

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000184.D
 Acq On : 27 Feb 2018 10:59
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Feb 27 14:17:54 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 14:08:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	3902	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	14730	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	7359	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	17363	0.40	ng	0.00
27) Chrysene-d12	21.90	240	18165	0.40	ng	0.00
34) Perylene-d12	24.37	264	15321	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	6107	0.74	ng	0.00
5) Phenol-d6	7.58	99	7843	0.75	ng	0.00
8) Nitrobenzene-d5	9.63	82	6483	0.74	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	17039	0.77	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1855	0.76	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	27152	0.78	ng	0.00
25) Fluoranthene-d10	19.77	212	36116	0.78	ng	0.00
29) Terphenyl-d14	20.34	244	23803	0.75	ng	0.00

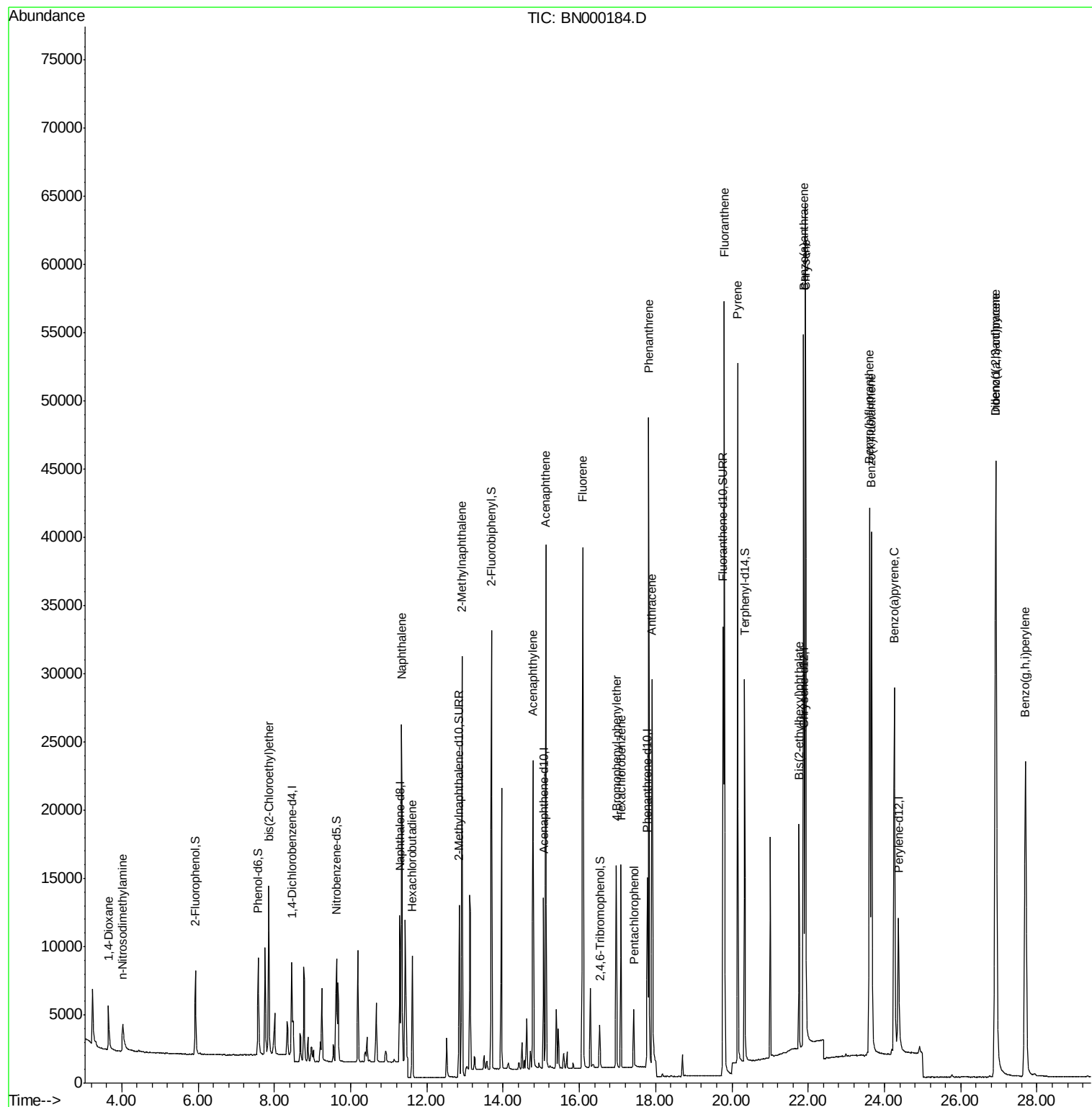
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	3202	0.703	ng	95
3) n-Nitrosodimethylamine	4.02	42	2033	0.676	ng	# 98
6) bis(2-Chloroethyl)ether	7.85	93	10057	0.756	ng	99
9) Naphthalene	11.34	128	32992	0.766	ng	97
10) Hexachlorobutadiene	11.62	225	5578	0.763	ng	97
12) 2-Methylnaphthalene	12.92	142	21592	0.766	ng	99
16) Acenaphthylene	14.78	152	25512	0.736	ng	100
17) Acenaphthene	15.13	154	20983	0.767	ng	97
18) Fluorene	16.09	166	26628	0.781	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	7596	0.759	ng	# 84
21) Hexachlorobenzene	17.09	284	10029	0.749	ng	96
22) Pentachlorophenol	17.43	266	2343	0.655	ng	99
23) Phenanthrene	17.82	178	46946	0.768	ng	99
24) Anthracene	17.90	178	35082	0.734	ng	96
26) Fluoranthene	19.80	202	50063	0.790	ng	# 96
28) Pyrene	20.16	202	51032	0.716	ng	100
30) Benzo(a)anthracene	21.88	228	43137	0.754	ng	96
31) Chrysene	21.93	228	51826	0.775	ng	99
32) Bis(2-ethylhexyl)phthalate	21.76	149	13940	0.655	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.91	276	53677	0.860	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	53271	0.762	ng	94
36) Benzo(k)fluoranthene	23.66	252	54131	0.791	ng	# 90
37) Benzo(a)pyrene	24.26	252	44180	0.775	ng	# 92
38) Dibenzo(a,h)anthracene	26.92	278	42775	0.843	ng	# 91
39) Benzo(g,h,i)perylene	27.70	276	48542	0.811	ng	# 86

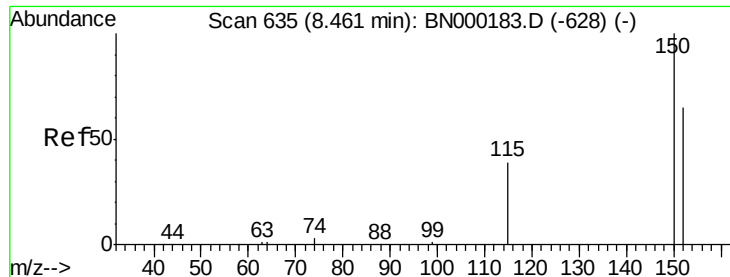
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 635

Delta R.T. -0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

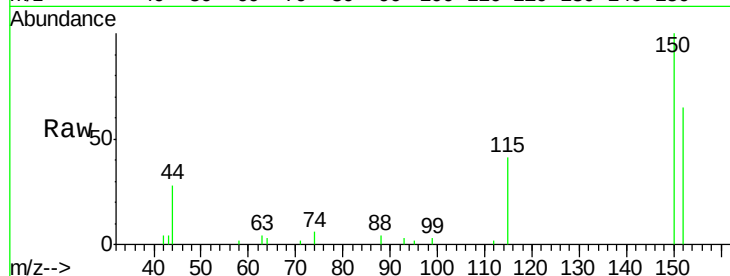
Tgt Ion:152 Resp: 3902

Ion Ratio Lower Upper

152 100

150 153.5 117.2 175.8

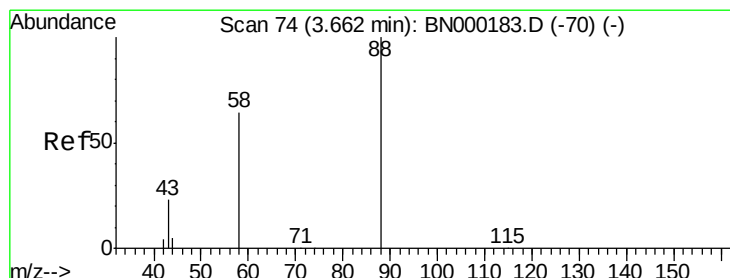
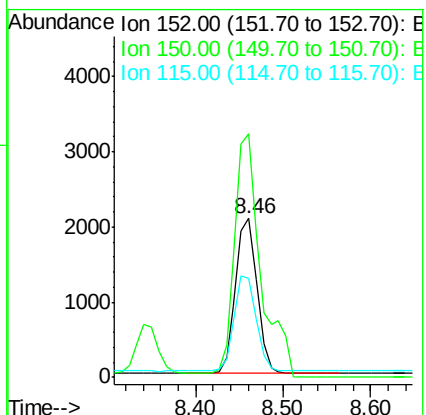
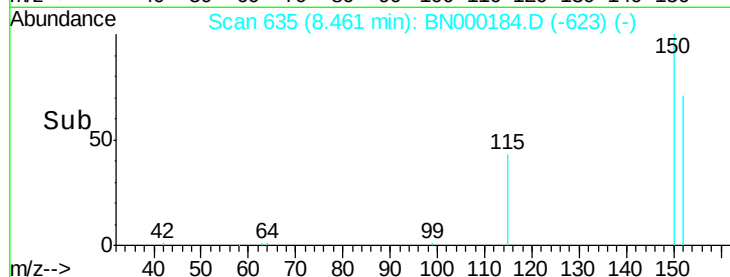
115 62.5 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.703 ng

RT: 3.65 min Scan# 73

Delta R.T. -0.01 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

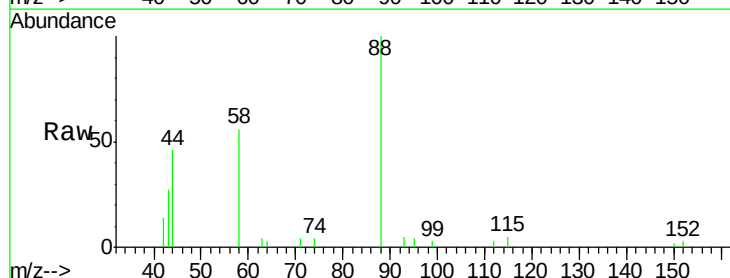
Tgt Ion: 88 Resp: 3202

Ion Ratio Lower Upper

88 100

58 64.8 48.0 72.0

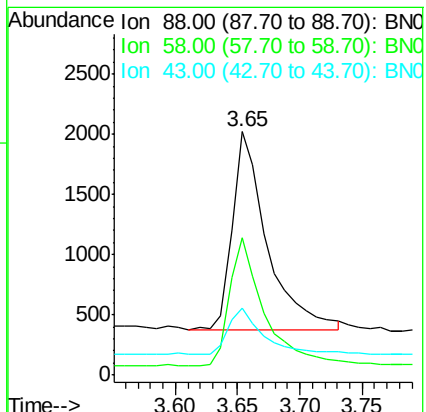
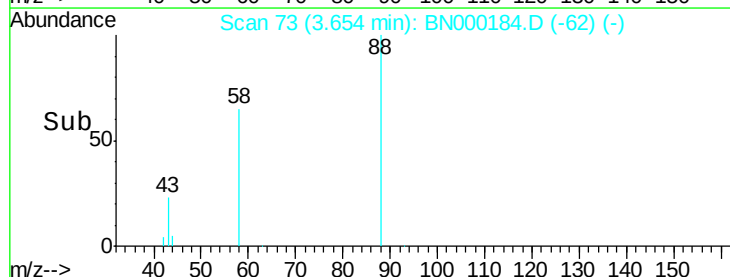
43 23.7 20.0 30.0

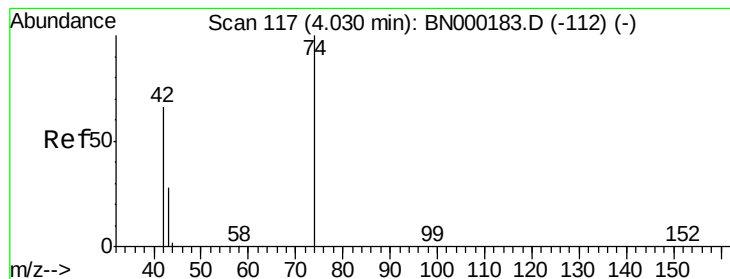


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.676 ng

RT: 4.02 min Scan# 116

Delta R.T. -0.01 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

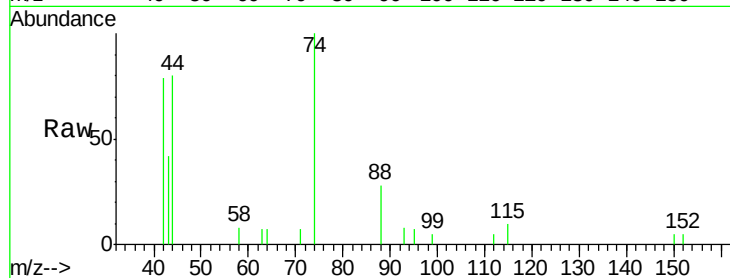
Tgt Ion: 42 Resp: 2033

Ion Ratio Lower Upper

42 100

74 147.8 120.0 180.0

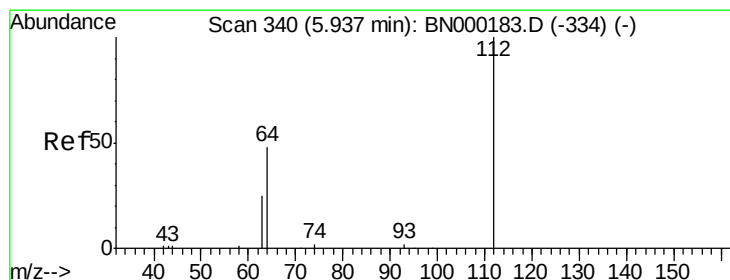
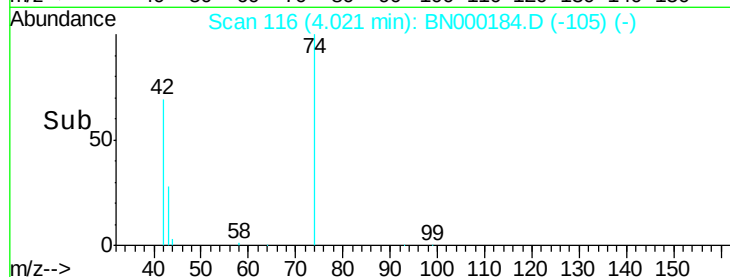
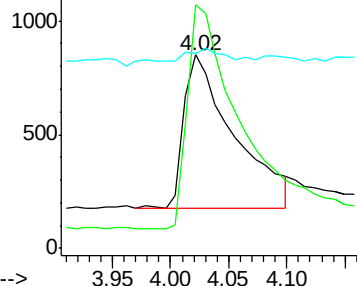
44 6.4 4.0 6.0#



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: 0.741 ng

RT: 5.93 min Scan# 339

Delta R.T. -0.01 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

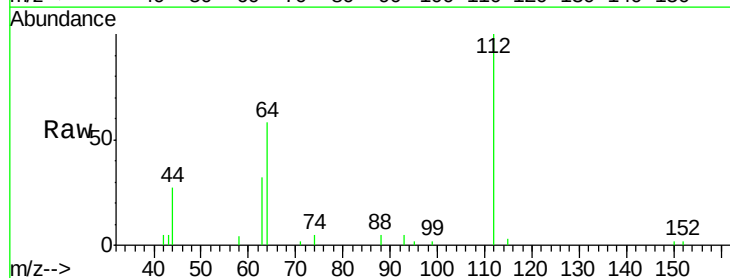
Tgt Ion: 112 Resp: 6107

Ion Ratio Lower Upper

112 100

64 53.8 60.1 90.1#

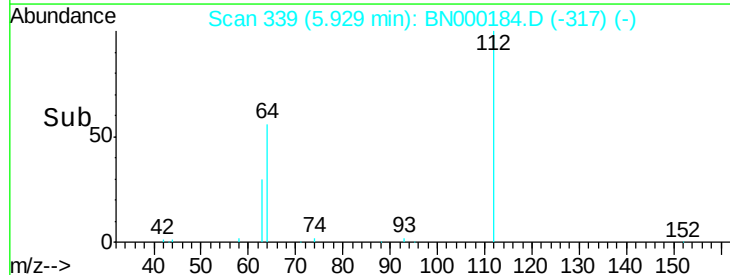
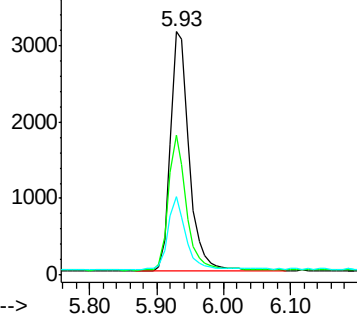
63 28.8 116.8 175.2#

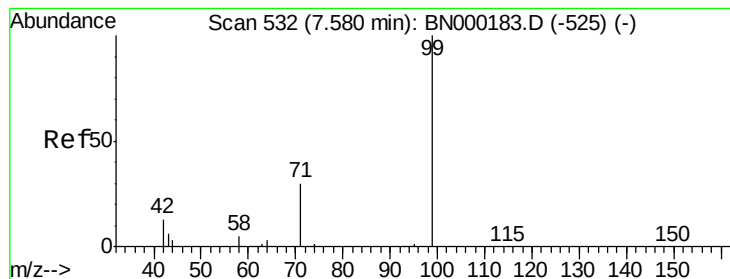


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.749 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampled :

SSTDIC0.8

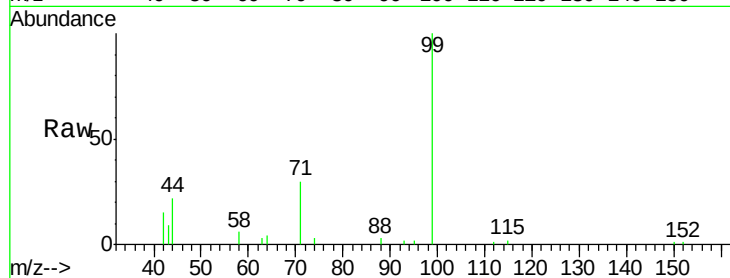
Tgt Ion: 99 Resp: 7843

Ion Ratio Lower Upper

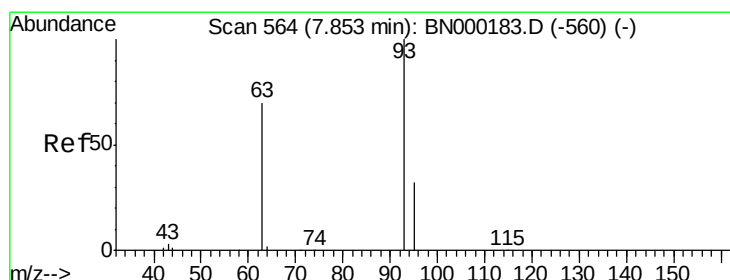
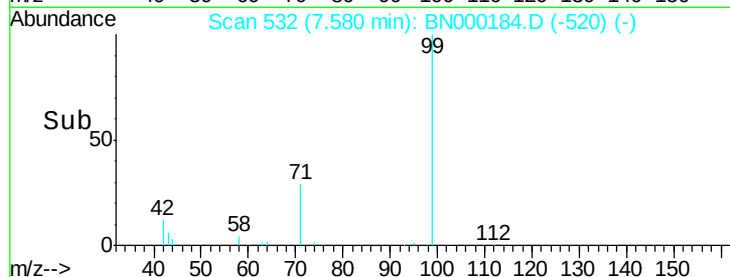
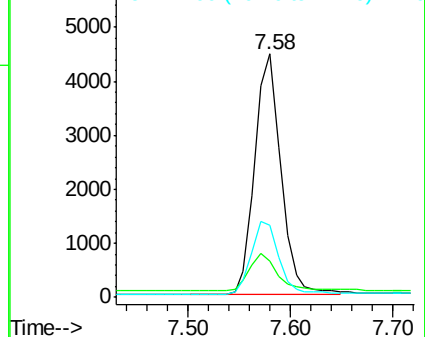
99 100

42 16.2 20.2 30.2#

71 31.5 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.756 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

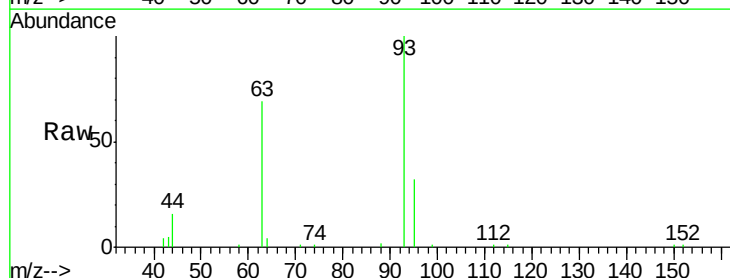
Tgt Ion: 93 Resp: 10057

Ion Ratio Lower Upper

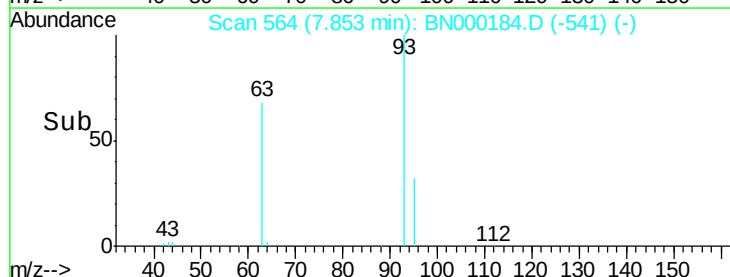
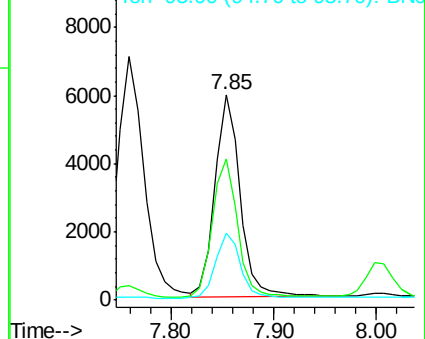
93 100

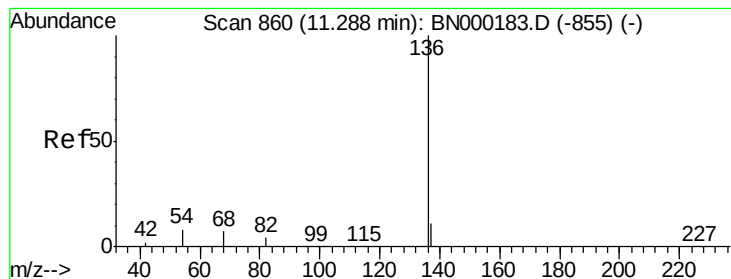
63 68.8 56.0 84.0

95 32.2 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 14730

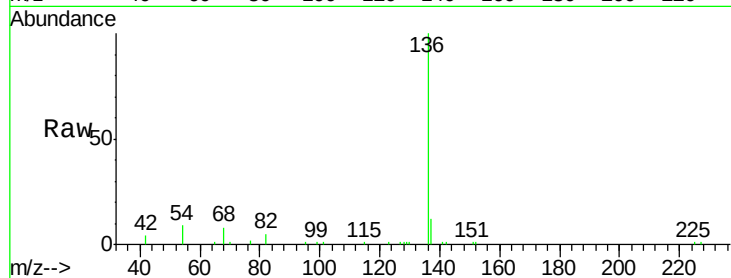
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 9.3 29.1 43.7#

68 8.3 6.2 9.2

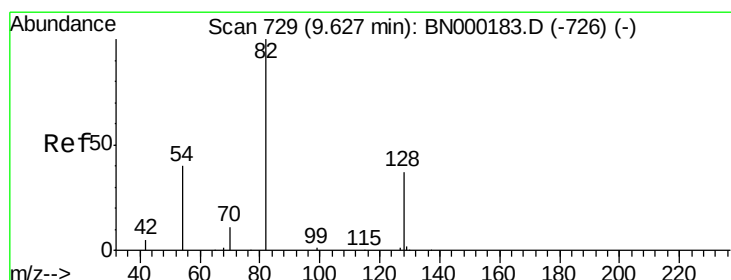
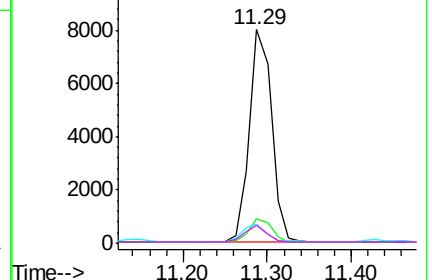
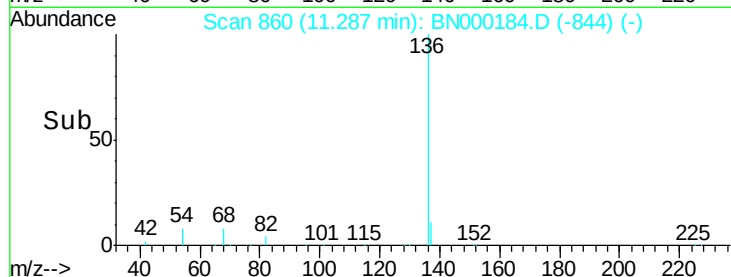


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.742 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

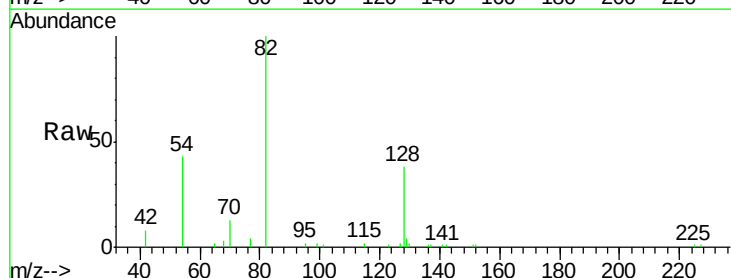
Tgt Ion: 82 Resp: 6483

Ion Ratio Lower Upper

82 100

128 37.9 150.0 225.0#

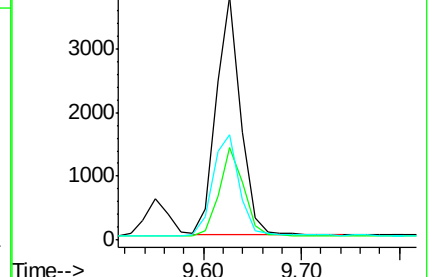
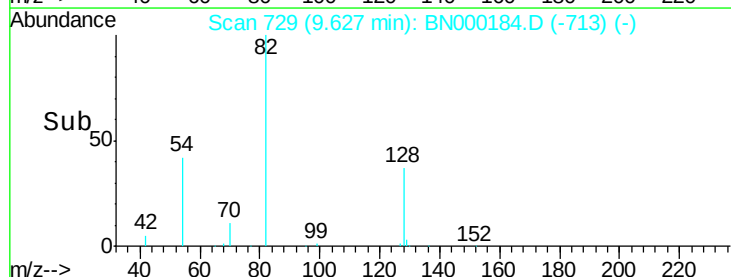
54 43.1 154.2 231.4#

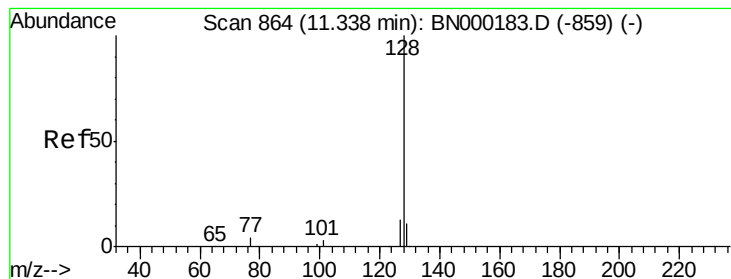


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.766 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

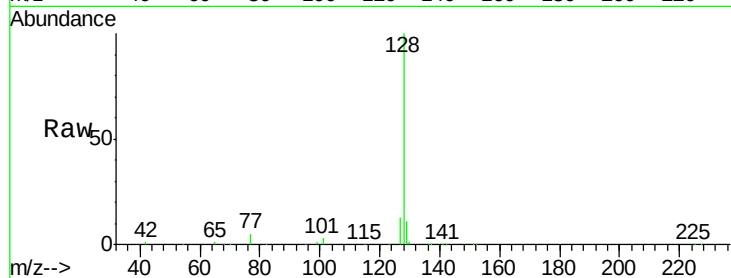
Tgt Ion:128 Resp: 32992

Ion Ratio Lower Upper

128 100

129 11.1 8.0 12.0

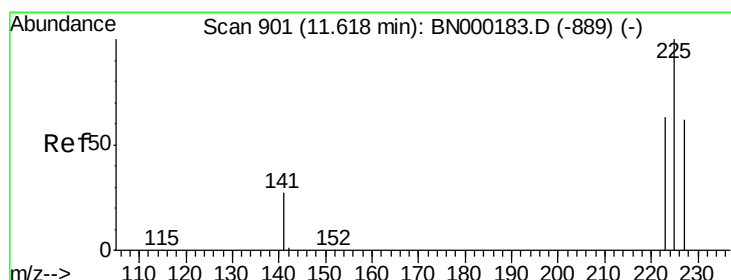
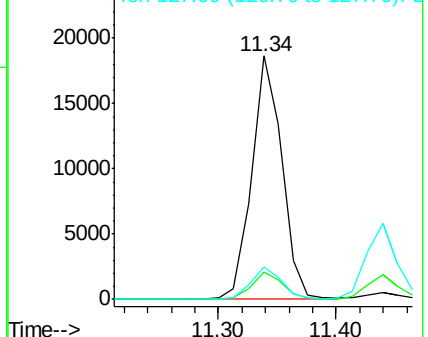
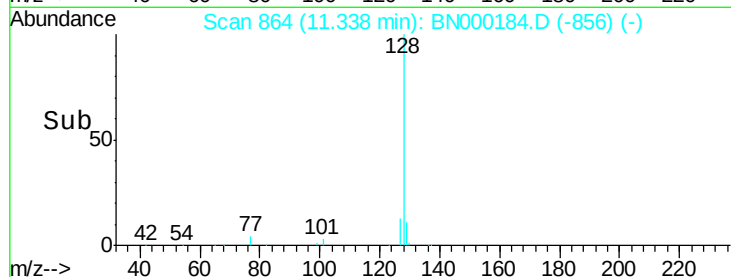
127 13.3 9.6 14.4



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: 0.763 ng

RT: 11.62 min Scan# 903

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

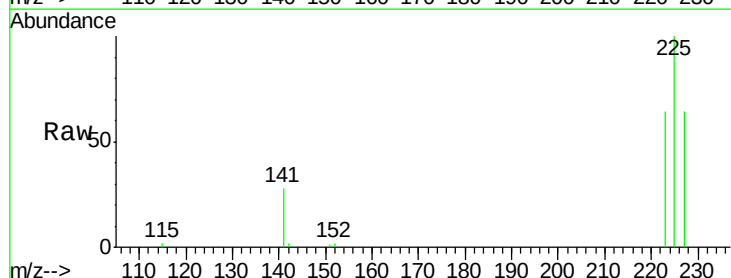
Tgt Ion:225 Resp: 5578

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

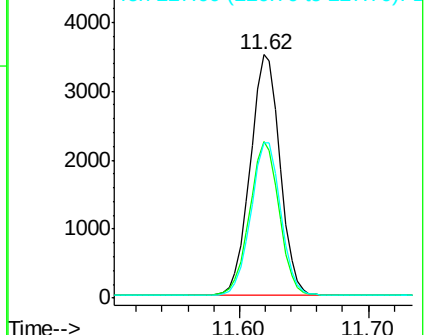
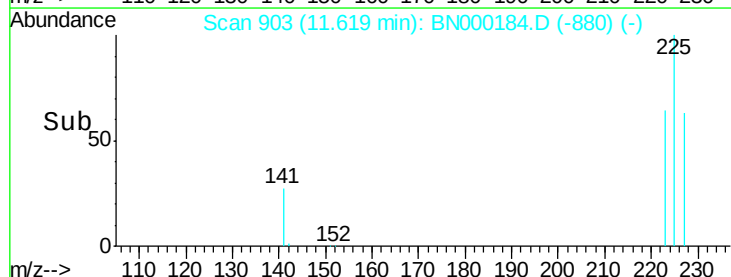
227 63.6 51.4 77.2

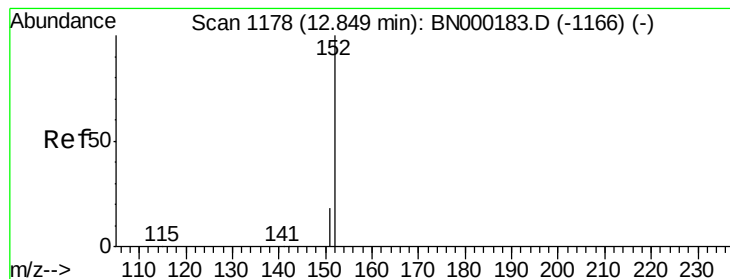


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.768 ng

RT: 12.85 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

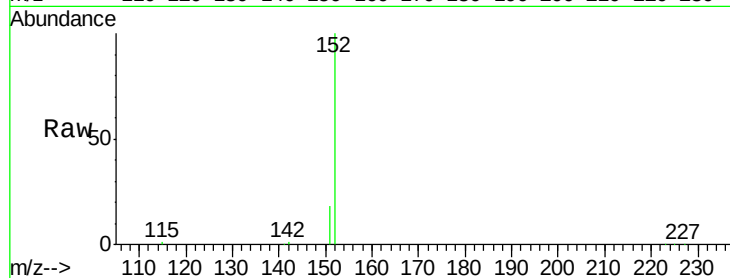
SSTDIC0.8

Tgt Ion:152 Resp: 17039

Ion Ratio Lower Upper

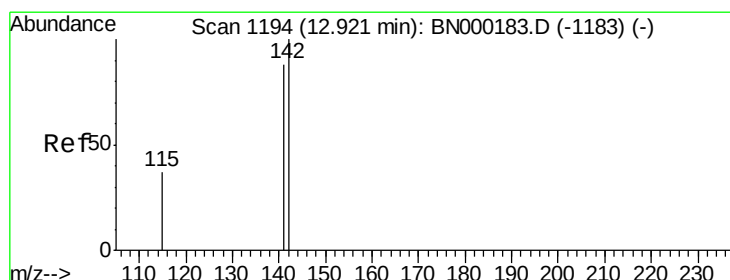
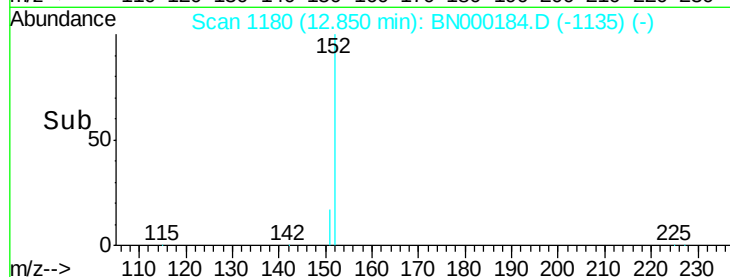
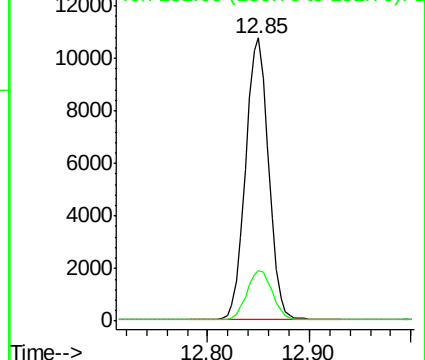
152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.766 ng

RT: 12.92 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

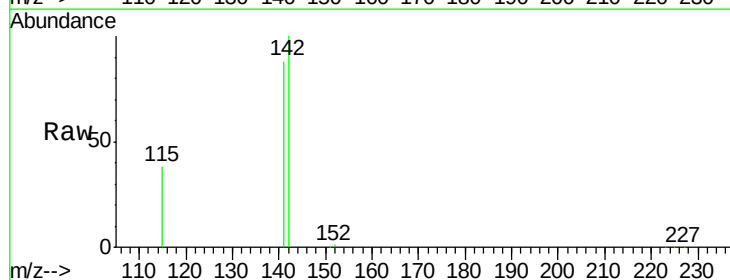
Tgt Ion:142 Resp: 21592

Ion Ratio Lower Upper

142 100

141 87.8 70.4 105.6

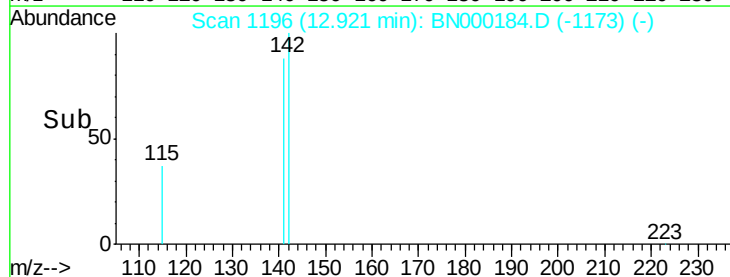
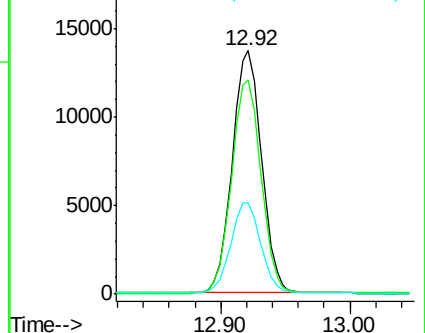
115 37.6 31.7 47.5

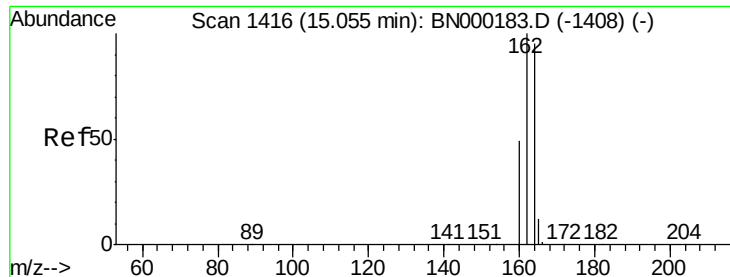


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

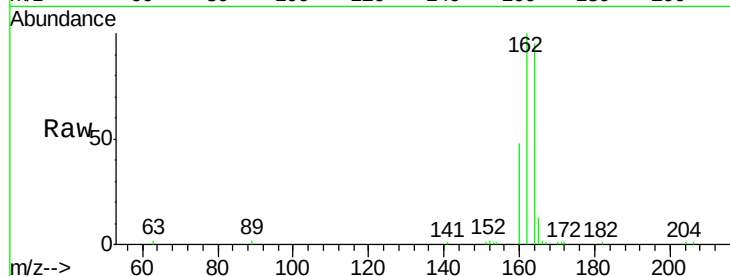
Tgt Ion:164 Resp: 7359

Ion Ratio Lower Upper

164 100

162 105.6 83.1 124.7

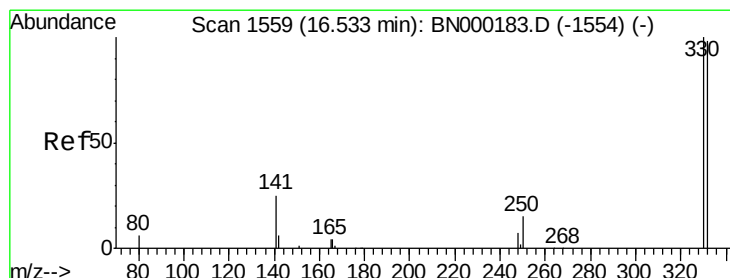
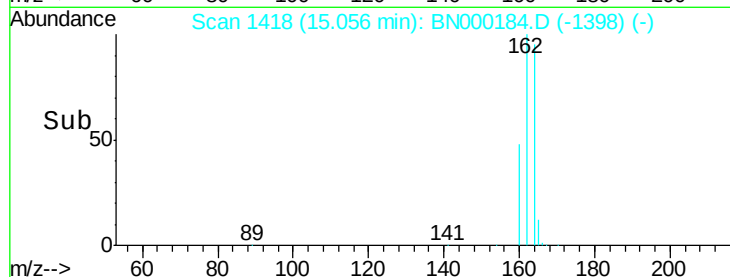
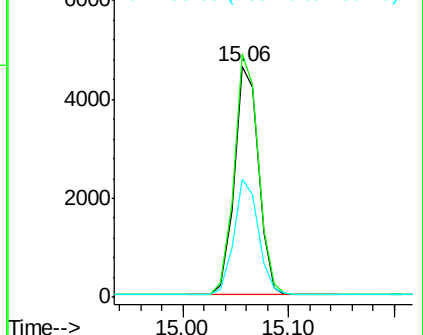
160 51.1 37.1 55.7



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: 0.757 ng

RT: 16.53 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

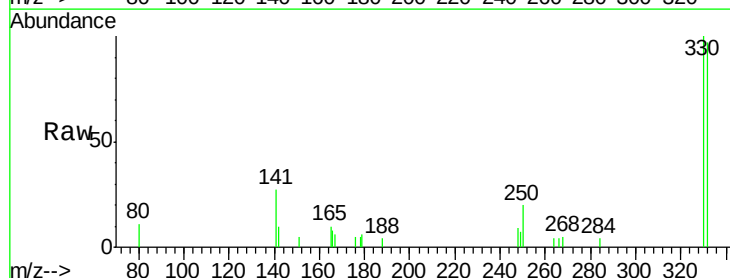
Tgt Ion:330 Resp: 1855

Ion Ratio Lower Upper

330 100

332 96.2 152.7 229.1#

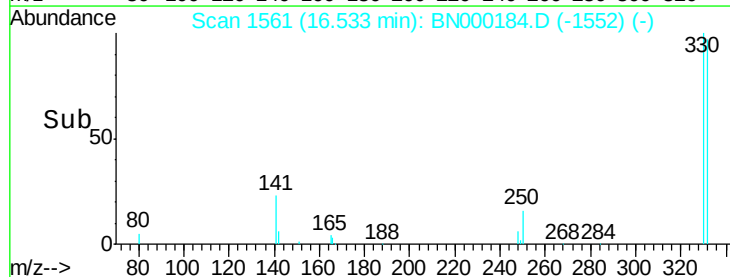
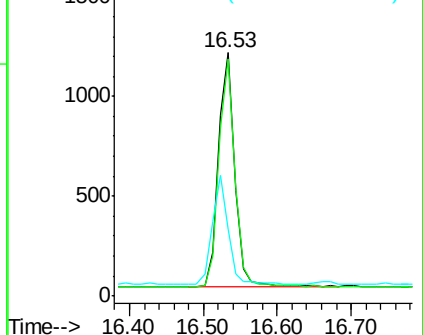
141 45.1 33.7 50.5

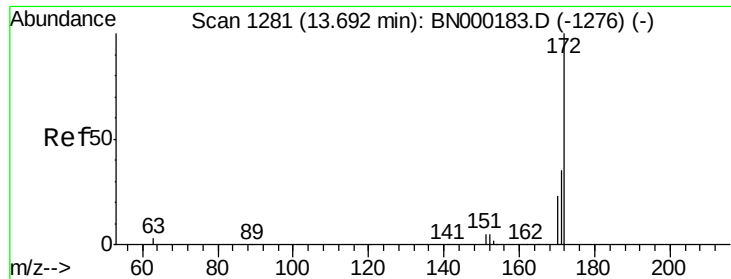


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

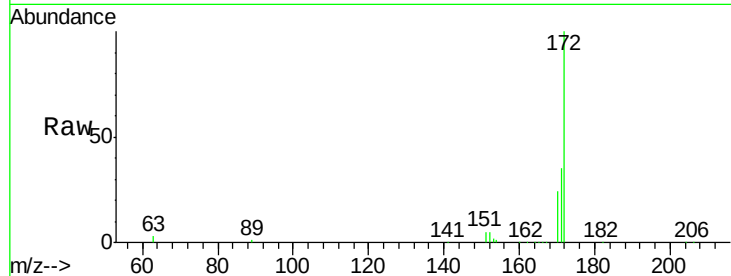




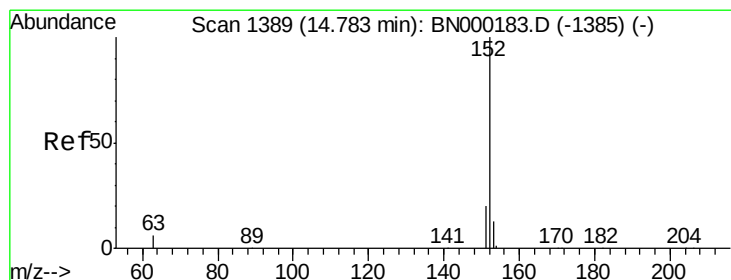
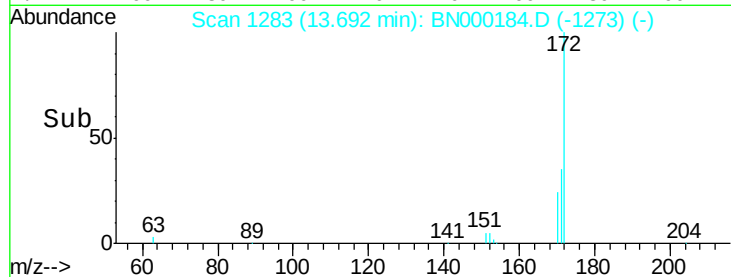
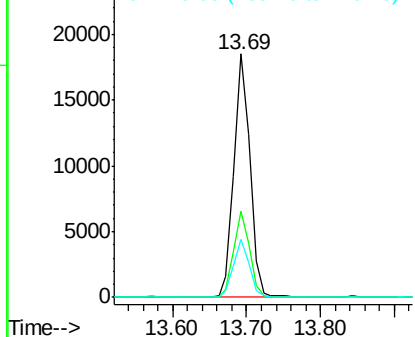
#15
 2-Fluorobiphenyl
 Concen: 0.778 ng
 RT: 13.69 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BN000184.D
 Acq: 27 Feb 2018 10:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Tgt Ion:172 Resp: 27152
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 23.8 21.8 32.8

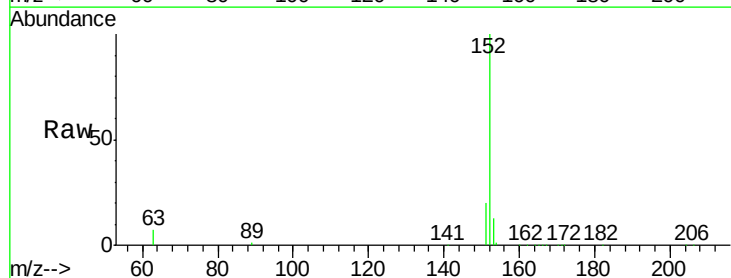


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

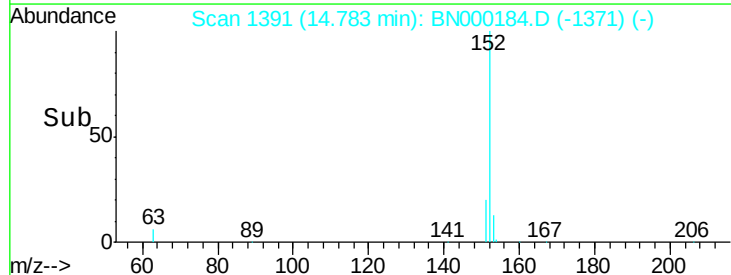
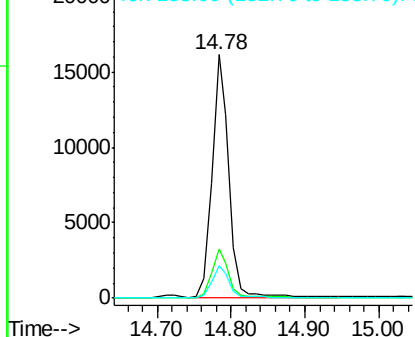


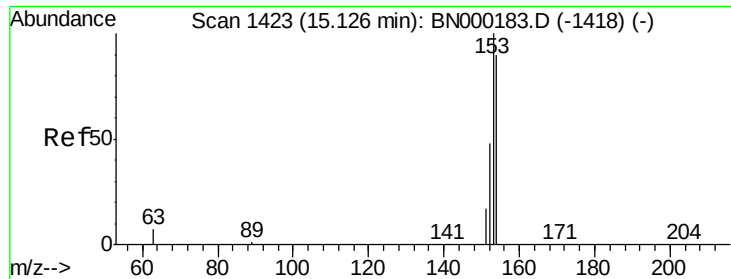
#16
 Acenaphthylene
 Concen: 0.736 ng
 RT: 14.78 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BN000184.D
 Acq: 27 Feb 2018 10:59

Tgt Ion:152 Resp: 25512
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.7 23.5
 153 12.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.767 ng

RT: 15.13 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

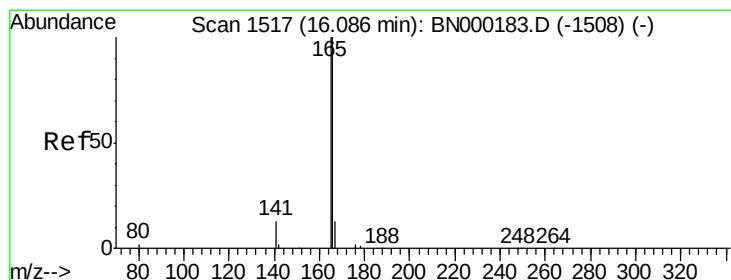
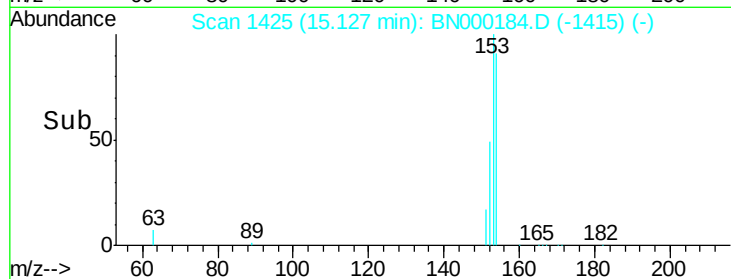
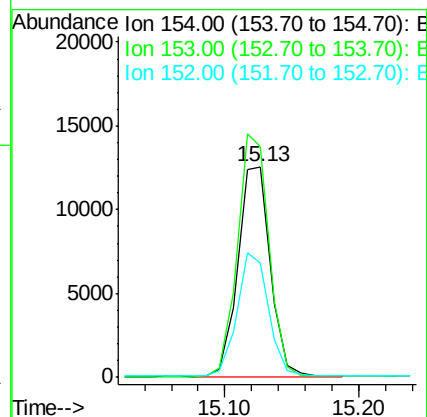
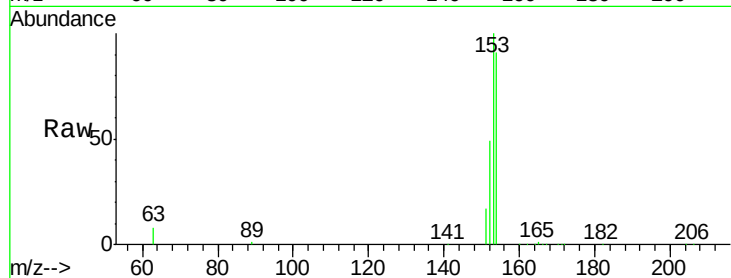
Tgt Ion:154 Resp: 20983

Ion Ratio Lower Upper

154 100

153 112.4 89.2 133.8

152 56.7 42.0 63.0



#18

Fluorene

Concen: 0.781 ng

RT: 16.09 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

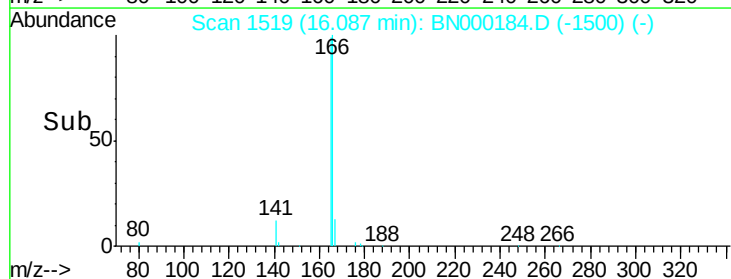
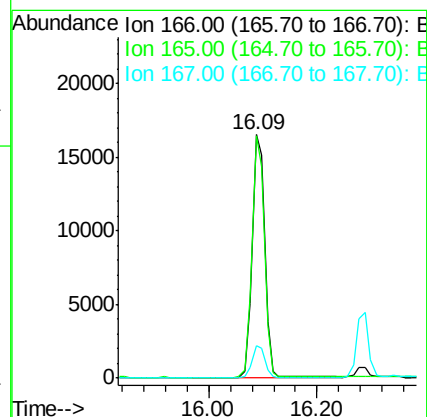
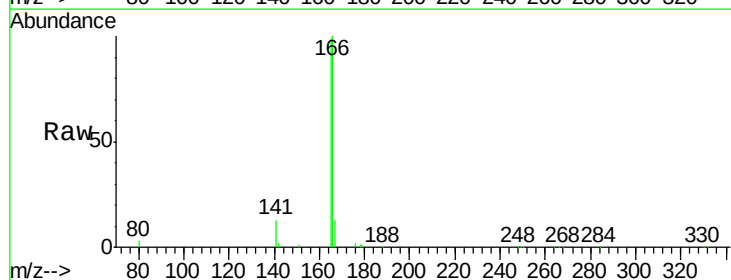
Tgt Ion:166 Resp: 26628

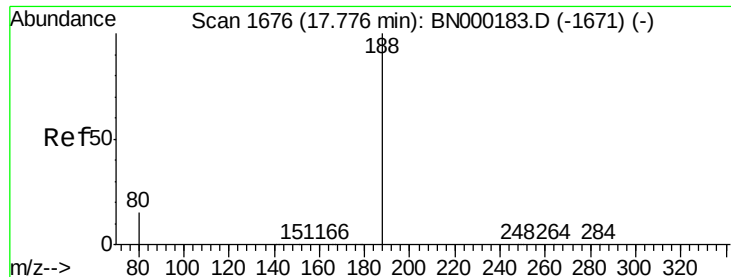
Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

167 13.4 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

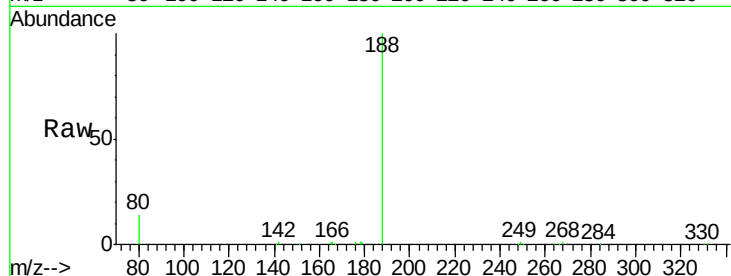
Tgt Ion:188 Resp: 17363

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

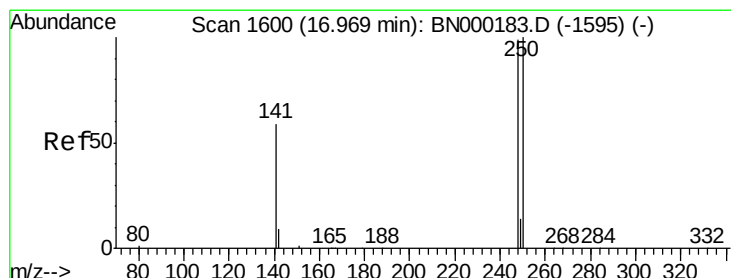
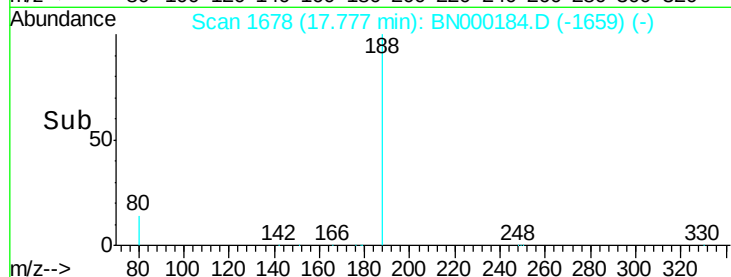
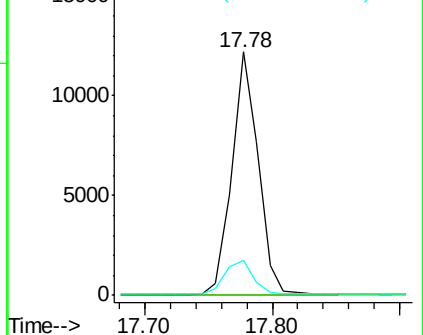
80 14.4 3.6 5.4#



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: 0.759 ng

RT: 16.97 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

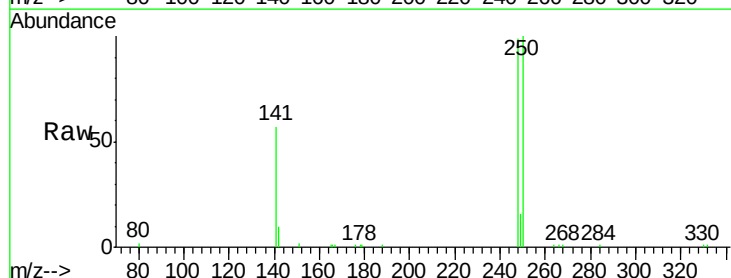
Tgt Ion:248 Resp: 7596

Ion Ratio Lower Upper

248 100

250 100.7 62.7 94.1#

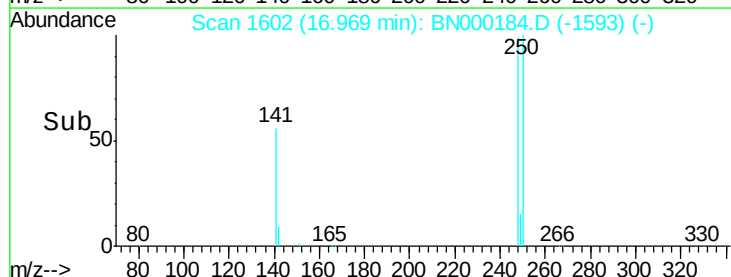
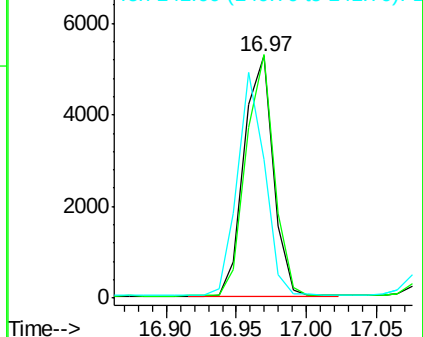
141 57.2 48.2 72.2

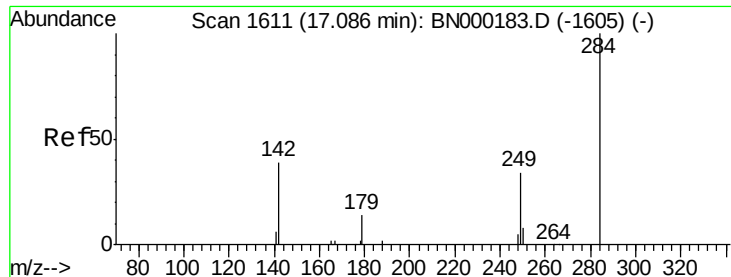


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.749 ng

RT: 17.09 min Scan# 1613

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

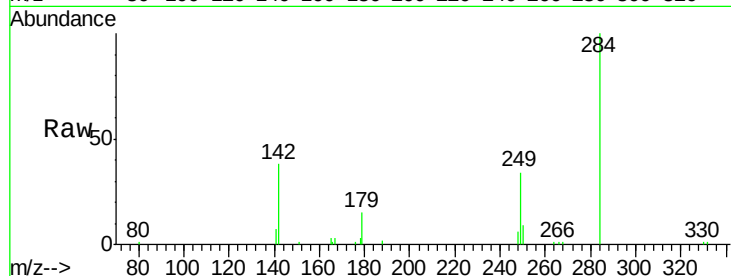
Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

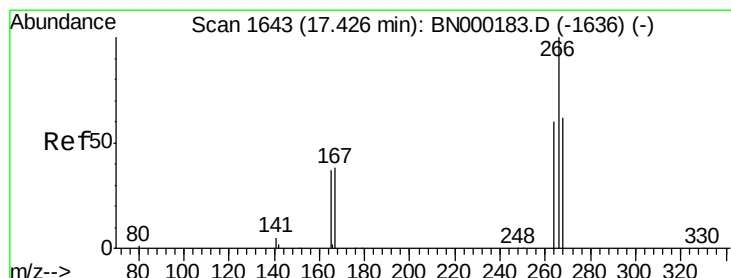
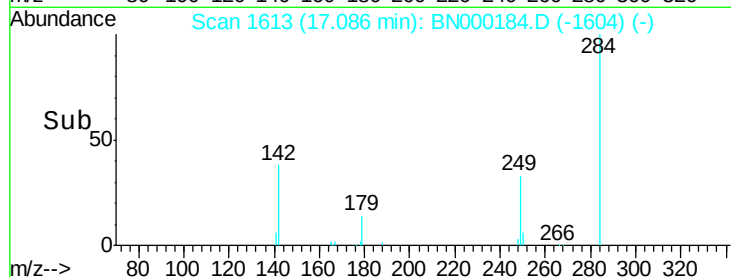
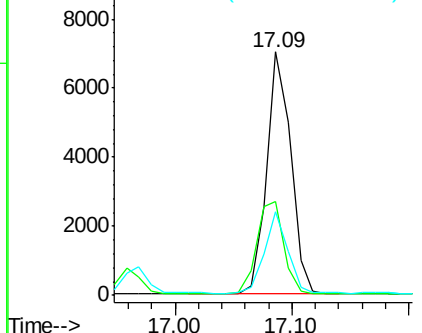
Tgt Ion:	284	Resp:	10029
Ion	Ratio	Lower	Upper
284	100		
142	42.3	32.0	48.0
249	32.0	24.0	36.0



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: 0.655 ng

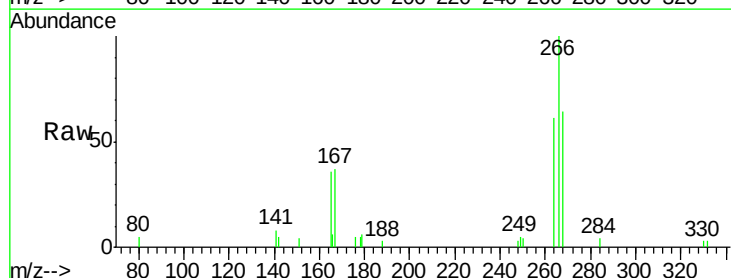
RT: 17.43 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

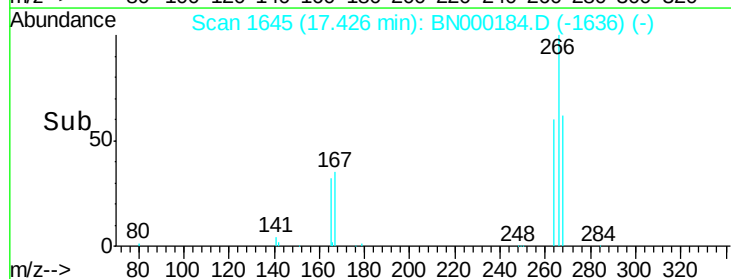
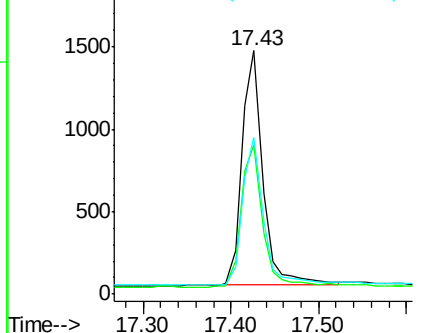
Tgt Ion:	266	Resp:	2343
Ion	Ratio	Lower	Upper
266	100		
264	61.4	48.0	72.0
268	64.2	52.0	78.0

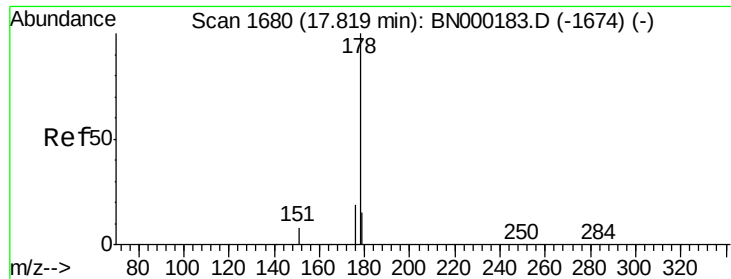


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.768 ng

RT: 17.82 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

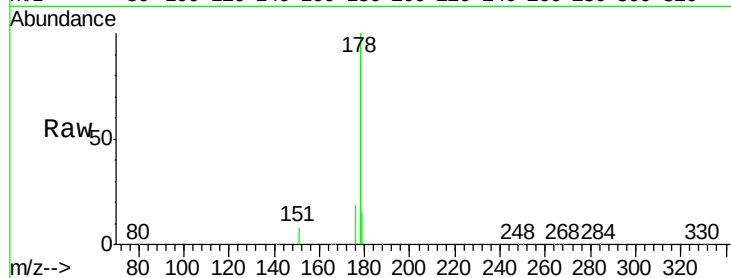
Tgt Ion:178 Resp: 46946

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

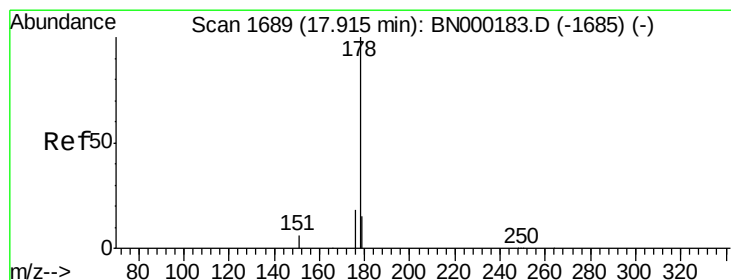
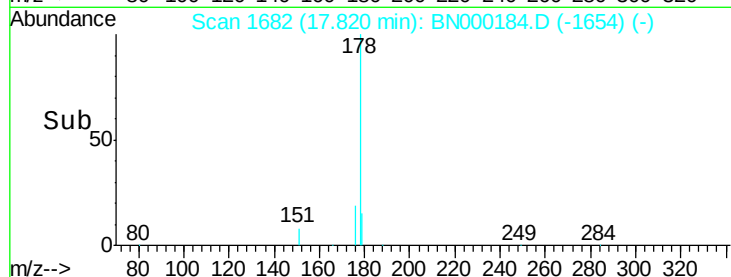
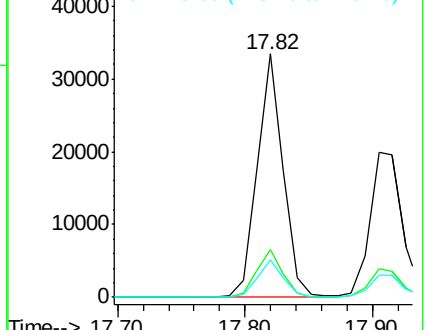
179 15.3 11.8 17.6



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: 0.734 ng

RT: 17.90 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

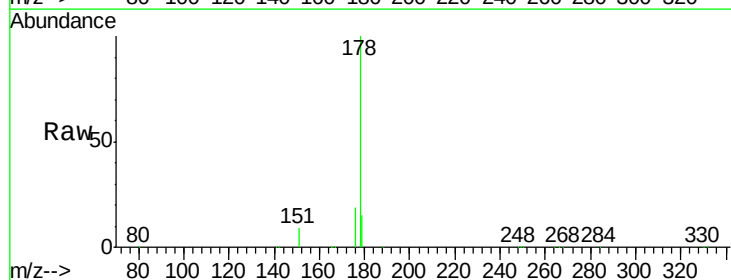
Tgt Ion:178 Resp: 35082

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

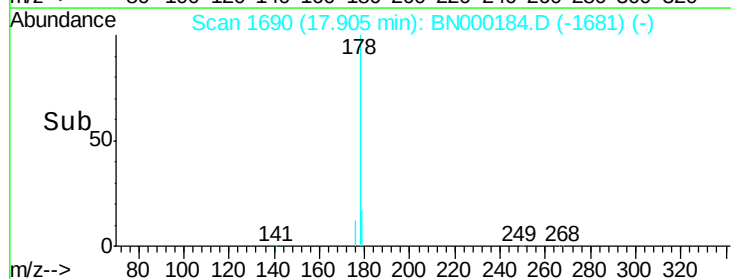
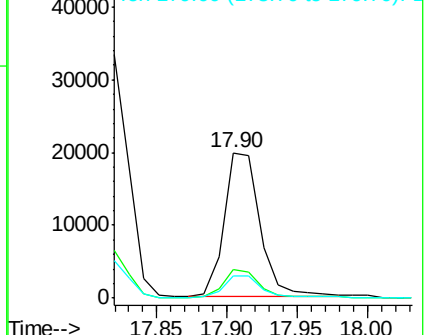
179 15.2 13.0 19.6

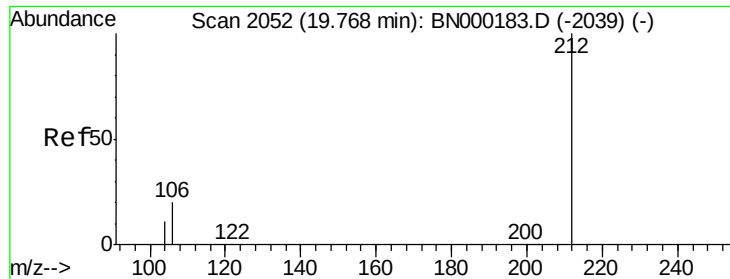


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.778 ng

RT: 19.77 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

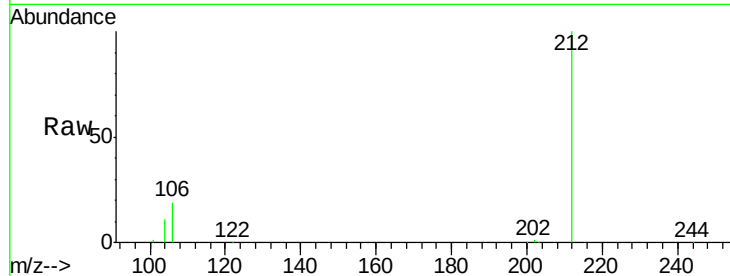
Tgt Ion:212 Resp: 36116

Ion Ratio Lower Upper

212 100

106 19.4 2.8 4.2#

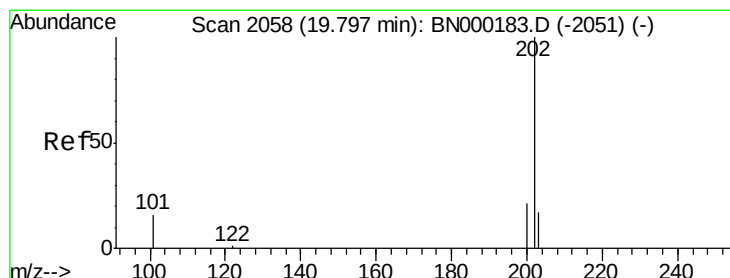
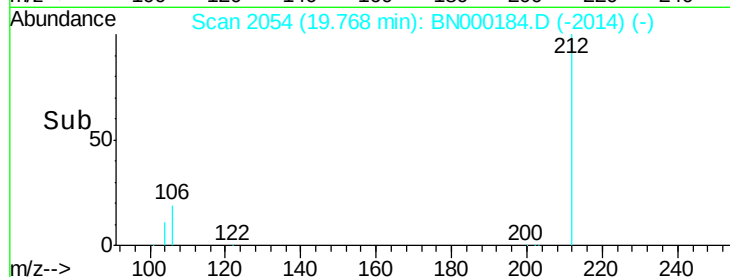
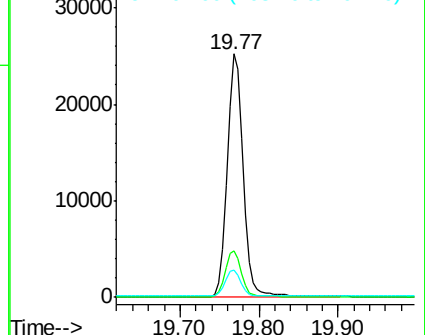
104 10.9 1.6 2.4#



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: 0.790 ng

RT: 19.80 min Scan# 2060

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

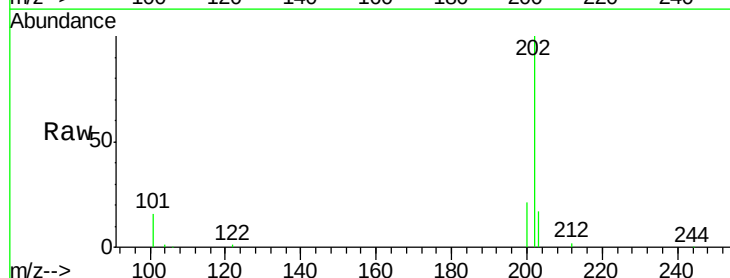
Tgt Ion:202 Resp: 50063

Ion Ratio Lower Upper

202 100

101 15.6 9.8 14.8#

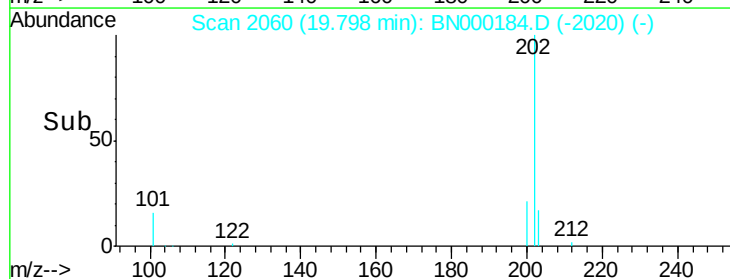
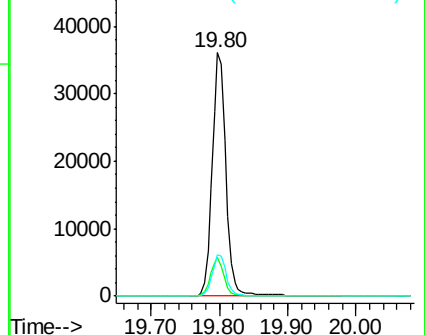
203 17.1 13.7 20.5

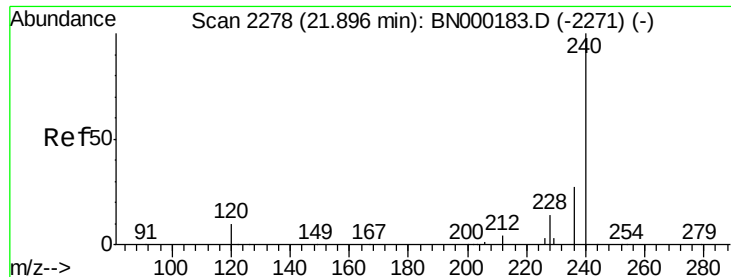


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2280

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

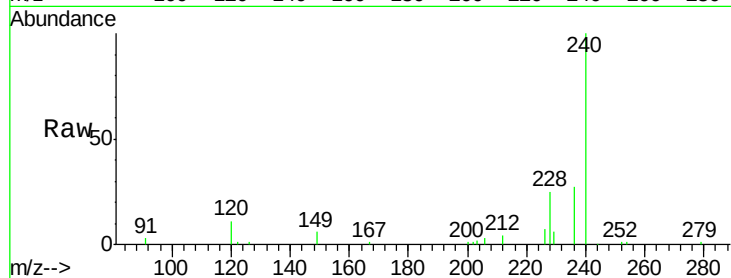
Tgt Ion:240 Resp: 18165

Ion Ratio Lower Upper

240 100

120 11.0 5.5 8.3#

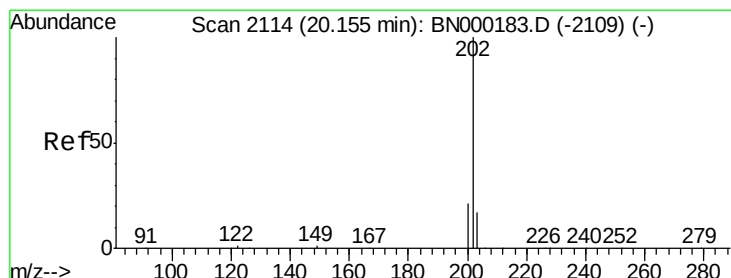
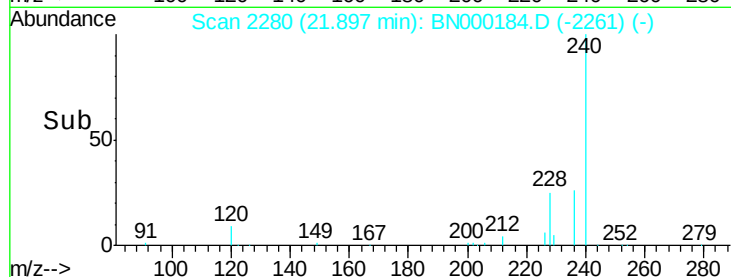
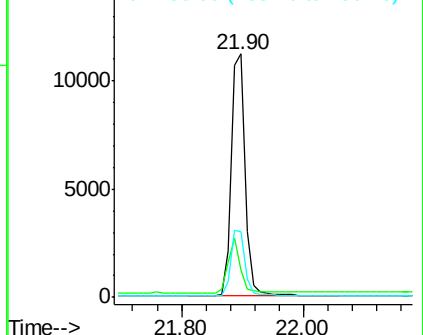
236 27.0 20.7 31.1



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: 0.716 ng

RT: 20.16 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

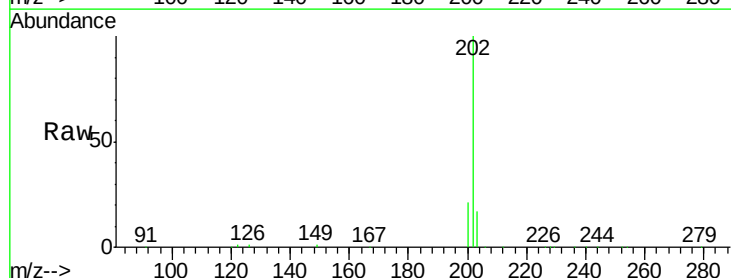
Tgt Ion:202 Resp: 51032

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

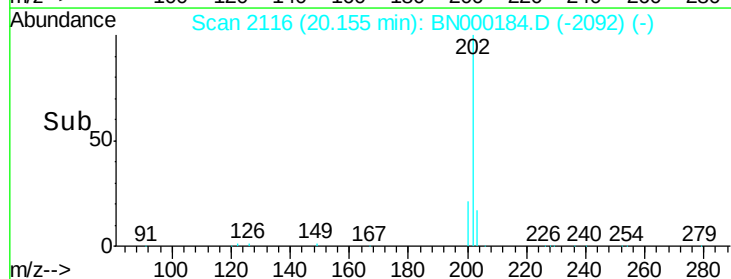
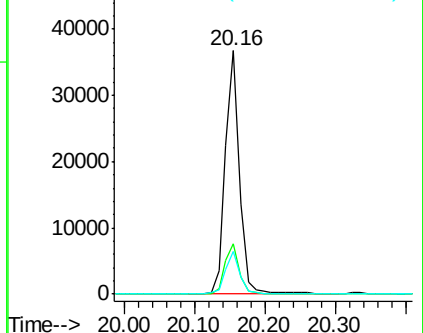
203 17.4 13.8 20.8

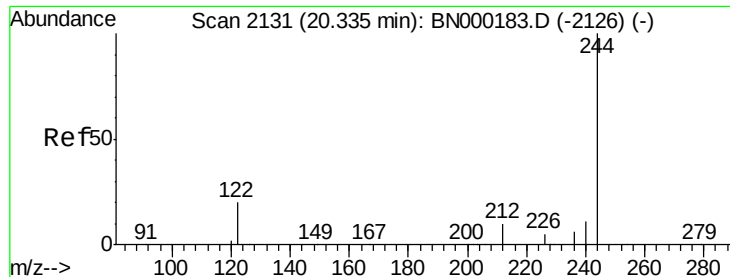


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.746 ng

RT: 20.34 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

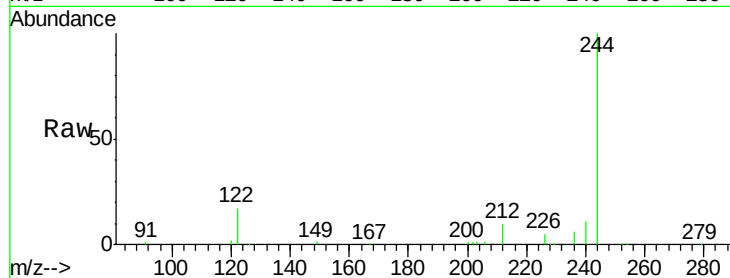
Tgt Ion:244 Resp: 23803

Ion Ratio Lower Upper

244 100

212 9.7 25.4 38.0#

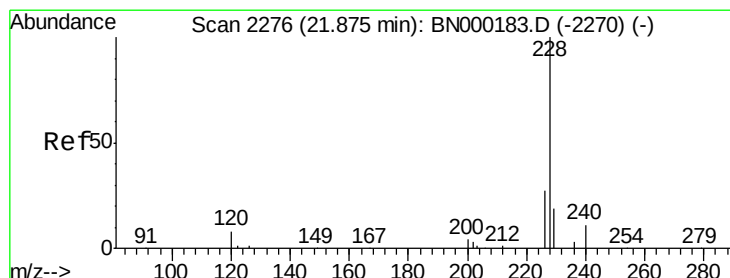
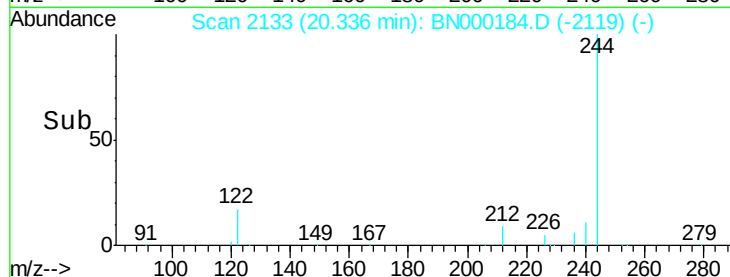
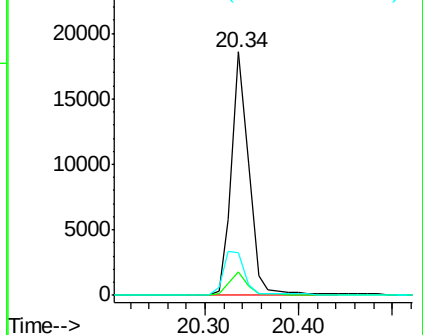
122 17.5 8.1 12.1#



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: 0.754 ng

RT: 21.88 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

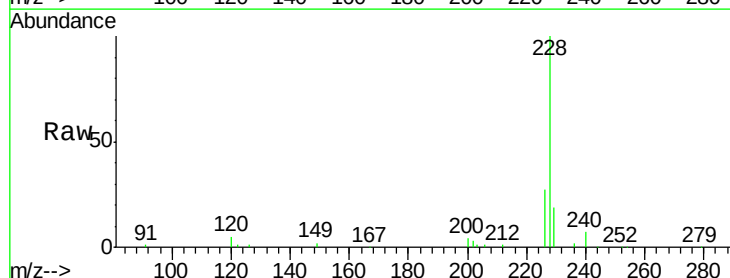
Tgt Ion:228 Resp: 43137

Ion Ratio Lower Upper

228 100

226 27.1 24.0 36.0

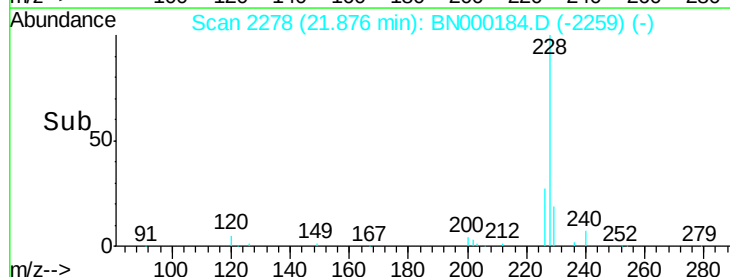
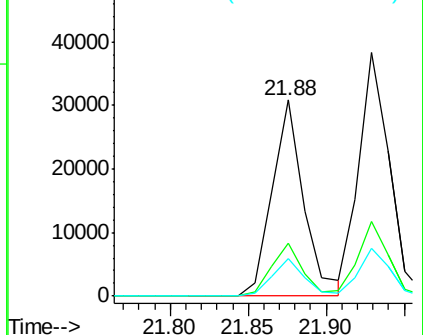
229 19.3 16.0 24.0

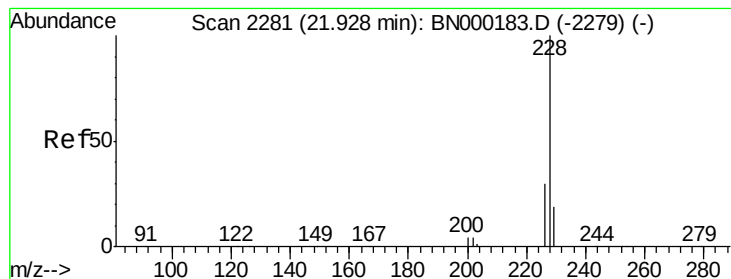


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.775 ng

RT: 21.93 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

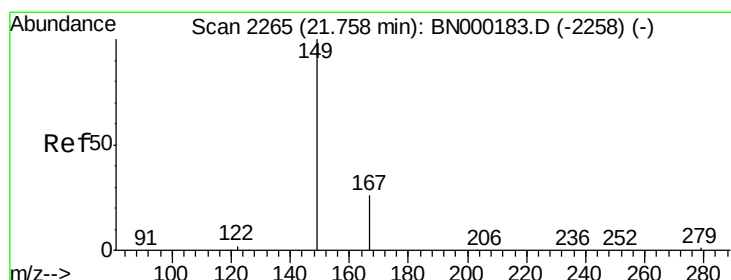
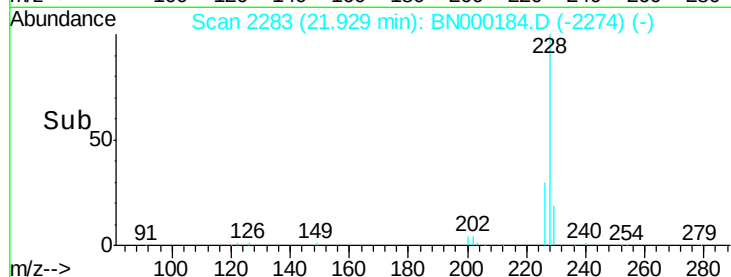
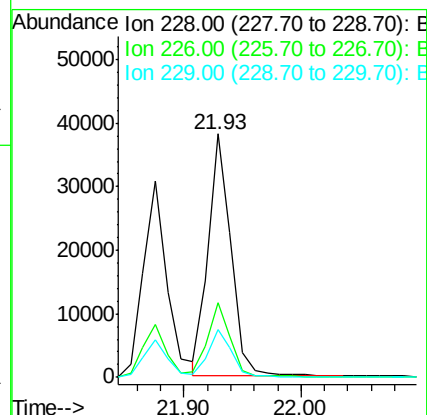
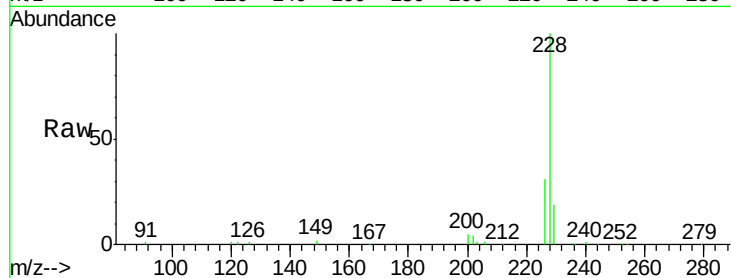
Tgt Ion:228 Resp: 51826

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 19.4 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.655 ng

RT: 21.76 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

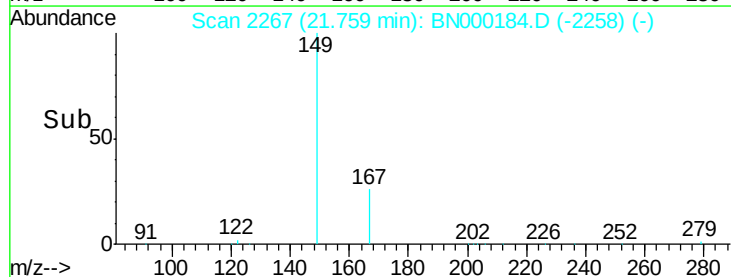
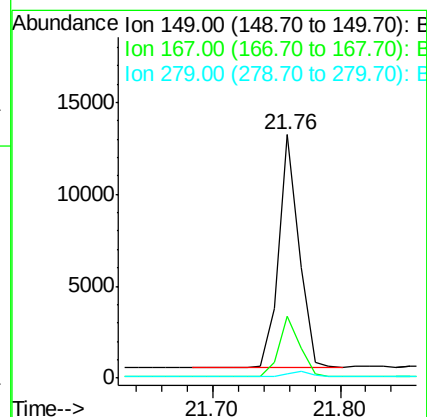
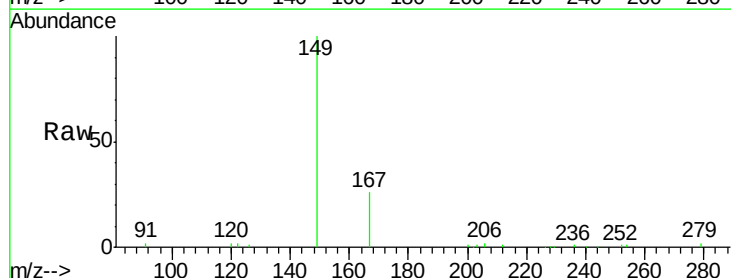
Tgt Ion:149 Resp: 13940

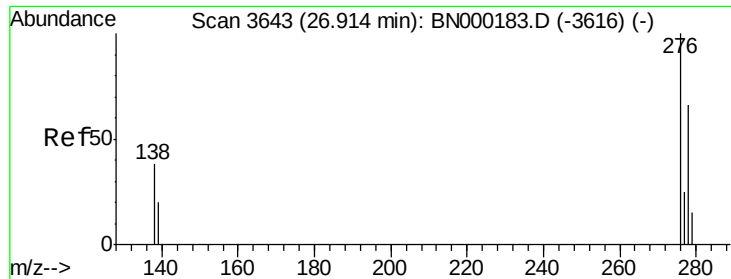
Ion Ratio Lower Upper

149 100

167 26.5 20.0 30.0

279 2.6 1.6 2.4#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.860 ng

RT: 26.91 min Scan# 3645

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

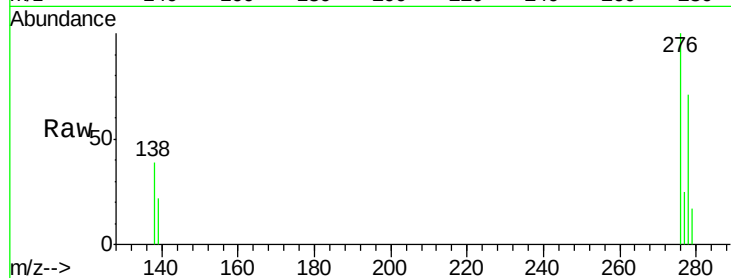
Tgt Ion:276 Resp: 53677

Ion Ratio Lower Upper

276 100

138 38.8 22.5 33.7#

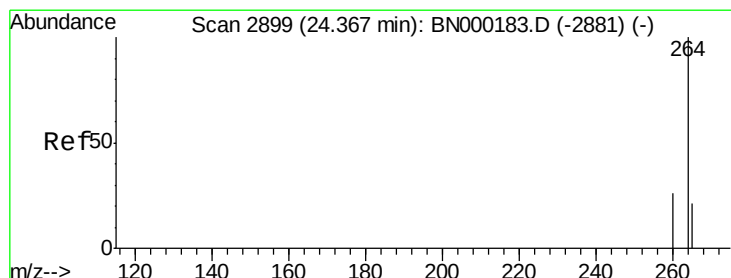
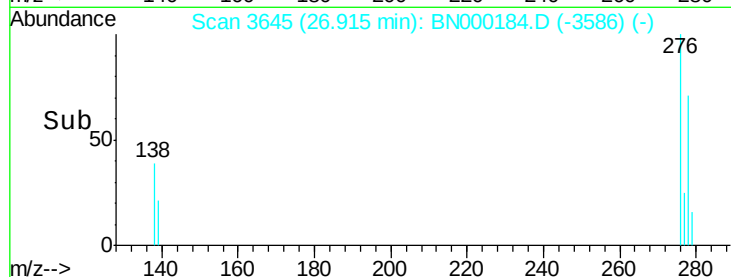
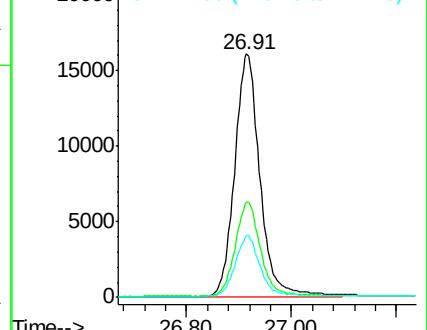
277 24.8 19.9 29.9



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. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

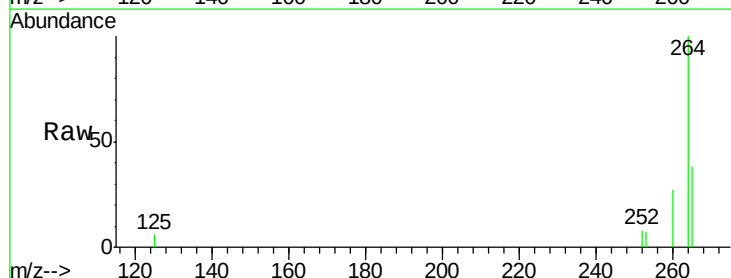
Tgt Ion:264 Resp: 15321

Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

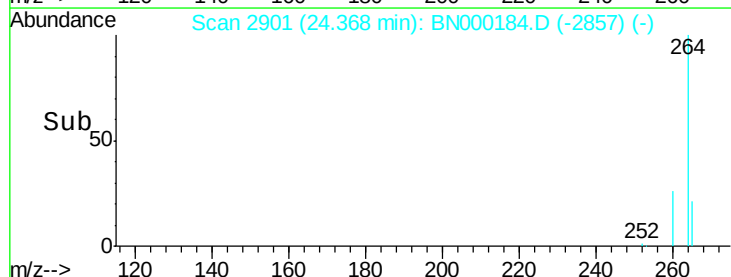
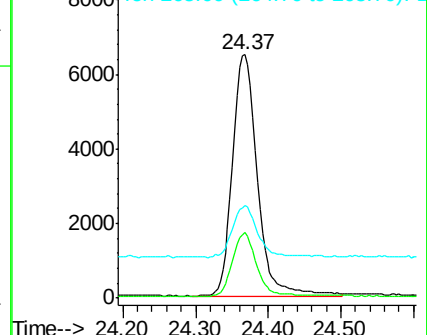
265 37.9 22.8 34.2#

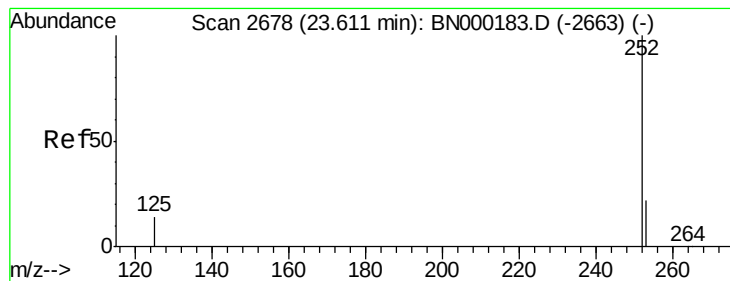


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.762 ng

RT: 23.61 min Scan# 2680

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

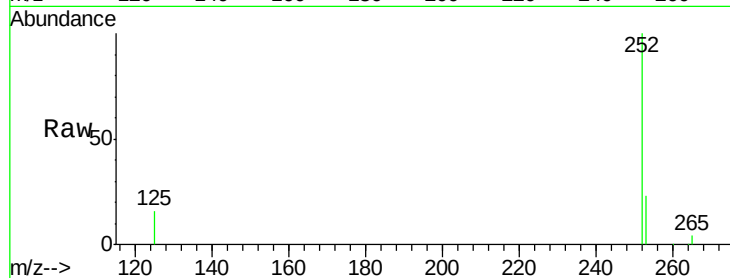
Tgt Ion:252 Resp: 53271

Ion Ratio Lower Upper

252 100

253 22.6 20.0 30.0

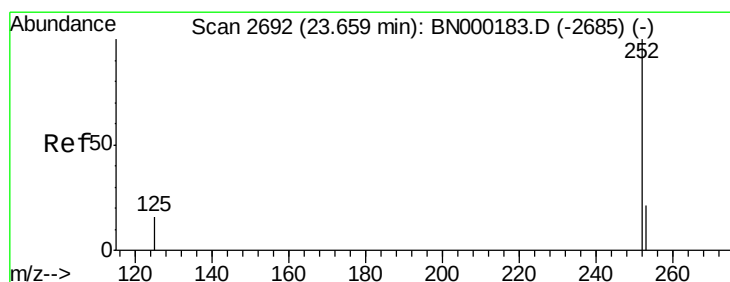
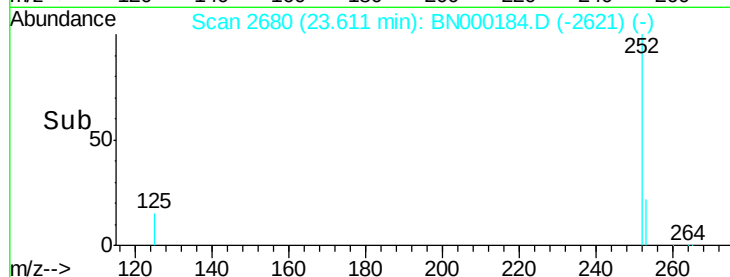
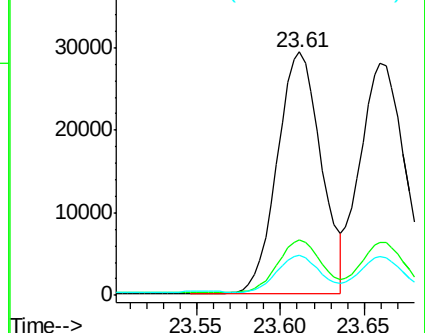
125 16.3 16.0 24.0



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



#36

Benzo(k)fluoranthene

Concen: 0.791 ng

RT: 23.66 min Scan# 2694

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

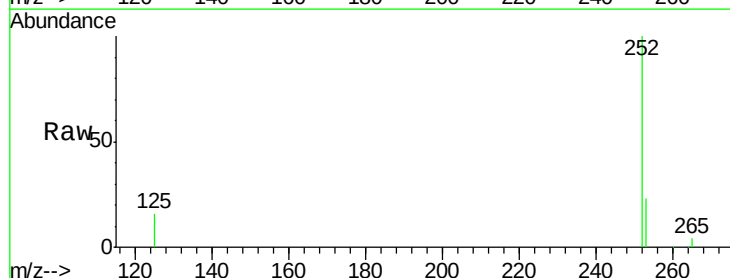
Tgt Ion:252 Resp: 54131

Ion Ratio Lower Upper

252 100

253 22.7 16.0 24.0

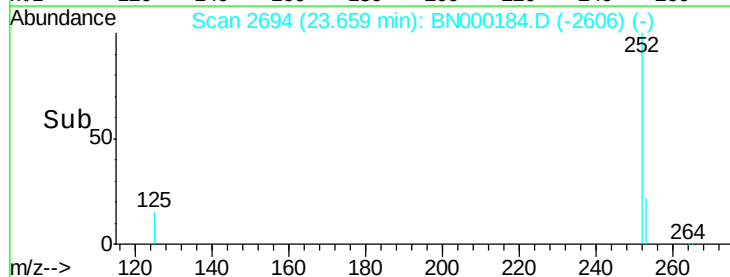
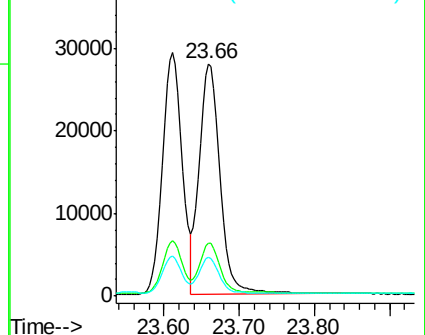
125 16.4 8.0 12.0#

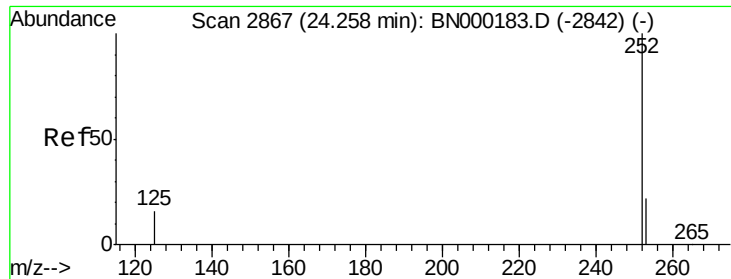


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.775 ng

RT: 24.26 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

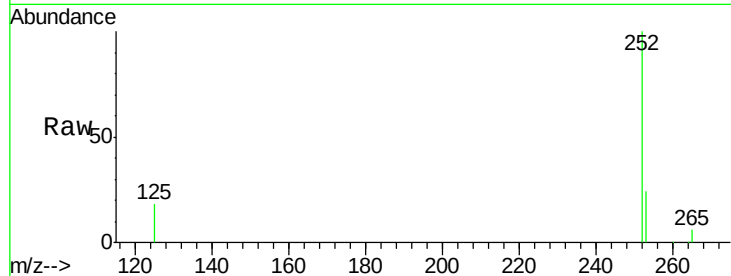
Tgt Ion:252 Resp: 44180

Ion Ratio Lower Upper

252 100

253 23.6 16.0 24.0

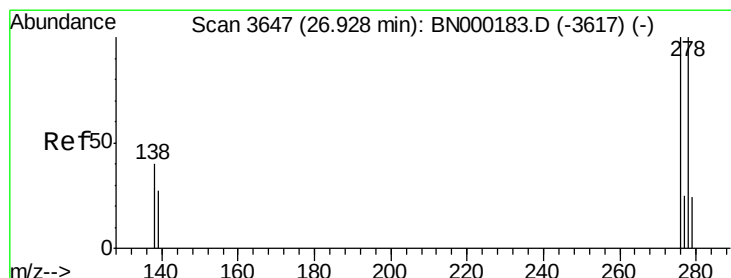
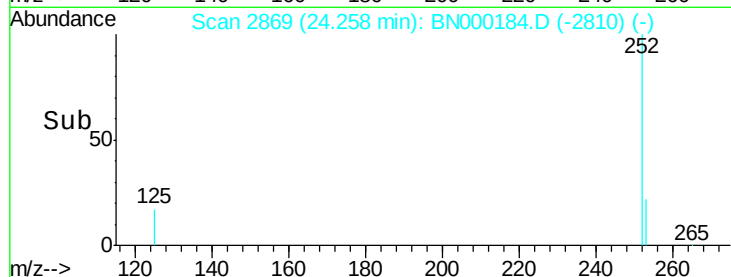
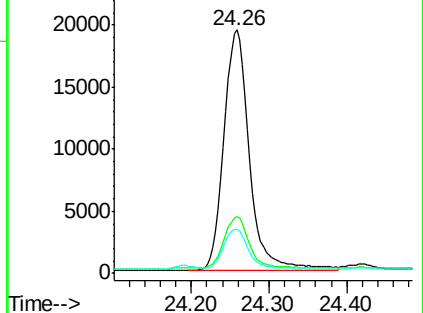
125 18.2 12.0 18.0#



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: 0.843 ng

RT: 26.92 min Scan# 3648

Delta R.T. -0.00 min

Lab File: BN000184.D

Acq: 27 Feb 2018 10:59

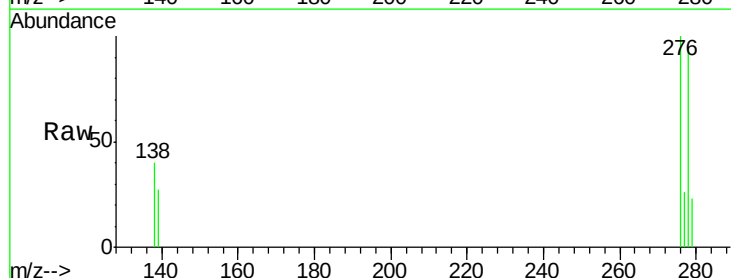
Tgt Ion:278 Resp: 42775

Ion Ratio Lower Upper

278 100

139 28.3 16.0 24.0#

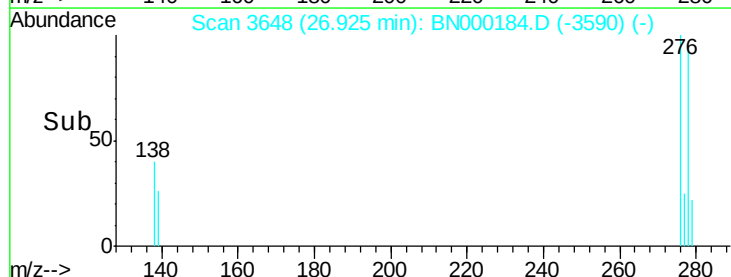
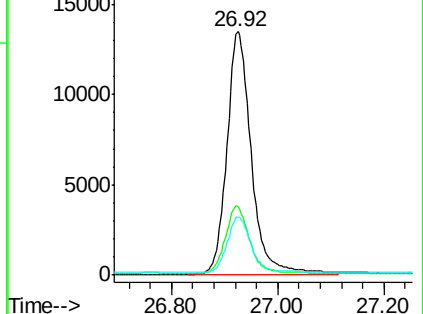
279 23.9 20.0 30.0

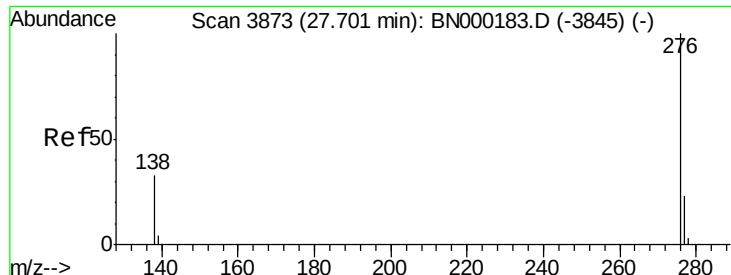


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.811 ng

RT: 27.70 min Scan# 3874

Delta R.T. -0.00 min

Lab File: BN000184.D

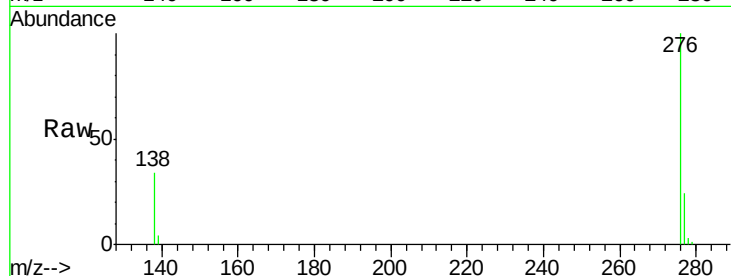
Acq: 27 Feb 2018 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8



Tgt Ion: 276 Resp: 48542

Ion Ratio Lower Upper

276 100

277 23.8 16.0 24.0

138 34.0 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

