

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006630.D
 Acq On : 29 Jun 2019 01:03
 Operator : HP/JU
 Sample : K3473-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-3

Quant Time: Jun 29 03:54:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 01:19:02 2019
 Response via : Initial Calibration

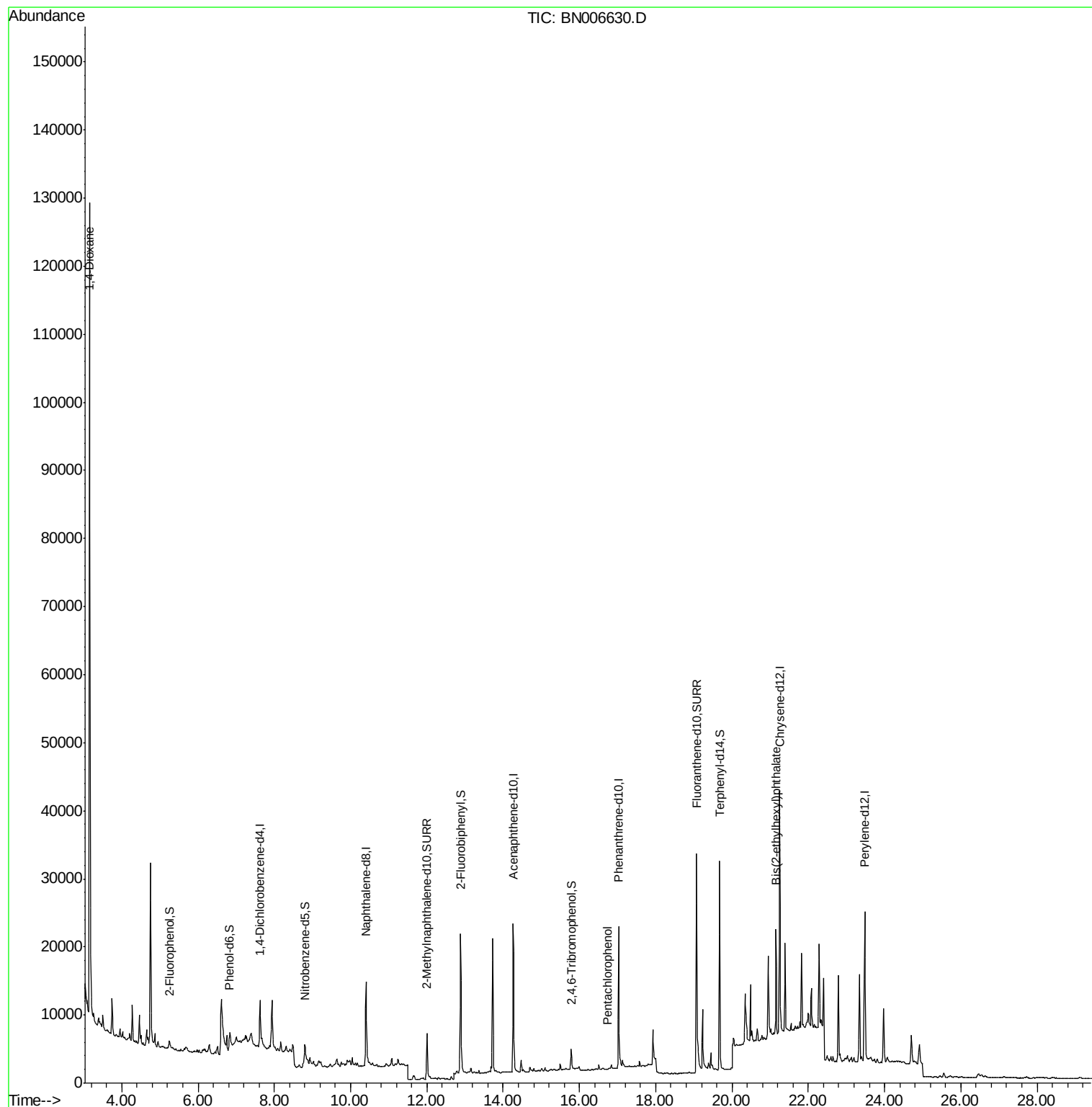
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4728	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	20233	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	13534	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	30805	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	30951	0.40	ng	-0.02
34) Perylene-d12	23.48	264	29584	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2142	0.18	ng	0.00
5) Phenol-d6	6.82	99	1920	0.13	ng	0.00
8) Nitrobenzene-d5	8.79	82	5256	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	11369	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	2643	0.41	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	20720	0.41	ng	-0.01
25) Fluoranthene-d10	19.07	212	34443	0.38	ng	0.00
29) Terphenyl-d14	19.68	244	31677	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	73592	11.248	ng	99
22) Pentachlorophenol	16.73	266	14	0.195	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.15	149	13831	0.272	ng	99

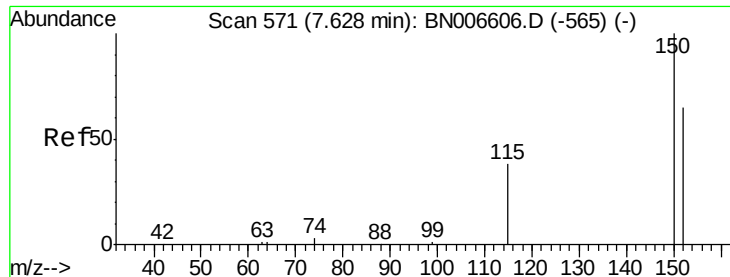
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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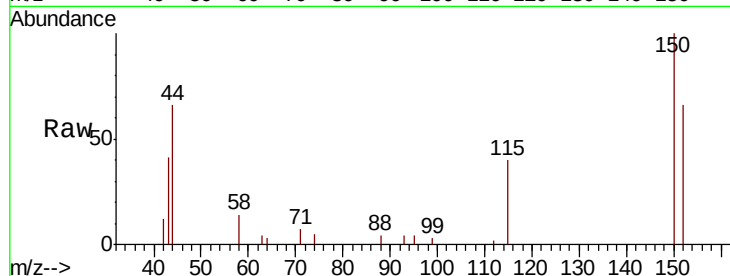


#1

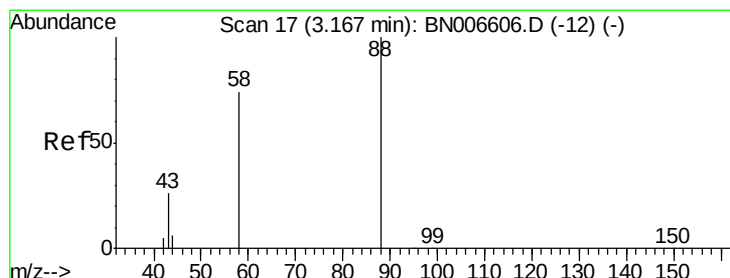
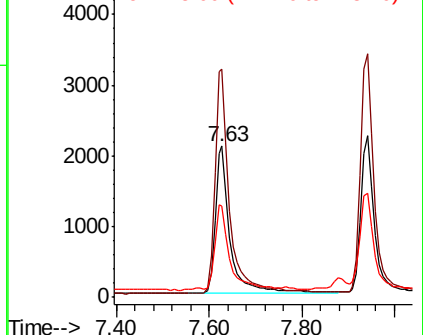
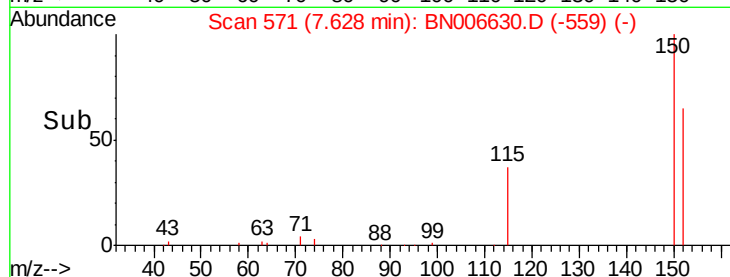
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.63 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BN006630.D
 Acq: 29 Jun 2019 01:03

Instrument :
 BNA_N
 ClientSampleId :
 MW-3

Tgt Ion:152 Resp: 4728
 Ion Ratio Lower Upper
 152 100
 150 150.7 122.2 183.2
 115 60.2 50.0 75.0



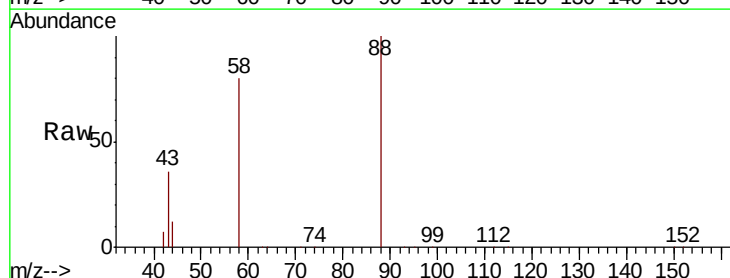
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



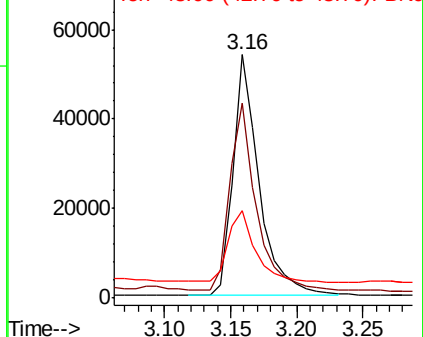
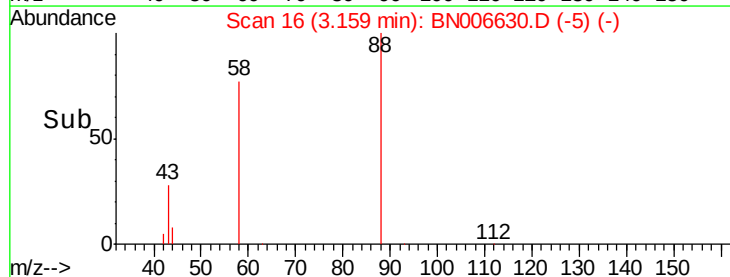
#2

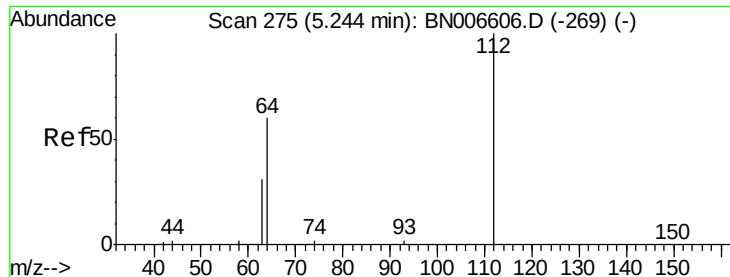
1,4-Dioxane
 Concen: 11.248 ng
 RT: 3.16 min Scan# 16
 Delta R.T. -0.01 min
 Lab File: BN006630.D
 Acq: 29 Jun 2019 01:03

Tgt Ion: 88 Resp: 73592
 Ion Ratio Lower Upper
 88 100
 58 77.8 62.5 93.7
 43 31.2 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: 0.185 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006630.D

Acq: 29 Jun 2019 01:03

Instrument :

BNA_N

ClientSampleId :

MW-3

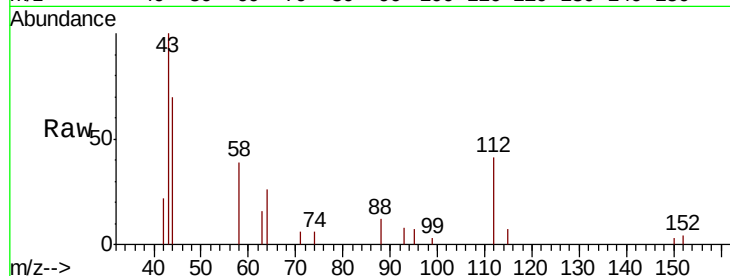
Tgt Ion: 112 Resp: 2142

Ion Ratio Lower Upper

112 100

64 62.8 48.9 73.3

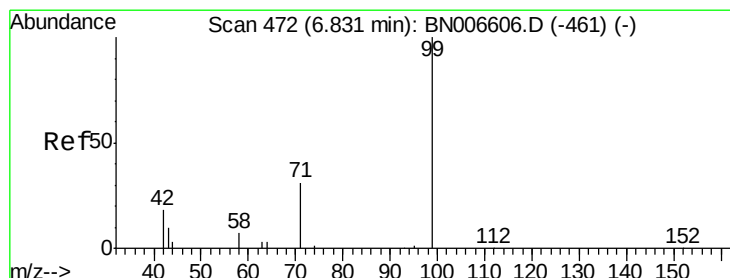
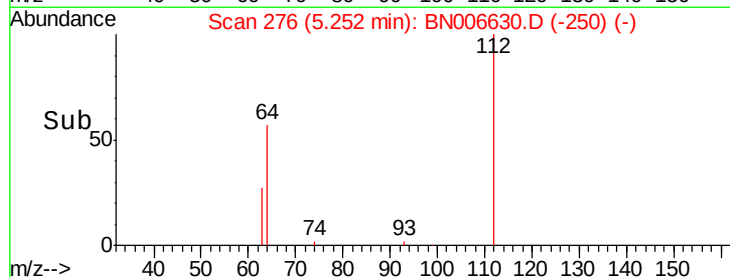
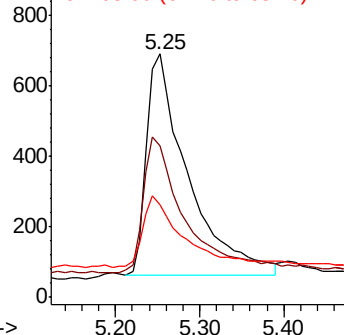
63 33.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.125 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006630.D

Acq: 29 Jun 2019 01:03

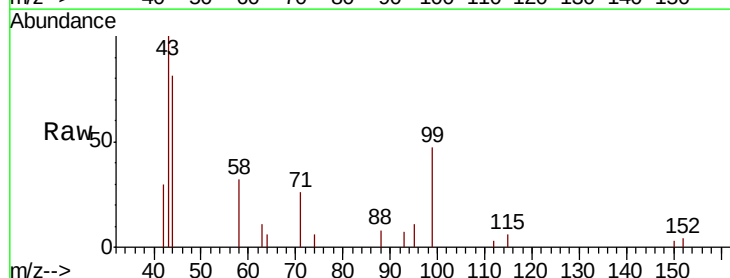
Tgt Ion: 99 Resp: 1920

Ion Ratio Lower Upper

99 100

42 29.7 16.4 24.6#

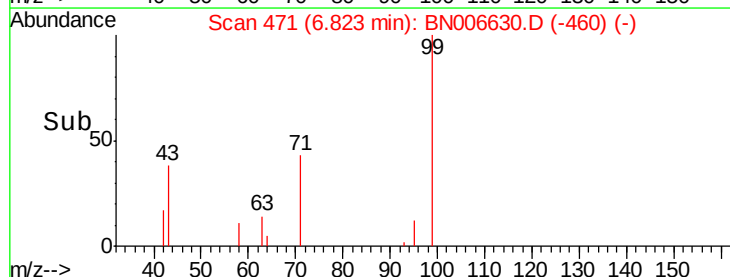
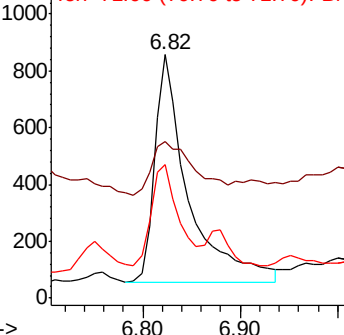
71 36.1 26.6 40.0

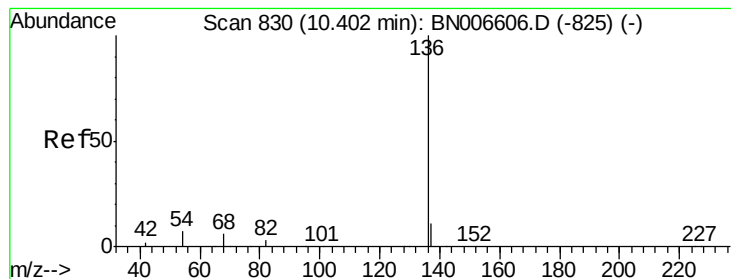


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006630.D

Acq: 29 Jun 2019 01:03

Instrument :

BNA_N

ClientSampleId :

MW-3

Tgt Ion:136 Resp: 20233

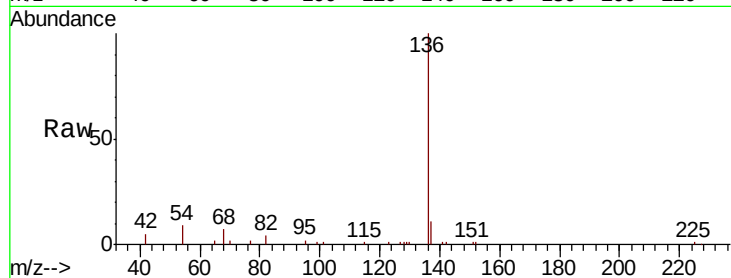
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.8 6.7 10.1

68 7.4 5.3 7.9

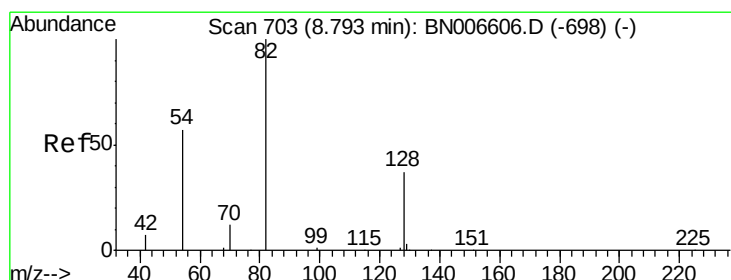
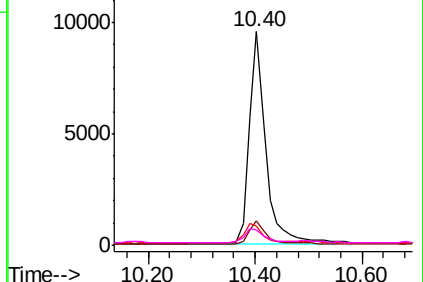
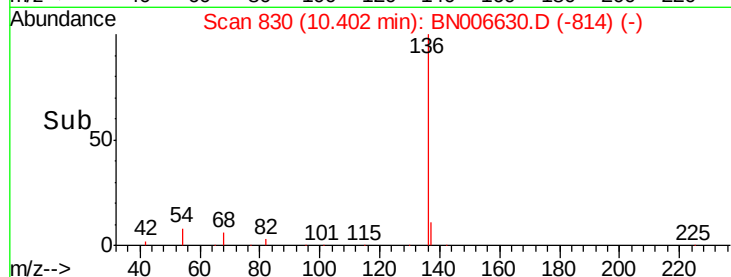


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006630.D

Acq: 29 Jun 2019 01:03

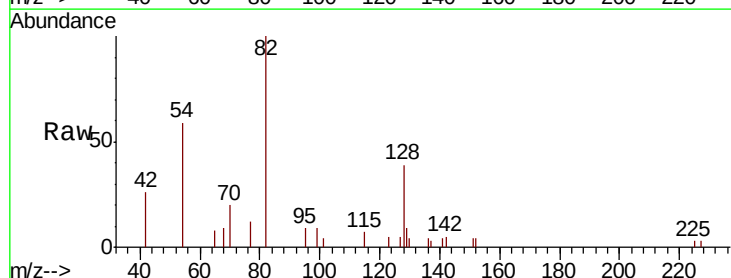
Tgt Ion: 82 Resp: 5256

Ion Ratio Lower Upper

82 100

128 38.8 32.6 49.0

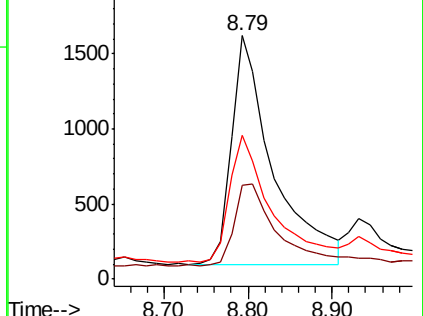
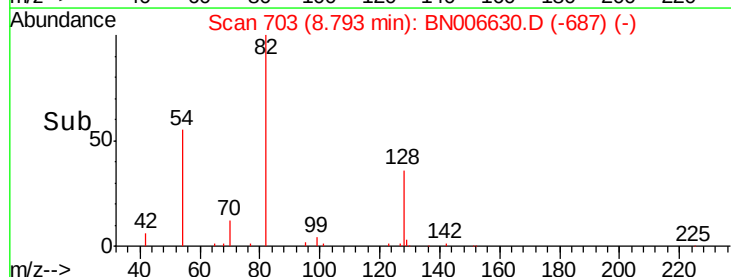
54 59.3 48.2 72.4

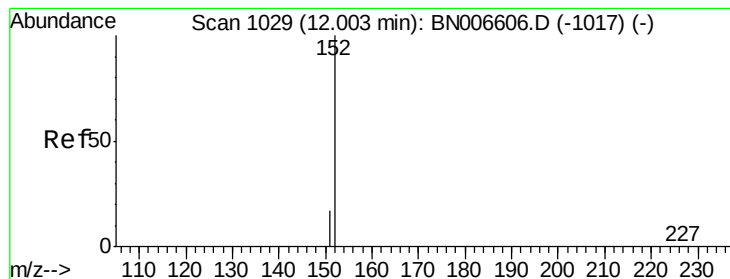


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 12.00 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BN006630.D

Acq: 29 Jun 2019 01:03

Instrument :

BNA_N

ClientSampleId :

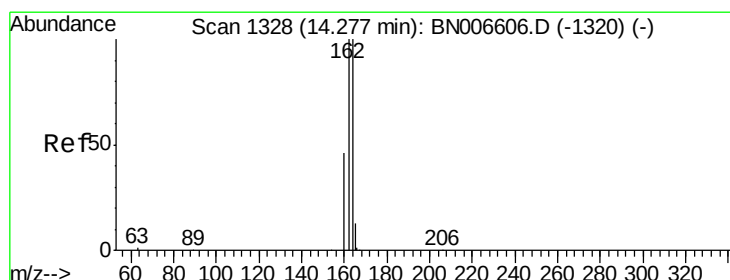
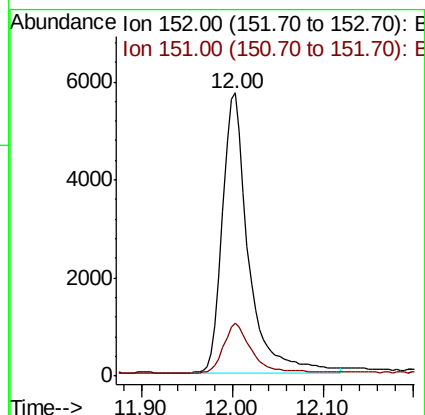
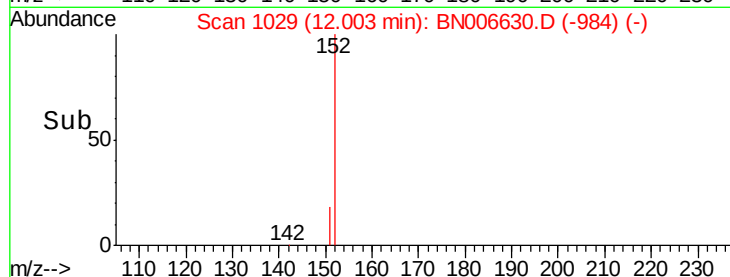
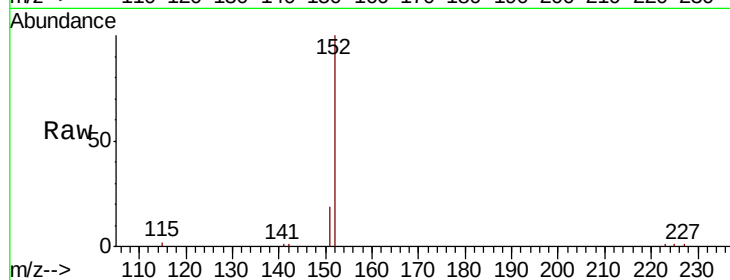
MW-3

Tgt Ion:152 Resp: 11369

Ion Ratio Lower Upper

152 100

151 19.5 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: BN006630.D

Acq: 29 Jun 2019 01:03

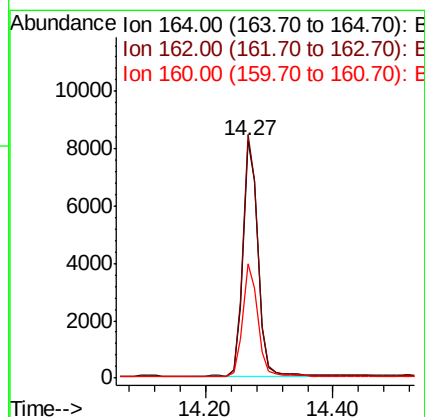
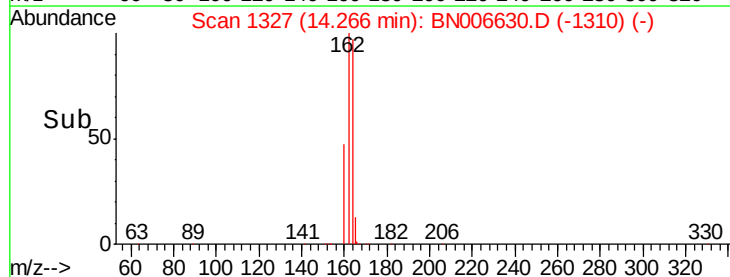
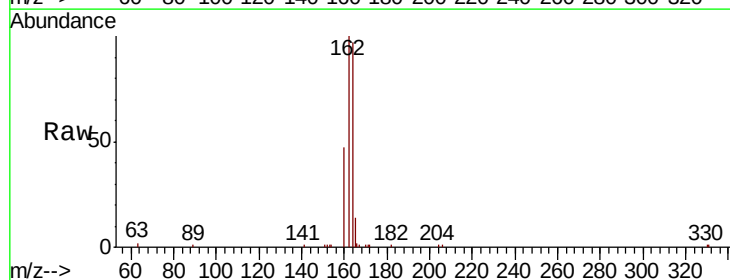
Tgt Ion:164 Resp: 13534

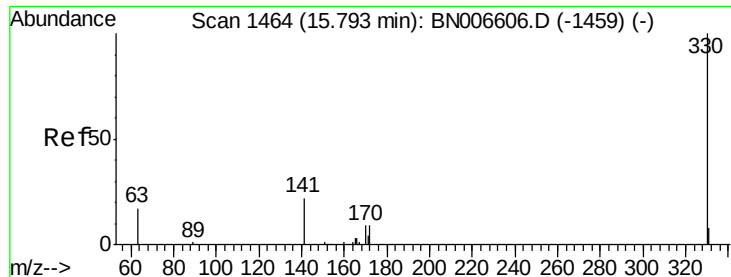
Ion Ratio Lower Upper

164 100

162 102.6 80.0 120.0

160 48.2 37.0 55.4

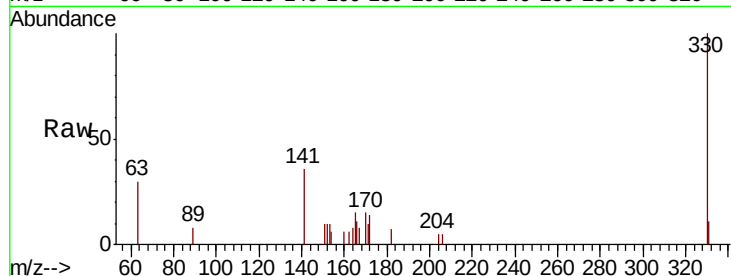




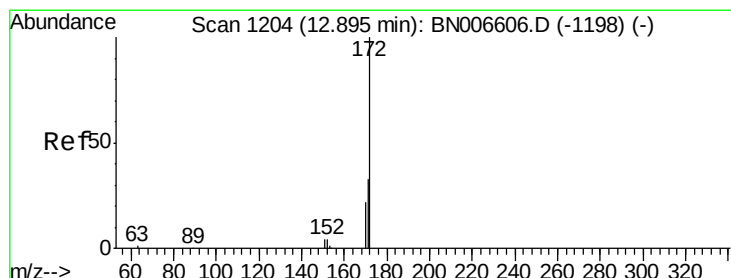
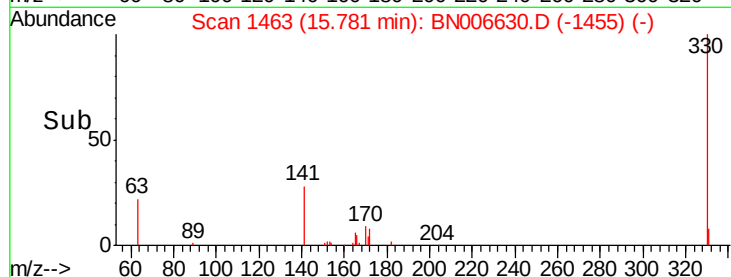
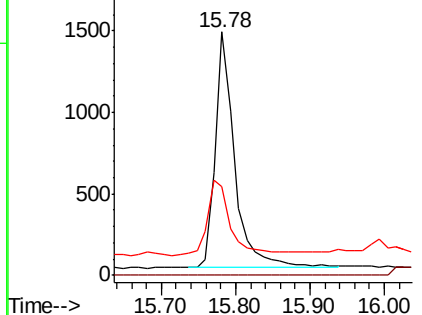
#14
 2,4,6-Tribromophenol
 Concen: 0.415 ng
 RT: 15.78 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BN006630.D
 Acq: 29 Jun 2019 01:03

Instrument :
 BNA_N
 ClientSampleId :
 MW-3

Tgt Ion:330 Resp: 2643
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.9 26.5 39.7

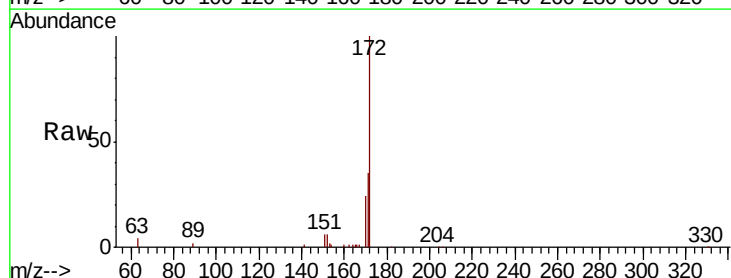


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

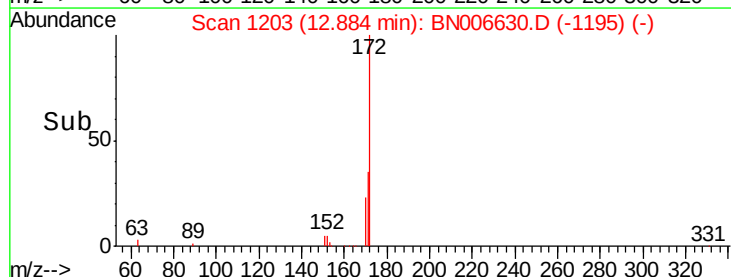
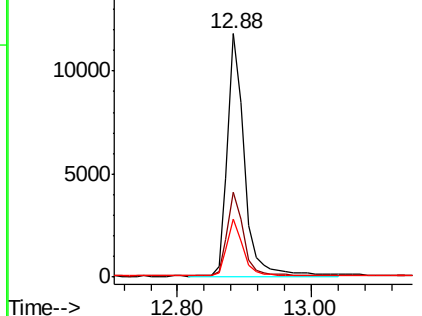


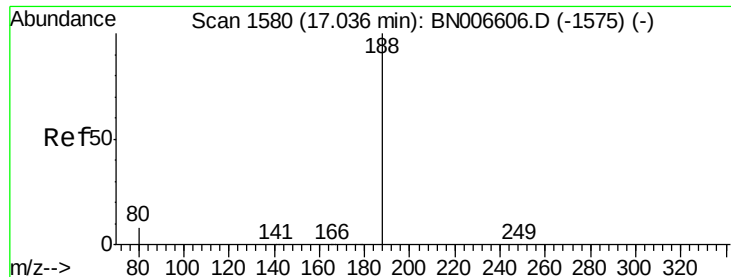
#15
 2-Fluorobiphenyl
 Concen: 0.413 ng
 RT: 12.88 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BN006630.D
 Acq: 29 Jun 2019 01:03

Tgt Ion:172 Resp: 20720
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.0 40.4
 170 23.7 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: BN006630.D

Acq: 29 Jun 2019 01:03

Instrument :

BNA_N

ClientSampleId :

MW-3

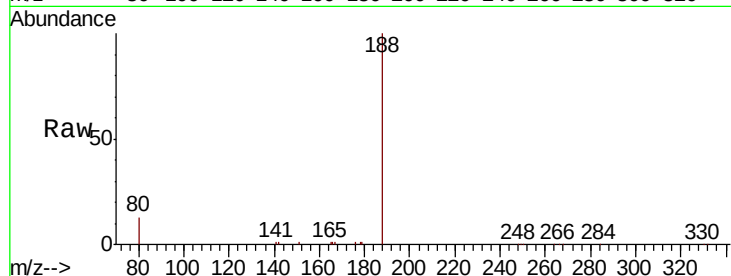
Tgt Ion:188 Resp: 30805

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

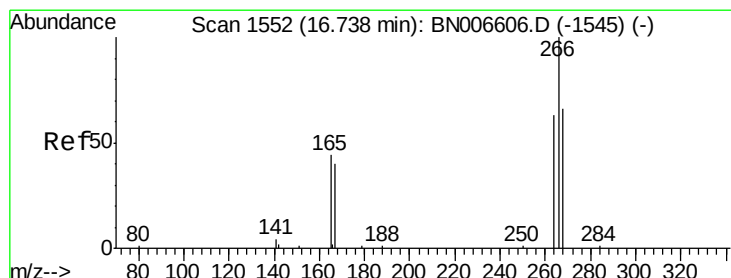
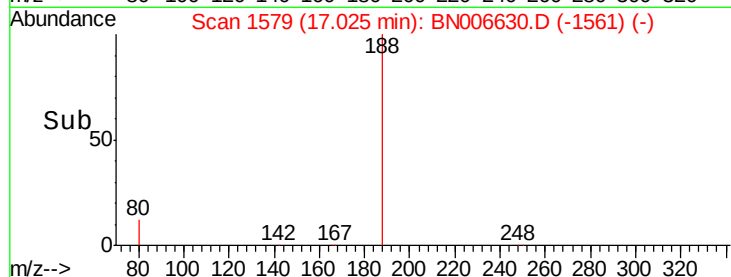
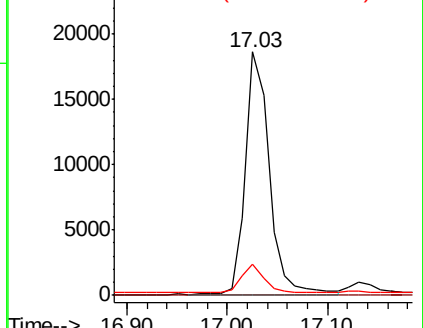
80 13.0 7.1 10.7#



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



#22

Pentachlorophenol

Concen: 0.195 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN006630.D

Acq: 29 Jun 2019 01:03

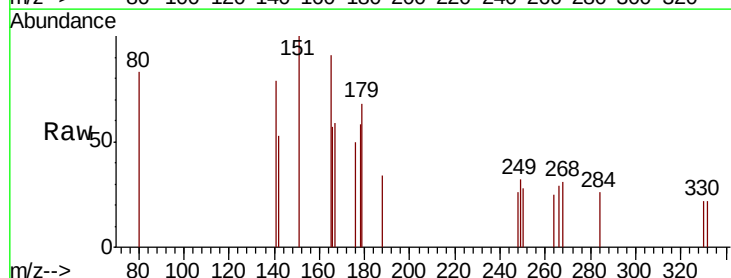
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 87.1 56.2 84.4#

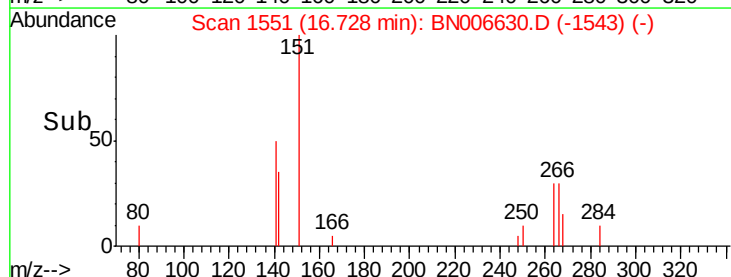
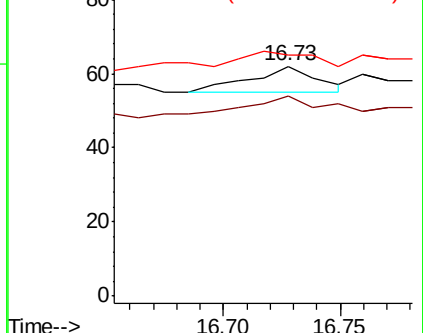
268 104.8 63.0 94.4#

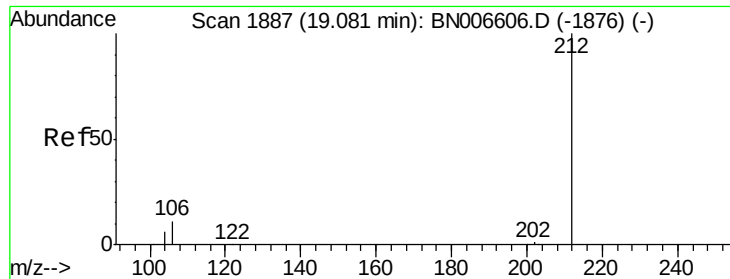


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006630.D

Acq: 29 Jun 2019 01:03

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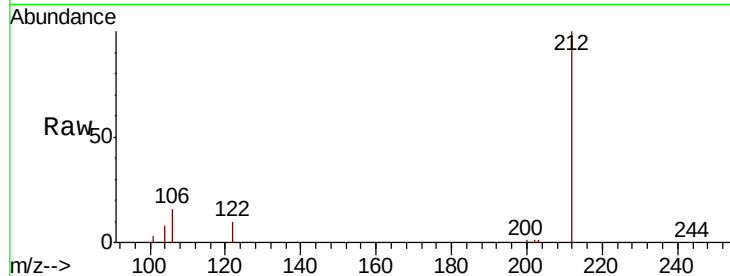
Tgt Ion:212 Resp: 34443

Ion Ratio Lower Upper

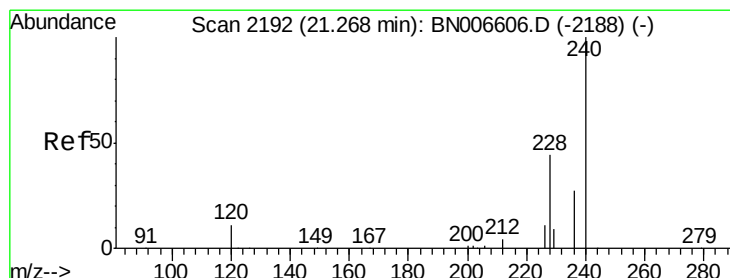
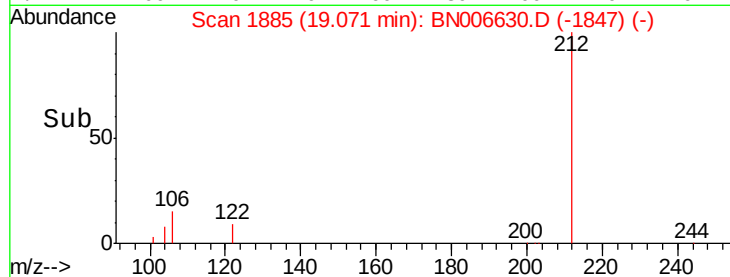
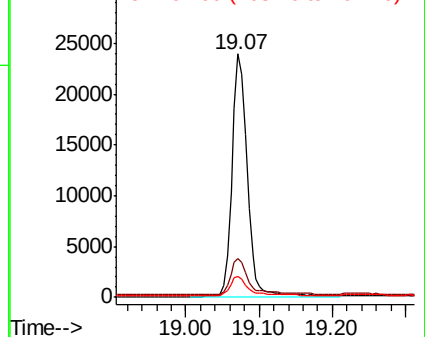
212 100

106 19.0 10.6 15.8#

104 10.0 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: BN006630.D

Acq: 29 Jun 2019 01:03

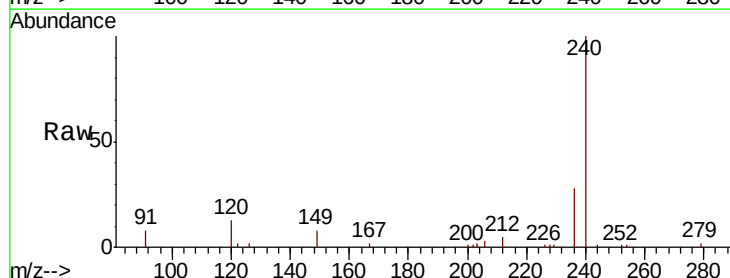
Tgt Ion:240 Resp: 30951

Ion Ratio Lower Upper

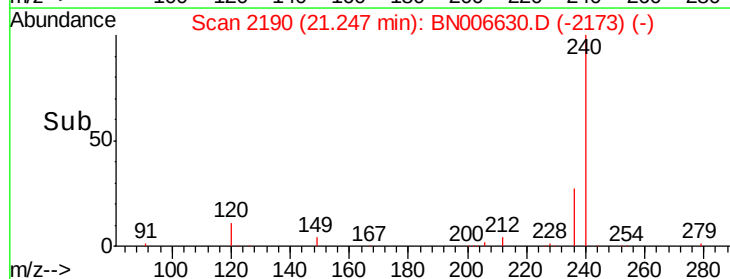
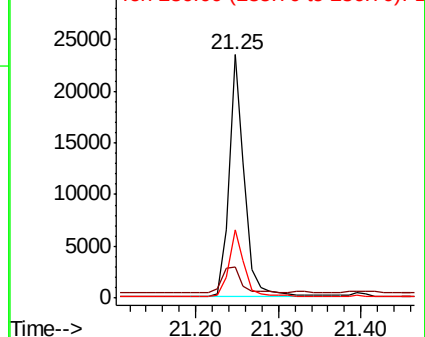
240 100

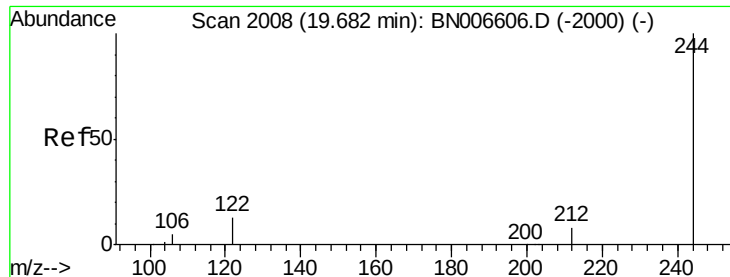
120 12.8 9.9 14.9

236 27.8 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: 0.489 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006630.D

Acq: 29 Jun 2019 01:03

Instrument :

BNA_N

ClientSampleId :

MW-3

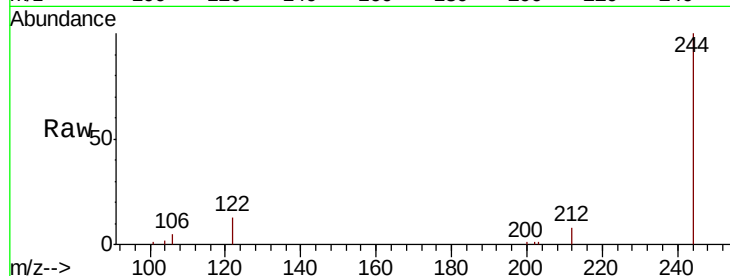
Tgt Ion:244 Resp: 31677

Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

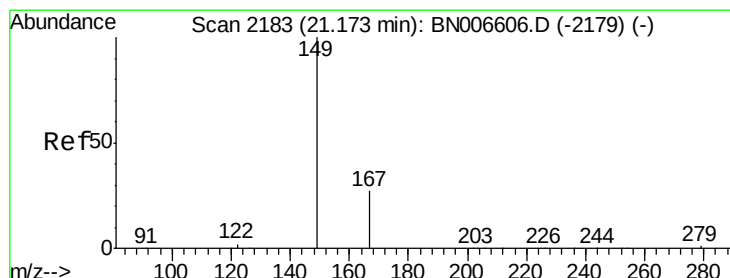
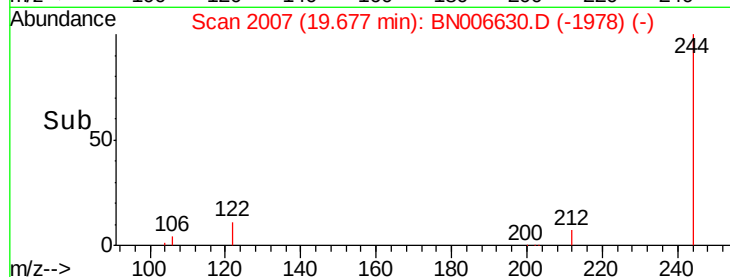
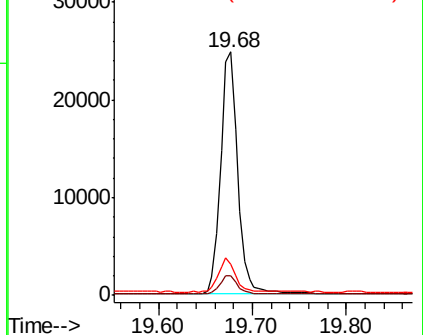
122 12.6 11.0 16.6



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: 0.272 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006630.D

Acq: 29 Jun 2019 01:03

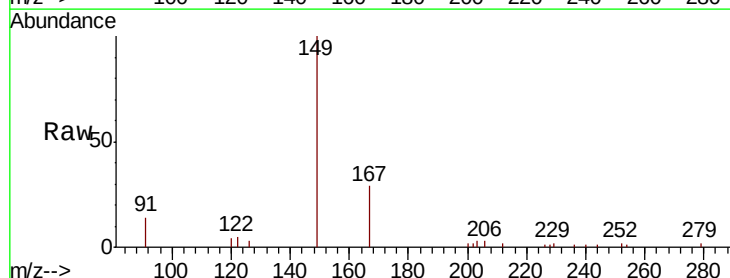
Tgt Ion:149 Resp: 13831

Ion Ratio Lower Upper

149 100

167 29.2 22.9 34.3

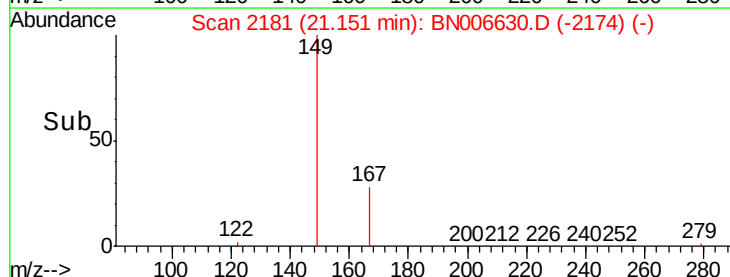
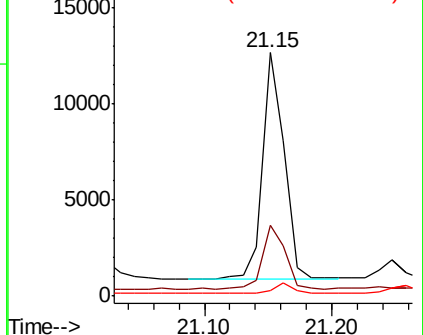
279 4.0 3.3 4.9

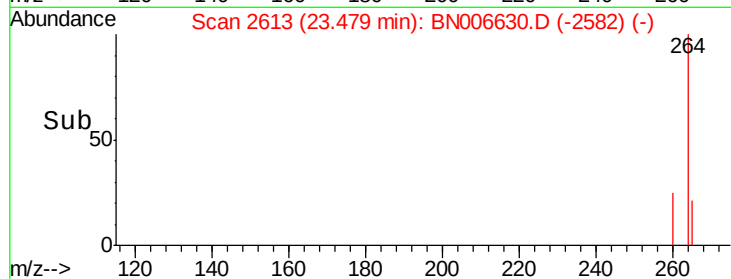
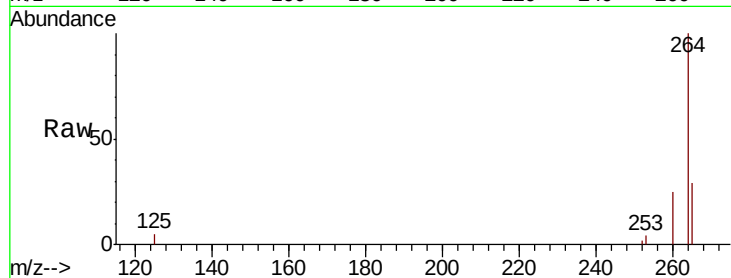
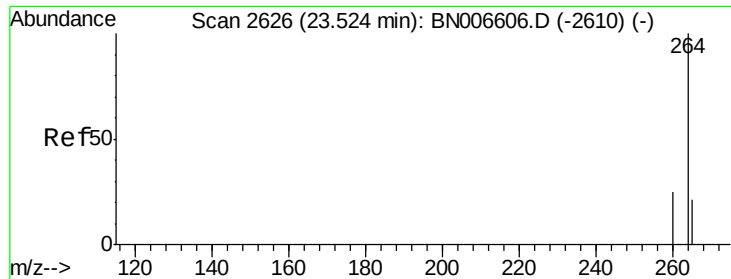


Abundance Ion 149.00 (148.70 to 149.70): E

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: BN006630.D

Acq: 29 Jun 2019 01:03

Instrument :

BNA_N

ClientSampleId :

MW-3

Tgt Ion:264 Resp: 29584

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 28.7 23.3 34.9

