

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003188.D
 Acq On : 17 Oct 2018 20:03
 Operator : MJ/SJ
 Sample : J5302-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TW-4

Quant Time: Oct 18 16:05:14 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

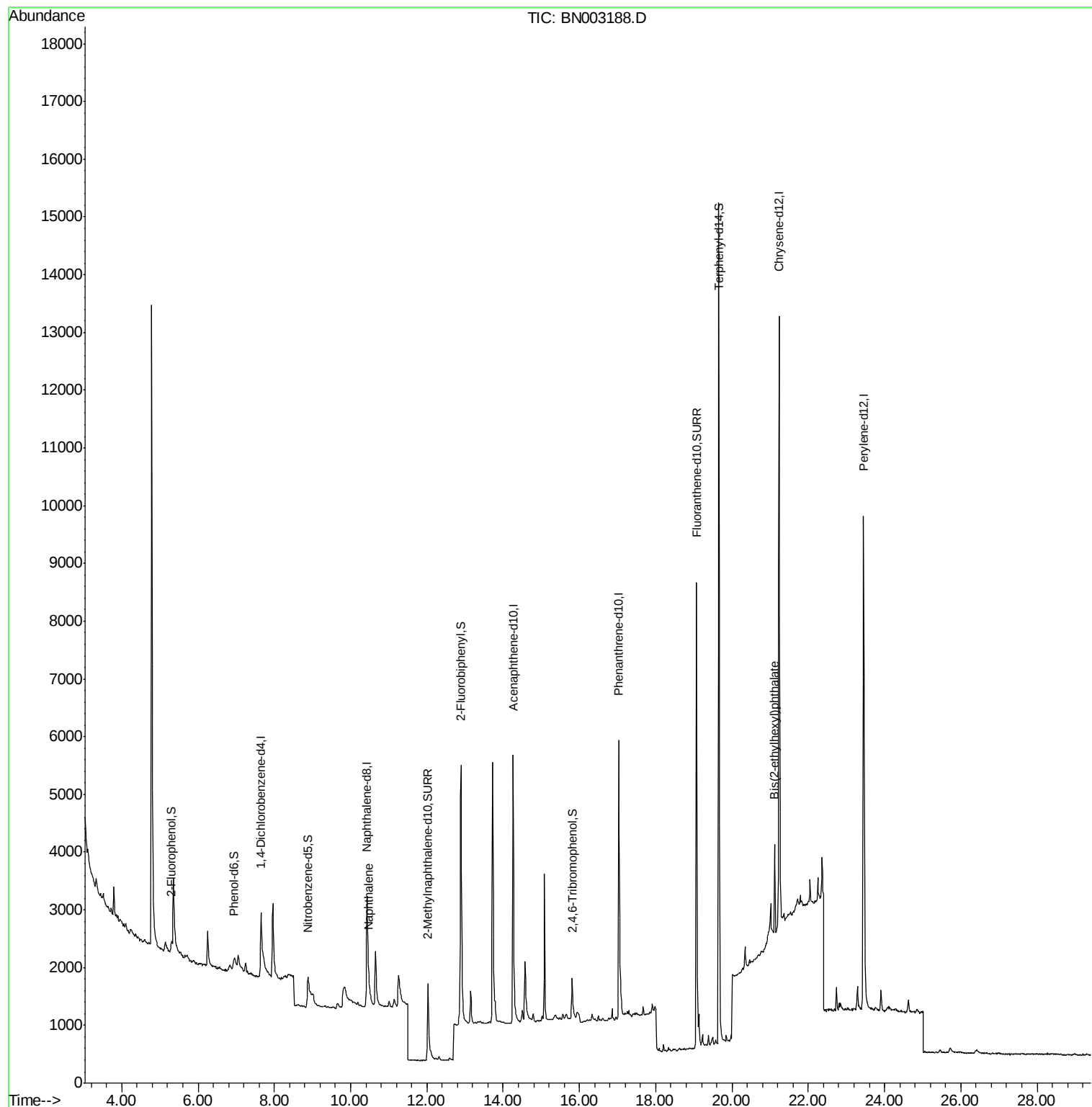
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1035	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	4689	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	3393	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	9092	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	12066	0.40	ng	-0.01
34) Perylene-d12	23.45	264	13215	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	533	0.23	ng	0.00
5) Phenol-d6	6.93	99	357	0.11	ng	0.00
8) Nitrobenzene-d5	8.88	82	1238	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.03	152	3166	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.80	330	956	0.44	ng	-0.02
15) 2-Fluorobiphenyl	12.89	172	6284	0.47	ng	-0.03
25) Fluoranthene-d10	19.07	212	11569	0.41	ng	0.00
29) Terphenyl-d14	19.66	244	15842	0.61	ng	-0.02
Target Compounds						
9) Naphthalene	10.48	128	388	0.033	ng	# 34
32) Bis(2-ethylhexyl)phthalate	21.12	149	1578	0.089	ng	# 97

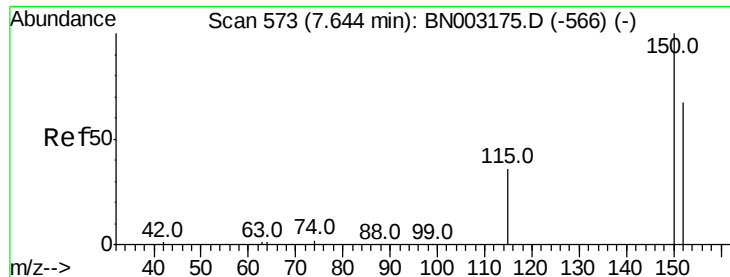
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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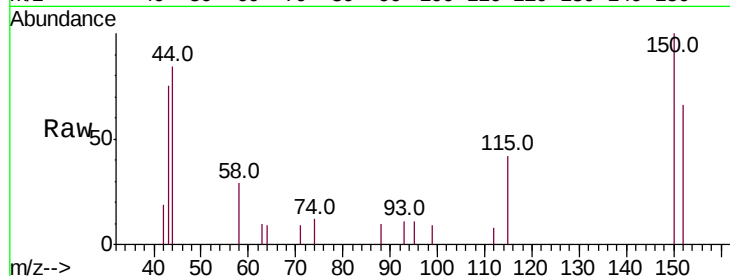


#1

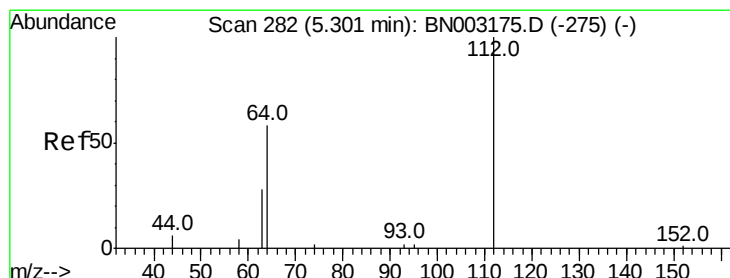
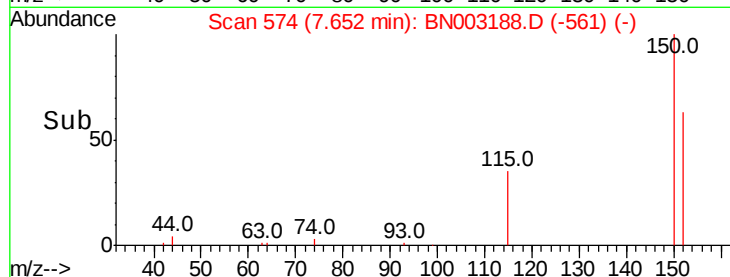
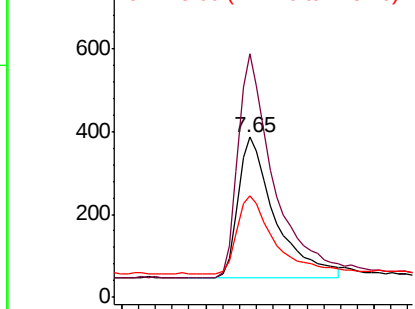
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 574
Delta R.T. 0.01 min
Lab File: BN003188.D
Acq: 17 Oct 2018 20:03

Instrument :
BNA_N
ClientSampleId :
TW-4

Tot Ion:152 Resp: 1035
Ion Ratio Lower Upper
152 100
150 152.3 126.2 189.4
115 63.7 49.8 74.6



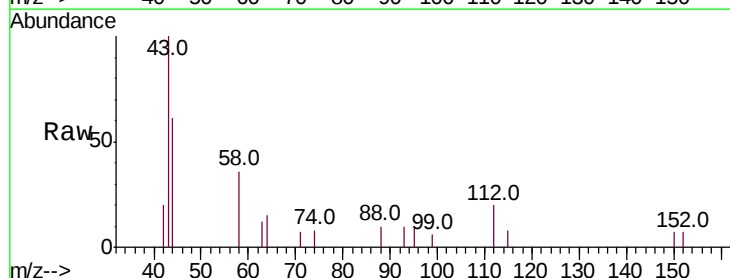
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



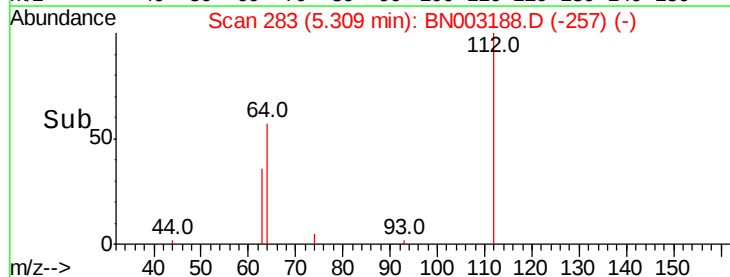
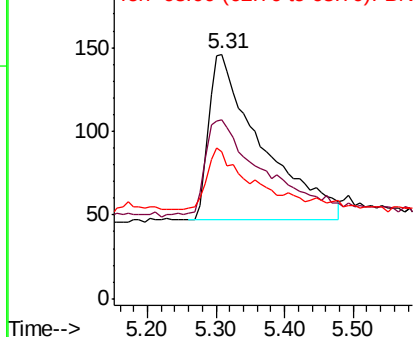
#4

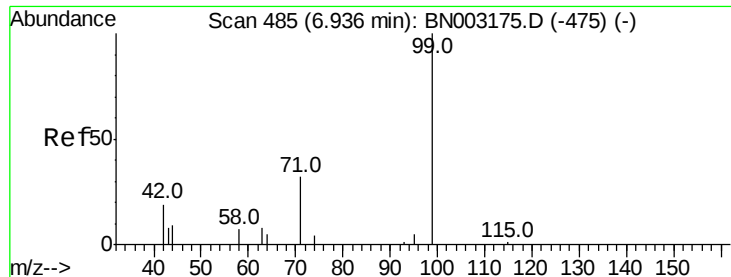
2-Fluorophenol
Concen: 0.233 ng
RT: 5.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: BN003188.D
Acq: 17 Oct 2018 20:03

Tgt Ion:112 Resp: 533
Ion Ratio Lower Upper
112 100
64 61.9 49.0 73.4
63 31.3 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: 0.110 ng

RT: 6.93 min Scan# 484

Delta R.T. -0.01 min

Lab File: BN003188.D

Acq: 17 Oct 2018 20:03

Instrument :

BNA_N

ClientSampled :

TW-4

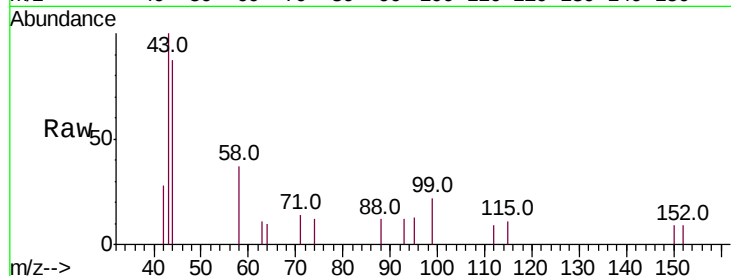
Tot Ion: 99 Resp: 357

Ion Ratio Lower Upper

99 100

42 16.8 15.4 23.2

71 31.1 26.0 39.0

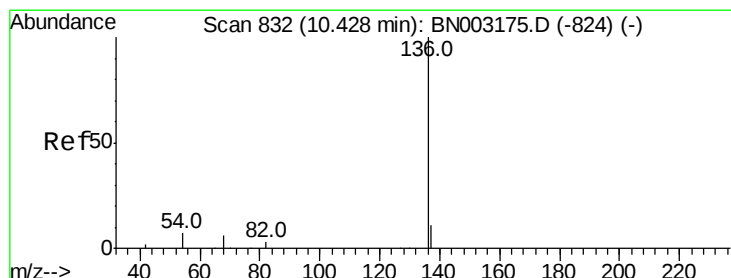
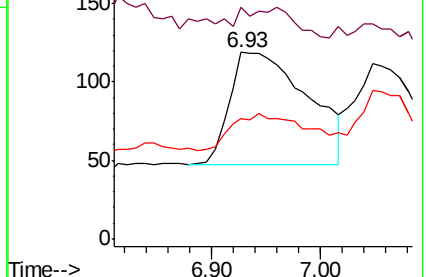
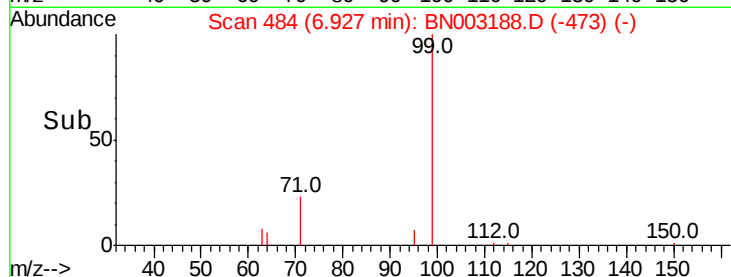


Abundance Ion 99.00 (98.70 to 99.70): BN003175.D (-475) (-)

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: BN003188.D

Acq: 17 Oct 2018 20:03

Tgt Ion:136 Resp: 4689

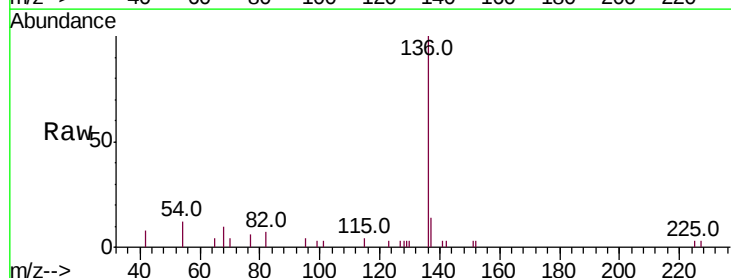
Ion Ratio Lower Upper

136 100

137 13.6 9.4 14.0

54 11.7 7.4 11.0#

68 9.6 5.8 8.6#



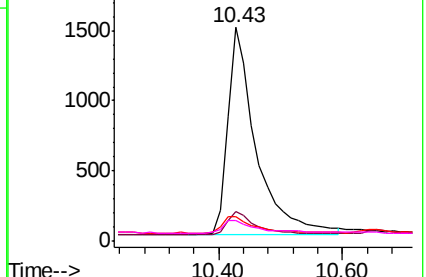
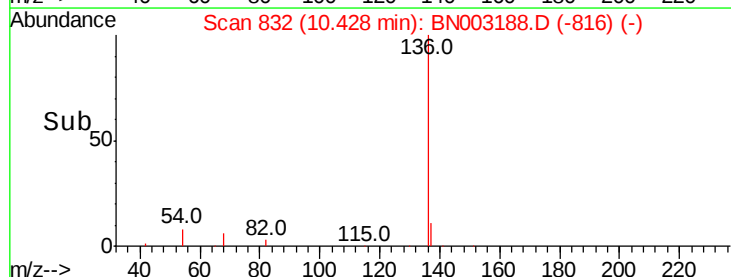
Abundance Ion 136.00 (135.70 to 136.70): BN003175.D (-824) (-)

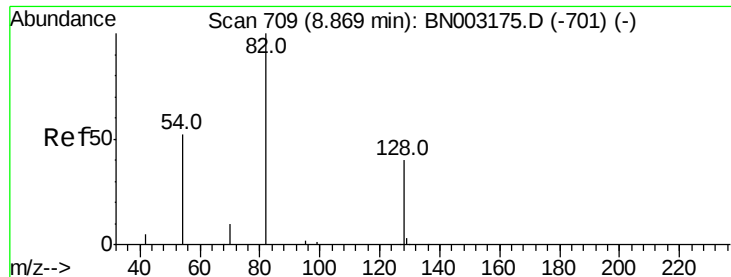
Ion 137.00 (136.70 to 137.70): BN003175.D (-824) (-)

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: 0.410 ng

RT: 8.88 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN003188.D

Acq: 17 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

TW-4

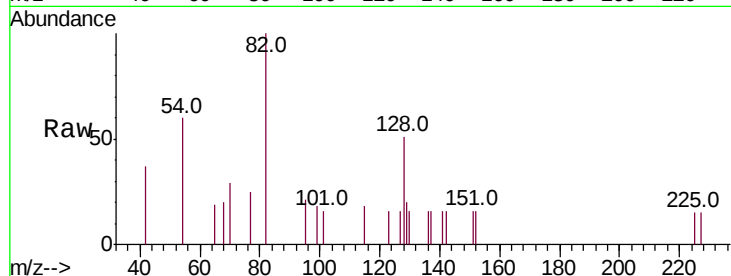
Tot Ion: 82 Resp: 1238

Ion Ratio Lower Upper

82 100

128 51.0 38.2 57.4

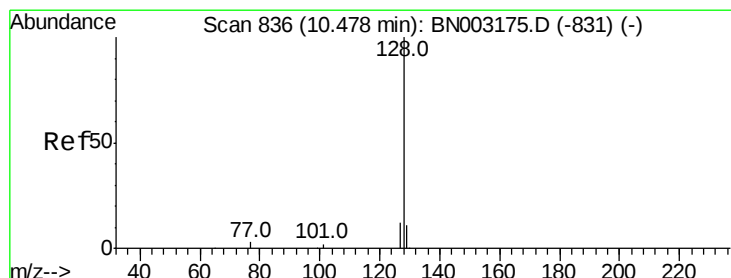
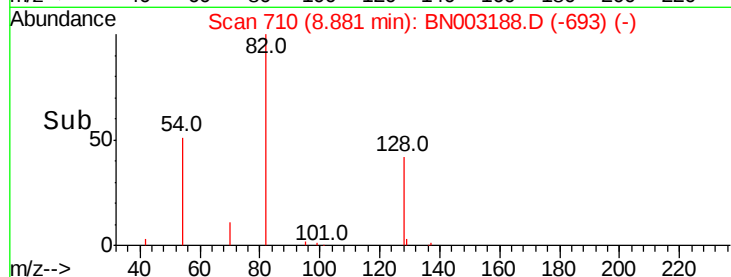
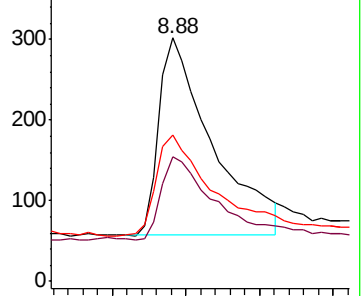
54 59.9 44.1 66.1



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#9

Naphthalene

Concen: 0.033 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN003188.D

Acq: 17 Oct 2018 20:03

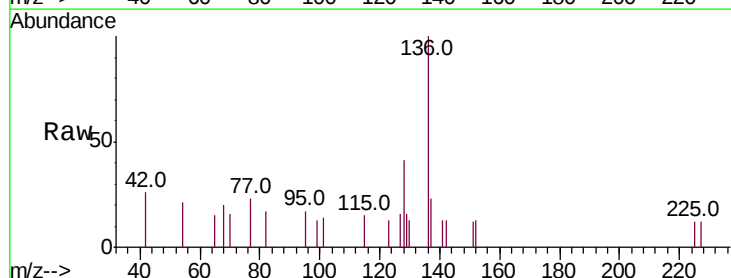
Tgt Ion:128 Resp: 388

Ion Ratio Lower Upper

128 100

129 39.9 9.8 14.6#

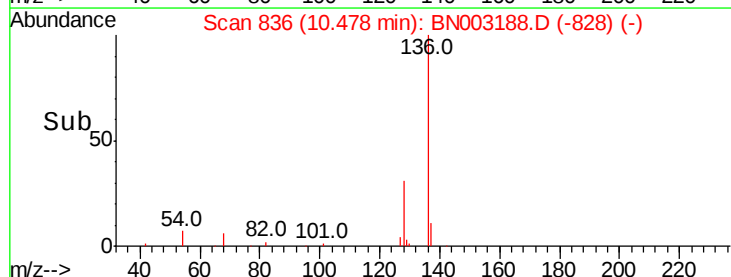
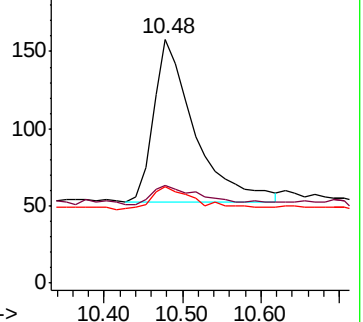
127 39.2 11.4 17.2#

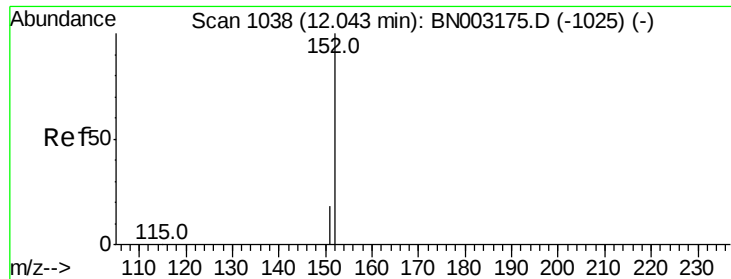


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

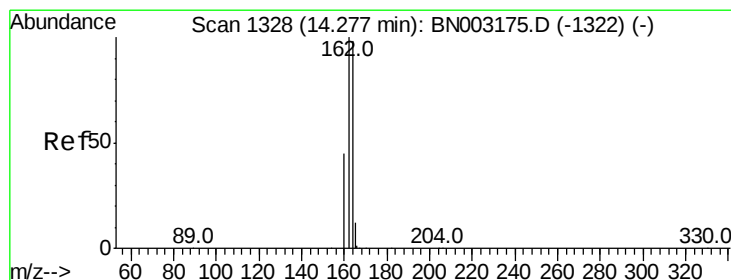
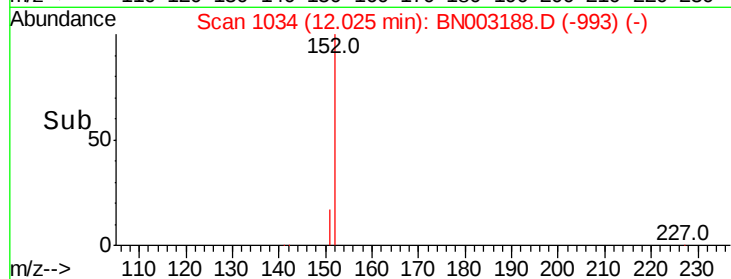
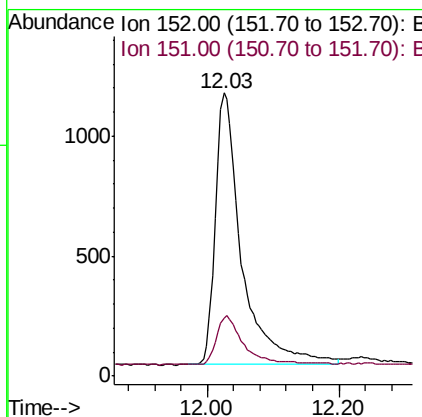
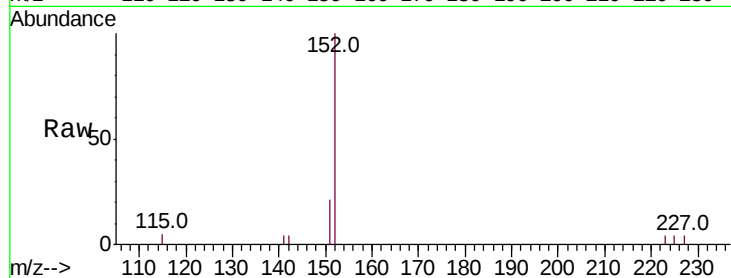




#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.03 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BN003188.D
Acq: 17 Oct 2018 20:03

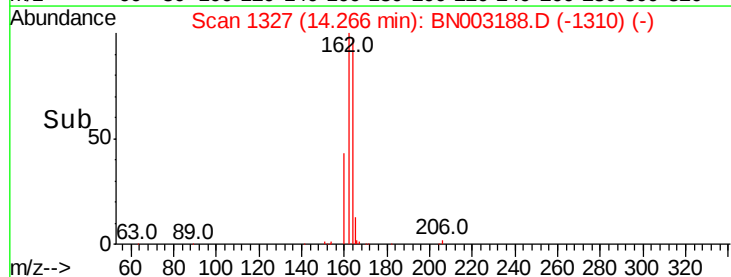
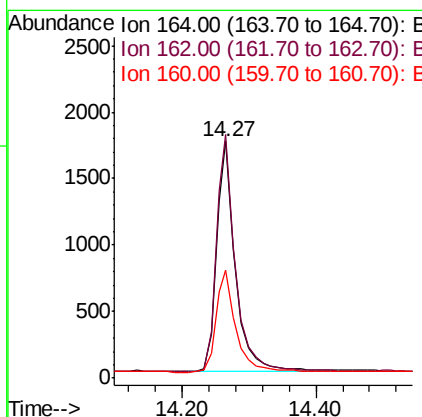
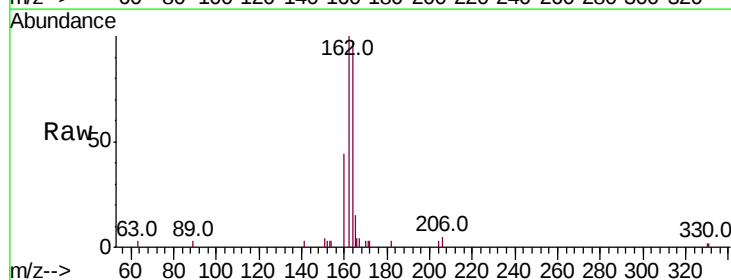
Instrument :
BNA_N
ClientSampled :
TW-4

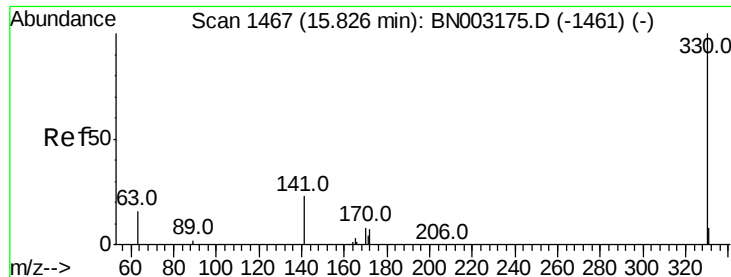
Tot Ion:152 Resp: 3166
Ion Ratio Lower Upper
152 100
151 17.8 15.0 22.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN003188.D
Acq: 17 Oct 2018 20:03

Tgt Ion:164 Resp: 3393
Ion Ratio Lower Upper
164 100
162 102.7 81.7 122.5
160 45.5 36.3 54.5

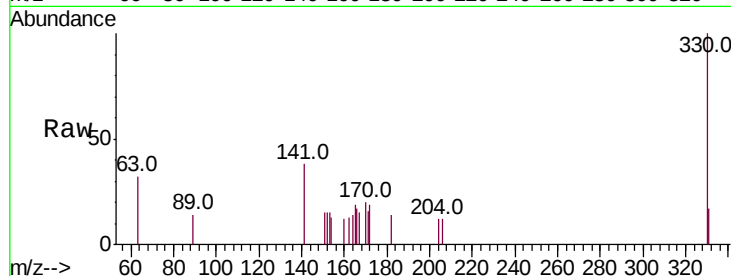




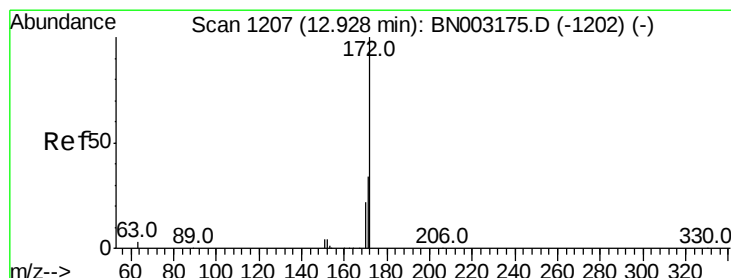
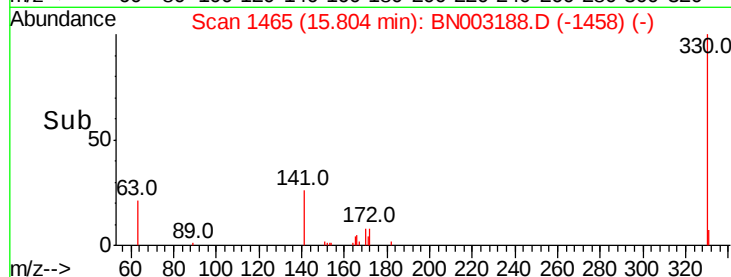
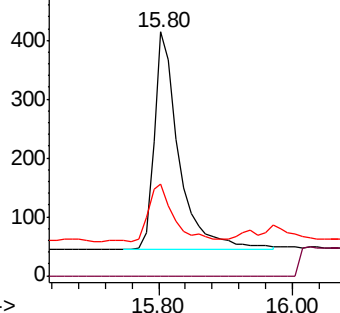
#14
2,4,6-Tribromophenol
Concen: 0.442 ng
RT: 15.80 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BN003188.D
Acq: 17 Oct 2018 20:03

Instrument :
BNA_N
ClientSampled :
TW-4

Tot Ion:330 Resp: 956
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.5 22.6 33.8

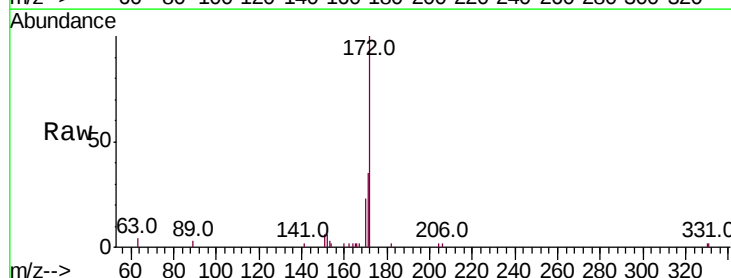


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

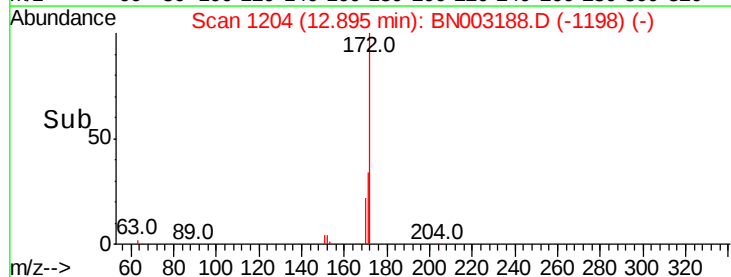
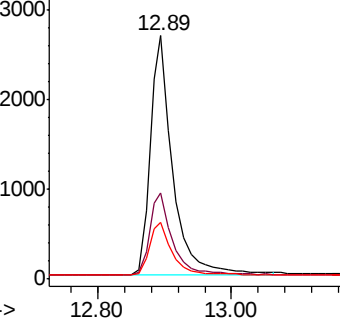


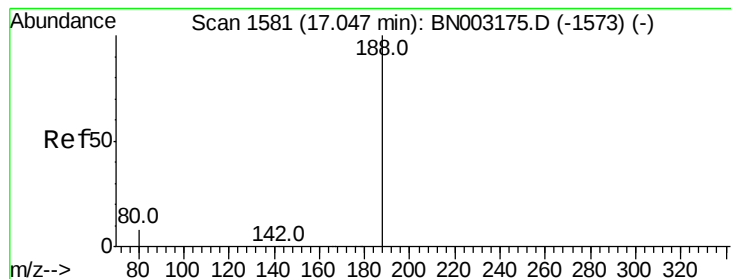
#15
2-Fluorobiphenyl
Concen: 0.470 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BN003188.D
Acq: 17 Oct 2018 20:03

Tgt Ion:172 Resp: 6284
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.4 18.6 27.8



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: 17.04 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BN003188.D

Acq: 17 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

TW-4

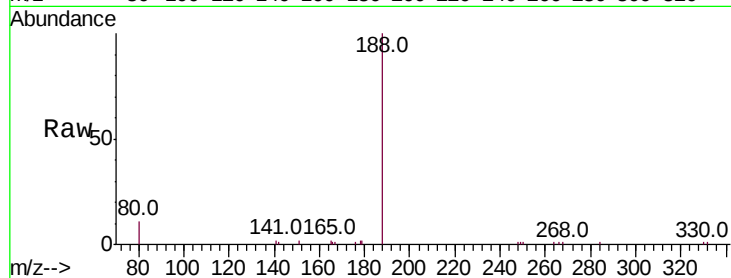
Tot Ion:188 Resp: 9092

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

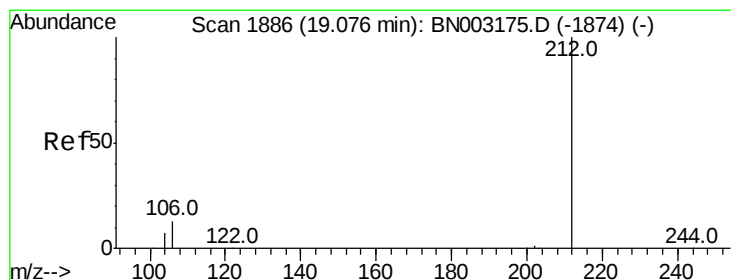
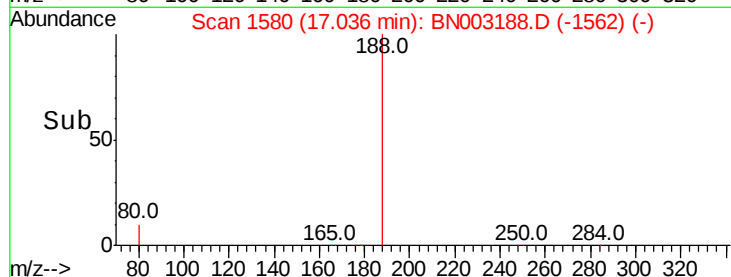
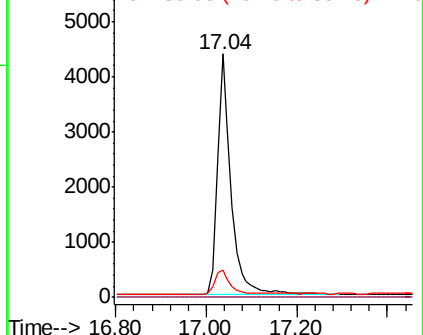
80 11.3 6.7 10.1#



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: 0.411 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN003188.D

Acq: 17 Oct 2018 20:03

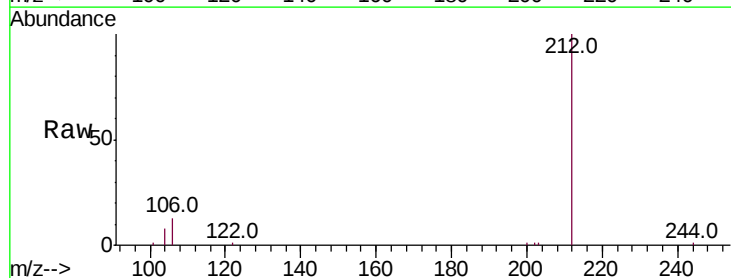
Tgt Ion:212 Resp: 11569

Ion Ratio Lower Upper

212 100

106 13.4 10.2 15.4

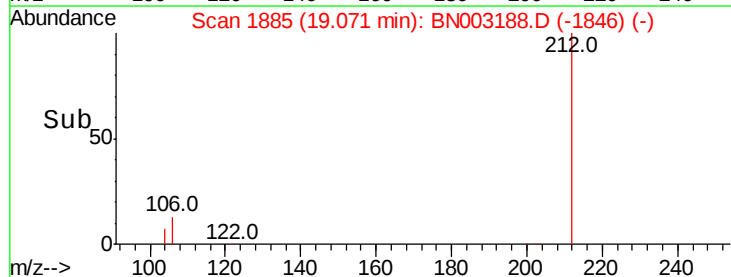
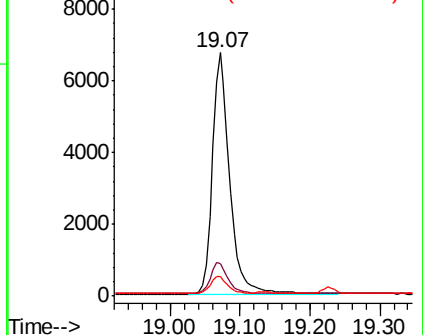
104 7.2 5.8 8.6

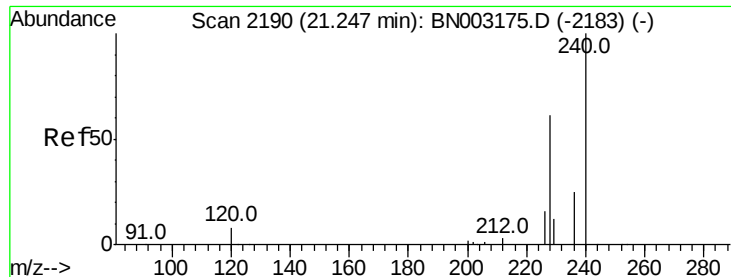


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

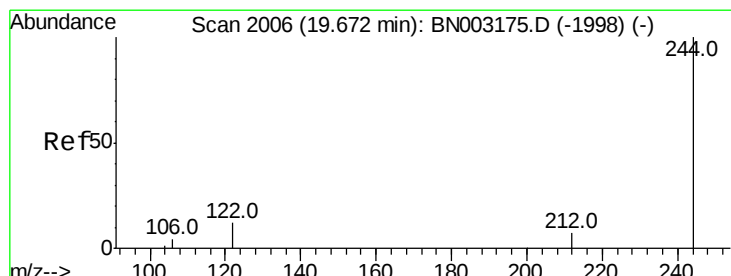
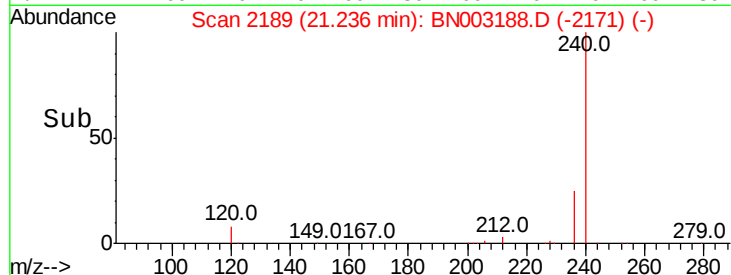
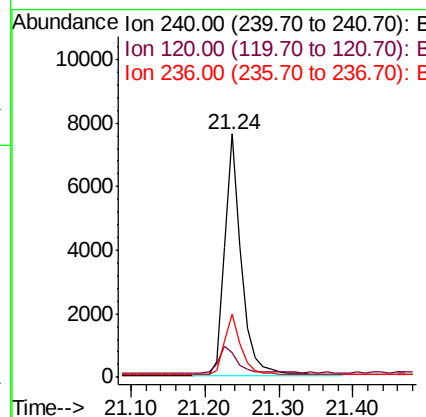
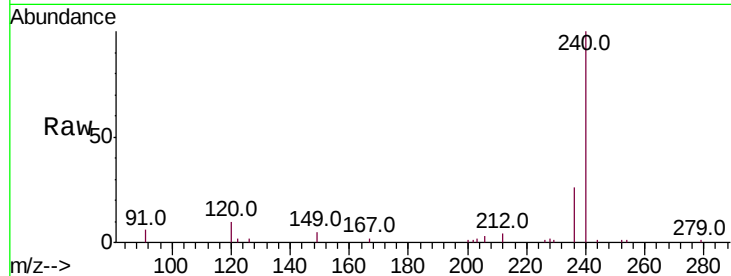




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BN003188.D
 Acq: 17 Oct 2018 20:03

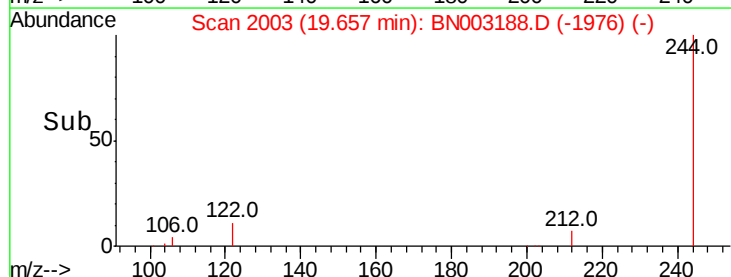
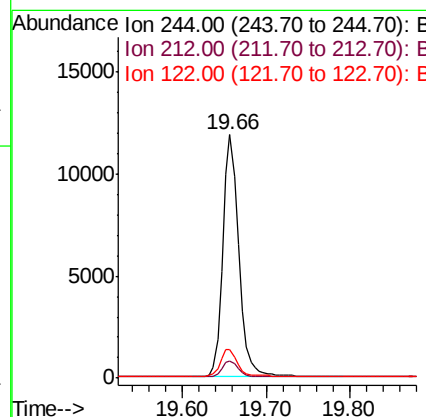
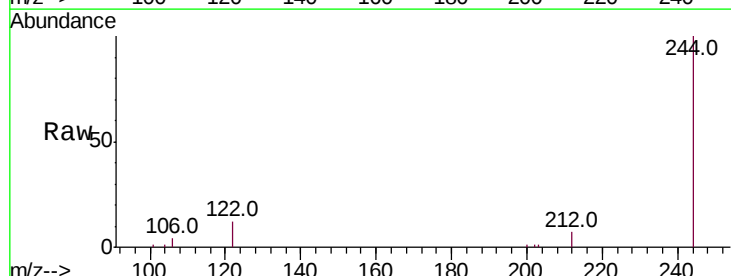
Instrument :
 BNA_N
 ClientSampleId :
 TW-4

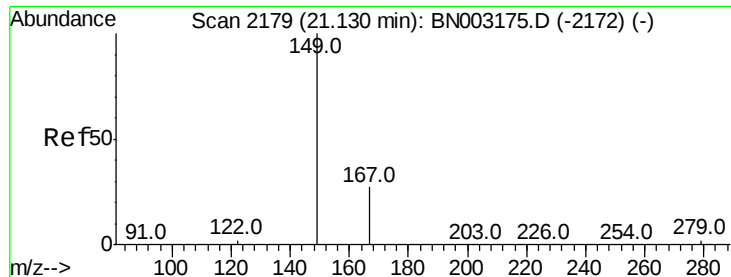
Tot Ion:240 Resp: 12066
 Ion Ratio Lower Upper
 240 100
 120 10.3 7.8 11.8
 236 26.1 21.0 31.4



#29
 Terphenyl-d14
 Concen: 0.606 ng
 RT: 19.66 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BN003188.D
 Acq: 17 Oct 2018 20:03

Tgt Ion:244 Resp: 15842
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 11.6 9.1 13.7





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.089 ng

RT: 21.12 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BN003188.D

Acq: 17 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

TW-4

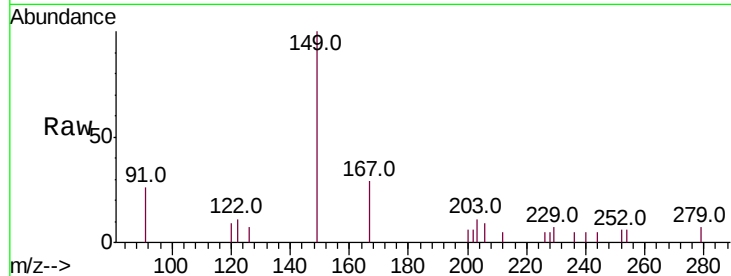
Tot Ion:149 Resp: 1578

Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.4

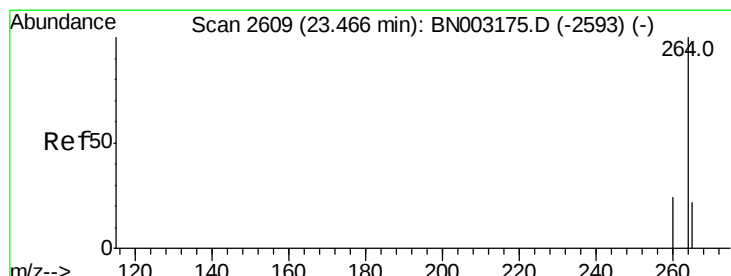
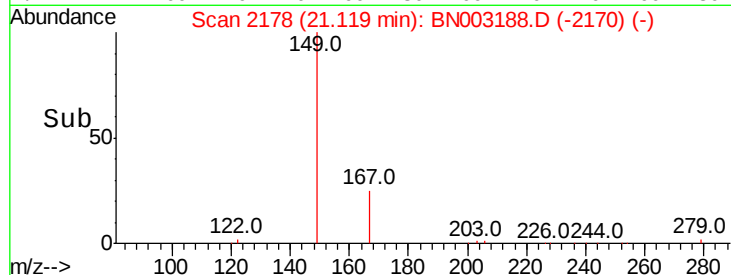
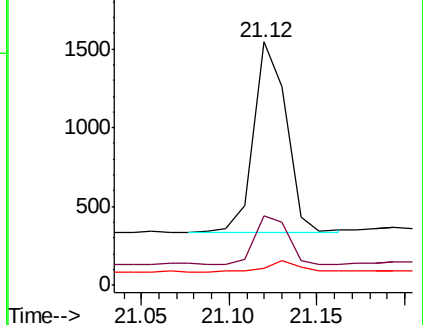
279 5.6 3.7 5.5#



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: 23.45 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BN003188.D

Acq: 17 Oct 2018 20:03

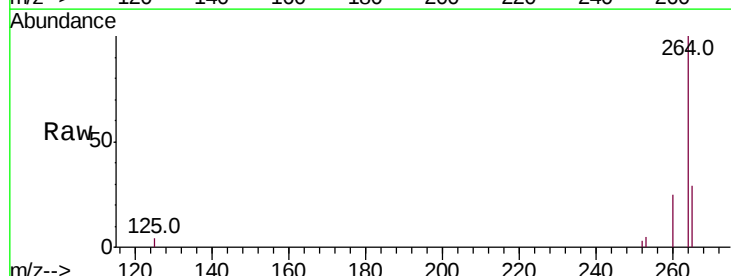
Tgt Ion:264 Resp: 13215

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 28.8 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

