

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006625.D
 Acq On : 28 Jun 2019 22:10
 Operator : HP/JU
 Sample : K3427-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-190617

Quant Time: Jun 29 01:38:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

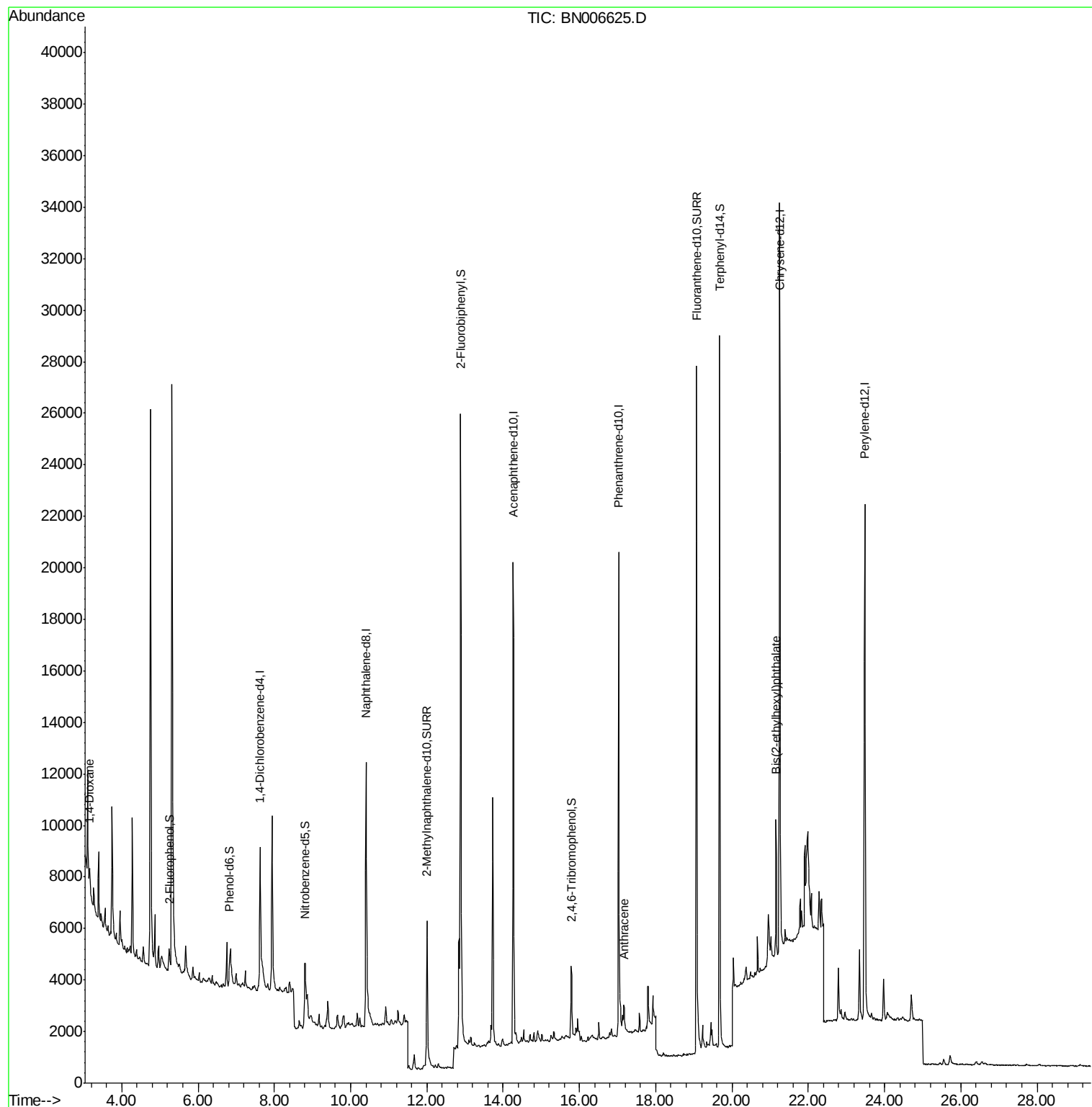
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4188	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	17707	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	11984	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	28093	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	28261	0.40	ng	-0.02
34) Perylene-d12	23.48	264	27385	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1376	0.13	ng	0.00
5) Phenol-d6	6.82	99	1268	0.09	ng	0.00
8) Nitrobenzene-d5	8.81	82	4699	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.00	152	10011	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	1936	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	25238	0.57	ng	-0.01
25) Fluoranthene-d10	19.07	212	30901	0.37	ng	0.00
29) Terphenyl-d14	19.68	244	29328	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.17	88	563	0.097	ng	Qvalue # 9
24) Anthracene	17.16	178	1485	0.021	ng	94
32) Bis(2-ethylhexyl)phthalate	21.15	149	5144	0.111	ng	100

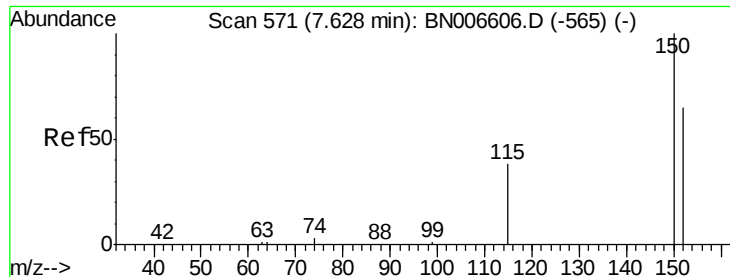
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
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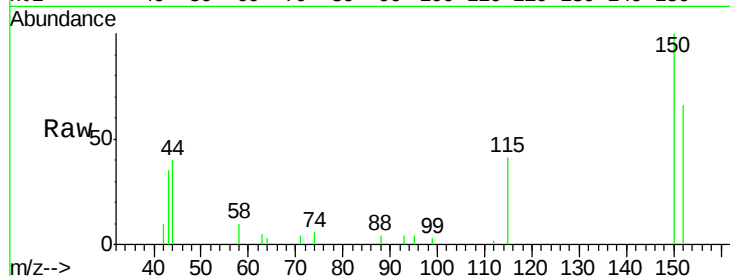


#1

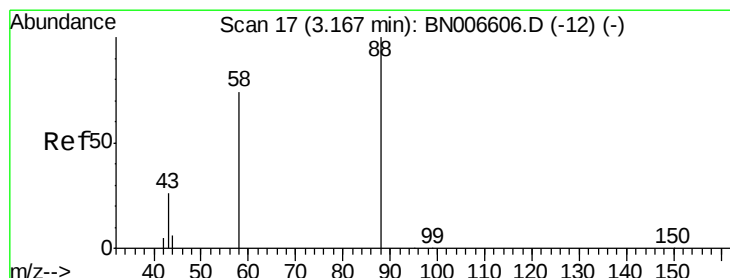
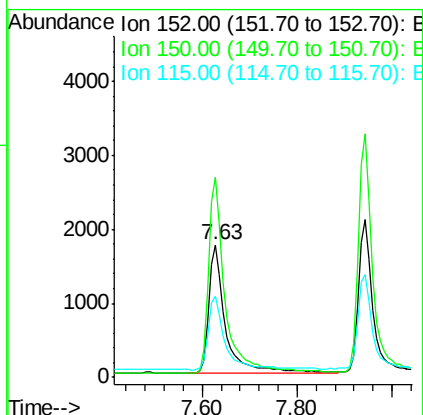
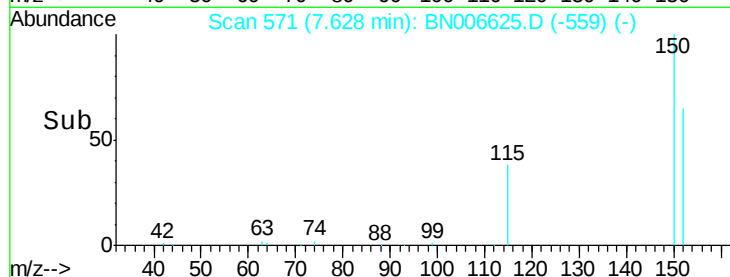
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:152 Resp: 4188
Ion Ratio Lower Upper
152 100
150 151.4 122.2 183.2
115 61.5 50.0 75.0



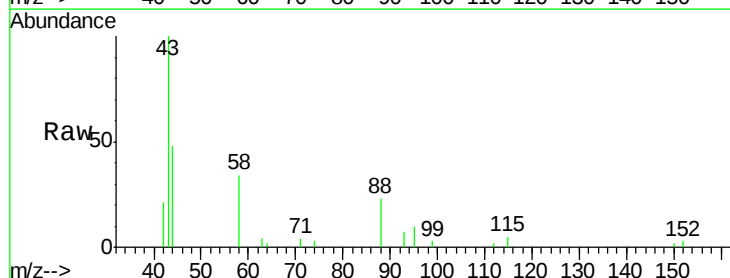
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



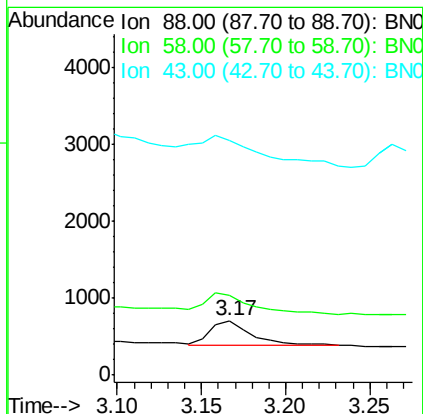
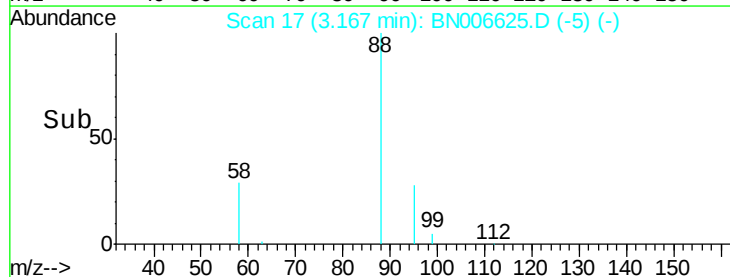
#2

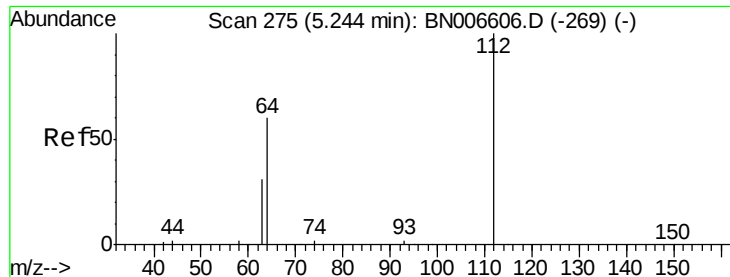
1,4-Dioxane
Concen: 0.097 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion: 88 Resp: 563
Ion Ratio Lower Upper
88 100
58 95.0 62.5 93.7#
43 180.5 25.4 38.0#



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: 0.134 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

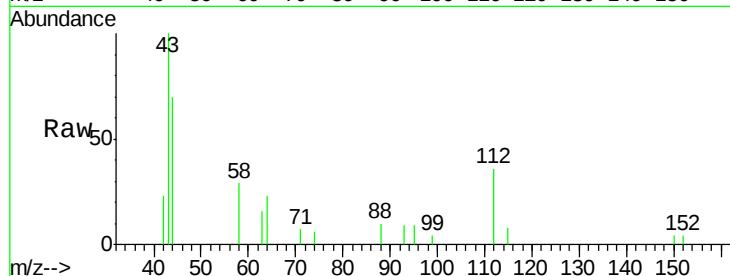
Tgt Ion: 112 Resp: 1376

Ion Ratio Lower Upper

112 100

64 70.5 48.9 73.3

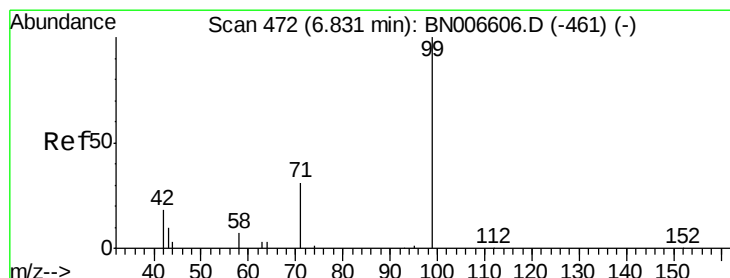
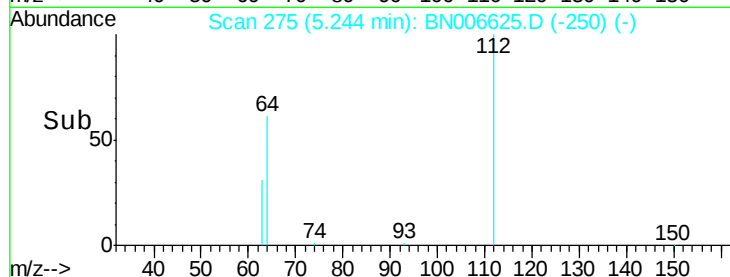
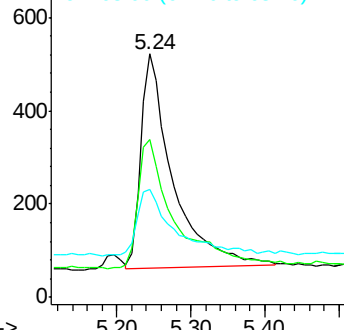
63 37.9 24.3 36.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.093 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

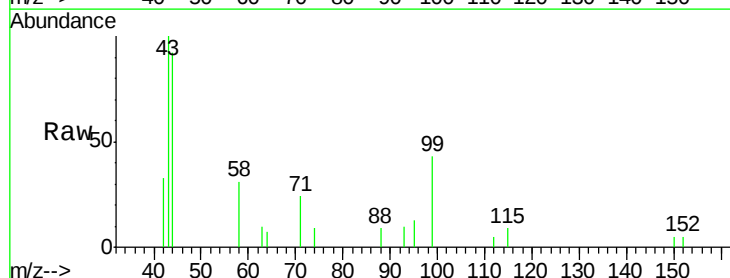
Tgt Ion: 99 Resp: 1268

Ion Ratio Lower Upper

99 100

42 30.4 16.4 24.6#

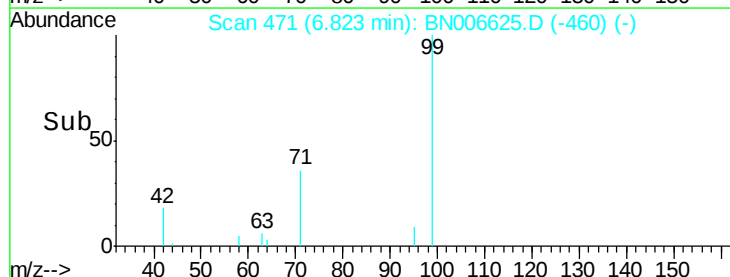
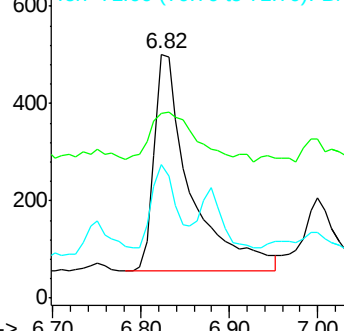
71 25.8 26.6 40.0#

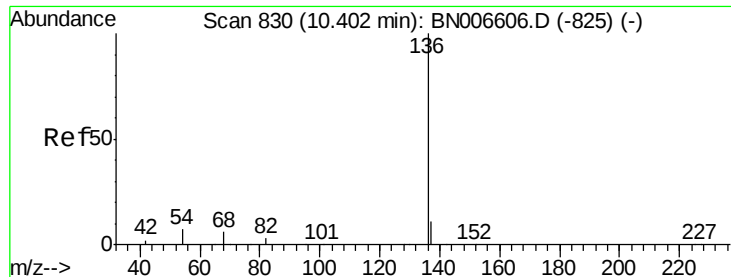


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

Tgt Ion:136 Resp: 17707

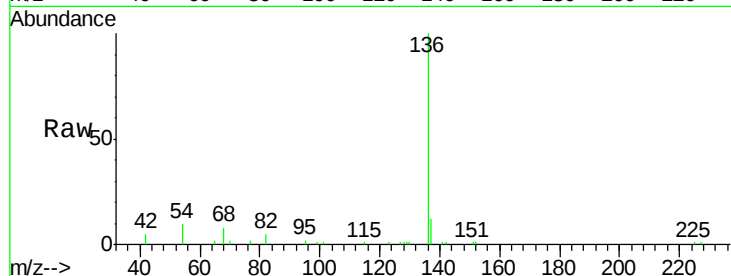
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 9.5 6.7 10.1

68 7.6 5.3 7.9

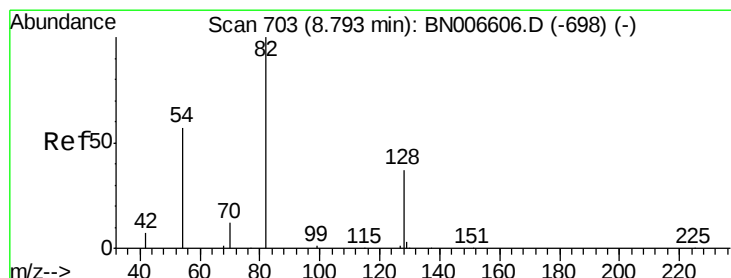
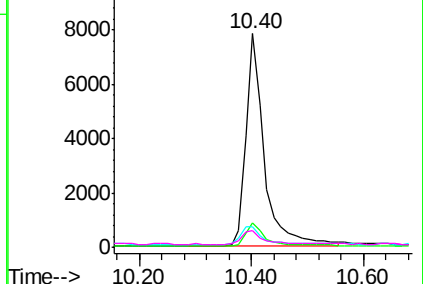
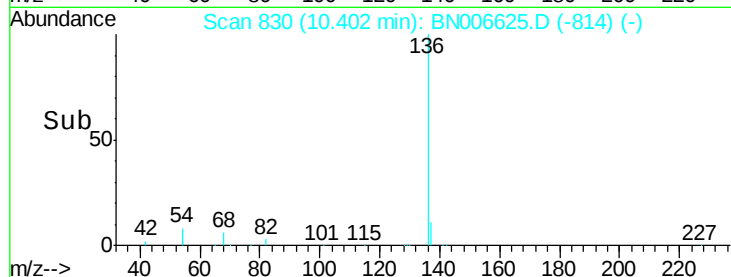


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

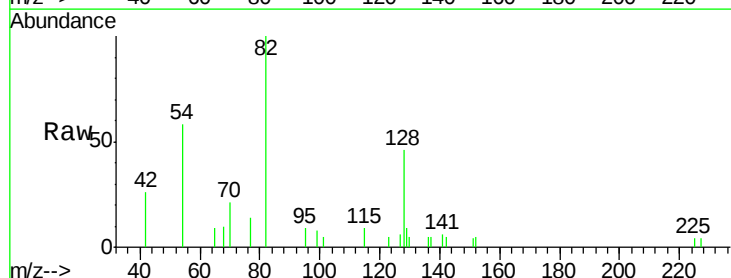
Tgt Ion: 82 Resp: 4699

Ion Ratio Lower Upper

82 100

128 45.8 32.6 49.0

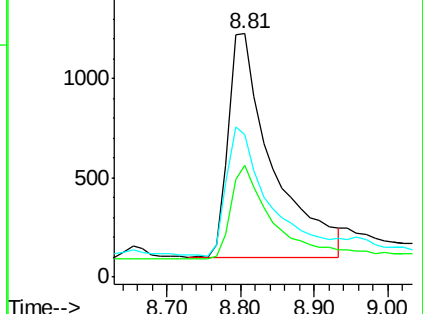
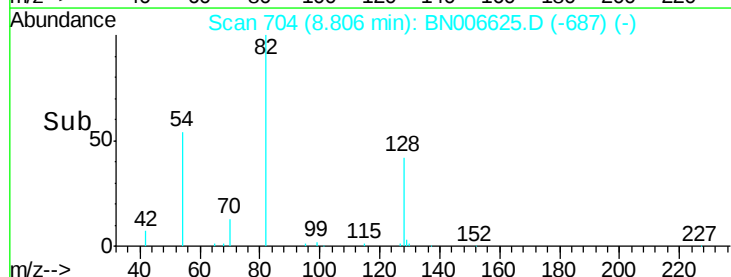
54 58.4 48.2 72.4

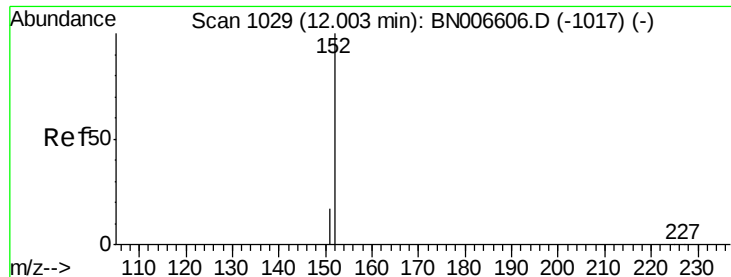


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

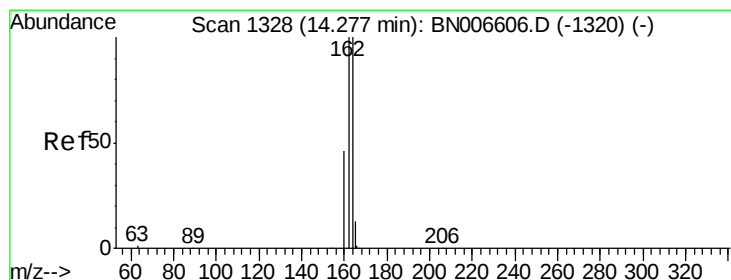
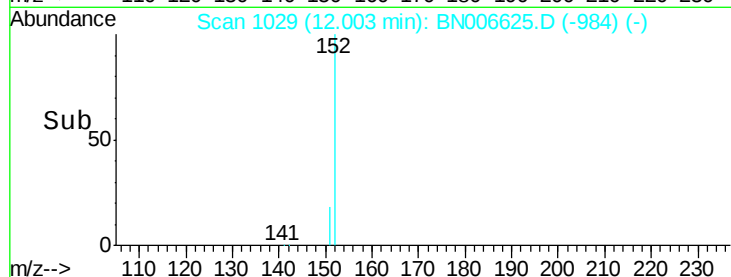
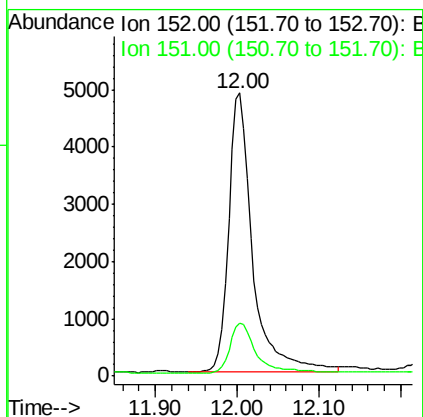
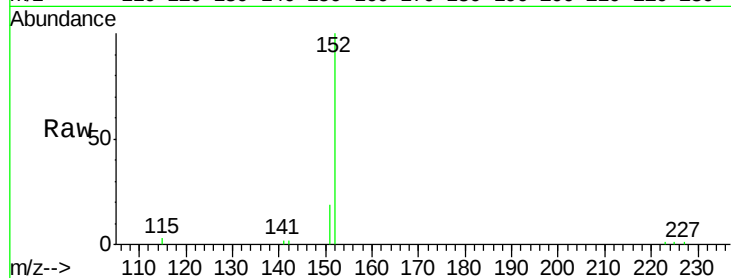




#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.00 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

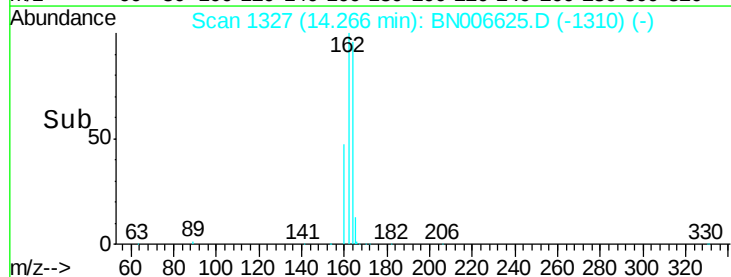
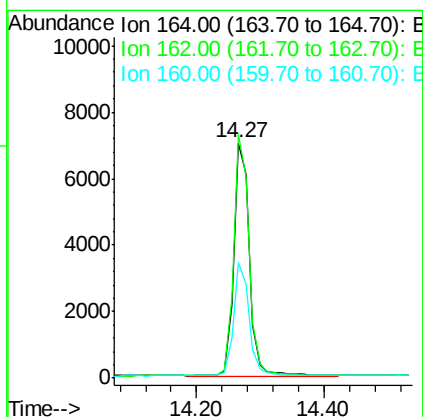
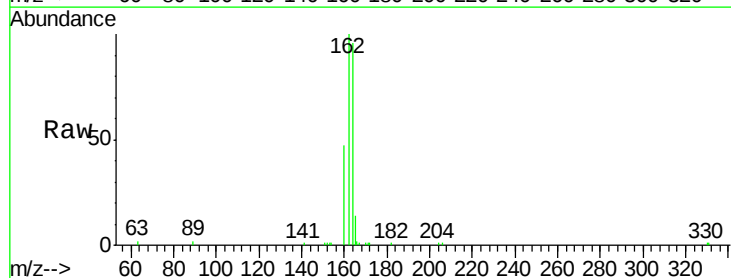
Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

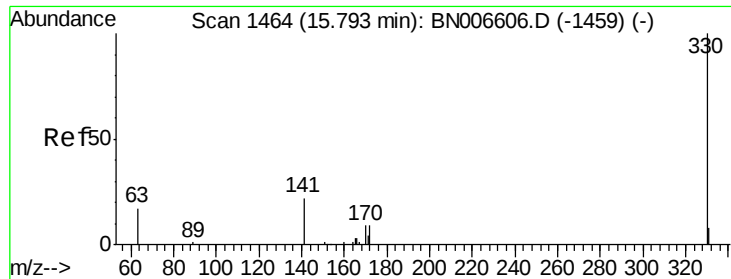
Tgt Ion:152 Resp: 10011
Ion Ratio Lower Upper
152 100
151 19.7 15.0 22.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:164 Resp: 11984
Ion Ratio Lower Upper
164 100
162 103.7 80.0 120.0
160 49.1 37.0 55.4

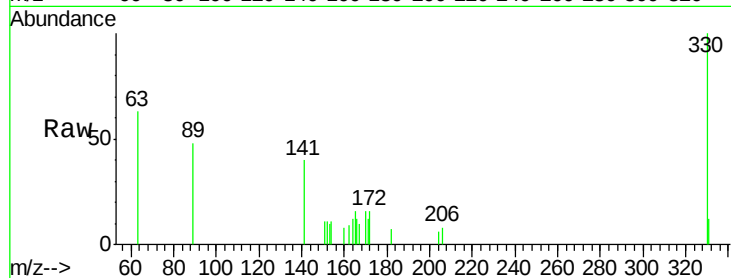




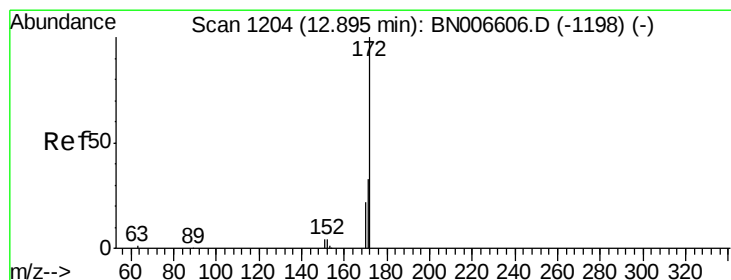
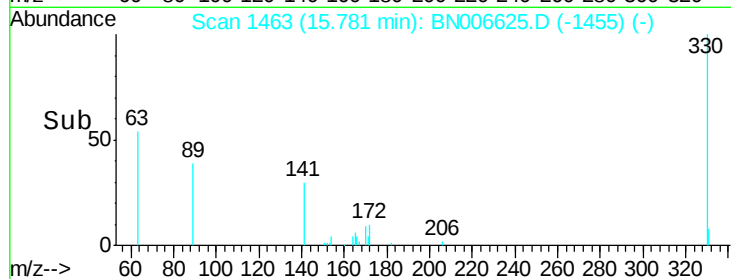
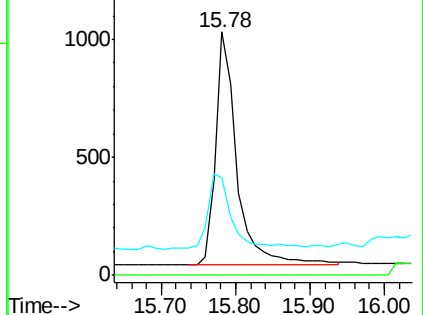
#14
 2,4,6-Tribromophenol
 Concen: 0.343 ng
 RT: 15.78 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BN006625.D
 Acq: 28 Jun 2019 22:10

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-190617

Tgt Ion: 330 Resp: 1936
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.7 26.5 39.7

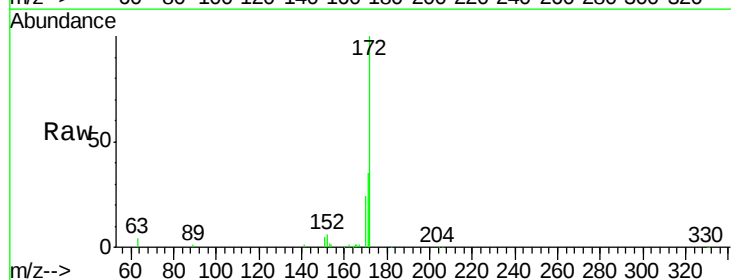


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

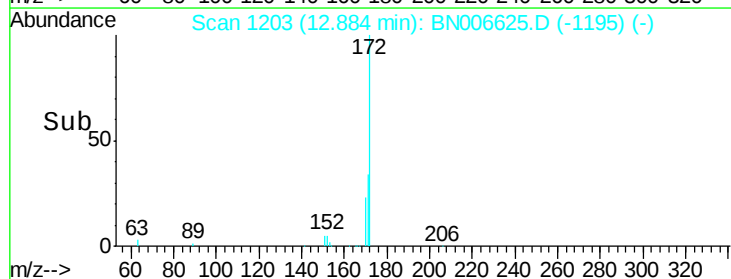
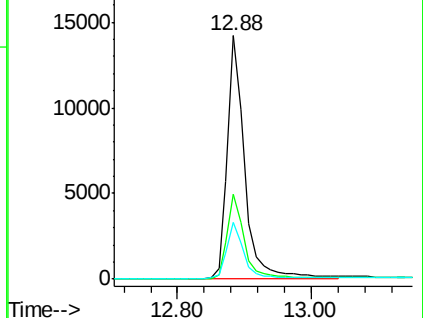


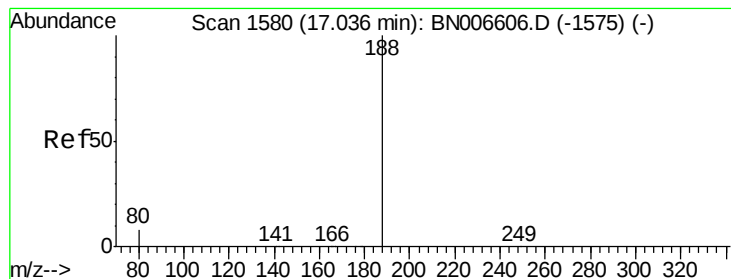
#15
 2-Fluorobiphenyl
 Concen: 0.568 ng
 RT: 12.88 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BN006625.D
 Acq: 28 Jun 2019 22:10

Tgt Ion: 172 Resp: 25238
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.0 40.4
 170 23.6 17.7 26.5



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: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

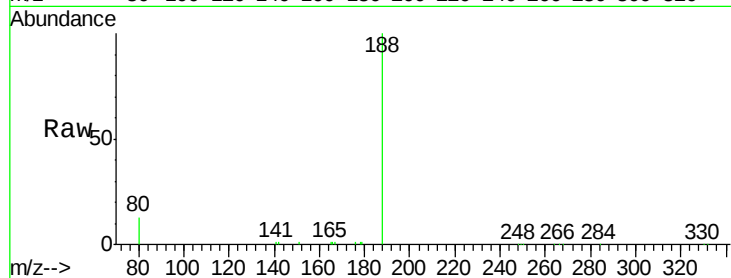
Tgt Ion:188 Resp: 28093

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

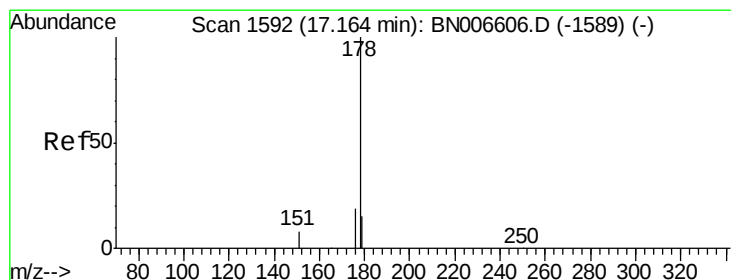
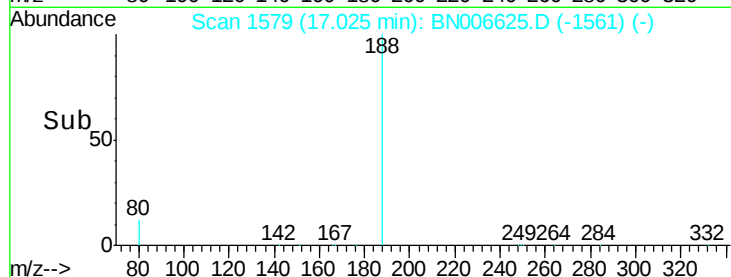
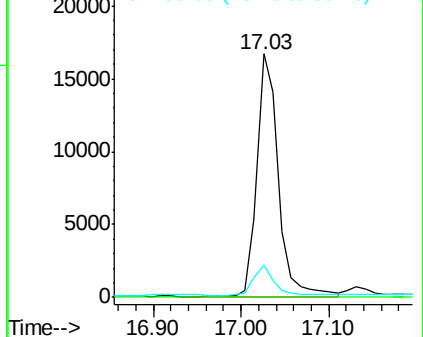
80 13.1 7.1 10.7#



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



#24

Anthracene

Concen: 0.021 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

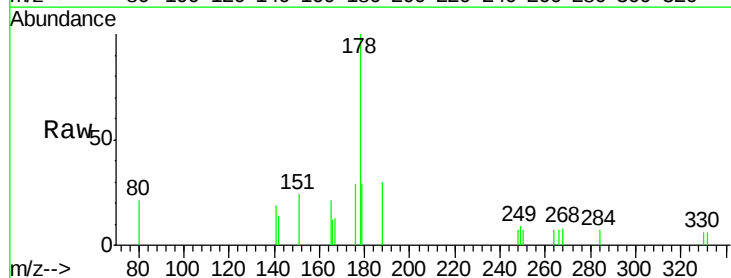
Tgt Ion:178 Resp: 1485

Ion Ratio Lower Upper

178 100

176 22.4 15.0 22.4

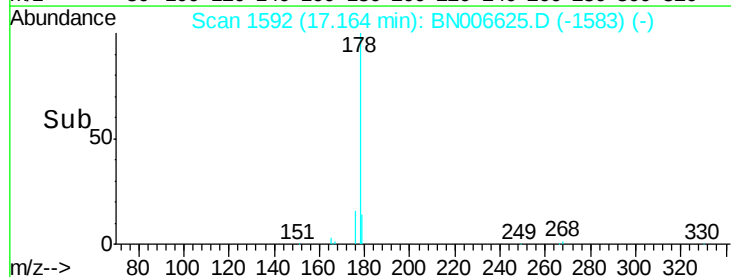
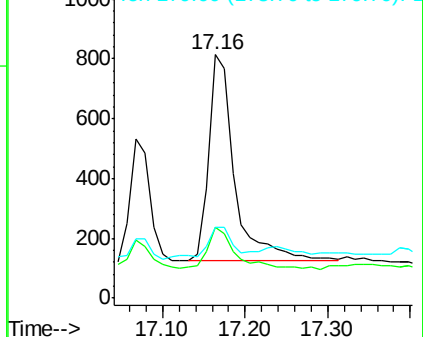
179 16.2 12.2 18.2

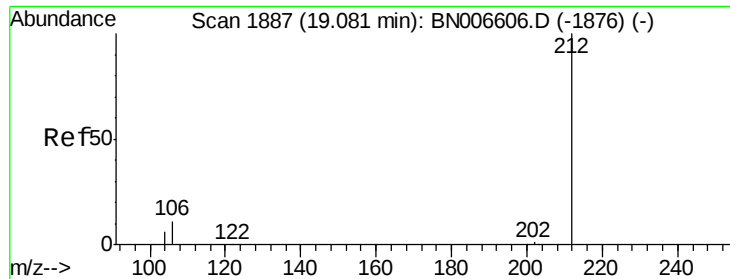


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

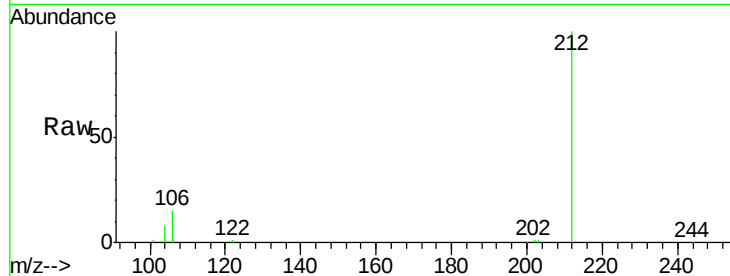
Tgt Ion:212 Resp: 30901

Ion Ratio Lower Upper

212 100

106 13.6 10.6 15.8

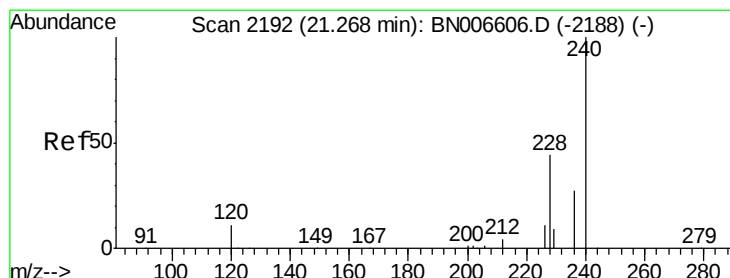
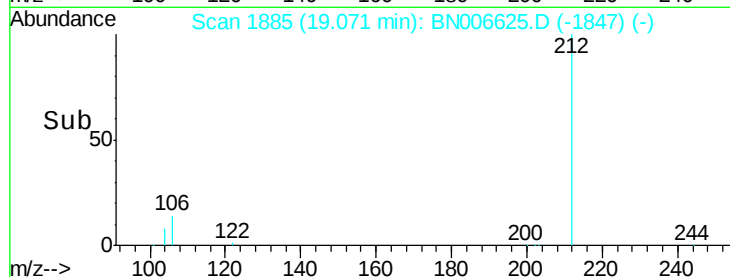
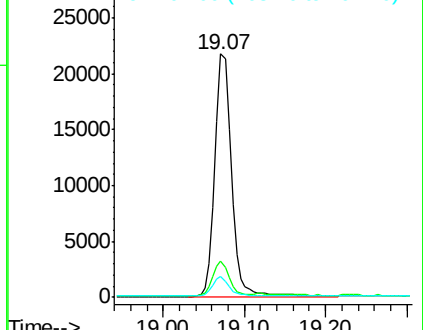
104 7.6 5.8 8.6



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: 21.25 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

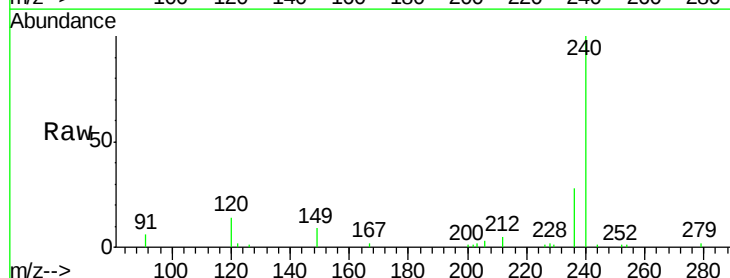
Tgt Ion:240 Resp: 28261

Ion Ratio Lower Upper

240 100

120 13.8 9.9 14.9

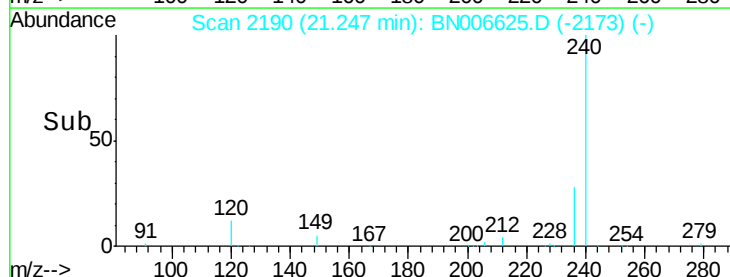
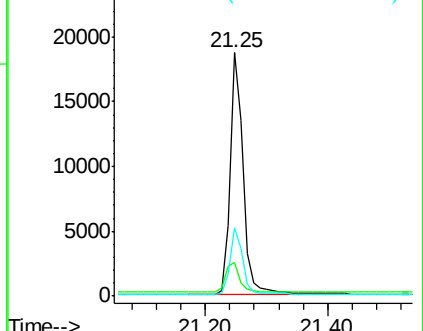
236 28.1 22.2 33.4

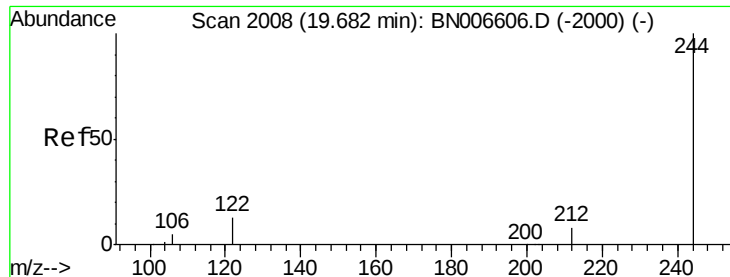


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.495 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

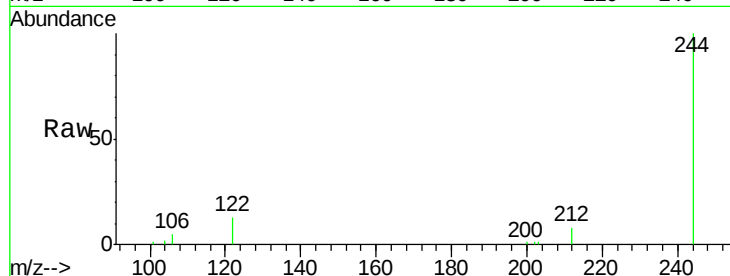
Tgt Ion:244 Resp: 29328

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

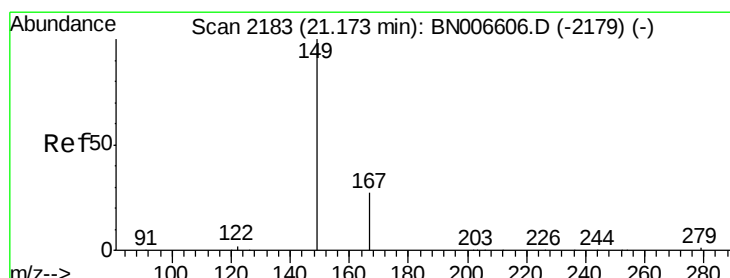
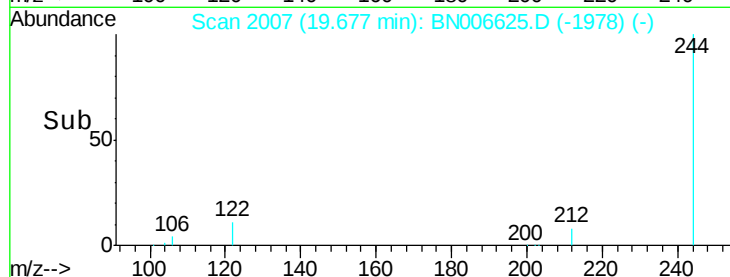
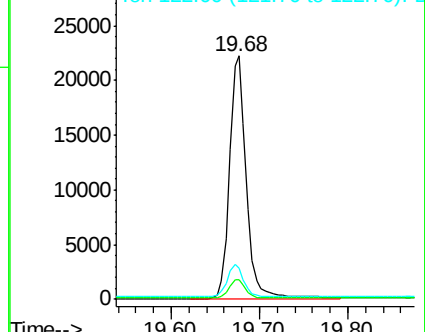
122 12.8 11.0 16.6



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: 0.111 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

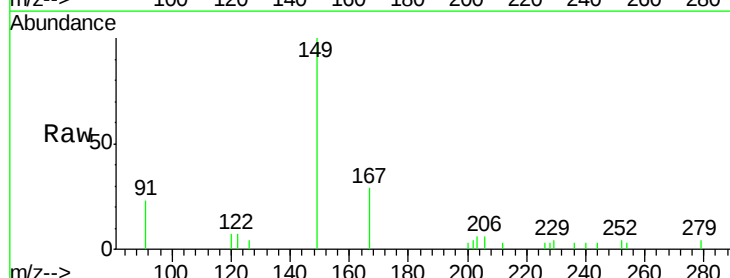
Tgt Ion:149 Resp: 5144

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

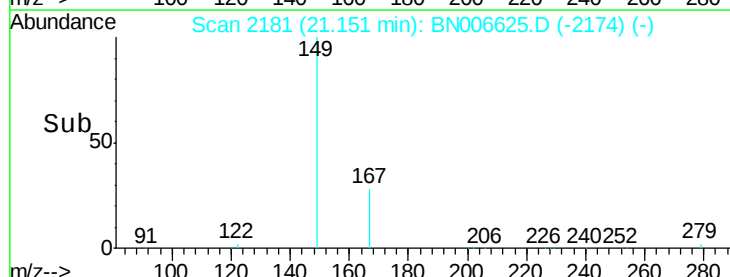
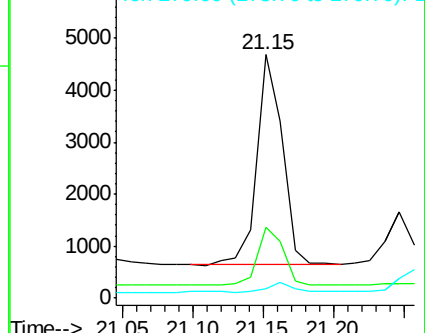
279 4.0 3.3 4.9

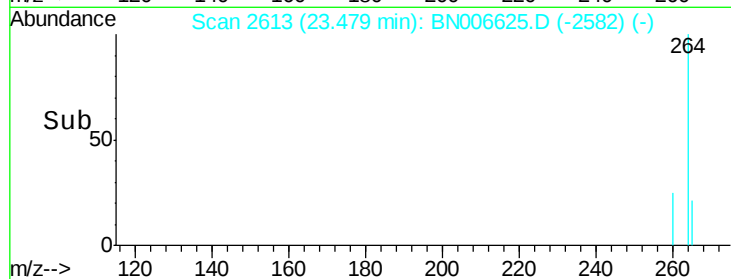
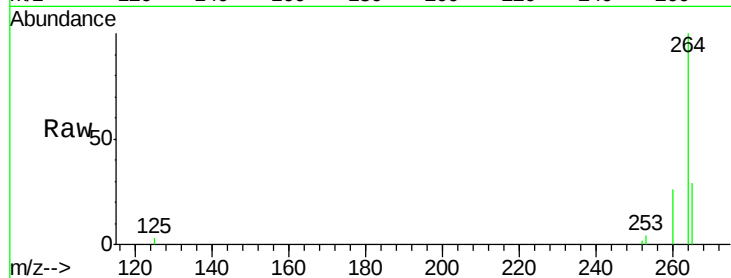
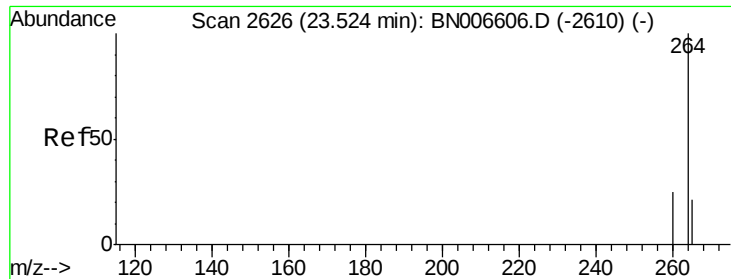


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.48 min Scan# 2613

Delta R.T. -0.04 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

Tgt Ion: 264 Resp: 27385

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 29.1 23.3 34.9

