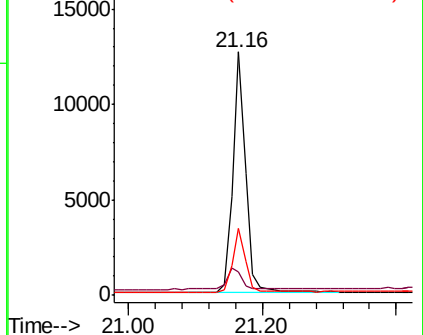
236 27.6 21.4 32.0



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: 0.548 ng

RT: 19.61 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BN010629.D

Acq: 28 Apr 2020 18:12

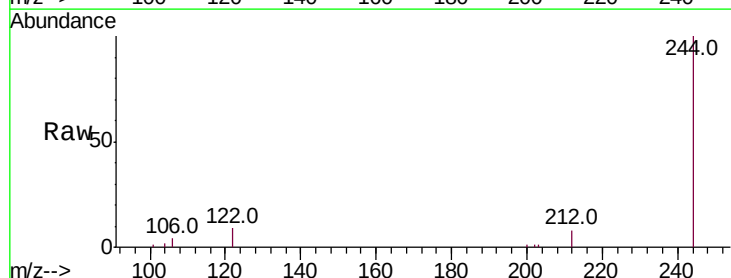
Tgt Ion:244 Resp: 21107

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

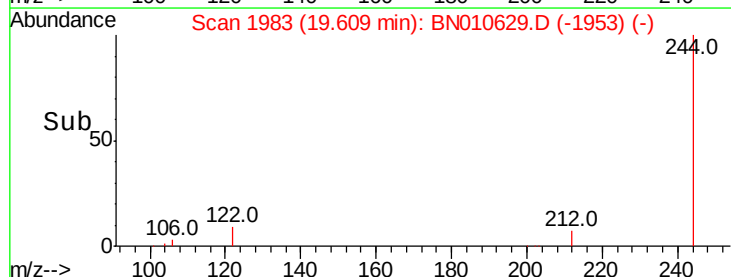
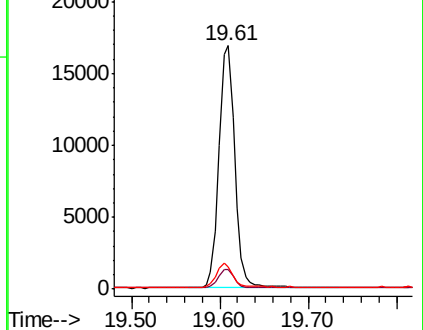
122 9.3 7.8 11.8

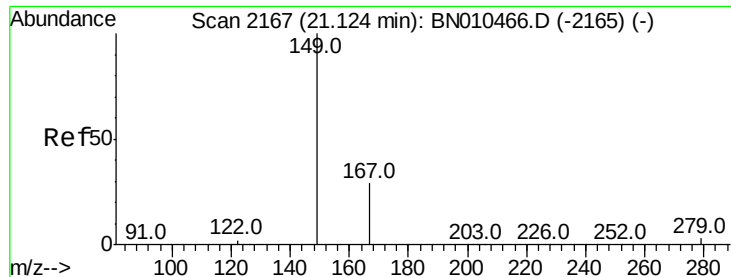


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

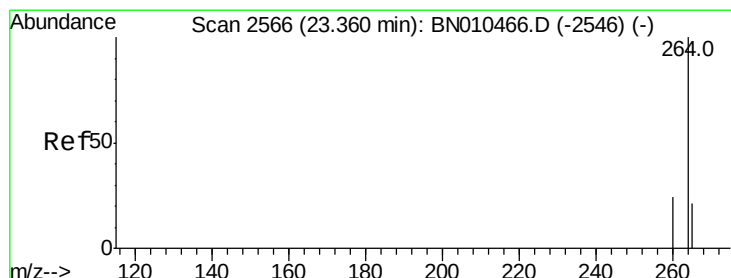
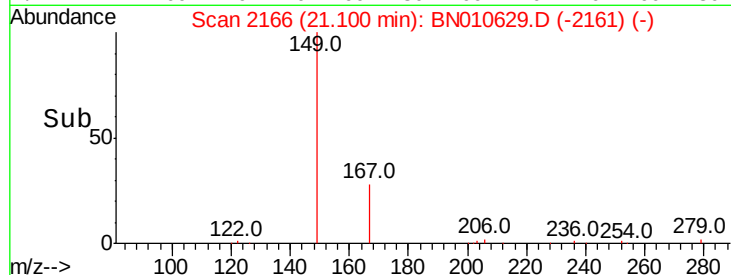
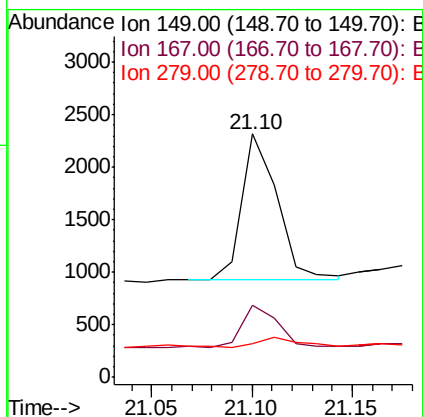
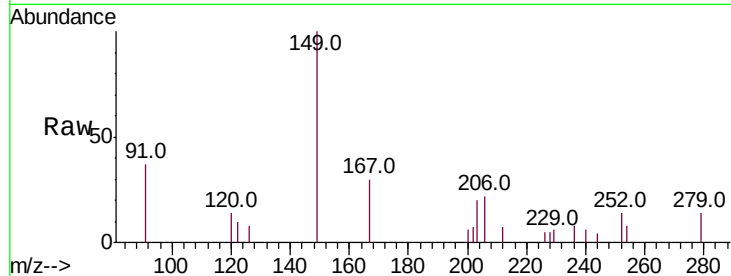




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BN010629.D
 Acq: 28 Apr 2020 18:12

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200420

Tot Ion:149 Resp: 1720
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.4 35.0
 279 7.4 4.0 6.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.33 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BN010629.D
 Acq: 28 Apr 2020 18:12

Tgt Ion:264 Resp: 15161
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.8
 265 75.9 42.3 63.5#

