

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
 Data File : BN000211.D
 Acq On : 01 Mar 2018 11:07
 Operator : JU/SJ
 Sample : MDL-W-07
 Misc : 0.07 ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-07

Quant Time: Mar 01 16:57:15 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	5387	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	21014	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10635	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	25616	0.40	ng	0.00
27) Chrysene-d12	21.90	240	19231	0.40	ng	0.00
34) Perylene-d12	24.37	264	15780	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	3976	0.35	ng	0.00
5) Phenol-d6	7.58	99	4871	0.34	ng	0.00
8) Nitrobenzene-d5	9.63	82	3830	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	11759	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1044	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	16737	0.33	ng	0.00
25) Fluoranthene-d10	19.77	212	23020	0.34	ng	0.00
29) Terphenyl-d14	20.34	244	12459	0.37	ng	0.00

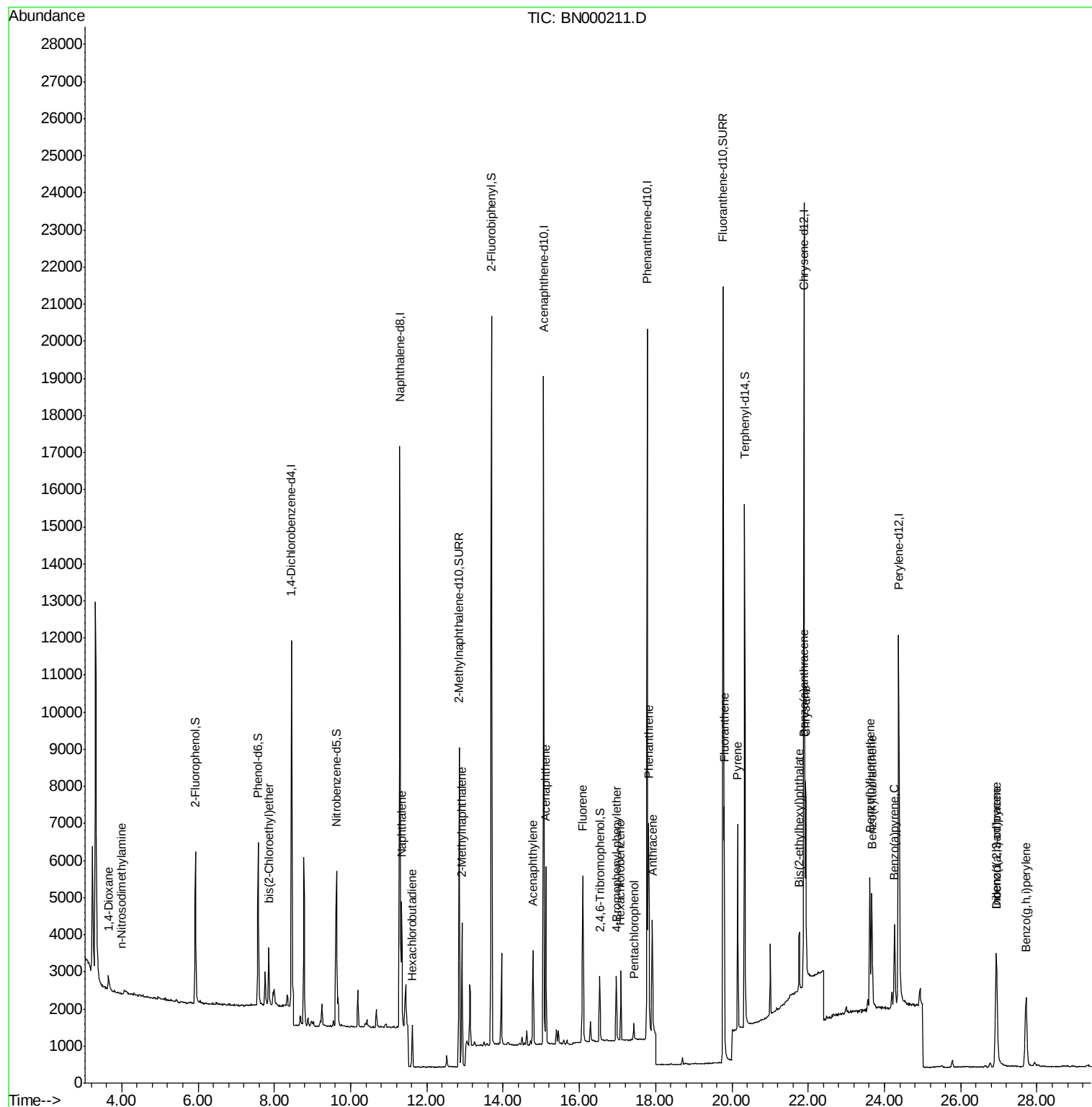
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	426	0.076	ng	91
3) n-Nitrosodimethylamine	4.00	42	3	0.101	ng	# 1
6) bis(2-Chloroethyl)ether	7.85	93	1328	0.072	ng	96
9) Naphthalene	11.34	128	4363	0.071	ng	# 92
10) Hexachlorobutadiene	11.62	225	717	0.069	ng	98
12) 2-Methylnaphthalene	12.92	142	2727	0.068	ng	98
16) Acenaphthylene	14.78	152	2939	0.059	ng	100
17) Acenaphthene	15.12	154	2566	0.065	ng	95
18) Fluorene	16.09	166	3178	0.064	ng	# 78
20) 4-Bromophenyl-phenylether	16.97	248	877	0.059	ng	# 81
21) Hexachlorobenzene	17.09	284	1262	0.064	ng	95
22) Pentachlorophenol	17.43	266	246	0.135	ng	# 86
23) Phenanthrene	17.82	178	5842	0.065	ng	99
24) Anthracene	17.91	178	3777	0.055	ng	95
26) Fluoranthene	19.80	202	5734	0.061	ng	# 95
28) Pyrene	20.15	202	5653	0.075	ng	99
30) Benzo(a)anthracene	21.88	228	3888	0.064	ng	99
31) Chrysene	21.93	228	4948	0.070	ng	97
32) Bis(2-ethylhexyl)phthalate	21.77	149	1813	0.080	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.93	276	4119	0.062	ng	# 89
35) Benzo(b)fluoranthene	23.62	252	4867	0.068	ng	# 86
36) Benzo(k)fluoranthene	23.67	252	4481	0.064	ng	# 63
37) Benzo(a)pyrene	24.26	252	3668	0.063	ng	# 58
38) Dibenzo(a,h)anthracene	26.94	278	3153	0.060	ng	# 75
39) Benzo(g,h,i)perylene	27.71	276	4105	0.067	ng	# 80

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

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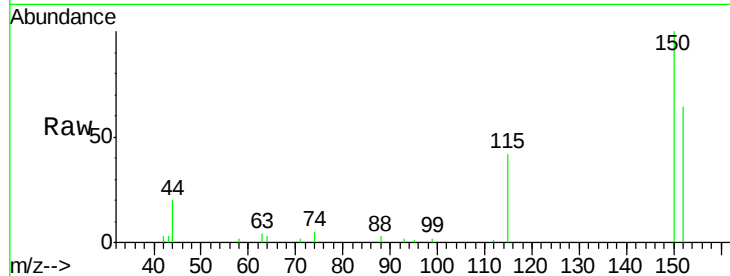


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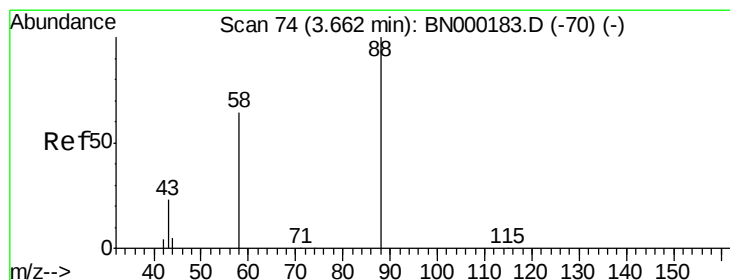
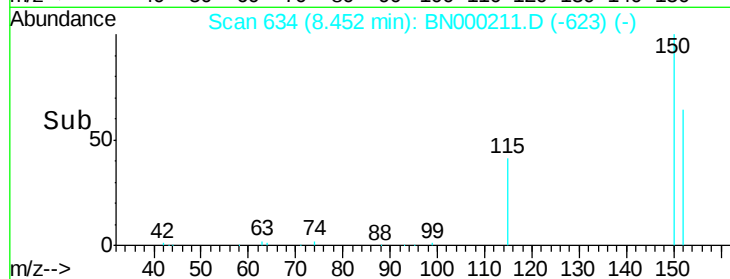
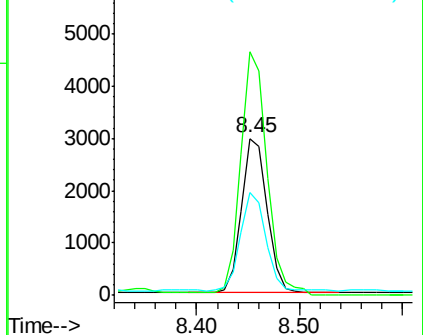
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.45 min Scan# 634
Delta R.T. -0.01 min
Lab File: BN000211.D
Acq: 01 Mar 2018 11:07

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion: 152 Resp: 5387
Ion Ratio Lower Upper
152 100
150 155.5 117.2 175.8
115 65.7 57.0 85.6



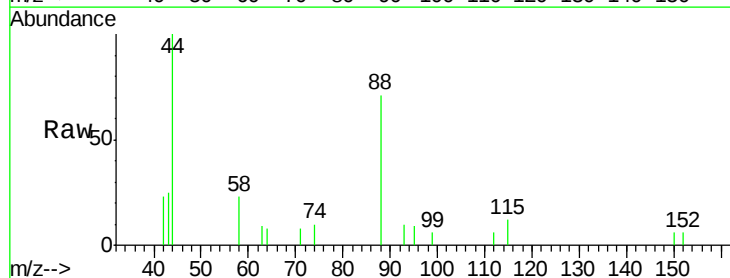
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



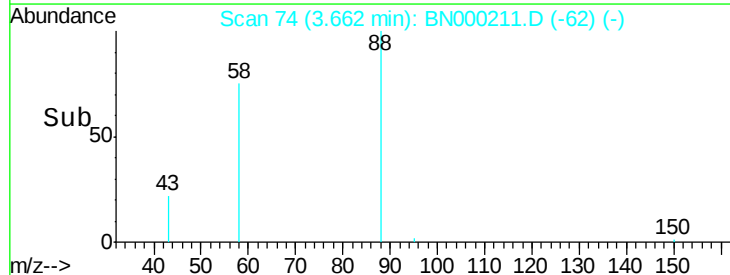
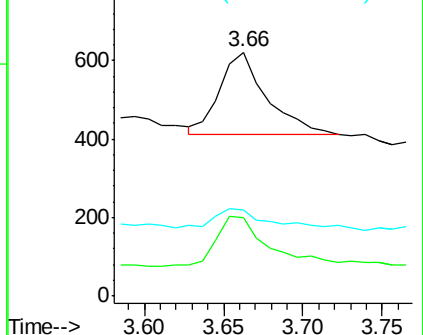
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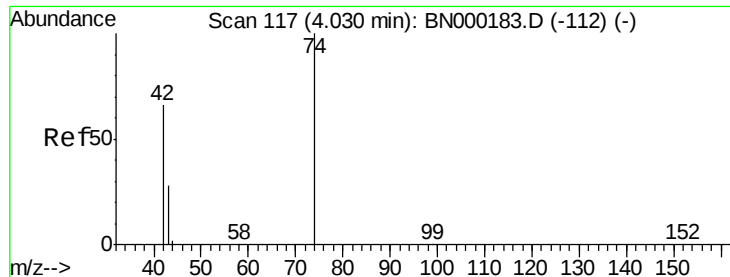
1,4-Dioxane
Concen: 0.076 ng
RT: 3.66 min Scan# 74
Delta R.T. 0.00 min
Lab File: BN000211.D
Acq: 01 Mar 2018 11:07

Tgt Ion: 88 Resp: 426
Ion Ratio Lower Upper
88 100
58 67.8 48.0 72.0
43 22.8 20.0 30.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



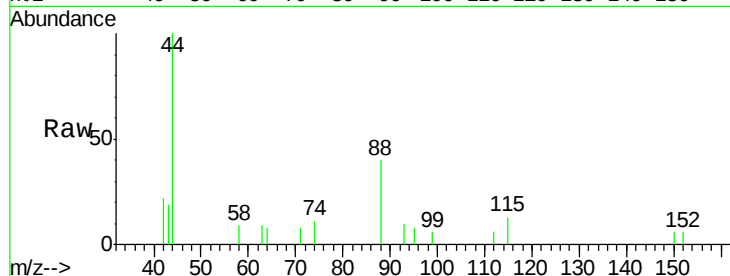


#3

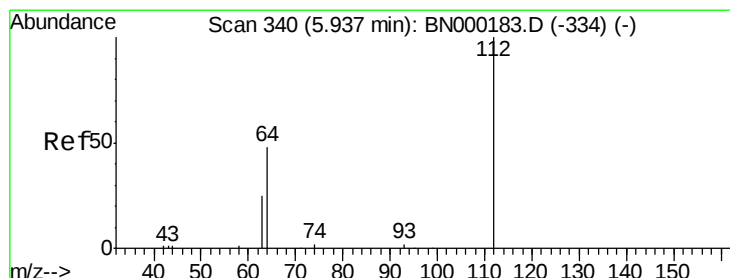
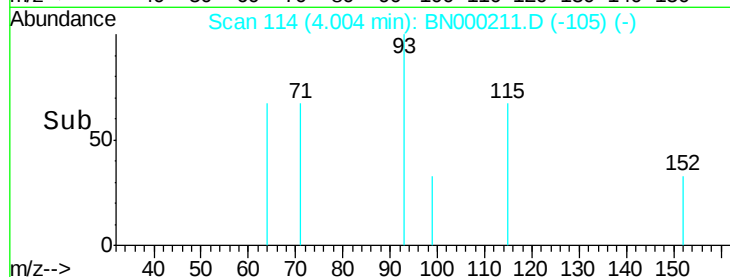
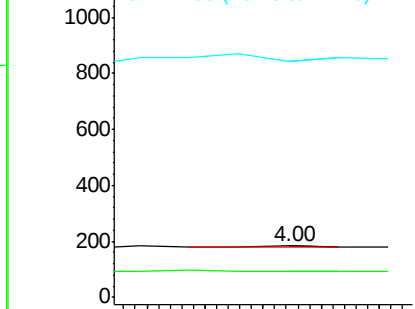
n-Nitrosodimethylamine
 Concen: 0.101 ng
 RT: 4.00 min Scan# 114
 Delta R.T. -0.02 min
 Lab File: BN000211.D
 Acq: 01 Mar 2018 11:07

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-07

Tgt Ion: 42 Resp: 3
 Ion Ratio Lower Upper
 42 100
 74 200.0 120.0 180.0#
 44 2666.7 4.0 6.0#



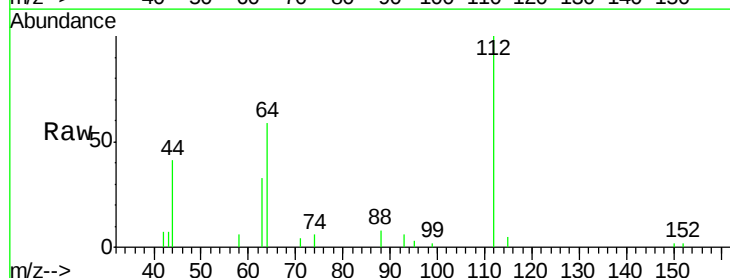
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



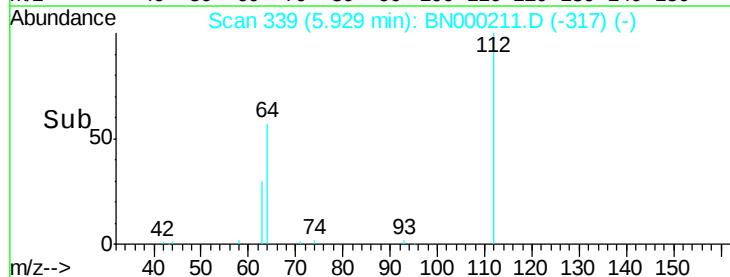
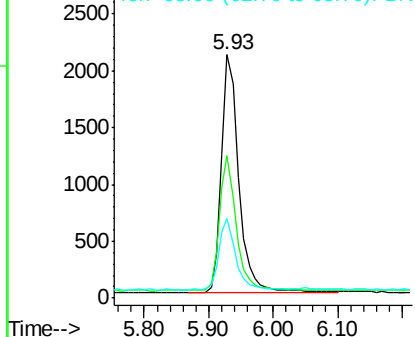
#4

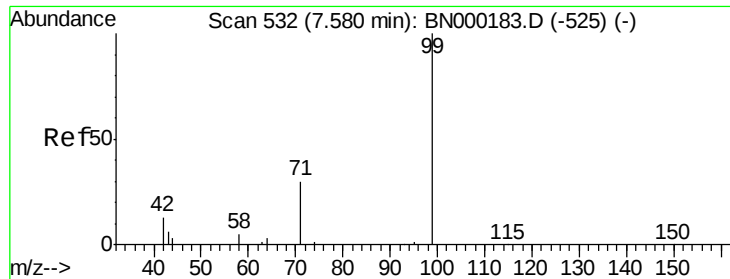
2-Fluorophenol
 Concen: 0.350 ng
 RT: 5.93 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: BN000211.D
 Acq: 01 Mar 2018 11:07

Tgt Ion: 112 Resp: 3976
 Ion Ratio Lower Upper
 112 100
 64 55.0 60.1 90.1#
 63 29.0 116.8 175.2#



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: 0.337 ng

RT: 7.58 min Scan# 532

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07

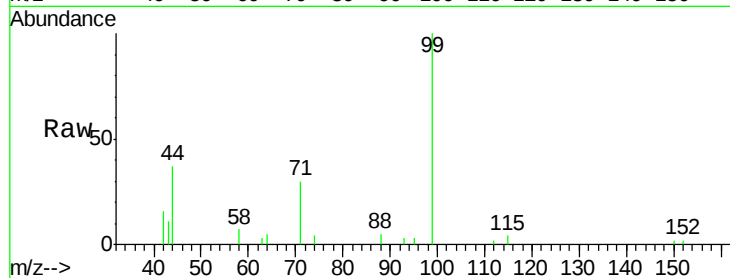
Tgt Ion: 99 Resp: 4871

Ion Ratio Lower Upper

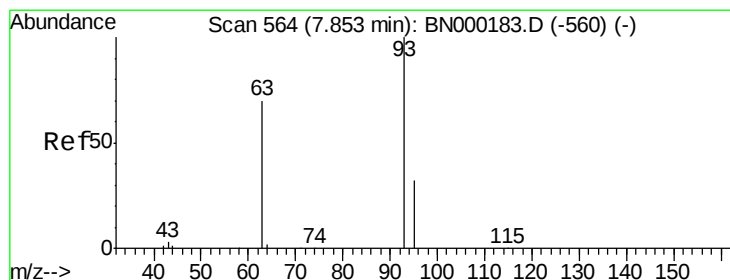
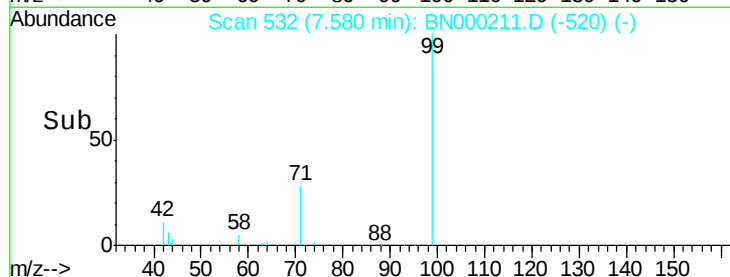
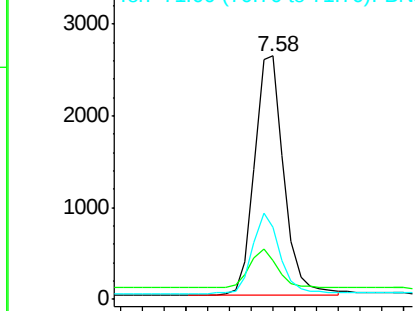
99 100

42 15.6 20.2 30.2#

71 31.7 28.4 42.6



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

bis(2-Chloroethyl)ether

Concen: 0.072 ng

RT: 7.85 min Scan# 564

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

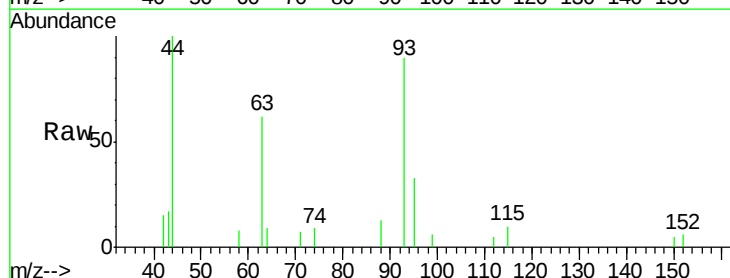
Tgt Ion: 93 Resp: 1328

Ion Ratio Lower Upper

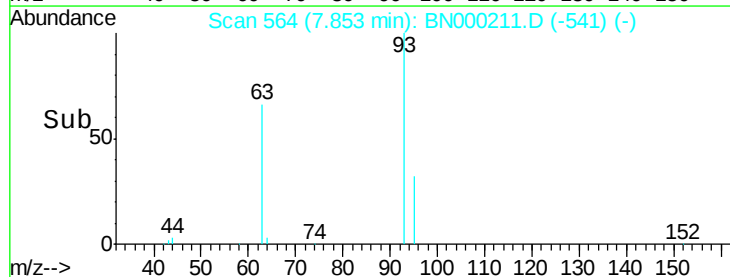
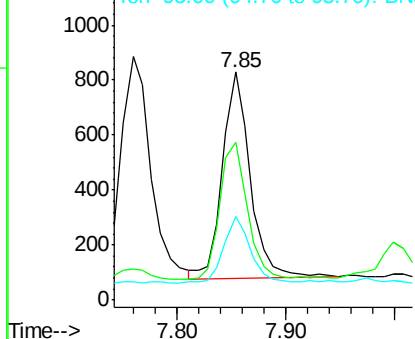
93 100

63 65.3 56.0 84.0

95 31.1 25.2 37.8



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

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07

Tgt Ion:136 Resp: 21014

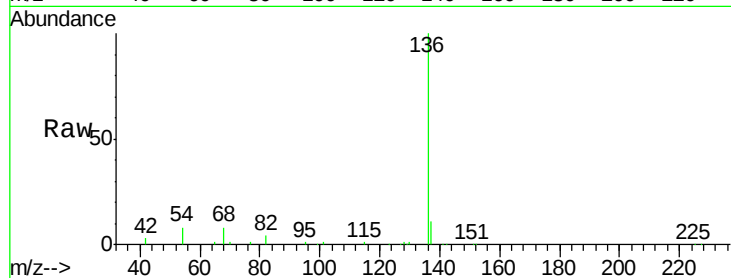
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 8.1 29.1 43.7#

68 7.7 6.2 9.2

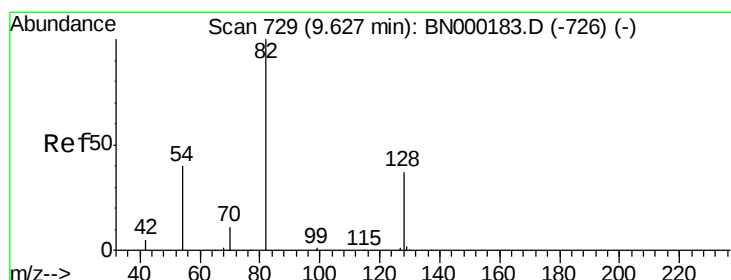
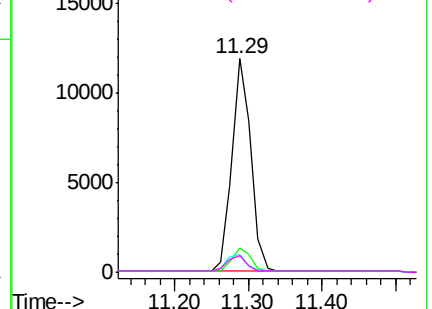
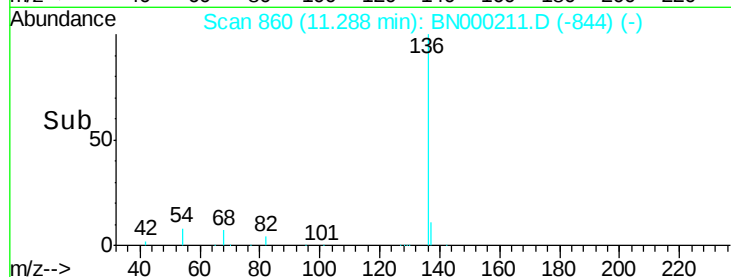


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.307 ng

RT: 9.63 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

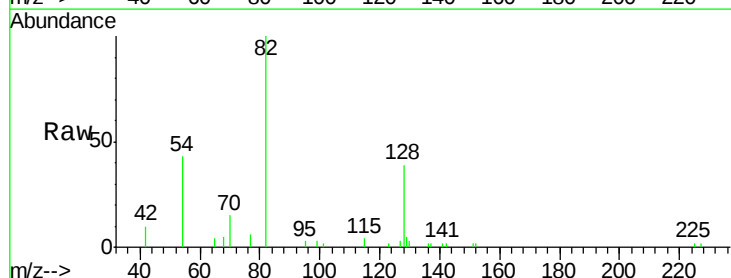
Tgt Ion: 82 Resp: 3830

Ion Ratio Lower Upper

82 100

128 39.0 150.0 225.0#

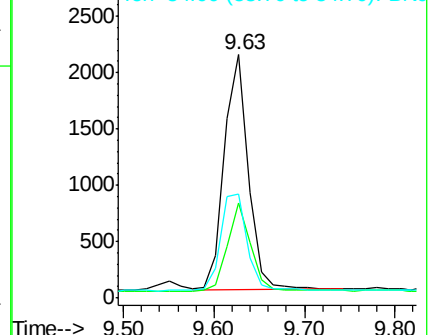
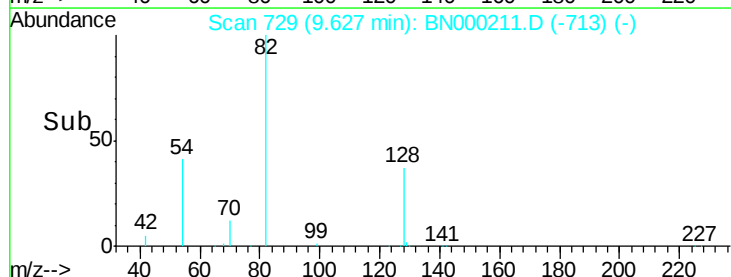
54 42.8 154.2 231.4#

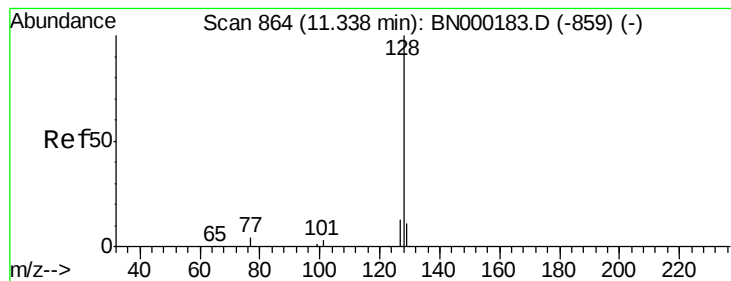


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.071 ng

RT: 11.34 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

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ClientSampleId :

MDL-W-07

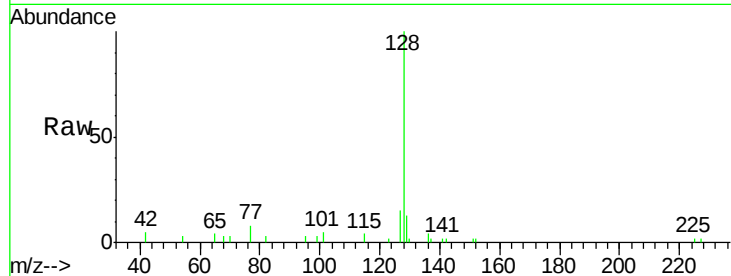
Tgt Ion:128 Resp: 4363

Ion Ratio Lower Upper

128 100

129 13.3 8.0 12.0#

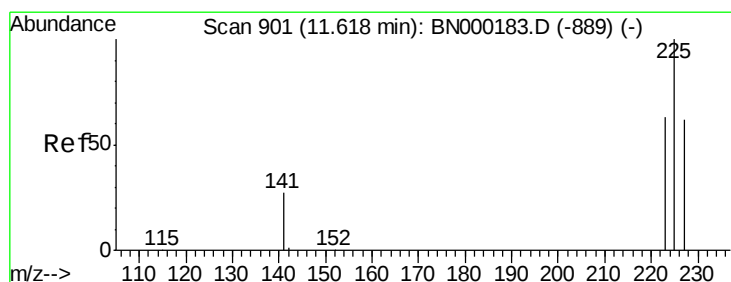
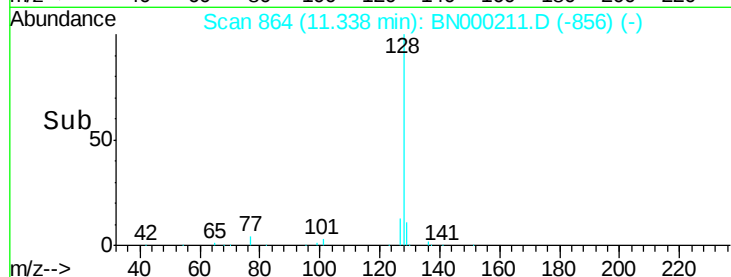
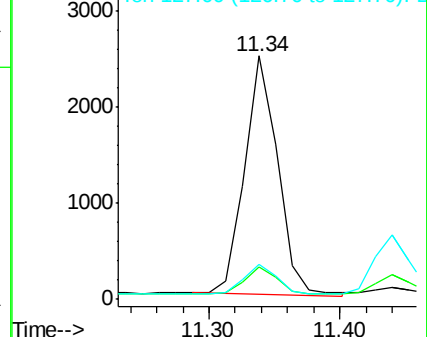
127 14.6 9.6 14.4#



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



#10

Hexachlorobutadiene

Concen: 0.069 ng

RT: 11.62 min Scan# 901

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

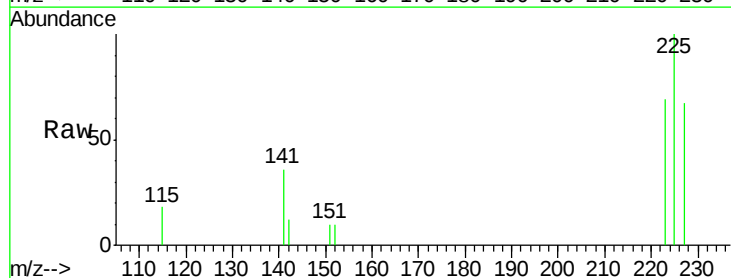
Tgt Ion:225 Resp: 717

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

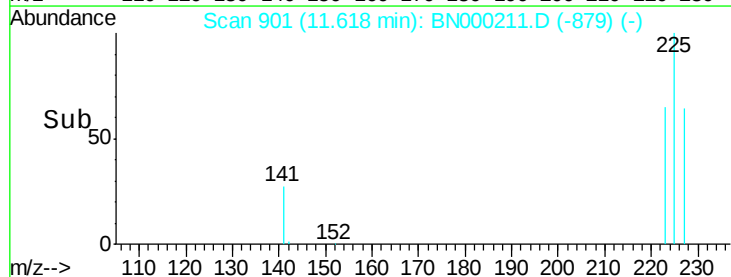
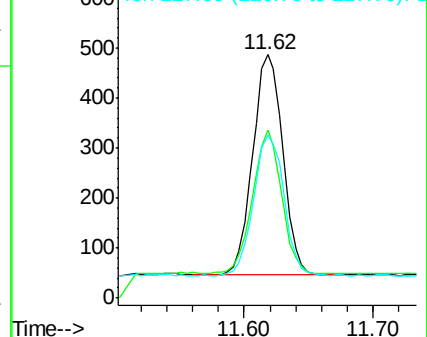
227 64.2 51.4 77.2

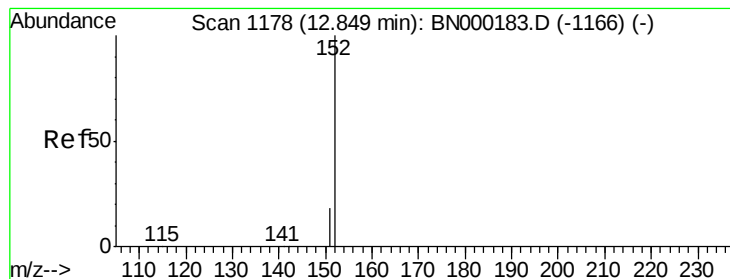


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.372 ng

RT: 12.85 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

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ClientSampleId :

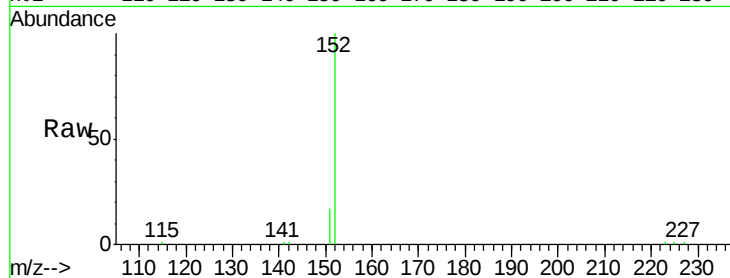
MDL-W-07

Tgt Ion:152 Resp: 11759

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

8000

6000

4000

2000

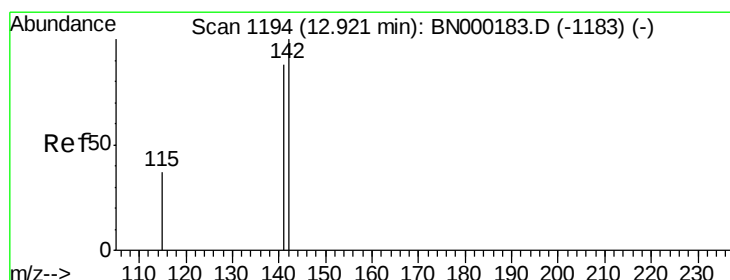
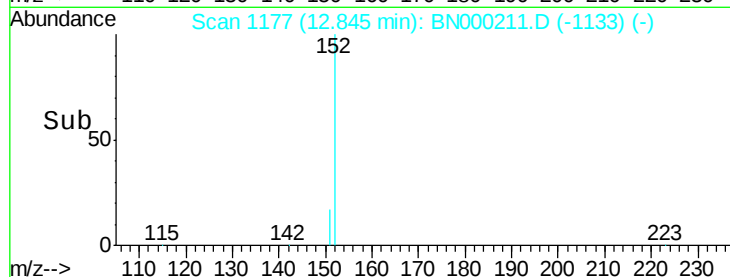
0

12.85

12.90

13.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.068 ng

RT: 12.92 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

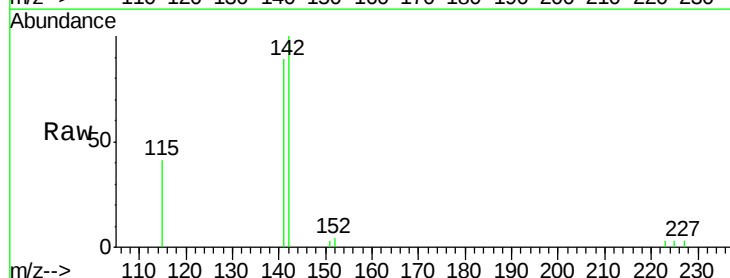
Tgt Ion:142 Resp: 2727

Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6

115 41.3 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

2000

1500

1000

500

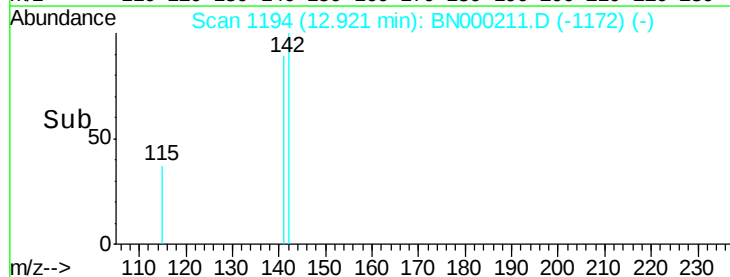
0

12.92

12.95

13.00

Time-->

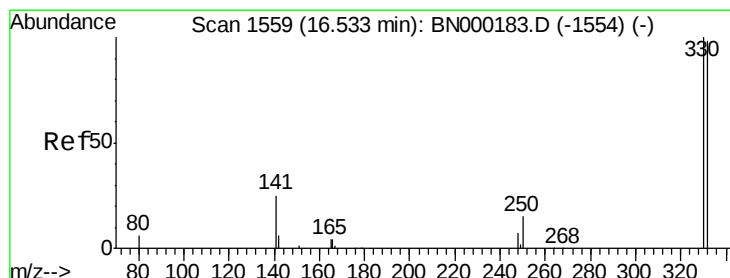
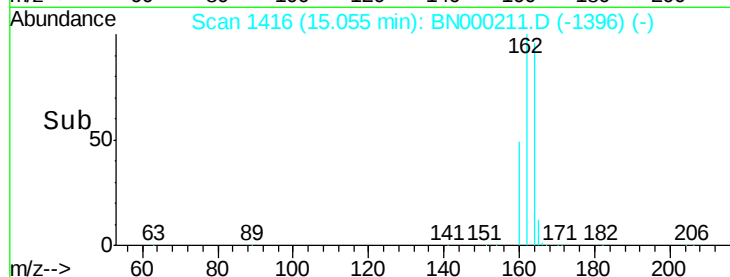
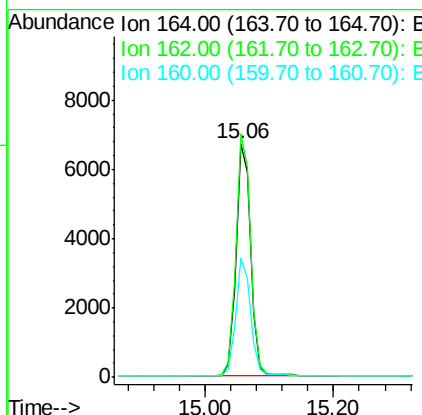
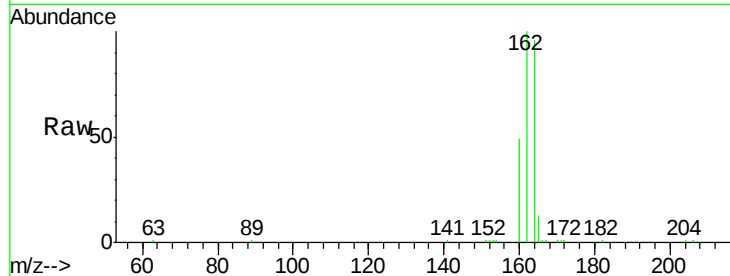




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BN000211.D
 Acq: 01 Mar 2018 11:07

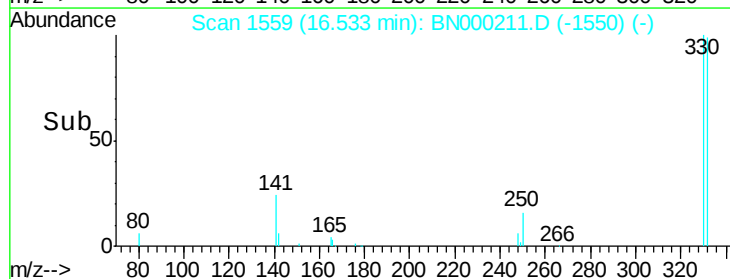
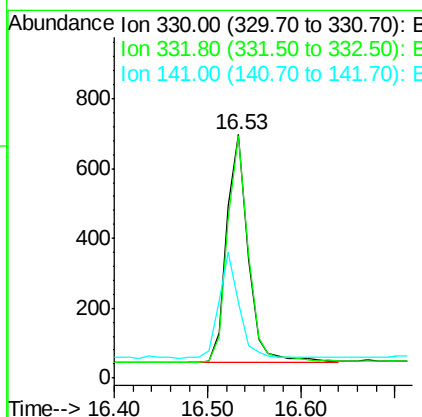
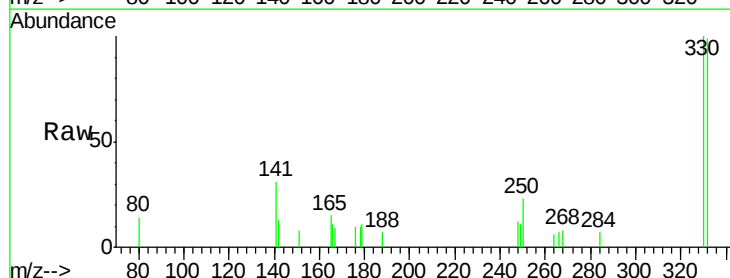
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-07

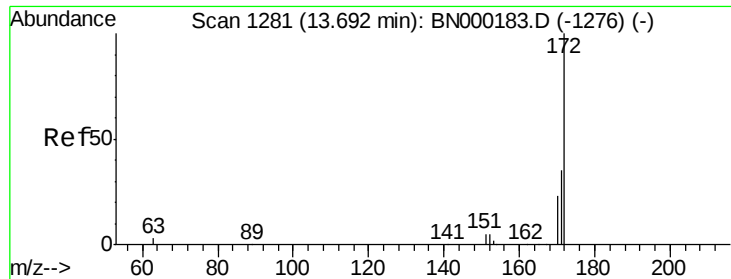
Tgt Ion:164 Resp: 10635
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.1 124.7
 160 50.9 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.309 ng
 RT: 16.53 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BN000211.D
 Acq: 01 Mar 2018 11:07

Tgt Ion:330 Resp: 1044
 Ion Ratio Lower Upper
 330 100
 332 98.4 152.7 229.1#
 141 43.8 33.7 50.5

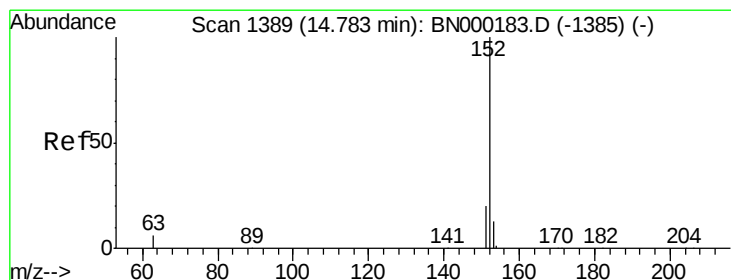
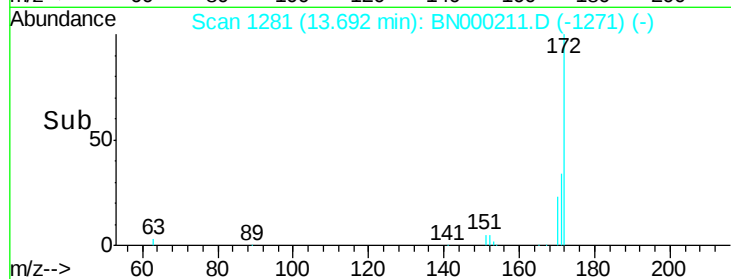
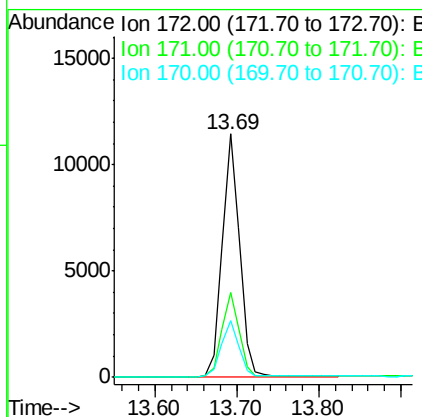
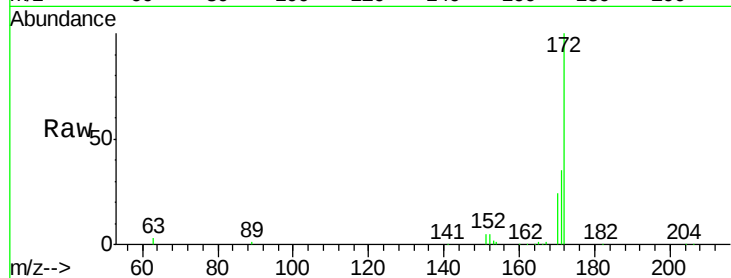




#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.69 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN000211.D
Acq: 01 Mar 2018 11:07

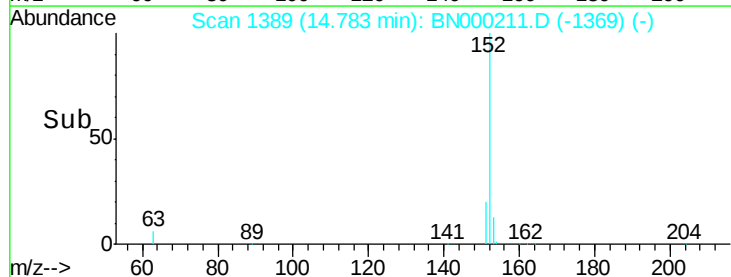
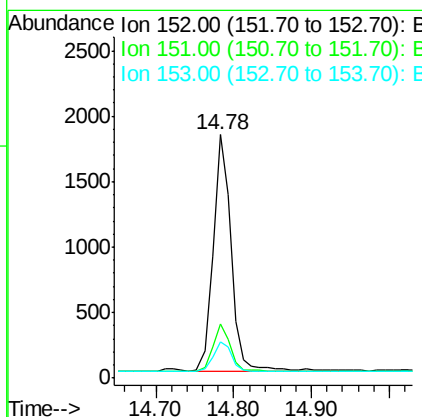
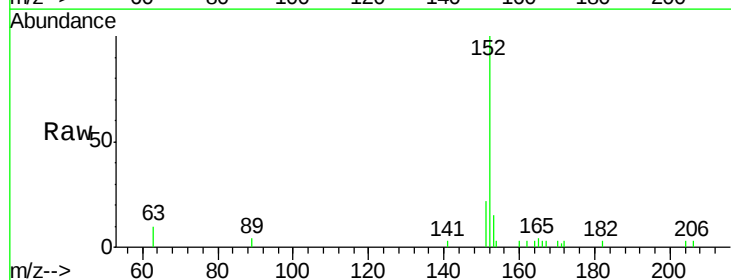
Instrument :
BNA_N
ClientSampleId :
MDL-W-07

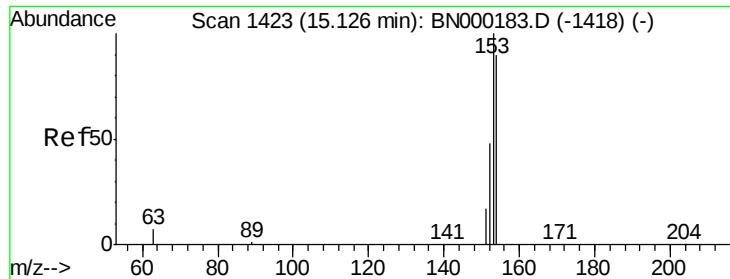
Tgt Ion:172 Resp: 16737
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 23.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.059 ng
RT: 14.78 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BN000211.D
Acq: 01 Mar 2018 11:07

Tgt Ion:152 Resp: 2939
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.5 15.7

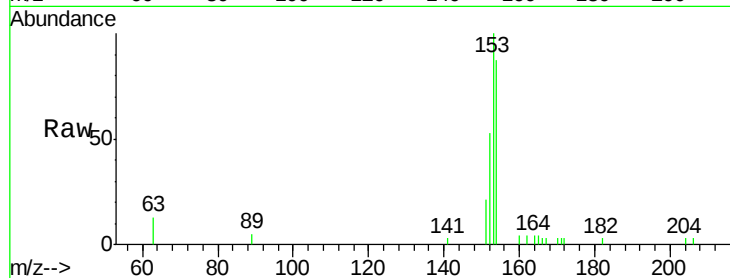




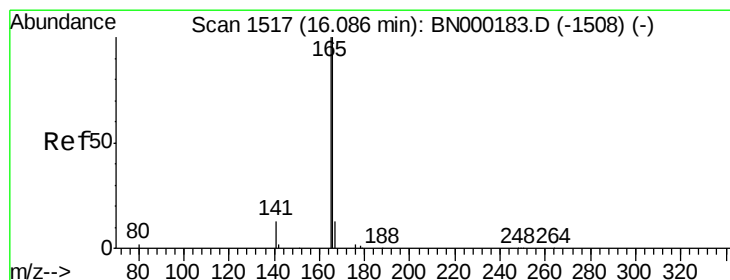
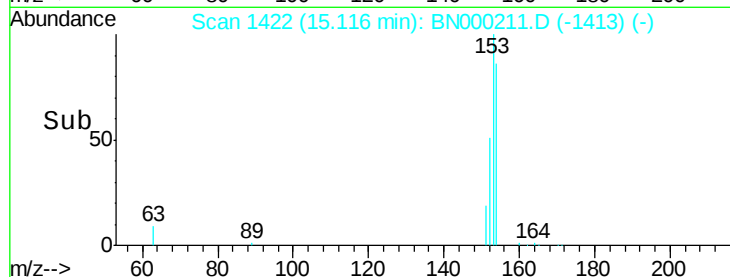
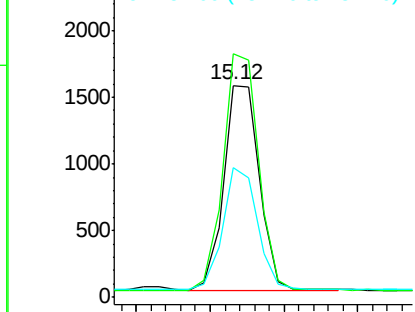
#17
Acenaphthene
Concen: 0.065 ng
RT: 15.12 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000211.D
Acq: 01 Mar 2018 11:07

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:154 Resp: 2566
Ion Ratio Lower Upper
154 100
153 115.2 89.2 133.8
152 58.2 42.0 63.0

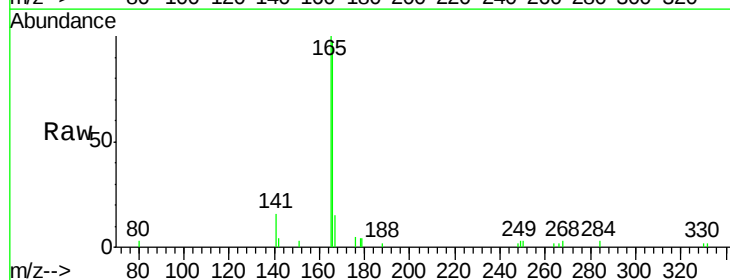


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

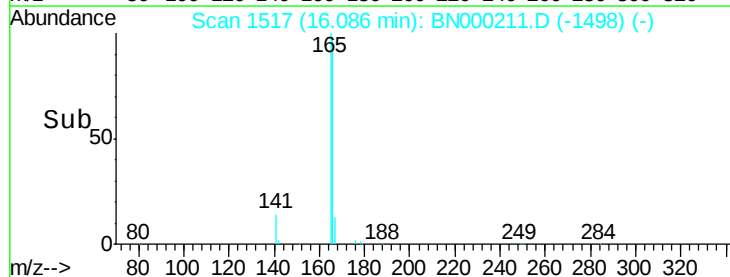
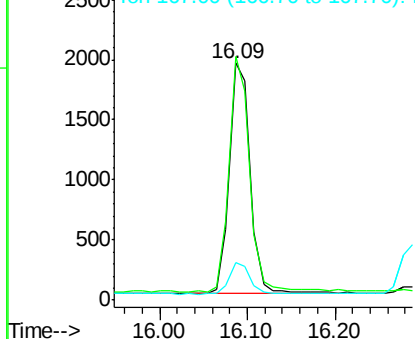


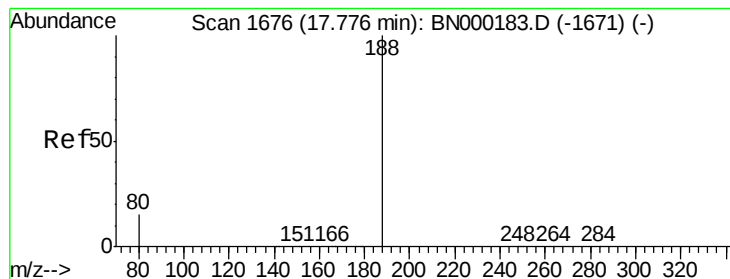
#18
Fluorene
Concen: 0.064 ng
RT: 16.09 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BN000211.D
Acq: 01 Mar 2018 11:07

Tgt Ion:166 Resp: 3178
Ion Ratio Lower Upper
166 100
165 100.4 77.8 116.6
167 13.3 42.4 63.6#



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: 17.78 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07

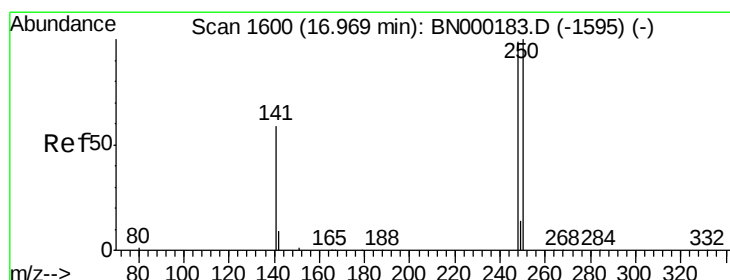
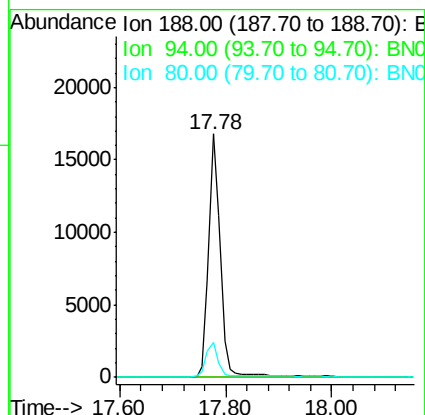
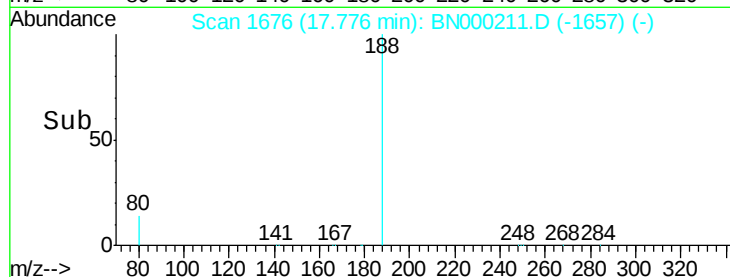
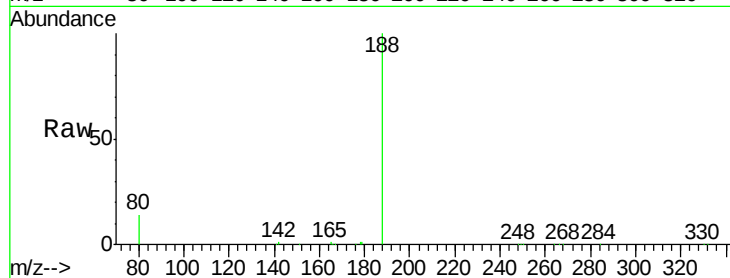
Tgt Ion:188 Resp: 25616

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 14.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.059 ng

RT: 16.97 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

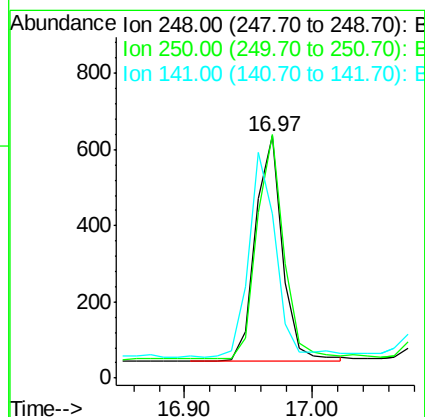
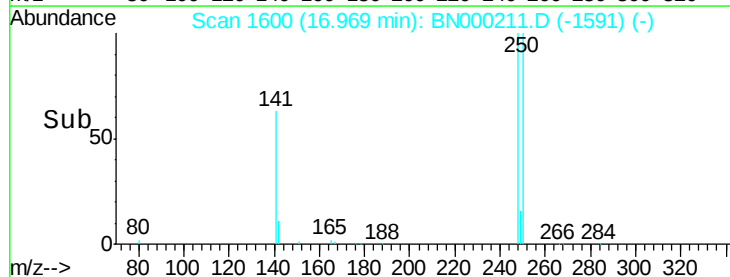
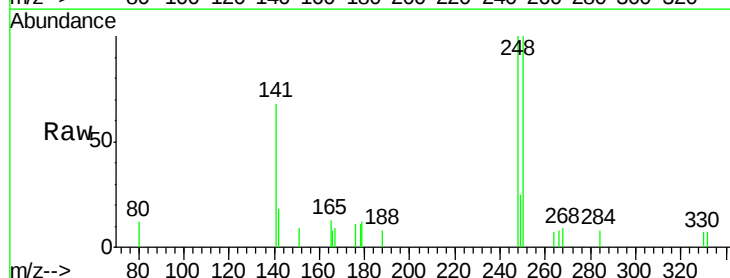
Tgt Ion:248 Resp: 877

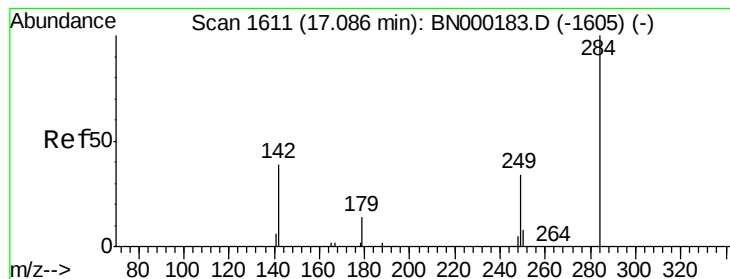
Ion Ratio Lower Upper

248 100

250 100.5 62.7 94.1#

141 68.1 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.064 ng

RT: 17.09 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07

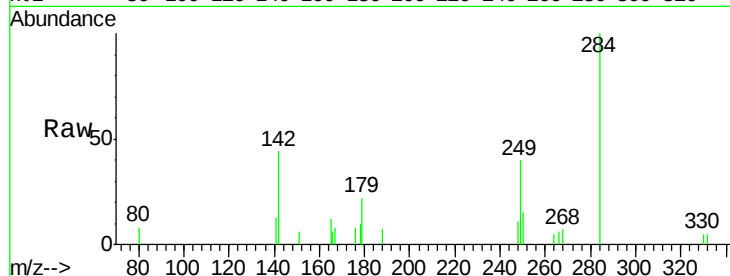
Tgt Ion:284 Resp: 1262

Ion Ratio Lower Upper

284 100

142 43.0 32.0 48.0

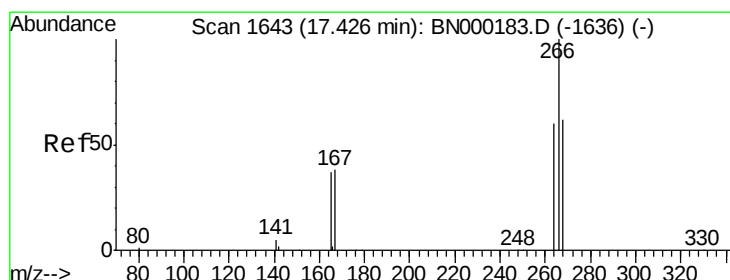
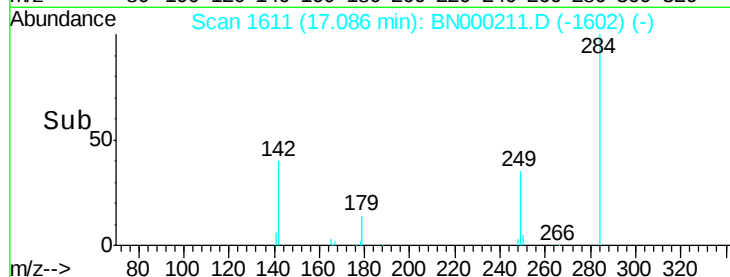
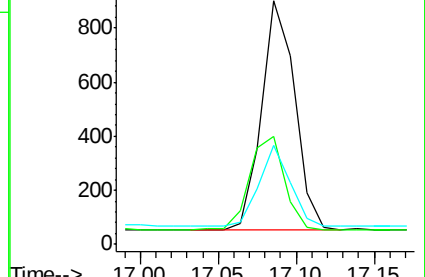
249 32.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.135 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

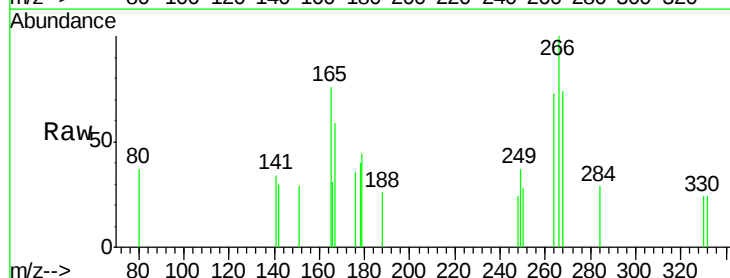
Tgt Ion:266 Resp: 246

Ion Ratio Lower Upper

266 100

264 72.9 48.0 72.0#

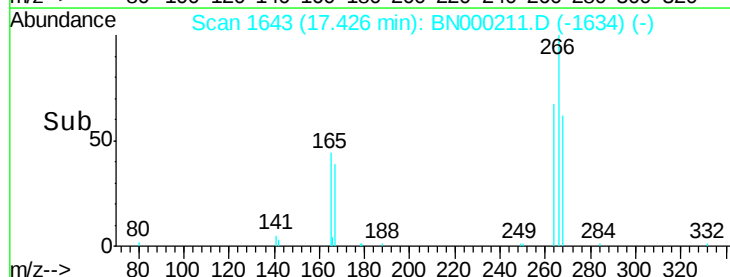
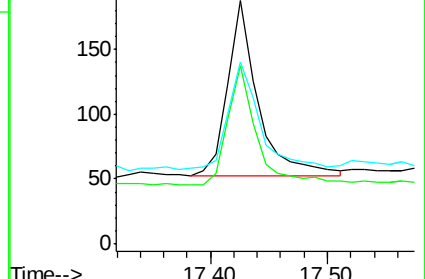
268 74.5 52.0 78.0



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: 0.065 ng

RT: 17.82 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07

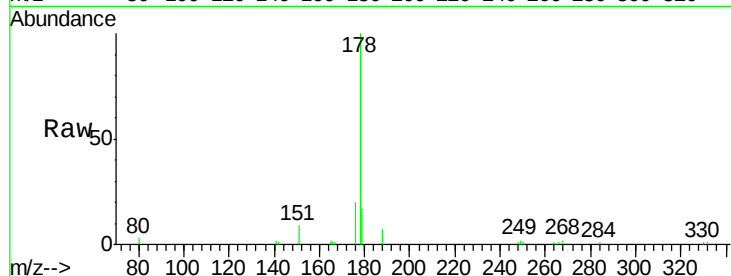
Tgt Ion:178 Resp: 5842

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

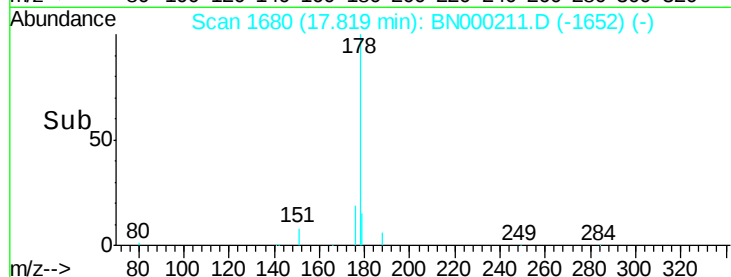
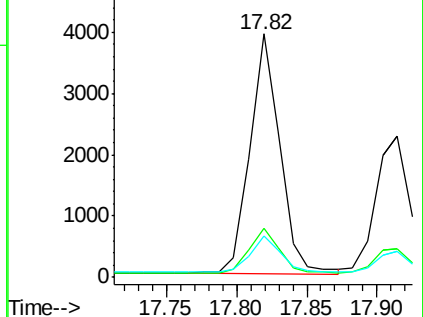
179 15.3 11.8 17.6



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



#24

Anthracene

Concen: 0.055 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

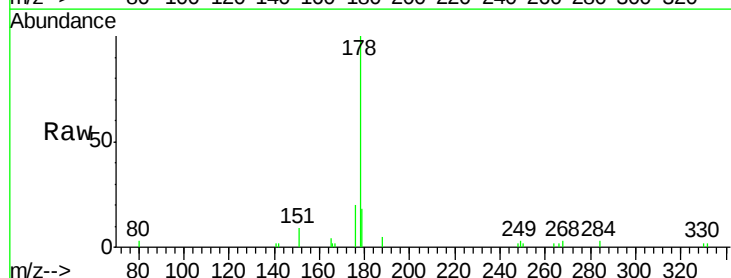
Tgt Ion:178 Resp: 3777

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

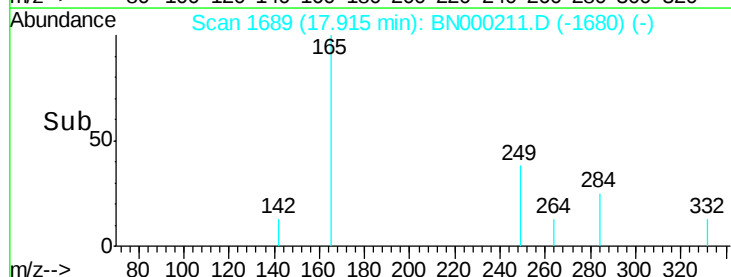
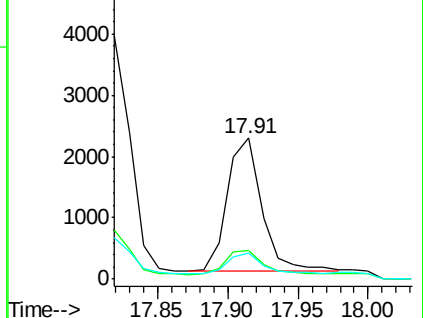
179 14.7 13.0 19.6

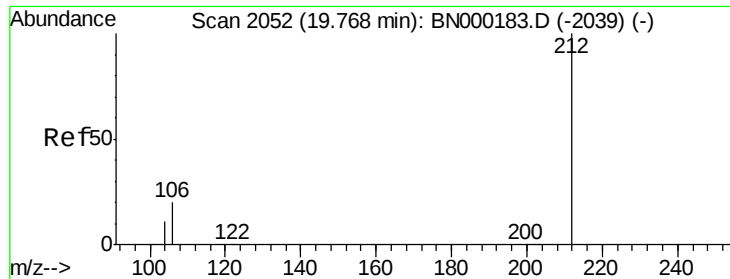


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.77 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07

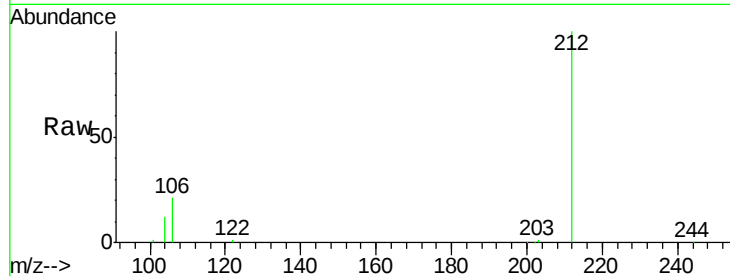
Tgt Ion:212 Resp: 23020

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

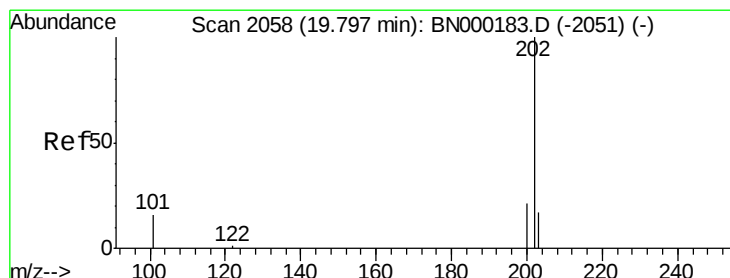
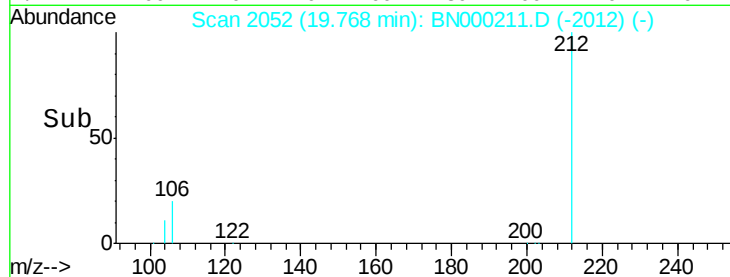
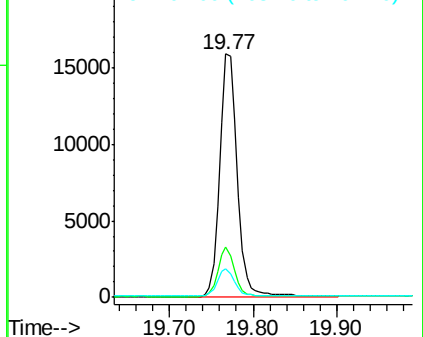
104 11.0 1.6 2.4#



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: 0.061 ng

RT: 19.80 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

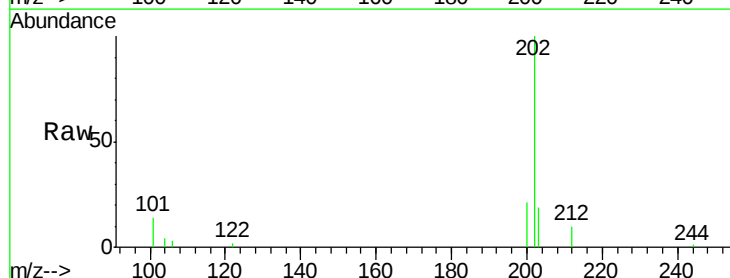
Tgt Ion:202 Resp: 5734

Ion Ratio Lower Upper

202 100

101 16.1 9.8 14.8#

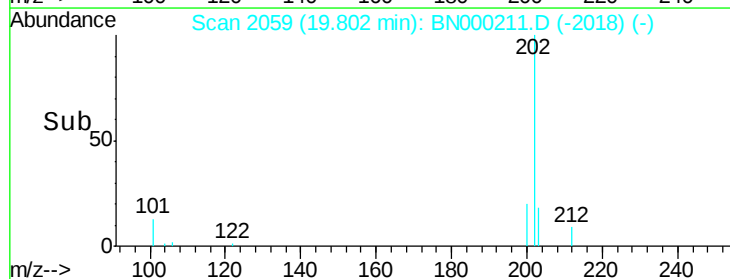
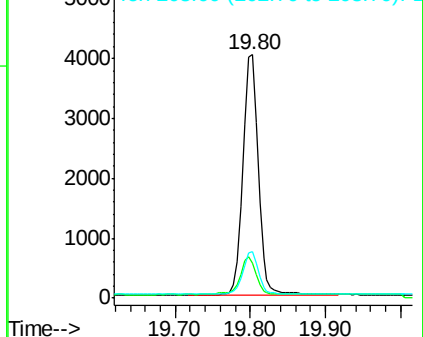
203 17.8 13.7 20.5

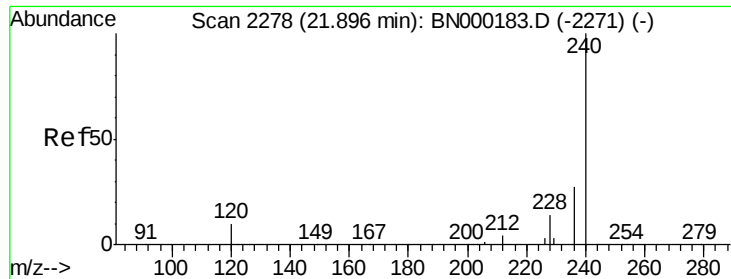


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

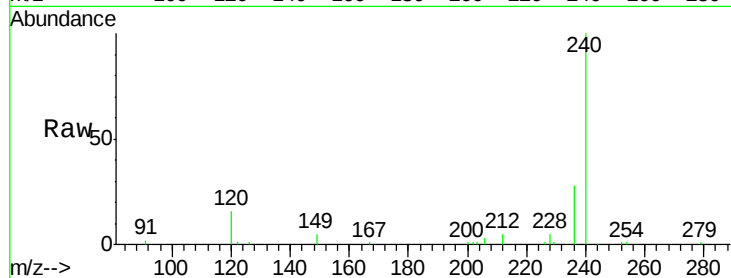




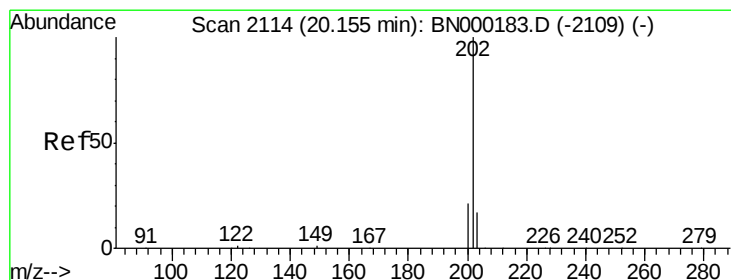
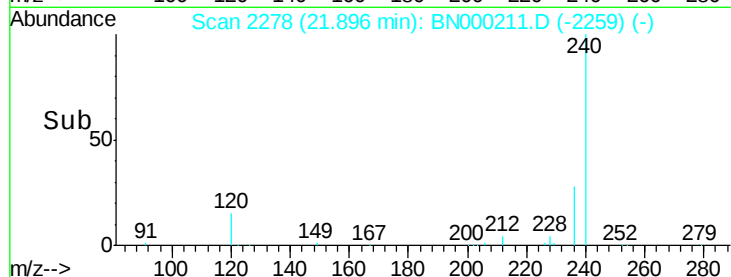
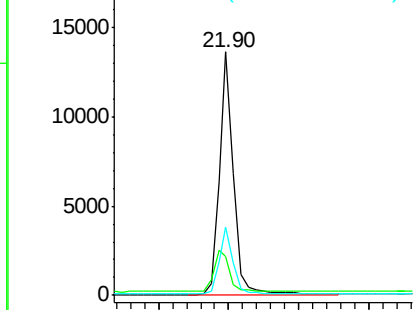
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.90 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BN000211.D
 Acq: 01 Mar 2018 11:07

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-07

Tgt Ion:240 Resp: 19231
 Ion Ratio Lower Upper
 240 100
 120 16.1 5.5 8.3#
 236 28.0 20.7 31.1

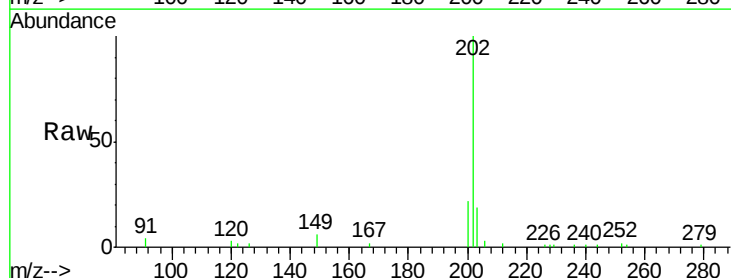


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

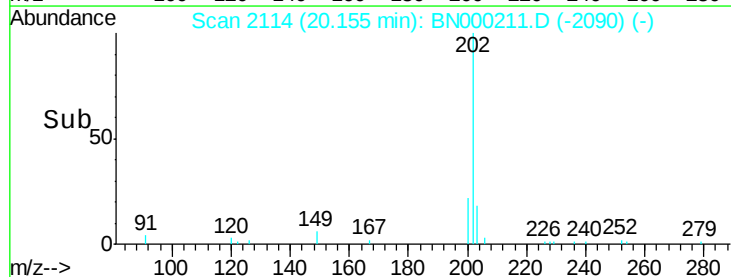
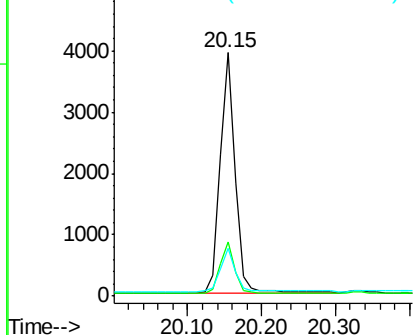


#28
 Pyrene
 Concen: 0.075 ng
 RT: 20.15 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: BN000211.D
 Acq: 01 Mar 2018 11:07

Tgt Ion:202 Resp: 5653
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 25.0
 203 18.2 13.8 20.8



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: 0.369 ng

RT: 20.34 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07

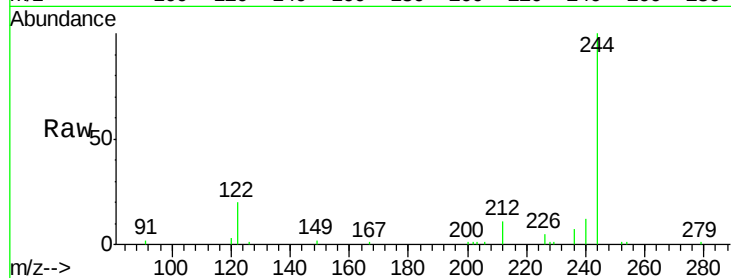
Tgt Ion:244 Resp: 12459

Ion Ratio Lower Upper

244 100

212 10.7 25.4 38.0#

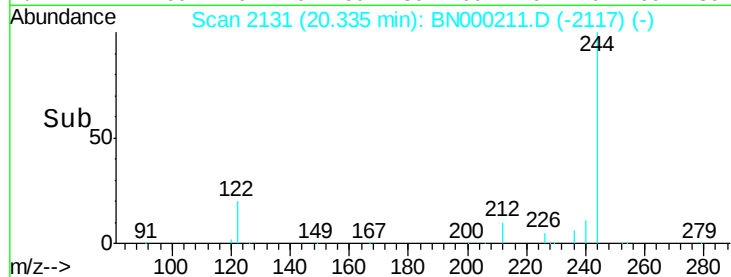
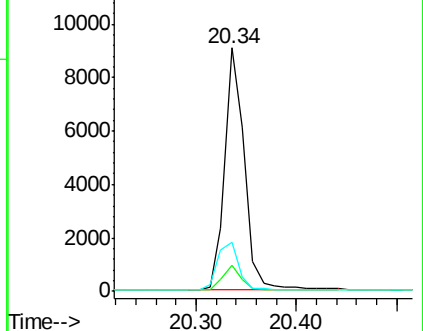
122 20.3 8.1 12.1#



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: 0.064 ng

RT: 21.88 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

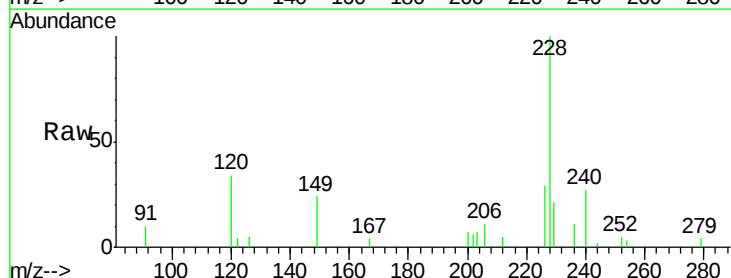
Tgt Ion:228 Resp: 3888

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

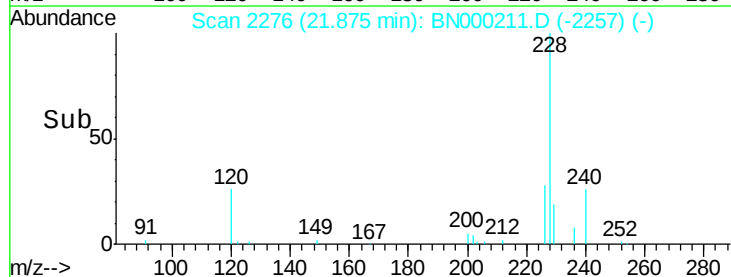
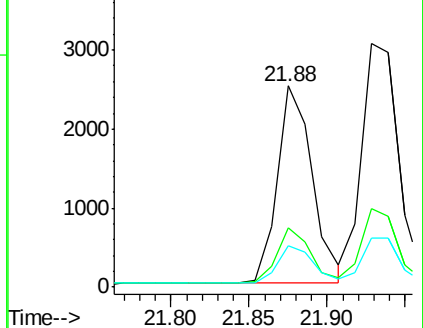
229 20.8 16.0 24.0



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: 0.070 ng

RT: 21.93 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07

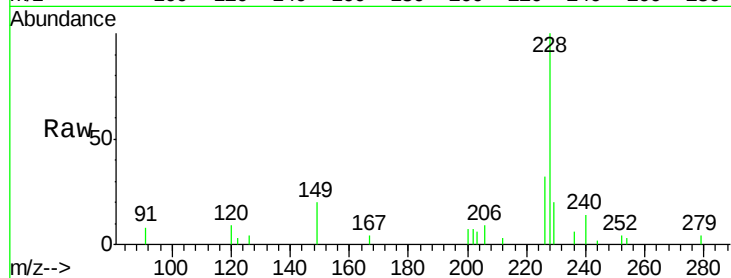
Tgt Ion:228 Resp: 4948

Ion Ratio Lower Upper

228 100

226 32.4 24.0 36.0

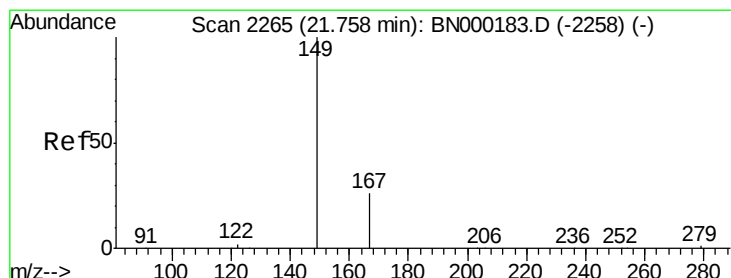
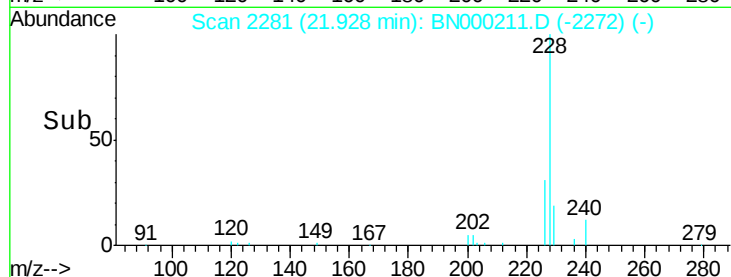
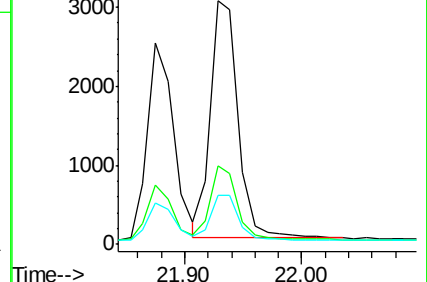
229 20.0 16.0 24.0



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: 0.080 ng

RT: 21.77 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

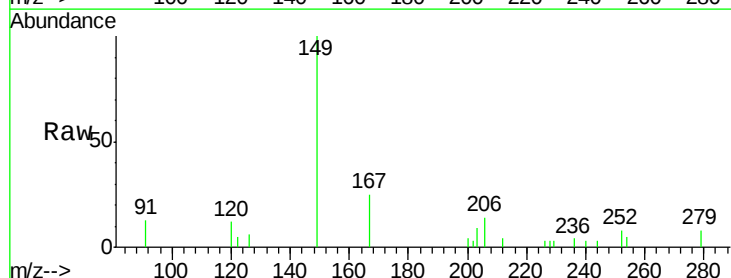
Tgt Ion:149 Resp: 1813

Ion Ratio Lower Upper

149 100

167 25.6 20.0 30.0

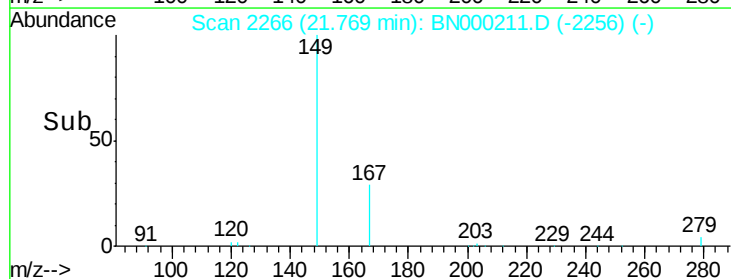
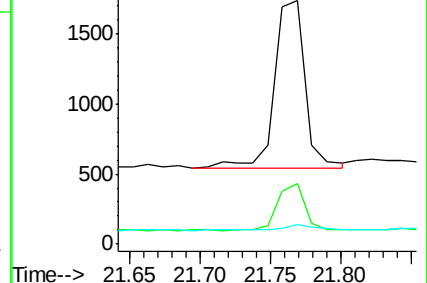
279 3.0 1.6 2.4#



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: 0.062 ng

RT: 26.93 min Scan# 3647

Delta R.T. 0.01 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07

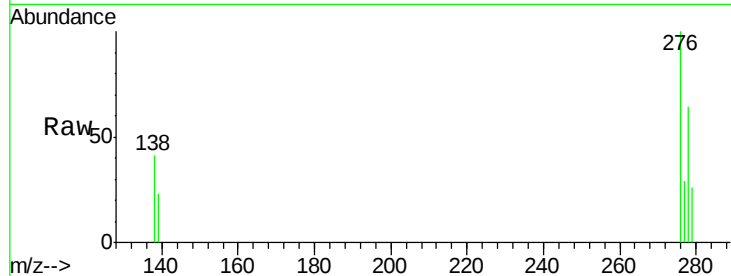
Tgt Ion:276 Resp: 4119

Ion Ratio Lower Upper

276 100

138 37.6 22.5 33.7#

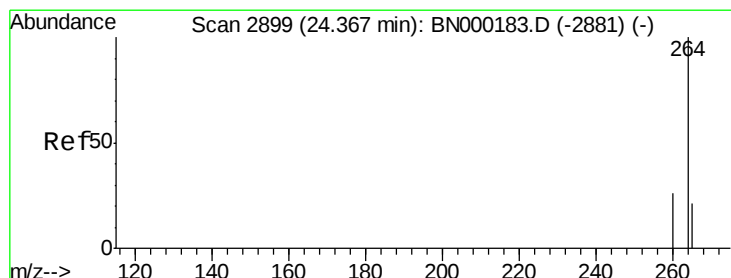
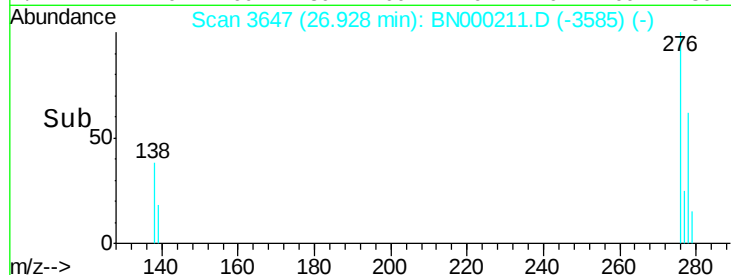
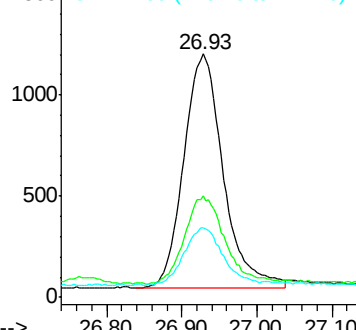
277 23.8 19.9 29.9



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: 24.37 min Scan# 2901

Delta R.T. 0.01 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

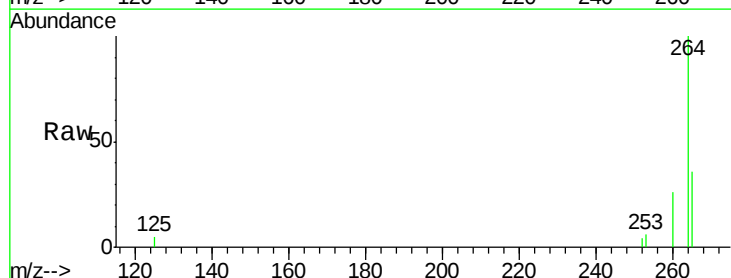
Tgt Ion:264 Resp: 15780

Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

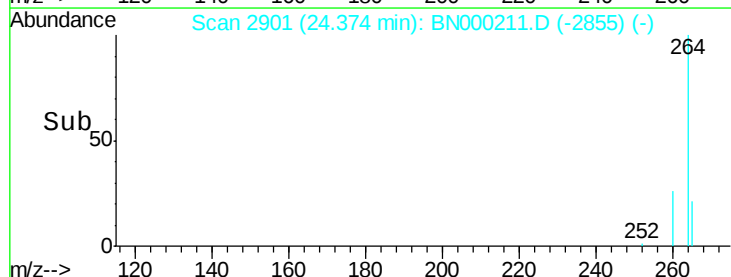
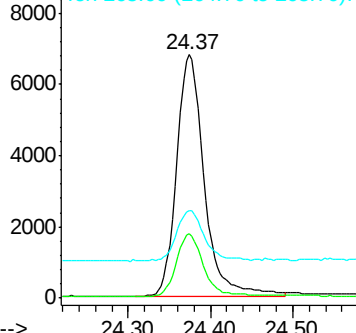
265 36.1 22.8 34.2#



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

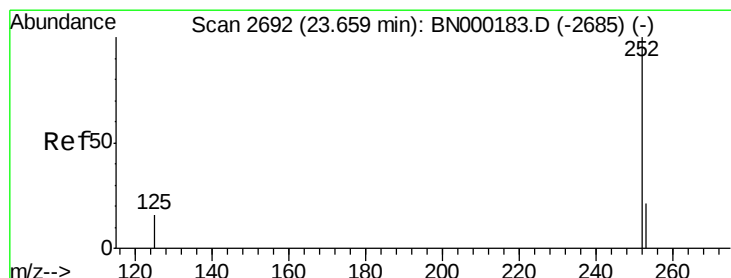
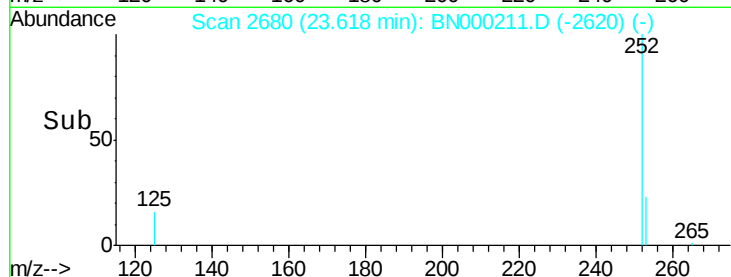
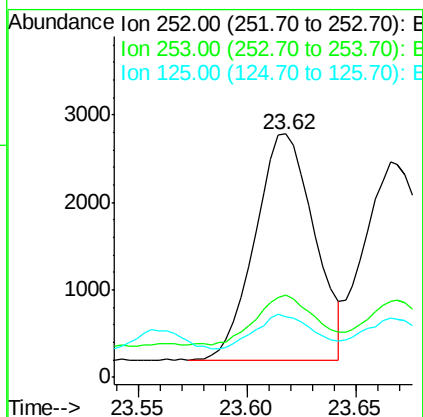
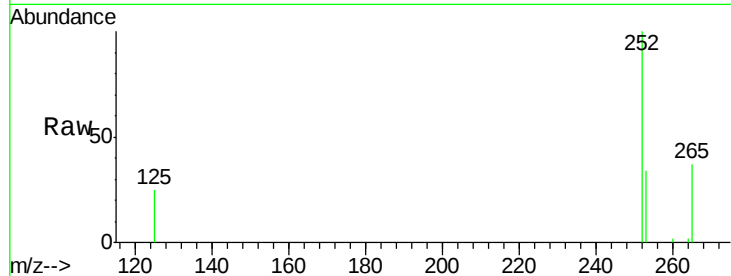




#35
Benzo(b)fluoranthene
Concen: 0.068 ng
RT: 23.62 min Scan# 2680
Delta R.T. 0.01 min
Lab File: BN000211.D
Acq: 01 Mar 2018 11:07

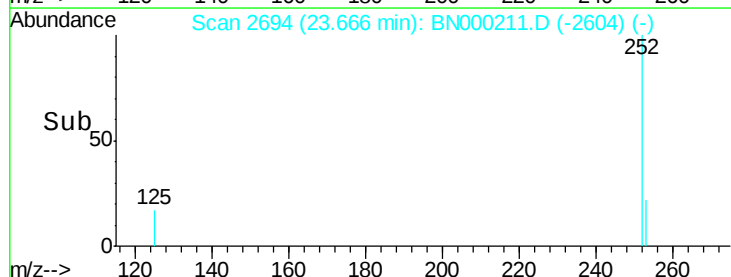
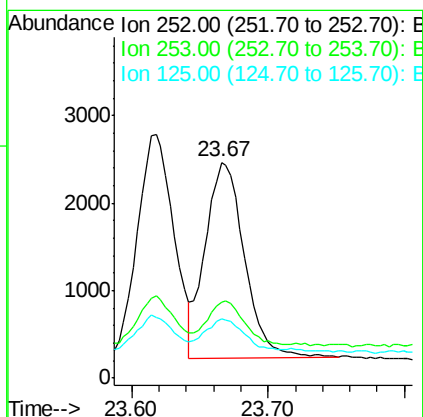
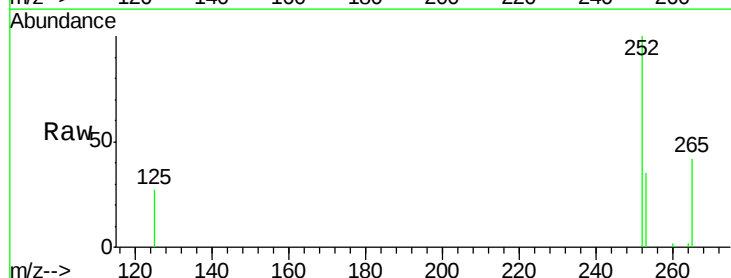
Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:252 Resp: 4867
Ion Ratio Lower Upper
252 100
253 33.8 20.0 30.0#
125 24.9 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.064 ng
RT: 23.67 min Scan# 2694
Delta R.T. 0.01 min
Lab File: BN000211.D
Acq: 01 Mar 2018 11:07

Tgt Ion:252 Resp: 4481
Ion Ratio Lower Upper
252 100
253 35.0 16.0 24.0#
125 27.3 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.063 ng

RT: 24.26 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07

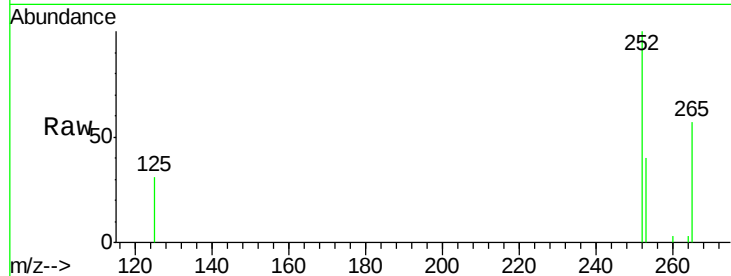
Tgt Ion:252 Resp: 3668

Ion Ratio Lower Upper

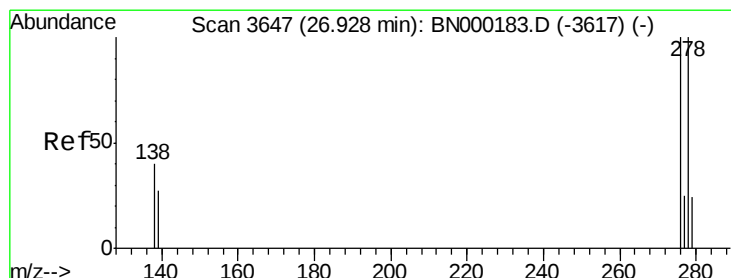
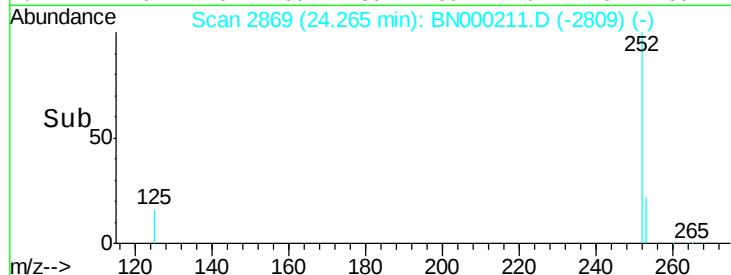
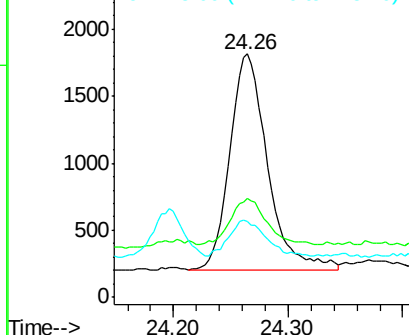
252 100

253 40.4 16.0 24.0#

125 31.3 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.060 ng

RT: 26.94 min Scan# 3650

Delta R.T. 0.01 min

Lab File: BN000211.D

Acq: 01 Mar 2018 11:07

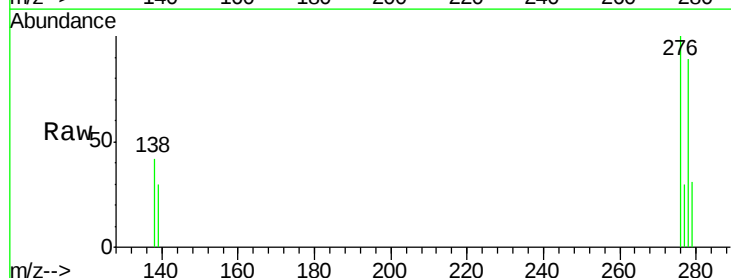
Tgt Ion:278 Resp: 3153

Ion Ratio Lower Upper

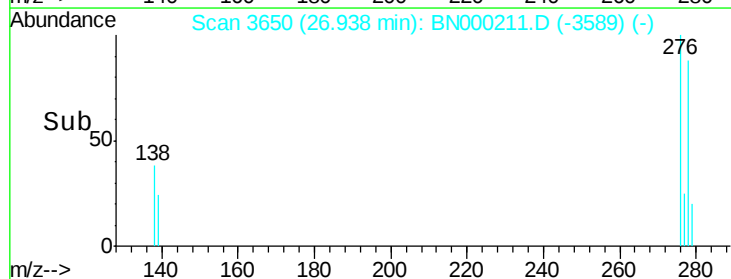
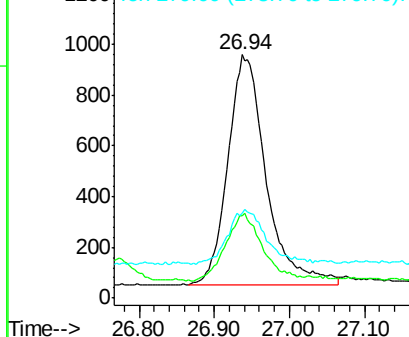
278 100

139 34.1 16.0 24.0#

279 34.9 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.067 ng

RT: 27.71 min Scan# 3876

Delta R.T. 0.01 min

Lab File: BN000211.D

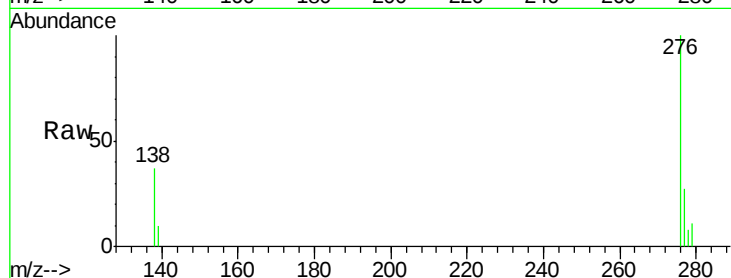
Acq: 01 Mar 2018 11:07

Instrument :

BNA_N

ClientSampleId :

MDL-W-07



Tgt Ion: 276 Resp: 4105

Ion Ratio Lower Upper

276 100

277 27.2 16.0 24.0#

138 36.9 20.0 30.0#

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

