

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002198.D
 Acq On : 30 Jul 2018 22:32
 Operator : JU/SJ
 Sample : J3762-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 31 01:26:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3281	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	13181	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	6954	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	13925	0.40	ng	0.01
27) Chrysene-d12	21.27	240	10652	0.40	ng	0.00
34) Perylene-d12	23.50	264	10207	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2629	0.34	ng	0.00
5) Phenol-d6	6.88	99	2903	0.31	ng	0.00
8) Nitrobenzene-d5	8.86	82	3365	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.07	152	7140	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	743	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.95	172	10055	0.38	ng	0.01
25) Fluoranthene-d10	19.11	212	12319	0.36	ng	0.00
29) Terphenyl-d14	19.71	244	8086	0.36	ng	0.00

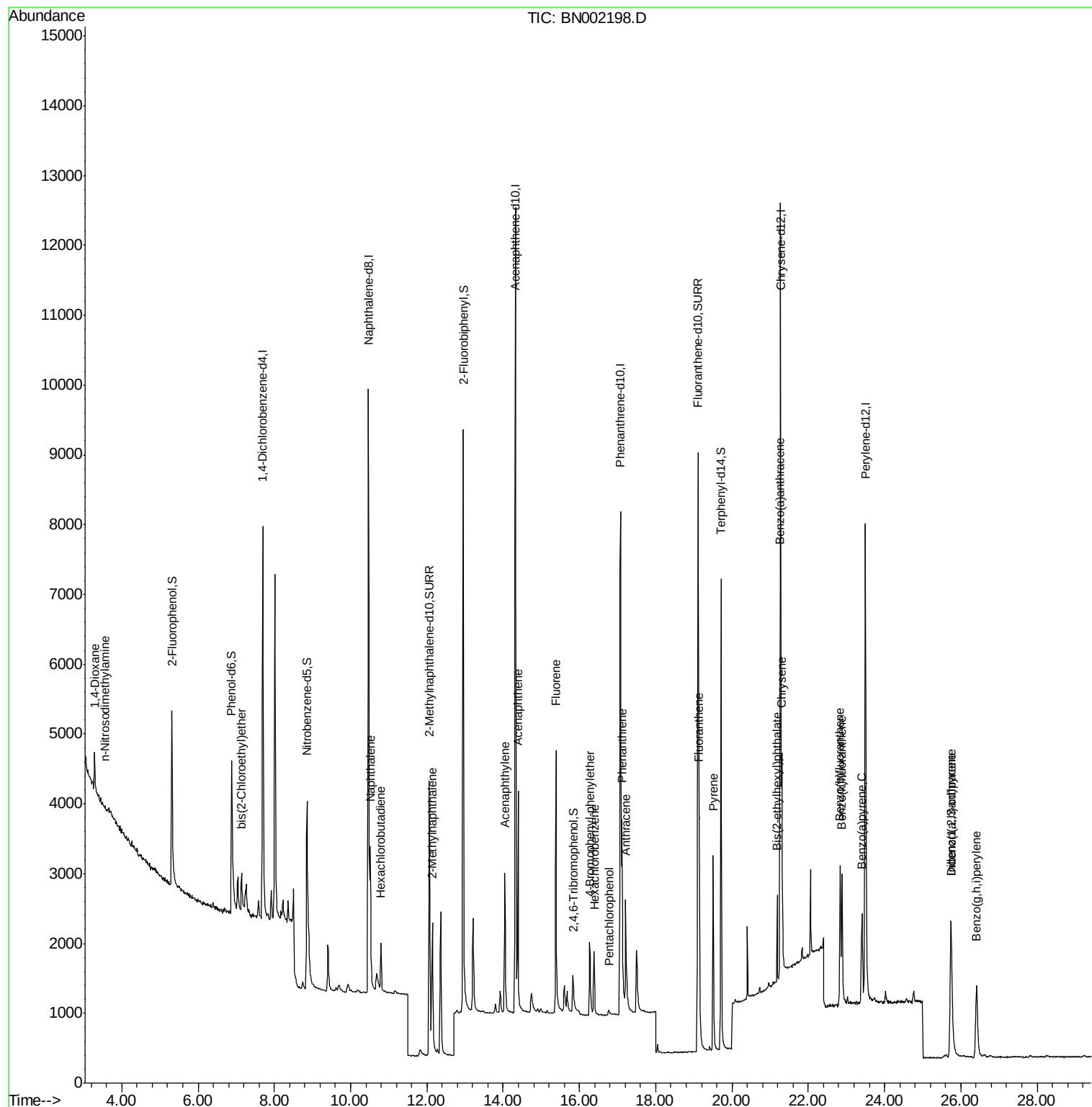
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	362	0.098	ng	92
3) n-Nitrosodimethylamine	3.58	42	3	0.116	ng	# 1
6) bis(2-Chloroethyl)ether	7.14	93	667	0.075	ng	# 86
9) Naphthalene	10.52	128	2766	0.093	ng	# 89
10) Hexachlorobutadiene	10.80	225	602	0.094	ng	# 54
12) 2-Methylnaphthalene	12.14	142	1761	0.088	ng	99
16) Acenaphthylene	14.04	152	2543	0.086	ng	99
17) Acenaphthene	14.39	154	1736	0.091	ng	97
18) Fluorene	15.38	166	2003	0.085	ng	# 79
20) 4-Bromophenyl-phenylether	16.27	248	696	0.088	ng	# 84
21) Hexachlorobenzene	16.39	284	840	0.096	ng	94
22) Pentachlorophenol	16.77	266	79	0.129	ng	# 71
23) Phenanthrene	17.12	178	3056	0.088	ng	98
24) Anthracene	17.22	178	2107	0.074	ng	97
26) Fluoranthene	19.14	202	3089	0.082	ng	98
28) Pyrene	19.50	202	3095	0.098	ng	99
30) Benzo(a)anthracene	21.26	228	2520	0.094	ng	97
31) Chrysene	21.31	228	2813	0.094	ng	97
32) Bis(2-ethylhexyl)phthalate	21.18	149	1164	0.095	ng	# 91
33) Indeno(1,2,3-cd)pyrene	25.74	276	3023	0.107	ng	# 93
35) Benzo(b)fluoranthene	22.84	252	2674	0.089	ng	# 92
36) Benzo(k)fluoranthene	22.88	252	2897	0.093	ng	# 73
37) Benzo(a)pyrene	23.41	252	2465	0.091	ng	# 70
38) Dibenzo(a,h)anthracene	25.75	278	2479	0.094	ng	# 87
39) Benzo(g,h,i)perylene	26.41	276	2662	0.098	ng	# 91

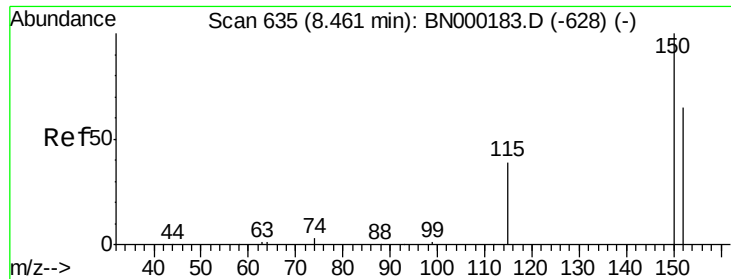
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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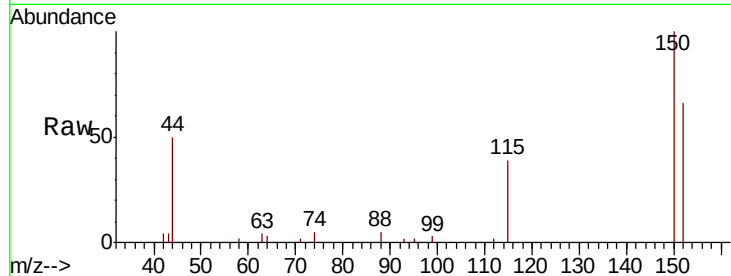


#1

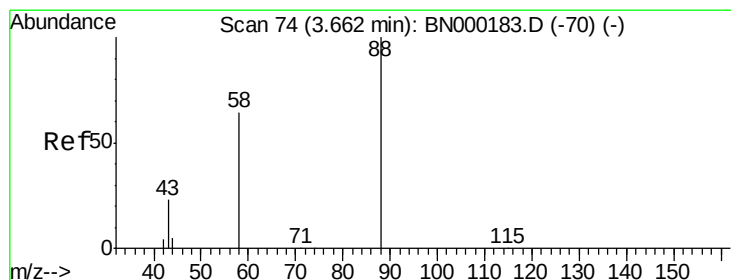
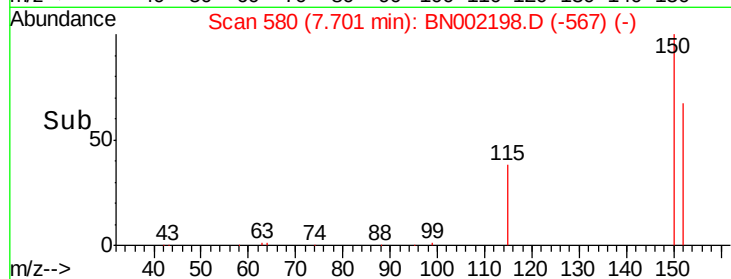
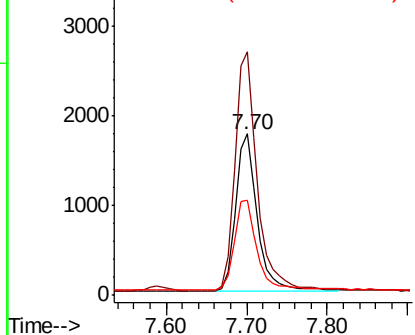
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.01 min
Lab File: BN002198.D
Acq: 30 Jul 2018 22:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3281
Ion Ratio Lower Upper
152 100
150 150.9 117.2 175.8
115 59.0 57.0 85.6



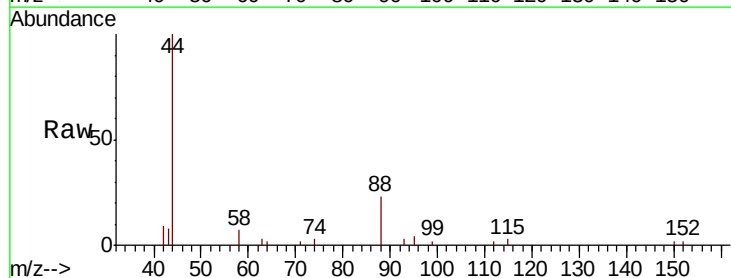
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



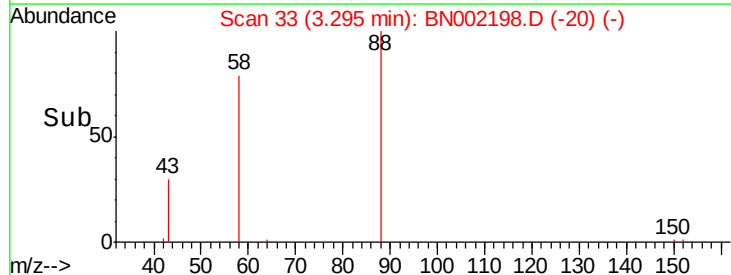
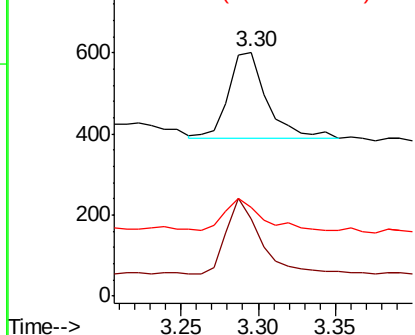
#2

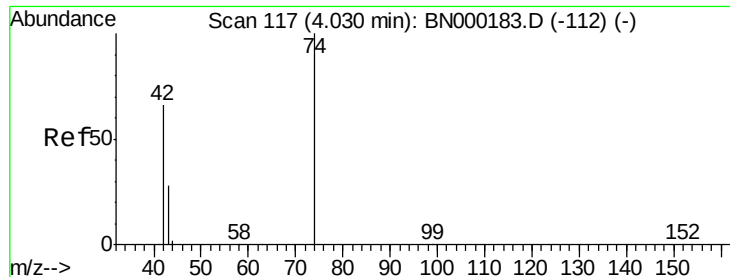
1,4-Dioxane
Concen: 0.098 ng
RT: 3.30 min Scan# 33
Delta R.T. 0.01 min
Lab File: BN002198.D
Acq: 30 Jul 2018 22:32

Tgt Ion: 88 Resp: 362
Ion Ratio Lower Upper
88 100
58 80.1 72.0 108.0
43 35.4 28.0 42.0



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

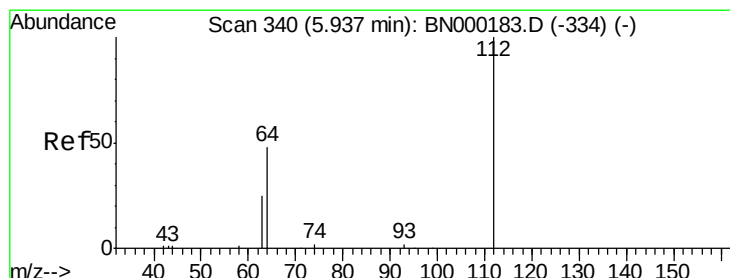
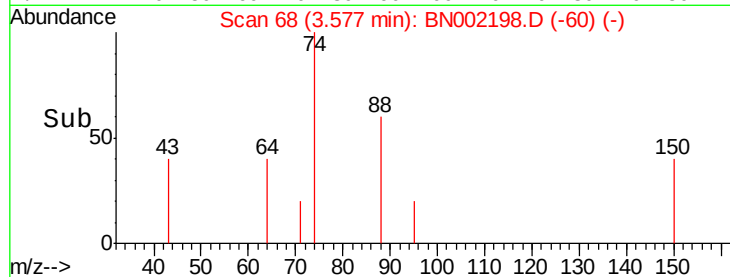
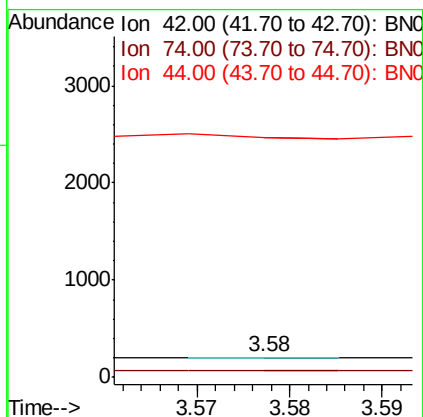
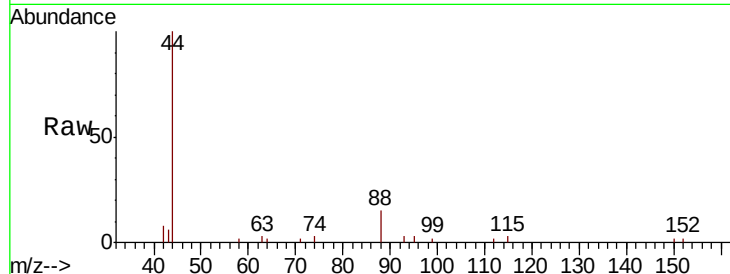




#3
n-Nitrosodimethylamine
Concen: 0.116 ng
RT: 3.58 min Scan# 68
Delta R.T. -0.03 min
Lab File: BN002198.D
Acq: 30 Jul 2018 22:32

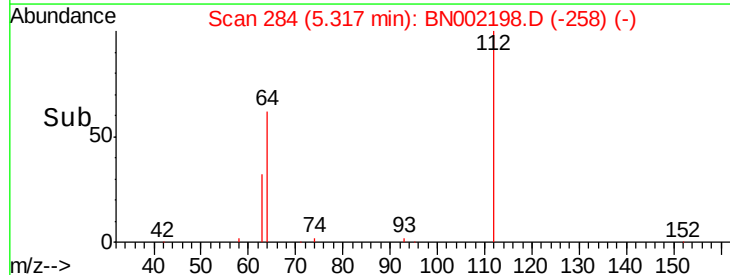
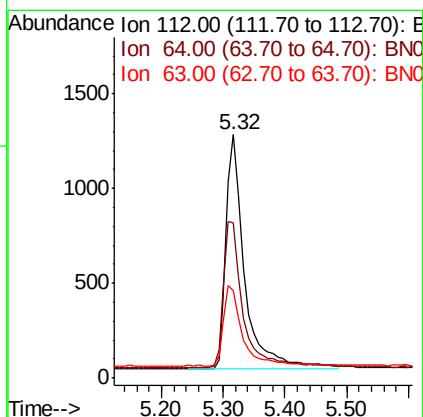
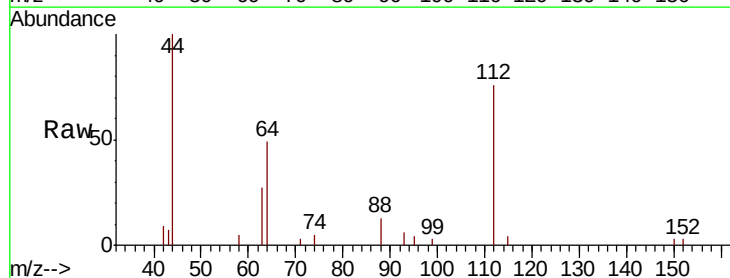
Instrument :
BNA_N
ClientSampleId :

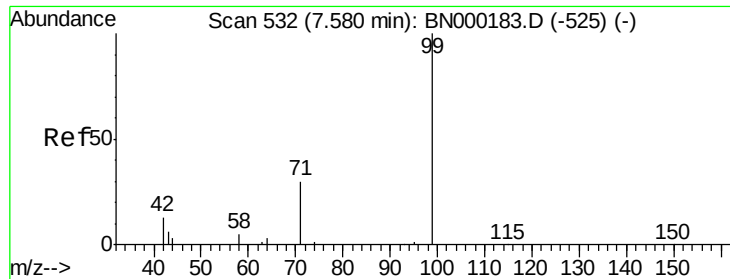
Tot Ion: 42 Resp: 3
Ion Ratio Lower Upper
42 100
74 233.3 88.0 132.0#
44 0.0 16.0 24.0#



#4
2-Fluorophenol
Concen: 0.343 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002198.D
Acq: 30 Jul 2018 22:32

Tgt Ion: 112 Resp: 2629
Ion Ratio Lower Upper
112 100
64 65.7 60.1 90.1
63 35.2 116.8 175.2#





#5

Phenol-d6

Concen: 0.312 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

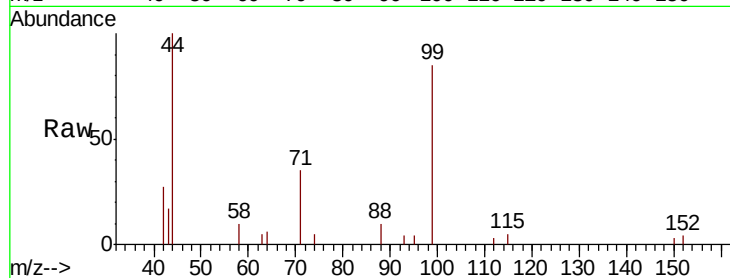
Tot Ion: 99 Resp: 2903

Ion Ratio Lower Upper

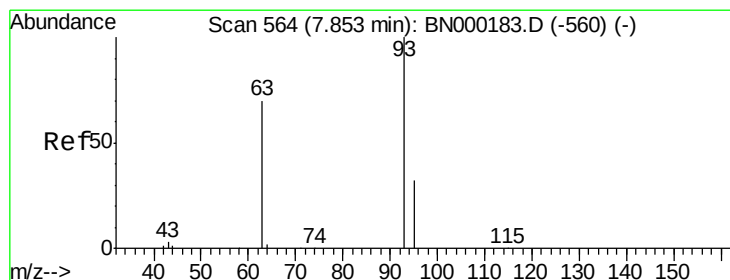
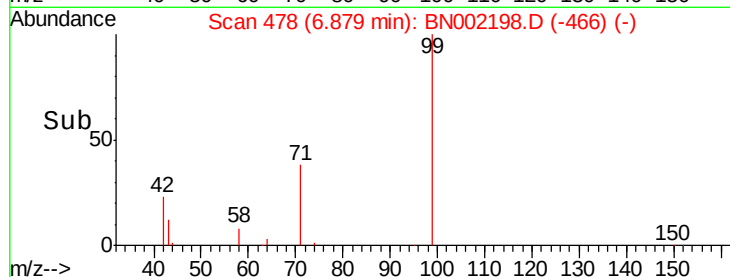
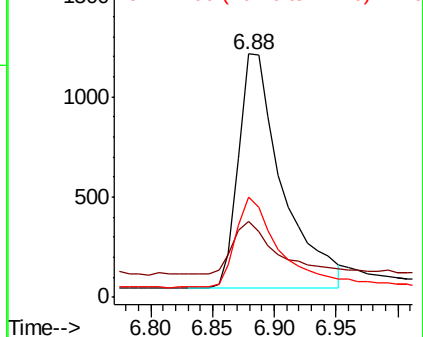
99 100

42 22.4 20.2 30.2

71 37.3 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: 0.075 ng

RT: 7.14 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

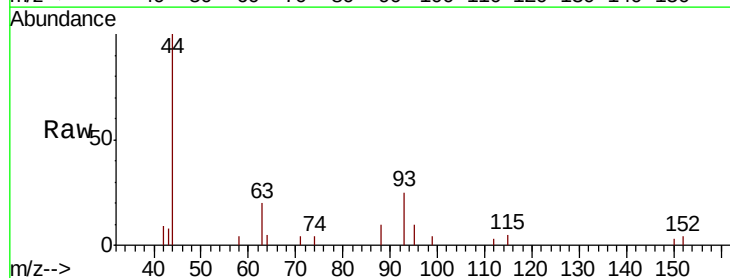
Tgt Ion: 93 Resp: 667

Ion Ratio Lower Upper

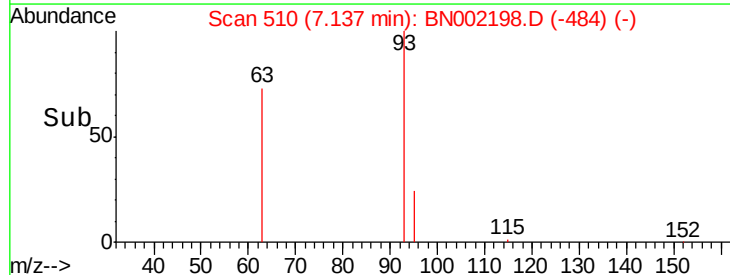
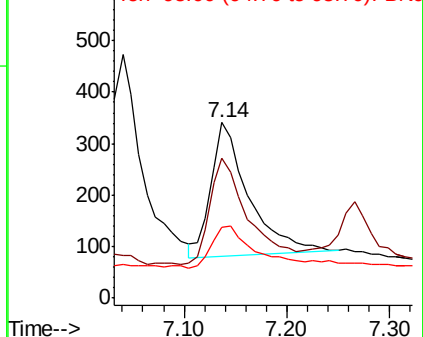
93 100

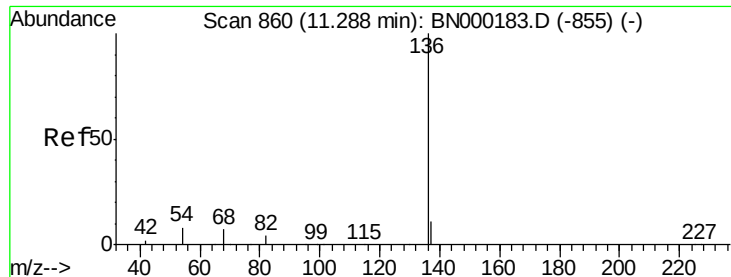
63 80.4 56.0 84.0

95 41.8 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: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13181

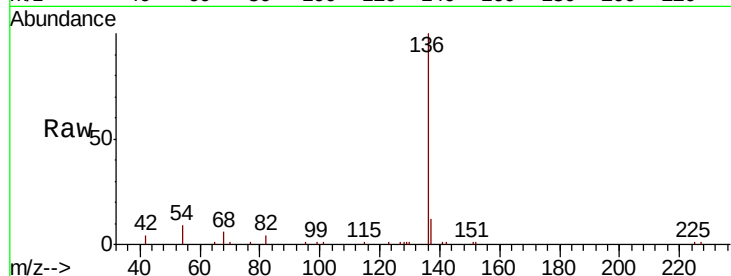
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 9.2 29.1 43.7#

68 6.2 6.2 9.2#

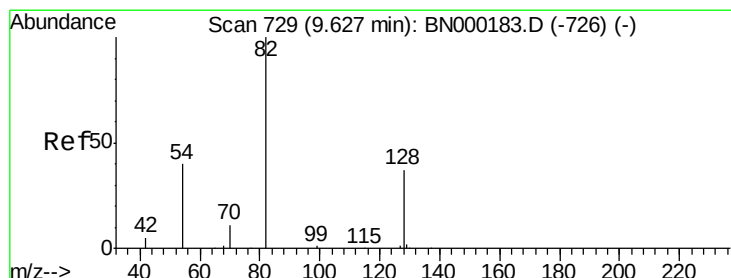
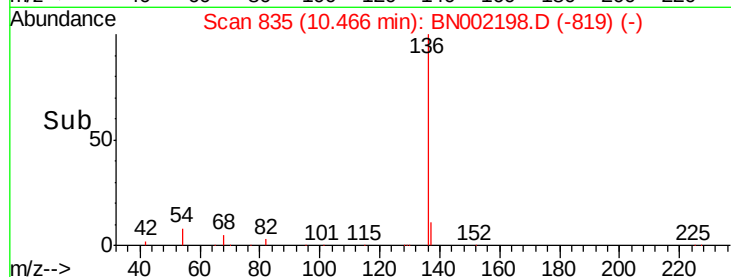
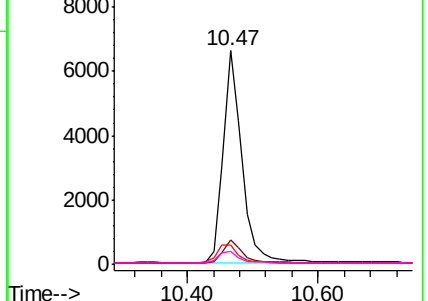


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

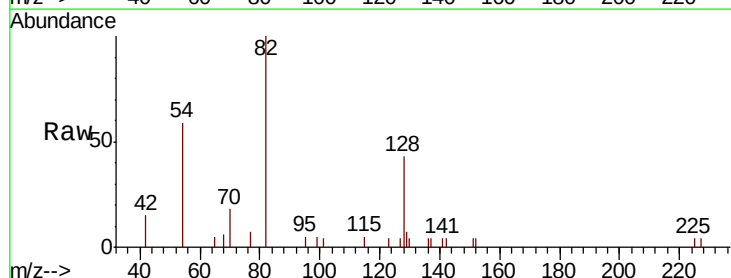
Tgt Ion: 82 Resp: 3365

Ion Ratio Lower Upper

82 100

128 43.4 150.0 225.0#

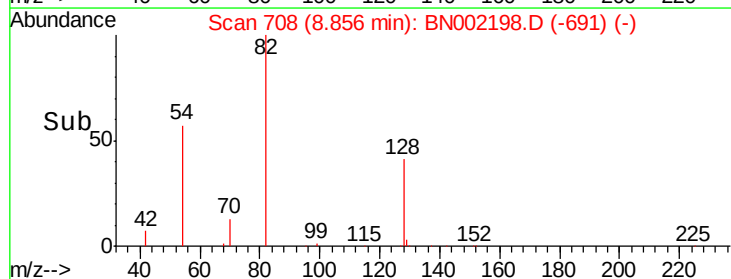
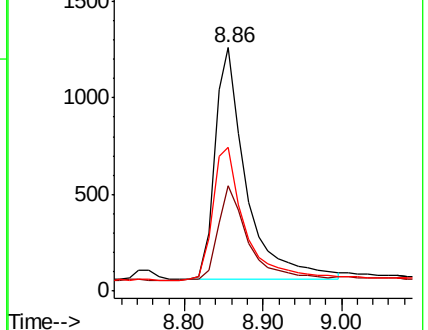
54 58.9 154.2 231.4#

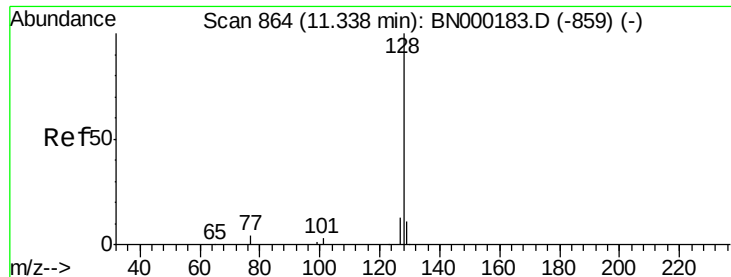


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.093 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

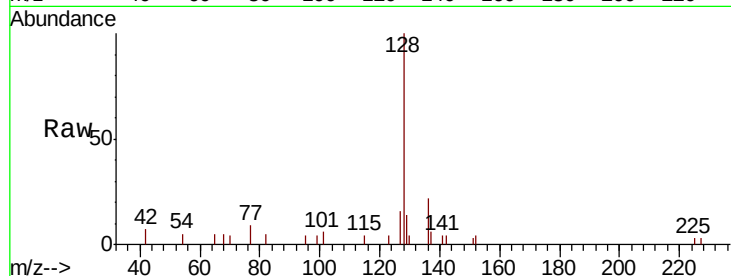
Tot Ion:128 Resp: 2766

Ion Ratio Lower Upper

128 100

129 14.2 8.0 12.0#

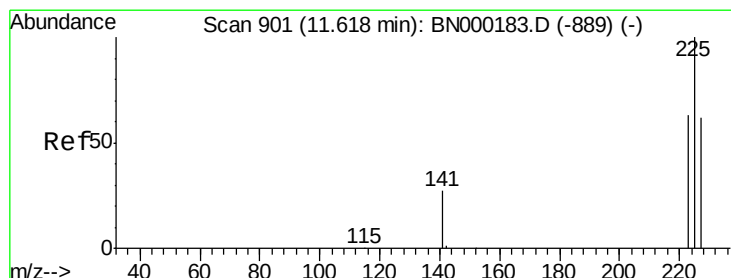
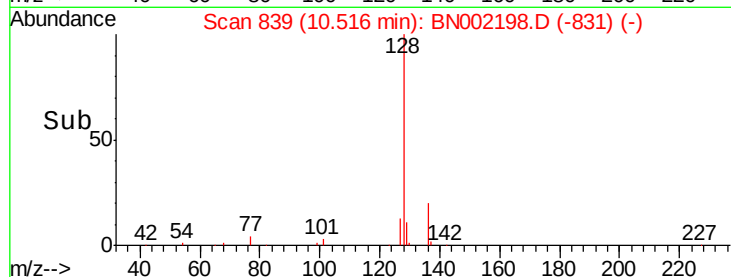
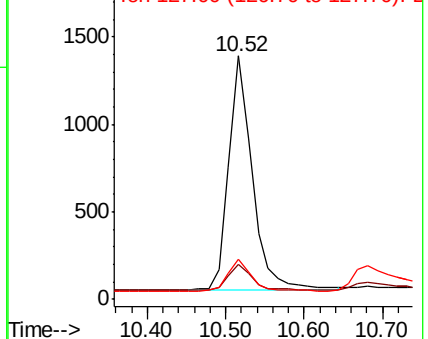
127 16.4 9.6 14.4#



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: 0.094 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

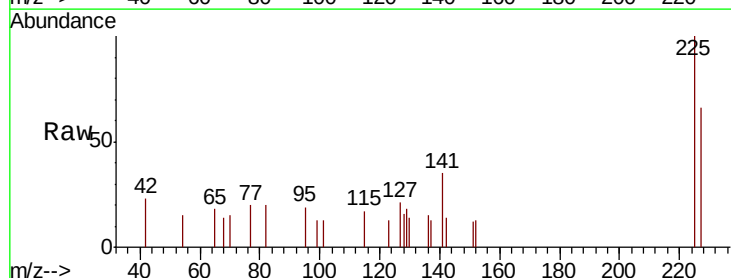
Tgt Ion:225 Resp: 602

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

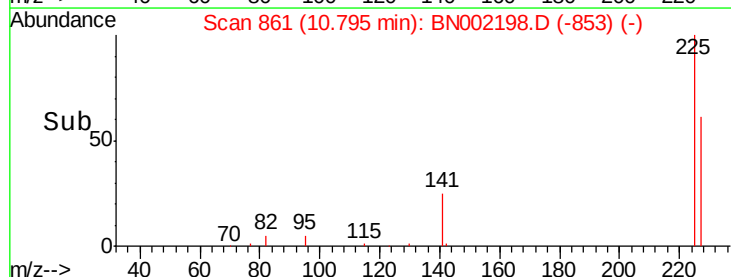
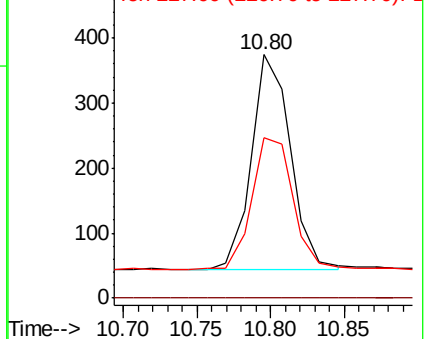
227 65.1 48.0 72.0

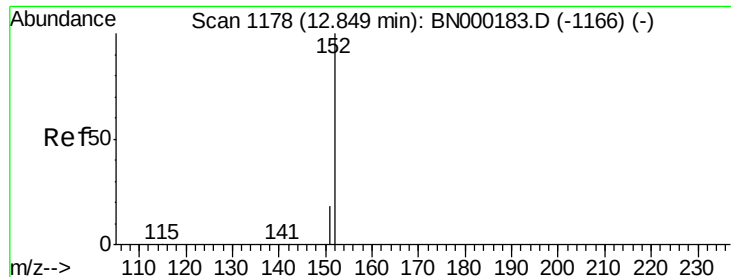


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.368 ng

RT: 12.07 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

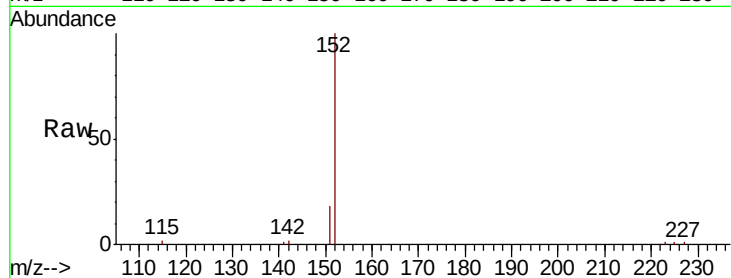
ClientSampleId :

Tot Ion:152 Resp: 7140

Ion Ratio Lower Upper

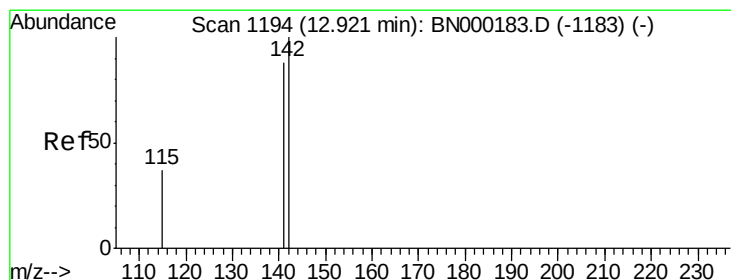
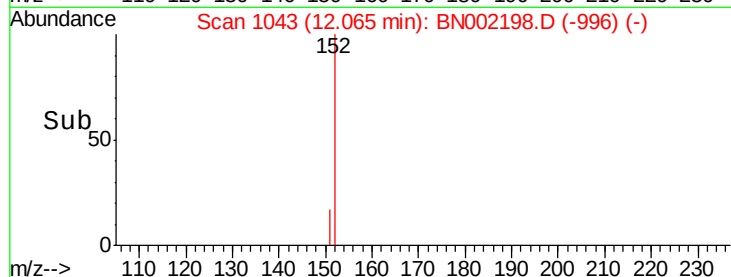
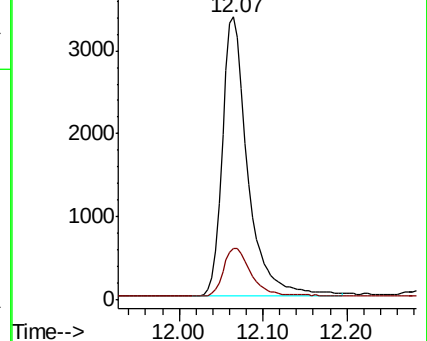
152 100

151 19.0 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: 0.088 ng

RT: 12.14 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

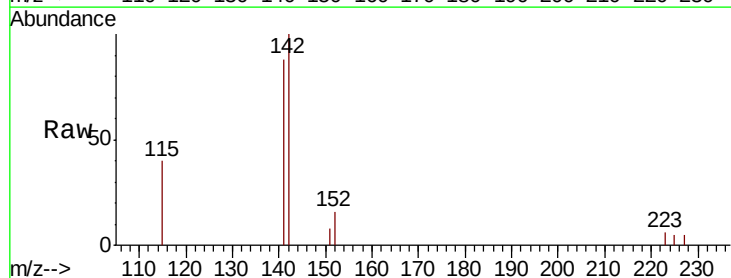
Tgt Ion:142 Resp: 1761

Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

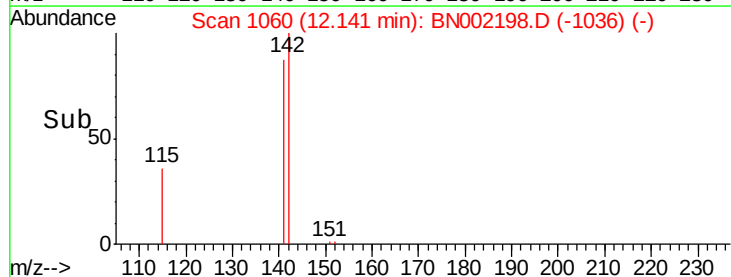
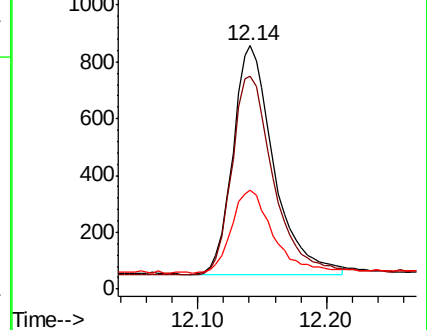
115 40.4 31.7 47.5

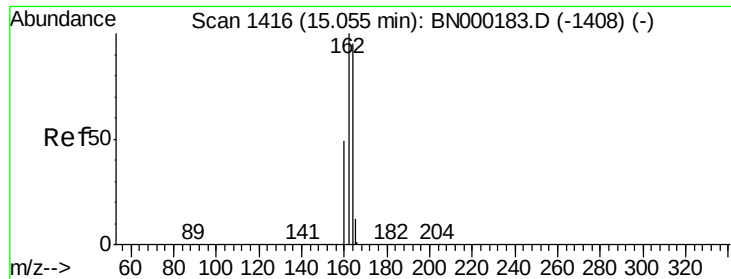


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

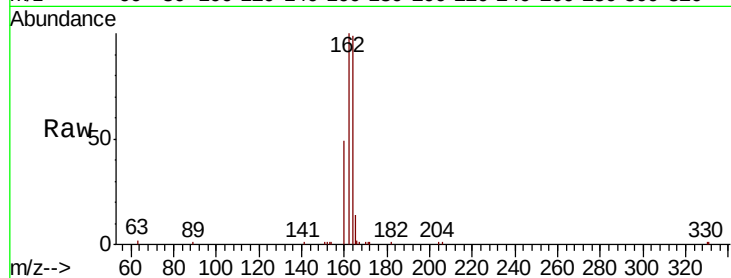
Tot Ion:164 Resp: 6954

Ion Ratio Lower Upper

164 100

162 101.2 83.1 124.7

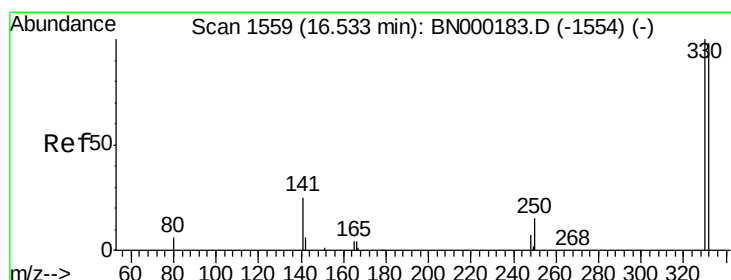
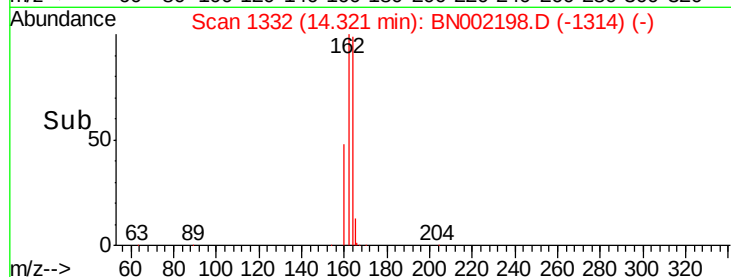
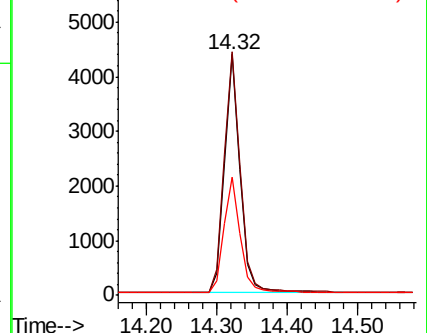
160 49.2 37.1 55.7



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: 0.250 ng

RT: 15.84 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

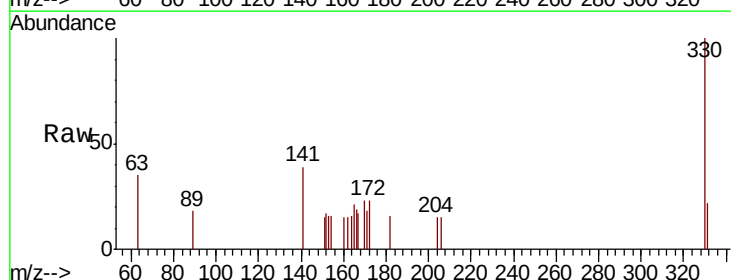
Tgt Ion:330 Resp: 743

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

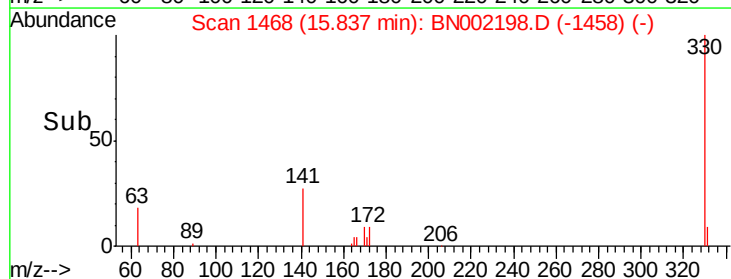
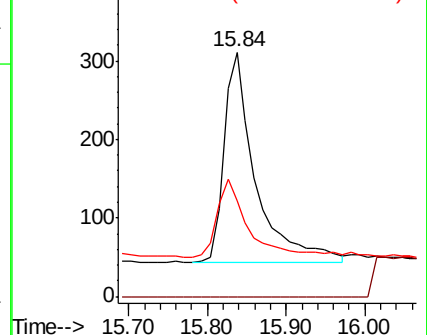
141 35.4 33.7 50.5

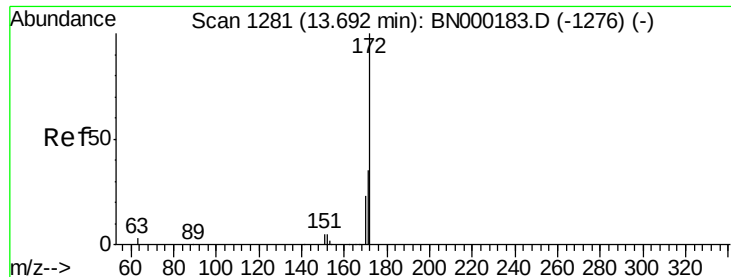


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

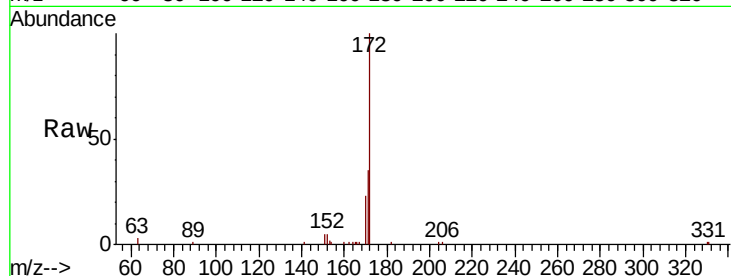




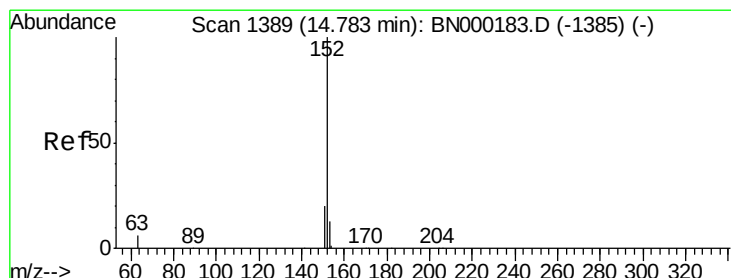
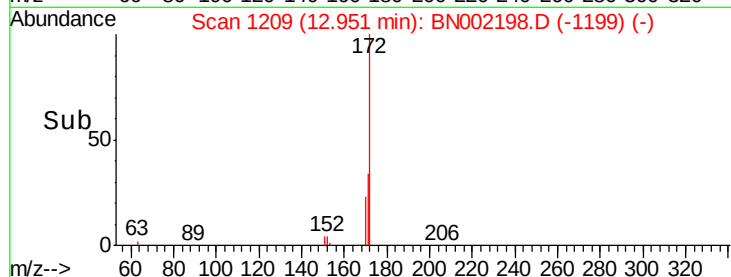
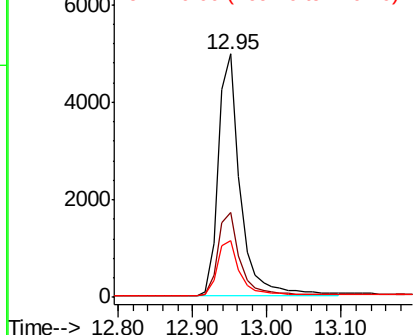
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 12.95 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BN002198.D
Acq: 30 Jul 2018 22:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	23.4	21.8	32.8

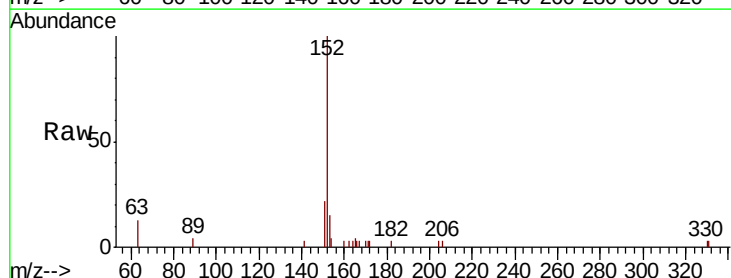


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

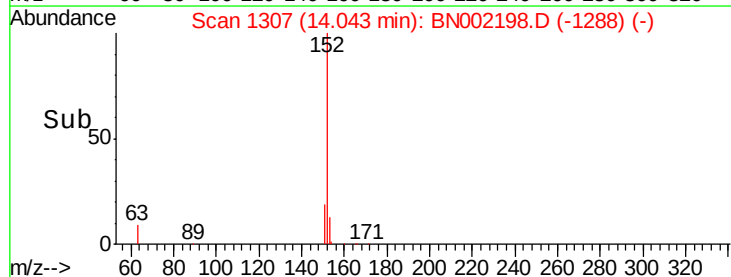
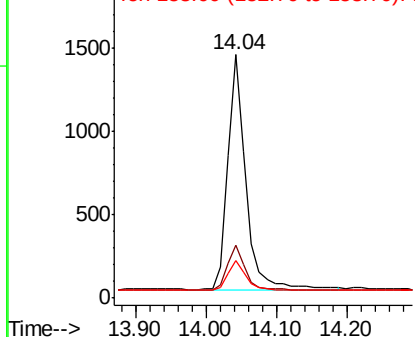


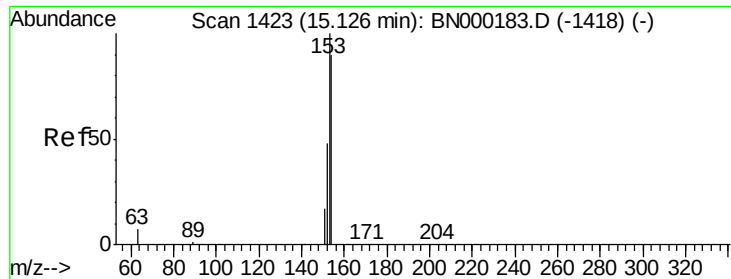
#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN002198.D
Acq: 30 Jul 2018 22:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.1	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: 0.091 ng

RT: 14.39 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

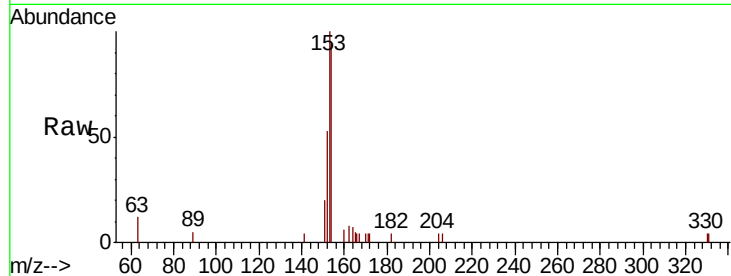
Tot Ion:154 Resp: 1736

Ion Ratio Lower Upper

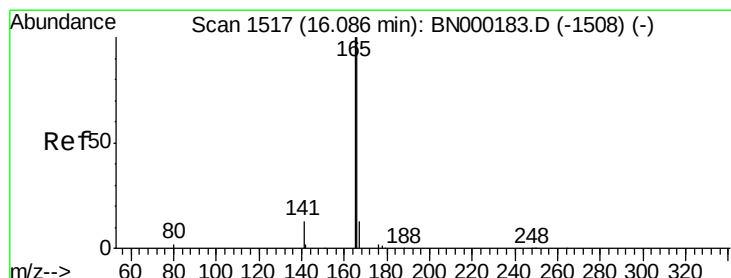
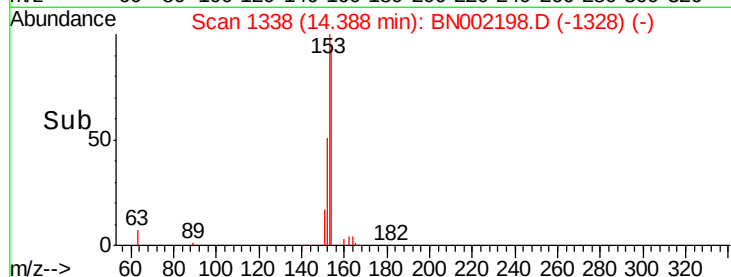
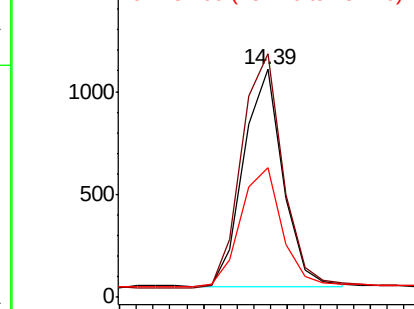
154 100

153 112.1 89.2 133.8

152 57.5 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: 0.085 ng

RT: 15.38 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

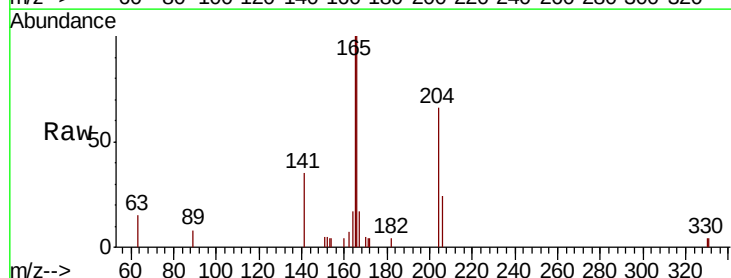
Tgt Ion:166 Resp: 2003

Ion Ratio Lower Upper

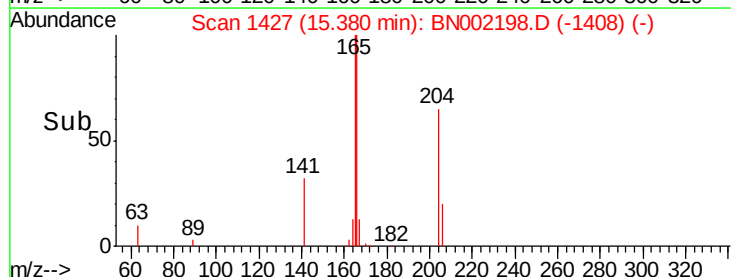
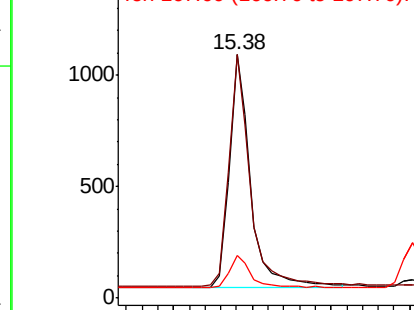
166 100

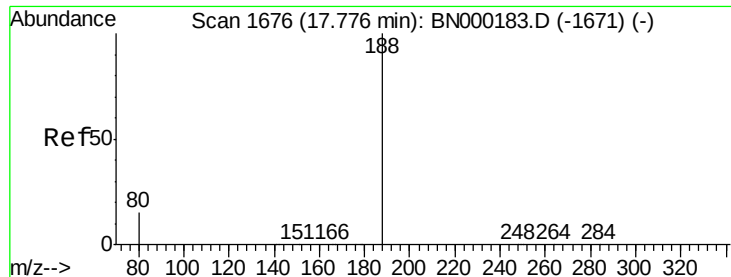
165 99.6 77.8 116.6

167 14.0 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: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

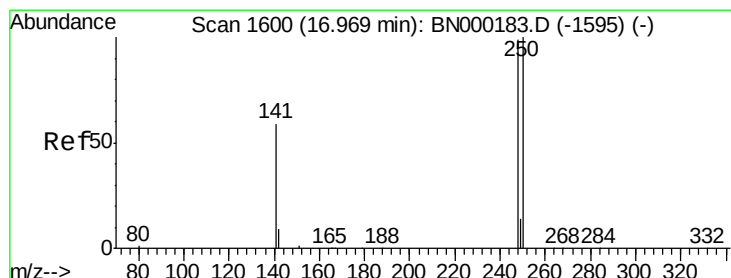
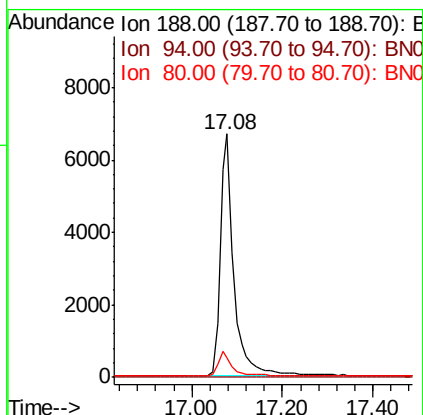
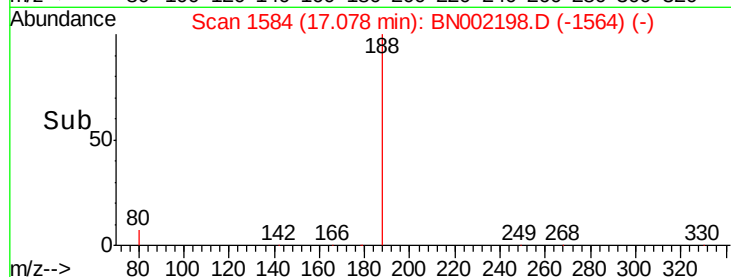
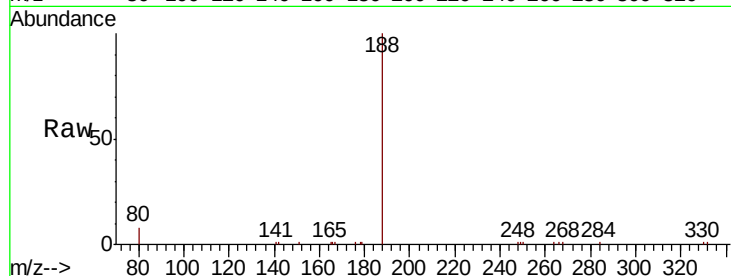
Tot Ion:188 Resp: 13925

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 8.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.088 ng

RT: 16.27 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

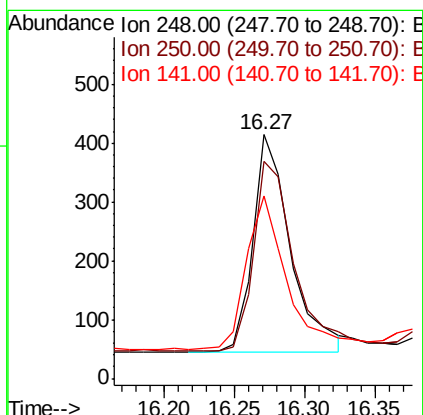
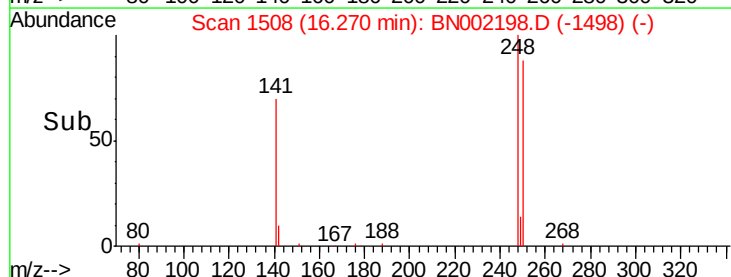
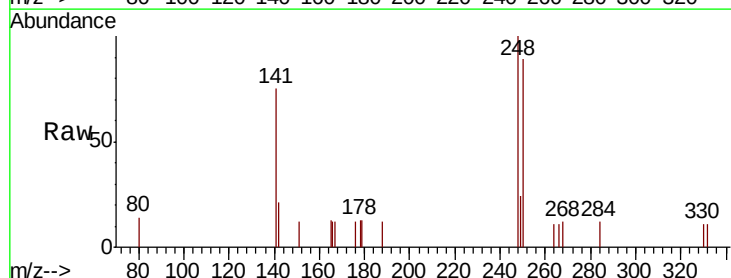
Tgt Ion:248 Resp: 696

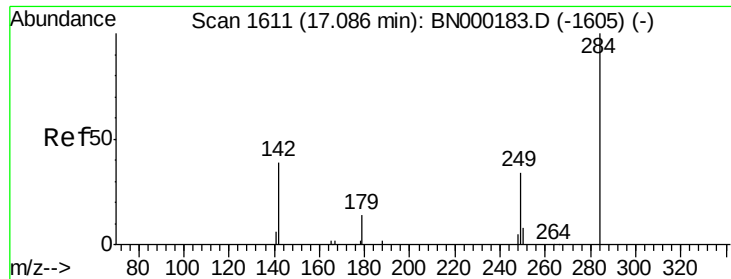
Ion Ratio Lower Upper

248 100

250 89.1 62.7 94.1

141 75.1 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.096 ng

RT: 16.39 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

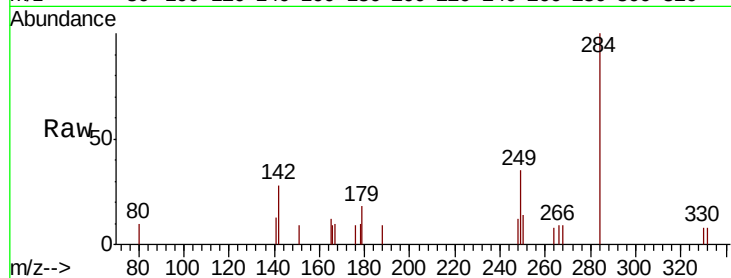
Tot Ion:284 Resp: 840

Ion Ratio Lower Upper

284 100

142 34.8 32.0 48.0

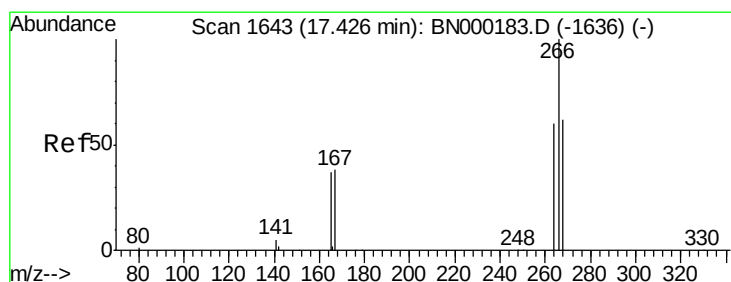
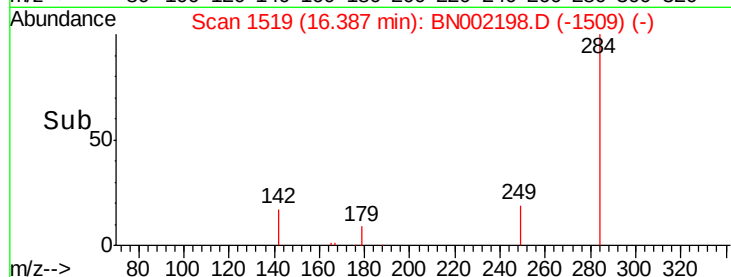
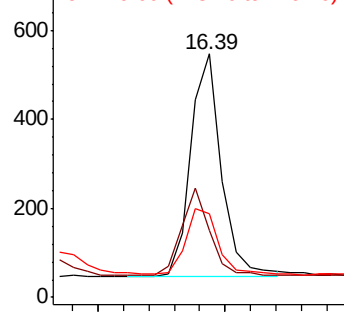
249 30.8 24.0 36.0



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: 0.129 ng

RT: 16.77 min Scan# 1555

Delta R.T. 0.03 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

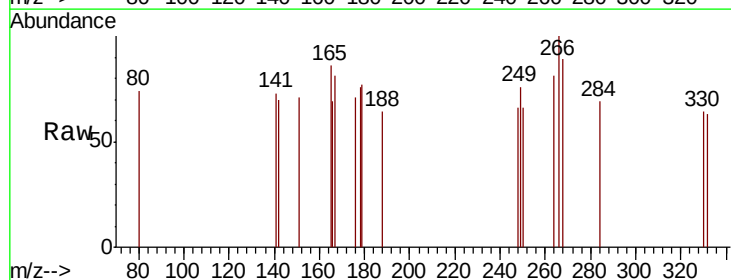
Tgt Ion:266 Resp: 79

Ion Ratio Lower Upper

266 100

264 81.4 48.0 72.0#

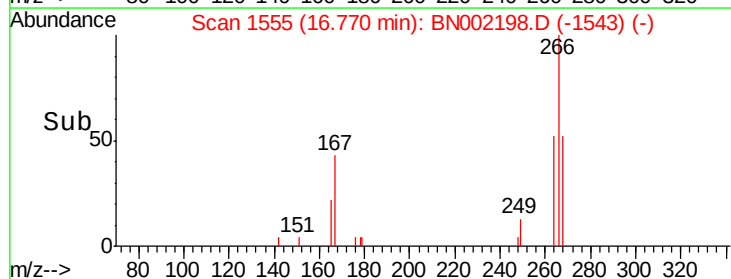
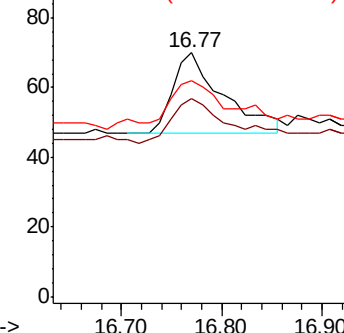
268 88.6 52.0 78.0#

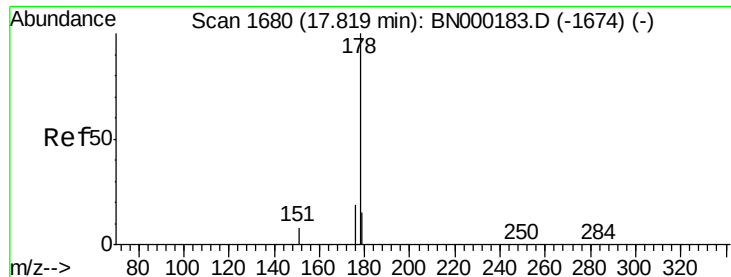


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.088 ng

RT: 17.12 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

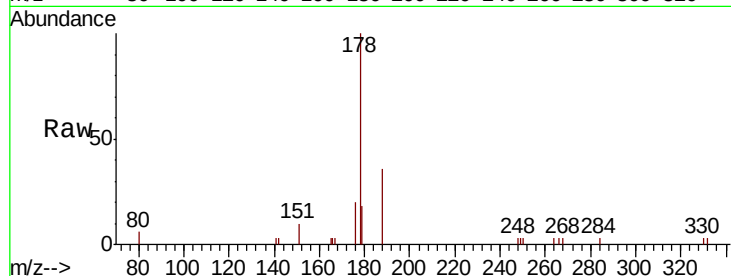
Tot Ion:178 Resp: 3056

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

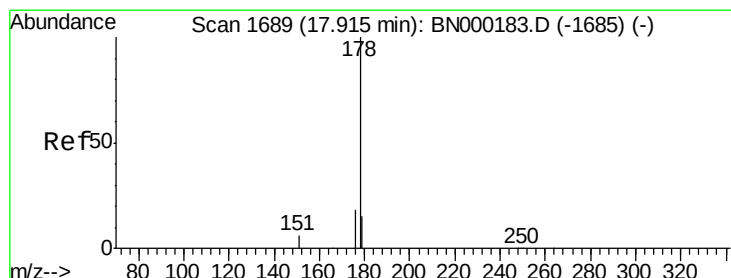
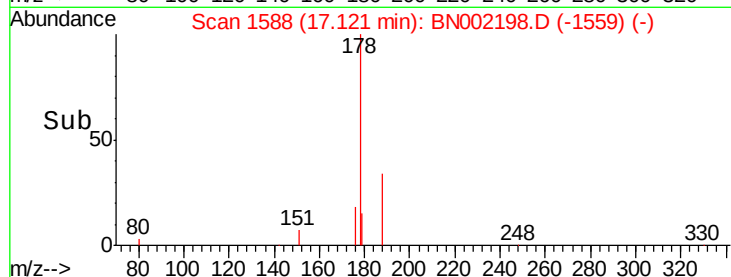
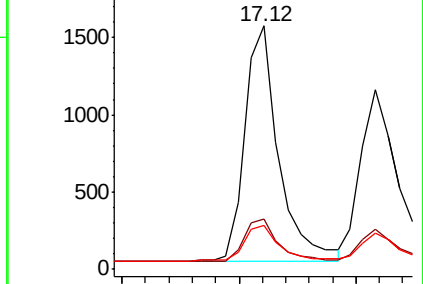
179 16.3 11.8 17.6



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: 0.074 ng

RT: 17.22 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

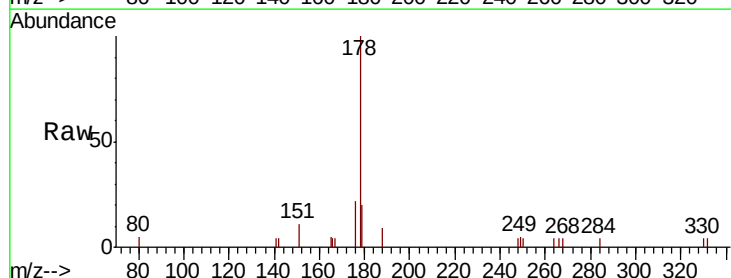
Tgt Ion:178 Resp: 2107

Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

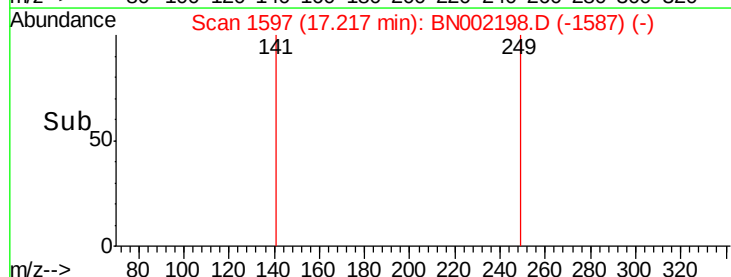
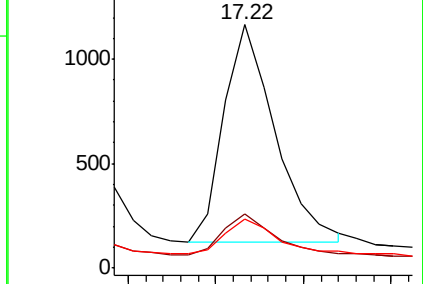
179 15.9 13.0 19.6

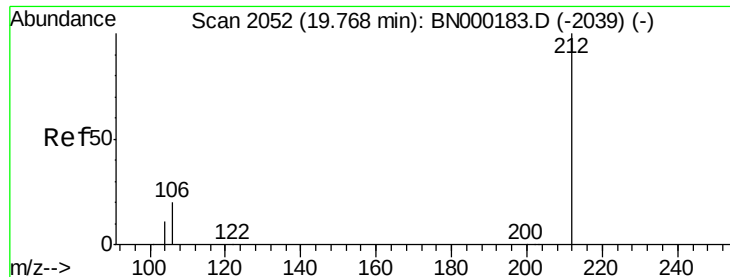


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

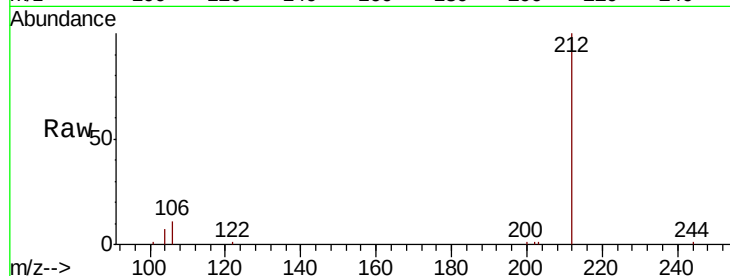
Tot Ion:212 Resp: 12319

Ion Ratio Lower Upper

212 100

106 11.4 2.8 4.2#

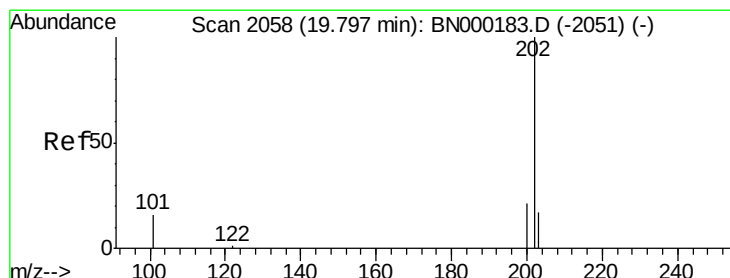
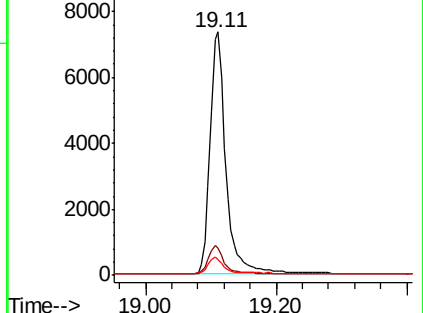
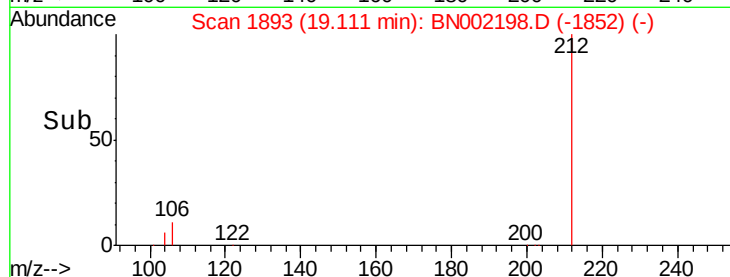
104 6.5 1.6 2.4#



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: 0.082 ng

RT: 19.14 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

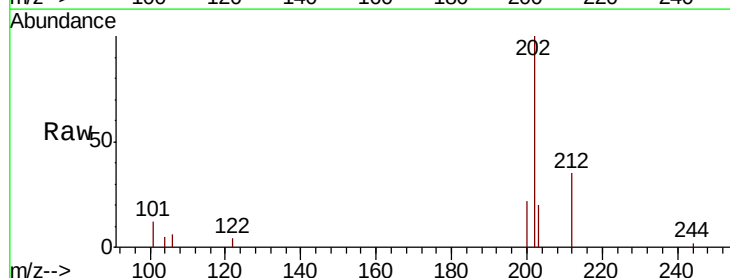
Tgt Ion:202 Resp: 3089

Ion Ratio Lower Upper

202 100

101 10.5 9.8 14.8

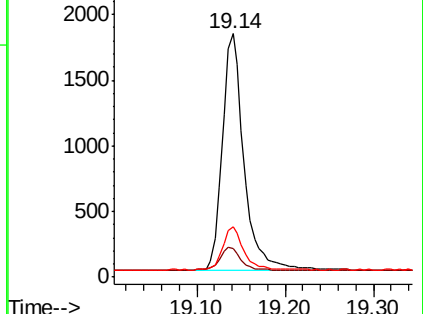
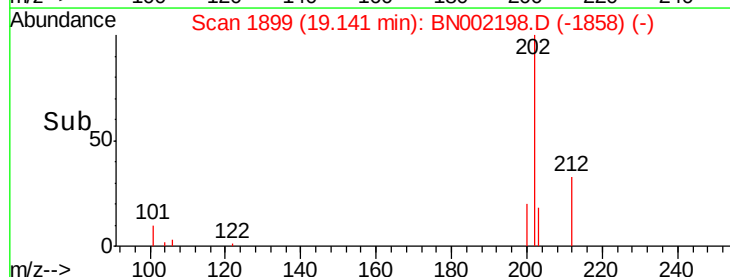
203 17.4 13.7 20.5

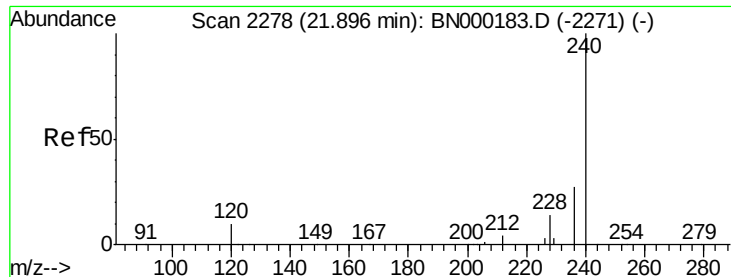


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

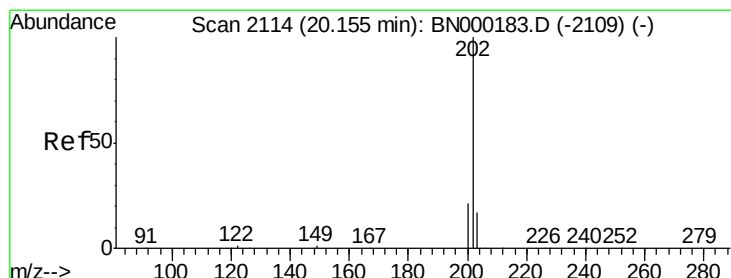
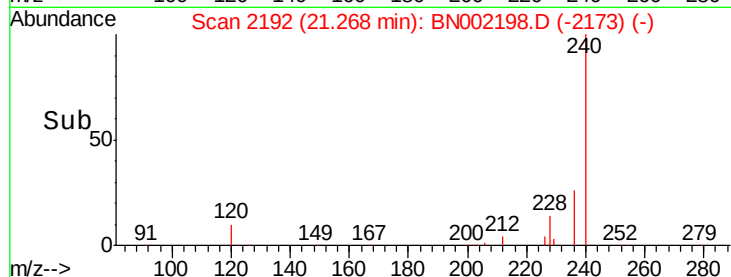
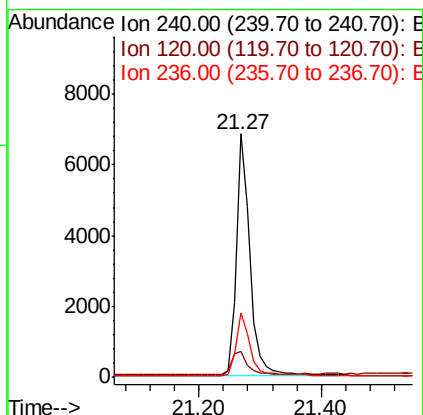
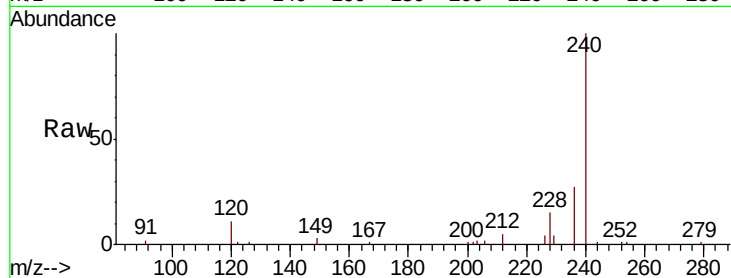




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BN002198.D
 Acq: 30 Jul 2018 22:32

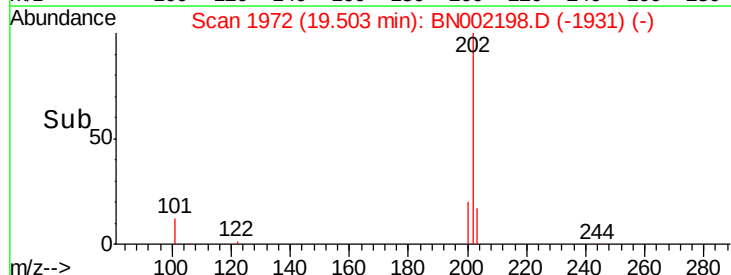
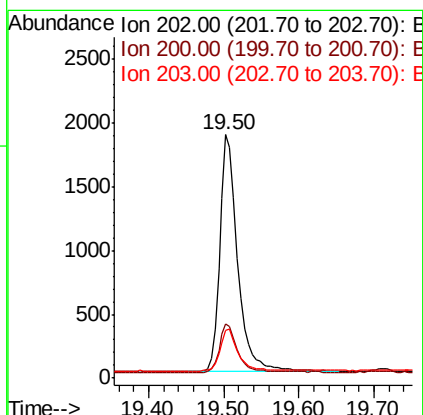
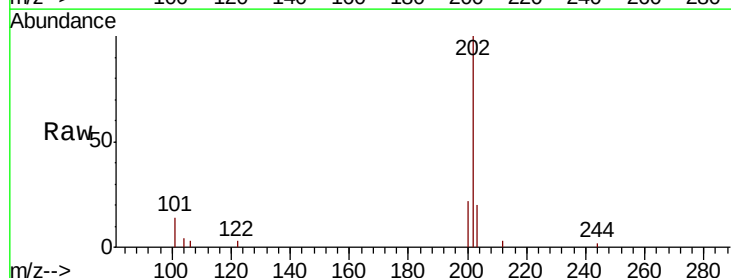
Instrument :
 BNA_N
 ClientSampleId :

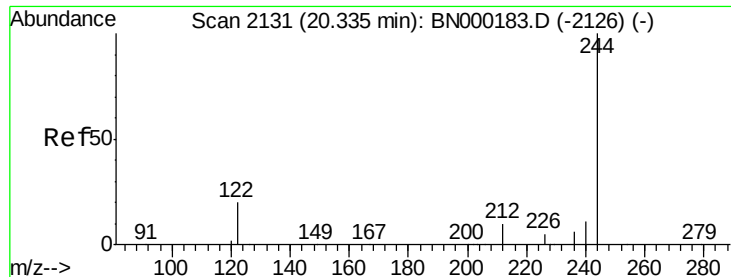
Tot Ion:240 Resp: 10652
 Ion Ratio Lower Upper
 240 100
 120 10.9 5.5 8.3#
 236 26.6 20.7 31.1



#28
 Pyrene
 Concen: 0.098 ng
 RT: 19.50 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BN002198.D
 Acq: 30 Jul 2018 22:32

Tgt Ion:202 Resp: 3095
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.6 25.0
 203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.355 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

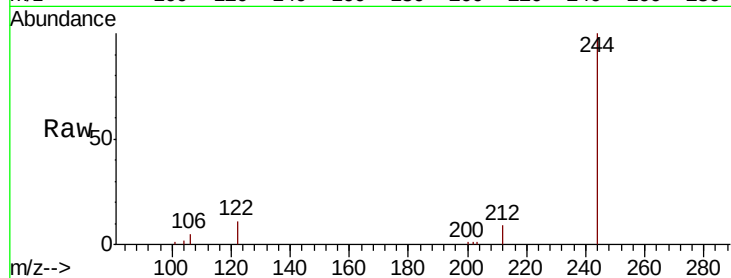
Tot Ion:244 Resp: 8086

Ion Ratio Lower Upper

244 100

212 8.6 25.4 38.0#

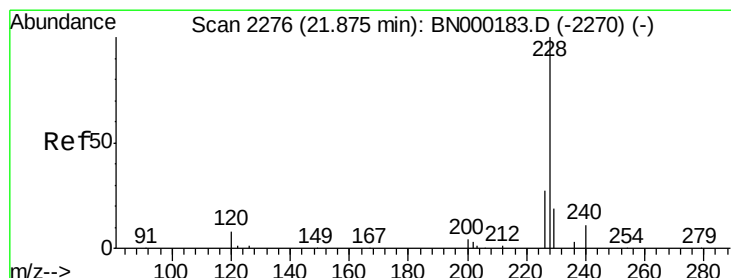
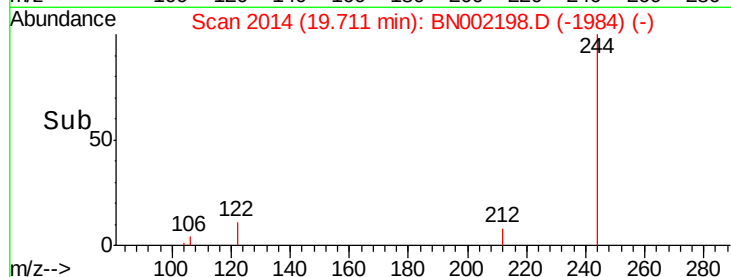
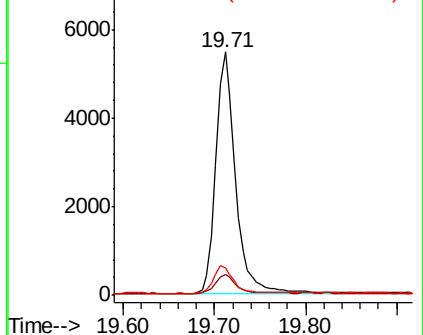
122 11.4 8.1 12.1



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: 0.094 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

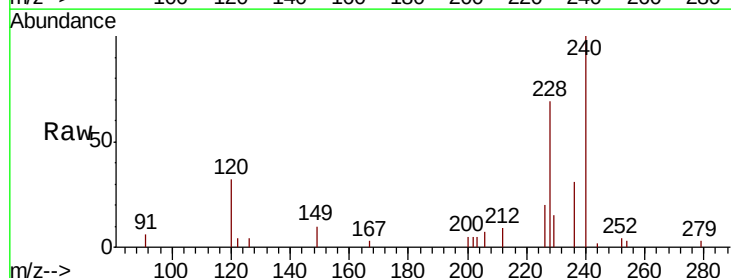
Tgt Ion:228 Resp: 2520

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

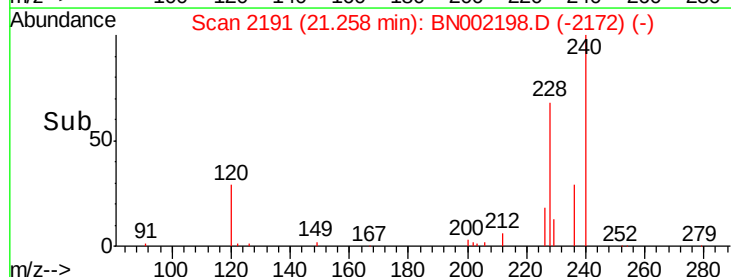
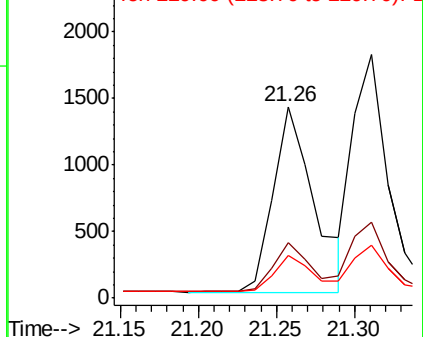
229 22.3 16.0 24.0

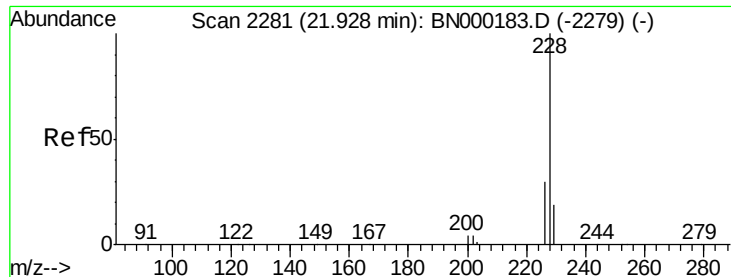


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.094 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

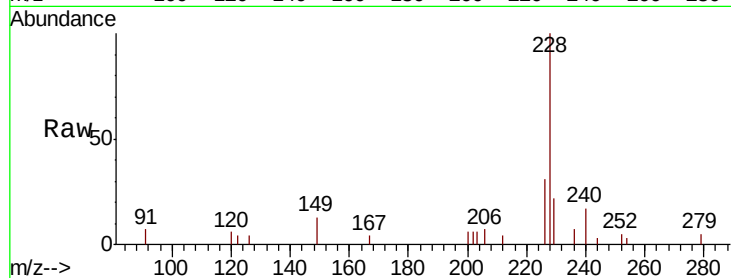
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 2813

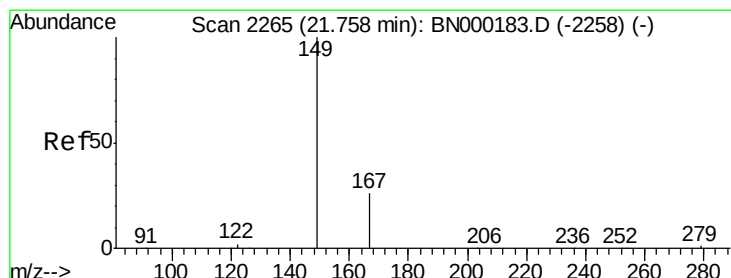
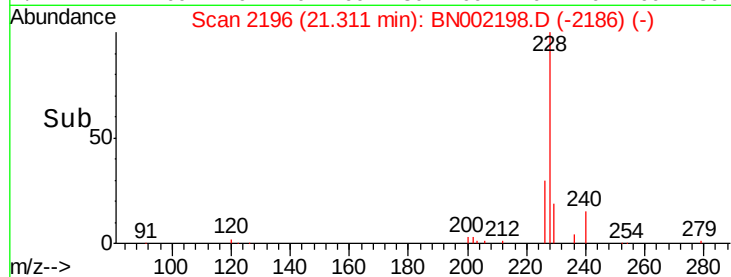
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	21.6	16.0	24.0



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: 0.095 ng

RT: 21.18 min Scan# 2184

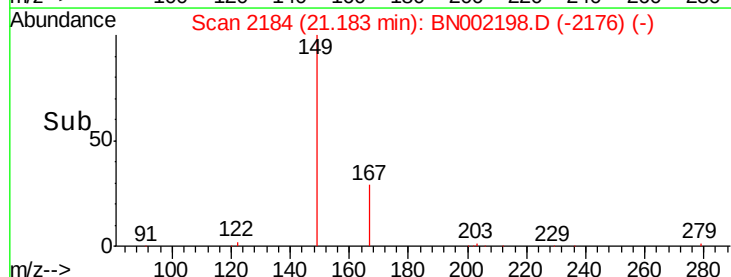
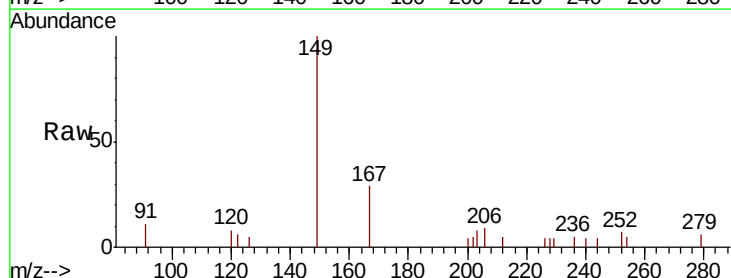
Delta R.T. -0.01 min

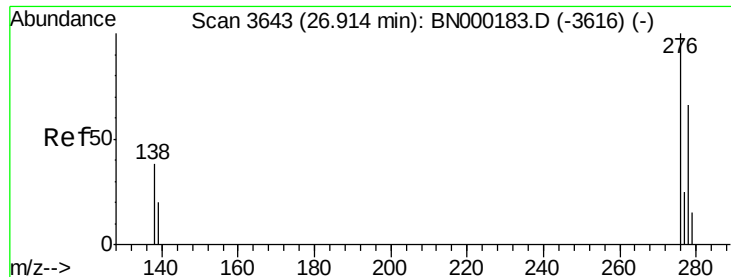
Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Tgt Ion:149 Resp: 1164

Ion	Ratio	Lower	Upper
149	100		
167	29.6	20.0	30.0
279	4.6	1.6	2.4

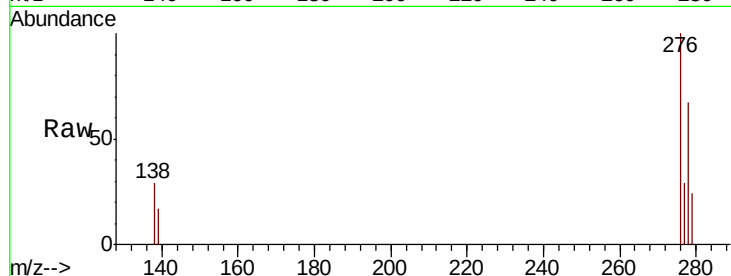




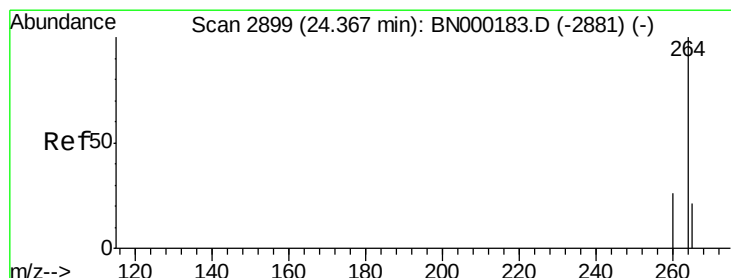
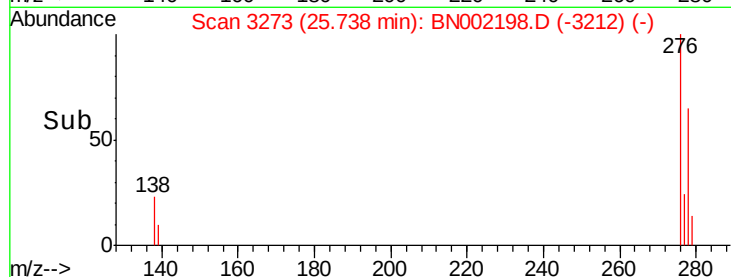
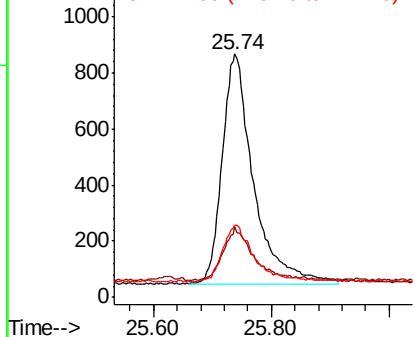
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.107 ng
 RT: 25.74 min Scan# 3273
 Delta R.T. 0.01 min
 Lab File: BN002198.D
 Acq: 30 Jul 2018 22:32

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 3023
 Ion Ratio Lower Upper
 276 100
 138 21.2 22.5 33.7#
 277 25.1 19.9 29.9

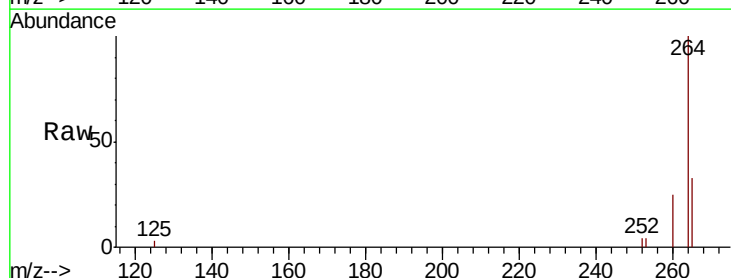


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

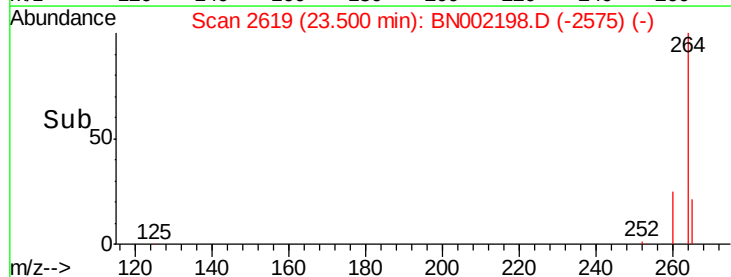
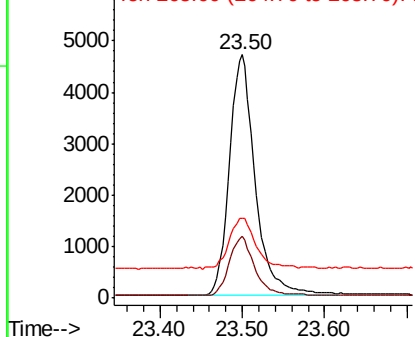


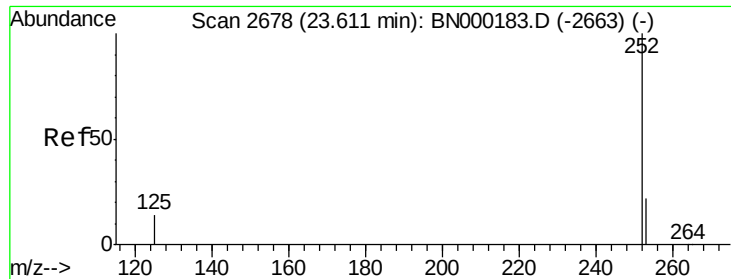
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BN002198.D
 Acq: 30 Jul 2018 22:32

Tgt Ion:264 Resp: 10207
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 33.0 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

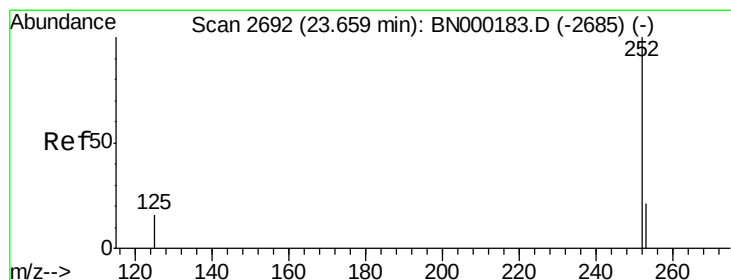
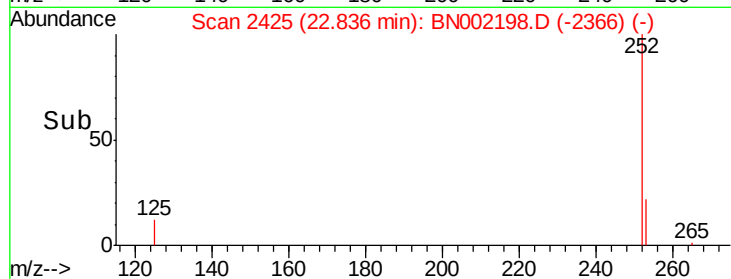
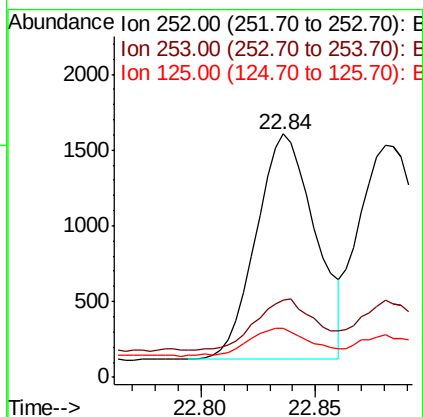
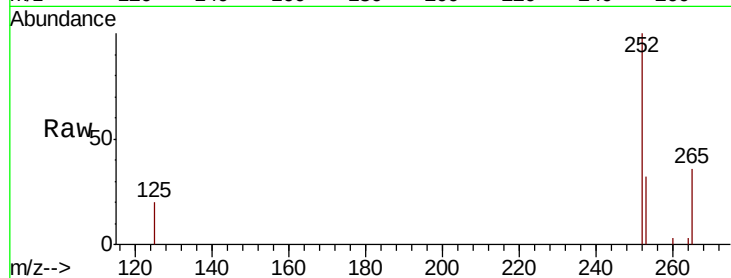




#35
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 22.84 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BN002198.D
Acq: 30 Jul 2018 22:32

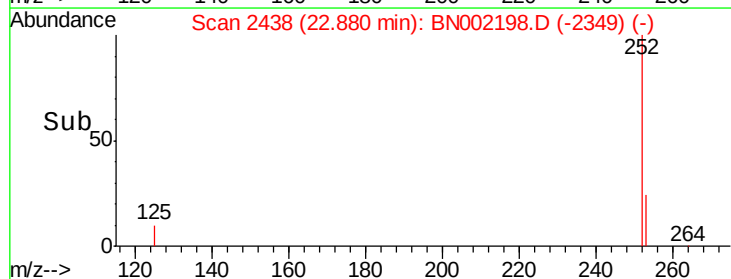
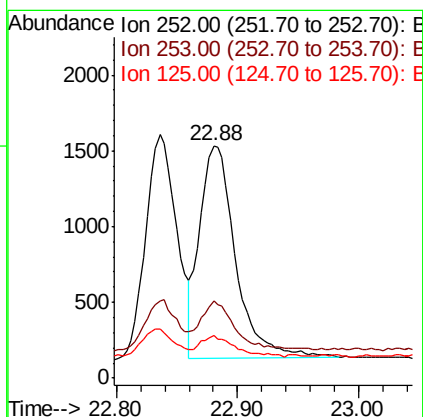
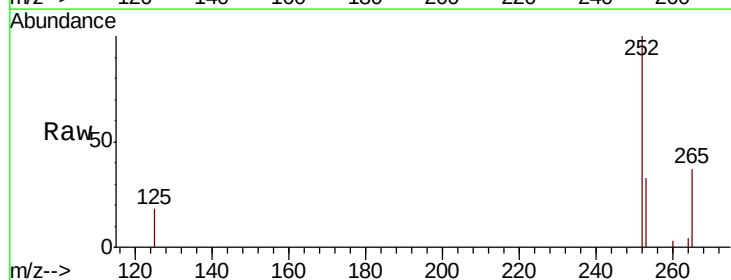
Instrument :
BNA_N
ClientSampleId :

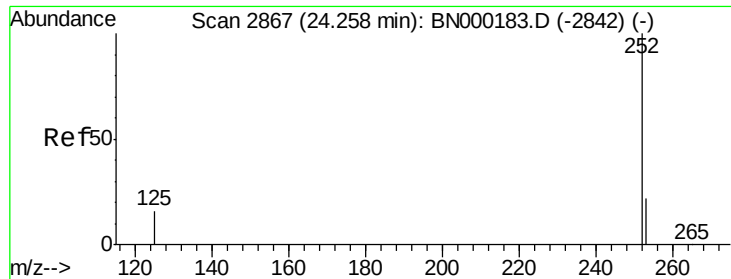
Tot Ion:252 Resp: 2674
Ion Ratio Lower Upper
252 100
253 31.9 20.0 30.0#
125 20.3 16.0 24.0



#36
Benzo(k)fluoranthene
Concen: 0.093 ng
RT: 22.88 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BN002198.D
Acq: 30 Jul 2018 22:32

Tgt Ion:252 Resp: 2897
Ion Ratio Lower Upper
252 100
253 33.3 16.0 24.0#
125 18.3 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.091 ng

RT: 23.41 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :

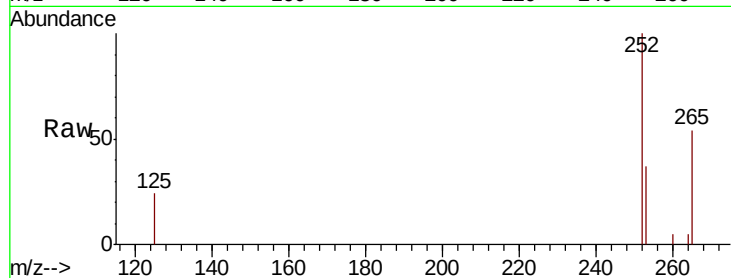
Tot Ion:252 Resp: 2465

Ion Ratio Lower Upper

252 100

253 36.6 16.0 24.0#

125 24.3 12.0 18.0#

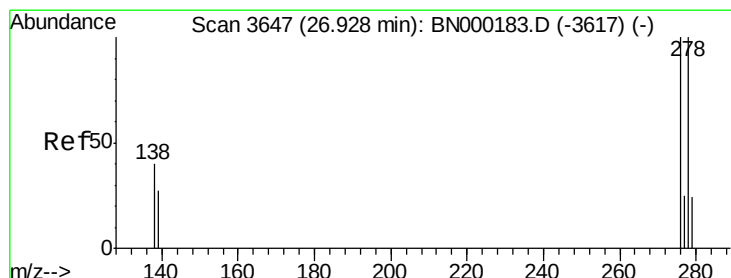
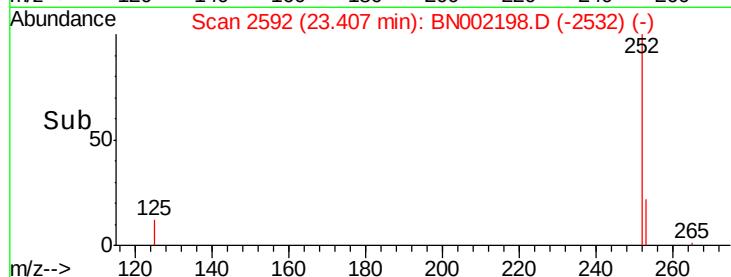
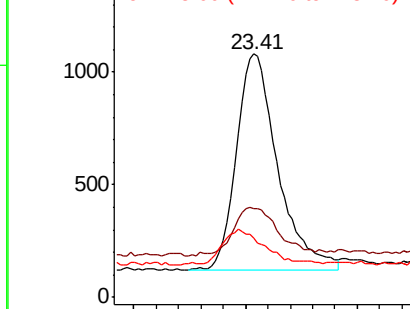


Abundance

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: 0.094 ng

RT: 25.75 min Scan# 3276

Delta R.T. 0.01 min

Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

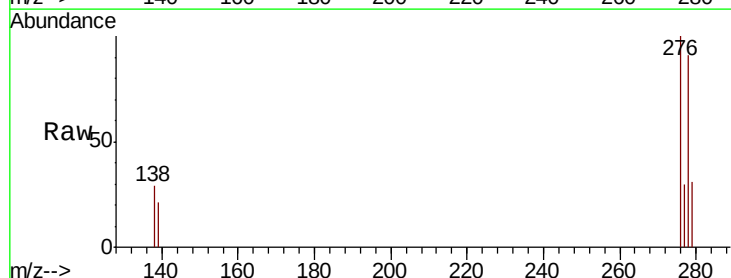
Tgt Ion:278 Resp: 2479

Ion Ratio Lower Upper

278 100

139 23.1 16.0 24.0

279 33.7 20.0 30.0#

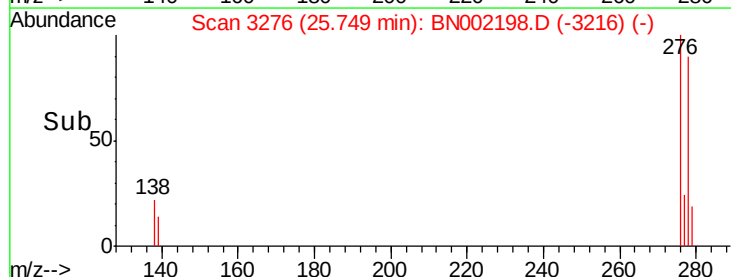
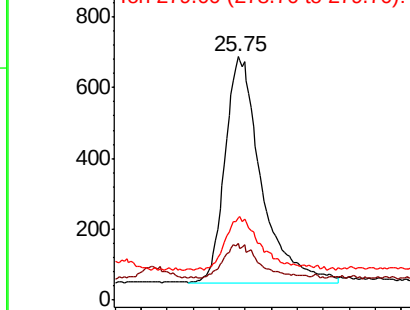


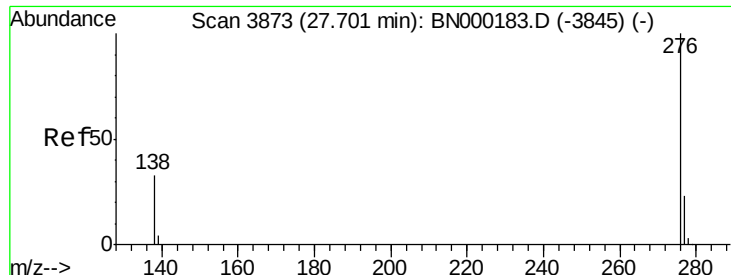
Abundance

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(a,h,i)perylene

Concen: 0.098 ng

RT: 26.41 min Scan# 3470

Delta R.T. 0.01 min

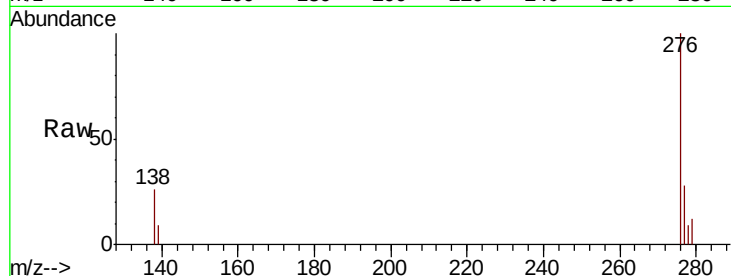
Lab File: BN002198.D

Acq: 30 Jul 2018 22:32

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	2662
Ion	Ratio	Lower	Upper
276	100		
277	27.9	16.0	24.0#
138	26.1	20.0	30.0

