

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003186.D
 Acq On : 17 Oct 2018 18:53
 Operator : MJ/SJ
 Sample : J5302-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TW-2

Quant Time: Oct 18 16:03:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 15:26:23 2018
 Response via : Initial Calibration

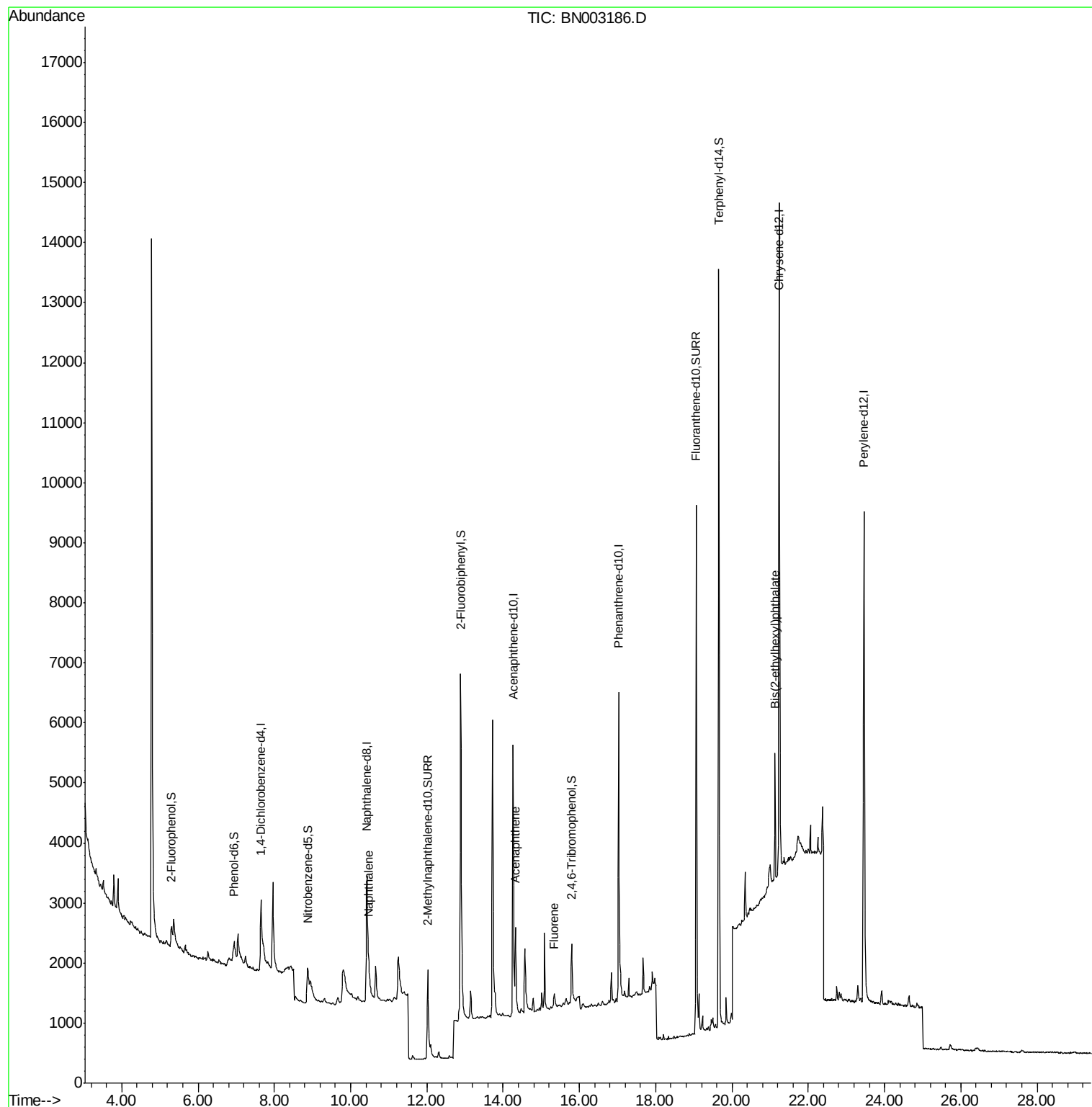
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1099	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	5038	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	3575	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	9548	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	11957	0.40	ng	-0.01
34) Perylene-d12	23.46	264	12879	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	576	0.24	ng	0.00
5) Phenol-d6	6.93	99	446	0.13	ng	0.00
8) Nitrobenzene-d5	8.87	82	1409	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.02	152	3354	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.79	330	1202	0.53	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	7409	0.53	ng	-0.04
25) Fluoranthene-d10	19.07	212	11988	0.41	ng	-0.01
29) Terphenyl-d14	19.66	244	14303	0.55	ng	-0.02
Target Compounds						
9) Naphthalene	10.48	128	828	0.066	ng	# 64
17) Acenaphthene	14.32	154	830	0.077	ng	# 98
18) Fluorene	15.34	166	297	0.021	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.13	149	1856	0.104	ng	# 97

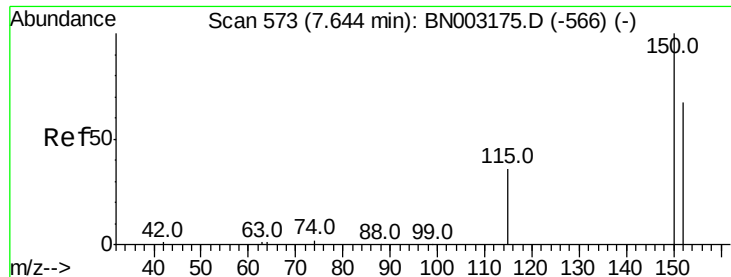
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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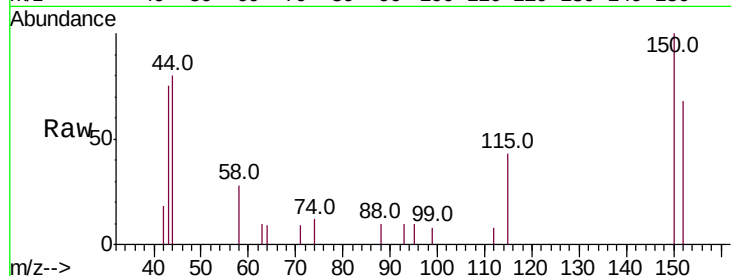


#1

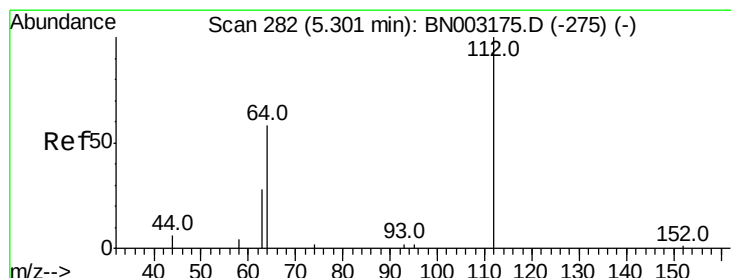
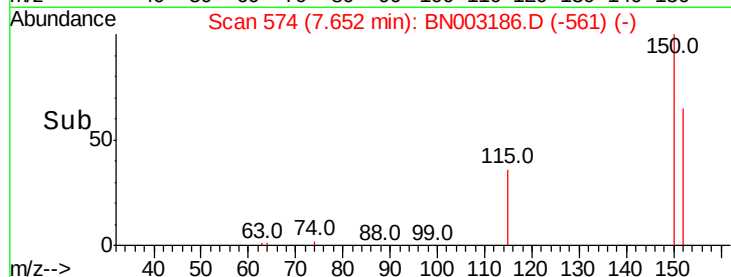
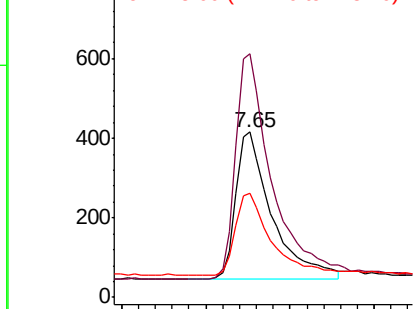
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 574
Delta R.T. 0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampled :
TW-2

Tot Ion:152 Resp: 1099
Ion Ratio Lower Upper
152 100
150 147.5 126.2 189.4
115 63.1 49.8 74.6



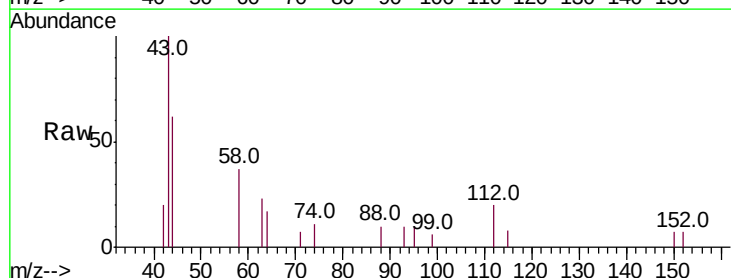
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



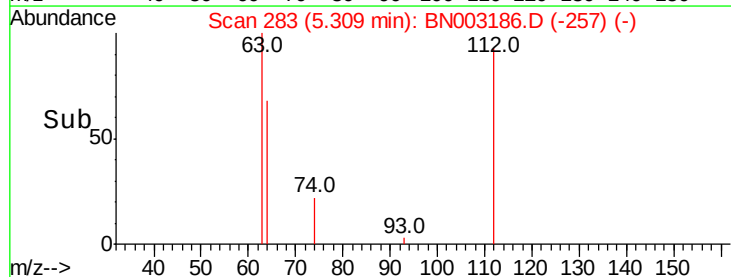
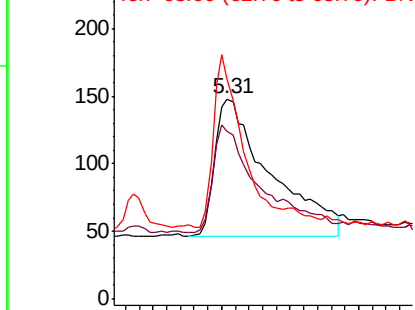
#4

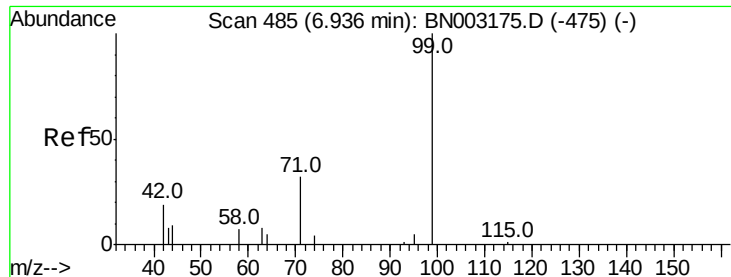
2-Fluorophenol
Concen: 0.237 ng
RT: 5.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:112 Resp: 576
Ion Ratio Lower Upper
112 100
64 67.5 49.0 73.4
63 71.5 25.9 38.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.129 ng

RT: 6.93 min Scan# 484

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampled :

TW-2

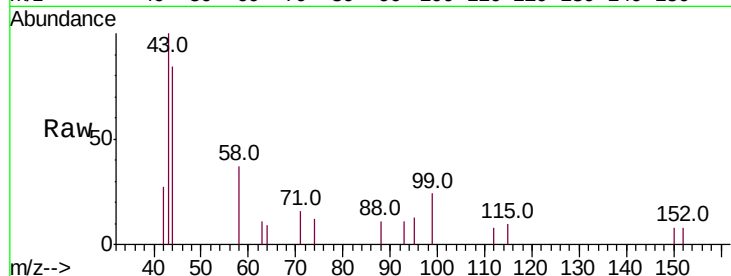
Tot Ion: 99 Resp: 446

Ion Ratio Lower Upper

99 100

42 9.0 15.4 23.2#

71 43.9 26.0 39.0#

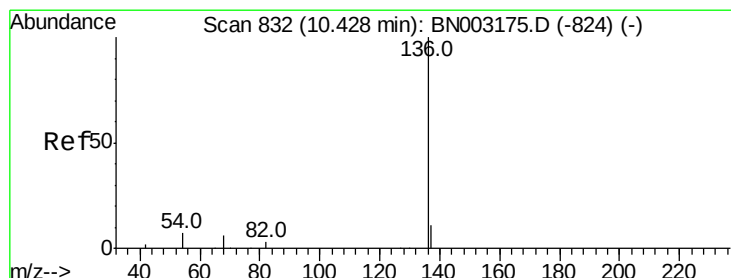
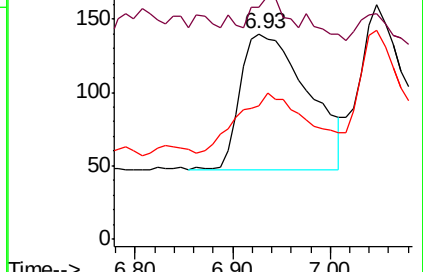
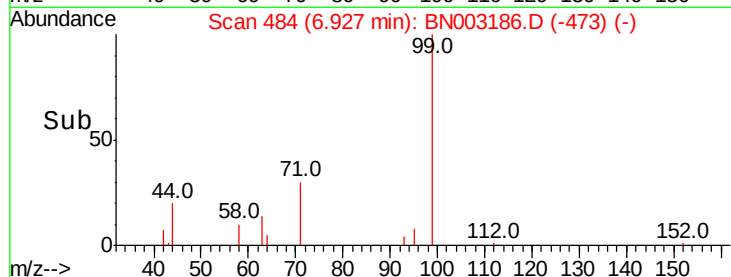


Abundance Ion 99.00 (98.70 to 99.70): BN003175.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN003175.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN003175.D (-475) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Tgt Ion: 136 Resp: 5038

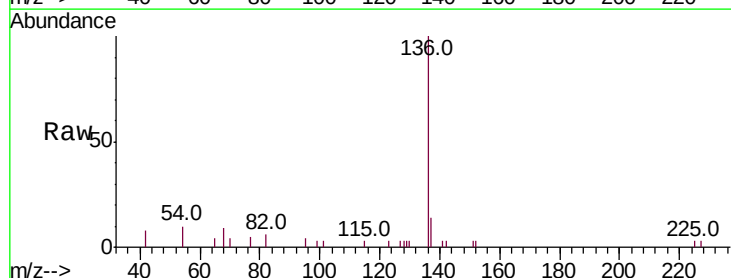
Ion Ratio Lower Upper

136 100

137 13.6 9.4 14.0

54 10.2 7.4 11.0

68 9.1 5.8 8.6#



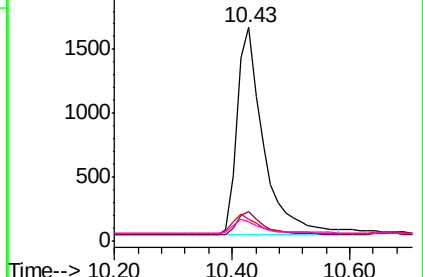
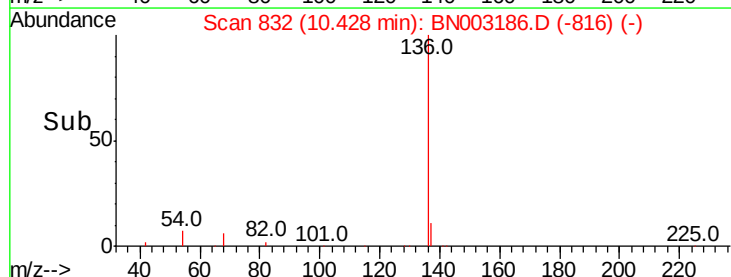
Abundance Ion 136.00 (135.70 to 136.70): BN003175.D (-824) (-)

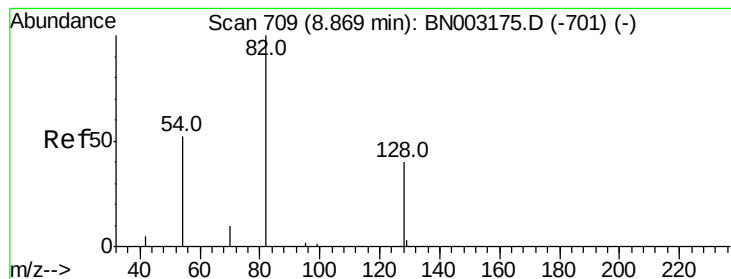
Ion 137.00 (136.70 to 137.70): BN003175.D (-824) (-)

Ion 54.00 (53.70 to 54.70): BN003175.D (-824) (-)

Ion 68.00 (67.70 to 68.70): BN003175.D (-824) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.434 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampled :

TW-2

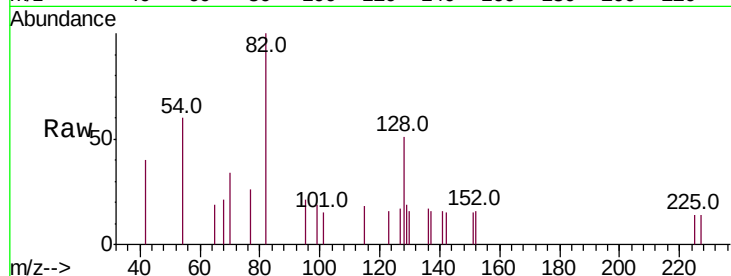
Tot Ion: 82 Resp: 1409

Ion Ratio Lower Upper

82 100

128 51.1 38.2 57.4

54 60.1 44.1 66.1

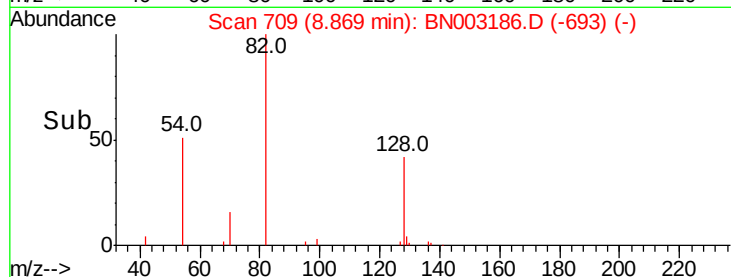


Abundance Ion 82.00 (81.70 to 82.70): BN003175.D (-701) (-)

Ion 128.00 (127.70 to 128.70): BN003175.D (-701) (-)

Ion 54.00 (53.70 to 54.70): BN003175.D (-701) (-)

Time--> 8.70 8.80 8.90 9.00 9.10



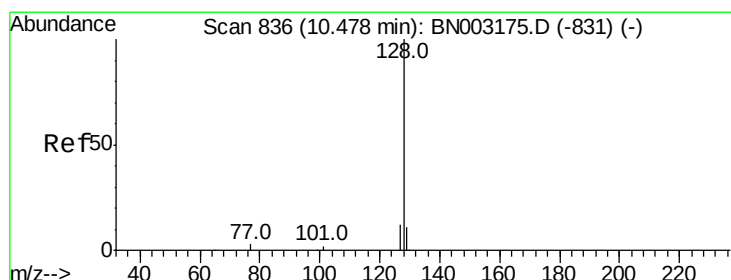
Abundance

Ion 82.00 (81.70 to 82.70): BN003186.D (-693) (-)

Ion 128.00 (127.70 to 128.70): BN003186.D (-693) (-)

Ion 54.00 (53.70 to 54.70): BN003186.D (-693) (-)

Time--> 8.70 8.80 8.90 9.00 9.10



#9

Naphthalene

Concen: 0.066 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

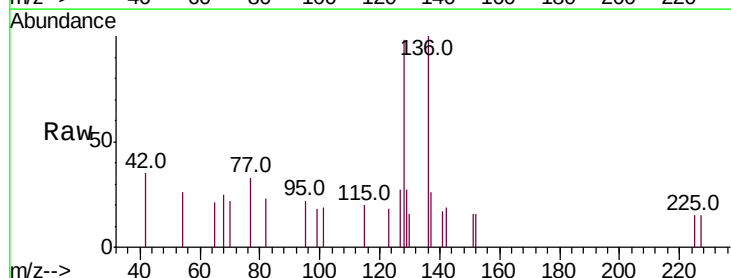
Tgt Ion: 128 Resp: 828

Ion Ratio Lower Upper

128 100

129 27.9 9.8 14.6#

127 27.2 11.4 17.2#

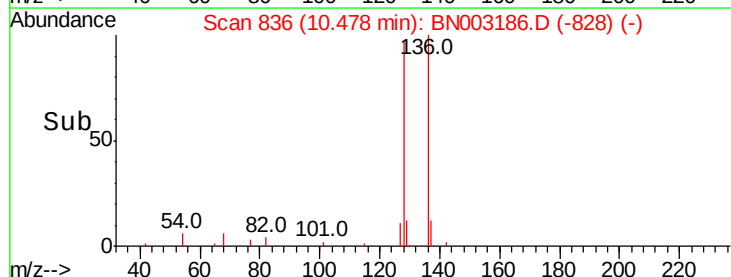


Abundance Ion 128.00 (127.70 to 128.70): BN003175.D (-831) (-)

Ion 129.00 (128.70 to 129.70): BN003175.D (-831) (-)

Ion 127.00 (126.70 to 127.70): BN003175.D (-831) (-)

Time--> 10.30 10.40 10.50 10.60



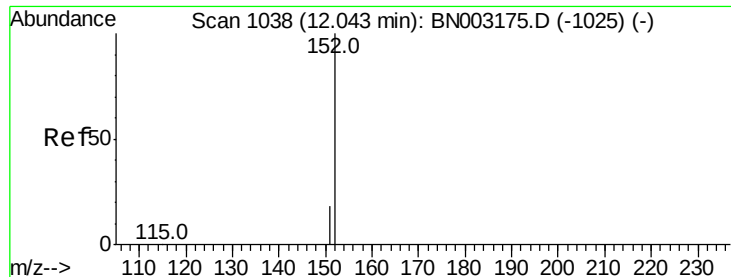
Abundance

Ion 128.00 (127.70 to 128.70): BN003186.D (-828) (-)

Ion 129.00 (128.70 to 129.70): BN003186.D (-828) (-)

Ion 127.00 (126.70 to 127.70): BN003186.D (-828) (-)

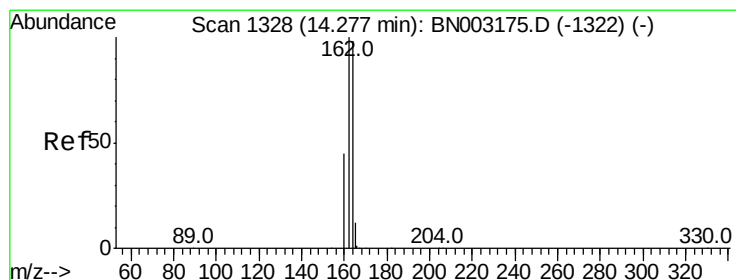
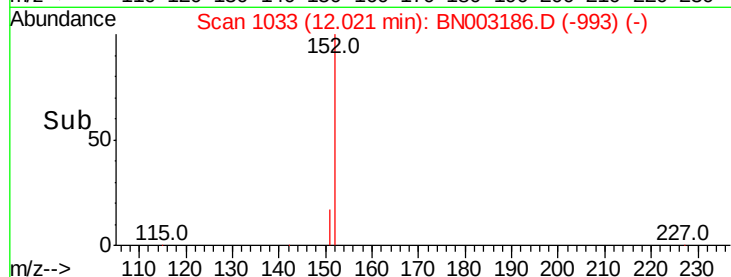
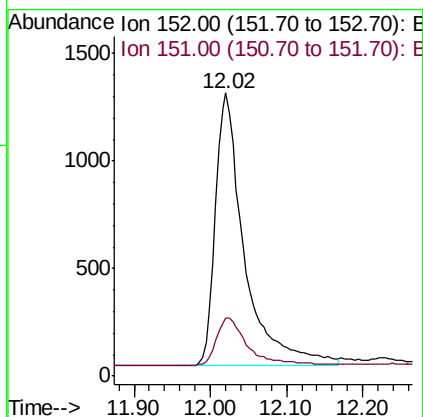
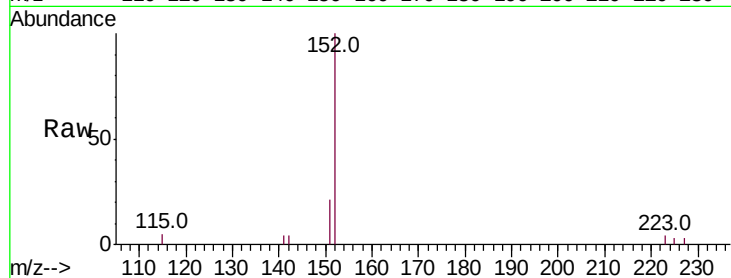
Time--> 10.30 10.40 10.50 10.60



#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.02 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

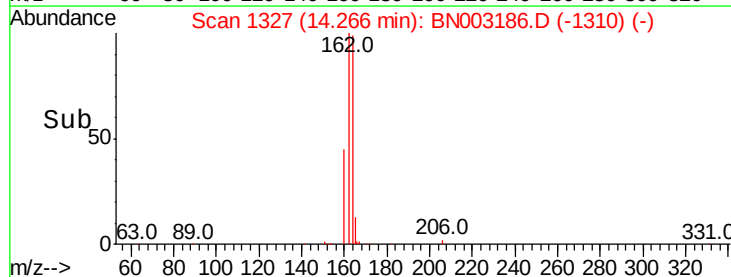
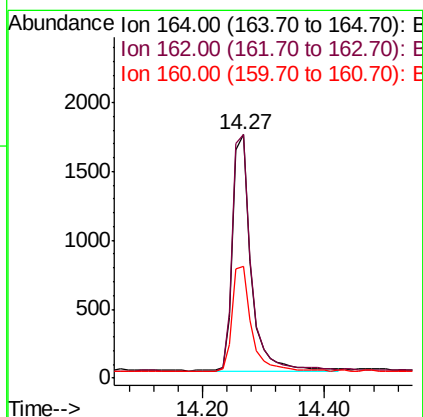
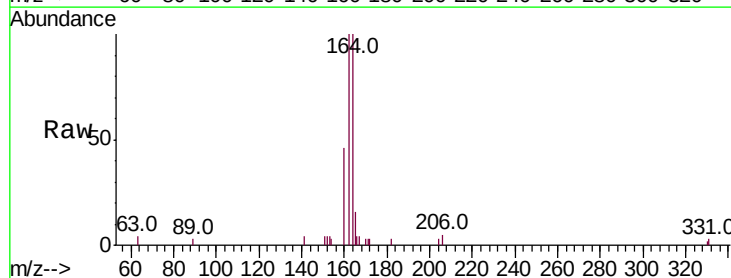
Instrument :
BNA_N
ClientSampleId :
TW-2

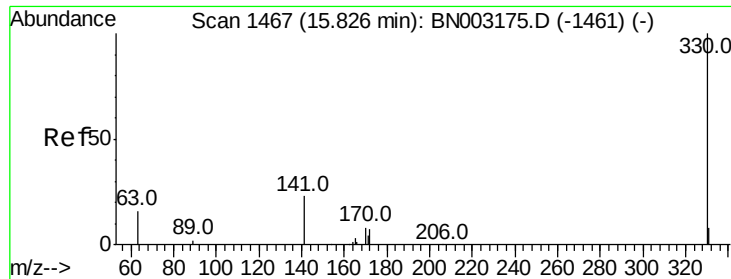
Tot Ion:152 Resp: 3354
Ion Ratio Lower Upper
152 100
151 18.2 15.0 22.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:164 Resp: 3575
Ion Ratio Lower Upper
164 100
162 100.1 81.7 122.5
160 46.0 36.3 54.5

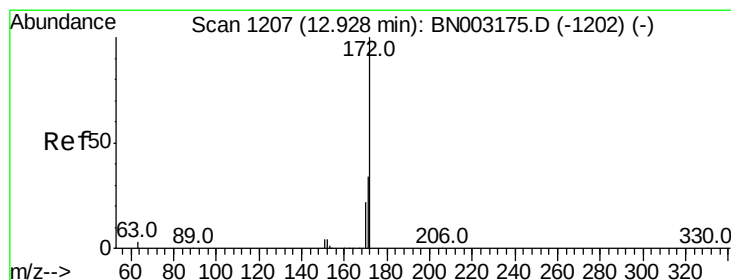
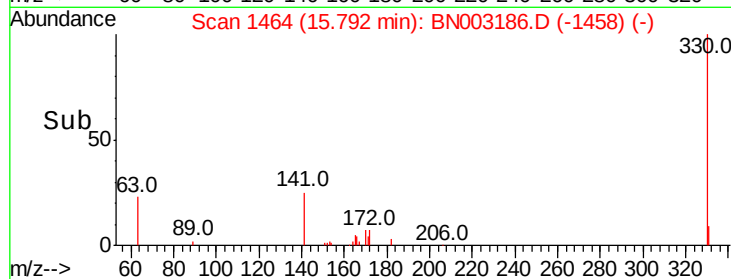
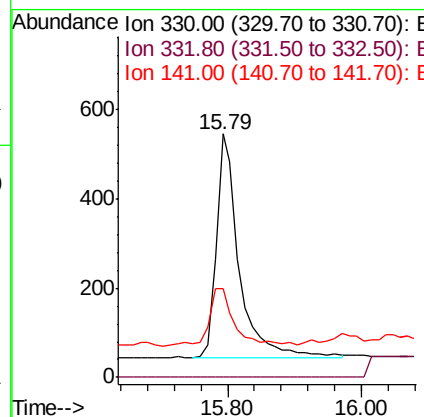
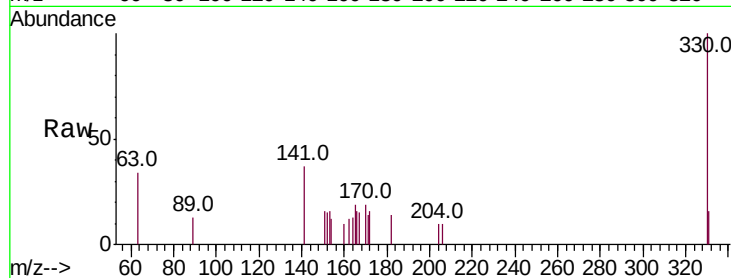




#14
 2,4,6-Tribromophenol
 Concen: 0.527 ng
 RT: 15.79 min Scan# 1464
 Delta R.T. -0.03 min
 Lab File: BN003186.D
 Acq: 17 Oct 2018 18:53

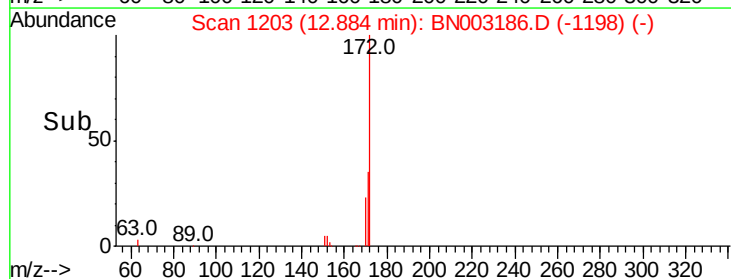
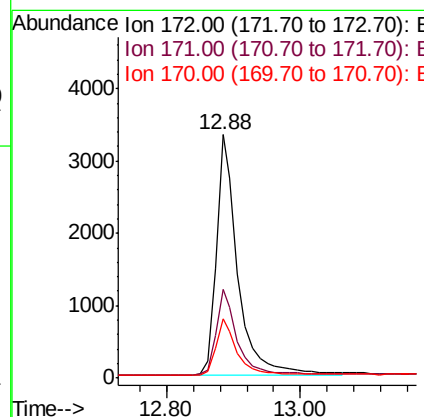
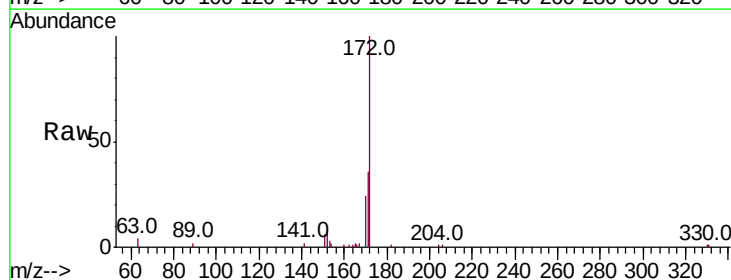
Instrument :
 BNA_N
 ClientSampleId :
 TW-2

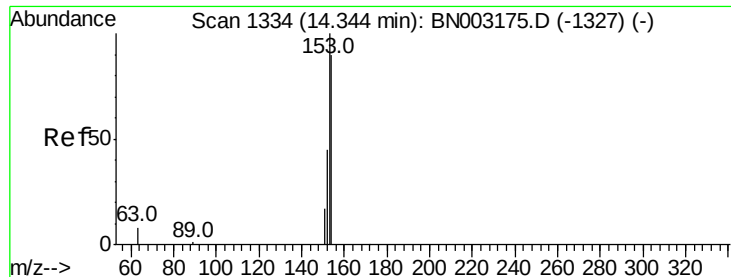
Tot Ion:330 Resp: 1202
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 25.2 22.6 33.8



#15
 2-Fluorobiphenyl
 Concen: 0.526 ng
 RT: 12.88 min Scan# 1203
 Delta R.T. -0.04 min
 Lab File: BN003186.D
 Acq: 17 Oct 2018 18:53

Tgt Ion:172 Resp: 7409
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.2 18.6 27.8





#17

Acenaphthene

Concen: 0.077 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

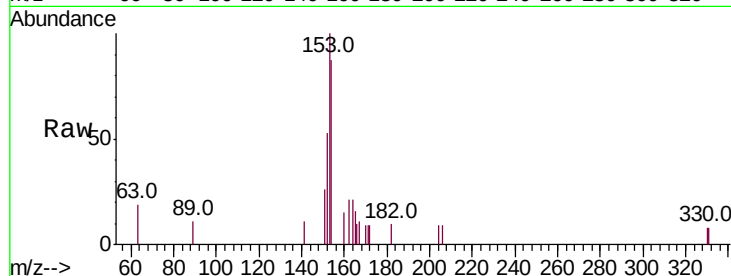
Tot Ion:154 Resp: 830

Ion Ratio Lower Upper

154 100

153 112.7 91.0 136.4

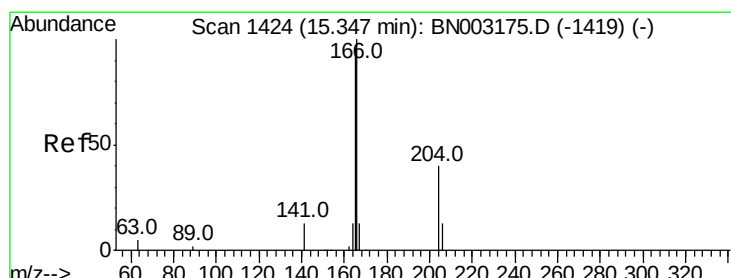
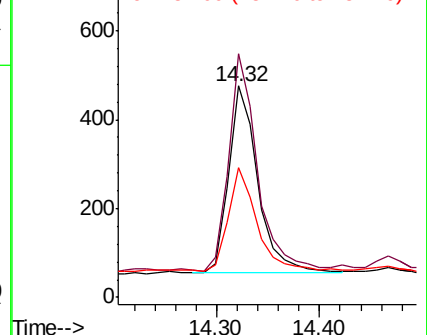
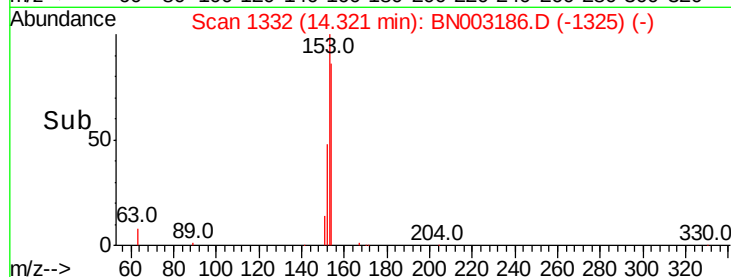
152 52.4 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.021 ng

RT: 15.34 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

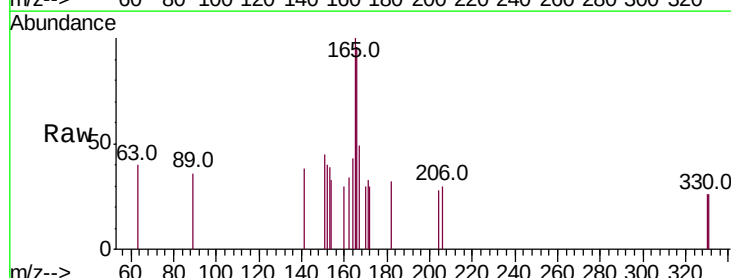
Tgt Ion:166 Resp: 297

Ion Ratio Lower Upper

166 100

165 118.9 78.2 117.2#

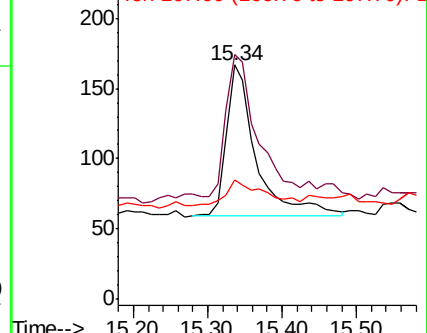
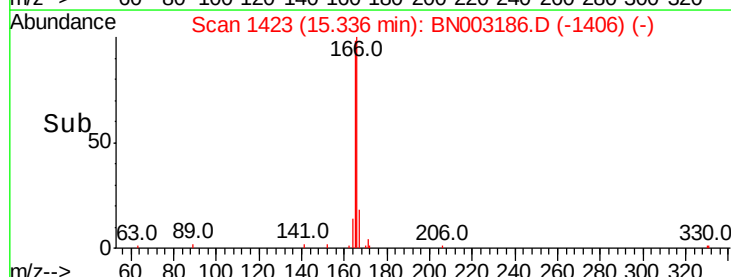
167 22.9 10.7 16.1#

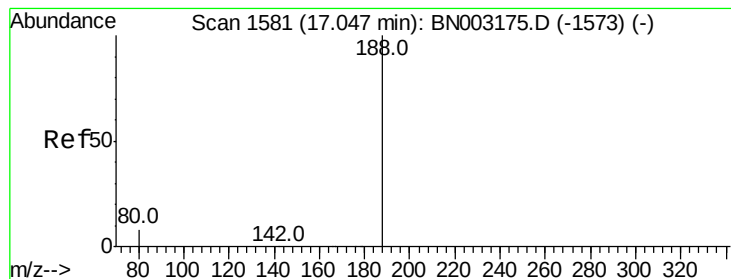


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

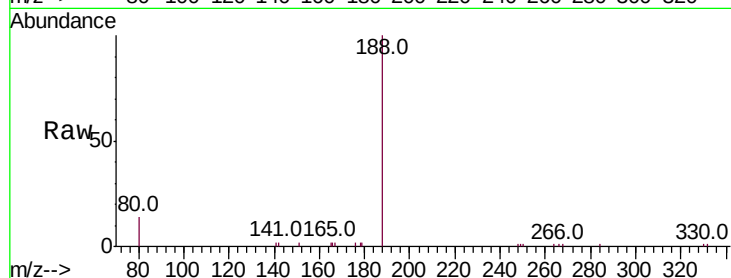
Tot Ion:188 Resp: 9548

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

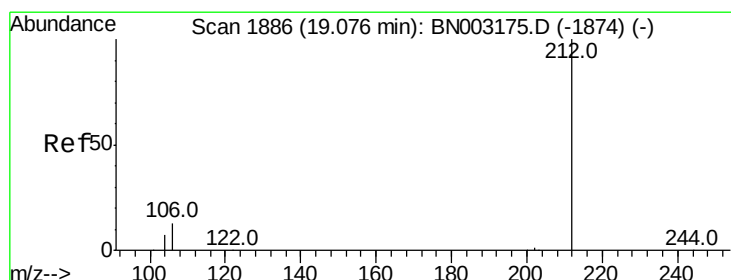
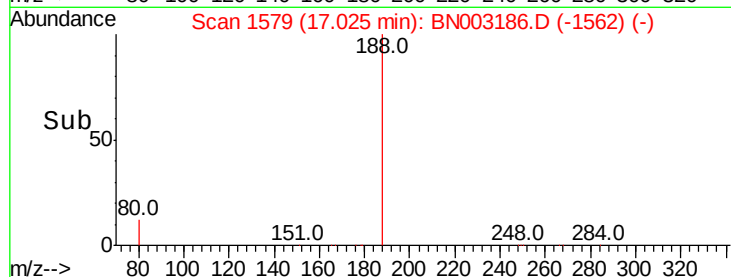
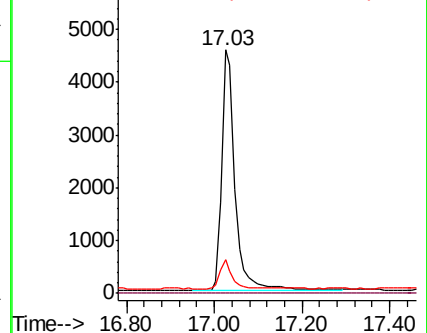
80 13.9 6.7 10.1#



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: 0.405 ng

RT: 19.07 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

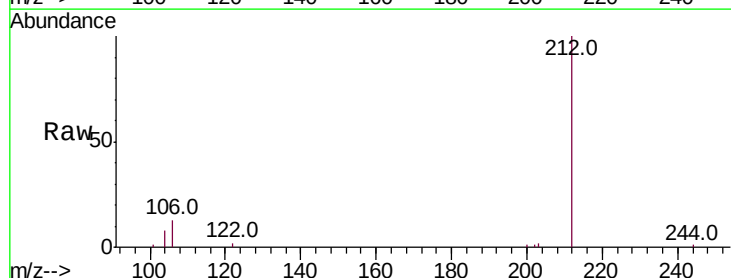
Tgt Ion:212 Resp: 11988

Ion Ratio Lower Upper

212 100

106 13.4 10.2 15.4

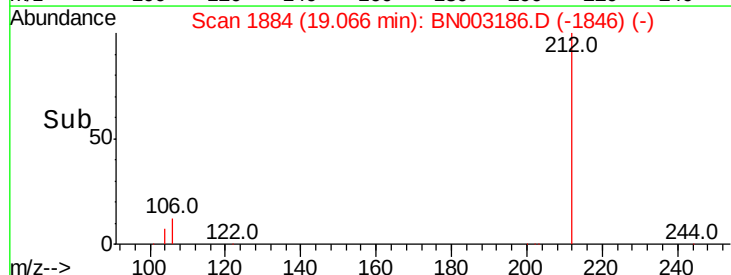
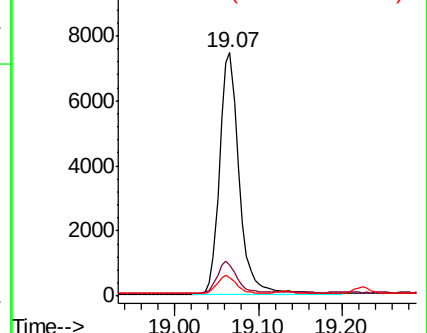
104 7.1 5.8 8.6

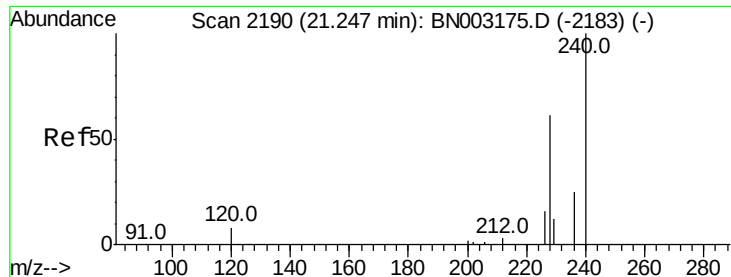


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampled :

TW-2

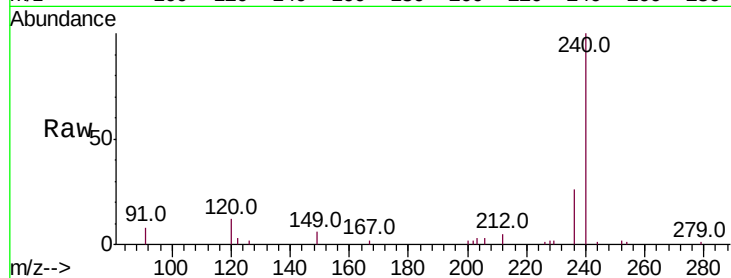
Tot Ion:240 Resp: 11957

Ion Ratio Lower Upper

240 100

120 12.4 7.8 11.8#

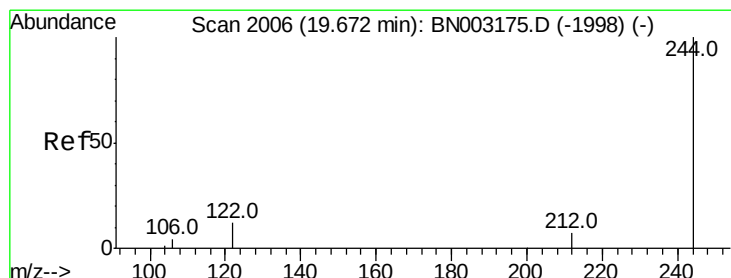
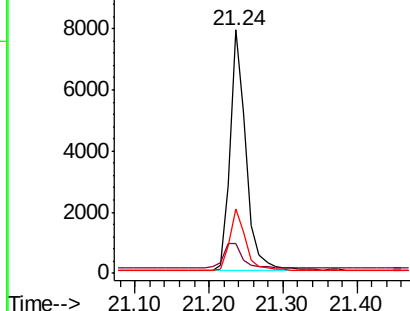
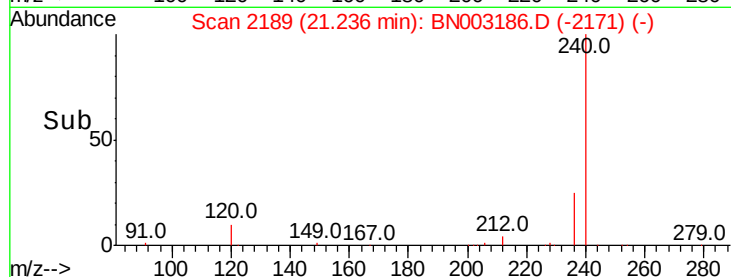
236 26.4 21.0 31.4



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: 0.552 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

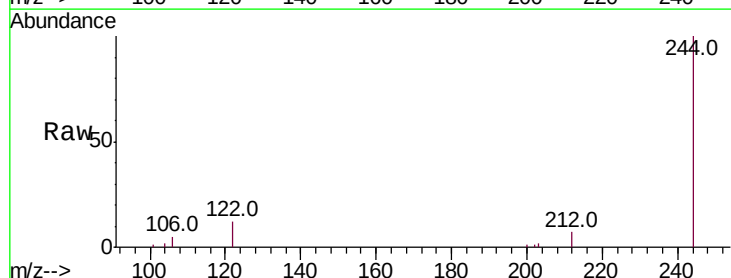
Tgt Ion:244 Resp: 14303

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

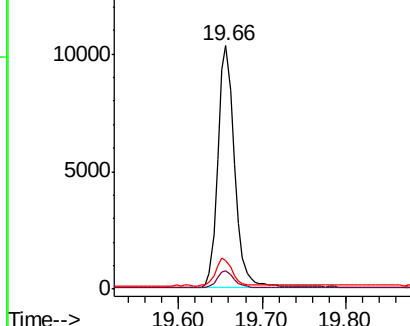
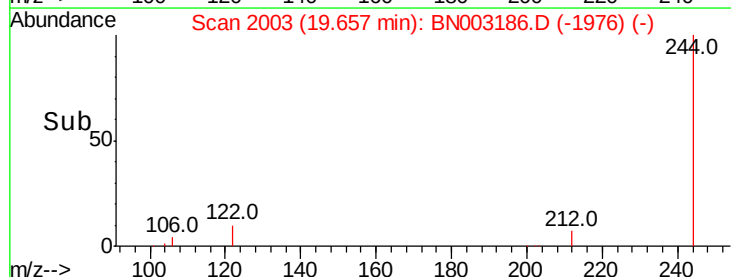
122 11.8 9.1 13.7

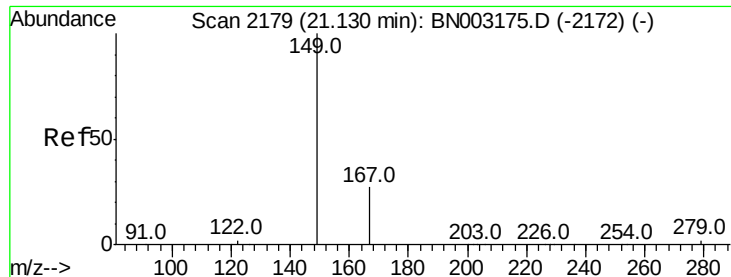


Abundance Ion 244.00 (243.70 to 244.70): E

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: 21.13 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

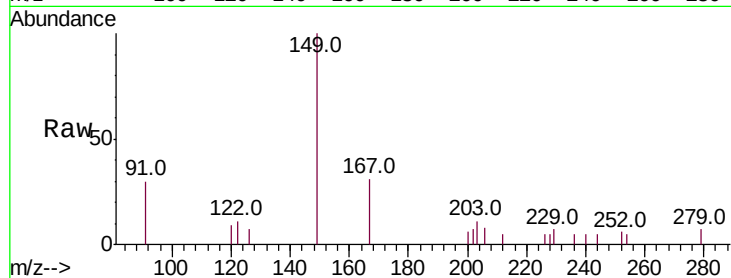
Tot Ion:149 Resp: 1856

Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.4

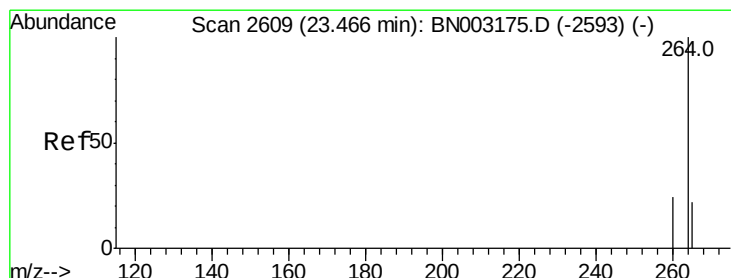
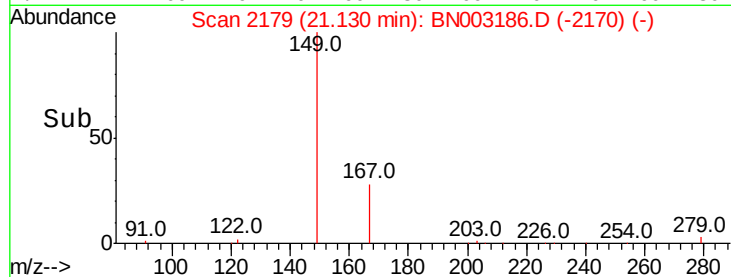
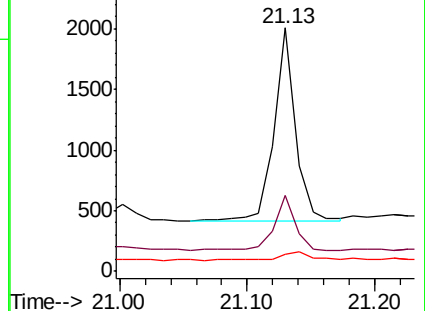
279 6.7 3.7 5.5#



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: 23.46 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

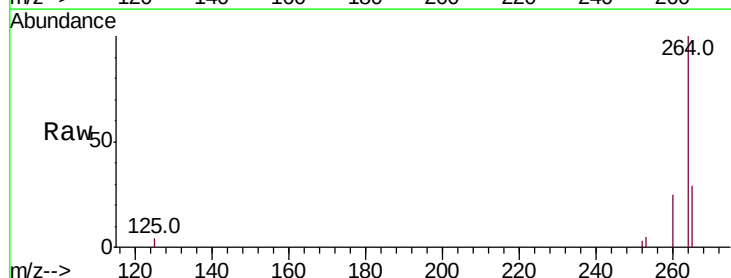
Tgt Ion:264 Resp: 12879

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 29.5 27.6 41.4



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

