

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007635.D
 Acq On : 13 Sep 2019 20:01
 Operator : HP/JU
 Sample : K4858-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20190909

Quant Time: Sep 16 04:51:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

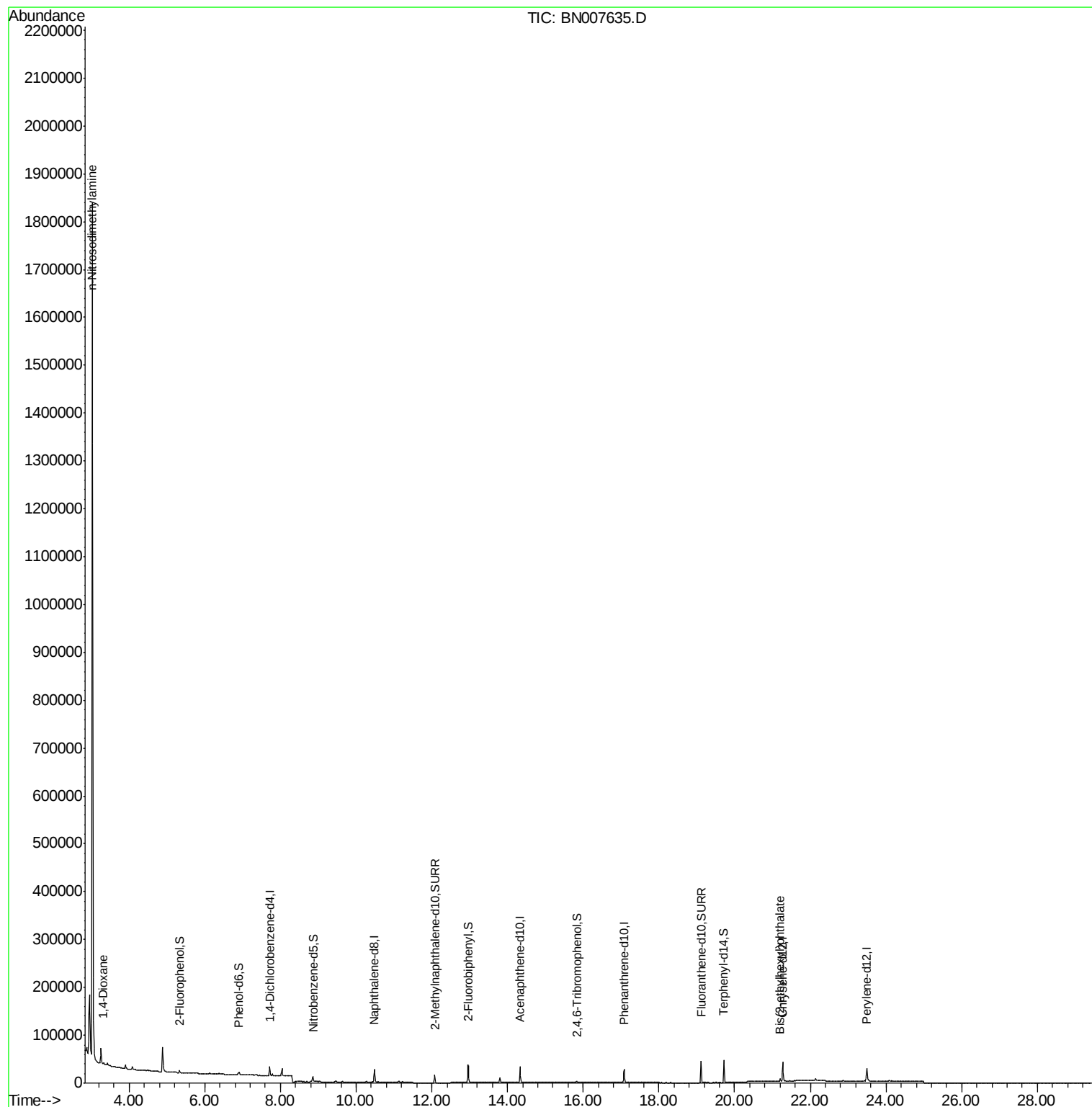
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	8734	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	33676	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	18372	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	37474	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36192	0.40	ng	-0.01
34) Perylene-d12	23.49	264	36152	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	4472	0.16	ng	0.00
5) Phenol-d6	6.89	99	4353	0.13	ng	0.00
8) Nitrobenzene-d5	8.86	82	10391	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	23404	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1830	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	36110	0.45	ng	0.00
25) Fluoranthene-d10	19.11	212	52151	0.44	ng	0.00
29) Terphenyl-d14	19.72	244	46256	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	2591	0.248	ng	# 77
3) n-Nitrosodimethylamine	3.03	42	147249	31.007	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	4672	0.107	ng	# 98

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

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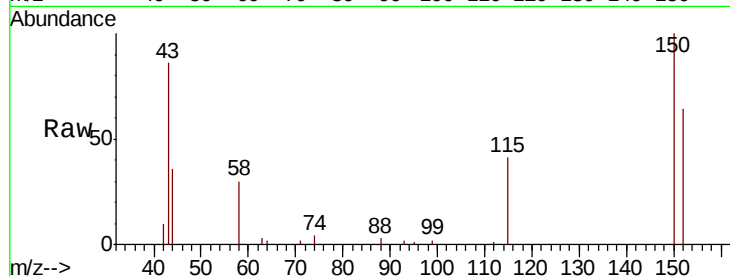


#1

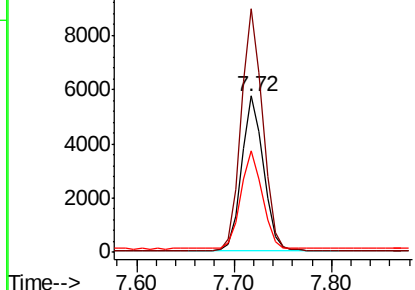
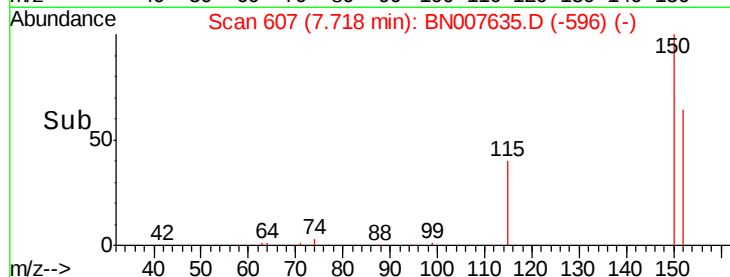
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007635.D
Acq: 13 Sep 2019 20:01

Instrument :
BNA_N
ClientSampleId :
MW202D1-20190909

Tot Ion:152 Resp: 8734
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 64.7 50.4 75.6



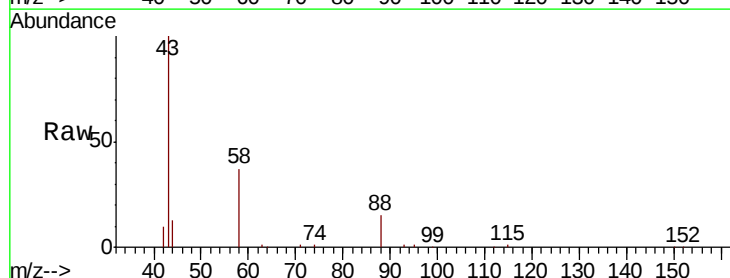
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



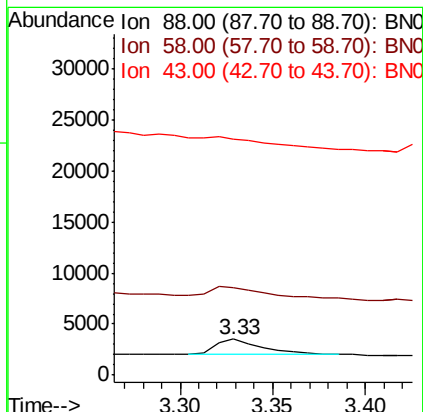
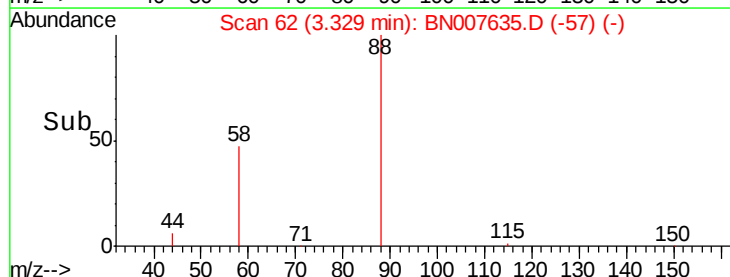
#2

1,4-Dioxane
Concen: 0.248 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007635.D
Acq: 13 Sep 2019 20:01

Tgt Ion: 88 Resp: 2591
Ion Ratio Lower Upper
88 100
58 82.9 57.0 85.4
43 0.0 20.0 30.0#



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





#3

n-Nitrosodimethylamine

Concen: 31.007 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

Instrument :

BNA_N

ClientSampleId :

MW202D1-20190909

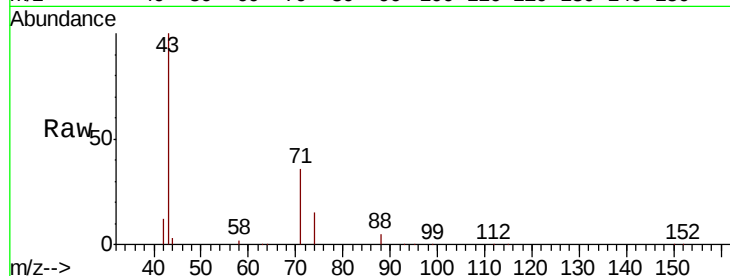
Tot Ion: 42 Resp: 147249

Ion Ratio Lower Upper

42 100

74 145.2 9.8 14.8#

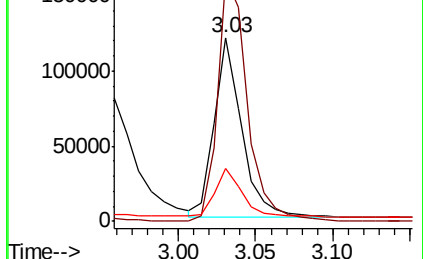
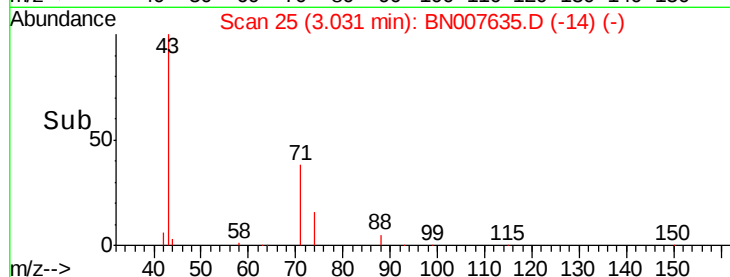
44 26.6 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.160 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

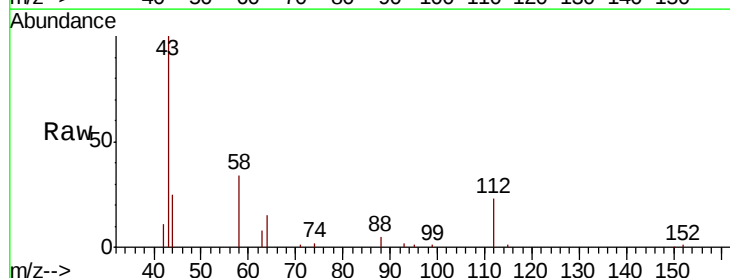
Tgt Ion: 112 Resp: 4472

Ion Ratio Lower Upper

112 100

64 58.6 48.5 72.7

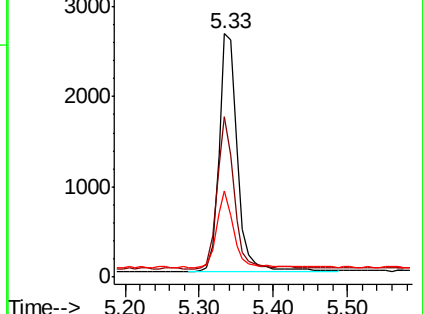
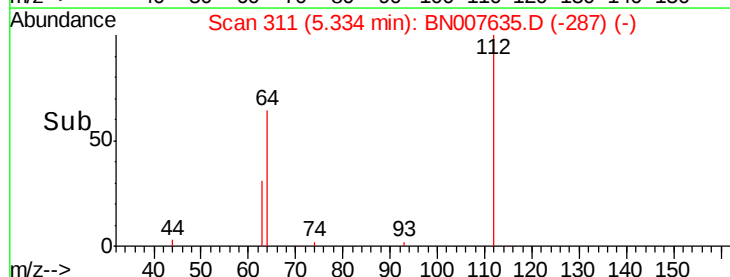
63 29.1 24.4 36.6

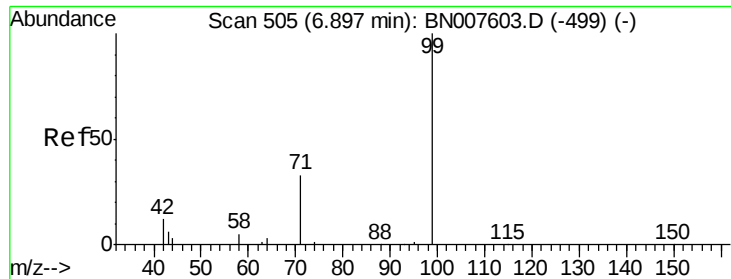


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.133 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

Instrument :

BNA_N

ClientSampleId :

MW202D1-20190909

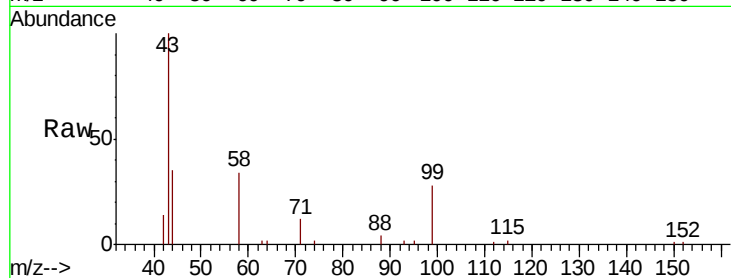
Tot Ion: 99 Resp: 4353

Ion Ratio Lower Upper

99 100

42 21.4 11.8 17.6#

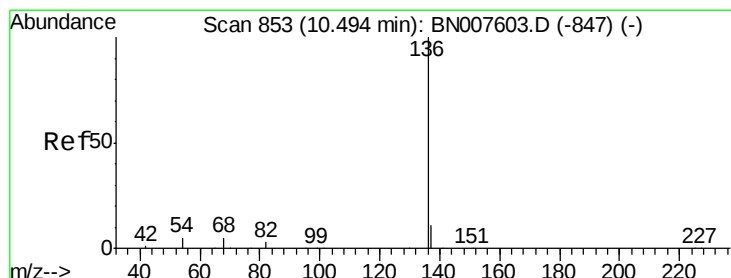
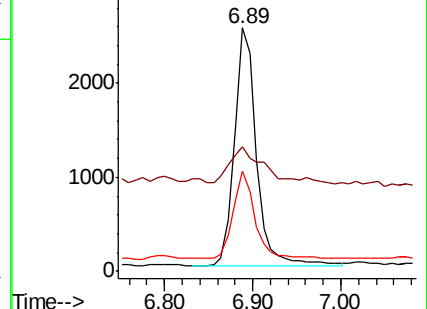
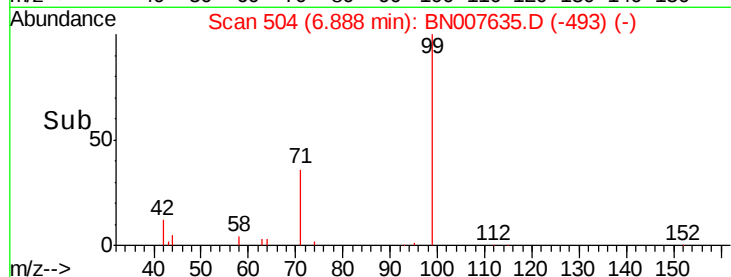
71 37.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

Tgt Ion: 136 Resp: 33676

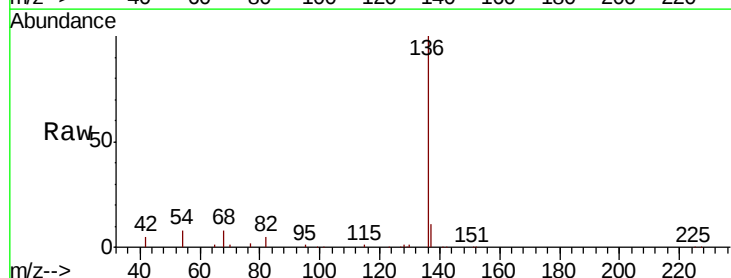
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.0 4.2 6.4#

68 8.4 4.6 7.0#

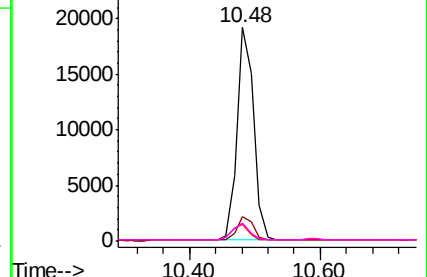
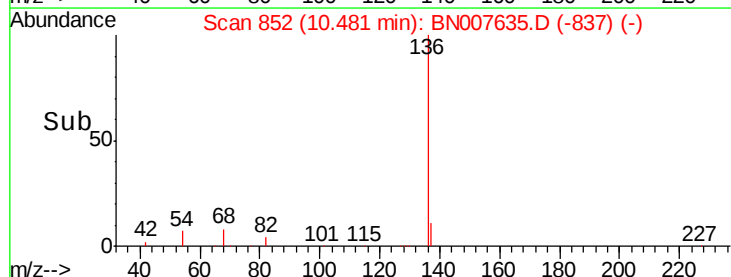


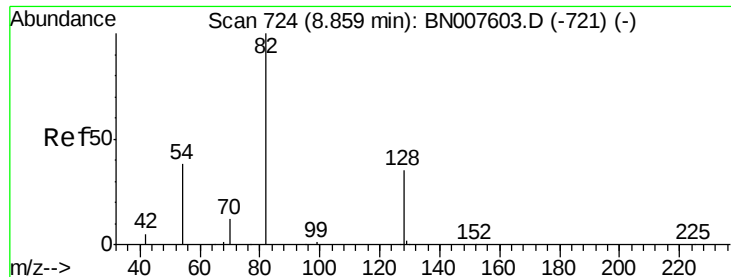
Abundance Ion 136.00 (135.70 to 136.70): BN007603.D (-847) (-)

Ion 137.00 (136.70 to 137.70): BN007603.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007603.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007603.D (-847) (-)





#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

Instrument :

BNA_N

ClientSampleId :

MW202D1-20190909

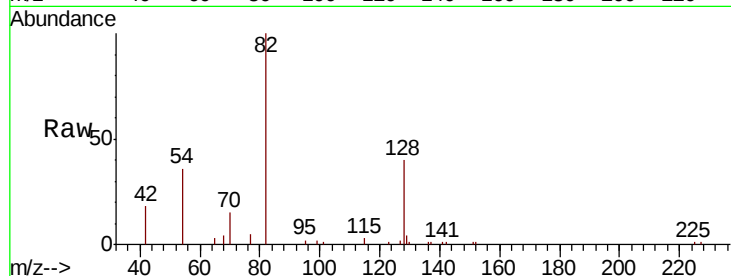
Tot Ion: 82 Resp: 10391

Ion Ratio Lower Upper

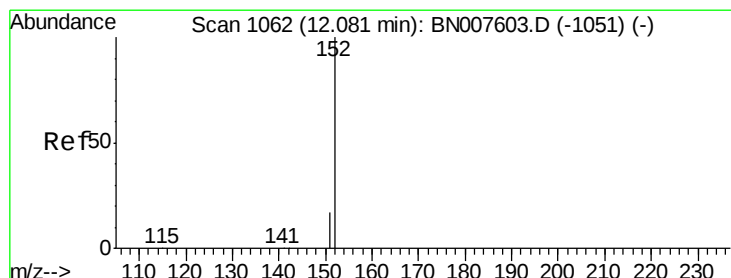
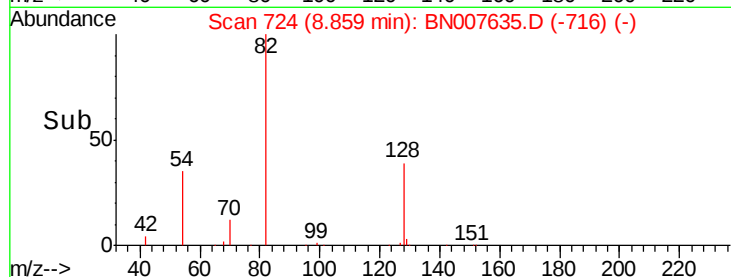
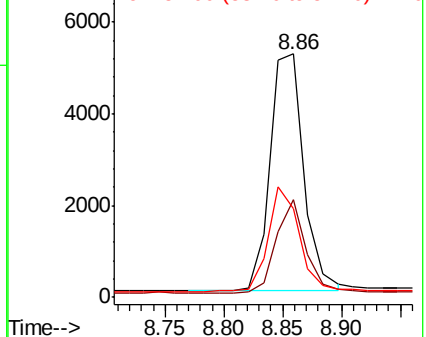
82 100

128 40.2 27.9 41.9

54 36.2 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0



#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007635.D

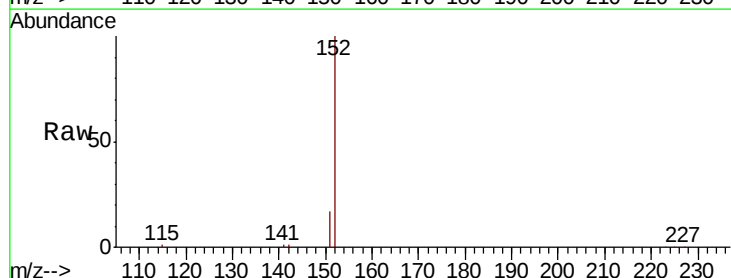
Acq: 13 Sep 2019 20:01

Tgt Ion: 152 Resp: 23404

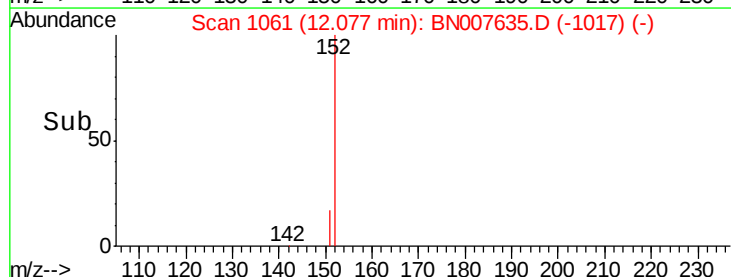
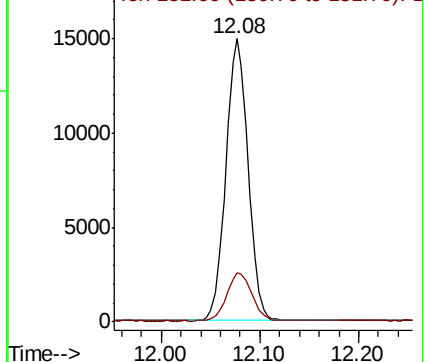
Ion Ratio Lower Upper

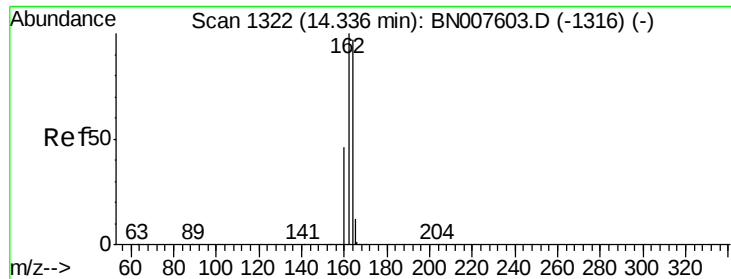
152 100

151 18.9 15.3 22.9



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: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

Instrument :

BNA_N

ClientSampleId :

MW202D1-20190909

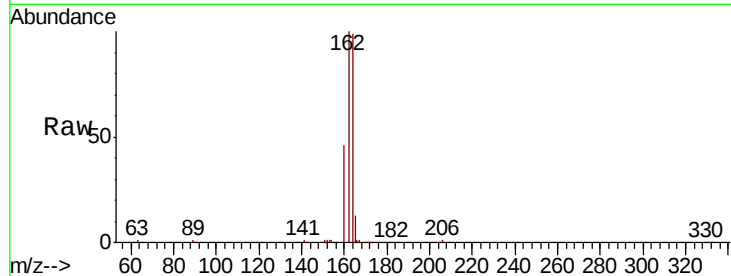
Tot Ion:164 Resp: 18372

Ion Ratio Lower Upper

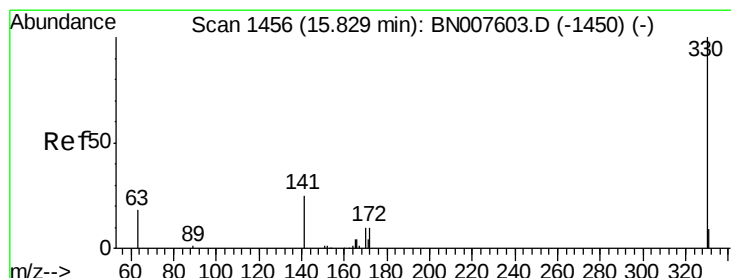
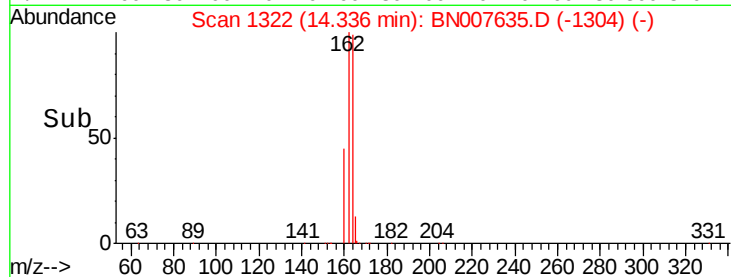
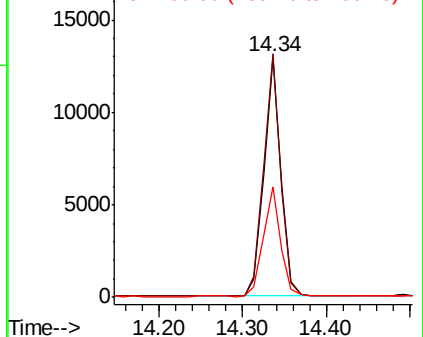
164 100

162 101.4 82.8 124.2

160 46.1 38.0 57.0



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: 0.263 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

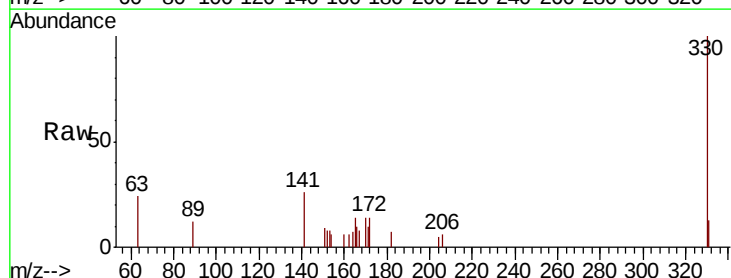
Tgt Ion:330 Resp: 1830

Ion Ratio Lower Upper

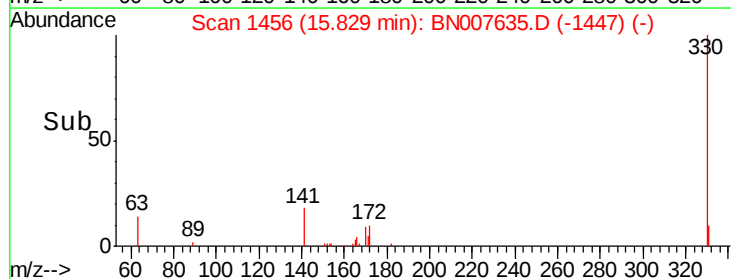
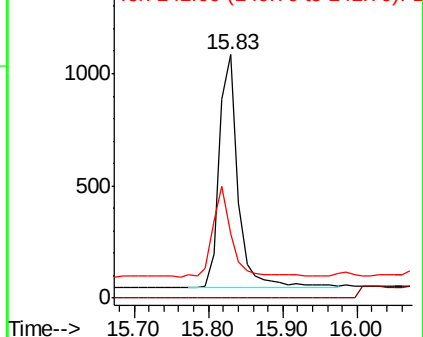
330 100

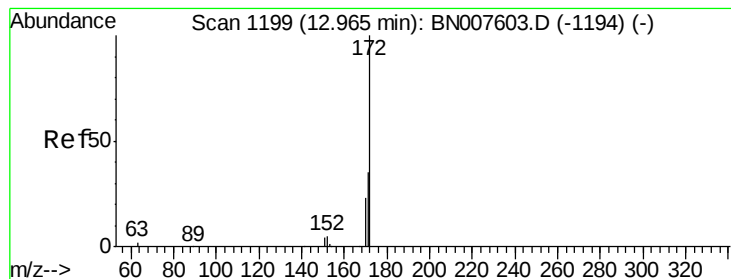
332 0.0 0.0 0.0

141 38.4 30.1 45.1



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: 0.451 ng

RT: 12.96 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

Instrument :

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MW202D1-20190909

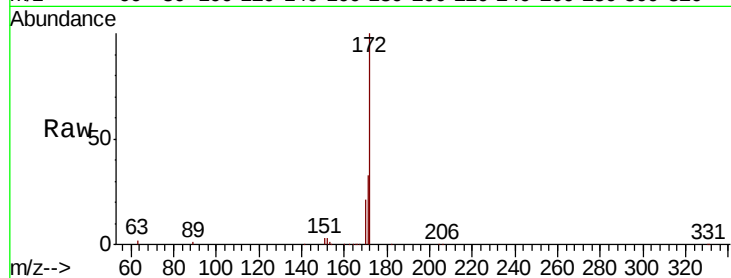
Tot Ion:172 Resp: 36110

Ion Ratio Lower Upper

172 100

171 33.3 27.9 41.9

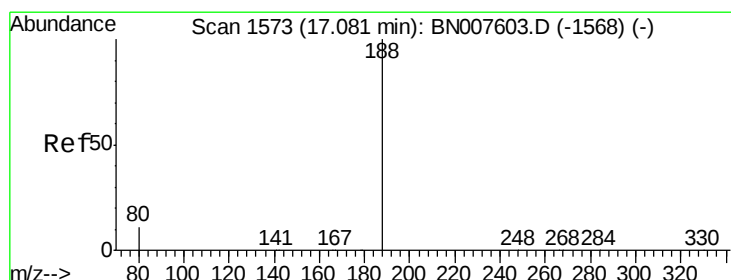
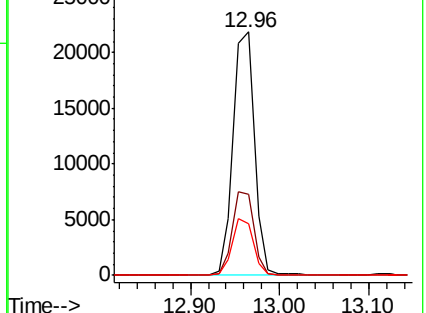
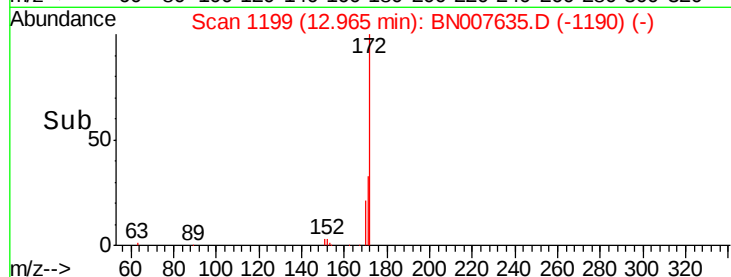
170 21.2 18.5 27.7



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: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

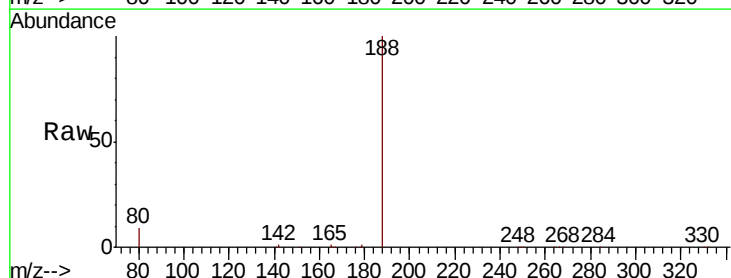
Tgt Ion:188 Resp: 37474

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

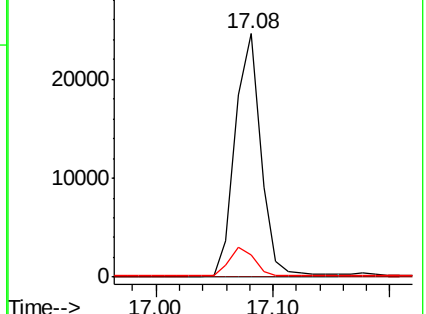
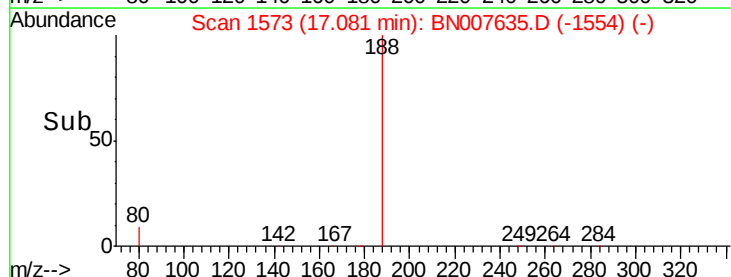
80 9.1 8.8 13.2

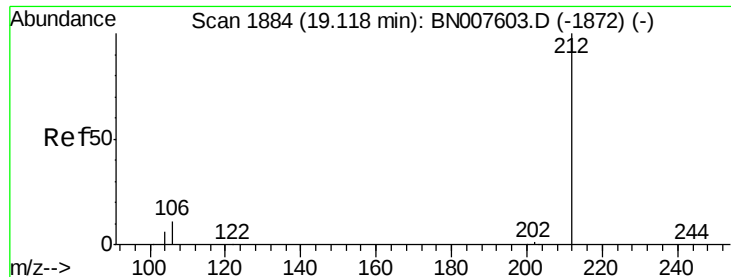


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

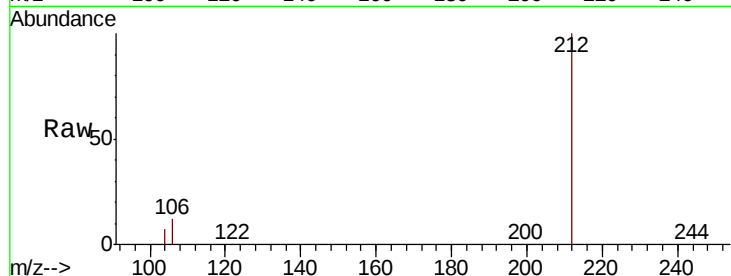




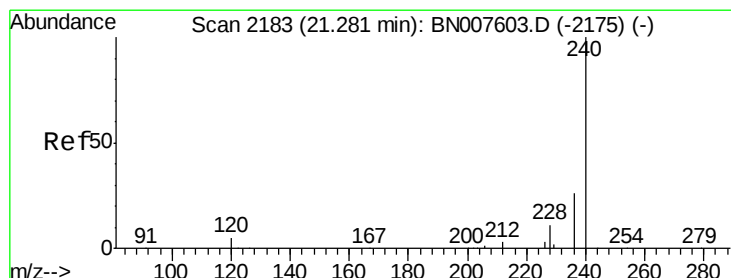
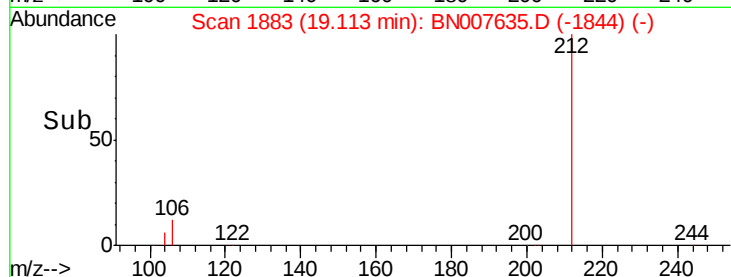
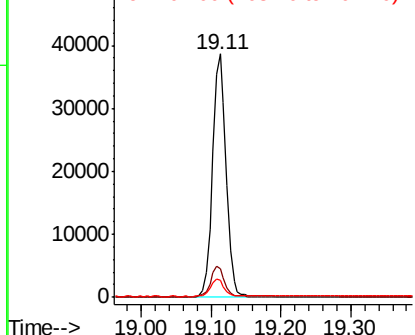
#25
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007635.D
Acq: 13 Sep 2019 20:01

Instrument :
BNA_N
ClientSampleId :
MW202D1-20190909

Tot Ion:212 Resp: 52151
Ion Ratio Lower Upper
212 100
106 12.3 9.6 14.4
104 7.0 5.4 8.0

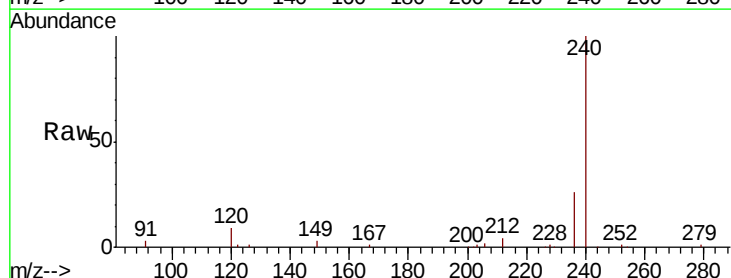


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

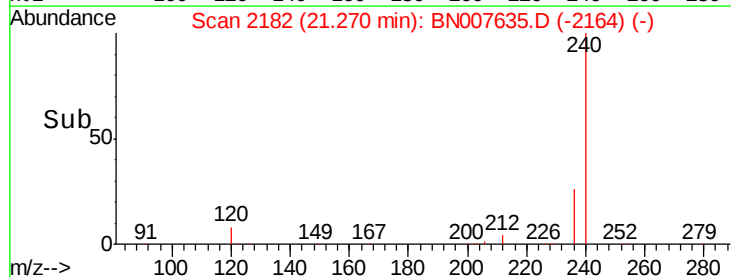
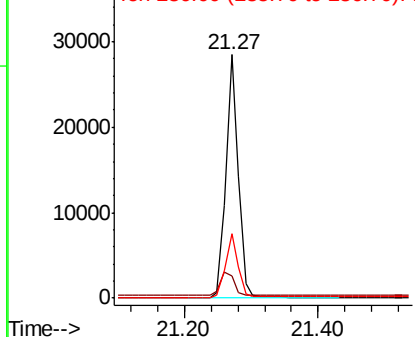


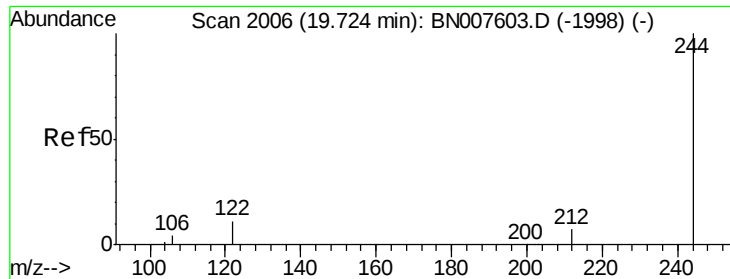
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007635.D
Acq: 13 Sep 2019 20:01

Tgt Ion:240 Resp: 36192
Ion Ratio Lower Upper
240 100
120 8.9 4.3 6.5#
236 26.5 20.8 31.2



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: 0.485 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

Instrument :

BNA_N

ClientSampleId :

MW202D1-20190909

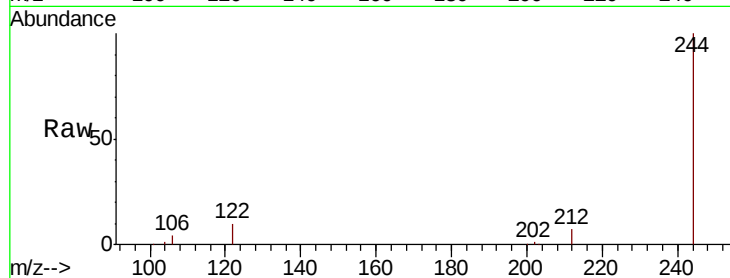
Tot Ion:244 Resp: 46256

Ion Ratio Lower Upper

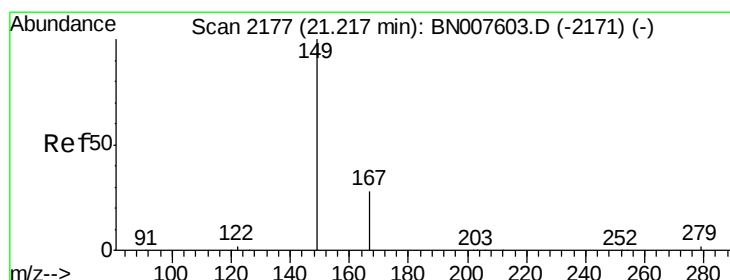
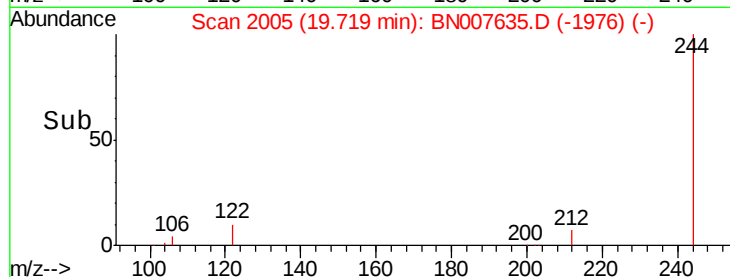
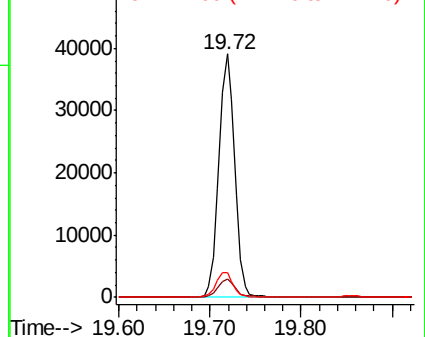
244 100

212 7.4 5.9 8.9

122 10.2 8.6 12.8



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: 0.107 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

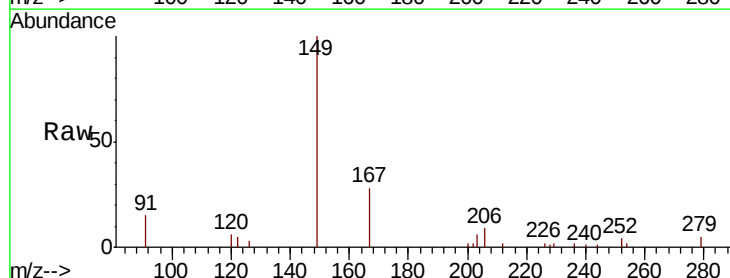
Tgt Ion:149 Resp: 4672

Ion Ratio Lower Upper

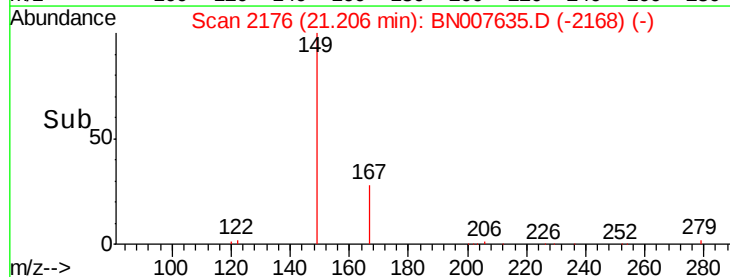
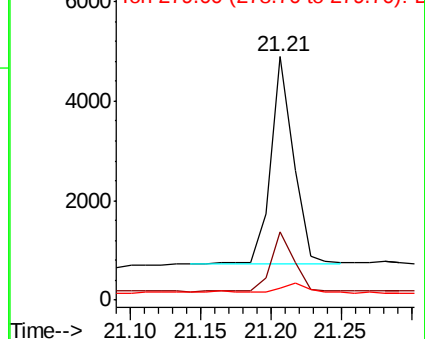
149 100

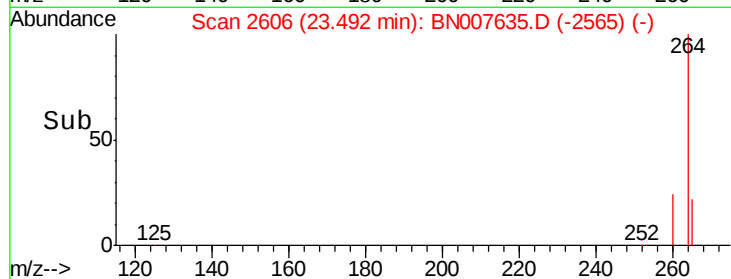
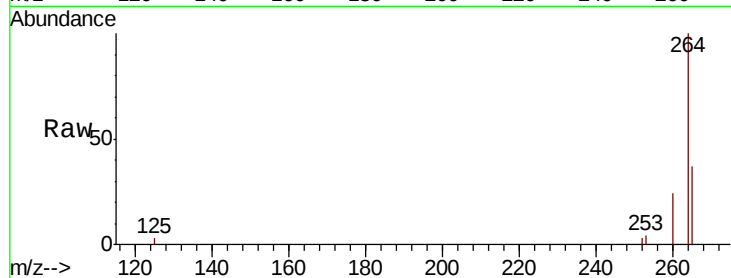
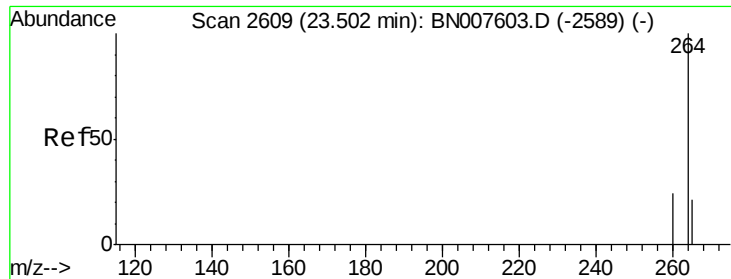
167 28.7 22.6 34.0

279 6.7 3.8 5.6#



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

Pervlene-d12

Concen: 0.400 ng

RT: 23.49 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BN007635.D

Acq: 13 Sep 2019 20:01

Instrument :

BNA_N

ClientSampleId :

MW202D1-20190909

Tot Ion:264 Resp: 36152

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 36.8 24.6 37.0

