

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006629.D
 Acq On : 29 Jun 2019 00:29
 Operator : HP/JU
 Sample : K3473-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-2

Quant Time: Jun 29 01:44:07 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

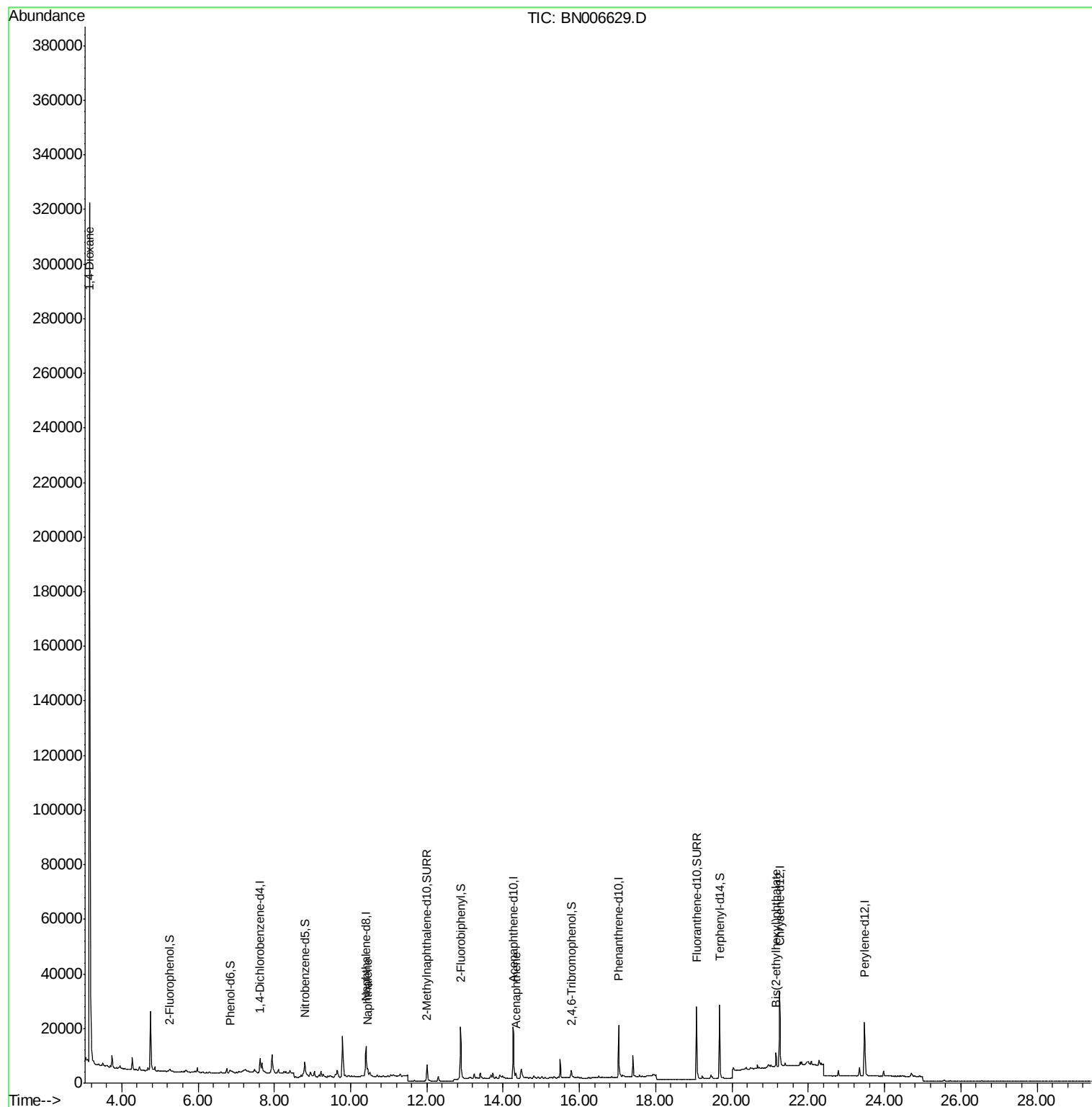
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4089	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	17967	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	12107	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	27540	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	27154	0.40	ng	-0.02
34) Perylene-d12	23.48	264	26996	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1772	0.18	ng	0.00
5) Phenol-d6	6.83	99	1470	0.11	ng	0.00
8) Nitrobenzene-d5	8.79	82	4566	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	10705	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	2434	0.43	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	19668	0.44	ng	-0.01
25) Fluoranthene-d10	19.07	212	31321	0.39	ng	0.00
29) Terphenyl-d14	19.68	244	29118	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	203673	35.994	ng	99
9) Naphthalene	10.45	128	1680	0.036	ng	# 56
17) Acenaphthene	14.33	154	799	0.021	ng	96
32) Bis(2-ethylhexyl)phthalate	21.15	149	4667	0.104	ng	99

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

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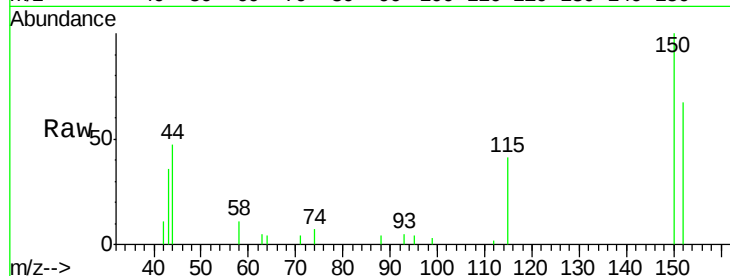


#1

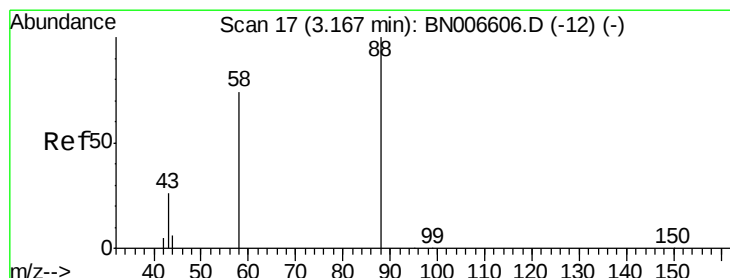
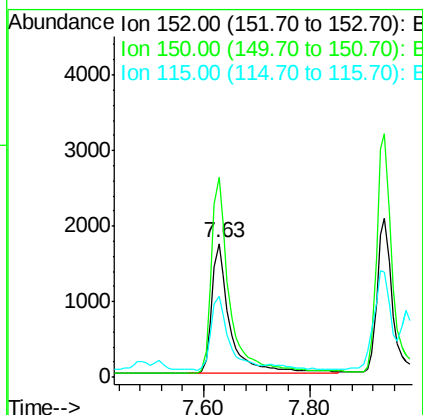
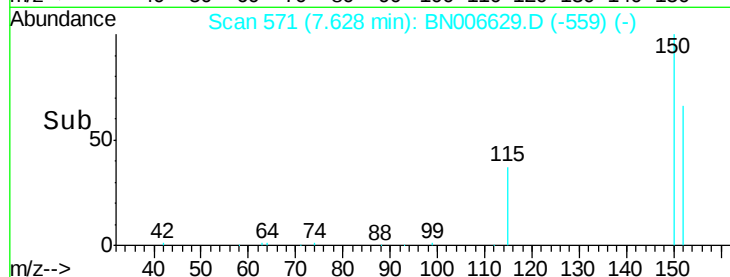
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 4089
Ion Ratio Lower Upper
152 100
150 149.8 122.2 183.2
115 60.9 50.0 75.0



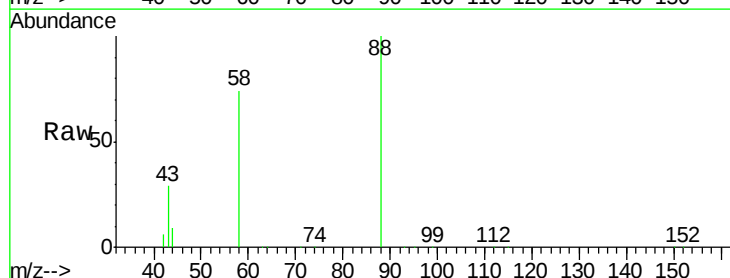
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



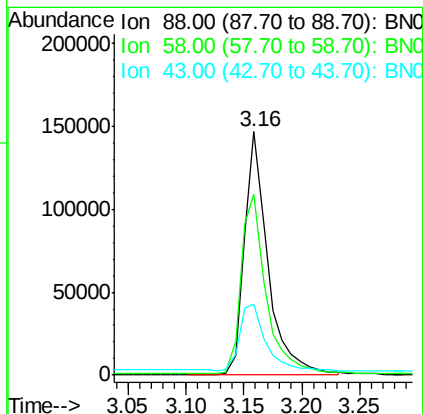
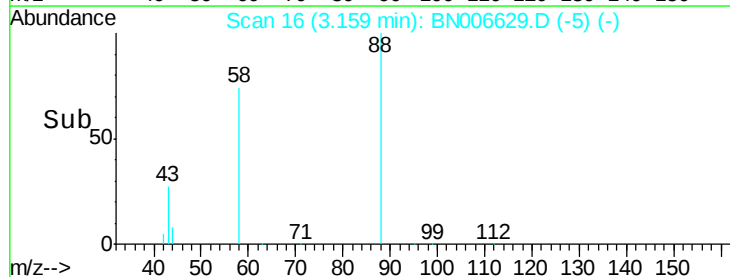
#2

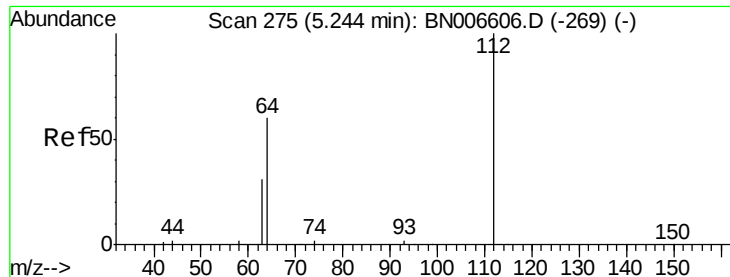
1,4-Dioxane
Concen: 35.994 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion: 88 Resp: 203673
Ion Ratio Lower Upper
88 100
58 78.8 62.5 93.7
43 29.9 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: 0.177 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

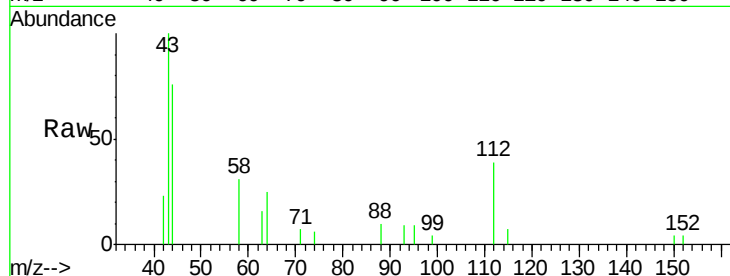
Tgt Ion: 112 Resp: 1772

Ion Ratio Lower Upper

112 100

64 61.0 48.9 73.3

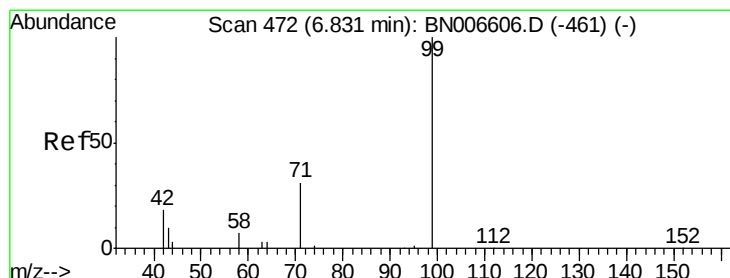
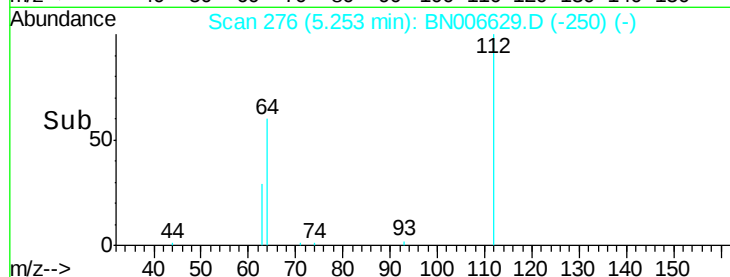
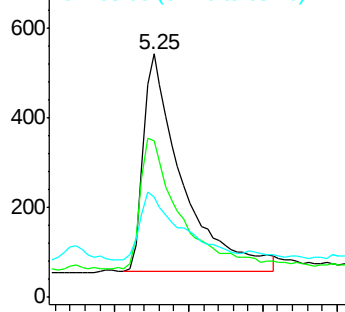
63 32.5 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.111 ng

RT: 6.83 min Scan# 472

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

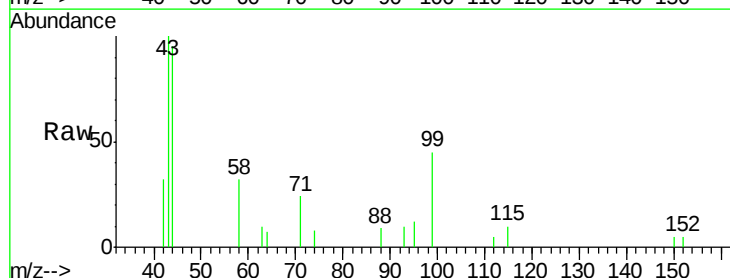
Tgt Ion: 99 Resp: 1470

Ion Ratio Lower Upper

99 100

42 24.4 16.4 24.6

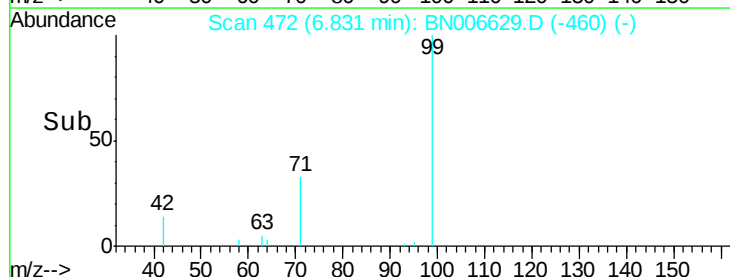
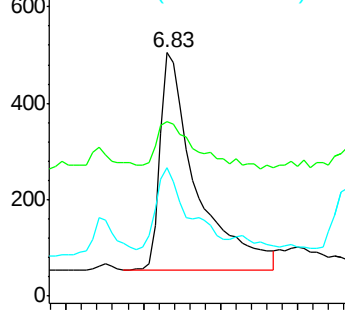
71 34.2 26.6 40.0

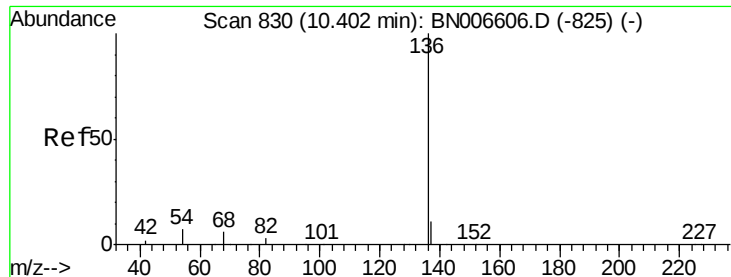


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

Tgt Ion:136 Resp: 17967

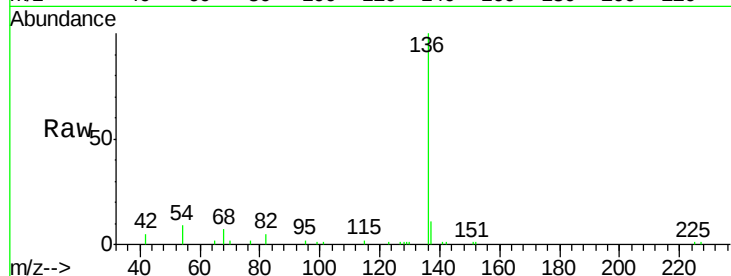
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 8.8 6.7 10.1

68 7.3 5.3 7.9

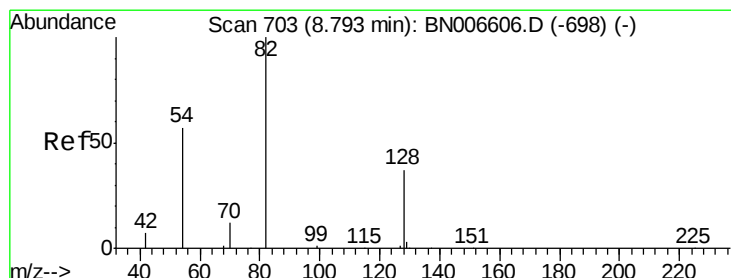
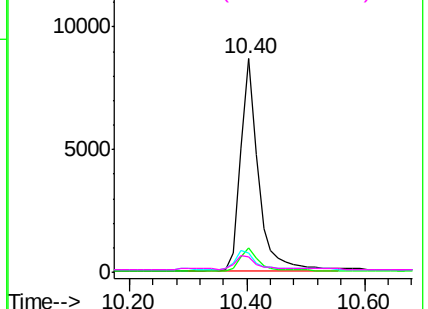
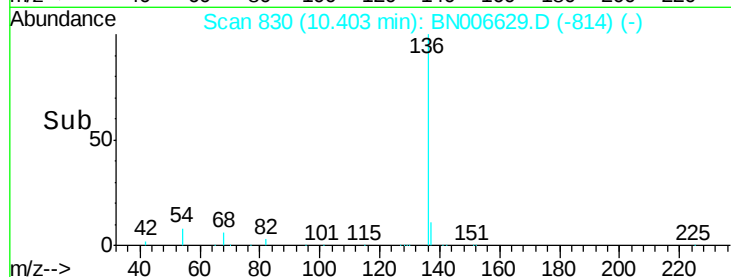


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

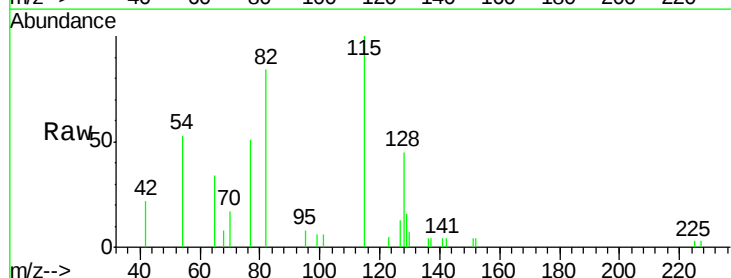
Tgt Ion: 82 Resp: 4566

Ion Ratio Lower Upper

82 100

128 53.1 32.6 49.0#

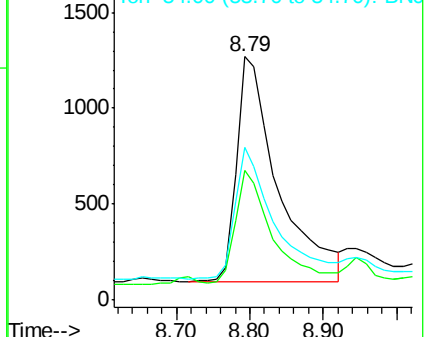
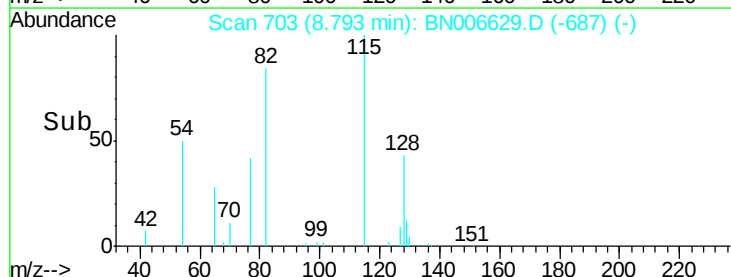
54 62.9 48.2 72.4

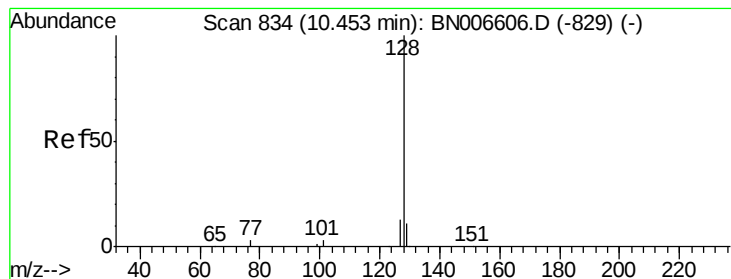


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.036 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

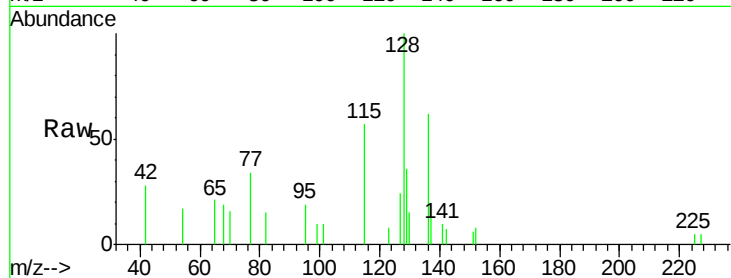
Tgt Ion:128 Resp: 1680

Ion Ratio Lower Upper

128 100

129 36.2 9.3 13.9#

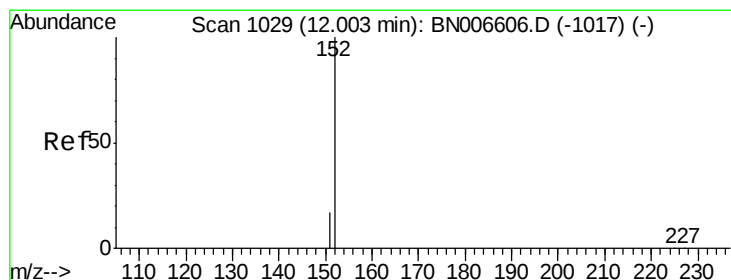
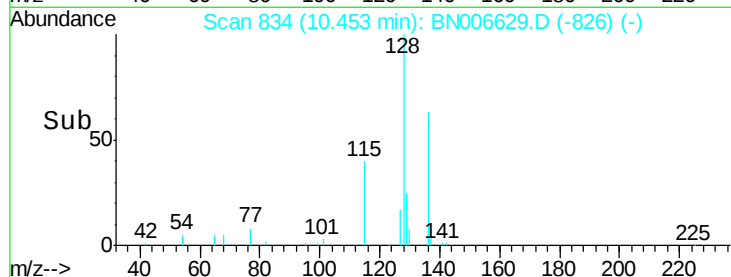
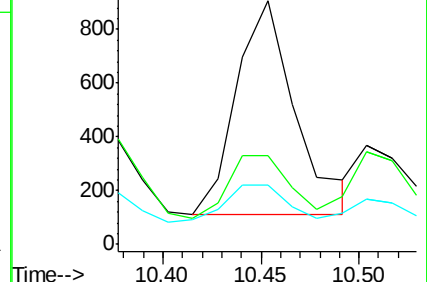
127 24.2 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 12.00 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BN006629.D

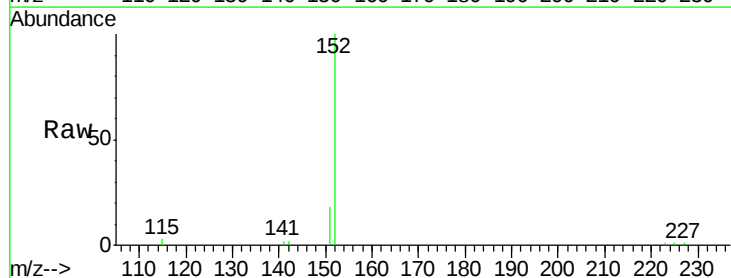
Acq: 29 Jun 2019 00:29

Tgt Ion:152 Resp: 10705

Ion Ratio Lower Upper

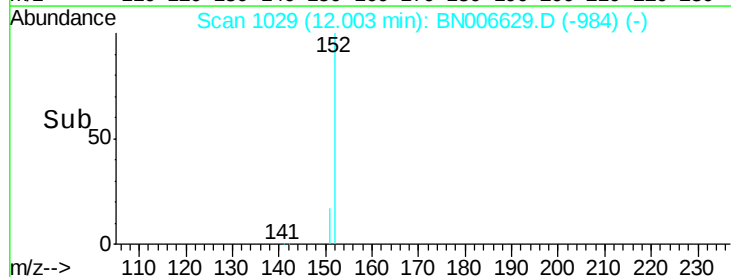
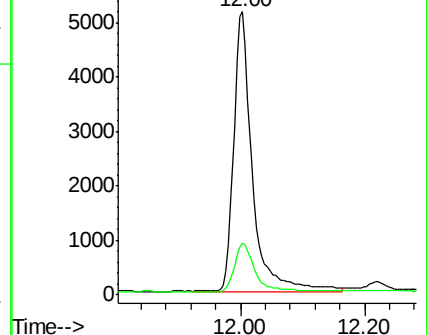
152 100

151 19.6 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

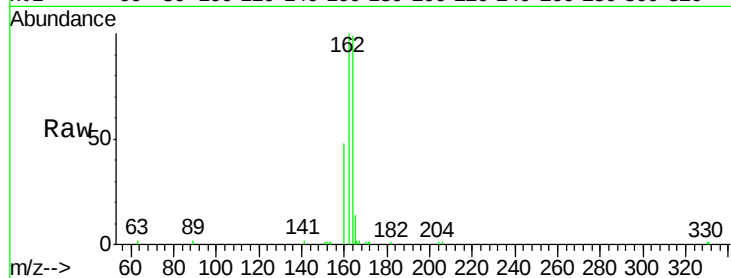
Tgt Ion:164 Resp: 12107

Ion Ratio Lower Upper

164 100

162 100.8 80.0 120.0

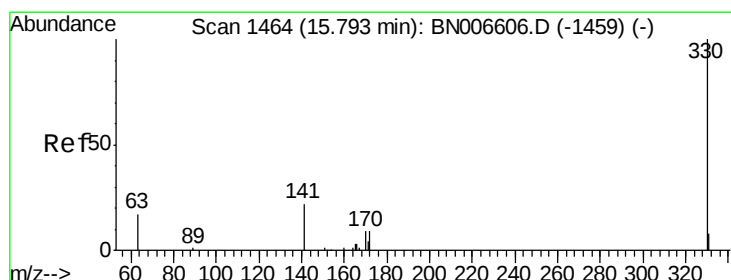
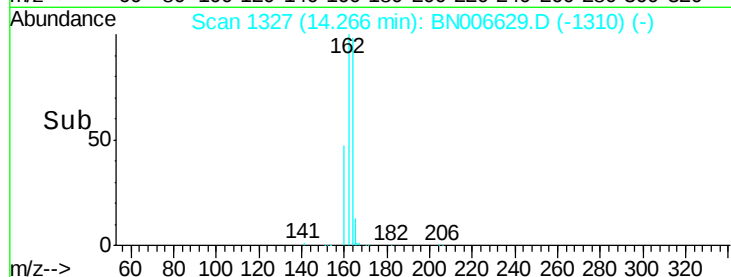
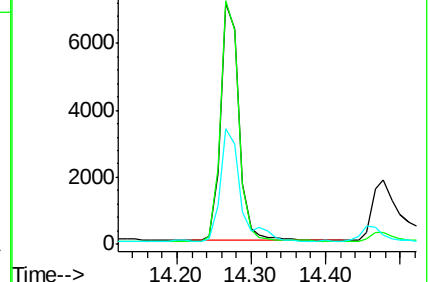
160 48.0 37.0 55.4



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: 0.427 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

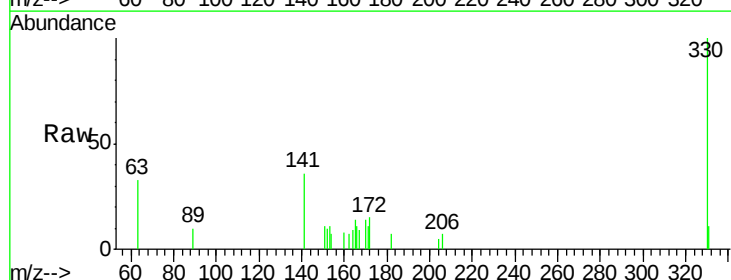
Tgt Ion:330 Resp: 2434

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

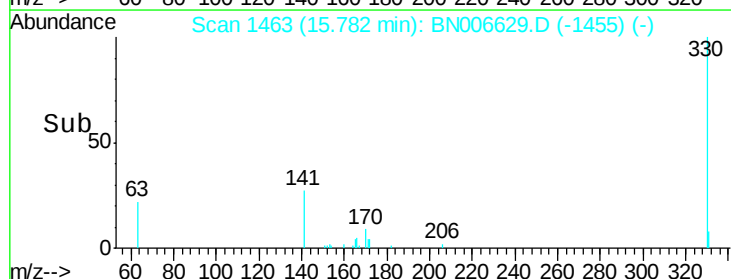
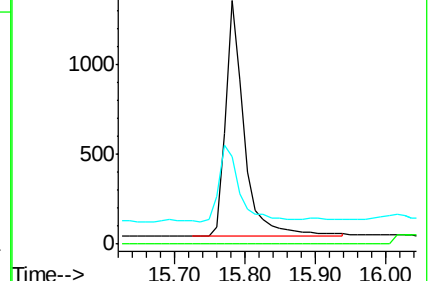
141 36.9 26.5 39.7



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

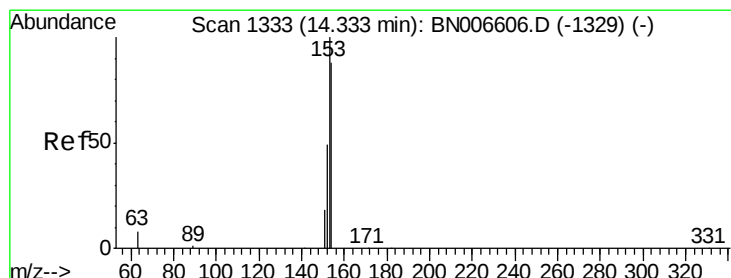
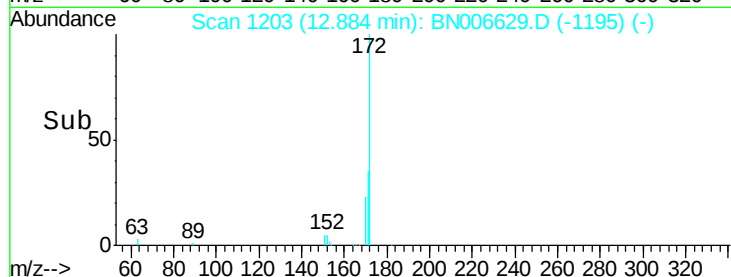
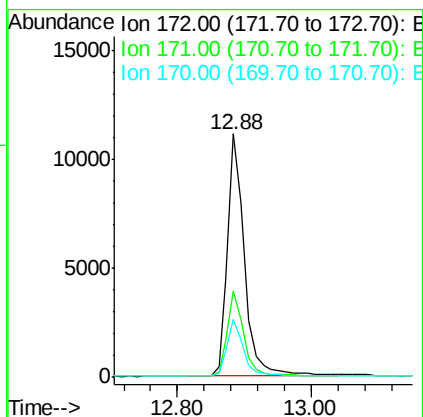
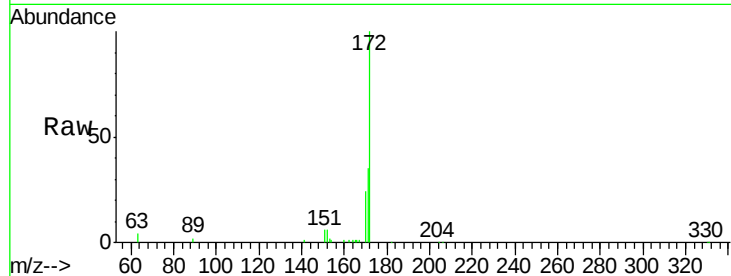




#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

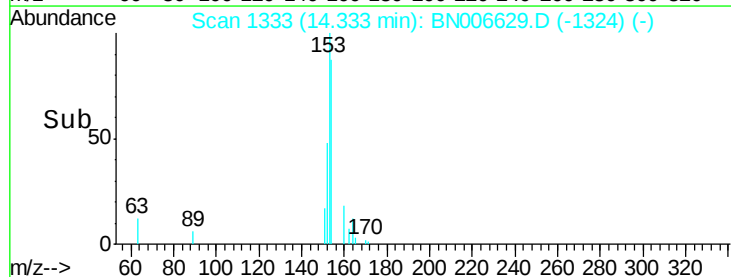
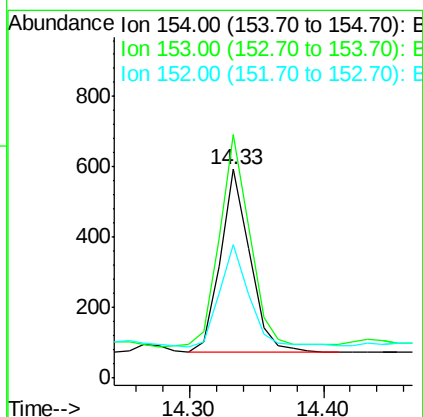
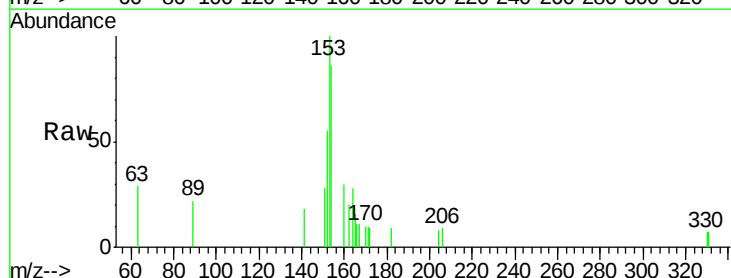
Instrument :
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MW-2

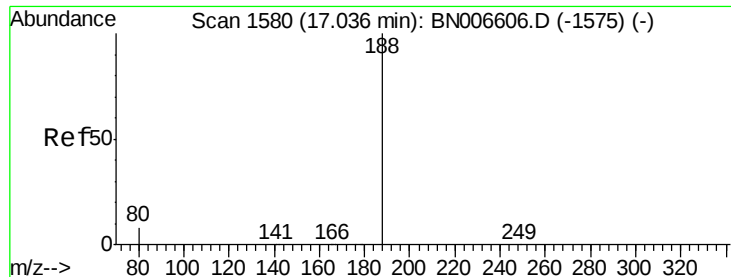
Tgt Ion:172 Resp: 19668
Ion Ratio Lower Upper
172 100
171 35.1 27.0 40.4
170 23.7 17.7 26.5



#17
Acenaphthene
Concen: 0.021 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:154 Resp: 799
Ion Ratio Lower Upper
154 100
153 119.1 90.2 135.4
152 55.7 44.2 66.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

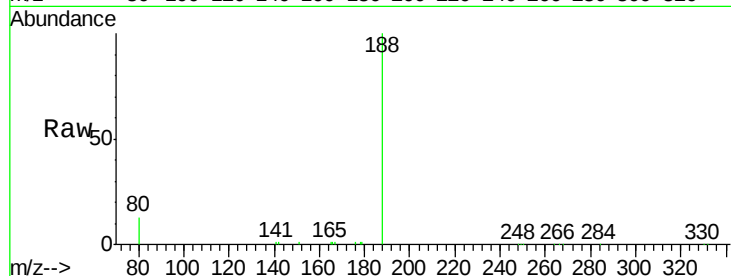
Tgt Ion:188 Resp: 27540

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

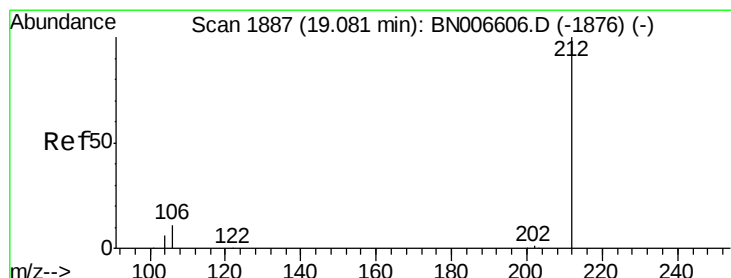
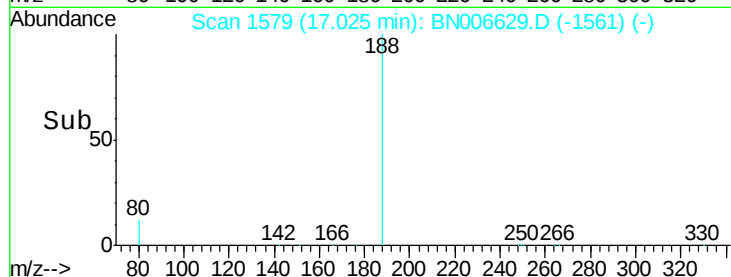
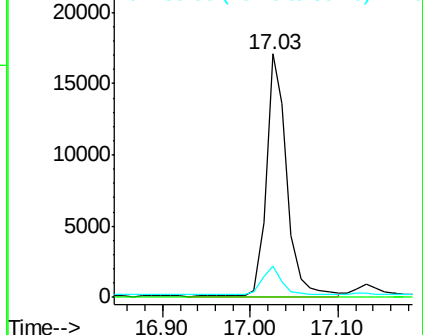
80 12.8 7.1 10.7#



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



#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

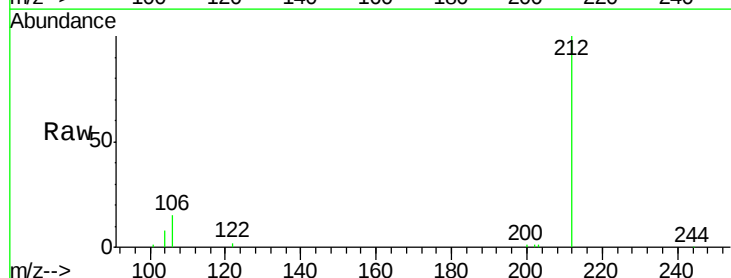
Tgt Ion:212 Resp: 31321

Ion Ratio Lower Upper

212 100

106 13.9 10.6 15.8

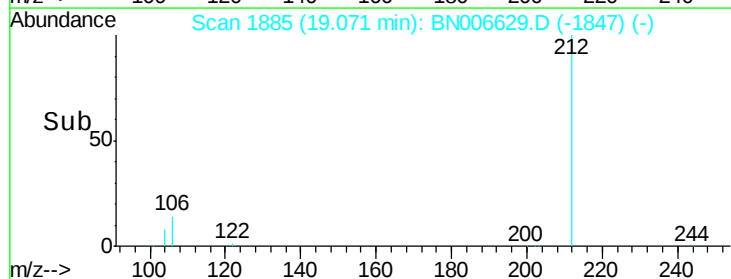
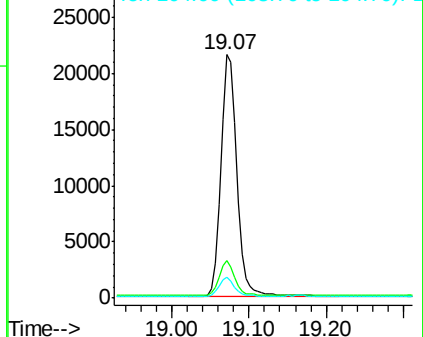
104 7.8 5.8 8.6

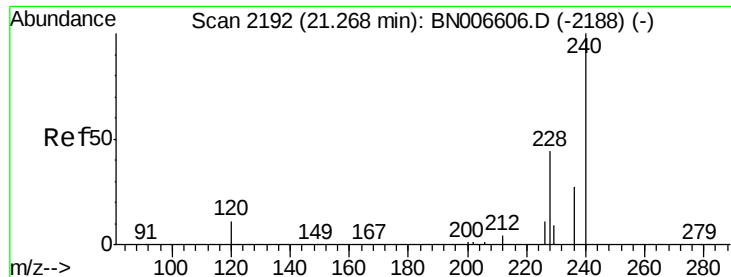


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

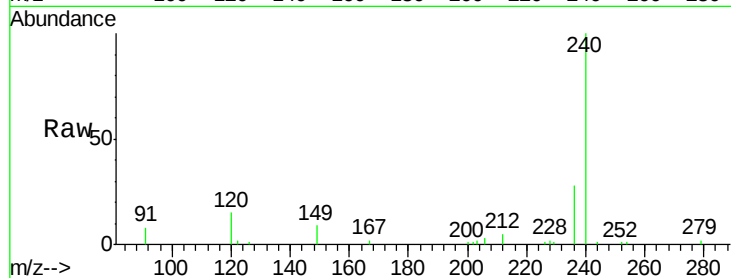
Tgt Ion:240 Resp: 27154

Ion Ratio Lower Upper

240 100

120 14.6 9.9 14.9

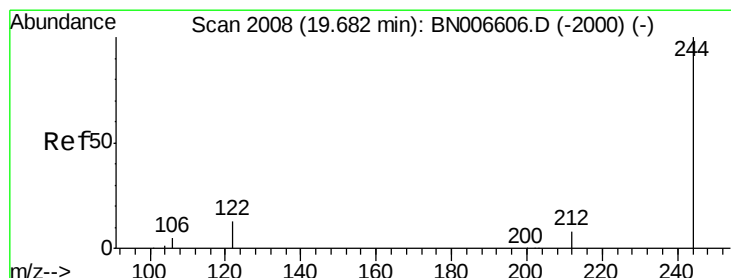
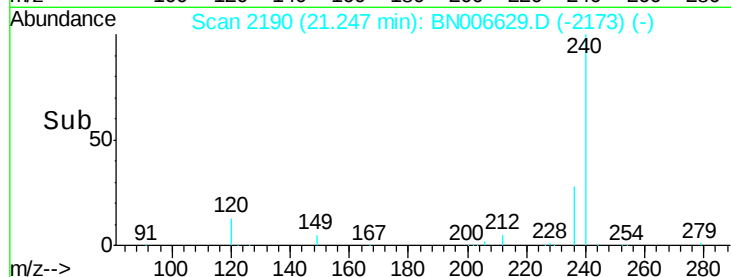
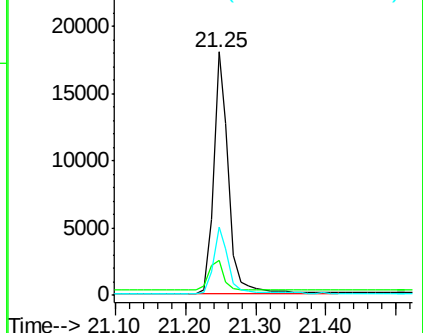
236 28.2 22.2 33.4



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: 0.512 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

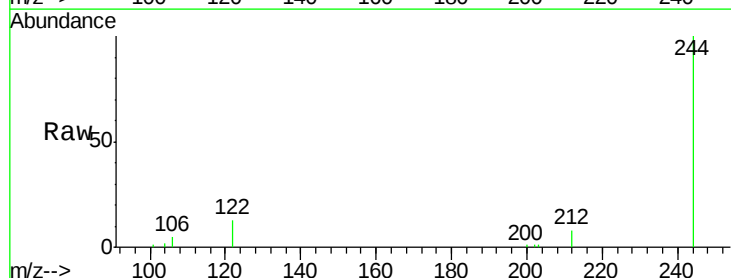
Tgt Ion:244 Resp: 29118

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

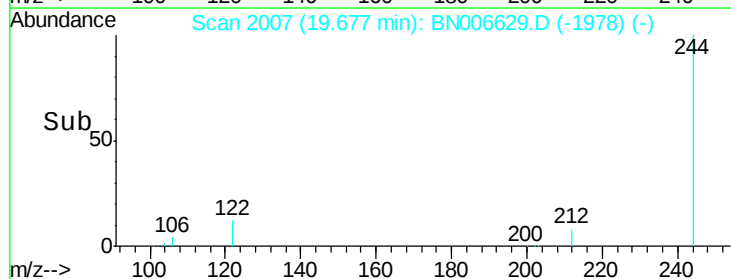
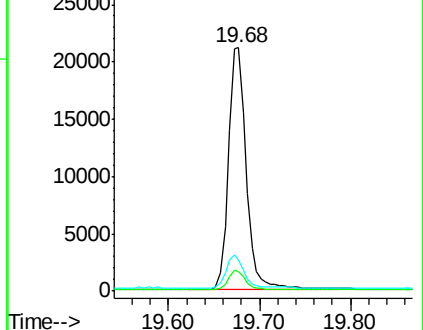
122 12.9 11.0 16.6

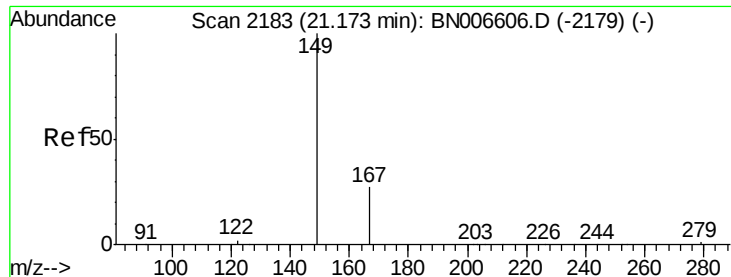


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

Instrument :

BNA_N

ClientSampleId :

MW-2

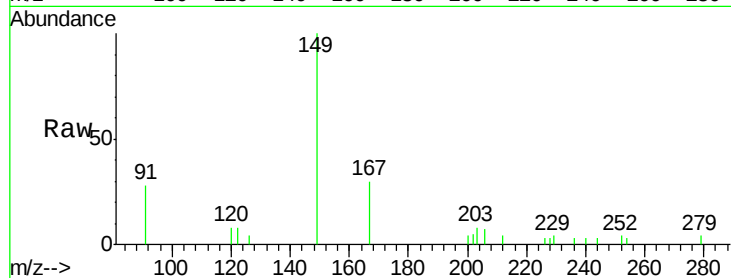
Tgt Ion:149 Resp: 4667

Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

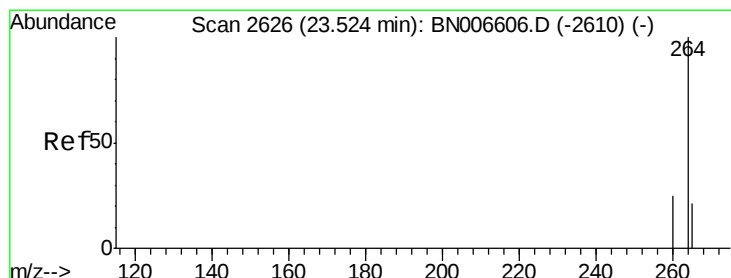
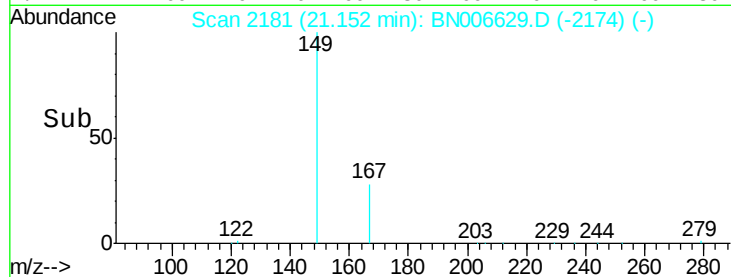
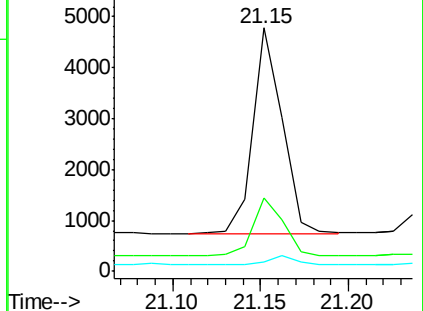
279 4.2 3.3 4.9



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# 2612

Delta R.T. -0.05 min

Lab File: BN006629.D

Acq: 29 Jun 2019 00:29

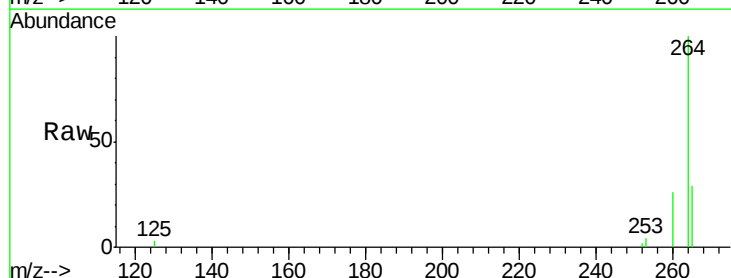
Tgt Ion:264 Resp: 26996

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 29.4 23.3 34.9



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

