

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003185.D
 Acq On : 17 Oct 2018 18:18
 Operator : MJ/SJ
 Sample : J5302-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TW-1

Quant Time: Oct 18 16:02:22 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

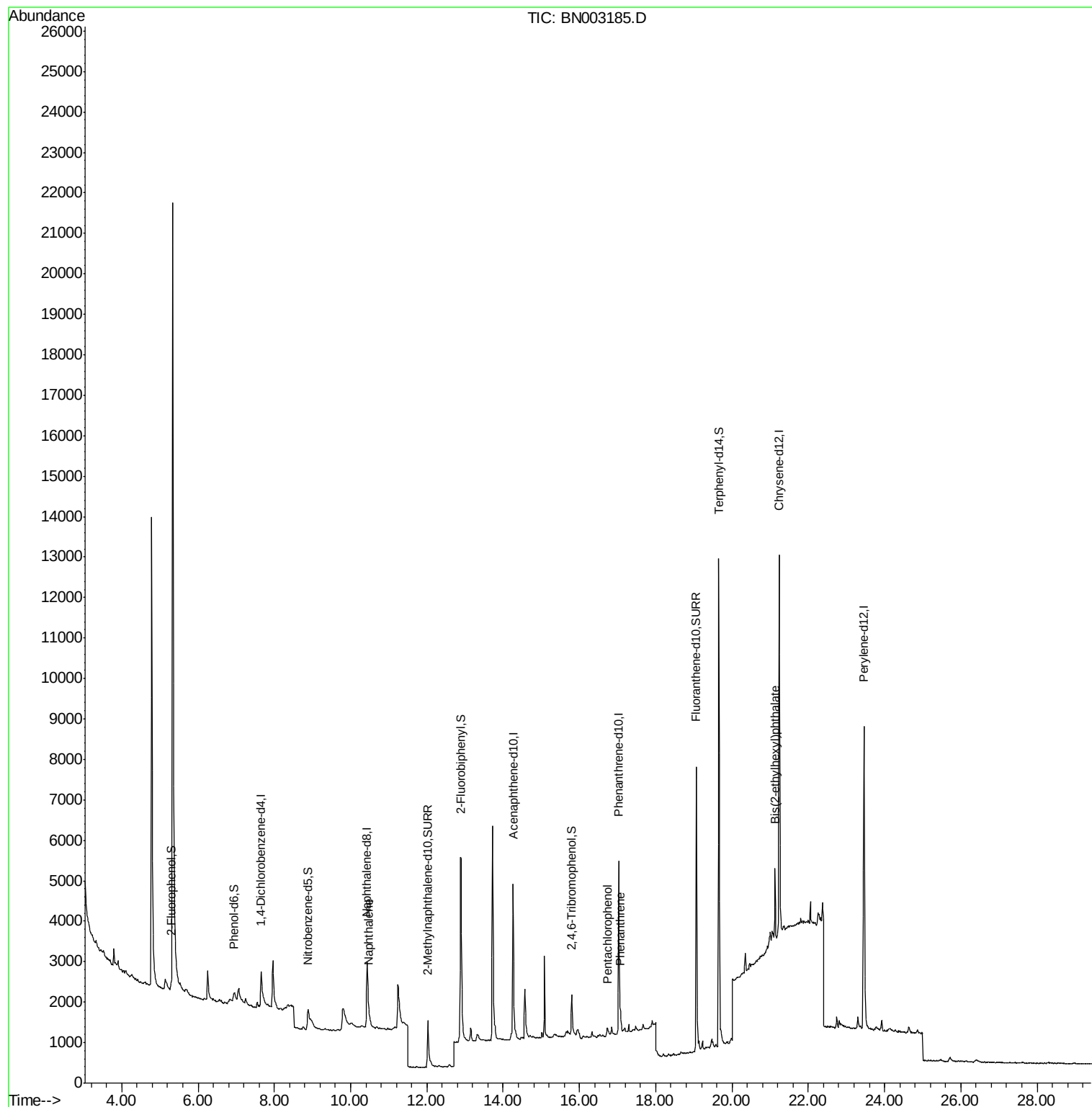
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	868	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	4046	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	2812	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	7543	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	10301	0.40	ng	-0.01
34) Perylene-d12	23.46	264	11421	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	552	0.29	ng	0.00
5) Phenol-d6	6.94	99	429	0.16	ng	0.00
8) Nitrobenzene-d5	8.88	82	1180	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.03	152	2658	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.79	330	1104	0.62	ng	-0.03
15) 2-Fluorobiphenyl	12.89	172	6700	0.61	ng	-0.03
25) Fluoranthene-d10	19.07	212	9618	0.41	ng	-0.01
29) Terphenyl-d14	19.66	244	13132	0.59	ng	-0.01
Target Compounds						
9) Naphthalene	10.48	128	300	0.030	ng	Qvalue # 22
22) Pentachlorophenol	16.74	266	202	0.274	ng	91
23) Phenanthrene	17.08	178	490	0.025	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.13	149	1623	0.105	ng	96

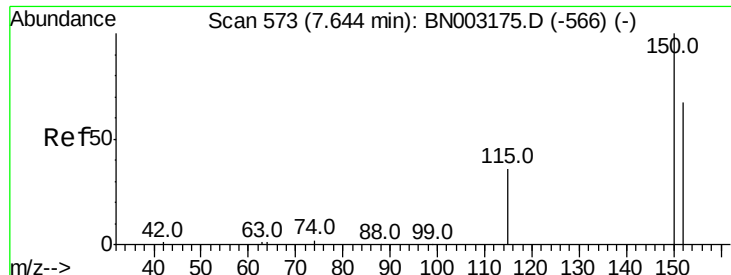
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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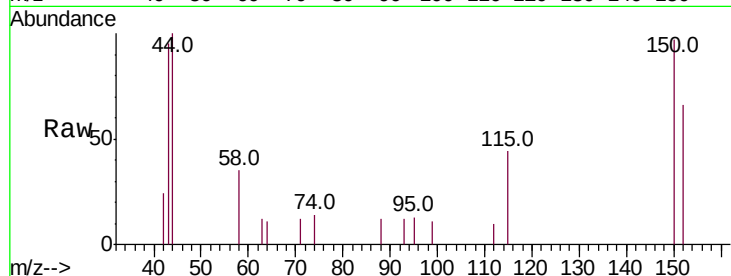


#1

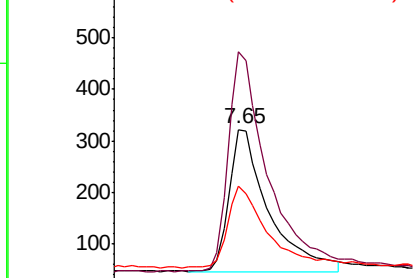
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 574
Delta R.T. 0.01 min
Lab File: BN003185.D
Acq: 17 Oct 2018 18:18

Instrument :
BNA_N
ClientSampleId :
TW-1

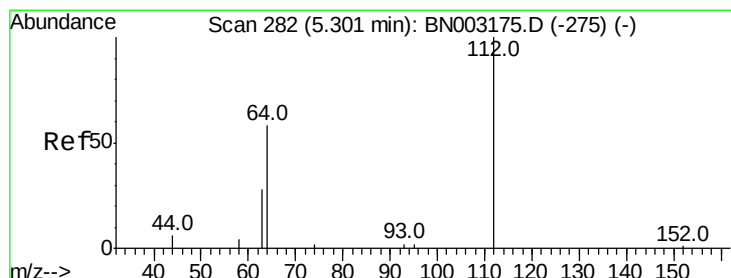
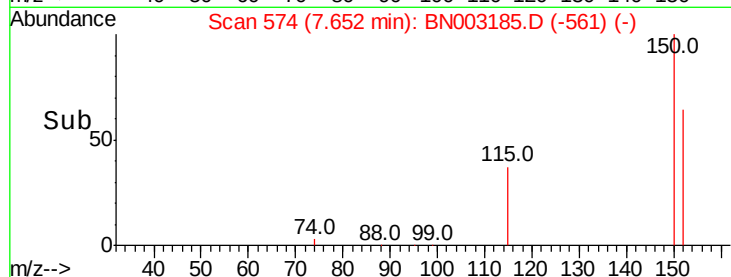
Tot Ion:152 Resp: 868
Ion Ratio Lower Upper
152 100
150 146.9 126.2 189.4
115 66.1 49.8 74.6



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



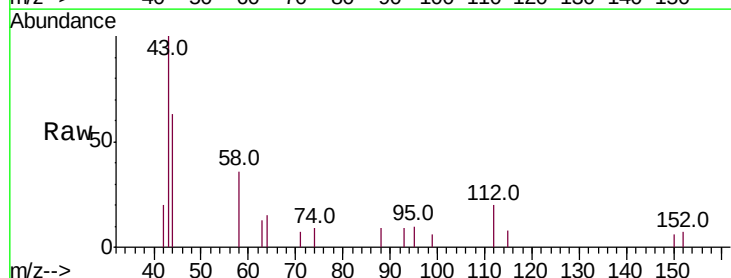
Time-->



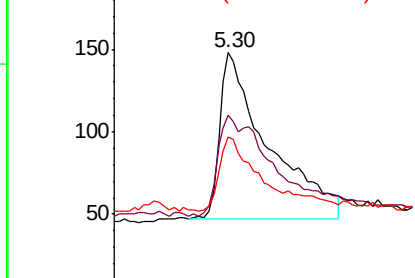
#4

2-Fluorophenol
Concen: 0.288 ng
RT: 5.30 min Scan# 282
Delta R.T. -0.00 min
Lab File: BN003185.D
Acq: 17 Oct 2018 18:18

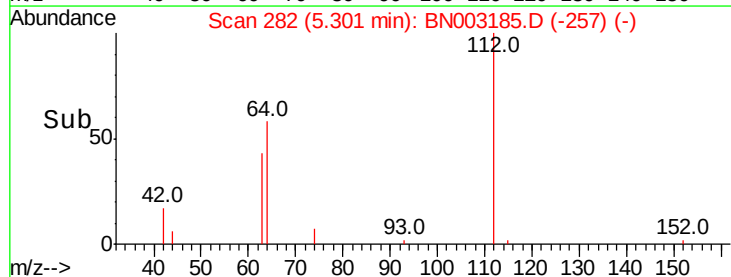
Tgt Ion:112 Resp: 552
Ion Ratio Lower Upper
112 100
64 70.5 49.0 73.4
63 40.6 25.9 38.9#

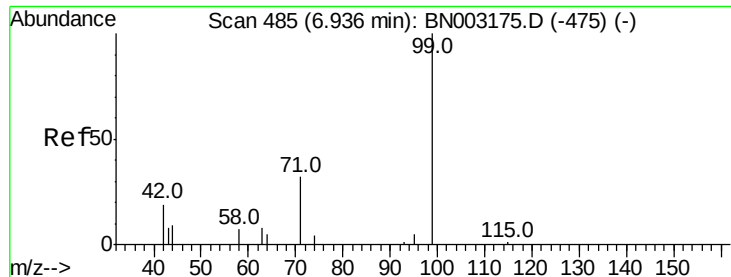


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



Time-->





#5

Phenol-d6

Concen: 0.157 ng

RT: 6.94 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampled :

TW-1

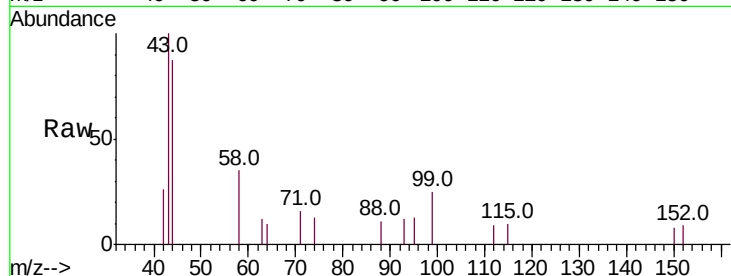
Tot Ion: 99 Resp: 429

Ion Ratio Lower Upper

99 100

42 27.5 15.4 23.2#

71 28.9 26.0 39.0

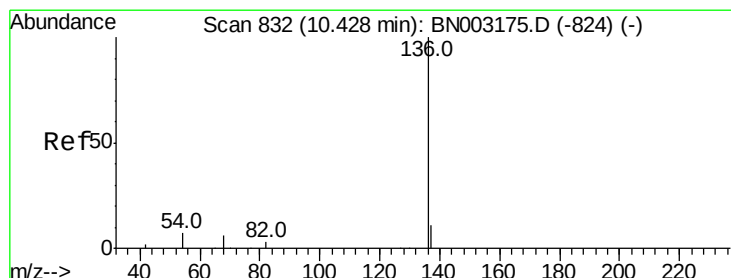
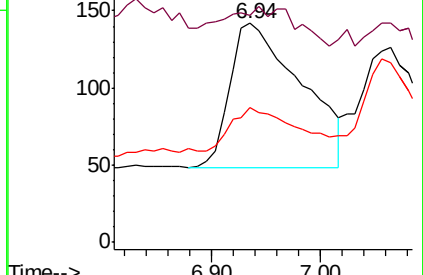
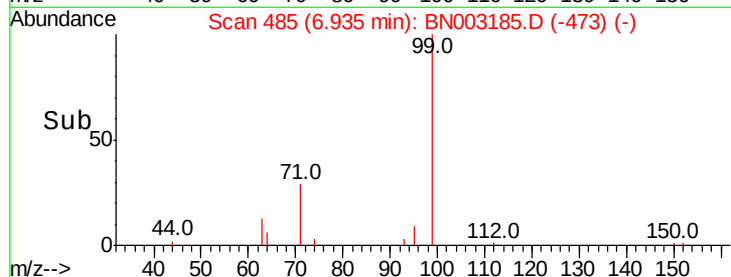


Abundance Ion 99.00 (98.70 to 99.70): BN003175.D (-475) (-)

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: BN003185.D

Acq: 17 Oct 2018 18:18

Tgt Ion: 136 Resp: 4046

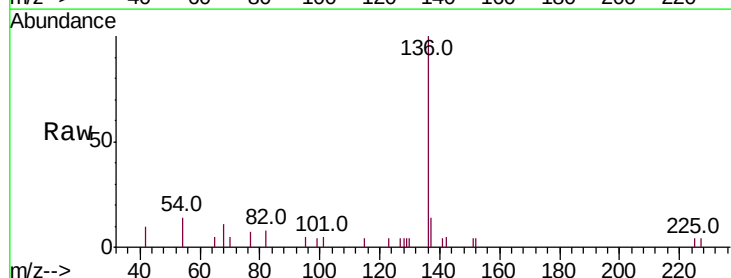
Ion Ratio Lower Upper

136 100

137 14.1 9.4 14.0#

54 13.7 7.4 11.0#

68 11.0 5.8 8.6#



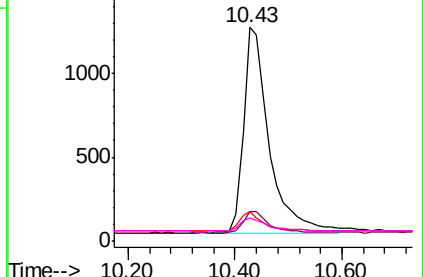
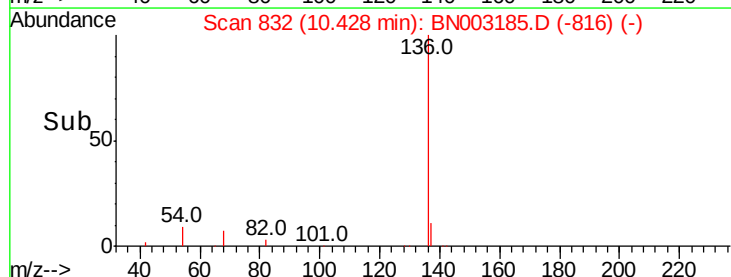
Abundance Ion 136.00 (135.70 to 136.70): BN003175.D (-824) (-)

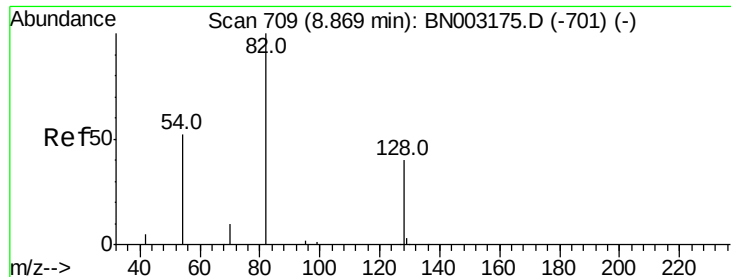
Ion 137.00 (136.70 to 137.70): BN003175.D (-824) (-)

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: 0.453 ng

RT: 8.88 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampleId :

TW-1

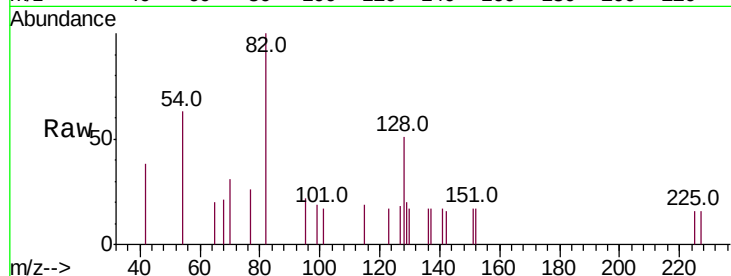
Tot Ion: 82 Resp: 1180

Ion Ratio Lower Upper

82 100

128 51.4 38.2 57.4

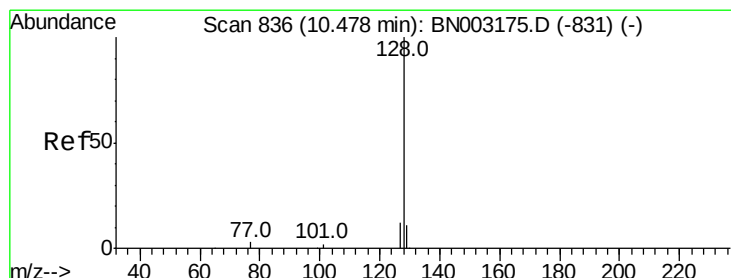
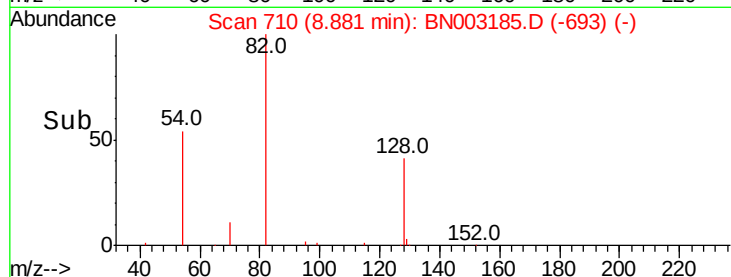
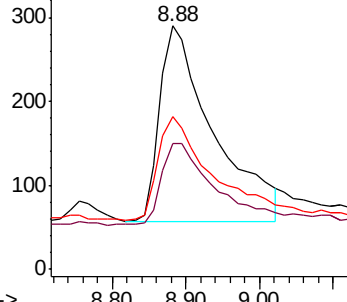
54 62.8 44.1 66.1



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) (-)



#9

Naphthalene

Concen: 0.030 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

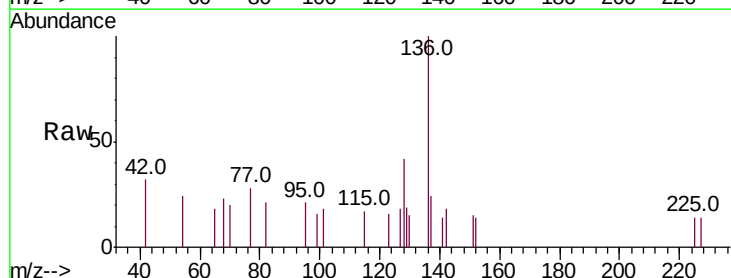
Tgt Ion: 128 Resp: 300

Ion Ratio Lower Upper

128 100

129 44.9 9.8 14.6#

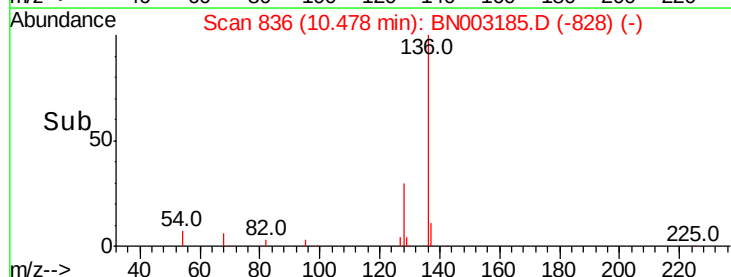
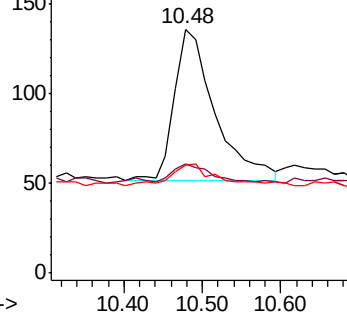
127 44.1 11.4 17.2#

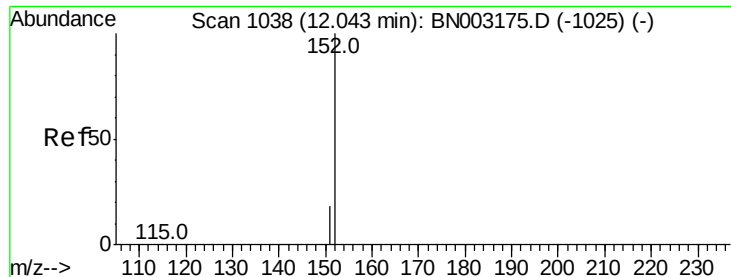


Abundance Ion 128.00 (127.70 to 128.70): BN003175.D (-831) (-)

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

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

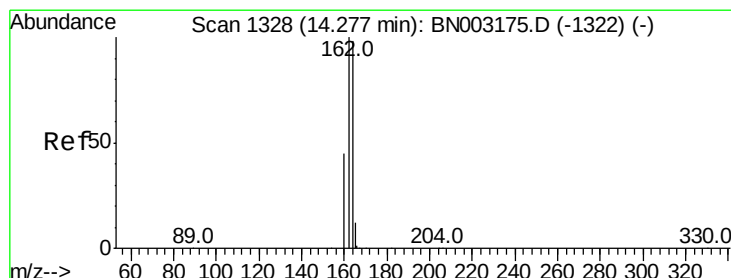
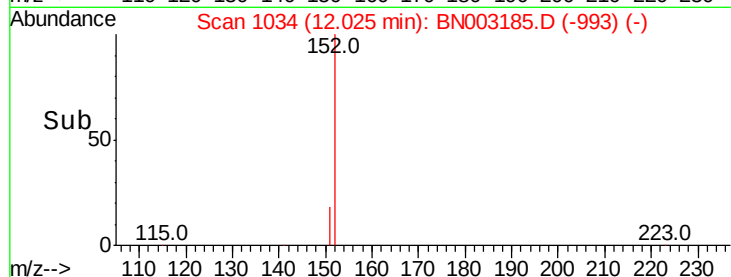
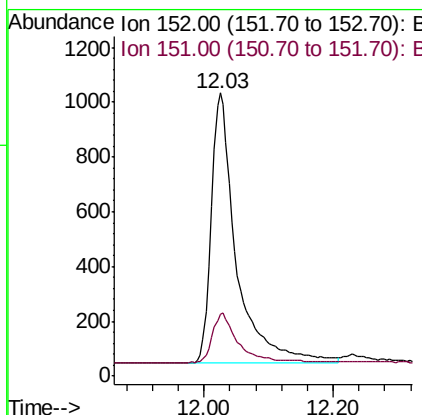
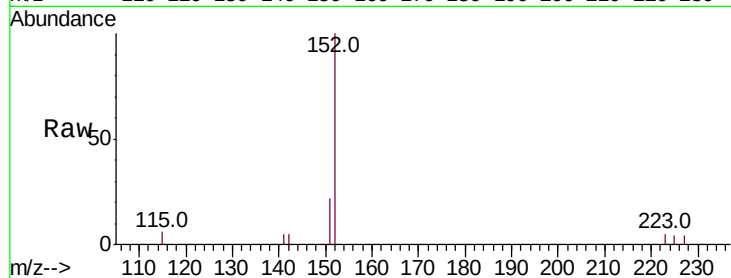




#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.03 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BN003185.D
Acq: 17 Oct 2018 18:18

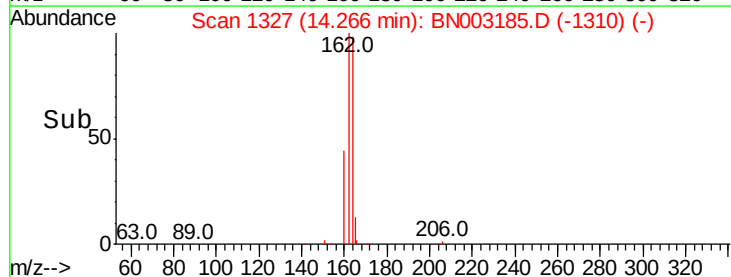
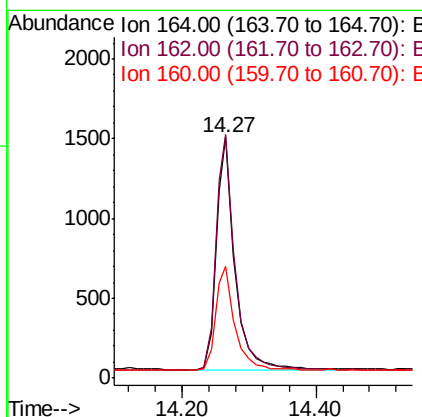
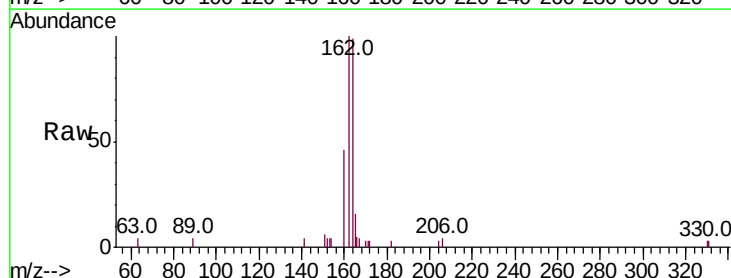
Instrument :
BNA_N
ClientSampleId :
TW-1

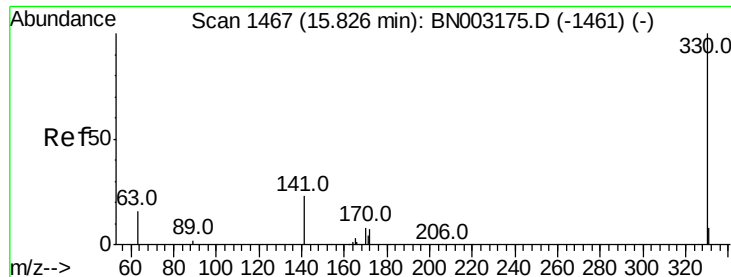
Tot Ion:152 Resp: 2658
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN003185.D
Acq: 17 Oct 2018 18:18

Tgt Ion:164 Resp: 2812
Ion Ratio Lower Upper
164 100
162 101.1 81.7 122.5
160 46.5 36.3 54.5

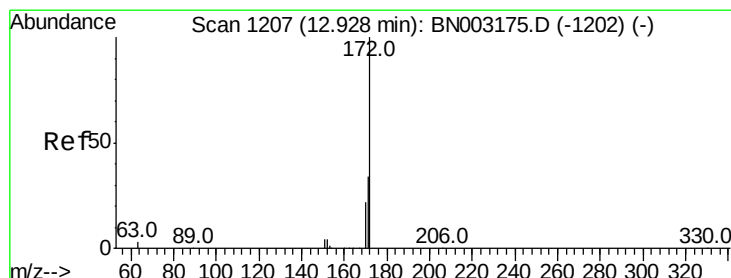
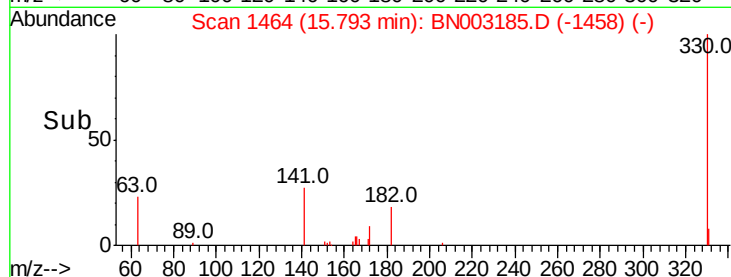
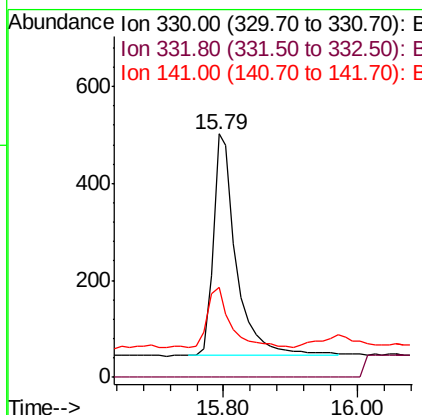
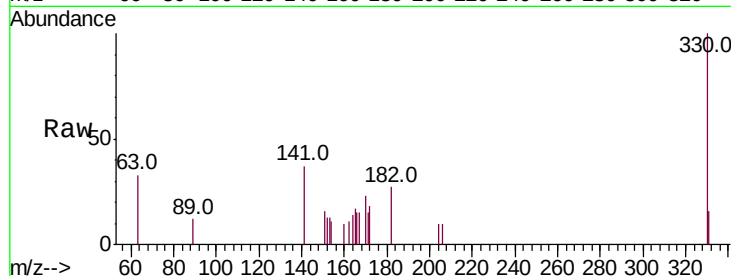




#14
2,4,6-Tribromophenol
Concen: 0.616 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.03 min
Lab File: BN003185.D
Acq: 17 Oct 2018 18:18

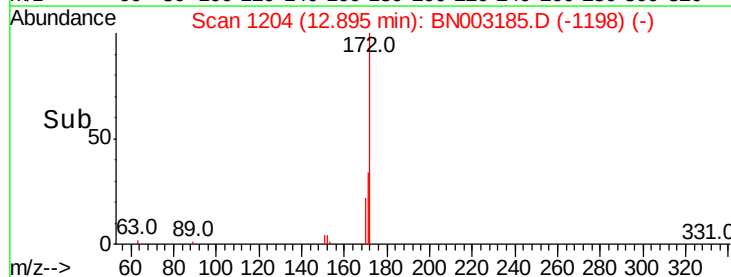
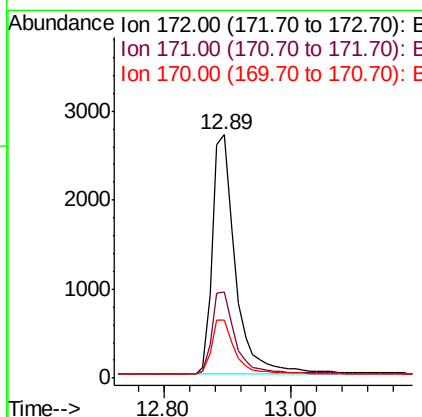
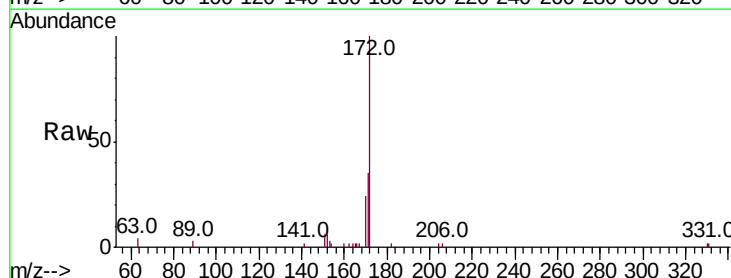
Instrument :
BNA_N
ClientSampleId :
TW-1

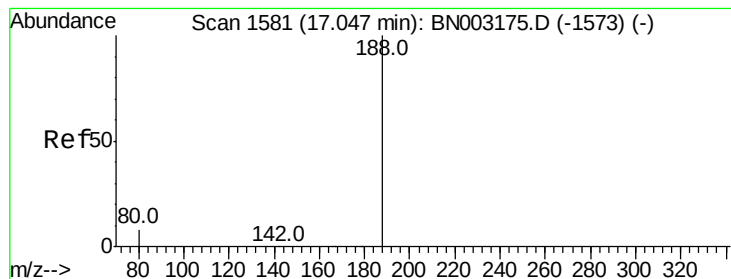
Tot Ion:330 Resp: 1104
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.2 22.6 33.8



#15
2-Fluorobiphenyl
Concen: 0.605 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BN003185.D
Acq: 17 Oct 2018 18:18

Tgt Ion:172 Resp: 6700
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.7 18.6 27.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampleId :

TW-1

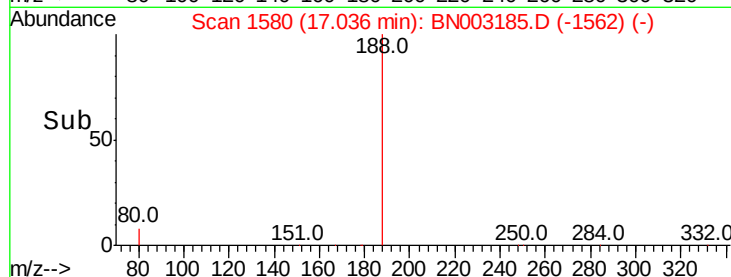
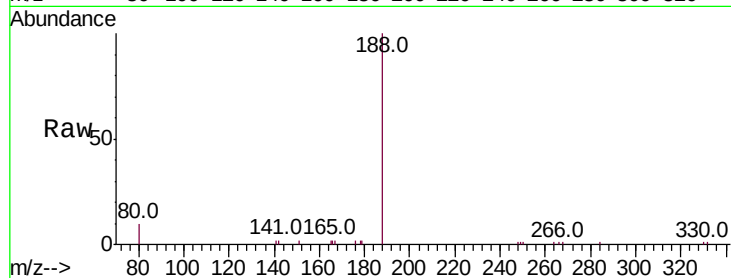
Tot Ion:188 Resp: 7543

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

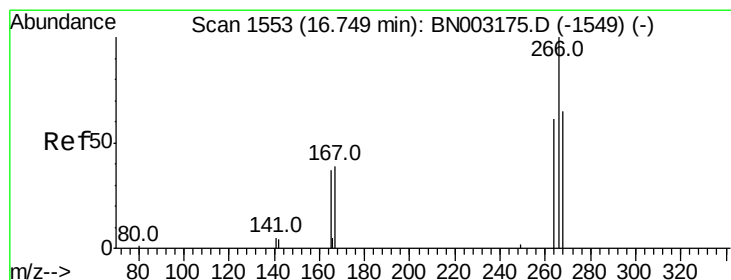
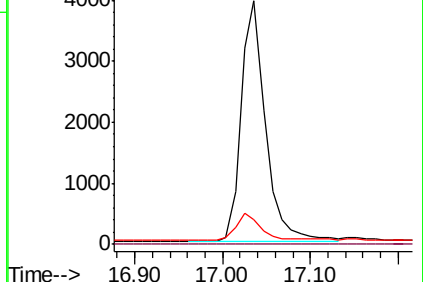
80 10.0 6.7 10.1



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



#22

Pentachlorophenol

Concen: 0.274 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

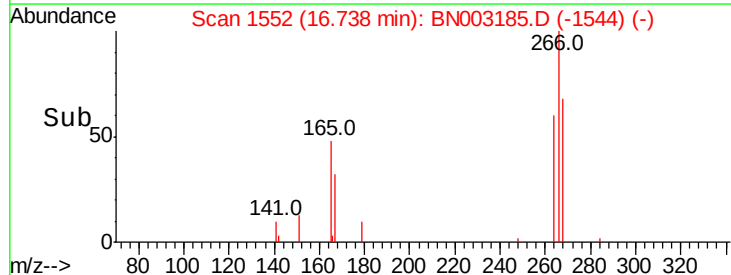
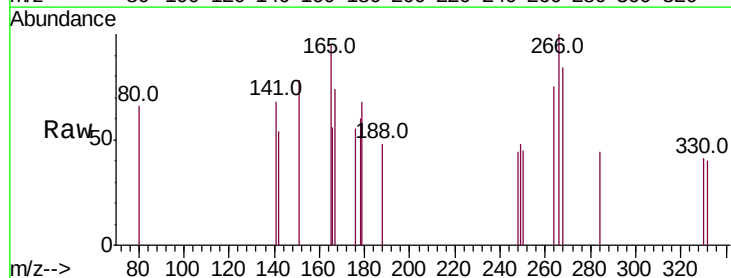
Tgt Ion:266 Resp: 202

Ion Ratio Lower Upper

266 100

264 75.2 55.0 82.4

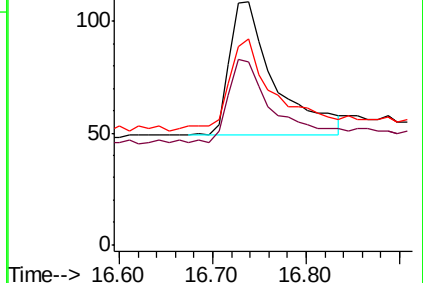
268 84.4 60.6 91.0

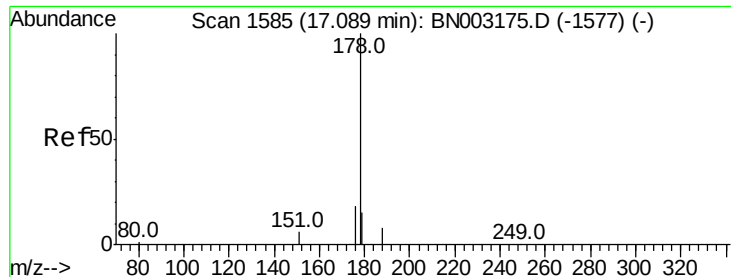


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.025 ng

RT: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

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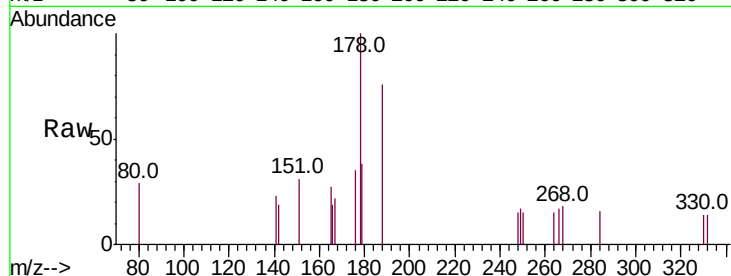
Tot Ion:178 Resp: 490

Ion Ratio Lower Upper

178 100

176 19.6 14.9 22.3

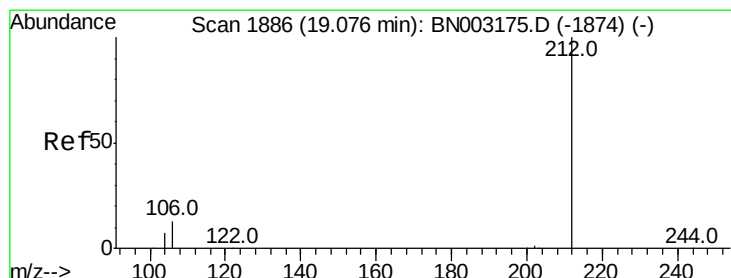
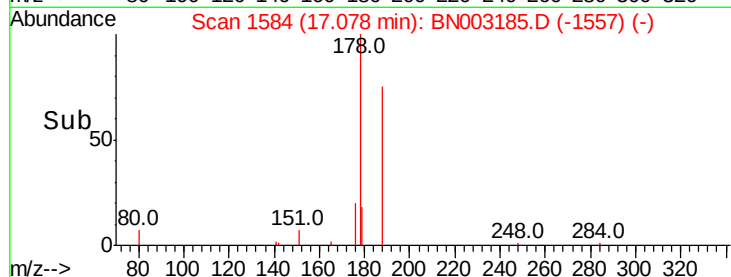
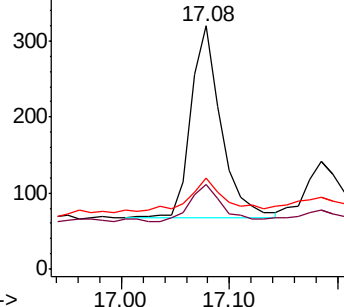
179 32.9 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.411 ng

RT: 19.07 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

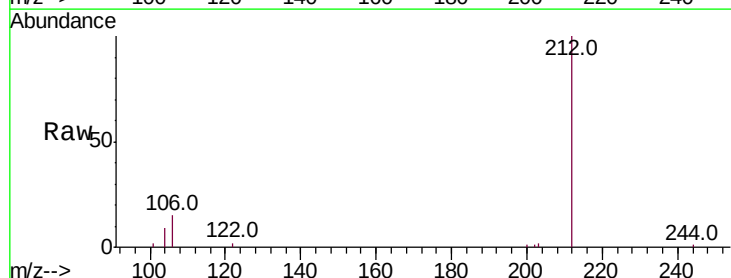
Tgt Ion:212 Resp: 9618

Ion Ratio Lower Upper

212 100

106 13.2 10.2 15.4

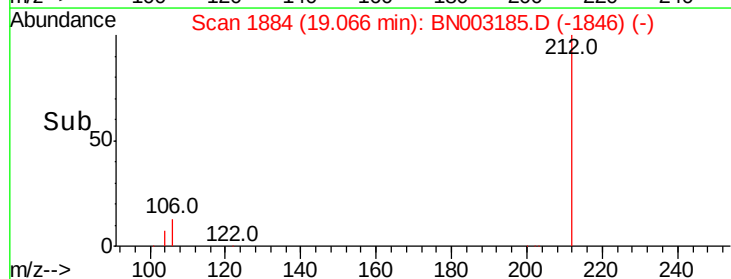
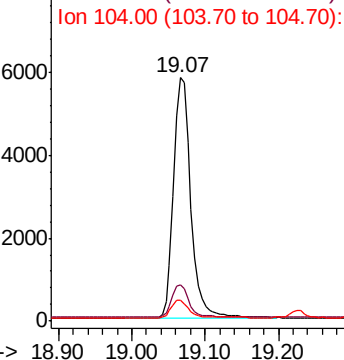
104 7.1 5.8 8.6

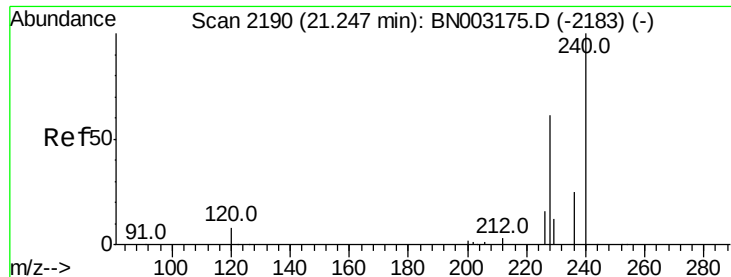


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampled :

TW-1

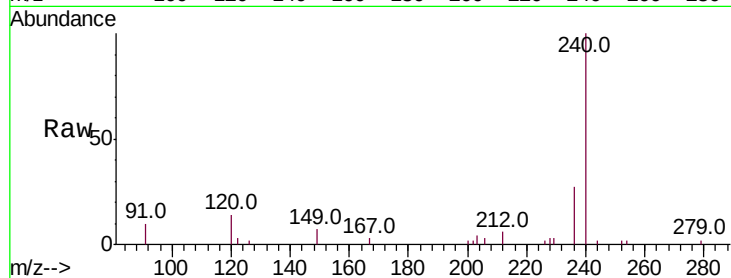
Tot Ion:240 Resp: 10301

Ion Ratio Lower Upper

240 100

120 14.1 7.8 11.8#

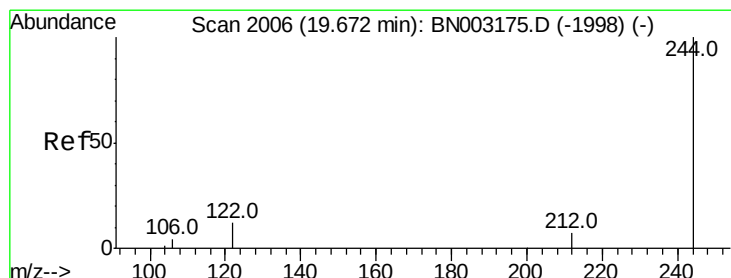
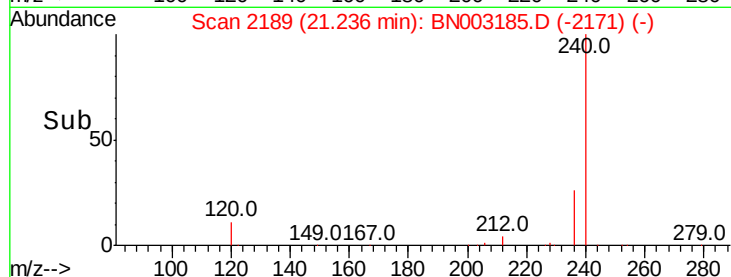
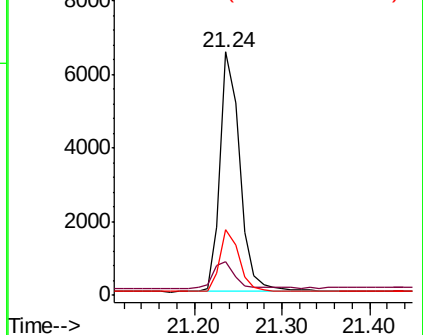
236 26.9 21.0 31.4



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: 0.588 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

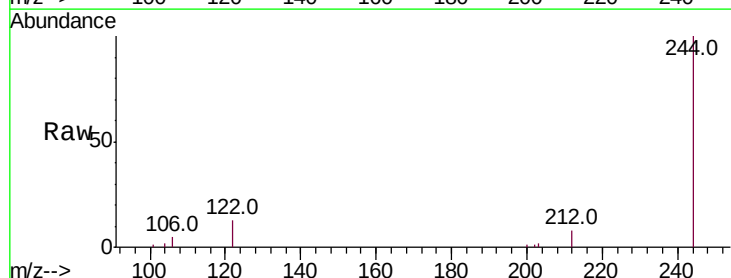
Tgt Ion:244 Resp: 13132

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

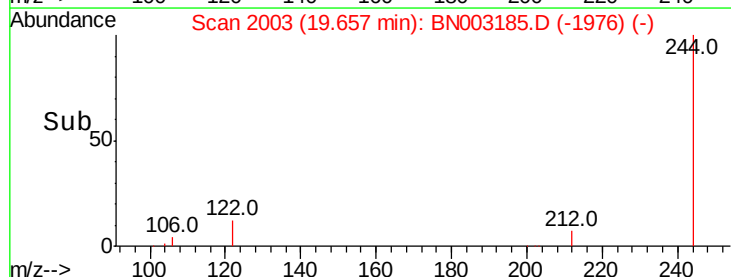
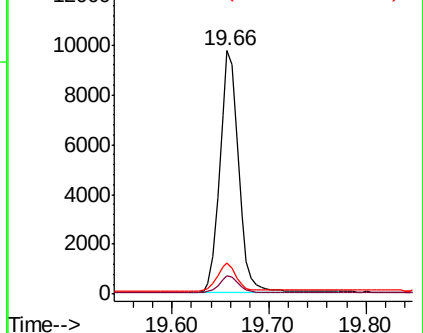
122 12.9 9.1 13.7

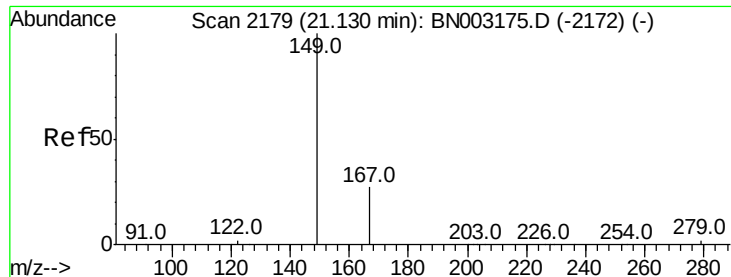


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.105 ng

RT: 21.13 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampleId :

TW-1

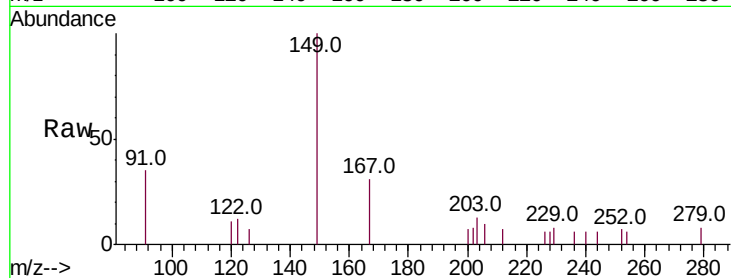
Tot Ion:149 Resp: 1623

Ion Ratio Lower Upper

149 100

167 25.3 22.2 33.4

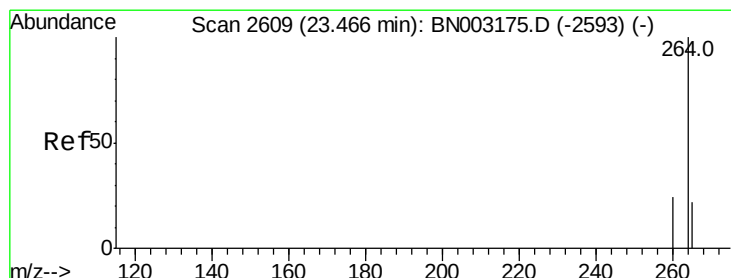
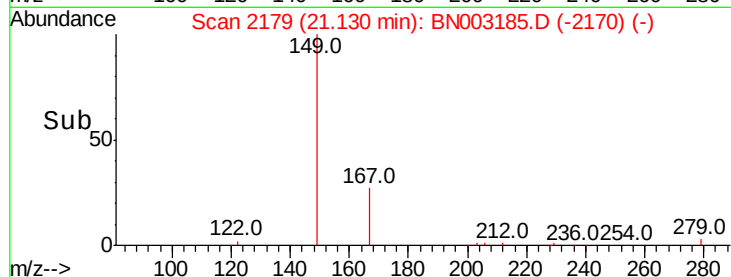
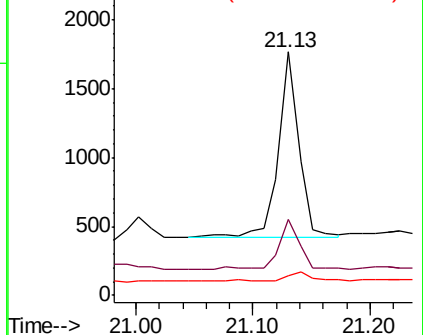
279 4.6 3.7 5.5



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: 23.46 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

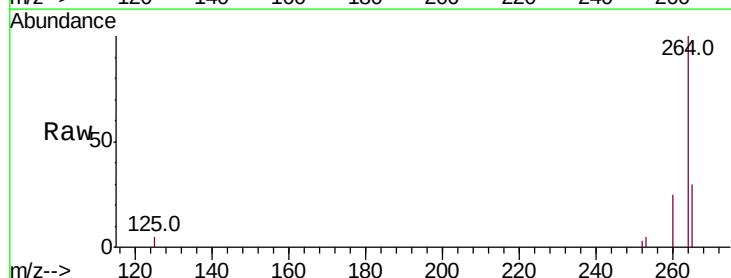
Tgt Ion:264 Resp: 11421

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 30.1 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

