

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006631.D
 Acq On : 29 Jun 2019 01:38
 Operator : HP/JU
 Sample : K3473-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-4

Quant Time: Jun 29 03:54:51 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

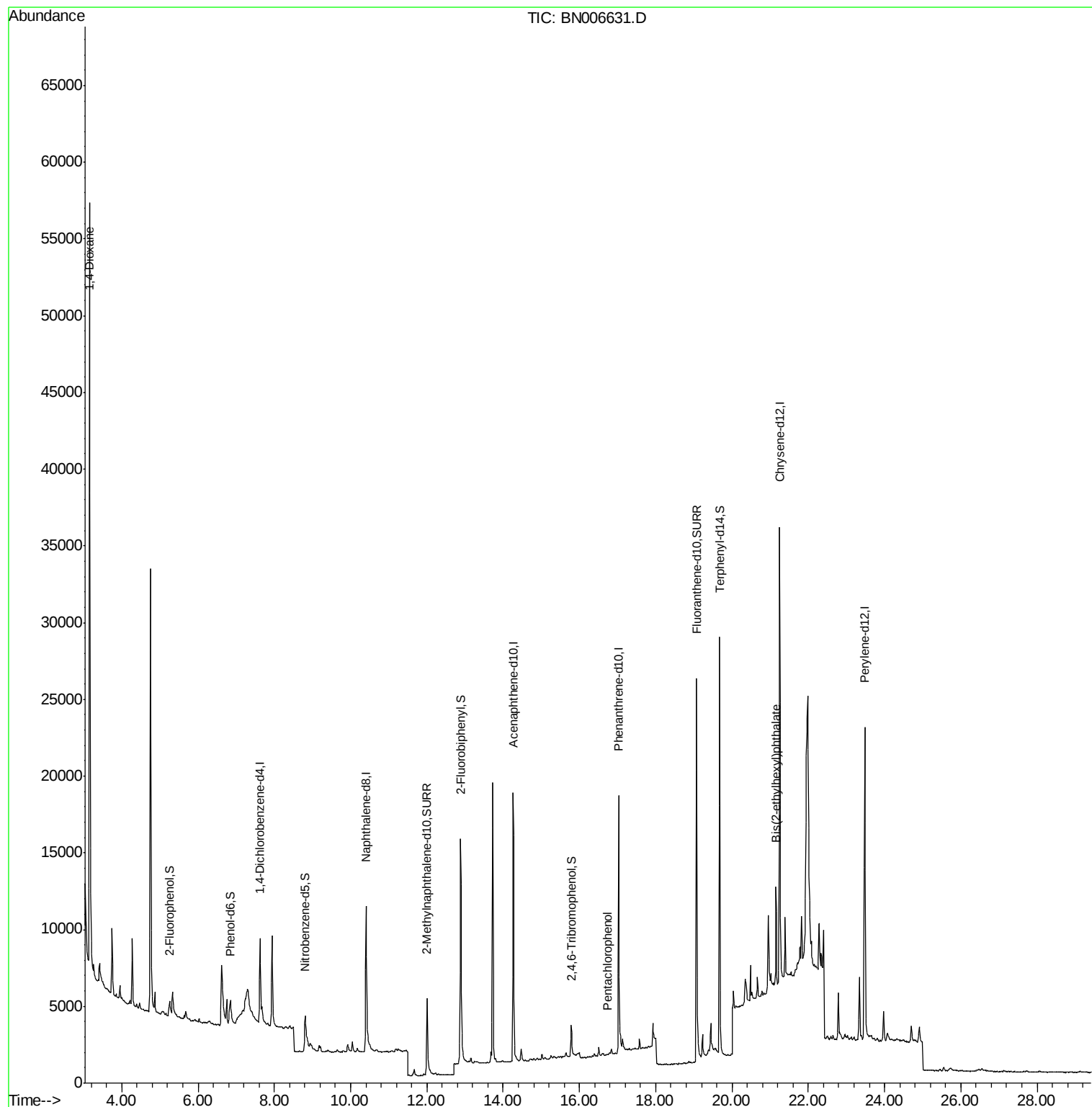
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3876	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16610	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	11236	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	26031	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	27422	0.40	ng	-0.02
34) Perylene-d12	23.48	264	27602	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1808	0.19	ng	0.00
5) Phenol-d6	6.83	99	1590	0.13	ng	0.00
8) Nitrobenzene-d5	8.81	82	4092	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.00	152	9839	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	2046	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	16960	0.41	ng	-0.01
25) Fluoranthene-d10	19.08	212	30400	0.40	ng	0.00
29) Terphenyl-d14	19.68	244	27960	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	32618	6.081	ng	100
22) Pentachlorophenol	16.74	266	12	0.195	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.15	149	6124	0.136	ng	# 99

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

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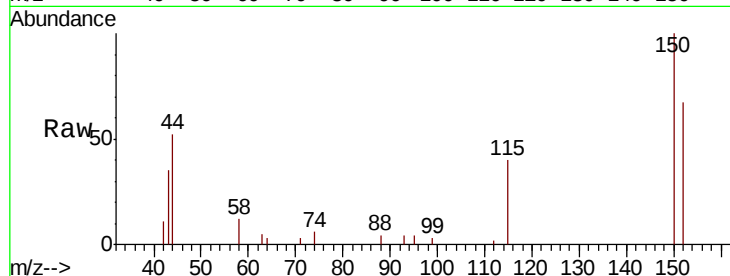


#1

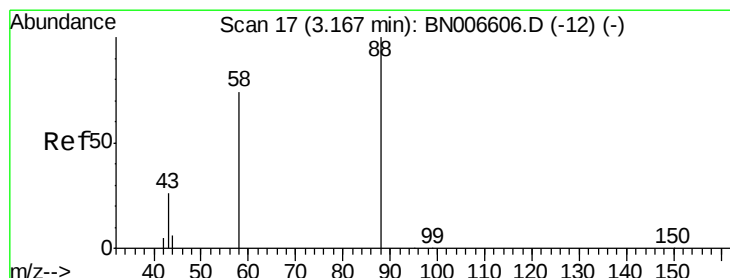
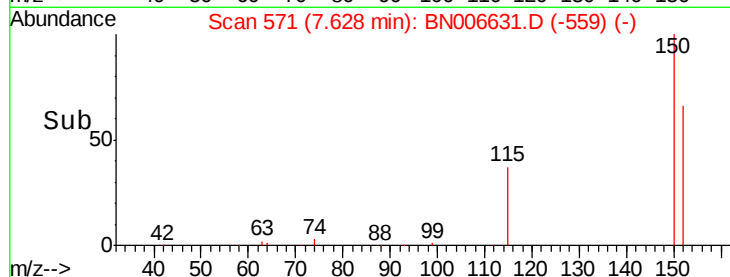
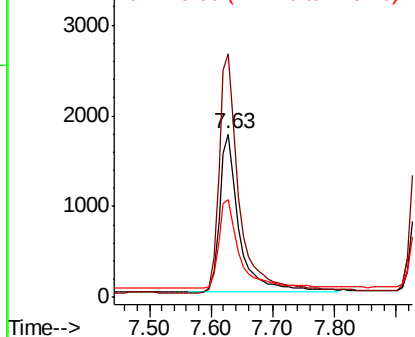
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.63 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BN006631.D
 Acq: 29 Jun 2019 01:38

Instrument :
 BNA_N
 ClientSampleId :
 MW-4

Tgt Ion:152 Resp: 3876
 Ion Ratio Lower Upper
 152 100
 150 149.2 122.2 183.2
 115 59.7 50.0 75.0



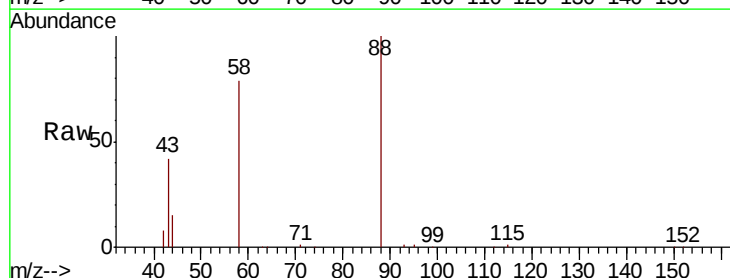
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



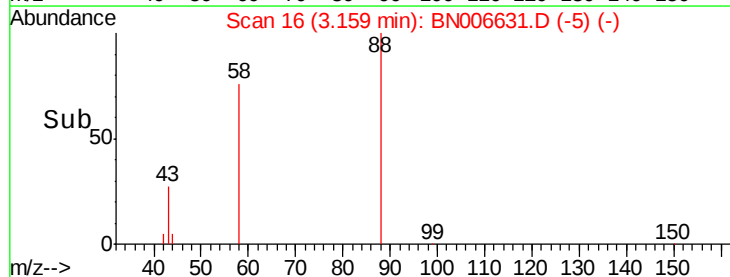
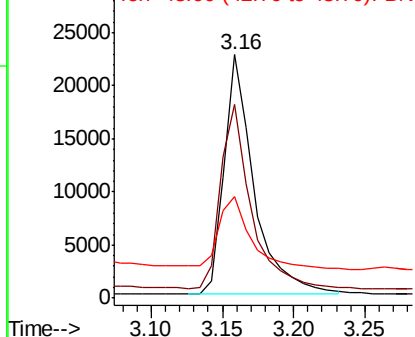
#2

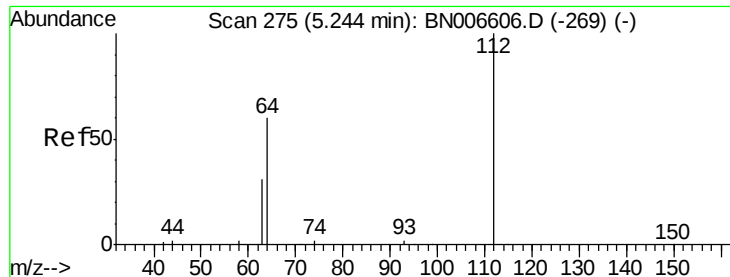
1,4-Dioxane
 Concen: 6.081 ng
 RT: 3.16 min Scan# 16
 Delta R.T. -0.01 min
 Lab File: BN006631.D
 Acq: 29 Jun 2019 01:38

Tgt Ion: 88 Resp: 32618
 Ion Ratio Lower Upper
 88 100
 58 78.1 62.5 93.7
 43 32.2 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: 0.190 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006631.D

Acq: 29 Jun 2019 01:38

Instrument :

BNA_N

ClientSampleId :

MW-4

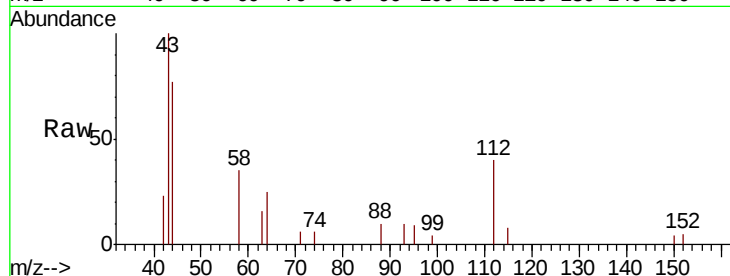
Tgt Ion: 112 Resp: 1808

Ion Ratio Lower Upper

112 100

64 60.8 48.9 73.3

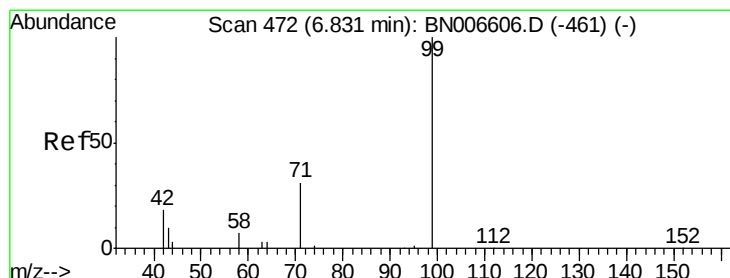
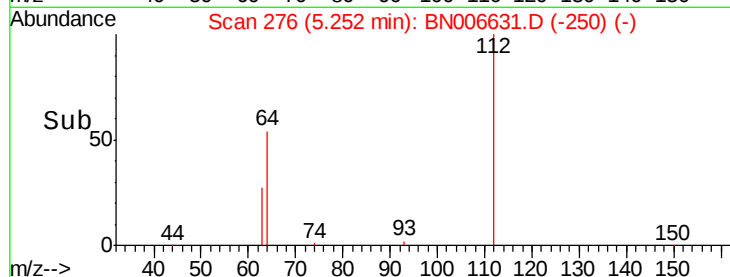
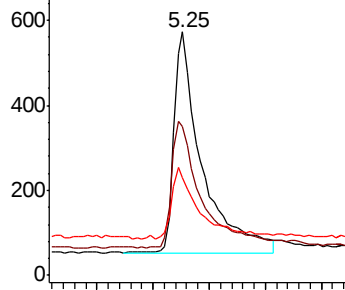
63 33.0 24.3 36.5



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: 0.126 ng

RT: 6.83 min Scan# 472

Delta R.T. 0.00 min

Lab File: BN006631.D

Acq: 29 Jun 2019 01:38

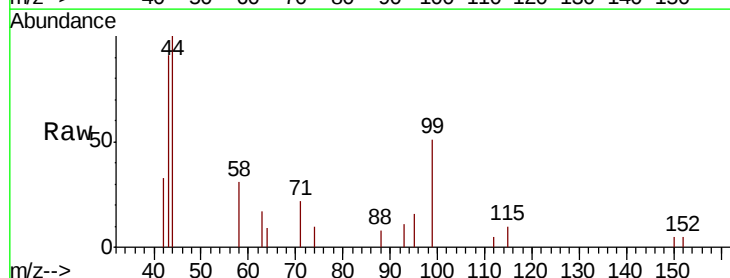
Tgt Ion: 99 Resp: 1590

Ion Ratio Lower Upper

99 100

42 31.8 16.4 24.6#

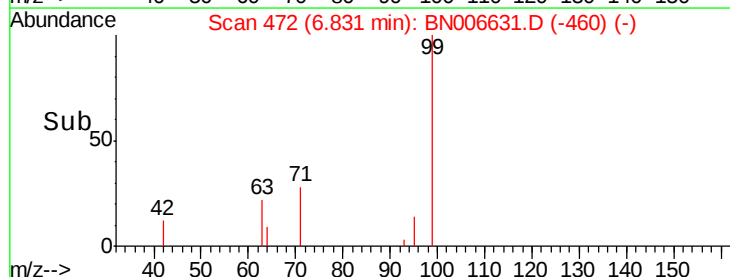
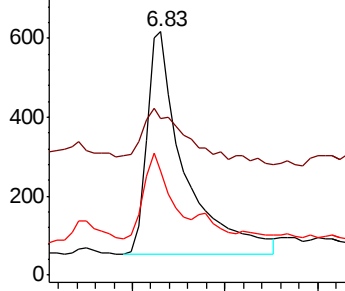
71 27.5 26.6 40.0

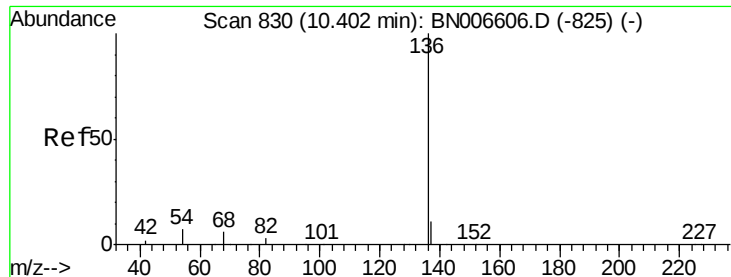


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: BN006631.D

Acq: 29 Jun 2019 01:38

Instrument :

BNA_N

ClientSampled :

MW-4

Tgt Ion:136 Resp: 16610

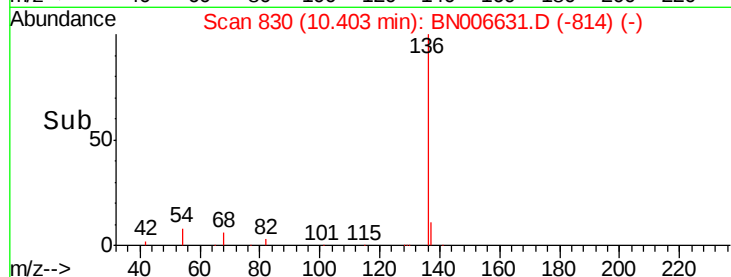
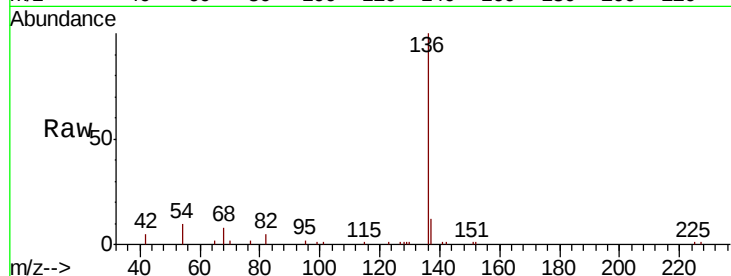
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 9.8 6.7 10.1

68 7.8 5.3 7.9

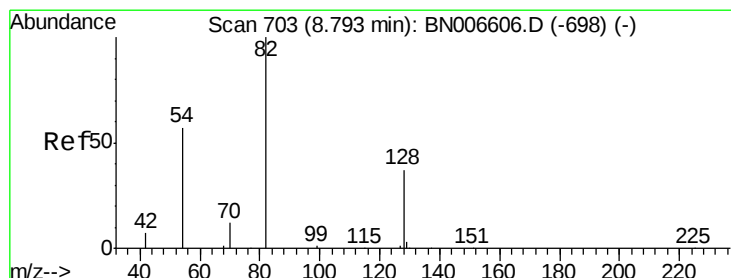
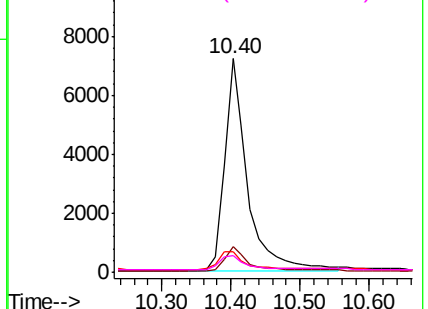


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006631.D

Acq: 29 Jun 2019 01:38

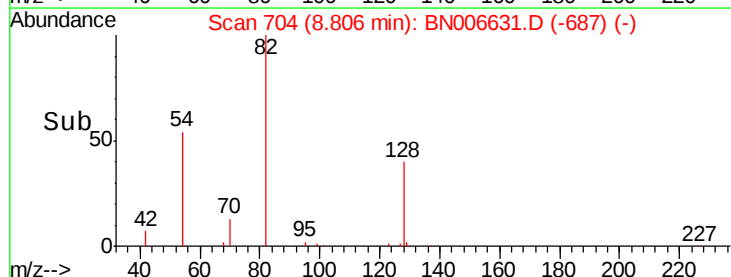
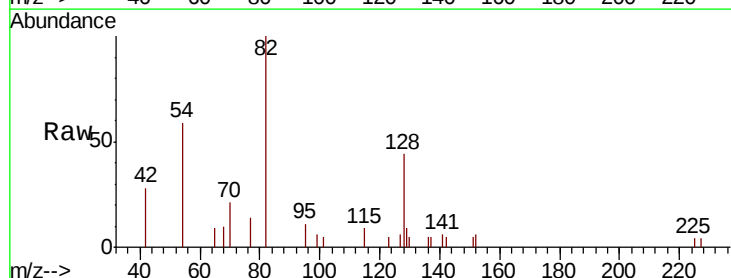
Tgt Ion: 82 Resp: 4092

Ion Ratio Lower Upper

82 100

128 44.1 32.6 49.0

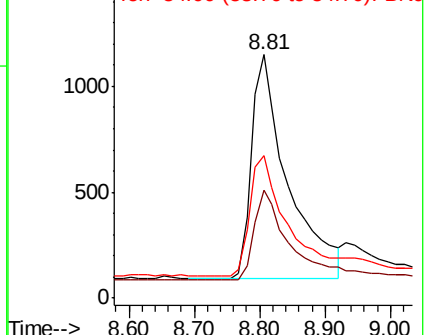
54 58.6 48.2 72.4

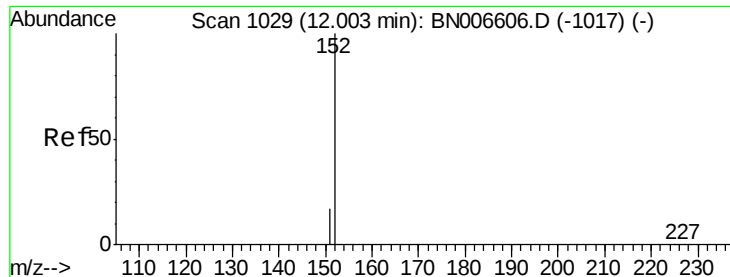


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

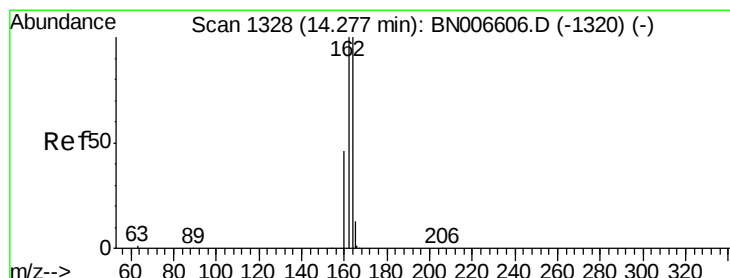
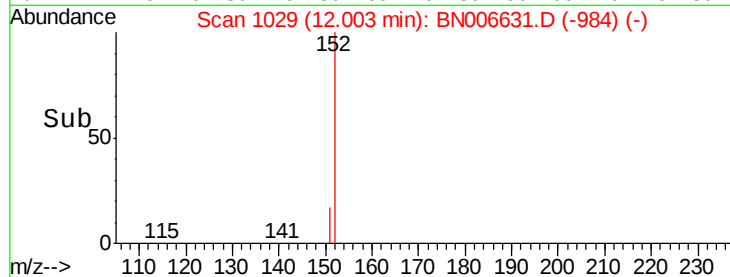
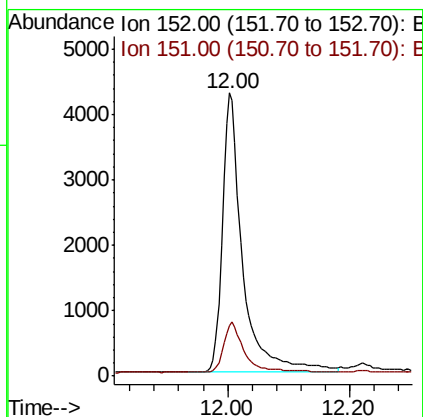
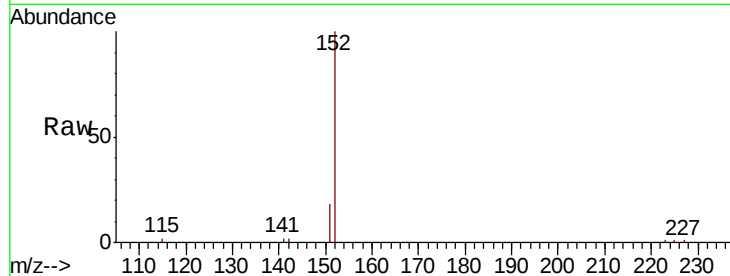




#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.00 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BN006631.D
Acq: 29 Jun 2019 01:38

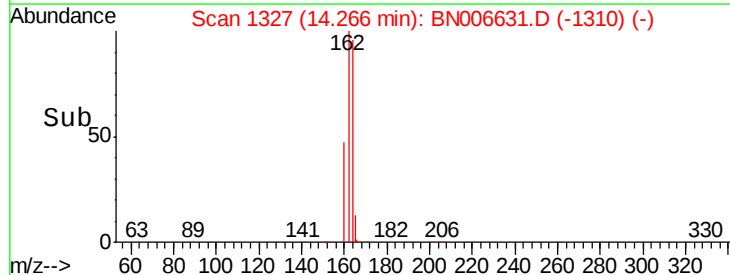
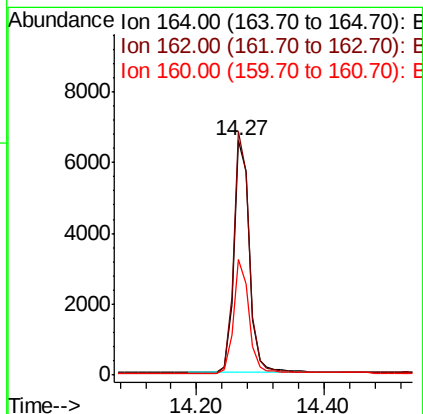
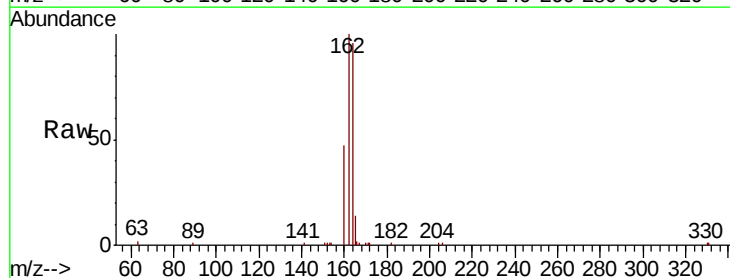
Instrument :
BNA_N
ClientSampleId :
MW-4

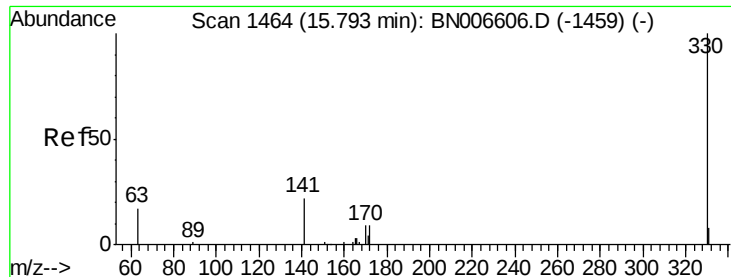
Tgt Ion:152 Resp: 9839
Ion Ratio Lower Upper
152 100
151 18.8 15.0 22.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006631.D
Acq: 29 Jun 2019 01:38

Tgt Ion:164 Resp: 11236
Ion Ratio Lower Upper
164 100
162 103.9 80.0 120.0
160 49.2 37.0 55.4

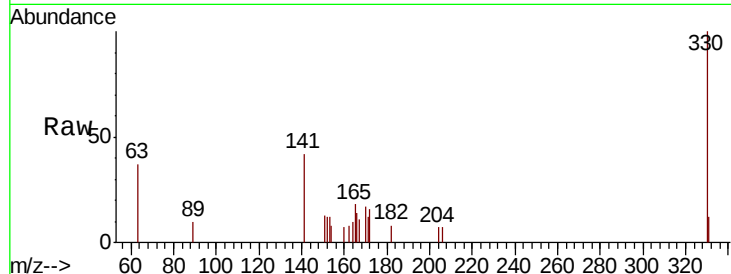




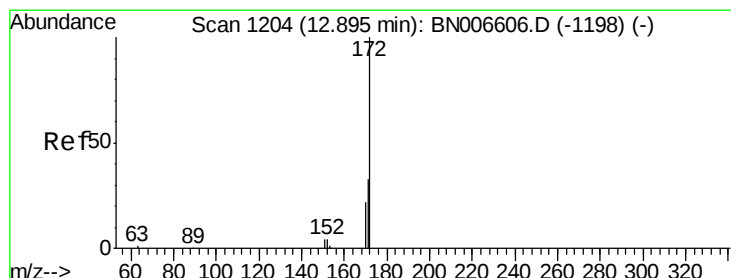
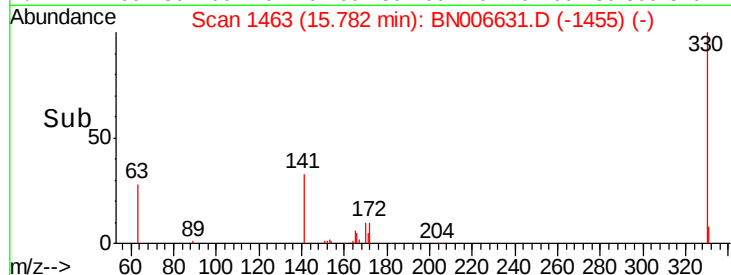
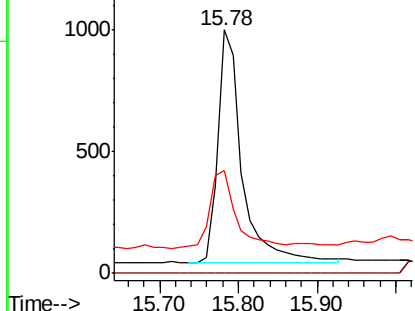
#14
 2,4,6-Tribromophenol
 Concen: 0.387 ng
 RT: 15.78 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BN006631.D
 Acq: 29 Jun 2019 01:38

Instrument :
 BNA_N
 ClientSampleId :
 MW-4

Tgt Ion: 330 Resp: 2046
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.4 26.5 39.7

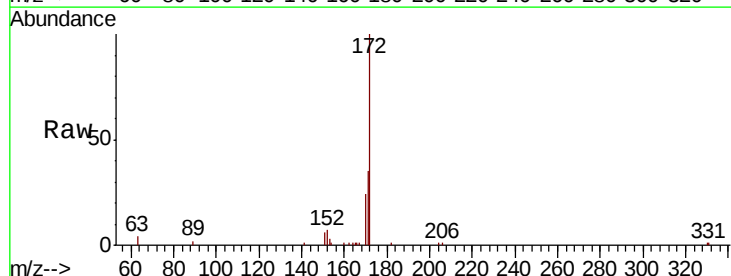


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

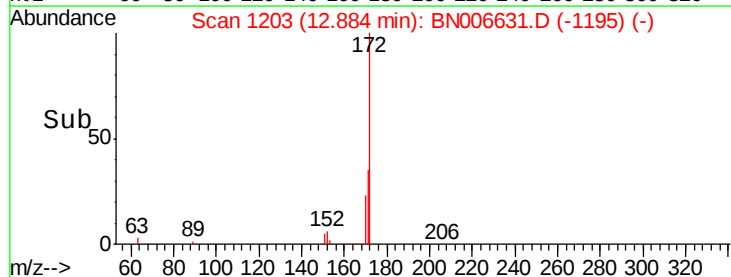
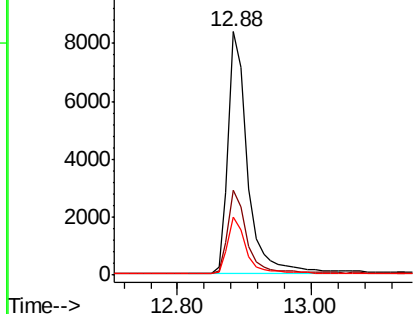


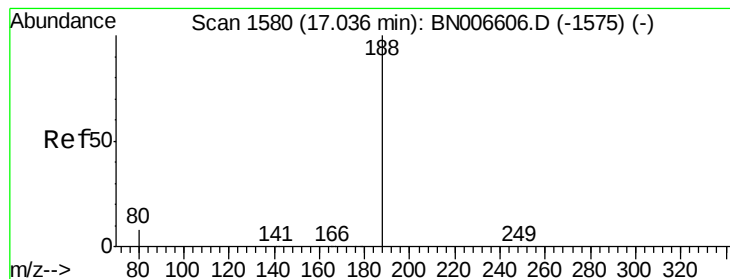
#15
 2-Fluorobiphenyl
 Concen: 0.407 ng
 RT: 12.88 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BN006631.D
 Acq: 29 Jun 2019 01:38

Tgt Ion: 172 Resp: 16960
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.0 40.4
 170 23.9 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: BN006631.D

Acq: 29 Jun 2019 01:38

Instrument :

BNA_N

ClientSampleId :

MW-4

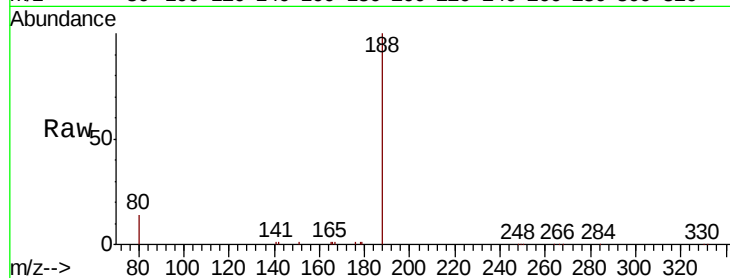
Tgt Ion:188 Resp: 26031

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

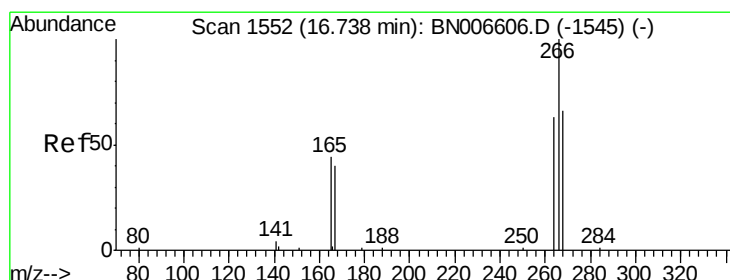
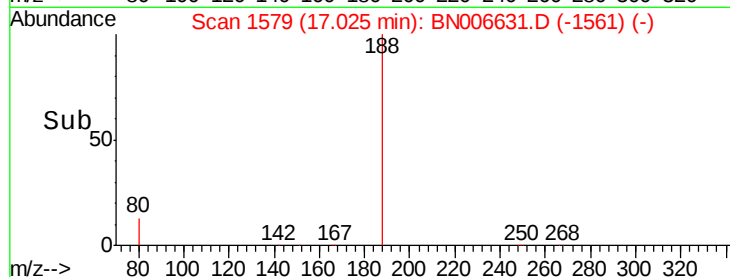
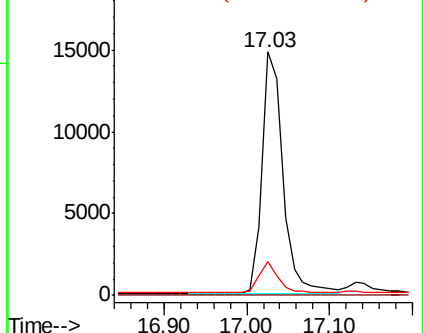
80 13.8 7.1 10.7#



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



#22

Pentachlorophenol

Concen: 0.195 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN006631.D

Acq: 29 Jun 2019 01:38

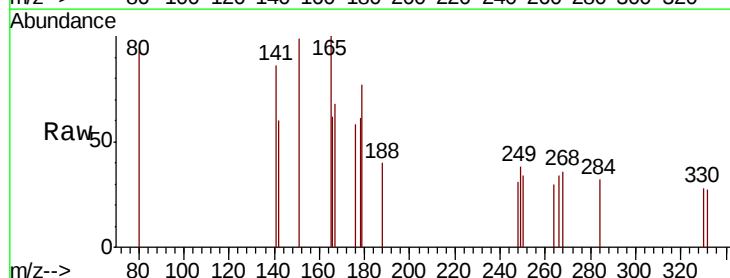
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 87.9 56.2 84.4#

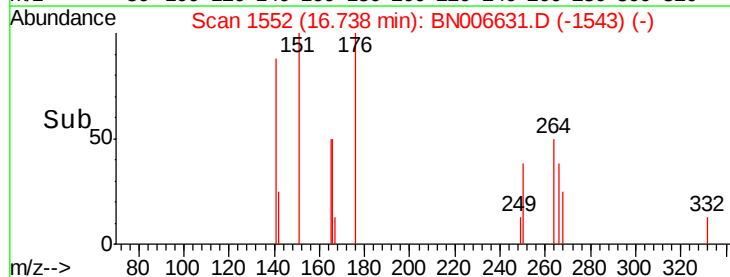
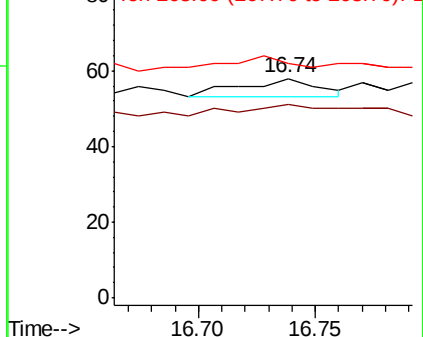
268 106.9 63.0 94.4#

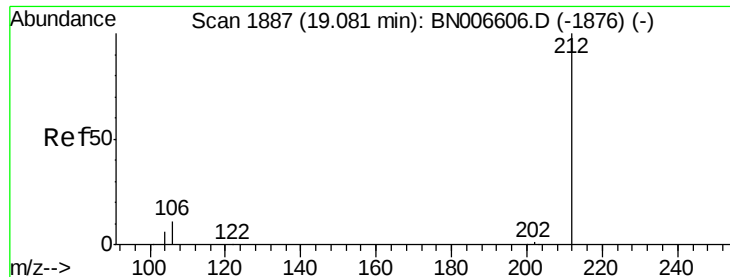


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN006631.D

Acq: 29 Jun 2019 01:38

Instrument :

BNA_N

ClientSampleId :

MW-4

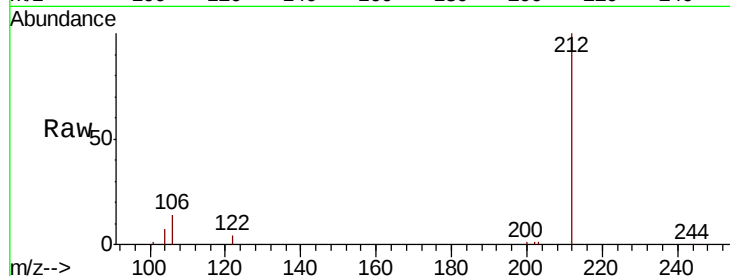
Tgt Ion:212 Resp: 30400

Ion Ratio Lower Upper

212 100

106 15.0 10.6 15.8

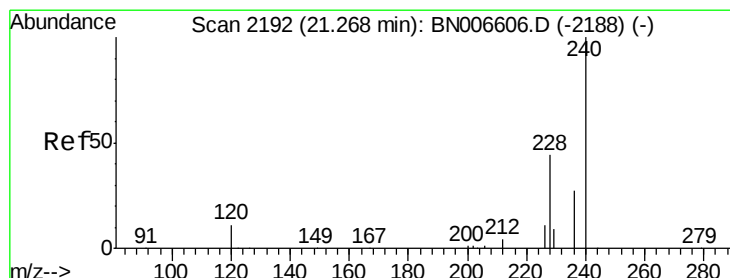
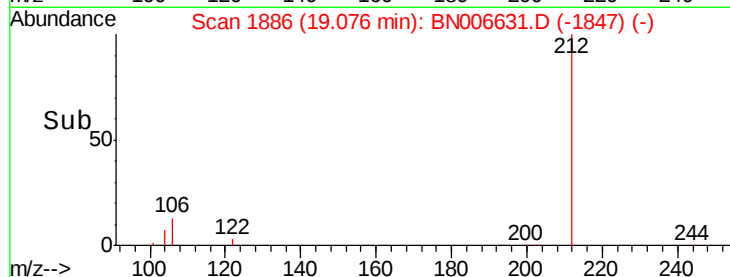
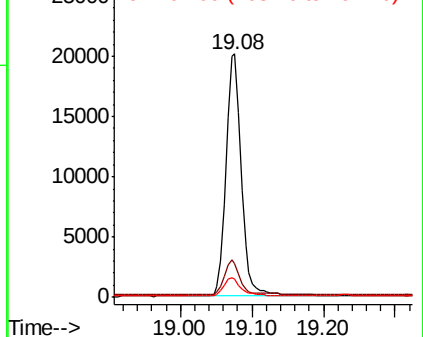
104 8.1 5.8 8.6



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: BN006631.D

Acq: 29 Jun 2019 01:38

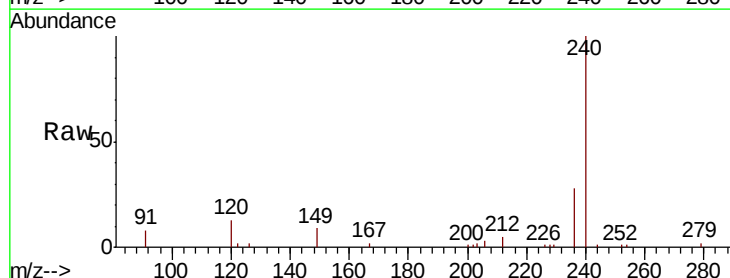
Tgt Ion:240 Resp: 27422

Ion Ratio Lower Upper

240 100

120 13.4 9.9 14.9

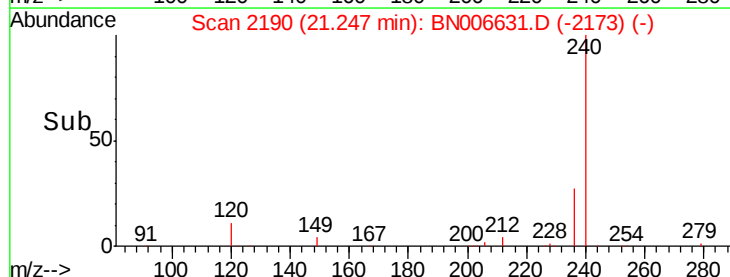
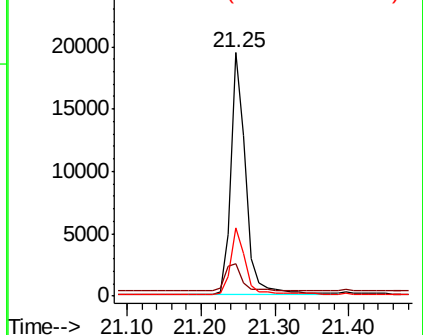
236 28.0 22.2 33.4

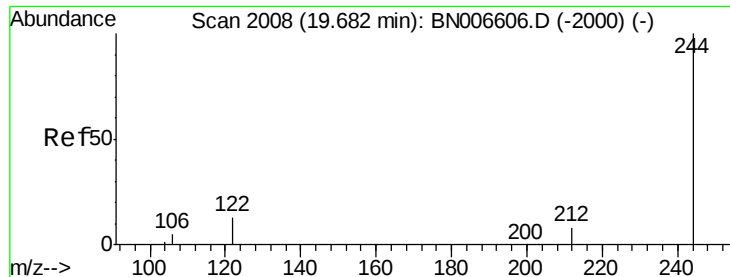


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.487 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006631.D

Acq: 29 Jun 2019 01:38

Instrument :

BNA_N

ClientSampleId :

MW-4

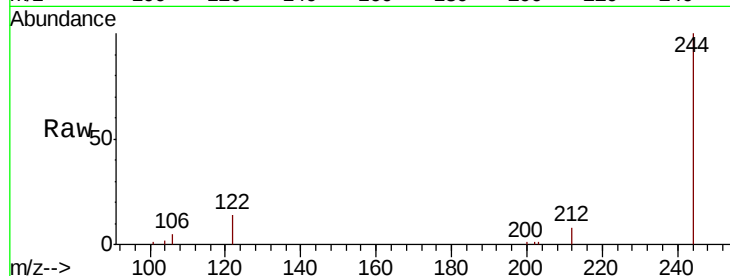
Tgt Ion:244 Resp: 27960

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

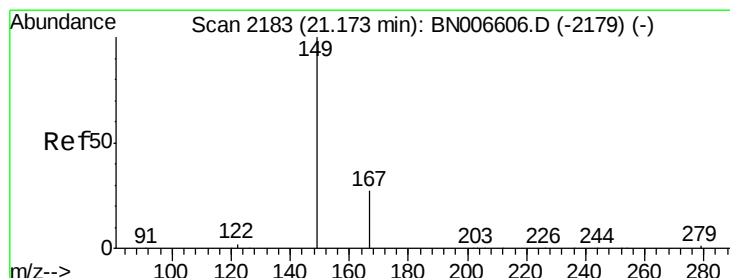
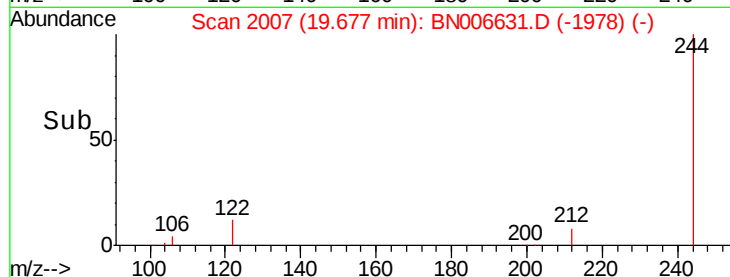
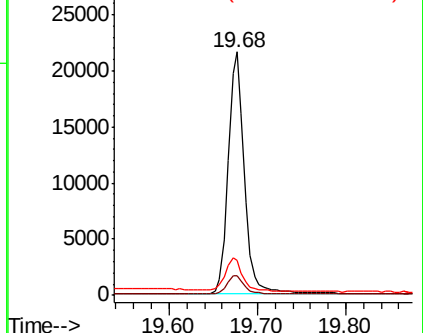
122 14.3 11.0 16.6



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: 0.136 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006631.D

Acq: 29 Jun 2019 01:38

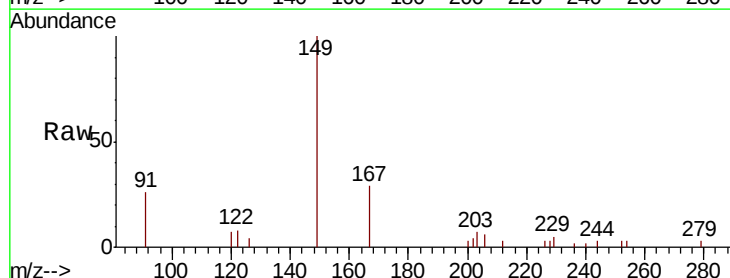
Tgt Ion:149 Resp: 6124

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

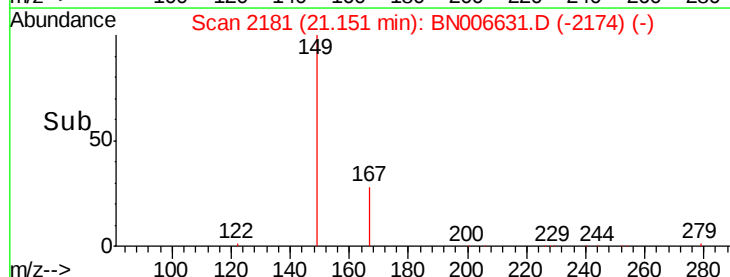
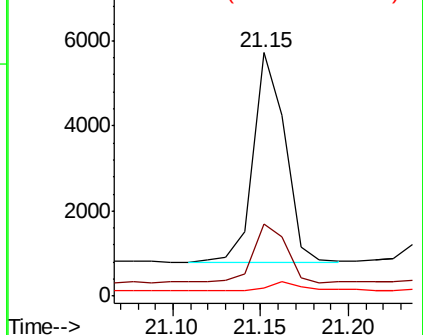
279 5.1 3.3 4.9#

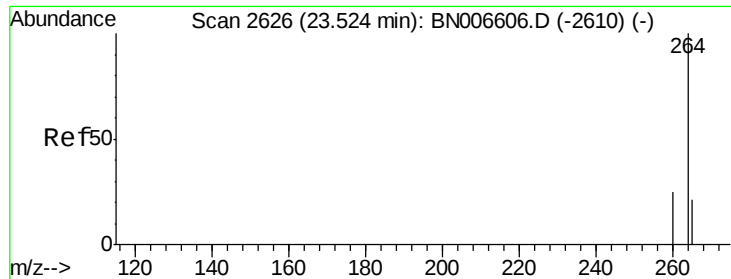


Abundance Ion 149.00 (148.70 to 149.70): E

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: BN006631.D

Acq: 29 Jun 2019 01:38

Instrument :

BNA_N

ClientSampleId :

MW-4

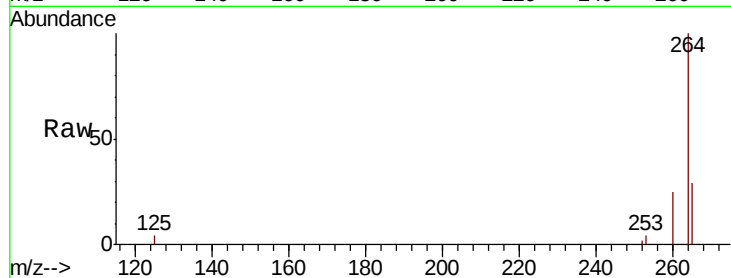
Tgt Ion: 264 Resp: 27602

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 29.3 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

