

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 15:38:16 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

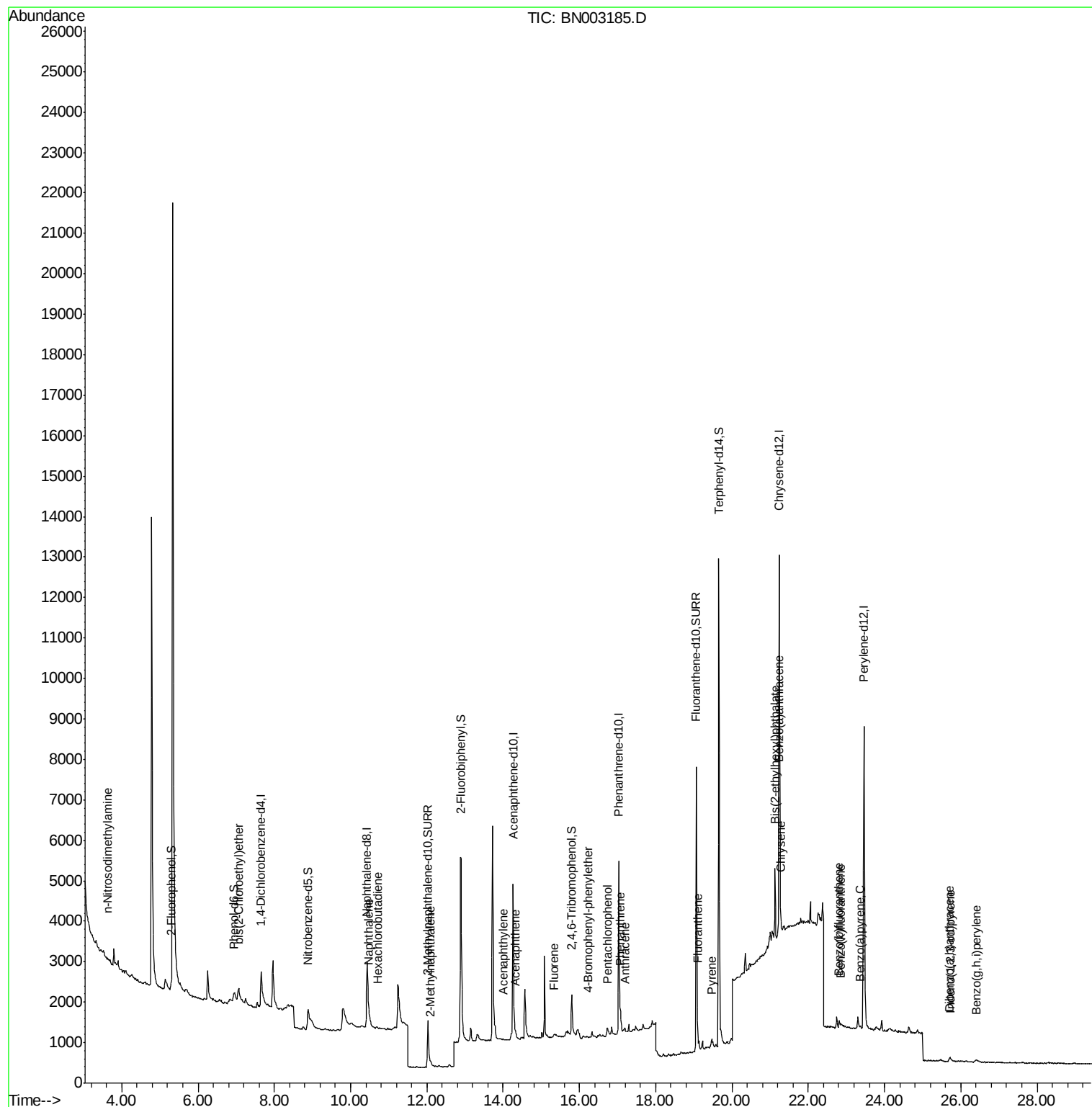
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	11	Below Cal		# 17
3) n-Nitrosodimethylamine	3.63	42	18	0.175	ng	# 1
6) bis(2-Chloroethyl)ether	7.05	93	78	0.034	ng	# 25
9) Naphthalene	10.48	128	300	0.030	ng	# 22
10) Hexachlorobutadiene	10.71	225	2	0.001	ng	# 81
12) 2-Methylnaphthalene	12.10	142	82	0.012	ng	# 72
16) Acenaphthylene	14.00	152	35	0.003	ng	# 59
17) Acenaphthene	14.32	154	76	0.009	ng	# 80
18) Fluorene	15.34	166	88	0.008	ng	# 1
20) 4-Bromophenyl-phenylether	16.23	248	1	0.000	ng	# 56
22) Pentachlorophenol	16.74	266	202	0.274	ng	# 91
23) Phenanthrene	17.08	178	490	0.025	ng	# 80
24) Anthracene	17.18	178	144	0.008	ng	# 82
26) Fluoranthene	19.10	202	289	0.011	ng	# 84
28) Pyrene	19.47	202	249	0.009	ng	# 97
30) Benzo(a)anthracene	21.23	228	183	0.007	ng	# 1
31) Chrysene	21.28	228	173	0.005	ng	# 7
32) Bis(2-ethylhexyl)phthalate	21.13	149	1623	0.105	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.72	276	171	0.005	ng	# 68
35) Benzo(b)fluoranthene	22.81	252	244	0.008	ng	# 1
36) Benzo(k)fluoranthene	22.85	252	164	0.005	ng	# 1
37) Benzo(a)pyrene	23.37	252	132	0.004	ng	# 1
38) Dibenzo(a,h)anthracene	25.71	278	115	0.004	ng	# 1
39) Benzo(g,h,i)perylene	26.40	276	154	0.005	ng	# 1

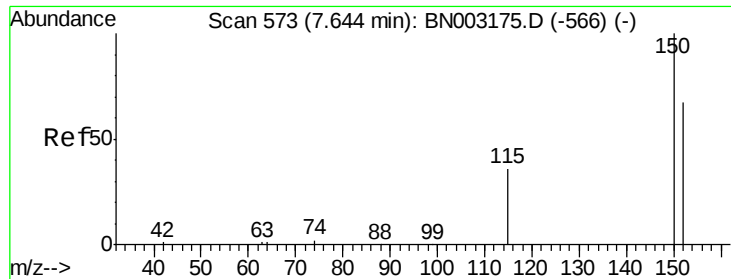
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 15:38:16 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





#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

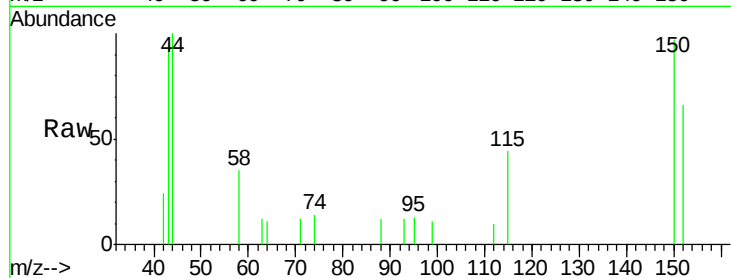
Tgt Ion:152 Resp: 868

Ion Ratio Lower Upper

152 100

150 146.9 126.2 189.4

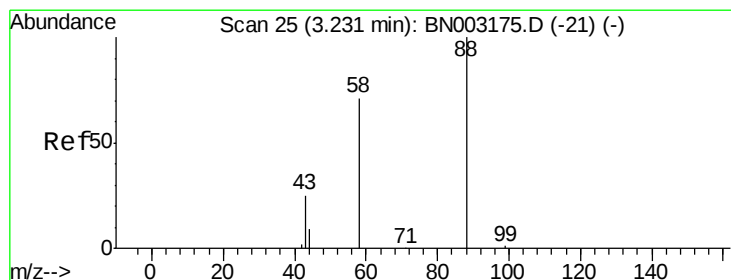
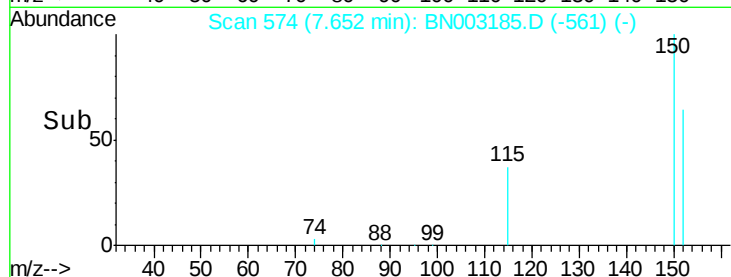
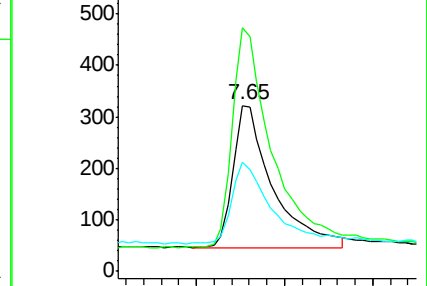
115 66.1 49.8 74.6



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.26 min Scan# 28

Delta R.T. 0.02 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

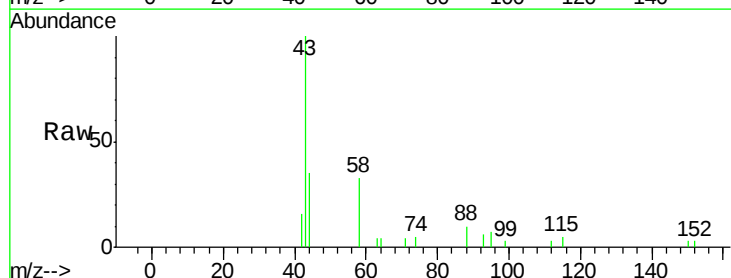
Tgt Ion: 88 Resp: 11

Ion Ratio Lower Upper

88 100

58 0.0 66.7 100.1#

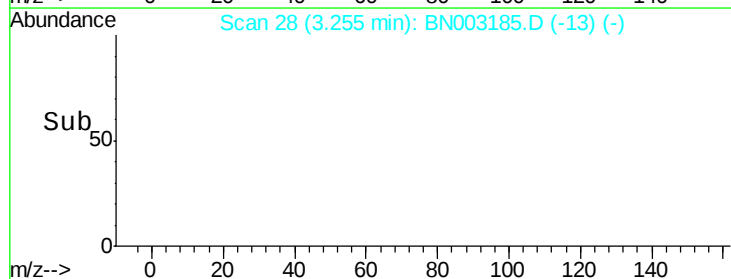
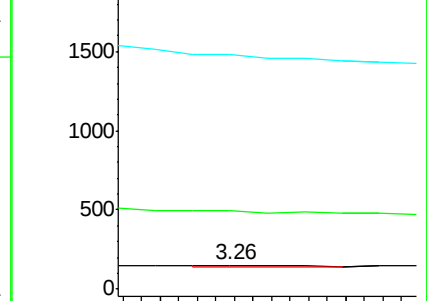
43 0.0 24.6 37.0#

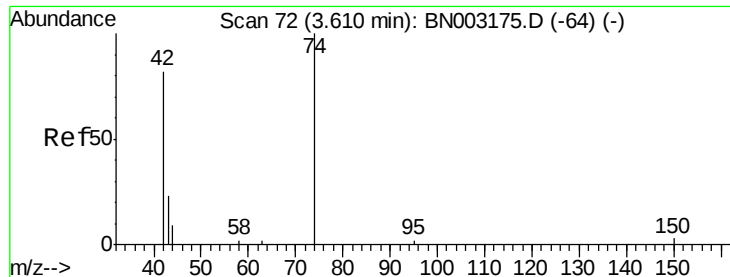


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



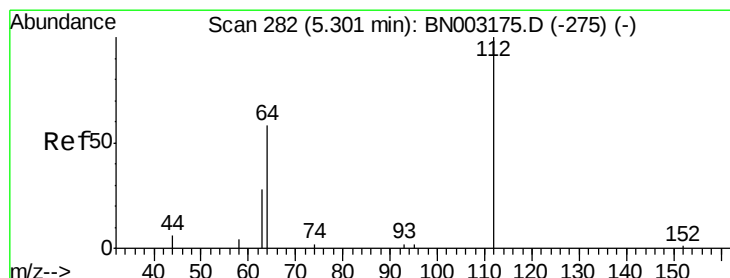
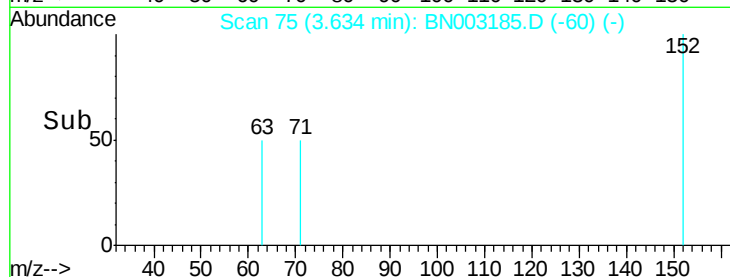
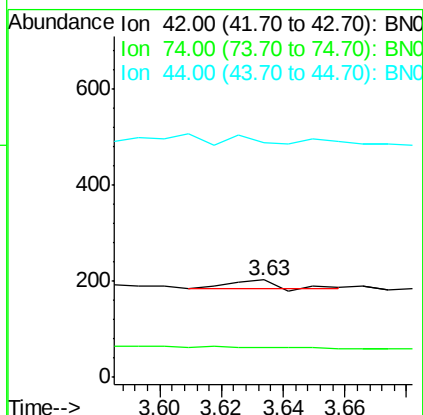
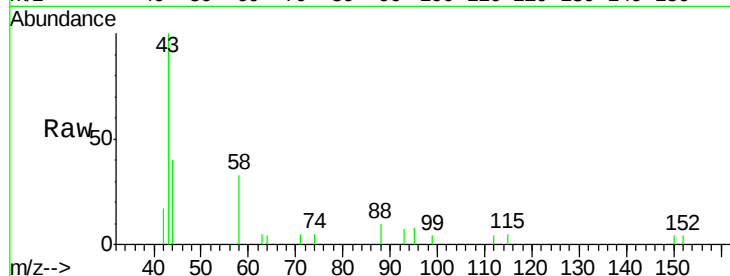


#3

n-Nitrosodimethylamine
 Concen: 0.175 ng
 RT: 3.63 min Scan# 75
 Delta R.T. 0.02 min
 Lab File: BN003185.D
 Acq: 17 Oct 2018 18:18

Instrument :
 BNA_N
 ClientSampleId :
 TW-1

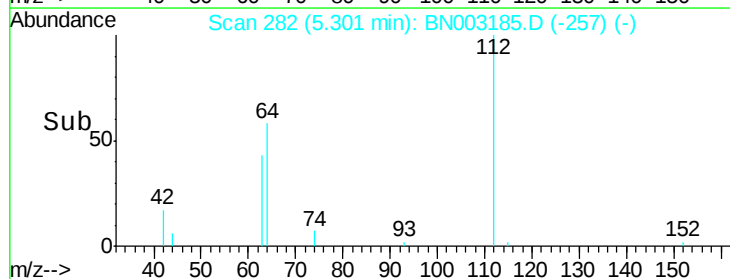
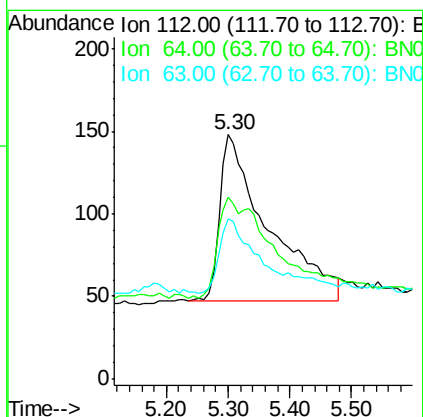
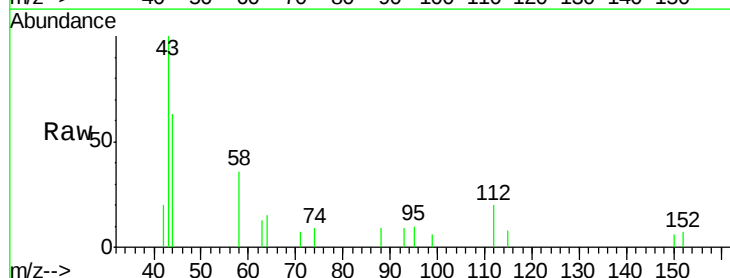
Tgt Ion: 42 Resp: 18
 Ion Ratio Lower Upper
 42 100
 74 0.0 102.9 154.3#
 44 0.0 0.0 0.0

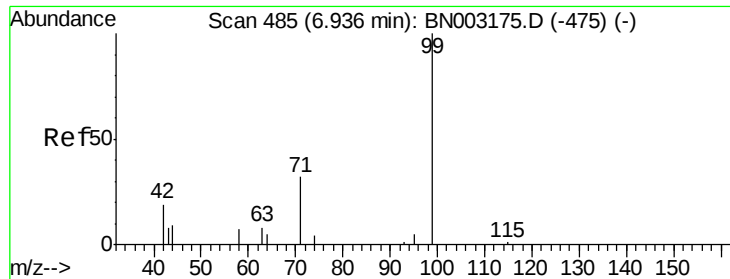


#4

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#





#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

ClientSampleId :

TW-1

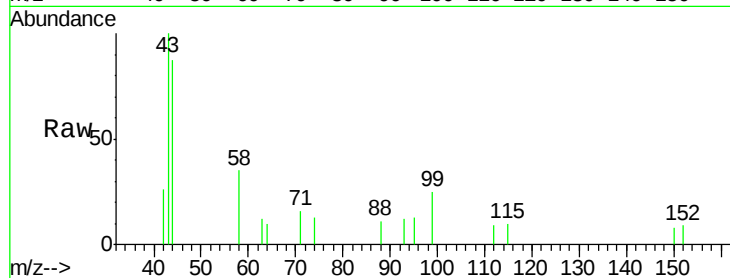
Tgt Ion: 99 Resp: 429

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): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

6.94

150

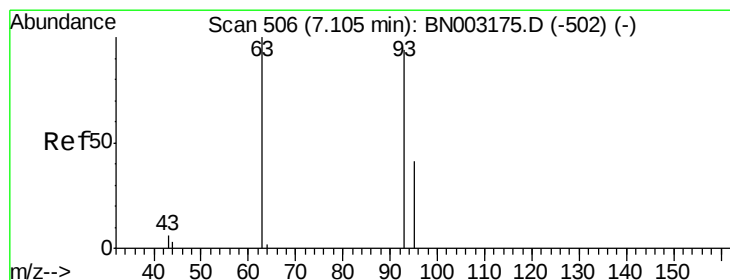
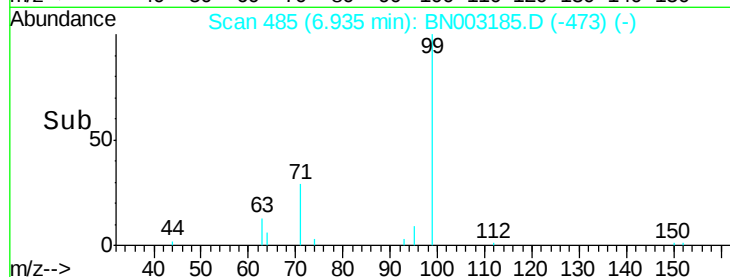
100

50

0

6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.034 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.06 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

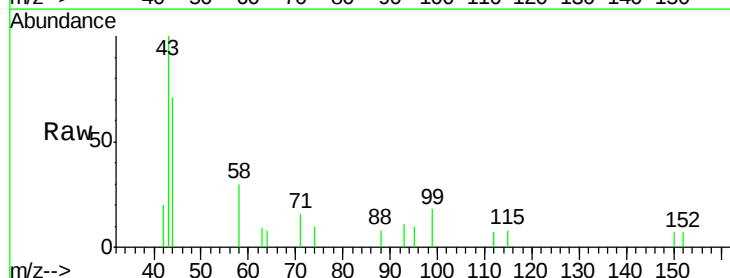
Tgt Ion: 93 Resp: 78

Ion Ratio Lower Upper

93 100

63 0.0 54.2 81.4#

95 0.0 24.9 37.3#



Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

7.05

100

80

60

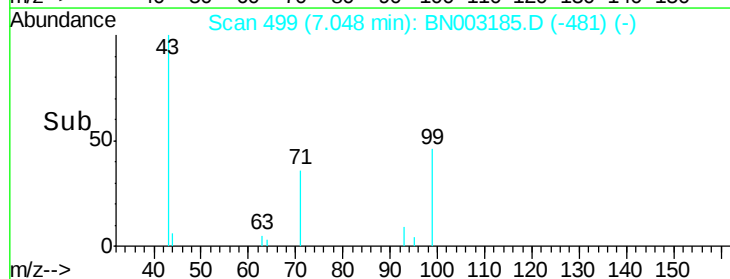
40

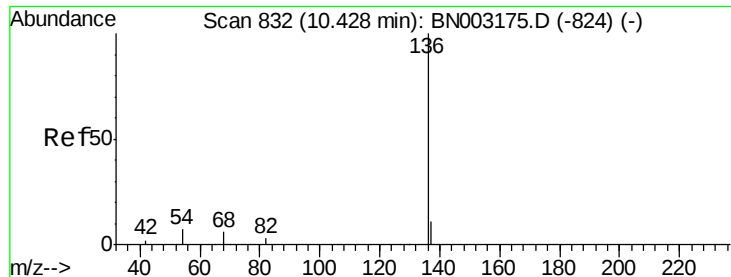
20

0

7.00 7.10 7.20

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

Instrument :

BNA_N

ClientSampleId :

TW-1

Tgt Ion: 136 Resp: 4046

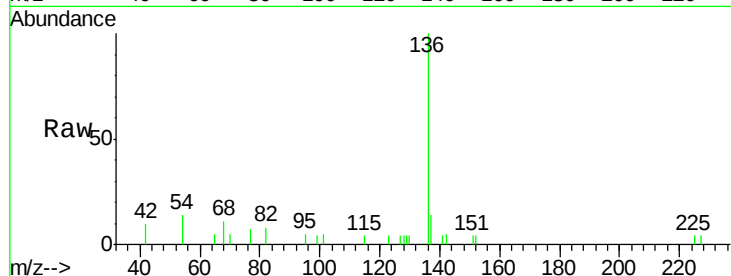
Ion Ratio Lower Upper

136 100

137 14.1 9.4 14.0#

54 13.7 7.4 11.0#

68 11.0 5.8 8.6#

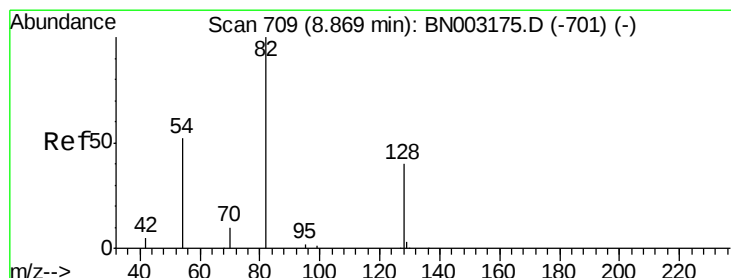
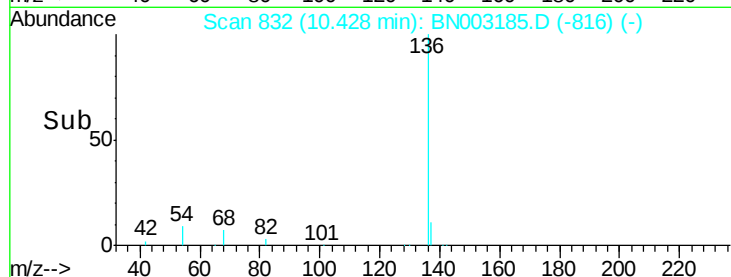
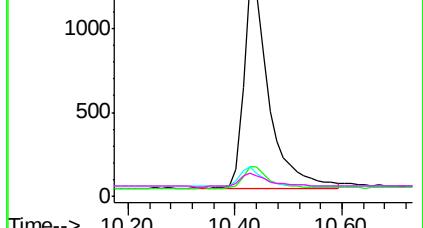


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.453 ng

RT: 8.88 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

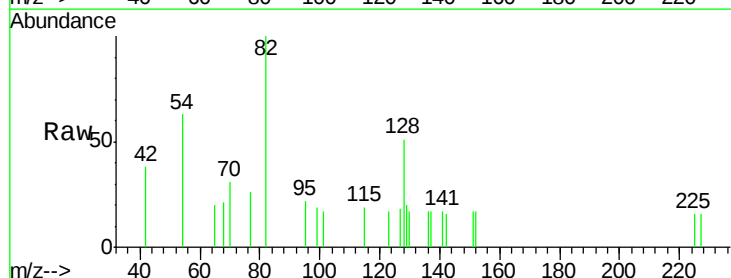
Tgt Ion: 82 Resp: 1180

Ion Ratio Lower Upper

82 100

128 51.4 38.2 57.4

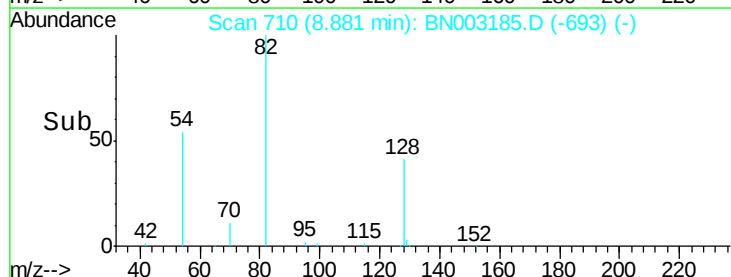
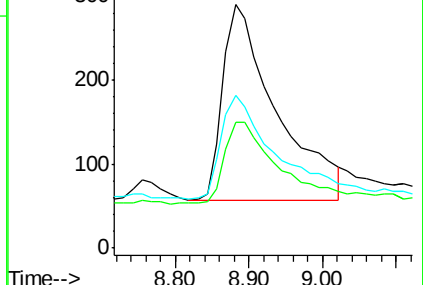
54 62.8 44.1 66.1

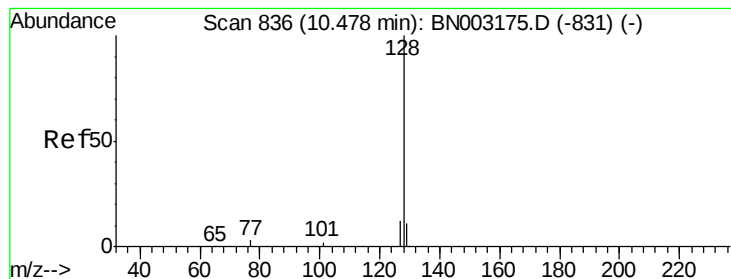


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

TW-1

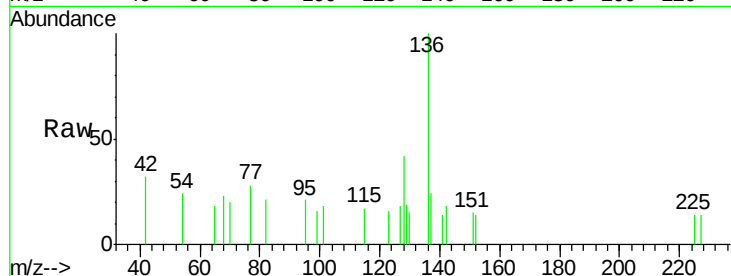
Tgt Ion:128 Resp: 300

Ion Ratio Lower Upper

128 100

129 44.9 9.8 14.6#

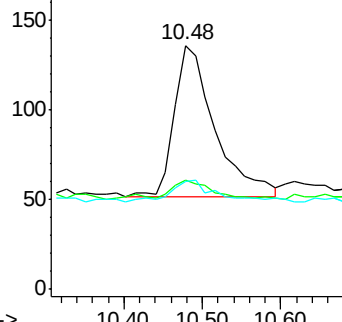
127 44.1 11.4 17.2#



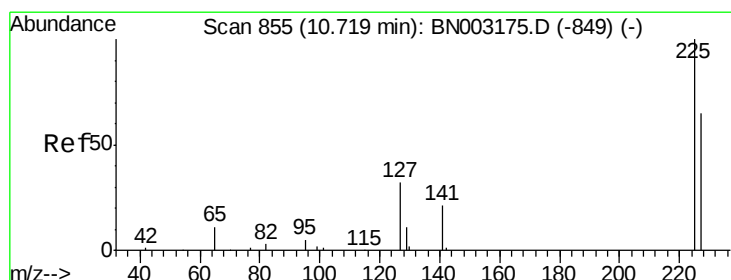
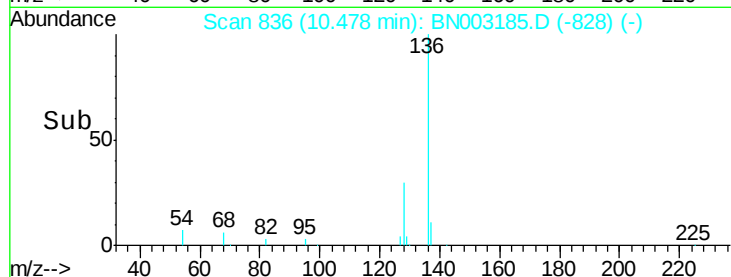
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

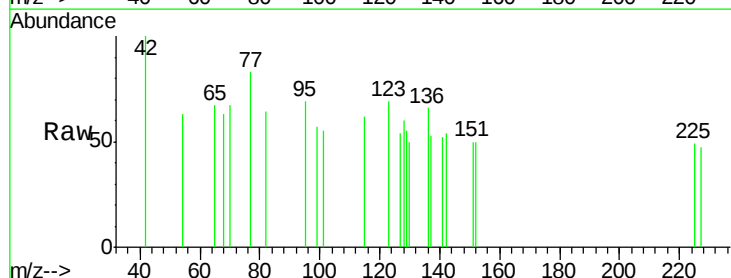
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

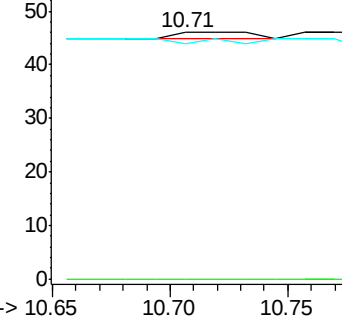
227 50.0 51.8 77.8#



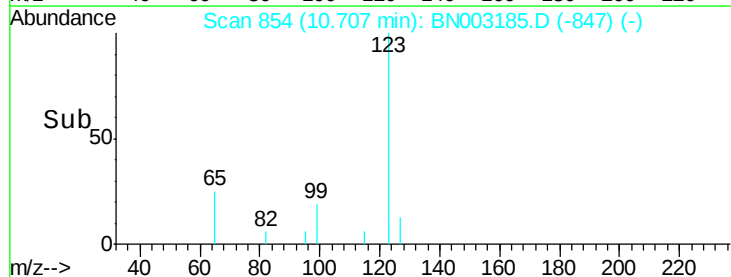
Abundance Ion 225.00 (224.70 to 225.70): E

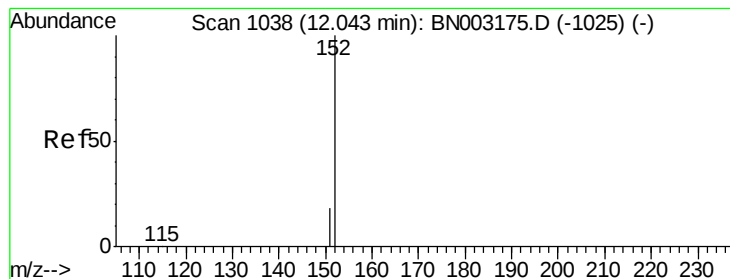
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

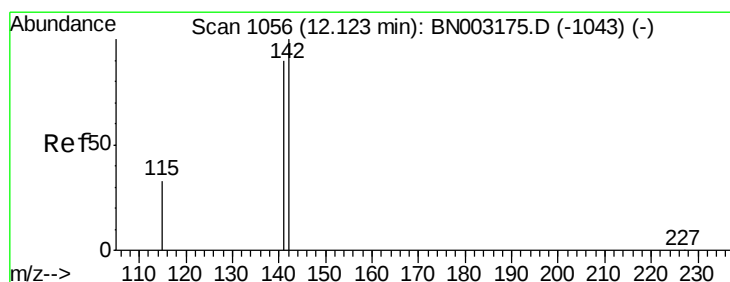
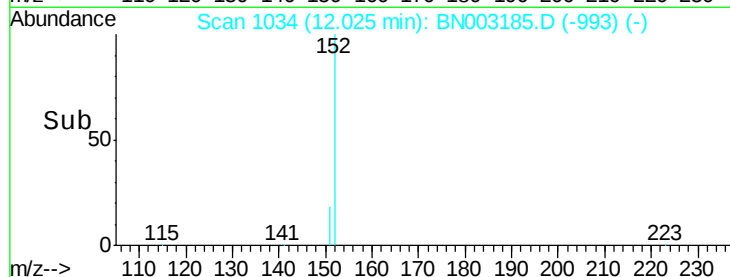
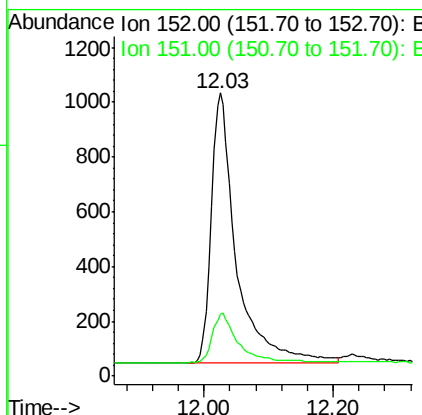
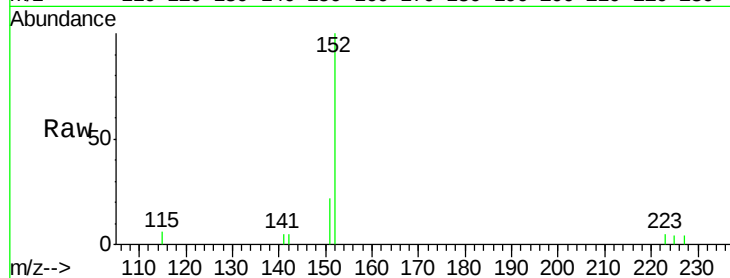




#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.03 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BN003185.D
 Acq: 17 Oct 2018 18:18

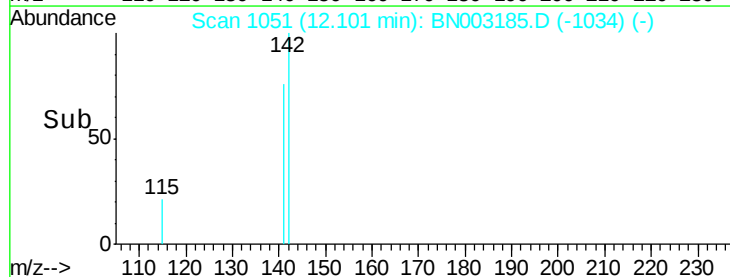
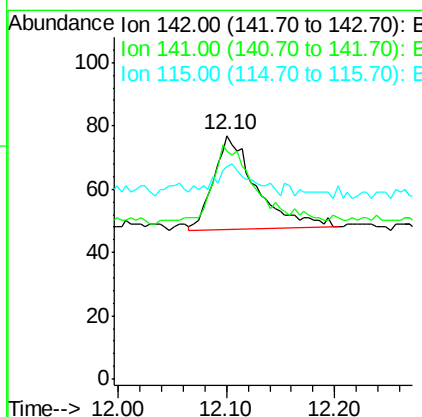
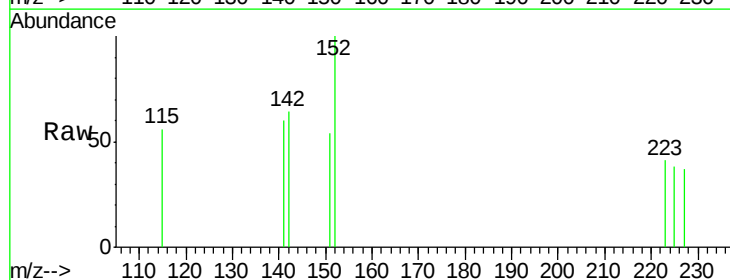
Instrument :
 BNA_N
 ClientSampleId :
 TW-1

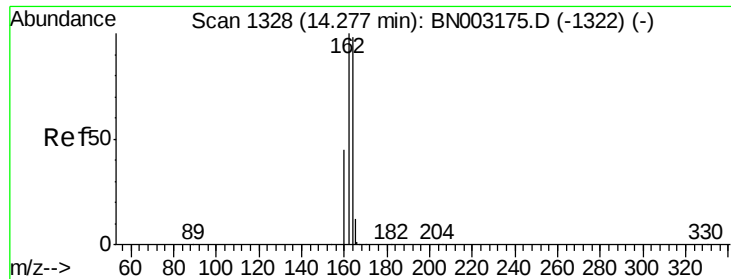
Tgt Ion: 152 Resp: 2658
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.012 ng
 RT: 12.10 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BN003185.D
 Acq: 17 Oct 2018 18:18

Tgt Ion: 142 Resp: 82
 Ion Ratio Lower Upper
 142 100
 141 93.5 71.5 107.3
 115 87.0 28.1 42.1#





#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

Instrument :

BNA_N

ClientSampleId :

TW-1

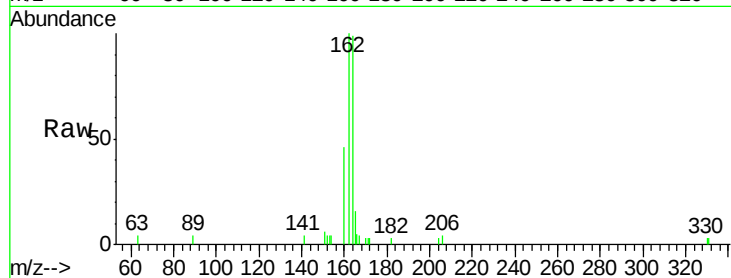
Tgt Ion:164 Resp: 2812

Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

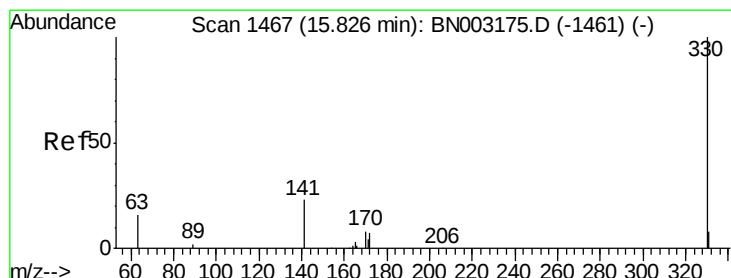
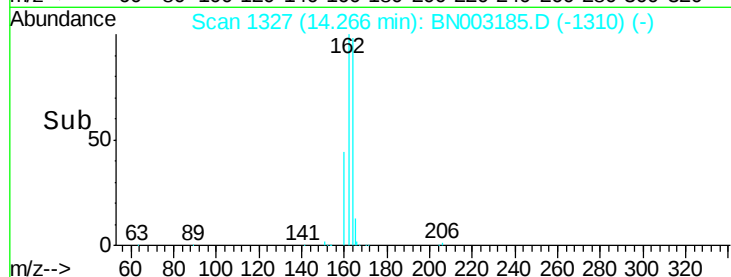
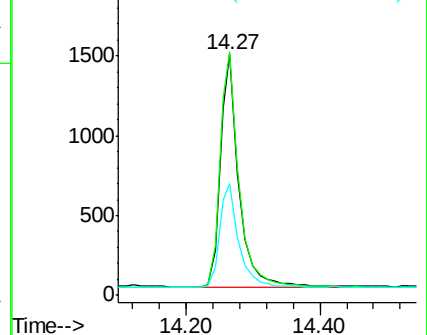
160 46.5 36.3 54.5



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: 0.616 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

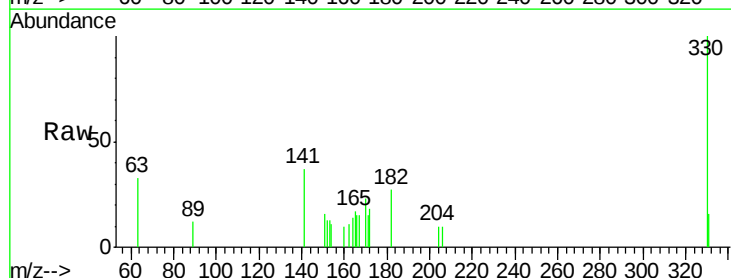
Tgt Ion:330 Resp: 1104

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

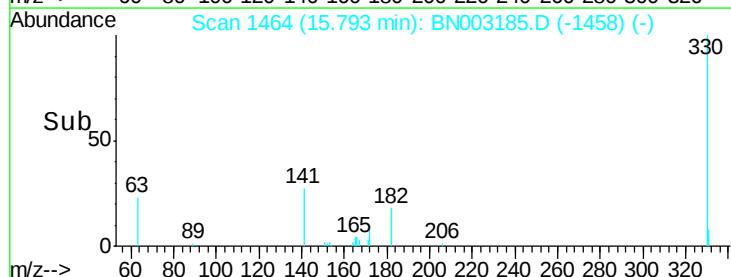
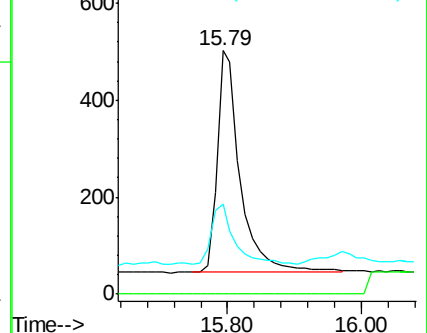
141 27.2 22.6 33.8

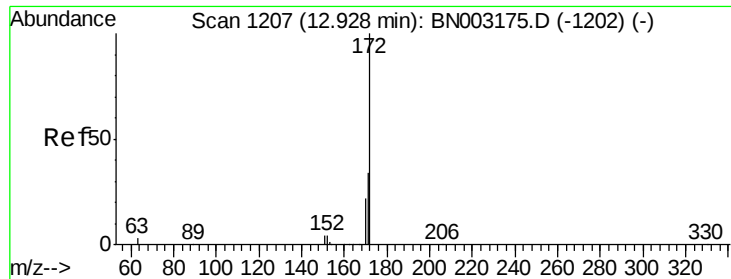


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

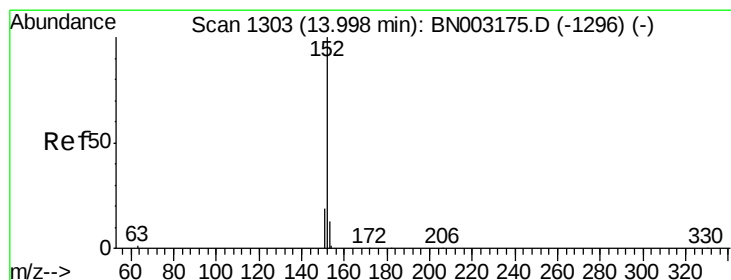
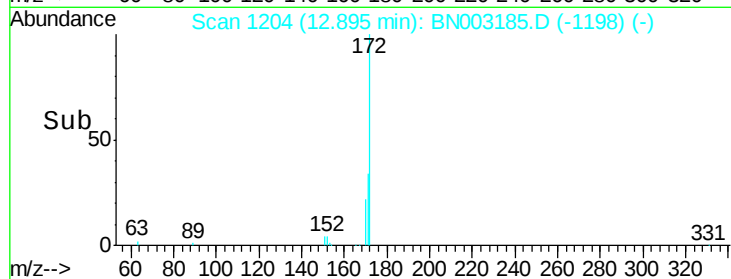
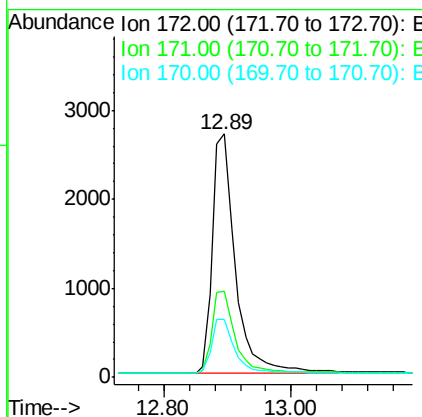
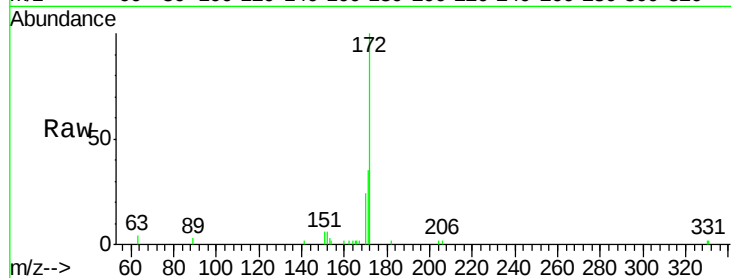




#15
2-Fluorobiphenyl
Concen: 0.605 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BN003185.D
Acq: 17 Oct 2018 18:18

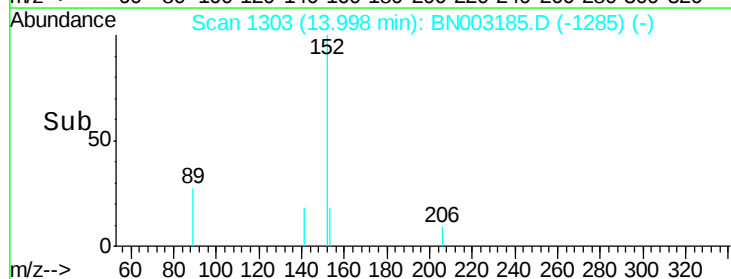
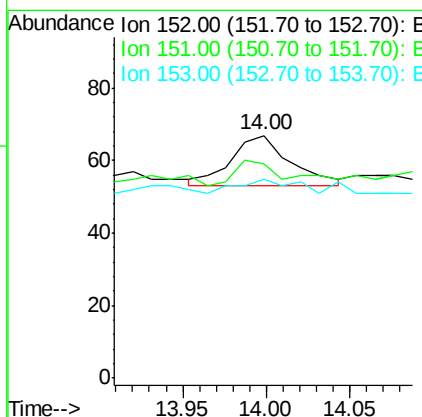
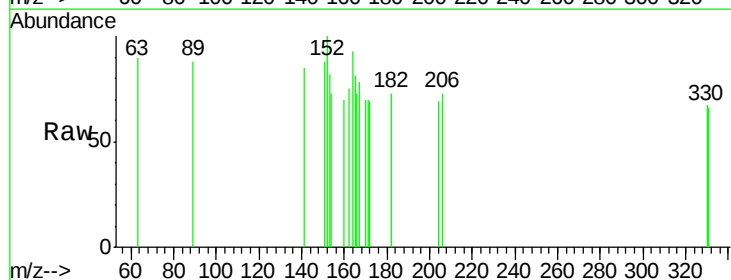
Instrument :
BNA_N
ClientSampleId :
TW-1

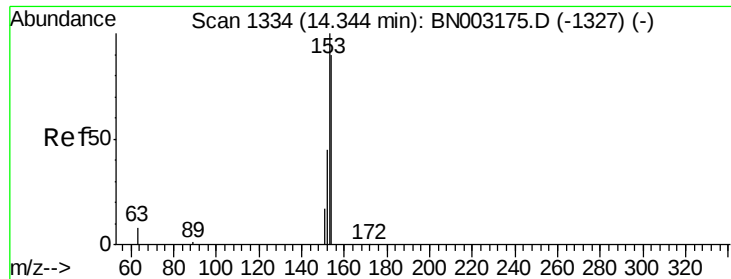
Tgt Ion:172 Resp: 6700
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.7 18.6 27.8



#16
Acenaphthylene
Concen: 0.003 ng
RT: 14.00 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BN003185.D
Acq: 17 Oct 2018 18:18

Tgt Ion:152 Resp: 35
Ion Ratio Lower Upper
152 100
151 37.1 15.7 23.5#
153 31.4 10.6 16.0#





#17

Acenaphthene

Concen: 0.009 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampleId :

TW-1

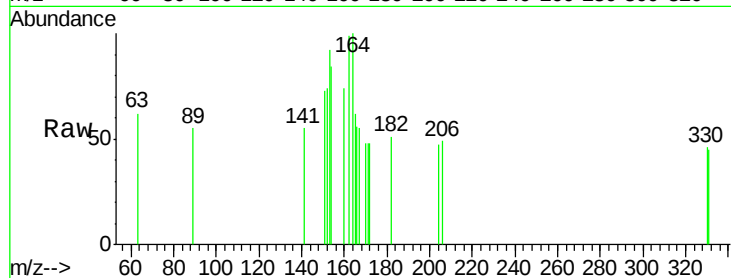
Tgt Ion:154 Resp: 76

Ion Ratio Lower Upper

154 100

153 92.1 91.0 136.4

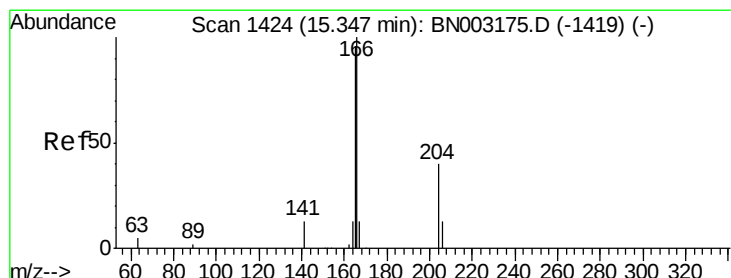
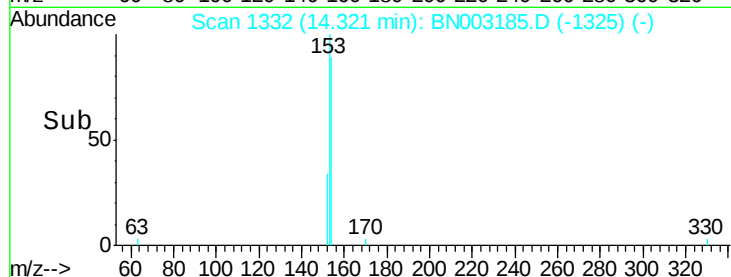
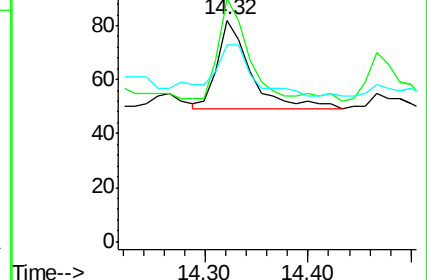
152 69.7 43.8 65.6#



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: 0.008 ng

RT: 15.34 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

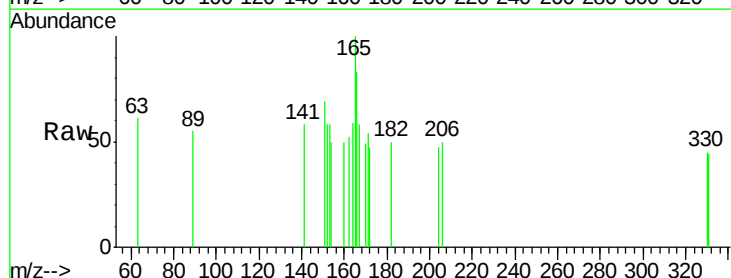
Tgt Ion:166 Resp: 88

Ion Ratio Lower Upper

166 100

165 220.5 78.2 117.2#

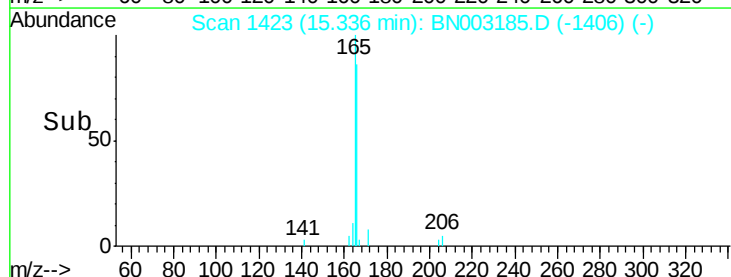
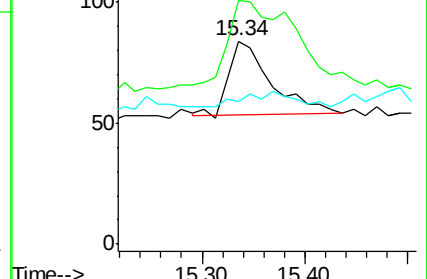
167 0.0 10.7 16.1#

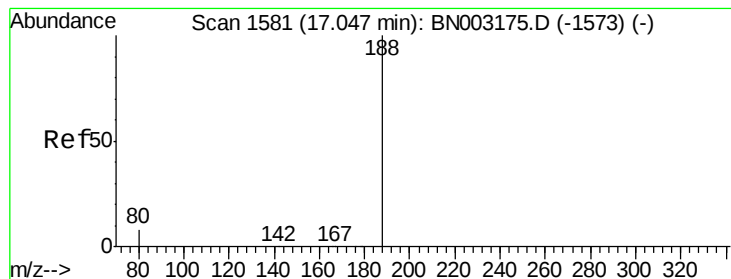


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.04 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampled :

TW-1

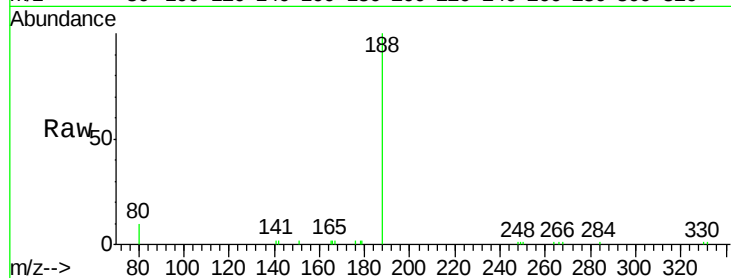
Tgt Ion:188 Resp: 7543

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

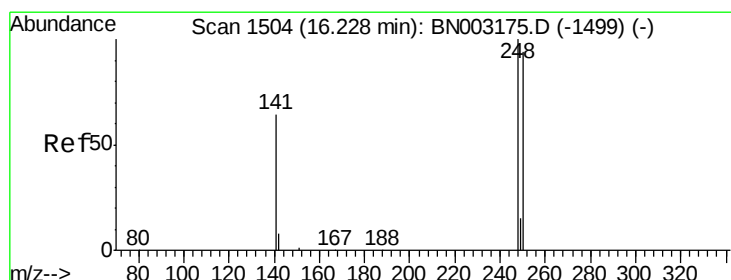
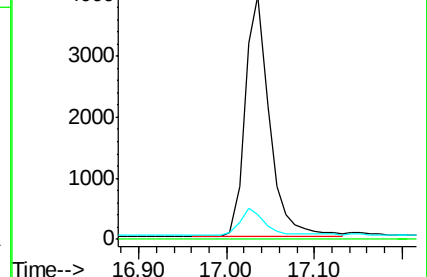
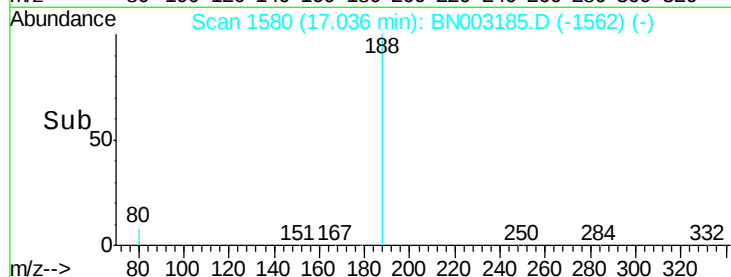
80 10.0 6.7 10.1



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



#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.23 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

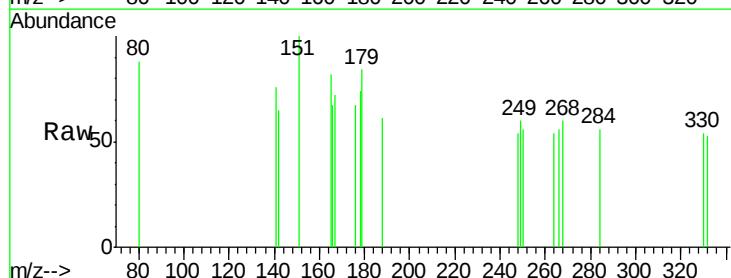
Tgt Ion:248 Resp: 1

Ion Ratio Lower Upper

248 100

250 104.3 78.9 118.3

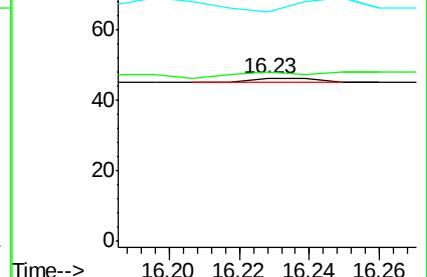
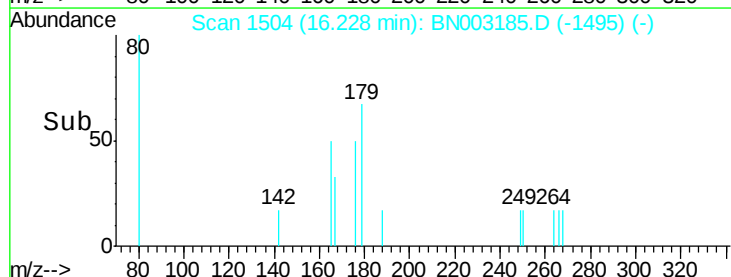
141 141.3 48.5 72.7#

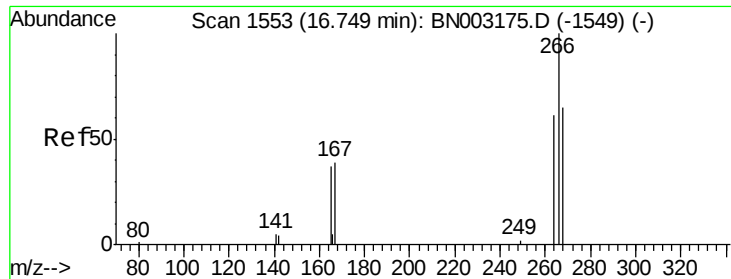


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

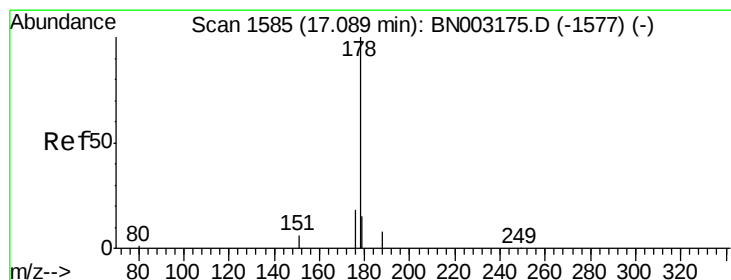
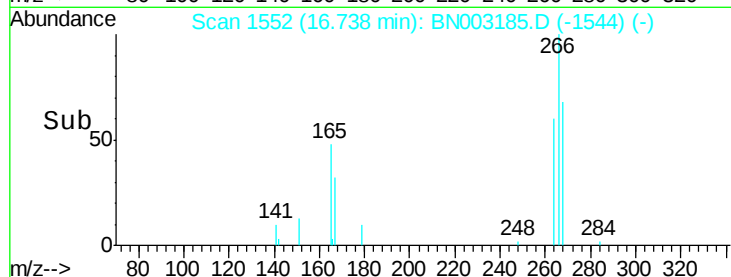
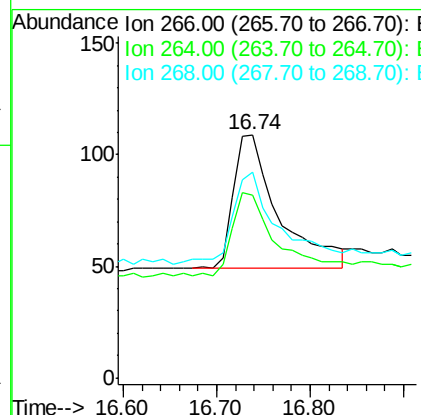
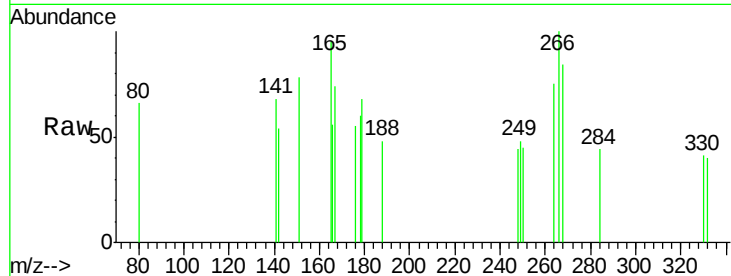




#22
 Pentachlorophenol
 Concen: 0.274 ng
 RT: 16.74 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BN003185.D
 Acq: 17 Oct 2018 18:18

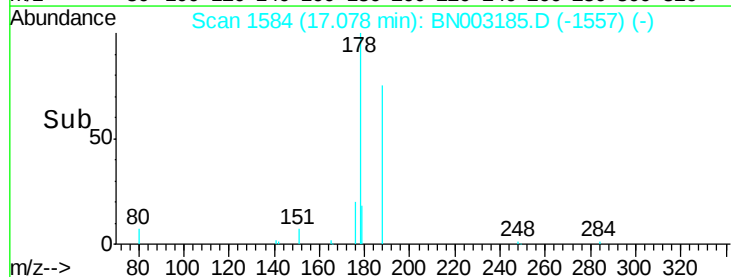
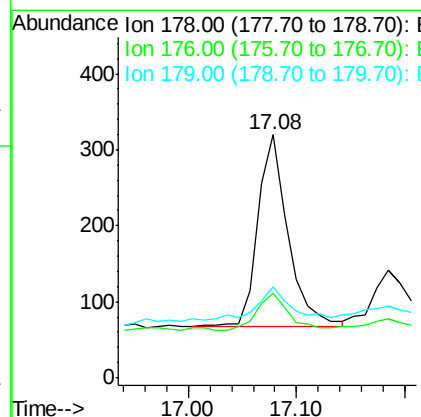
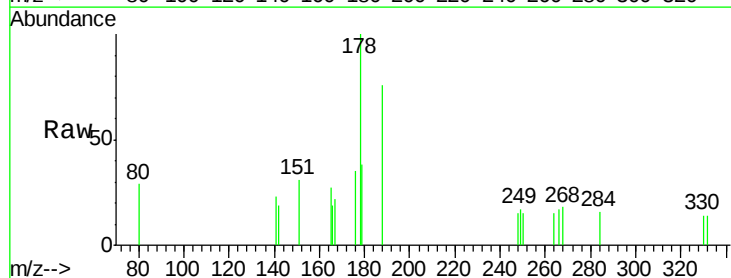
Instrument :
 BNA_N
 ClientSampled :
 TW-1

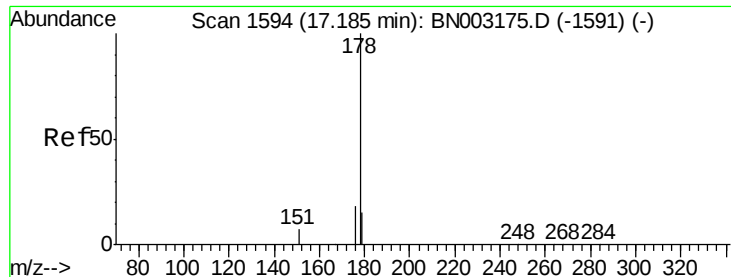
Tgt Ion: 266 Resp: 202
 Ion Ratio Lower Upper
 266 100
 264 75.2 55.0 82.4
 268 84.4 60.6 91.0



#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

Tgt Ion: 178 Resp: 490
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.9 22.3
 179 32.9 12.3 18.5#





#24

Anthracene

Concen: 0.008 ng

RT: 17.18 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampled :

TW-1

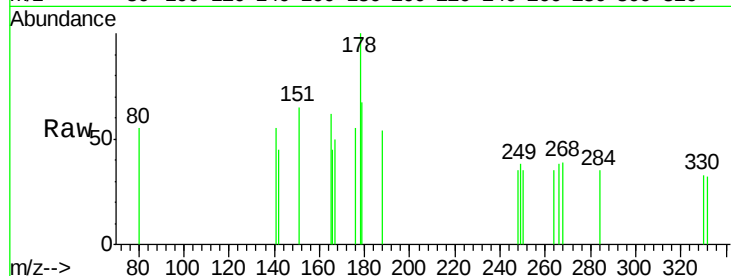
Tgt Ion:178 Resp: 144

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

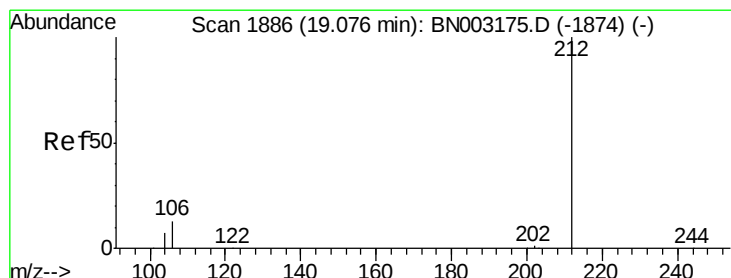
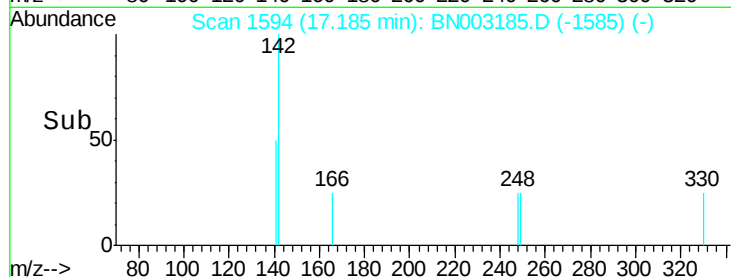
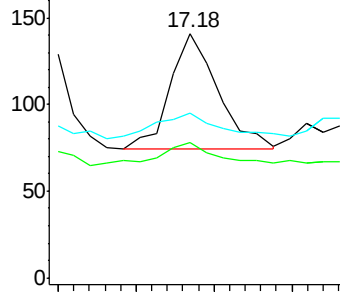
179 31.3 12.3 18.5#



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

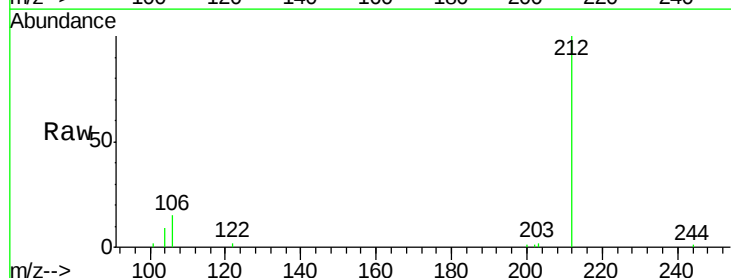
Tgt Ion:212 Resp: 9618

Ion Ratio Lower Upper

212 100

106 13.2 10.2 15.4

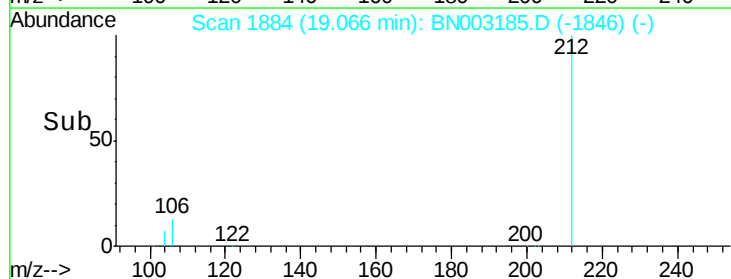
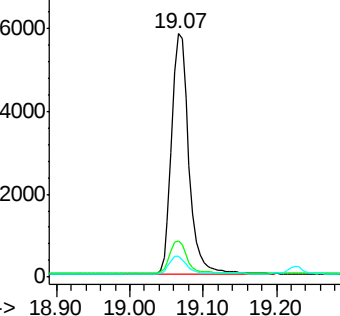
104 7.1 5.8 8.6

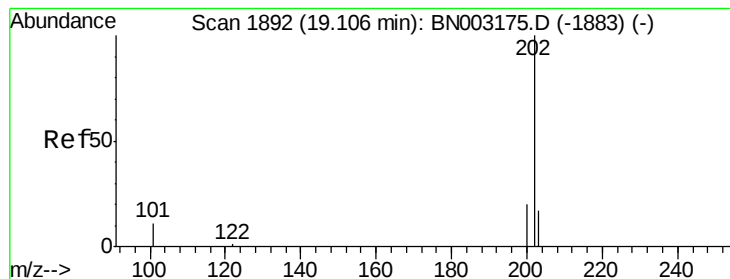


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.011 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampleId :

TW-1

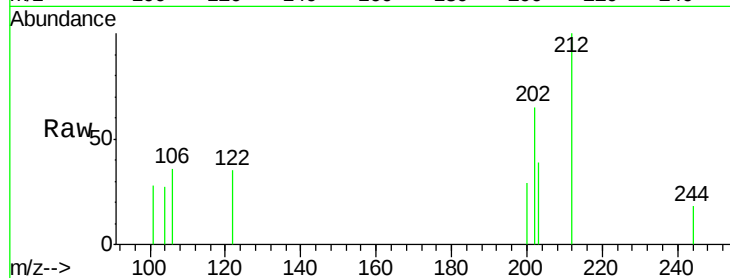
Tgt Ion:202 Resp: 289

Ion Ratio Lower Upper

202 100

101 8.7 8.6 12.8

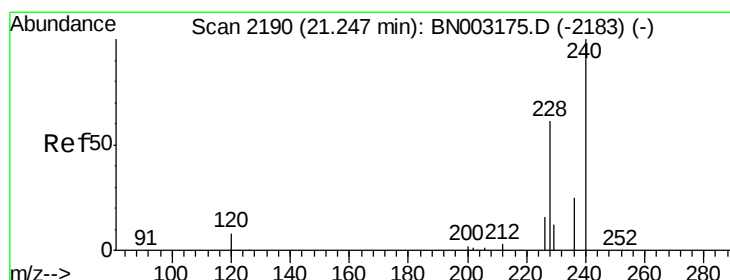
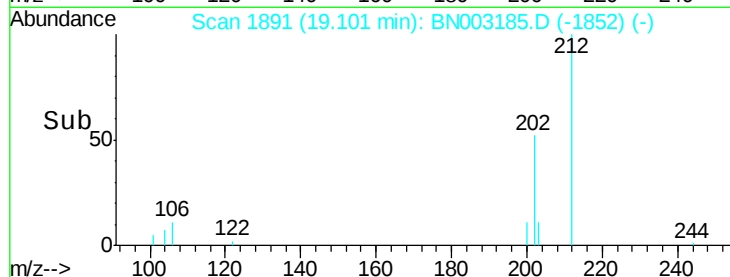
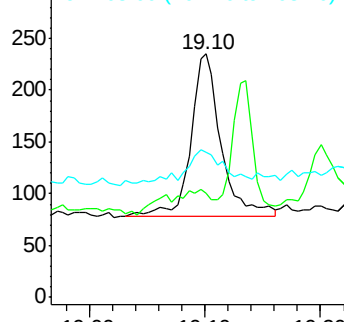
203 27.0 13.7 20.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): 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

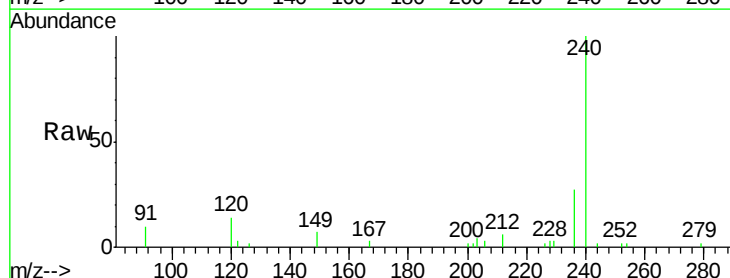
Tgt Ion:240 Resp: 10301

Ion Ratio Lower Upper

240 100

120 14.1 7.8 11.8#

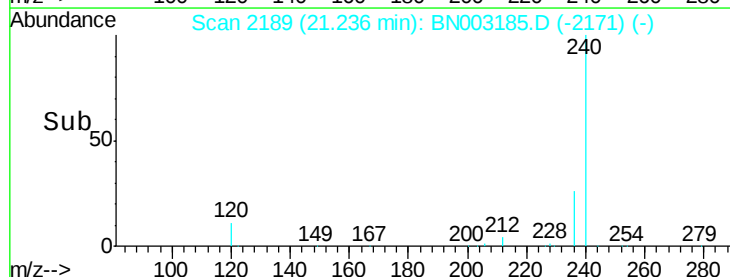
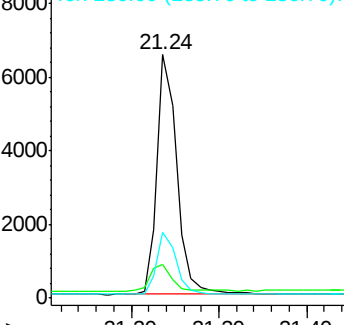
236 26.9 21.0 31.4

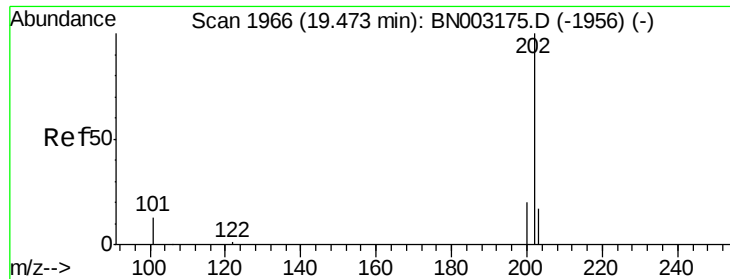


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.009 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampled :

TW-1

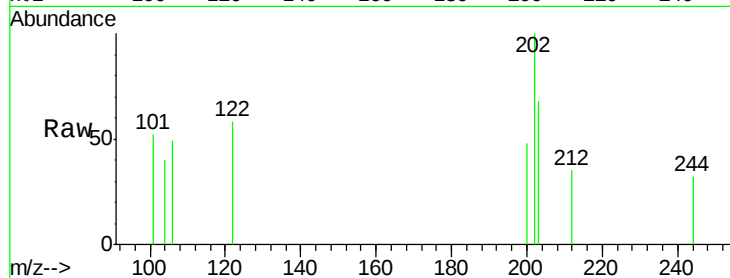
Tgt Ion:202 Resp: 249

Ion Ratio Lower Upper

202 100

200 19.3 16.3 24.5

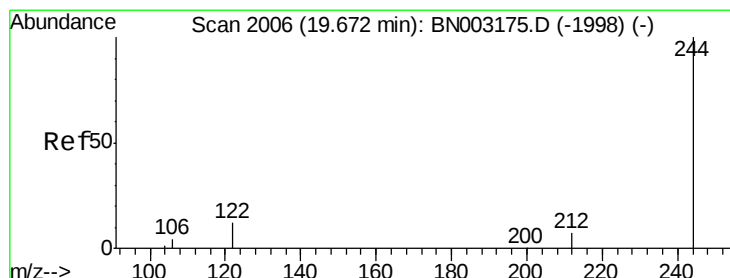
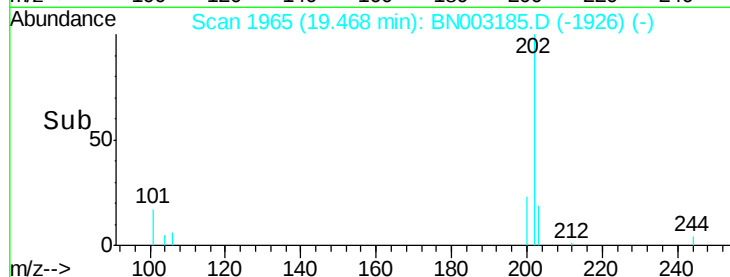
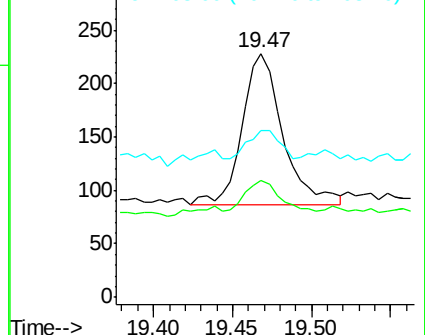
203 15.7 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): 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

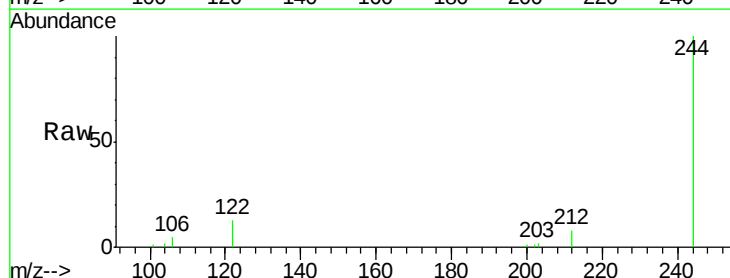
Tgt Ion:244 Resp: 13132

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

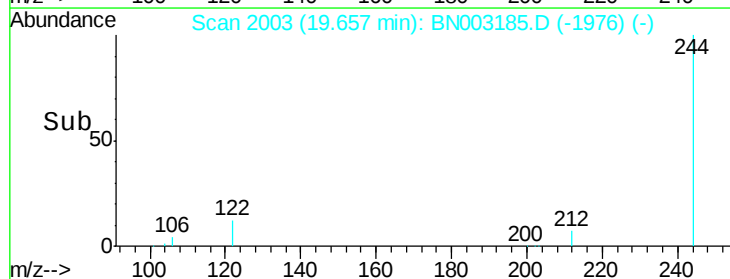
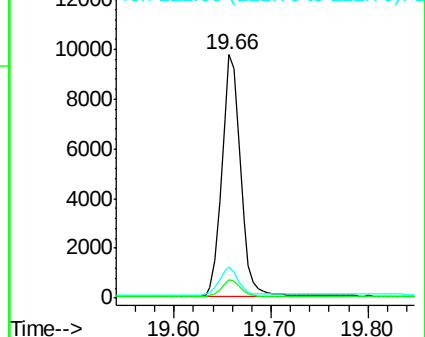
122 12.9 9.1 13.7

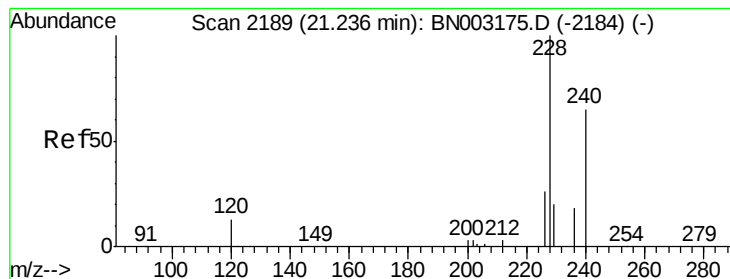


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.007 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampled :

TW-1

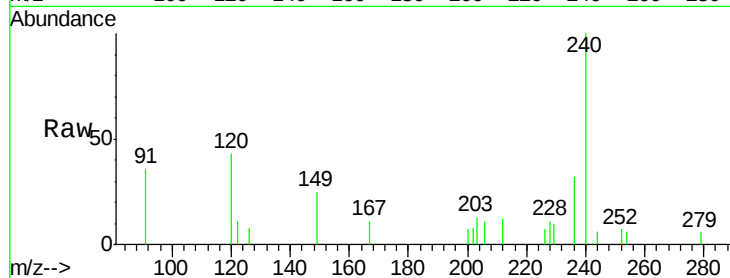
Tgt Ion:228 Resp: 183

Ion Ratio Lower Upper

228 100

226 67.0 21.4 32.2#

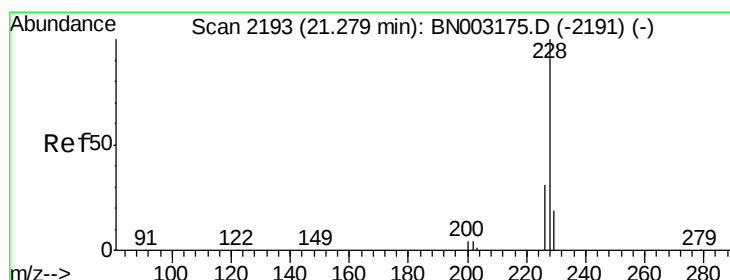
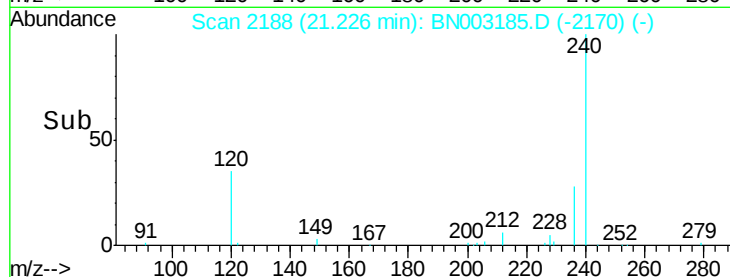
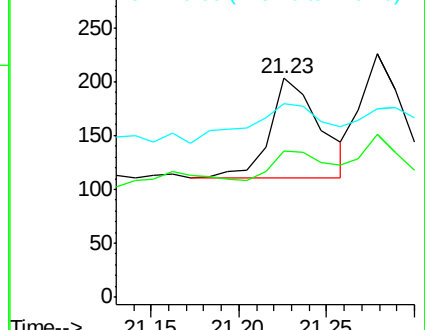
229 88.2 16.4 24.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.005 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

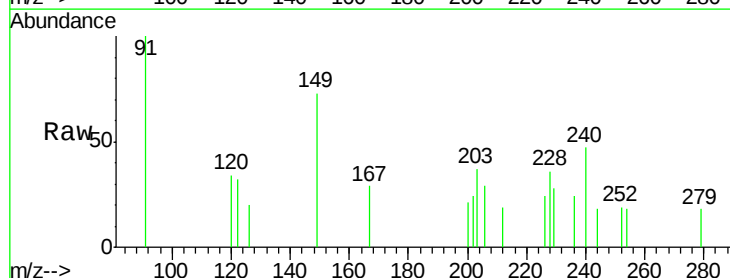
Tgt Ion:228 Resp: 173

Ion Ratio Lower Upper

228 100

226 66.8 23.1 34.7#

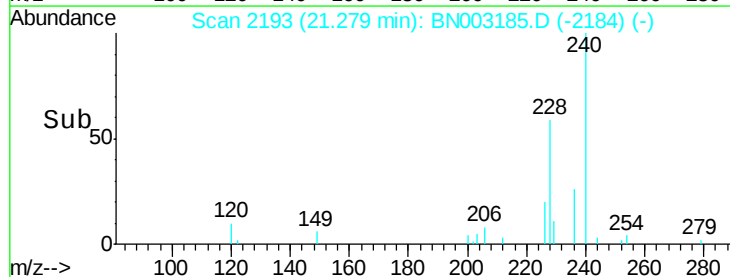
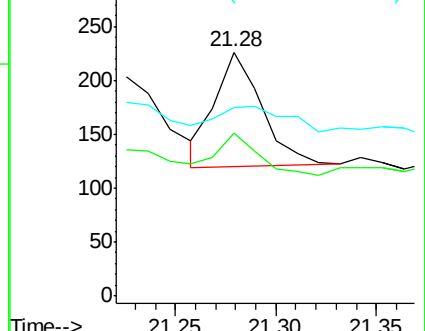
229 77.4 15.9 23.9#

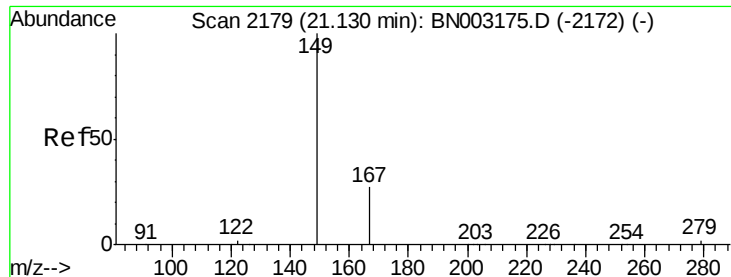


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): 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

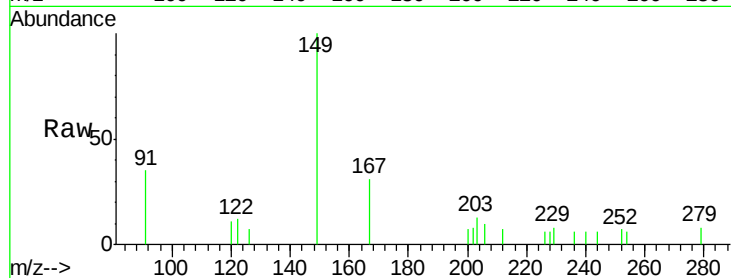
Tgt Ion:149 Resp: 1623

Ion Ratio Lower Upper

149 100

167 25.3 22.2 33.4

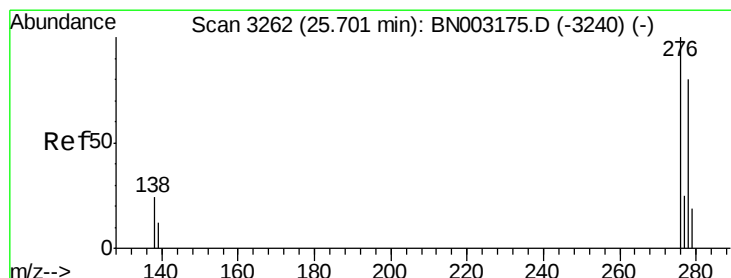
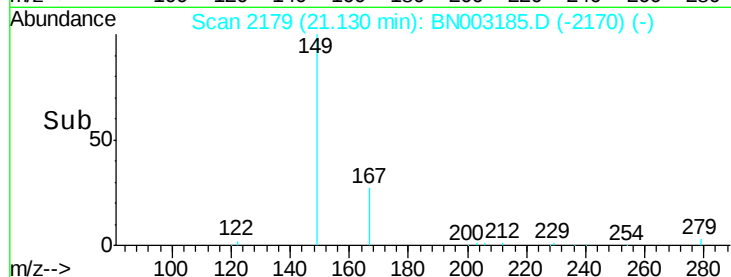
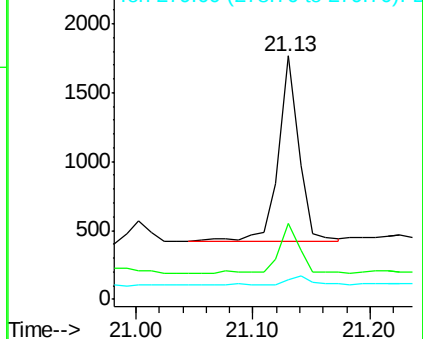
279 4.6 3.7 5.5



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.005 ng

RT: 25.72 min Scan# 3269

Delta R.T. 0.02 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

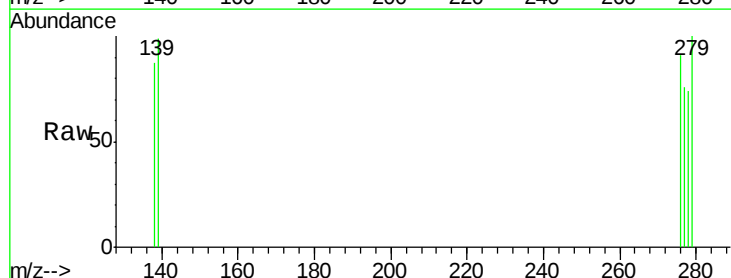
Tgt Ion:276 Resp: 171

Ion Ratio Lower Upper

276 100

138 12.9 18.2 27.4#

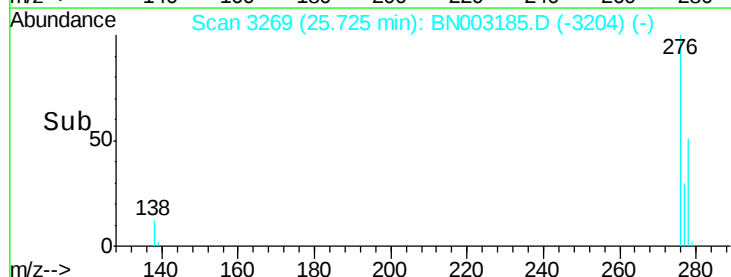
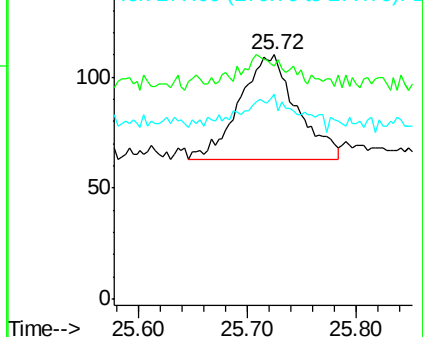
277 4.1 20.2 30.4#

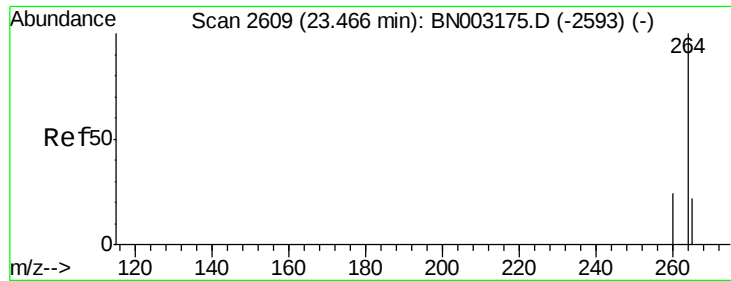


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

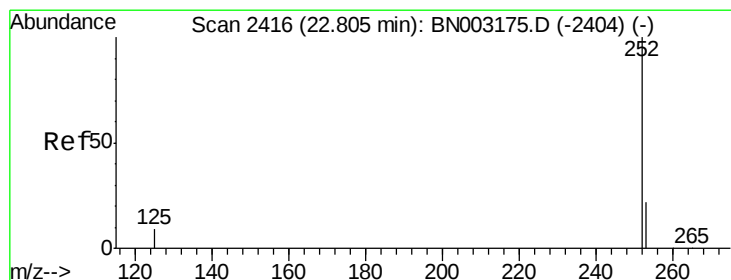
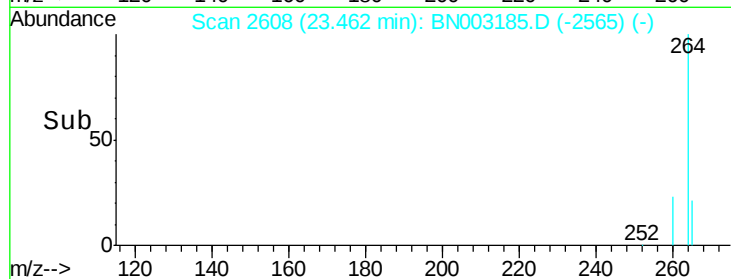
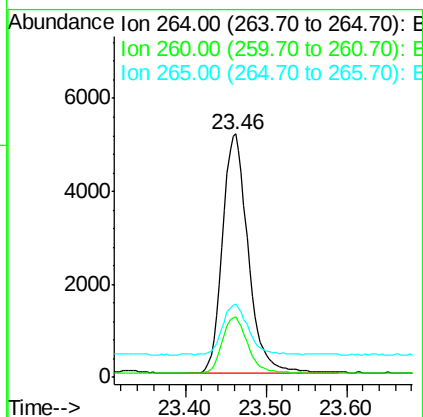
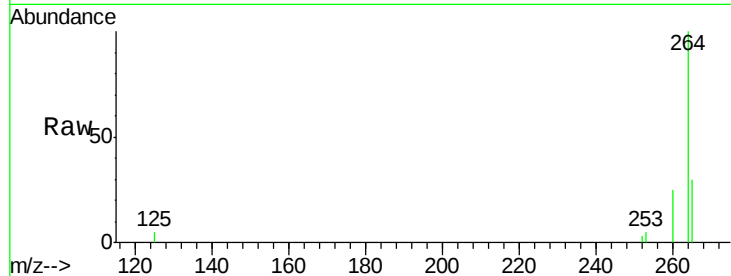




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BN003185.D
 Acq: 17 Oct 2018 18:18

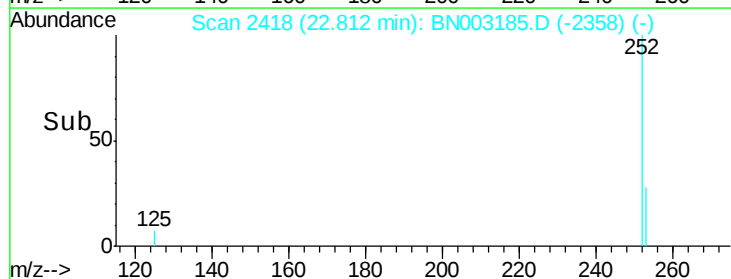
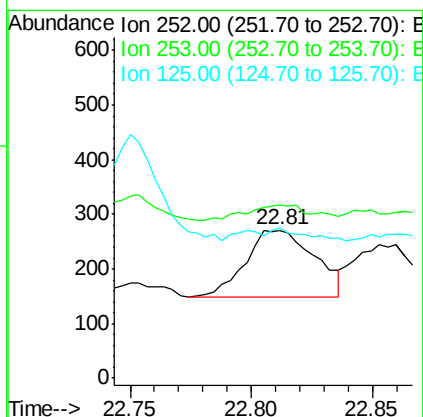
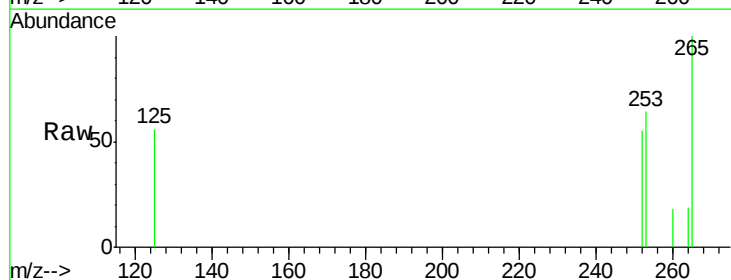
Instrument :
 BNA_N
 ClientSampleId :
 TW-1

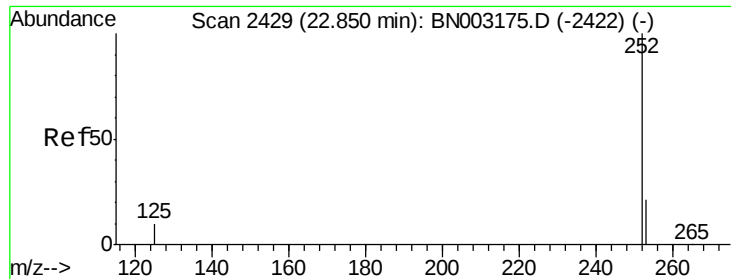
Tgt Ion: 264 Resp: 11421
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 30.1 27.6 41.4



#35
 Benzo(b)fluoranthene
 Concen: 0.008 ng
 RT: 22.81 min Scan# 2418
 Delta R.T. 0.01 min
 Lab File: BN003185.D
 Acq: 17 Oct 2018 18:18

Tgt Ion: 252 Resp: 244
 Ion Ratio Lower Upper
 252 100
 253 117.0 20.8 31.2#
 125 101.8 9.6 14.4#

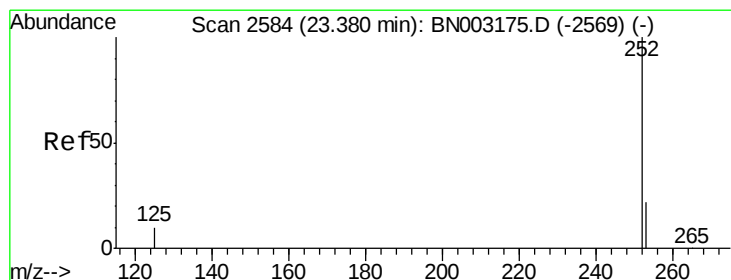
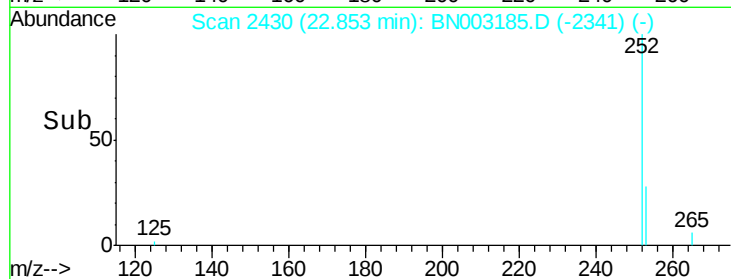
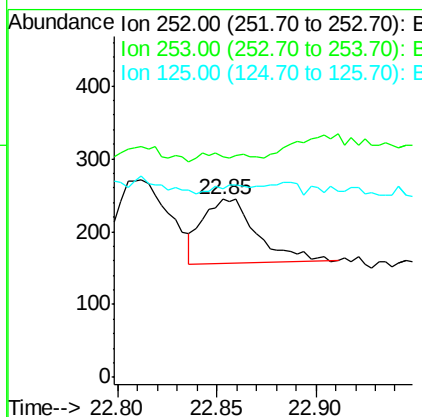
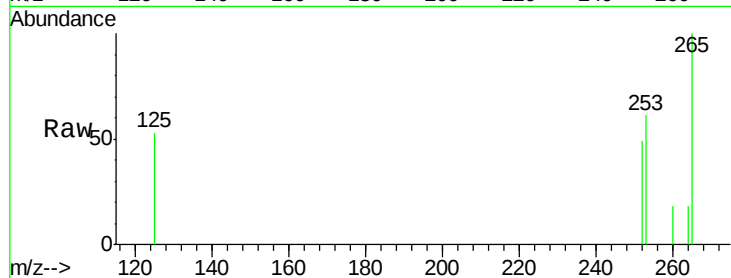




#36
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 22.85 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BN003185.D
Acq: 17 Oct 2018 18:18

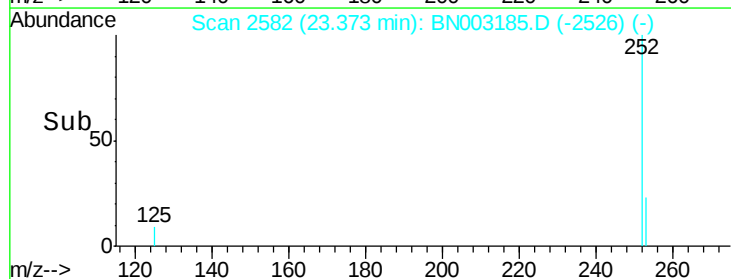
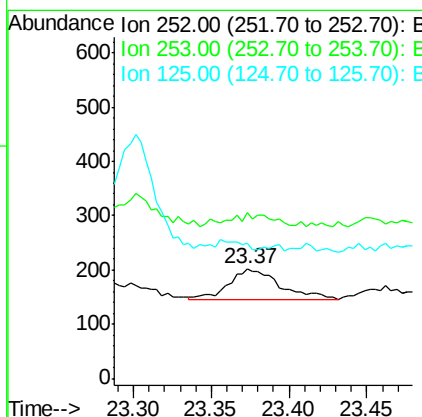
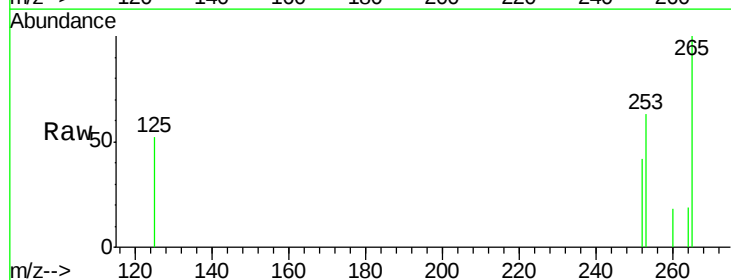
Instrument :
BNA_N
ClientSampleId :
TW-1

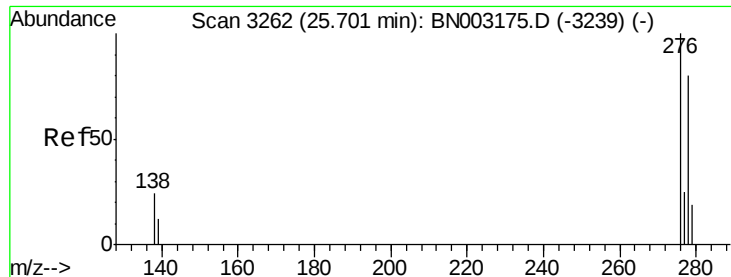
Tgt Ion: 252 Resp: 164
Ion Ratio Lower Upper
252 100
253 123.8 20.5 30.7#
125 106.1 9.4 14.0#



#37
Benzo(a)pyrene
Concen: 0.004 ng
RT: 23.37 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BN003185.D
Acq: 17 Oct 2018 18:18

Tgt Ion: 252 Resp: 132
Ion Ratio Lower Upper
252 100
253 150.2 22.4 33.6#
125 122.7 11.4 17.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 25.71 min Scan# 3265

Delta R.T. 0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Instrument :

BNA_N

ClientSampleId :

TW-1

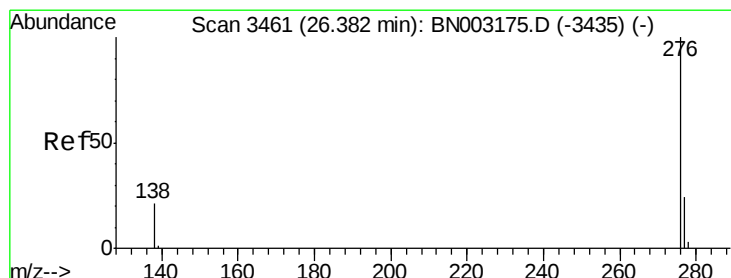
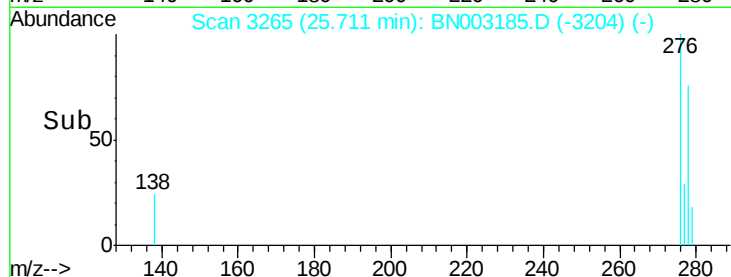
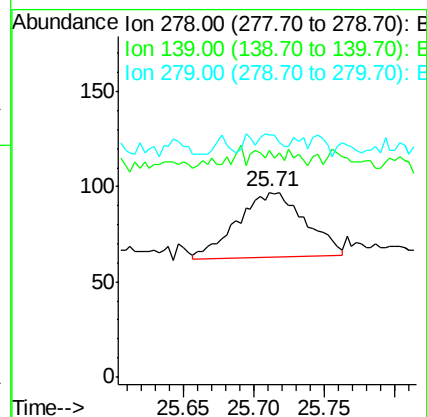
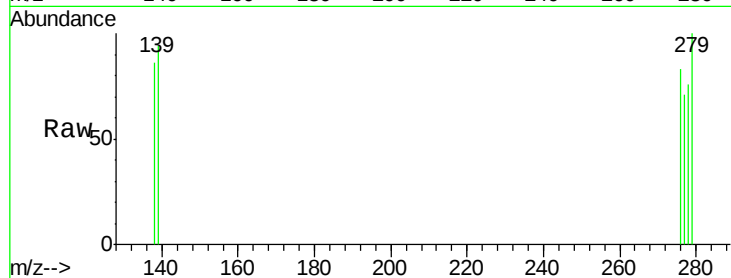
Tgt Ion: 278 Resp: 115

Ion Ratio Lower Upper

278 100

139 122.7 14.6 21.8#

279 130.9 23.1 34.7#



#39

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 26.40 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BN003185.D

Acq: 17 Oct 2018 18:18

Tgt Ion: 276 Resp: 154

Ion Ratio Lower Upper

276 100

277 82.5 21.0 31.4#

138 100.0 18.1 27.1#

