

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000181.D
 Acq On : 27 Feb 2018 09:16
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 27 14:16:56 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	6042	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	22293	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	11048	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	25445	0.40	ng	0.00
27) Chrysene-d12	21.90	240	20732	0.40	ng	0.00
34) Perylene-d12	24.37	264	16932	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	1299	0.10	ng	0.00
5) Phenol-d6	7.58	99	1584	0.10	ng	0.00
8) Nitrobenzene-d5	9.63	82	1293	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	3308	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	308	0.08	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	5227	0.10	ng	0.00
25) Fluoranthene-d10	19.77	212	6489	0.10	ng	0.00
29) Terphenyl-d14	20.33	244	3732	0.10	ng	0.00

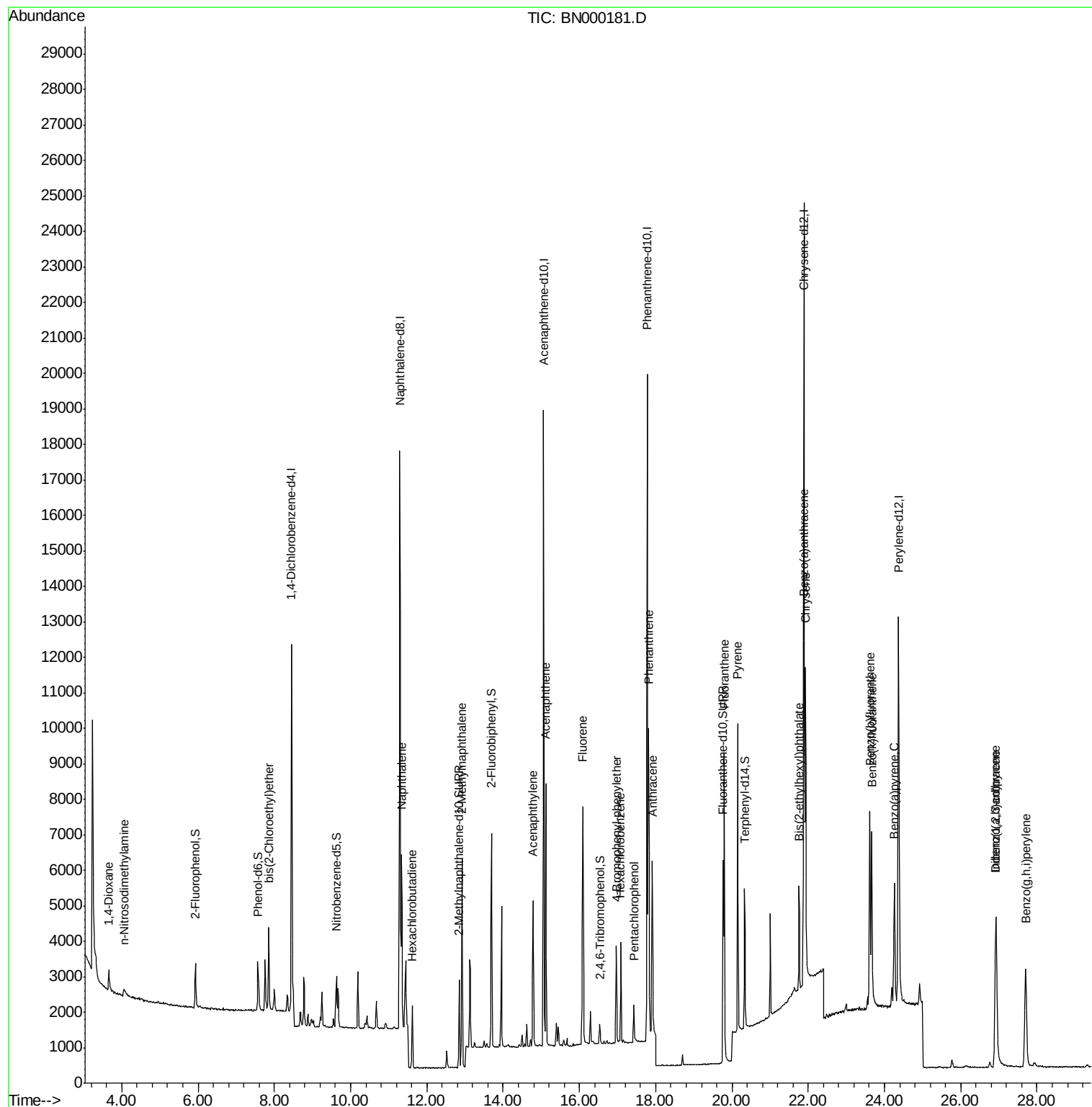
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	608	0.086	ng	94
3) n-Nitrosodimethylamine	4.05	42	203	0.044	ng	# 81
6) bis(2-Chloroethyl)ether	7.85	93	2029	0.099	ng	97
9) Naphthalene	11.34	128	6519	0.100	ng	95
10) Hexachlorobutadiene	11.62	225	1115	0.101	ng	97
12) 2-Methylnaphthalene	12.92	142	4113	0.096	ng	99
16) Acenaphthylene	14.78	152	4694	0.090	ng	100
17) Acenaphthene	15.13	154	3932	0.096	ng	95
18) Fluorene	16.09	166	4902	0.096	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	1351	0.092	ng	# 81
21) Hexachlorobenzene	17.09	284	1946	0.099	ng	95
22) Pentachlorophenol	17.43	266	633	0.121	ng	92
23) Phenanthrene	17.82	178	8712	0.097	ng	96
24) Anthracene	17.91	178	5972	0.085	ng	96
26) Fluoranthene	19.80	202	8145	0.088	ng	# 96
28) Pyrene	20.15	202	8595	0.106	ng	98
30) Benzo(a)anthracene	21.87	228	6347	0.097	ng	98
31) Chrysene	21.93	228	7653	0.100	ng	99
32) Bis(2-ethylhexyl)phthalate	21.76	149	2967	0.122	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.91	276	6104	0.086	ng	# 90
35) Benzo(b)fluoranthene	23.61	252	7538	0.098	ng	94
36) Benzo(k)fluoranthene	23.66	252	6783	0.090	ng	# 72
37) Benzo(a)pyrene	24.26	252	5709	0.091	ng	# 69
38) Dibenzo(a,h)anthracene	26.93	278	4354	0.078	ng	# 78
39) Benzo(g,h,i)perylene	27.70	276	6108	0.092	ng	# 81

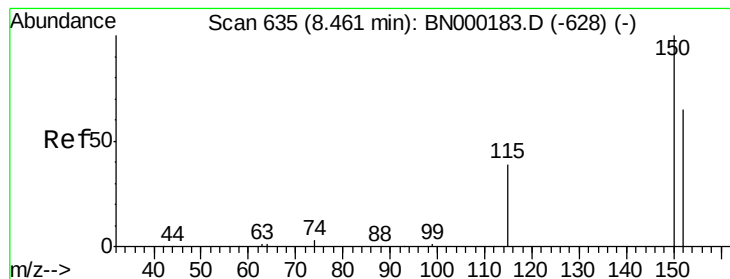
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
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QLast Update : Tue Feb 27 14:08:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 635

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

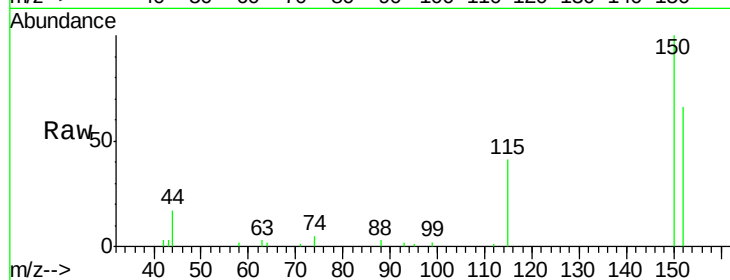
Tgt Ion:152 Resp: 6042

Ion Ratio Lower Upper

152 100

150 152.0 117.2 175.8

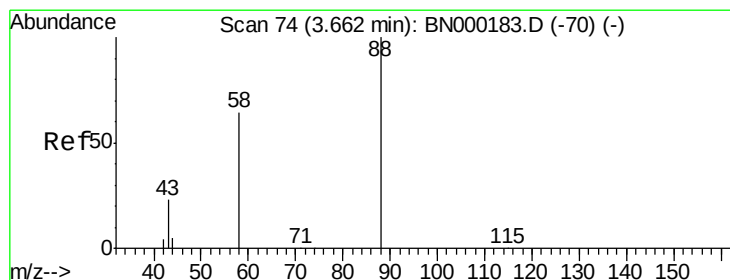
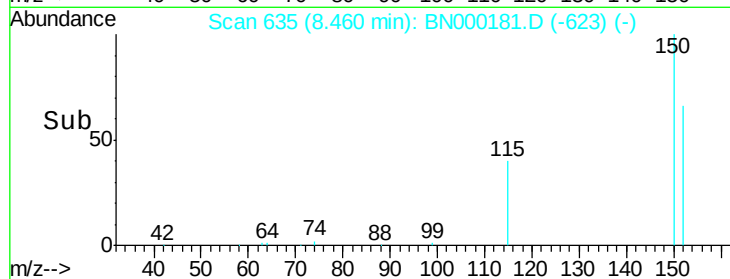
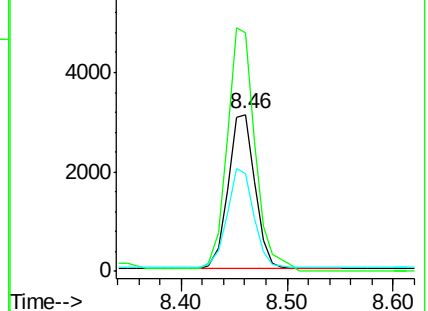
115 62.1 57.0 85.6



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: 0.086 ng

RT: 3.66 min Scan# 74

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

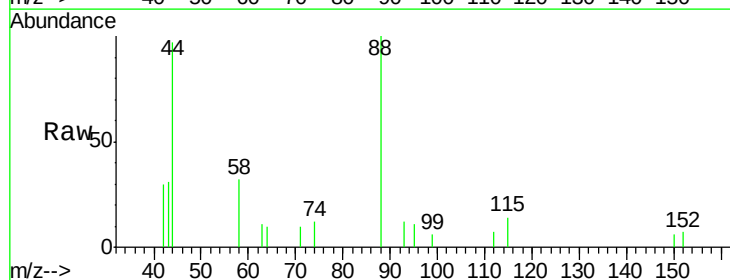
Tgt Ion: 88 Resp: 608

Ion Ratio Lower Upper

88 100

58 65.1 48.0 72.0

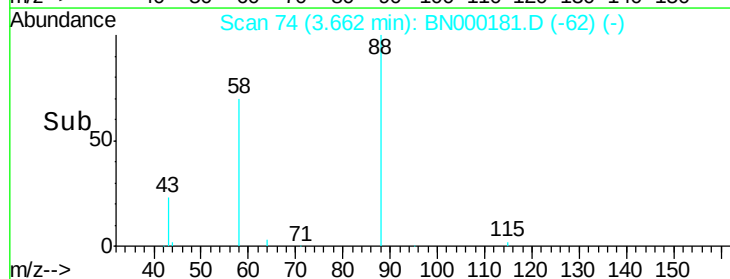
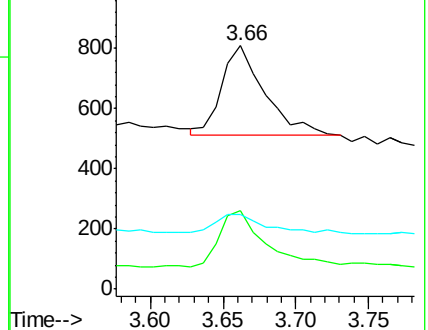
43 23.5 20.0 30.0

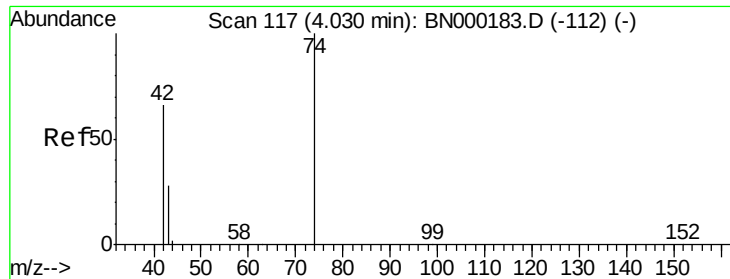


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



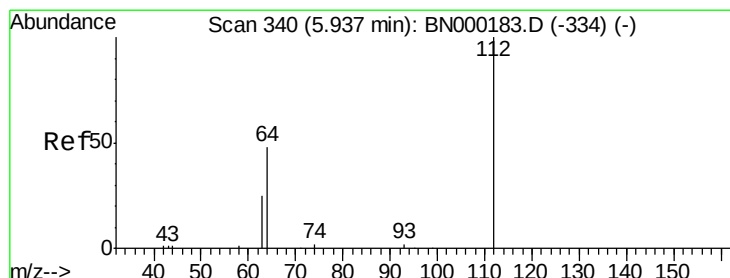
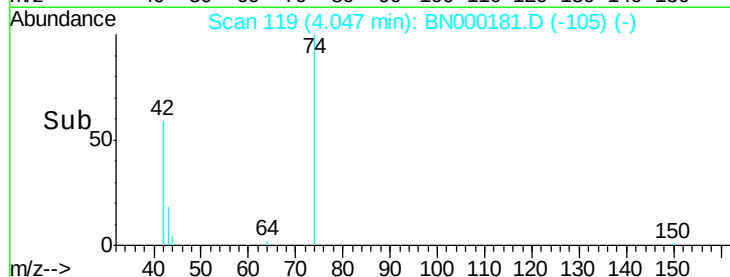
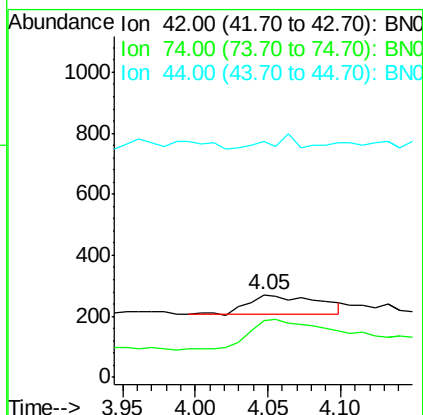
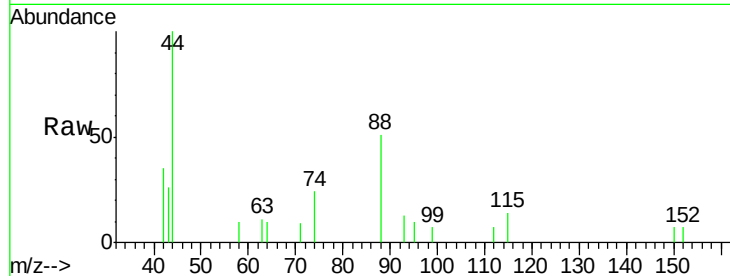


#3

n-Nitrosodimethylamine
 Concen: 0.044 ng
 RT: 4.05 min Scan# 119
 Delta R.T. 0.02 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

Instrument :
 BNA_N
 ClientSampleId :

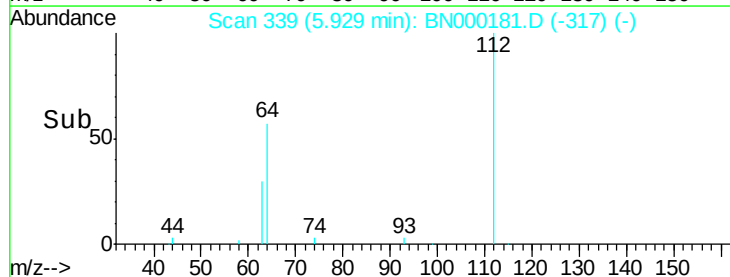
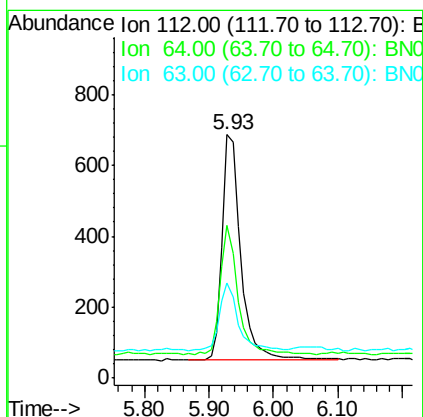
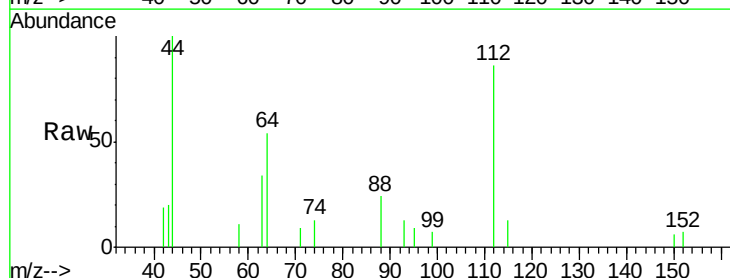
Tgt Ion: 42 Resp: 203
 Ion Ratio Lower Upper
 42 100
 74 171.4 120.0 180.0
 44 35.5 4.0 6.0#

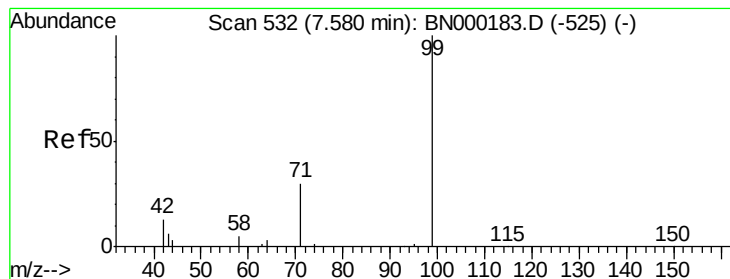


#4

2-Fluorophenol
 Concen: 0.102 ng
 RT: 5.93 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

Tgt Ion: 112 Resp: 1299
 Ion Ratio Lower Upper
 112 100
 64 54.6 60.1 90.1#
 63 29.3 116.8 175.2#





#5

Phenol-d6

Concen: 0.098 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

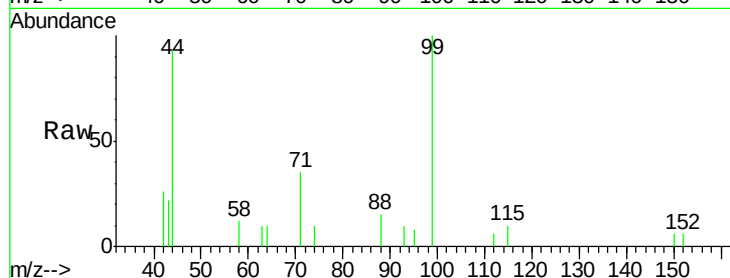
Tgt Ion: 99 Resp: 1584

Ion Ratio Lower Upper

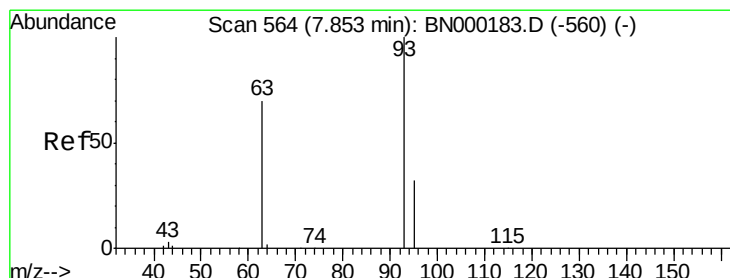
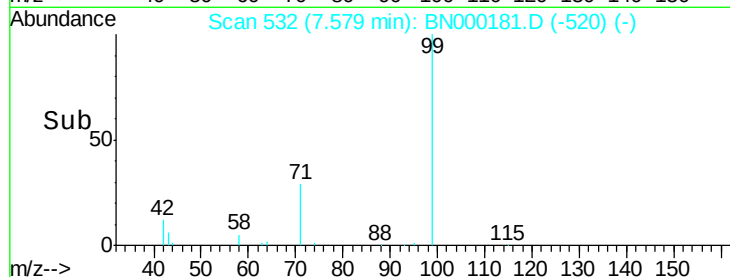
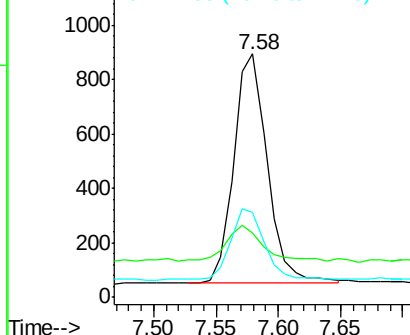
99 100

42 17.3 20.2 30.2#

71 30.9 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: 0.099 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

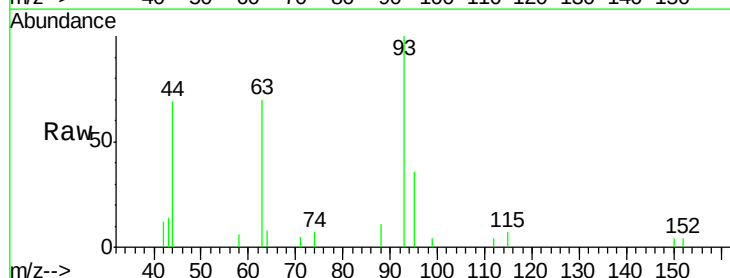
Tgt Ion: 93 Resp: 2029

Ion Ratio Lower Upper

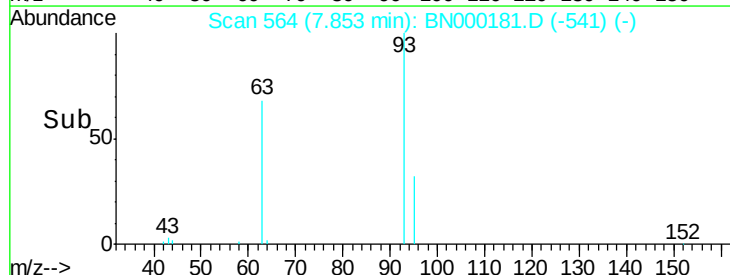
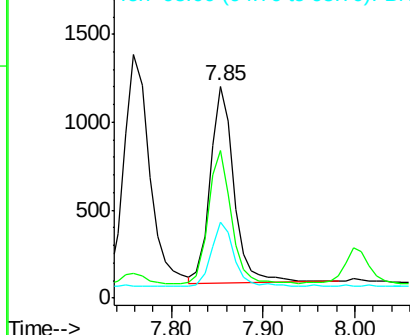
93 100

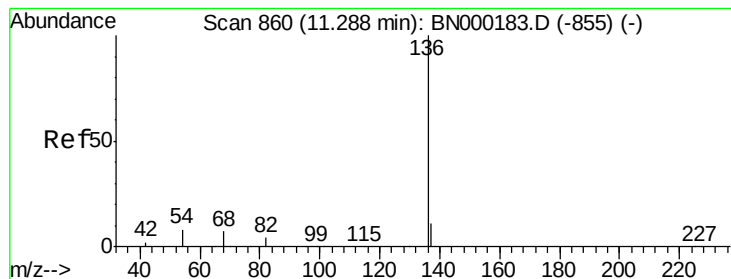
63 66.4 56.0 84.0

95 31.6 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: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:136 Resp: 22293

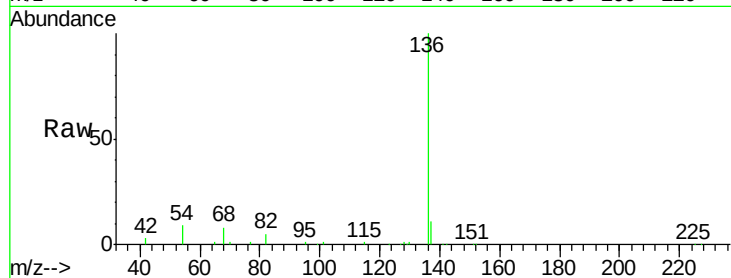
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 8.6 29.1 43.7#

68 7.7 6.2 9.2

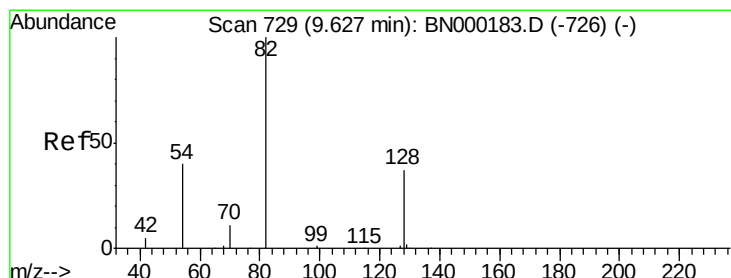
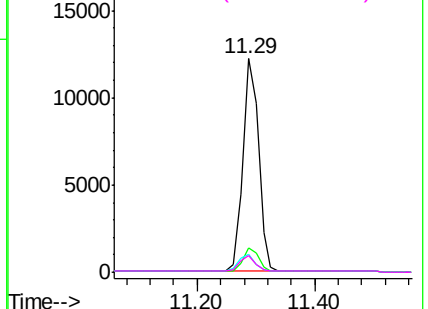
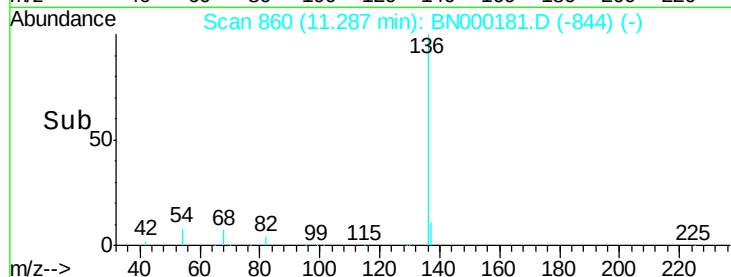


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.098 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

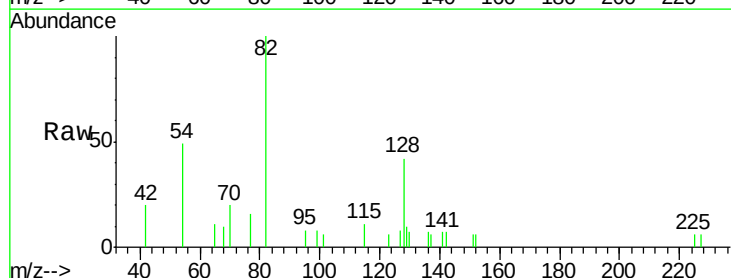
Tgt Ion: 82 Resp: 1293

Ion Ratio Lower Upper

82 100

128 41.6 150.0 225.0#

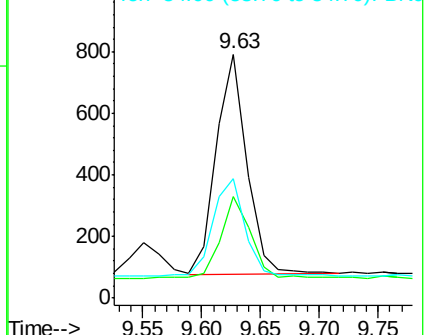
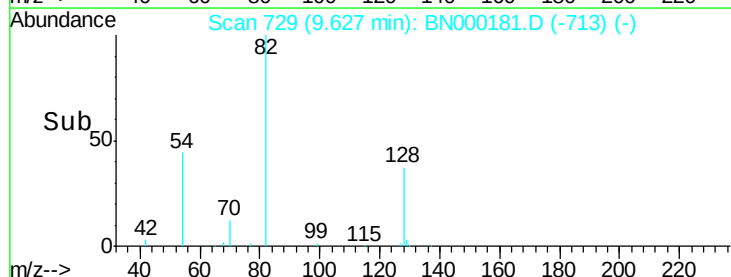
54 49.1 154.2 231.4#

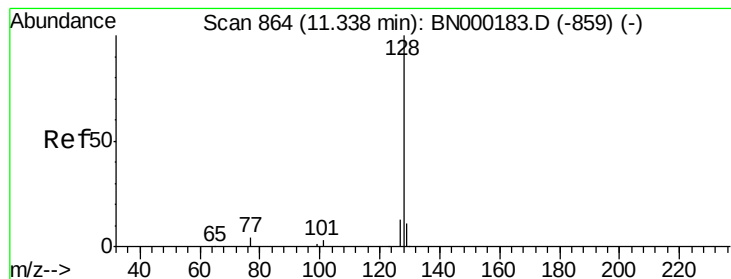


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.100 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

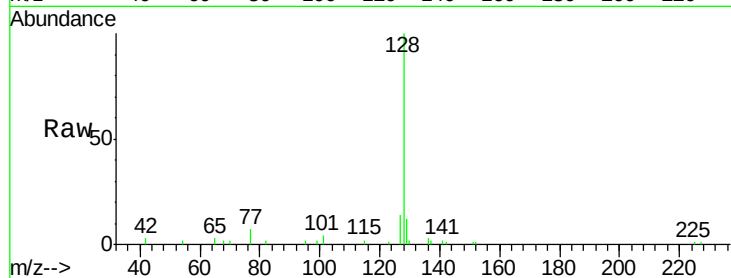
Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :



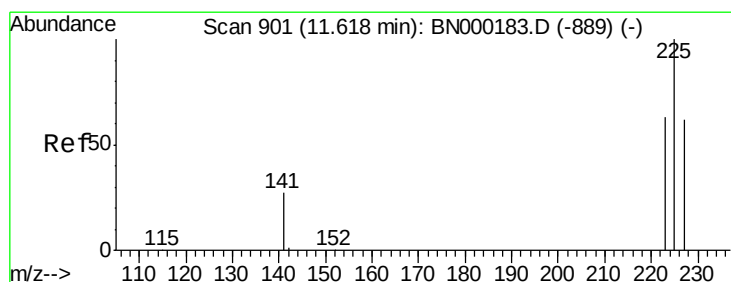
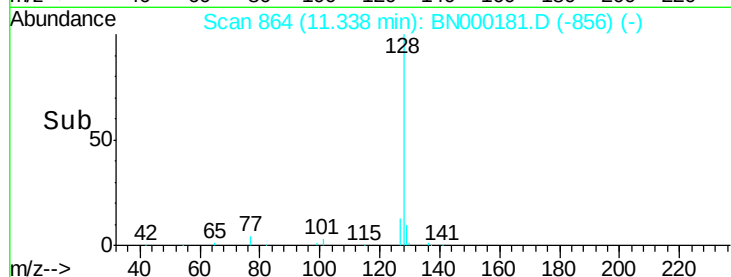
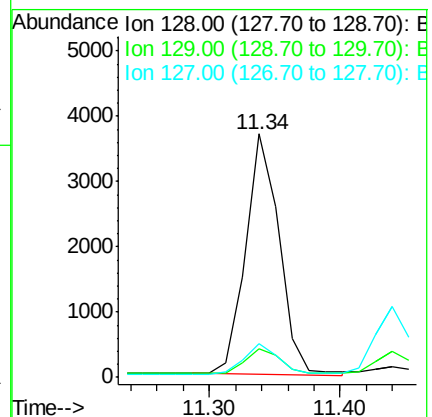
Tgt Ion:128 Resp: 6519

Ion Ratio Lower Upper

128 100

129 11.8 8.0 12.0

127 14.1 9.6 14.4



#10

Hexachlorobutadiene

Concen: 0.101 ng

RT: 11.62 min Scan# 901

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

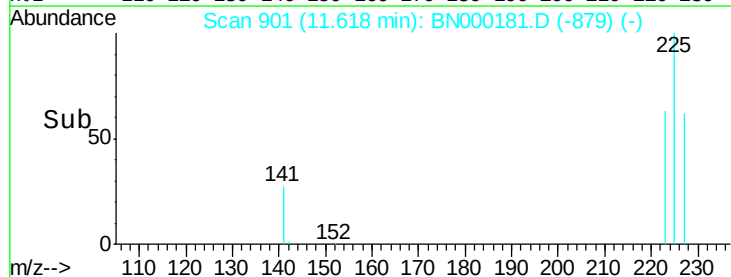
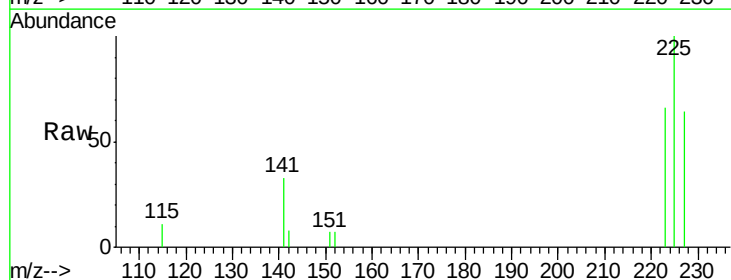
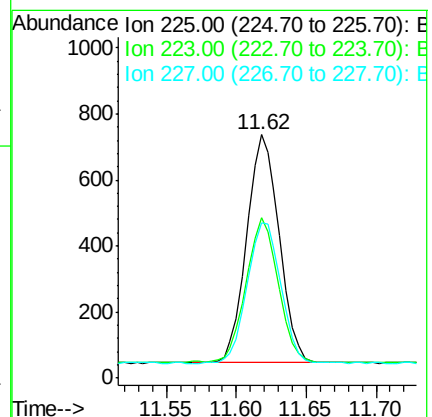
Tgt Ion:225 Resp: 1115

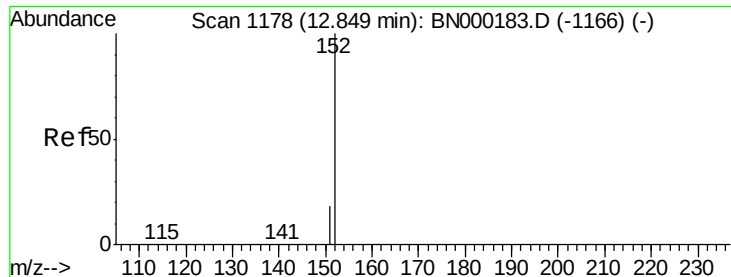
Ion Ratio Lower Upper

225 100

223 62.3 53.0 79.6

227 63.7 51.4 77.2

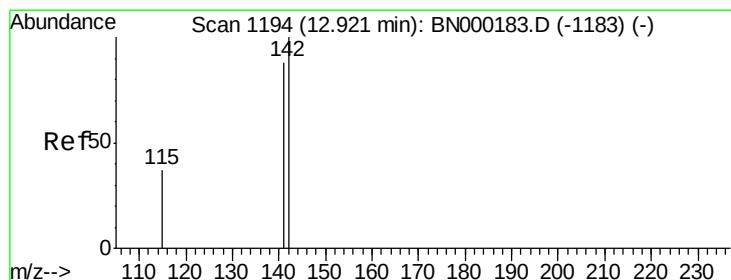
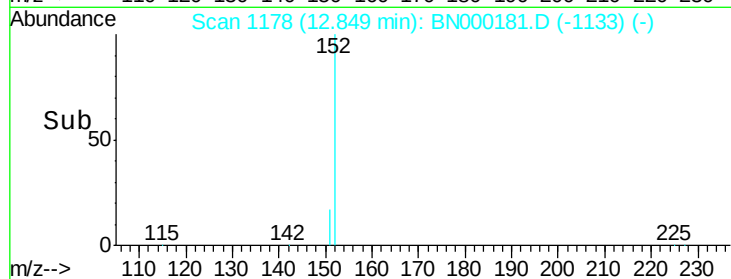
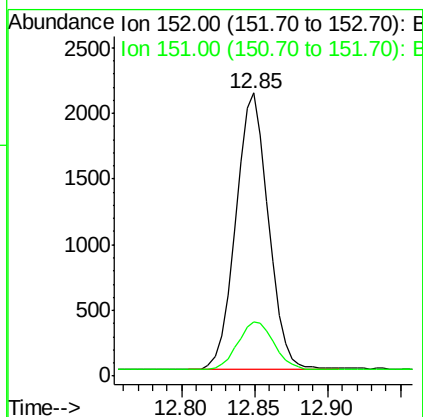
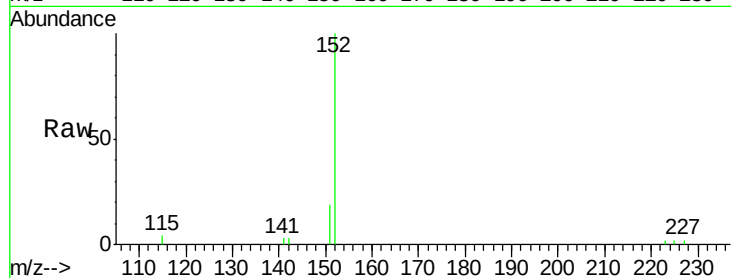




#11
 2-Methylnaphthalene-d10
 Concen: 0.099 ng
 RT: 12.85 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

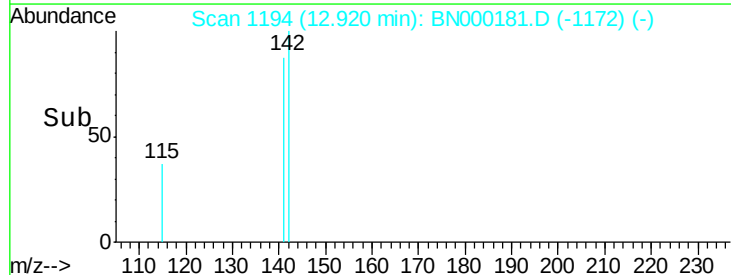
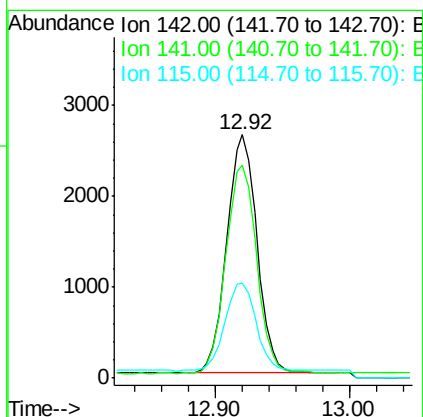
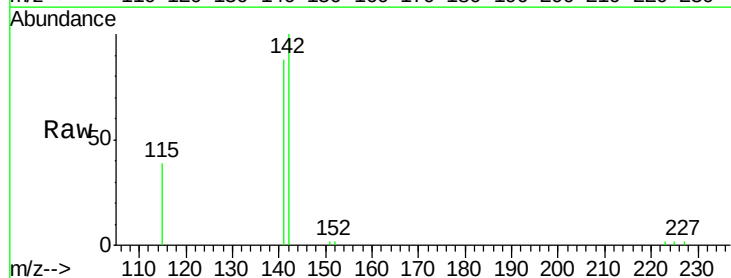
Instrument :
 BNA_N
 ClientSampleId :

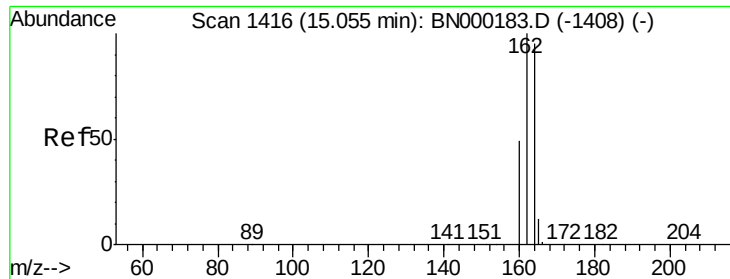
Tgt Ion:152 Resp: 3308
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.096 ng
 RT: 12.92 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

Tgt Ion:142 Resp: 4113
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.4 105.6
 115 39.2 31.7 47.5

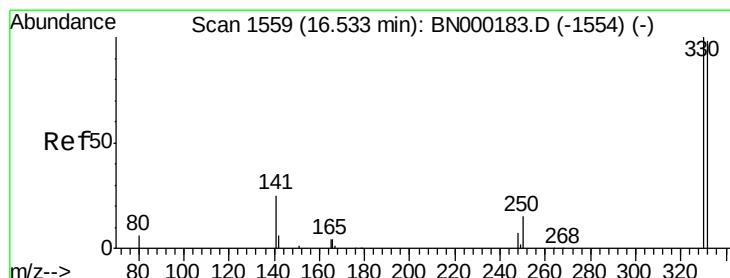
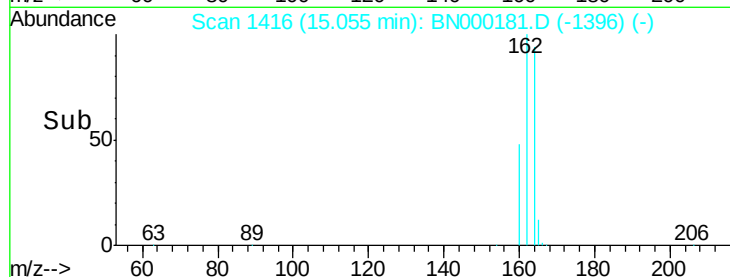
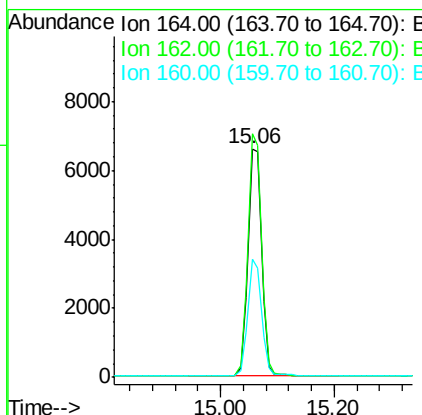
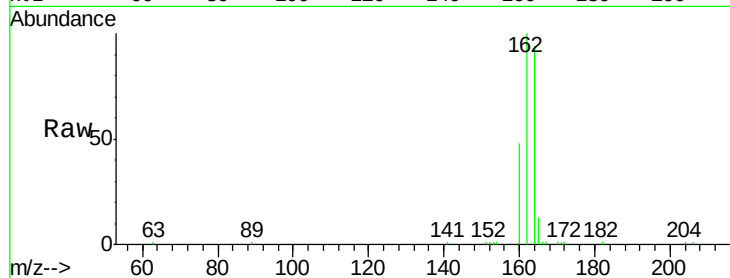




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

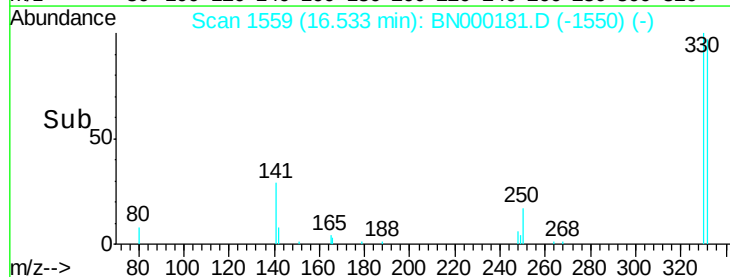
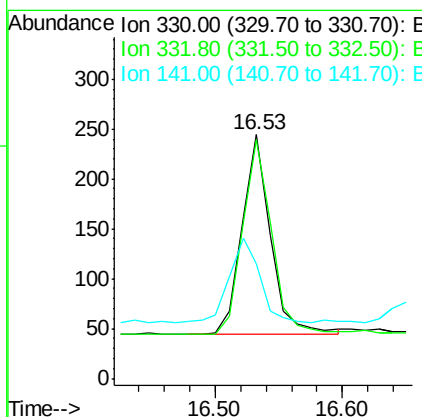
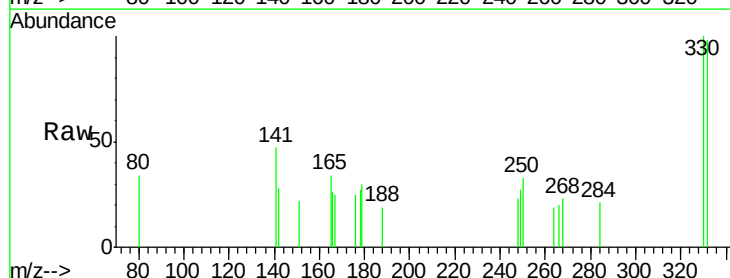
Instrument :
BNA_N
ClientSampleId :

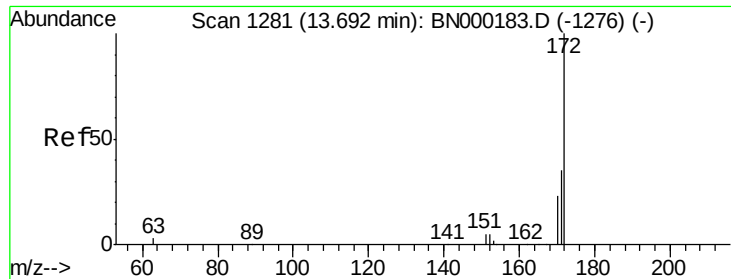
Tgt Ion:164 Resp: 11048
Ion Ratio Lower Upper
164 100
162 106.7 83.1 124.7
160 51.7 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 16.53 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:330 Resp: 308
Ion Ratio Lower Upper
330 100
332 101.3 152.7 229.1#
141 45.1 33.7 50.5

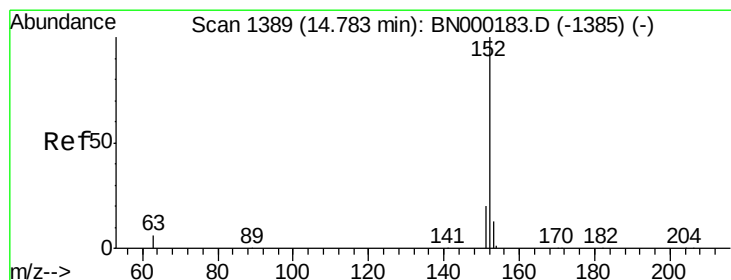
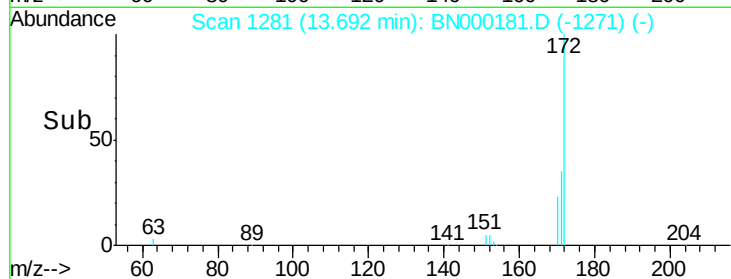
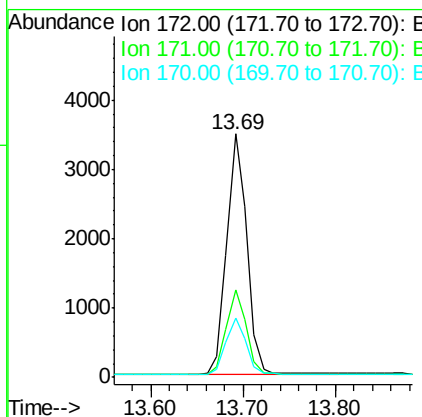
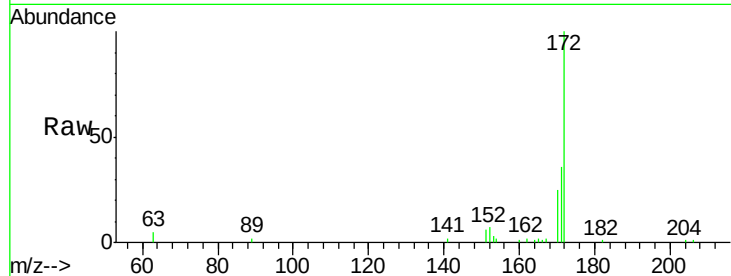




#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

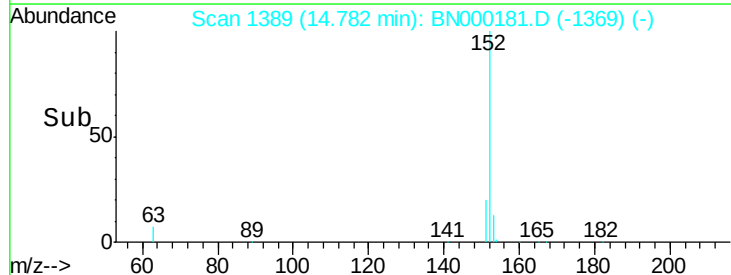
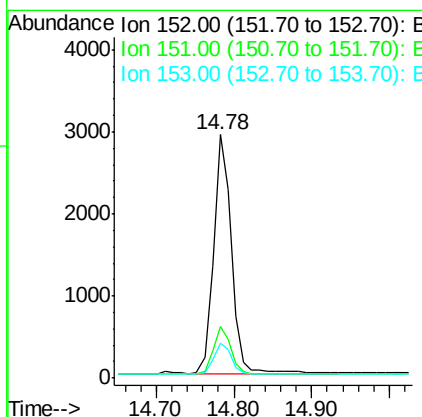
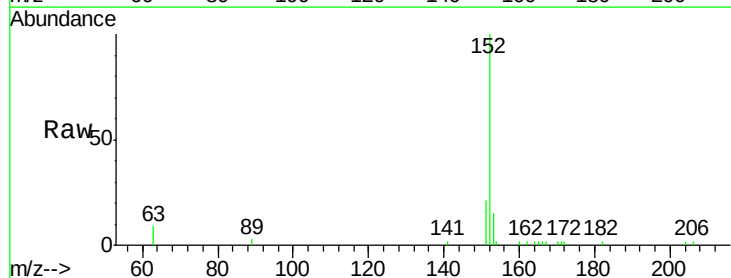
Instrument :
BNA_N
ClientSampleId :

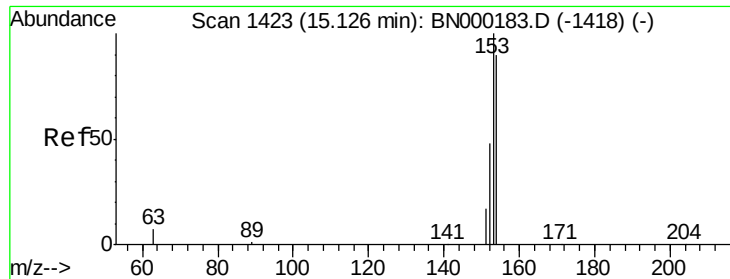
Tgt Ion:172 Resp: 5227
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 24.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.090 ng
RT: 14.78 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:152 Resp: 4694
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.096 ng

RT: 15.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

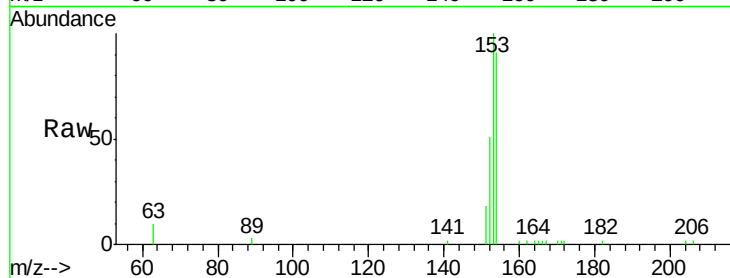
Tgt Ion:154 Resp: 3932

Ion Ratio Lower Upper

154 100

153 115.1 89.2 133.8

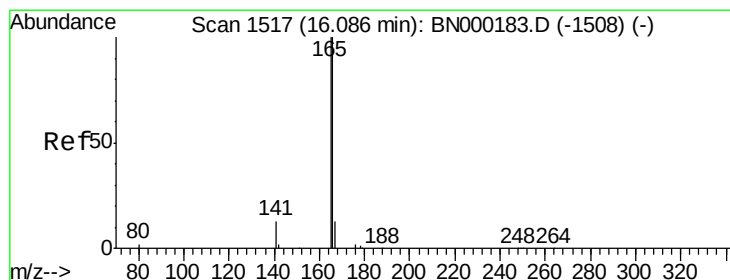
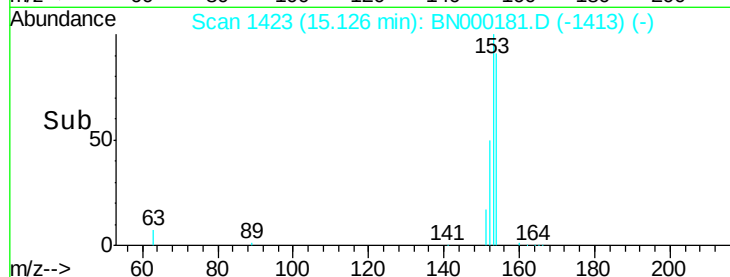
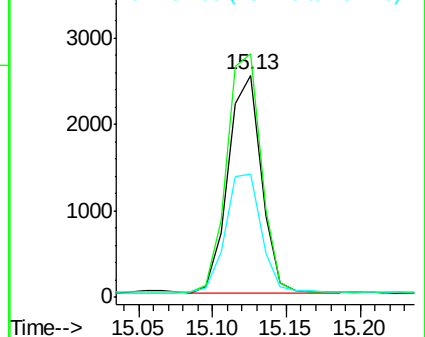
152 58.3 42.0 63.0



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: 0.096 ng

RT: 16.09 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

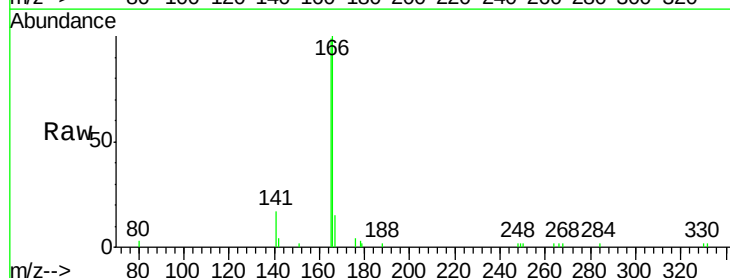
Tgt Ion:166 Resp: 4902

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.6

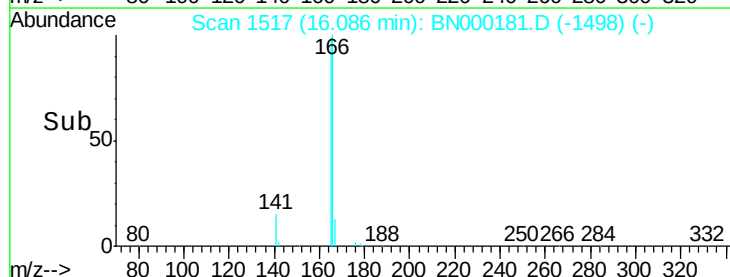
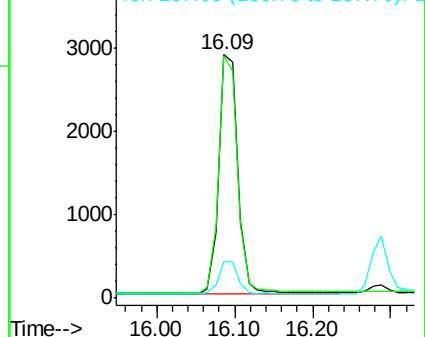
167 13.8 42.4 63.6#

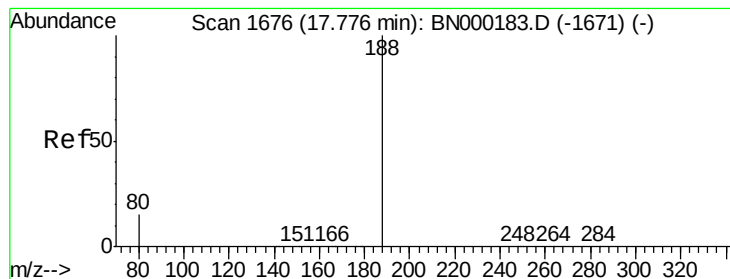


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

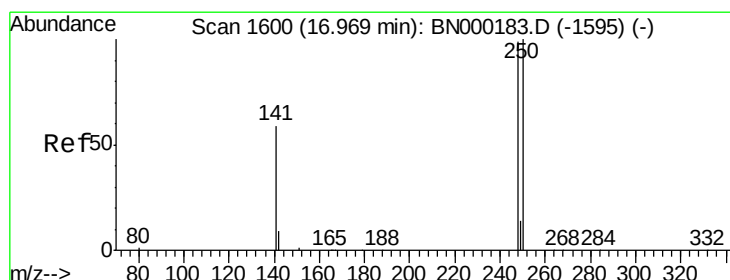
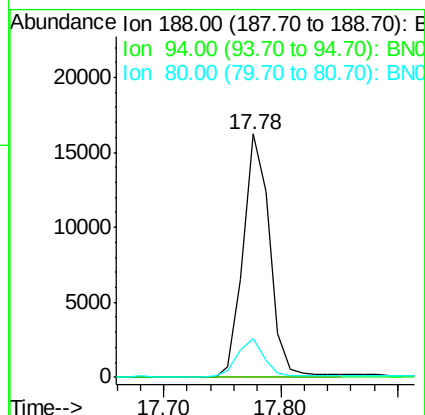
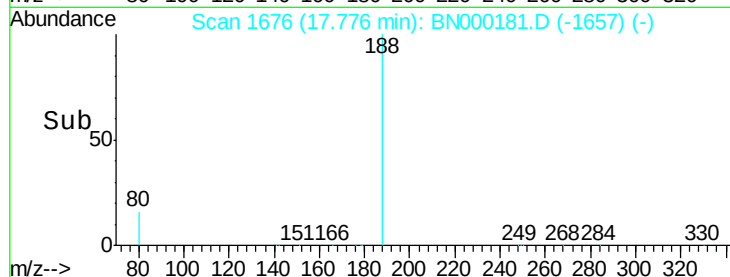
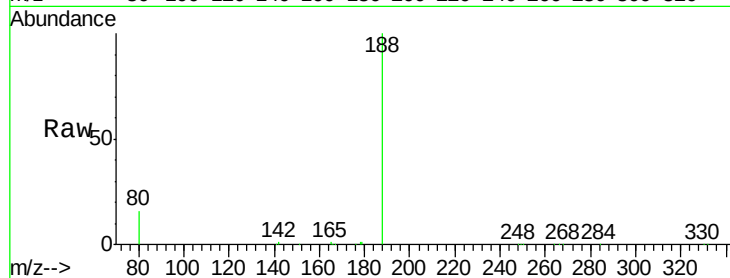
Tgt Ion:188 Resp: 25445

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 15.9 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.092 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

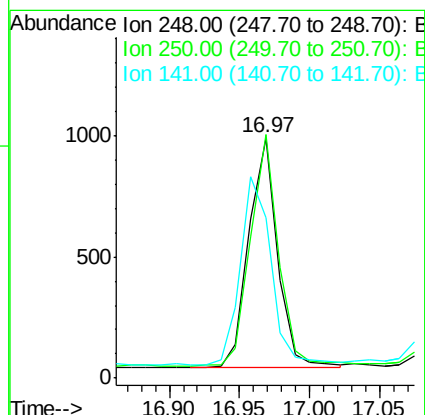
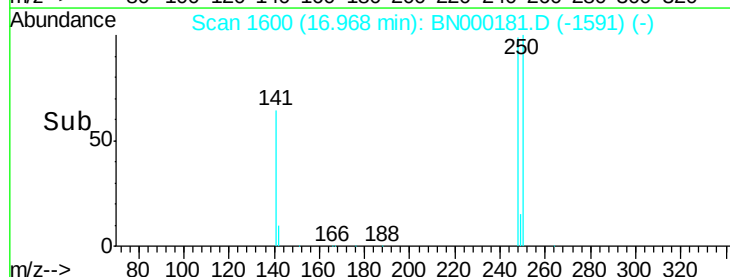
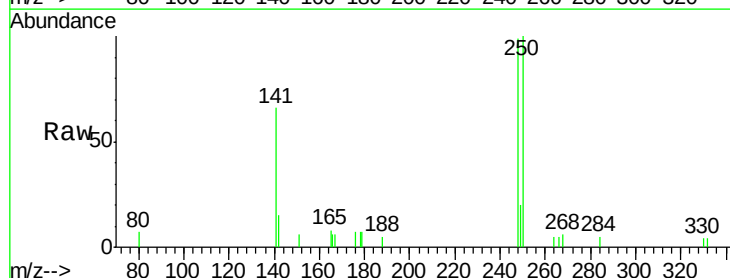
Tgt Ion:248 Resp: 1351

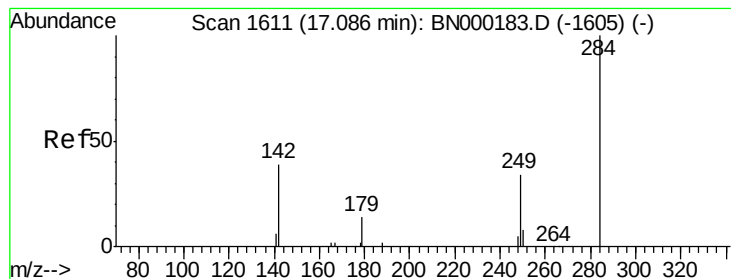
Ion Ratio Lower Upper

248 100

250 101.3 62.7 94.1#

141 66.6 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.099 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

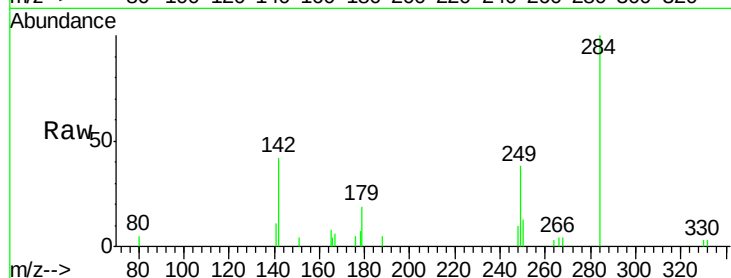
Tgt Ion:284 Resp: 1946

Ion Ratio Lower Upper

284 100

142 42.2 32.0 48.0

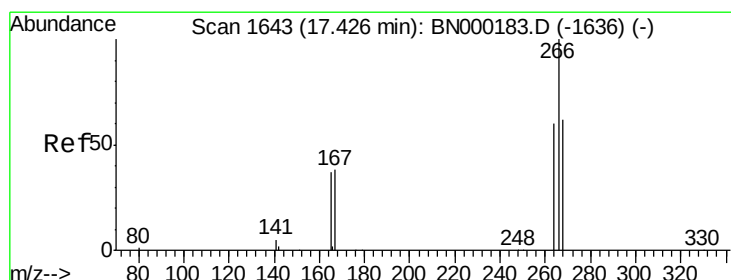
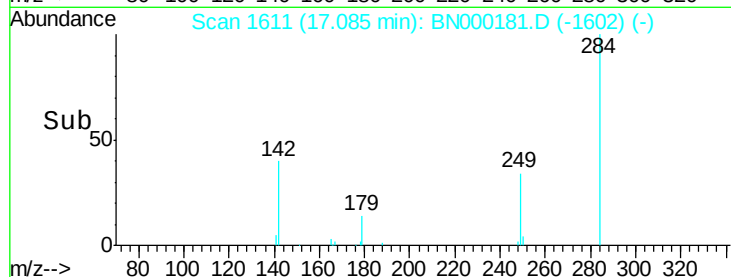
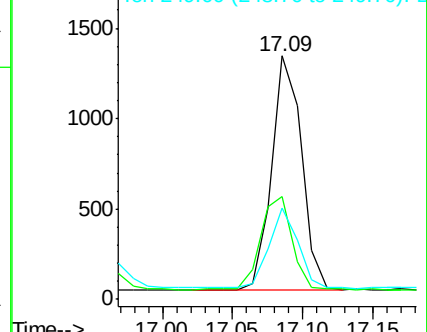
249 33.4 24.0 36.0



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: 0.121 ng

RT: 17.43 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

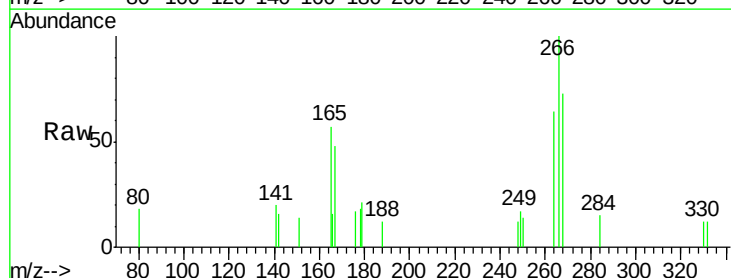
Tgt Ion:266 Resp: 633

Ion Ratio Lower Upper

266 100

264 64.3 48.0 72.0

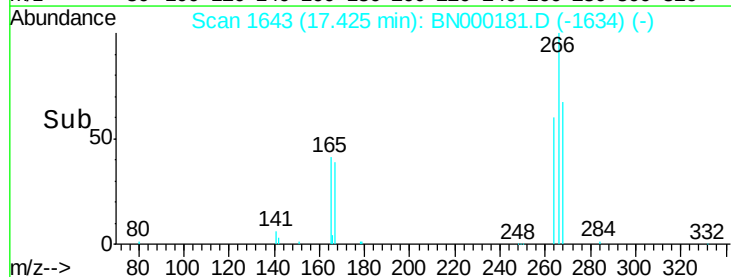
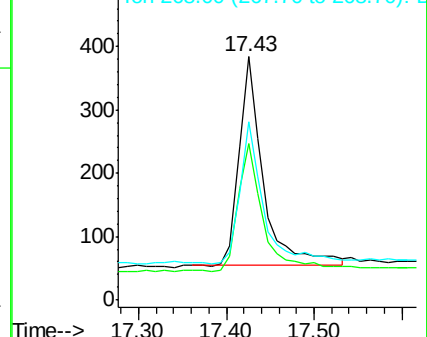
268 73.2 52.0 78.0

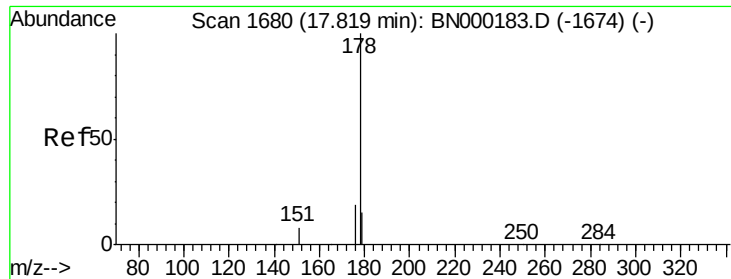


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.097 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

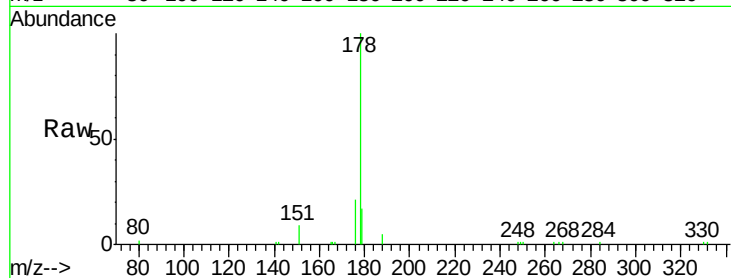
Tgt Ion:178 Resp: 8712

Ion Ratio Lower Upper

178 100

176 20.4 15.1 22.7

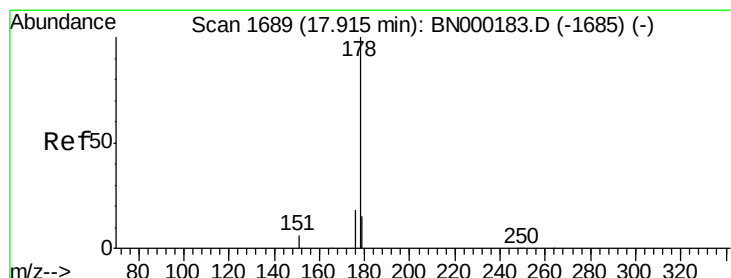
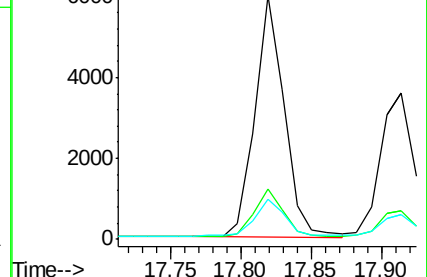
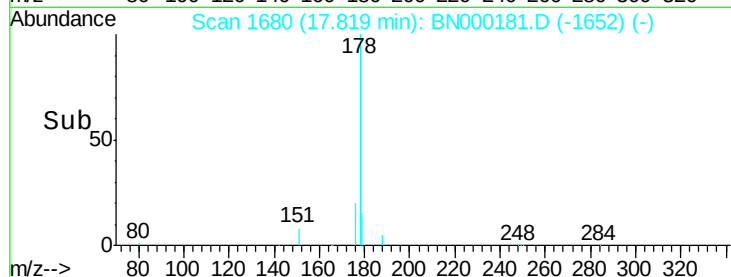
179 16.8 11.8 17.6



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: 0.085 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

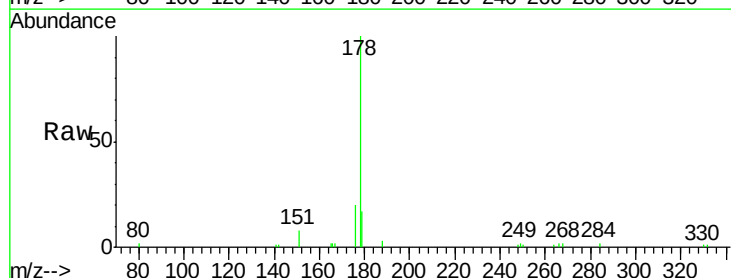
Tgt Ion:178 Resp: 5972

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

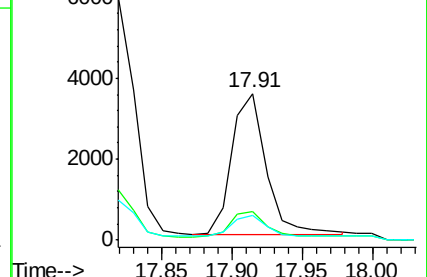
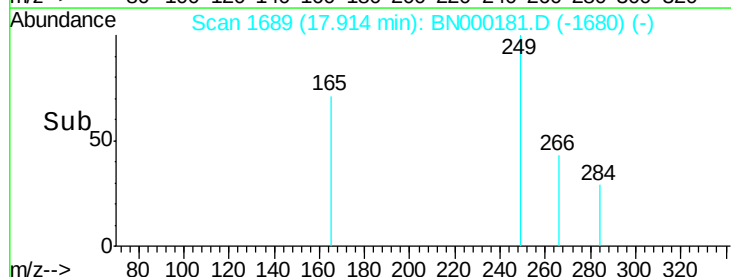
179 14.9 13.0 19.6

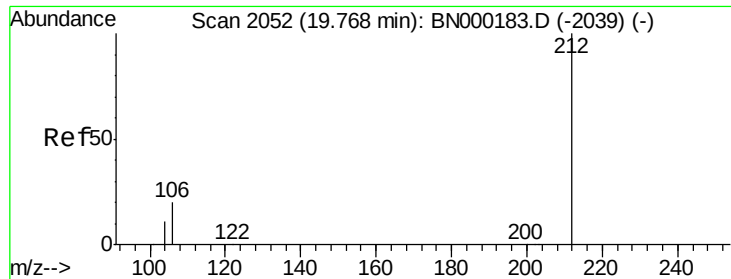


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.095 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000181.D

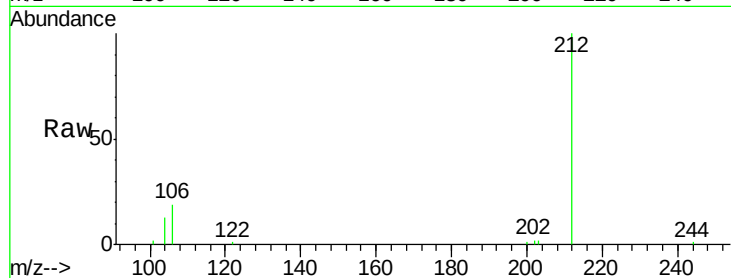
Acq: 27 Feb 2018 09:16

Instrument :

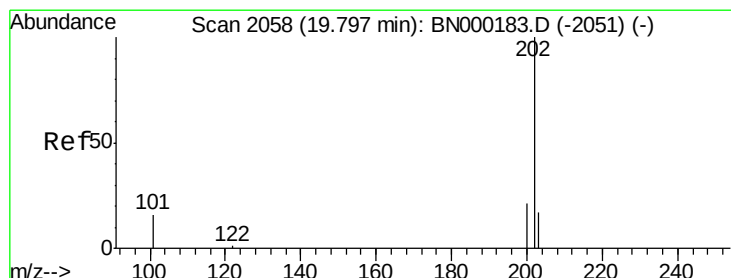
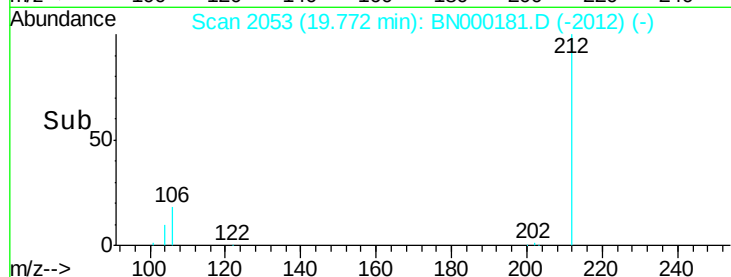
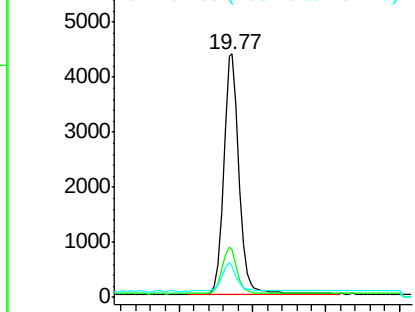
BNA_N

ClientSampleId :

Tgt Ion:	212	Resp:	6489
Ion Ratio	Lower	Upper	
212	100		
106	19.0	2.8	4.2#
104	11.1	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: 0.088 ng

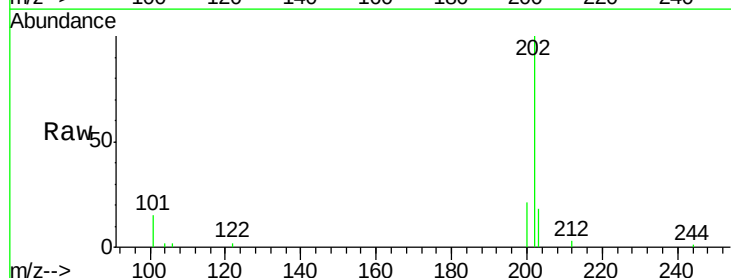
RT: 19.80 min Scan# 2059

Delta R.T. 0.00 min

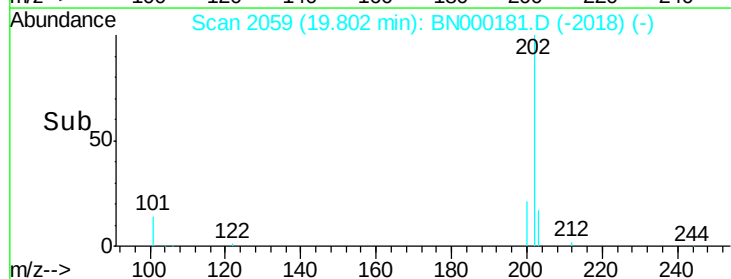
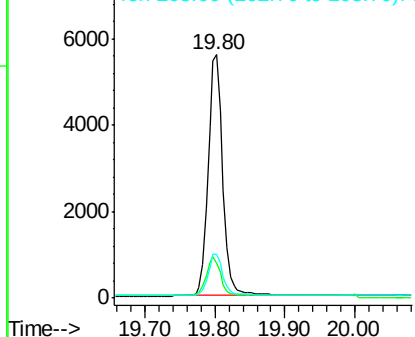
Lab File: BN000181.D

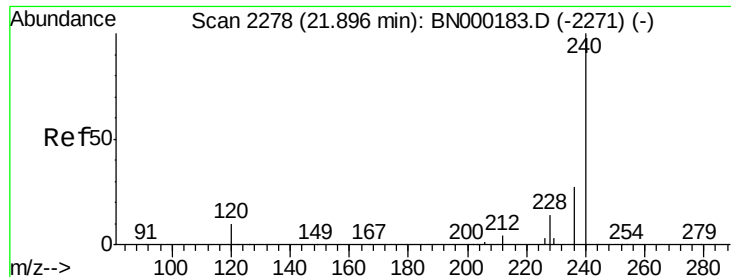
Acq: 27 Feb 2018 09:16

Tgt Ion:	202	Resp:	8145
Ion Ratio	Lower	Upper	
202	100		
101	15.7	9.8	14.8#
203	16.7	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: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

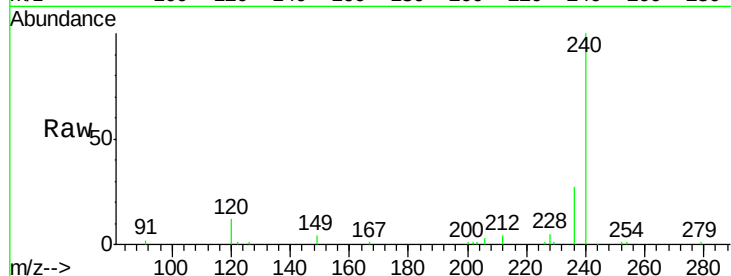
Tgt Ion:240 Resp: 20732

Ion Ratio Lower Upper

240 100

120 12.3 5.5 8.3#

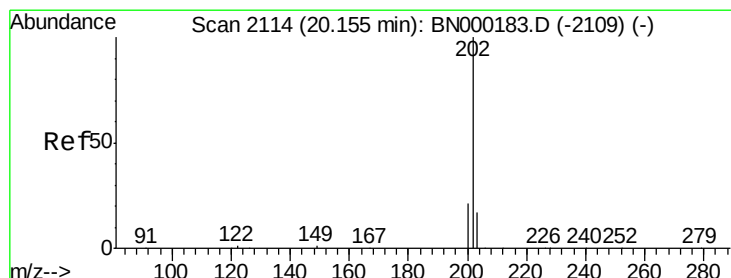
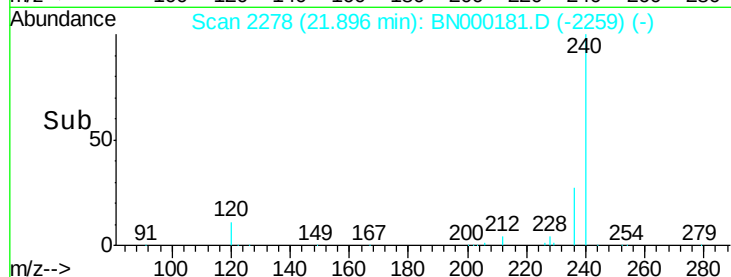
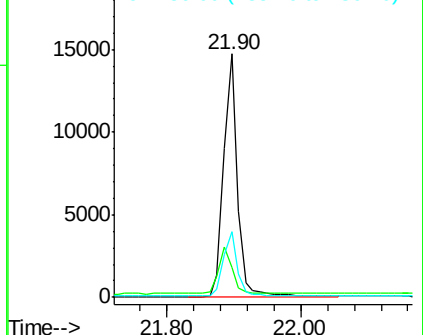
236 27.0 20.7 31.1



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: 0.106 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

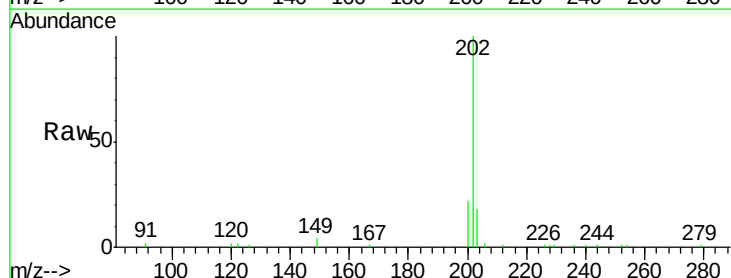
Tgt Ion:202 Resp: 8595

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

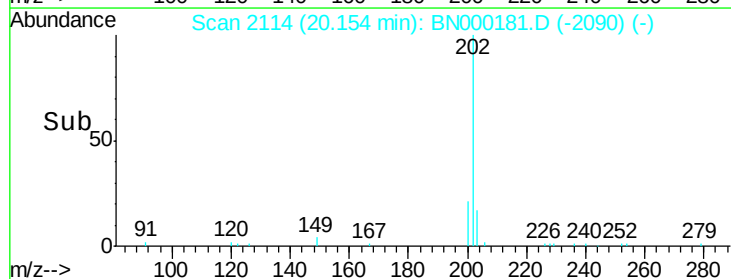
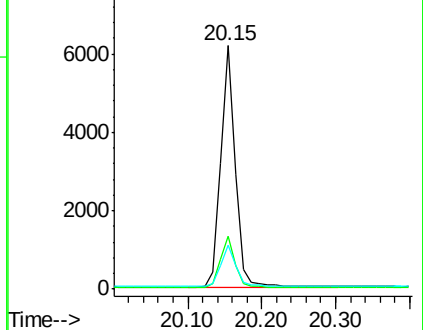
203 18.3 13.8 20.8

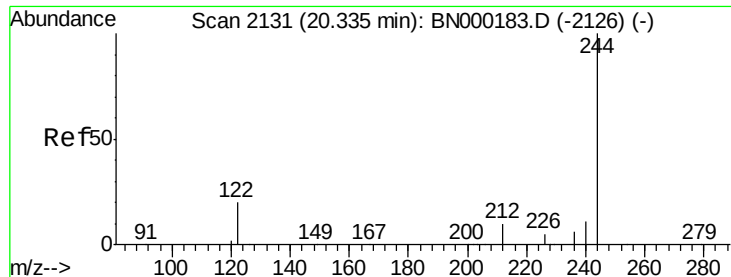


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.102 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

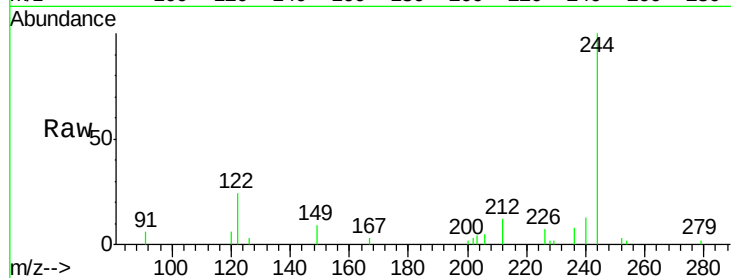
Tgt Ion:244 Resp: 3732

Ion Ratio Lower Upper

244 100

212 12.2 25.4 38.0#

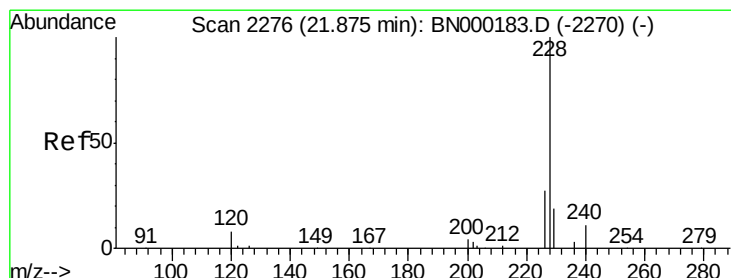
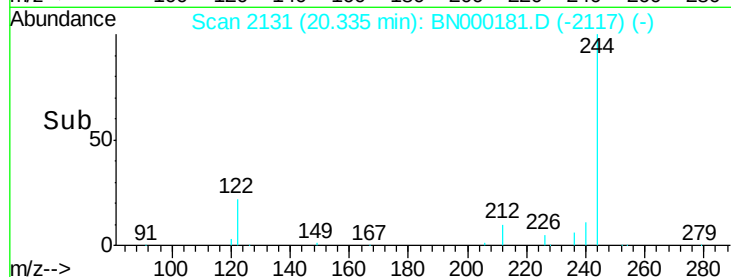
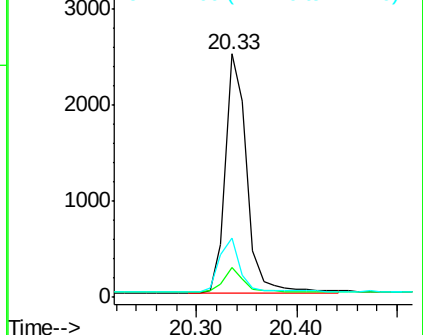
122 24.2 8.1 12.1#



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: 0.097 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

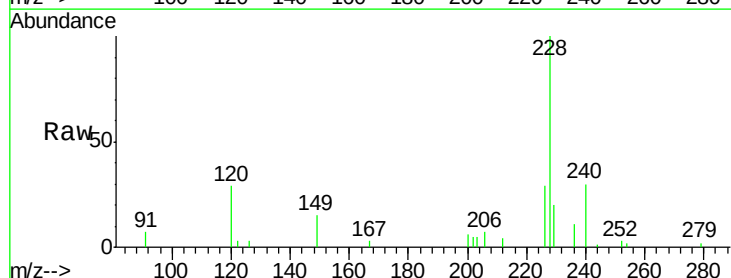
Tgt Ion:228 Resp: 6347

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

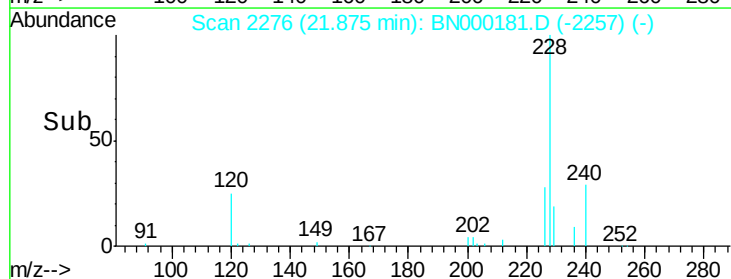
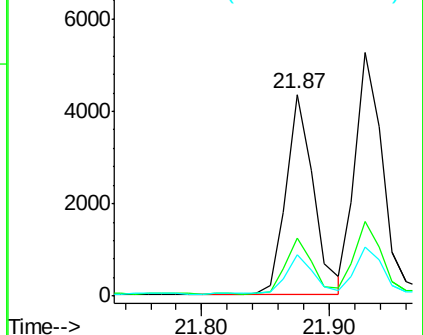
229 20.3 16.0 24.0

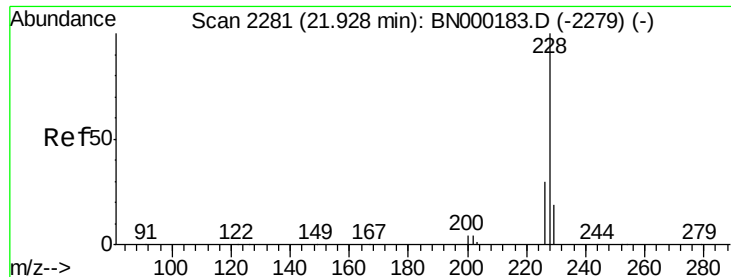


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.100 ng

RT: 21.93 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

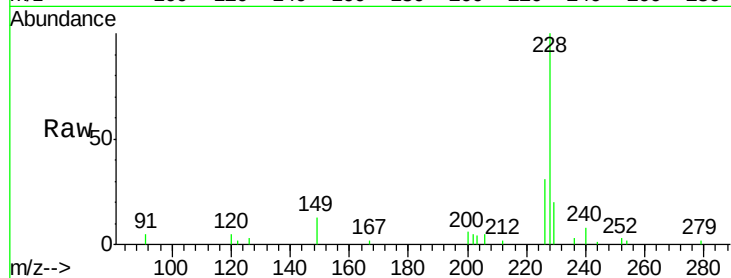
Tgt Ion:228 Resp: 7653

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

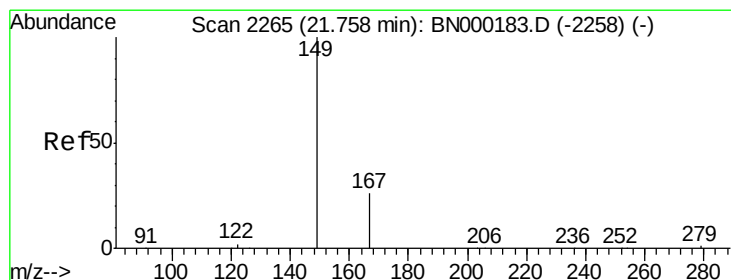
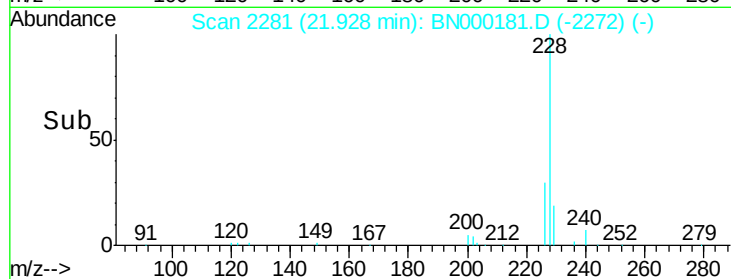
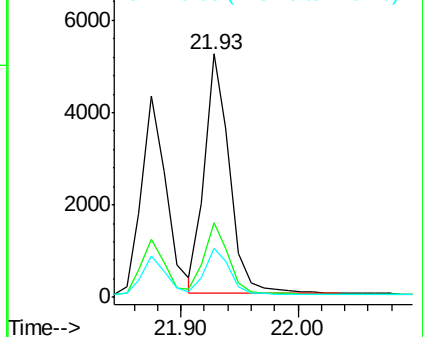
229 20.0 16.0 24.0



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: 0.122 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

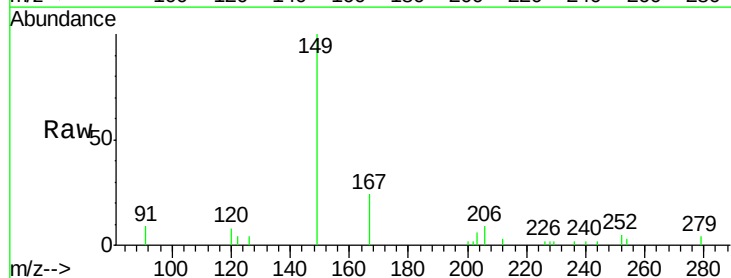
Tgt Ion:149 Resp: 2967

Ion Ratio Lower Upper

149 100

167 26.4 20.0 30.0

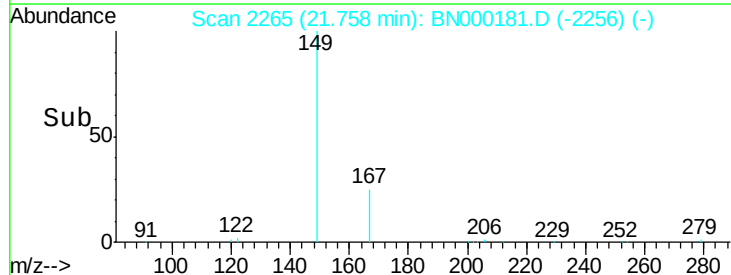
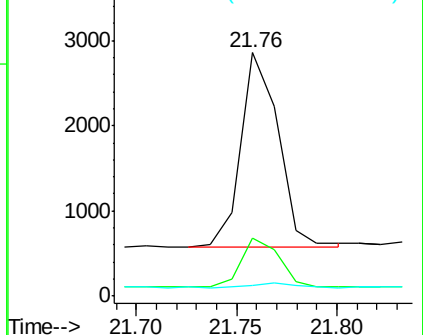
279 3.0 1.6 2.4#

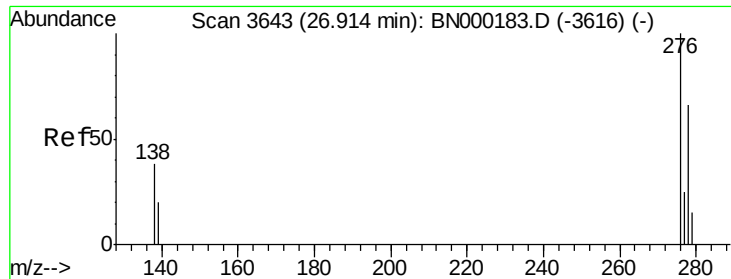


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

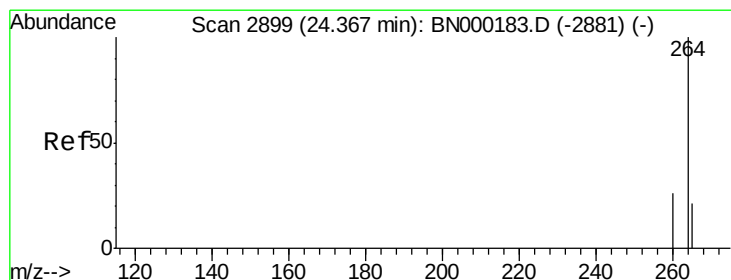
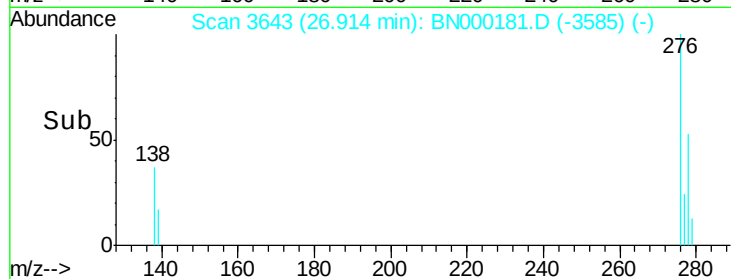
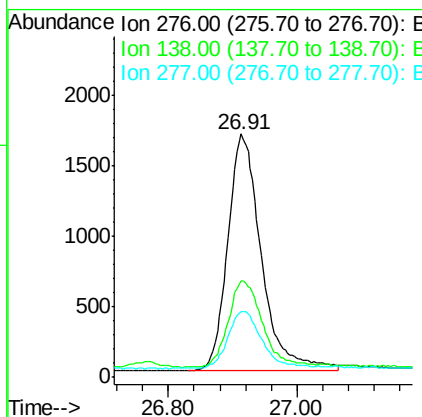
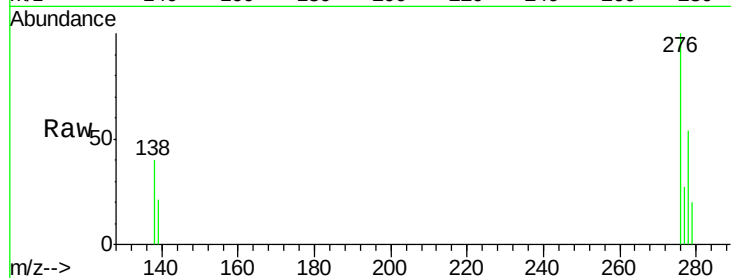




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.086 ng
 RT: 26.91 min Scan# 3643
 Delta R.T. -0.00 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

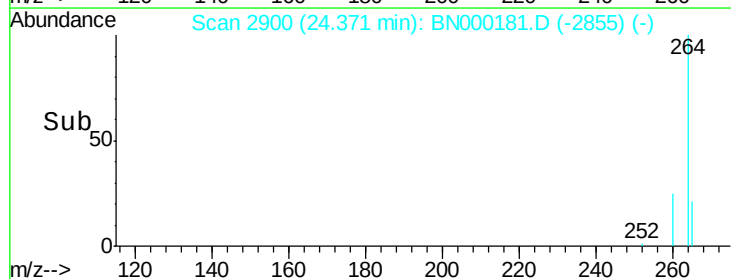
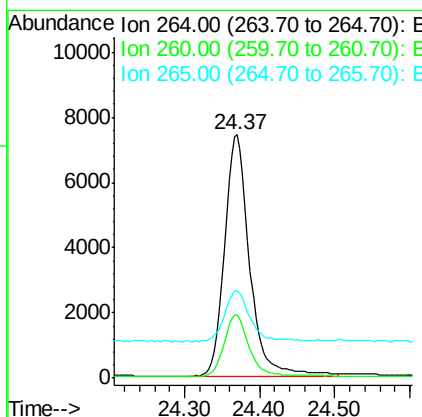
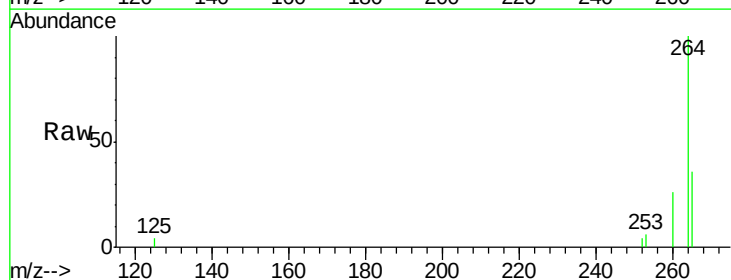
Instrument :
 BNA_N
 ClientSampleId :

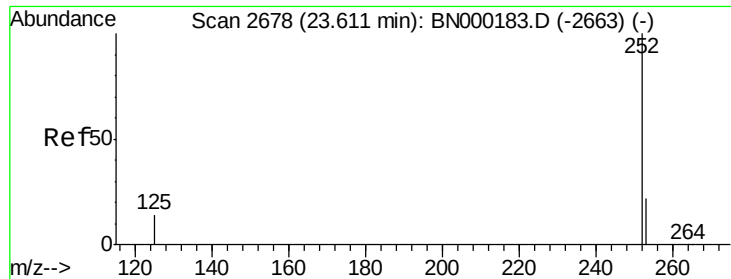
Tgt Ion:276 Resp: 6104
 Ion Ratio Lower Upper
 276 100
 138 37.0 22.5 33.7#
 277 24.3 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.37 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

Tgt Ion:264 Resp: 16932
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 36.0 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.098 ng

RT: 23.61 min Scan# 2679

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

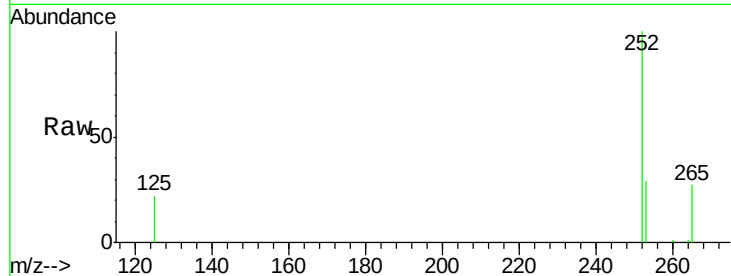
Tgt Ion:252 Resp: 7538

Ion Ratio Lower Upper

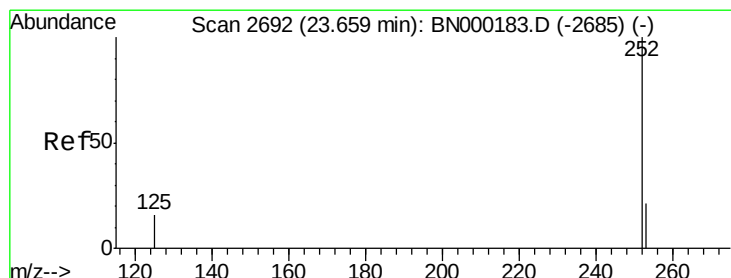
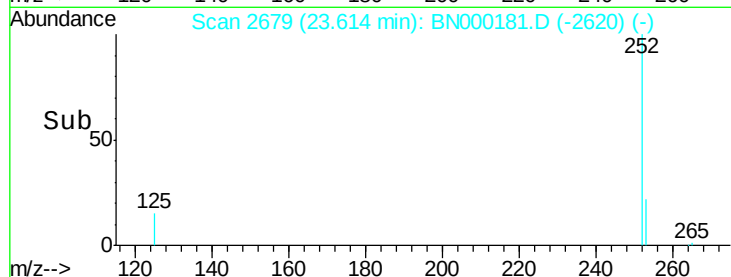
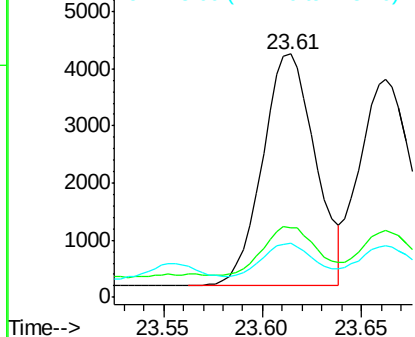
252 100

253 28.8 20.0 30.0

125 22.1 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: 0.090 ng

RT: 23.66 min Scan# 2693

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

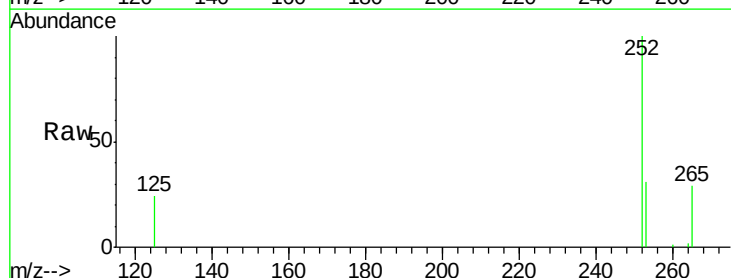
Tgt Ion:252 Resp: 6783

Ion Ratio Lower Upper

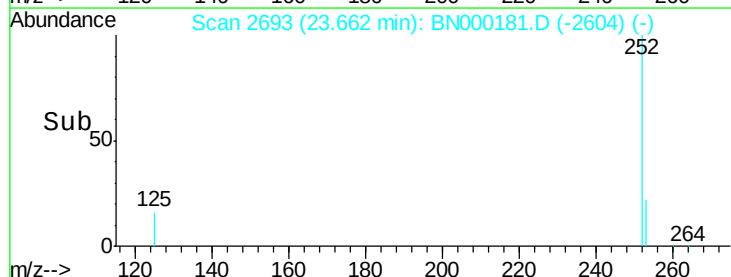
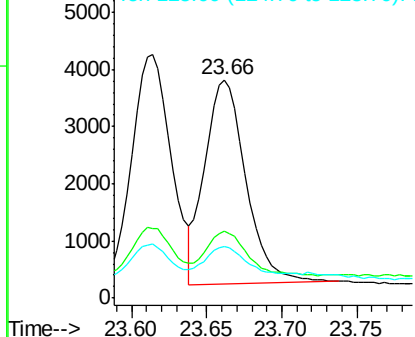
252 100

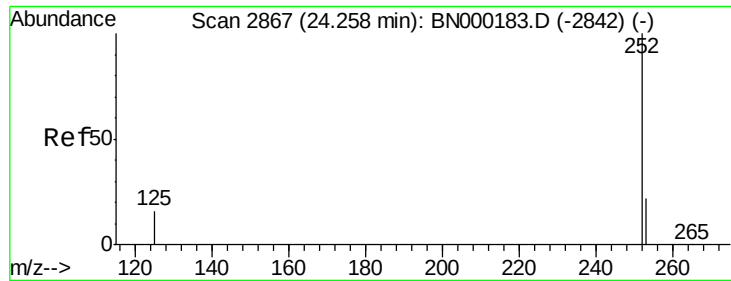
253 30.5 16.0 24.0#

125 23.6 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: 0.091 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

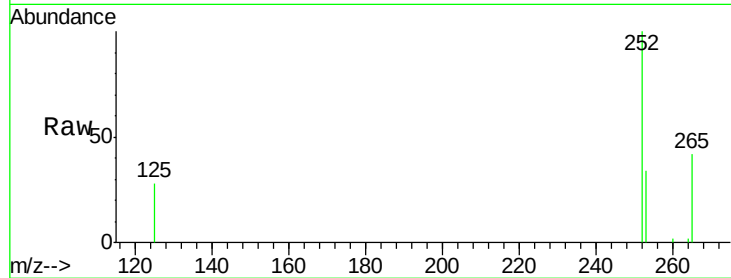
Tgt Ion:252 Resp: 5709

Ion Ratio Lower Upper

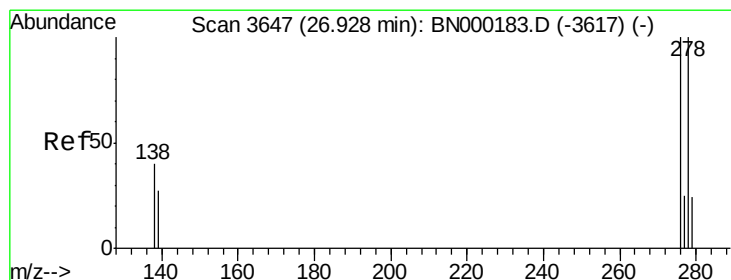
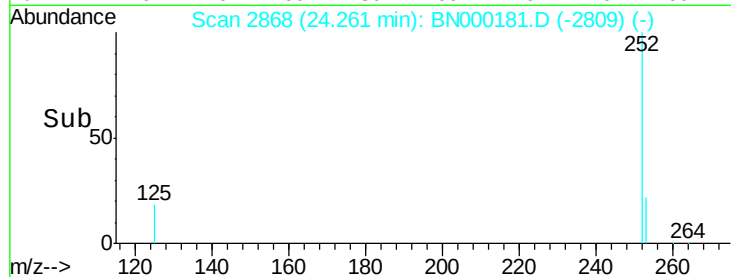
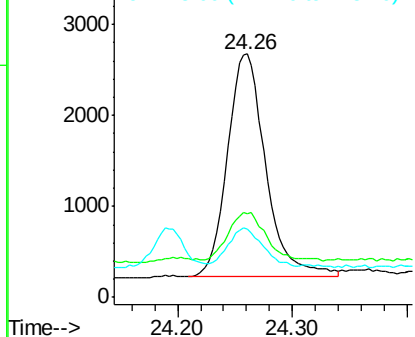
252 100

253 34.4 16.0 24.0#

125 28.2 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: 0.078 ng

RT: 26.93 min Scan# 3648

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

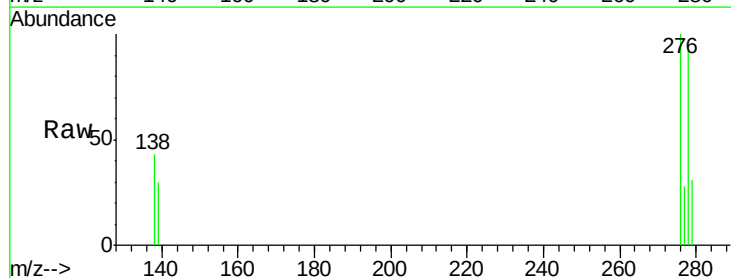
Tgt Ion:278 Resp: 4354

Ion Ratio Lower Upper

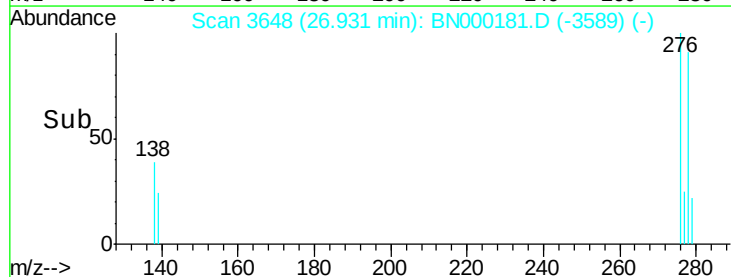
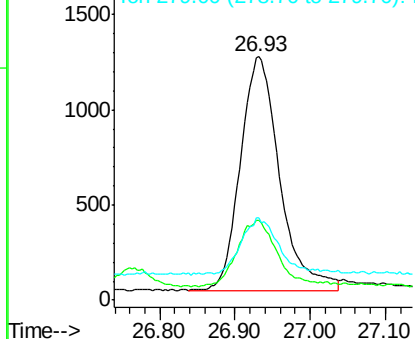
278 100

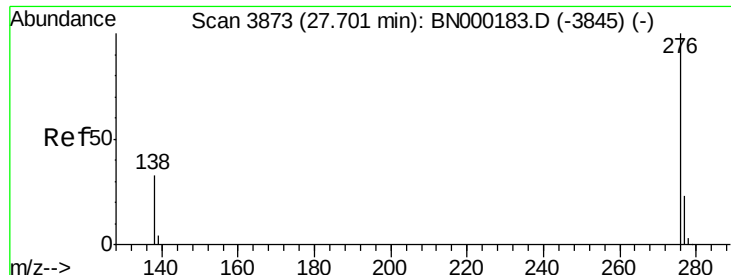
139 32.7 16.0 24.0#

279 33.7 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: 0.092 ng

RT: 27.70 min Scan# 3873

Delta R.T. -0.00 min

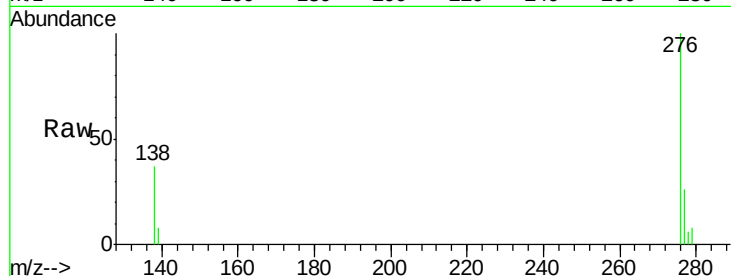
Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :



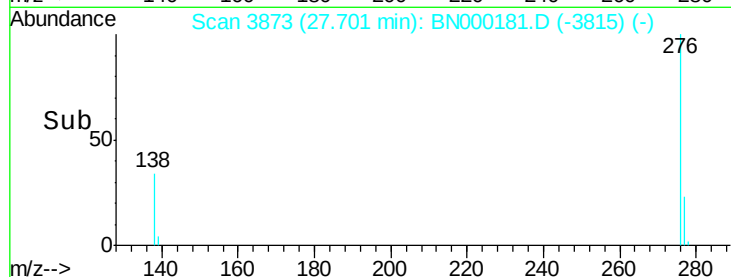
Tgt Ion: 276 Resp: 6108

Ion Ratio Lower Upper

276 100

277 26.4 16.0 24.0#

138 37.0 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

