

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002197.D
 Acq On : 30 Jul 2018 21:56
 Operator : JU/SJ
 Sample : J3762-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

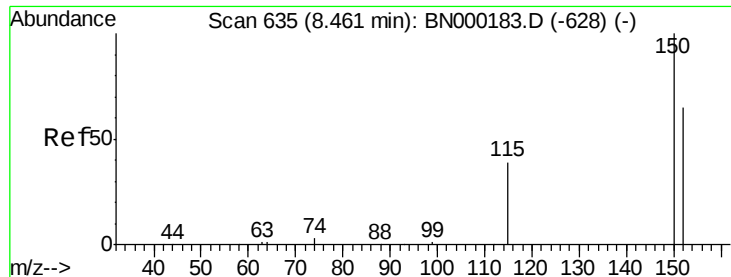
Quant Time: Jul 31 01:26:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3132	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	12745	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	6780	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	13770	0.40	ng	0.00
27) Chrysene-d12	21.27	240	10431	0.40	ng	0.00
34) Perylene-d12	23.50	264	9834	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2309	0.32	ng	0.00
5) Phenol-d6	6.88	99	2619	0.29	ng	0.00
8) Nitrobenzene-d5	8.84	82	3192	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	6629	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	733	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	9403	0.36	ng	0.00
25) Fluoranthene-d10	19.11	212	11381	0.33	ng	0.00
29) Terphenyl-d14	19.71	244	7817	0.35	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	701	0.199	ng	92
3) n-Nitrosodimethylamine	3.63	42	247	0.192	ng	# 93
6) bis(2-Chloroethyl)ether	7.14	93	1385	0.162	ng	# 84
9) Naphthalene	10.52	128	5377	0.187	ng	# 94
10) Hexachlorobutadiene	10.80	225	1204	0.194	ng	# 56
12) 2-Methylnaphthalene	12.14	142	3473	0.179	ng	99
16) Acenaphthylene	14.04	152	5057	0.175	ng	100
17) Acenaphthene	14.38	154	3459	0.186	ng	96
18) Fluorene	15.38	166	4044	0.176	ng	# 79
20) 4-Bromophenyl-phenylether	16.27	248	1383	0.177	ng	# 84
21) Hexachlorobenzene	16.38	284	1676	0.194	ng	96
22) Pentachlorophenol	16.76	266	179	0.176	ng	# 74
23) Phenanthrene	17.11	178	6169	0.180	ng	99
24) Anthracene	17.21	178	4554	0.161	ng	96
26) Fluoranthene	19.14	202	6058	0.162	ng	97
28) Pyrene	19.50	202	6098	0.198	ng	99
30) Benzo(a)anthracene	21.26	228	4533	0.173	ng	96
31) Chrysene	21.31	228	5745	0.196	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	2020	0.168	ng	# 93
33) Indeno(1,2,3-cd)pyrene	25.74	276	5819	0.210	ng	# 93
35) Benzo(b)fluoranthene	22.84	252	5165	0.179	ng	# 92
36) Benzo(k)fluoranthene	22.88	252	5524	0.184	ng	# 88
37) Benzo(a)pyrene	23.40	252	4806	0.183	ng	# 83
38) Dibenzo(a,h)anthracene	25.75	278	4852	0.190	ng	96
39) Benzo(g,h,i)perylene	26.41	276	5073	0.195	ng	# 93

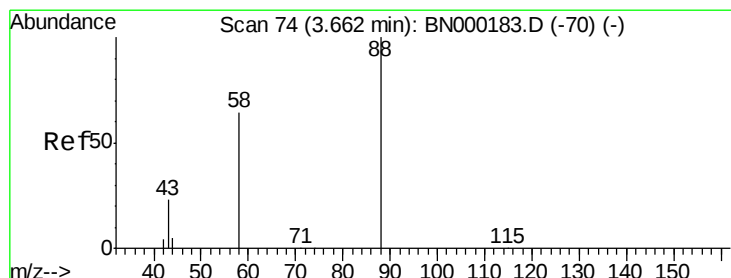
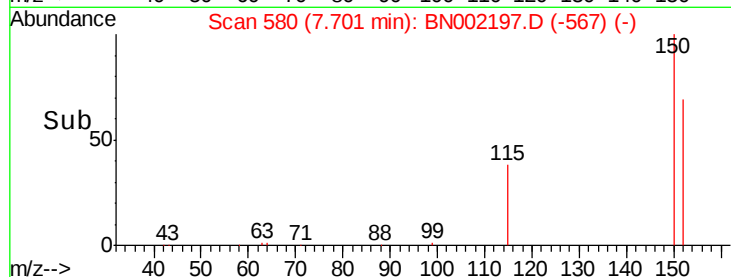
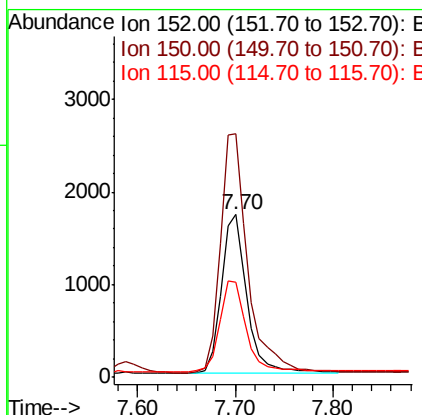
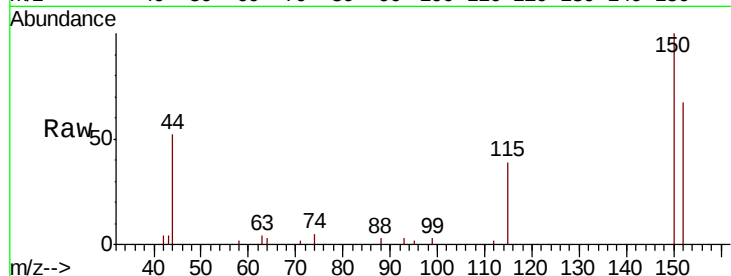
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.70 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BN002197.D
 Acq: 30 Jul 2018 21:56

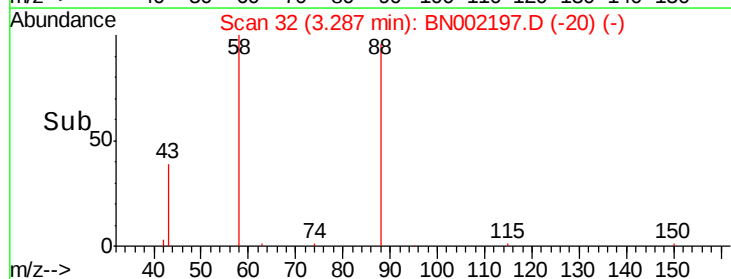
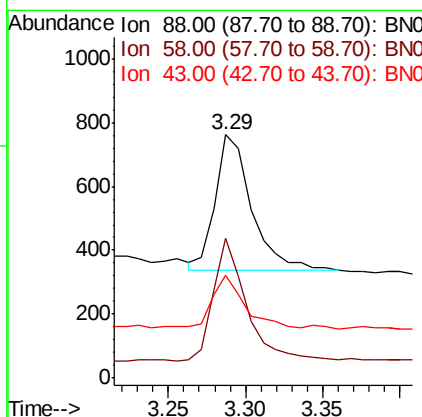
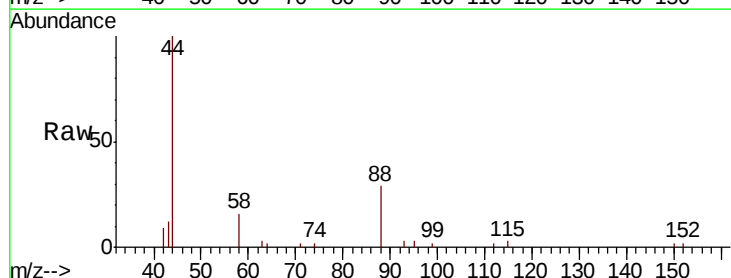
Instrument :
 BNA_N
 ClientSampleId :

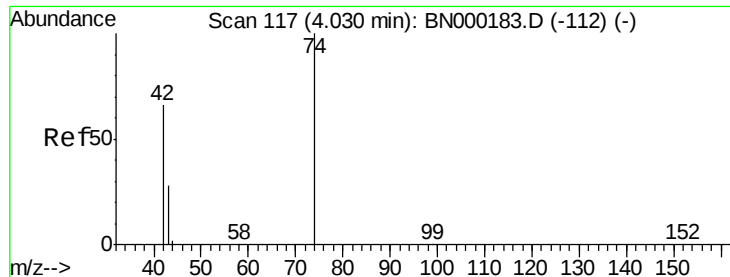
Tot Ion: 152 Resp: 3132
 Ion Ratio Lower Upper
 152 100
 150 149.6 117.2 175.8
 115 58.2 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.199 ng
 RT: 3.29 min Scan# 32
 Delta R.T. -0.00 min
 Lab File: BN002197.D
 Acq: 30 Jul 2018 21:56

Tgt Ion: 88 Resp: 701
 Ion Ratio Lower Upper
 88 100
 58 81.5 72.0 108.0
 43 31.7 28.0 42.0



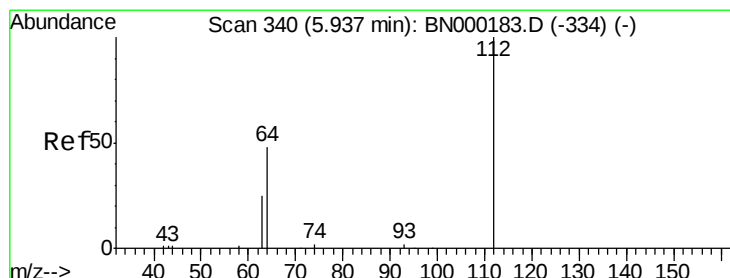
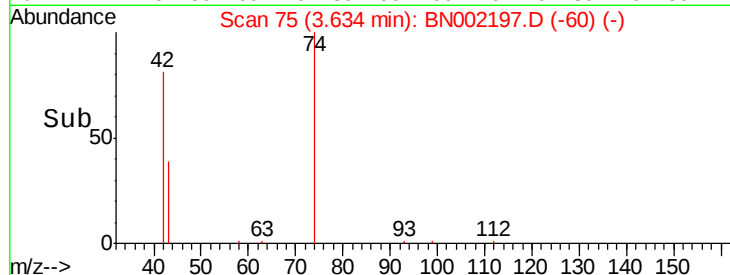
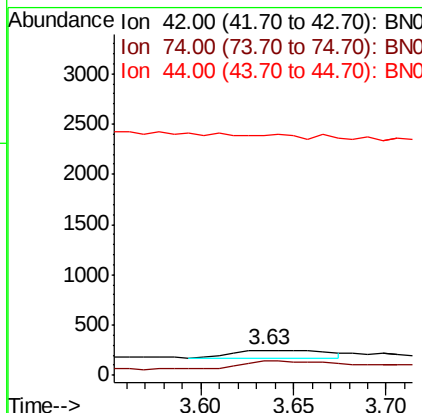
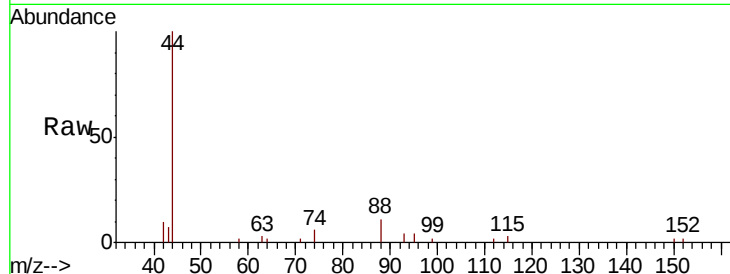


#3

n-Nitrosodimethylamine
 Concen: 0.192 ng
 RT: 3.63 min Scan# 75
 Delta R.T. 0.02 min
 Lab File: BN002197.D
 Acq: 30 Jul 2018 21:56

Instrument :
 BNA_N
 ClientSampleId :

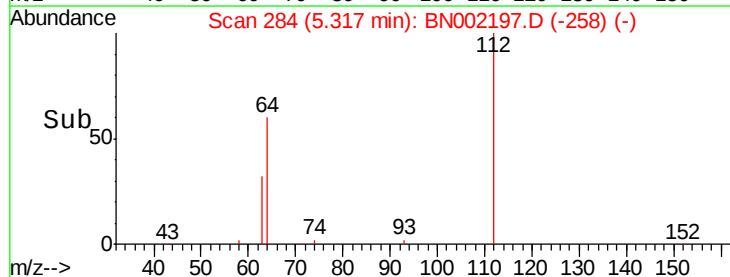
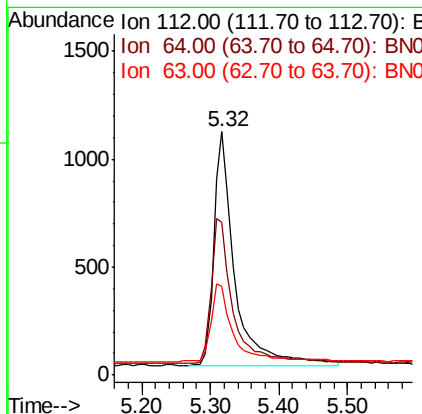
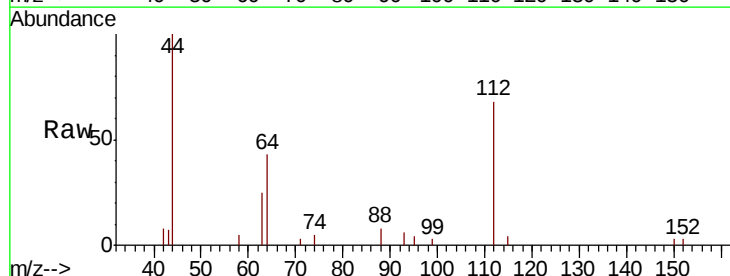
Tot Ion: 42 Resp: 247
 Ion Ratio Lower Upper
 42 100
 74 109.7 88.0 132.0
 44 0.0 16.0 24.0#

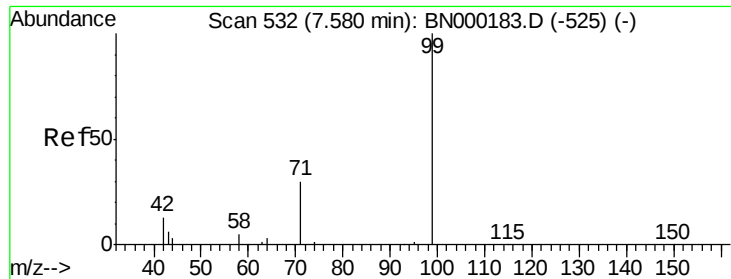


#4

2-Fluorophenol
 Concen: 0.316 ng
 RT: 5.32 min Scan# 284
 Delta R.T. 0.01 min
 Lab File: BN002197.D
 Acq: 30 Jul 2018 21:56

Tgt Ion: 112 Resp: 2309
 Ion Ratio Lower Upper
 112 100
 64 66.4 60.1 90.1
 63 37.2 116.8 175.2#





#5

Phenol-d6

Concen: 0.295 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Instrument :

BNA_N

ClientSampleId :

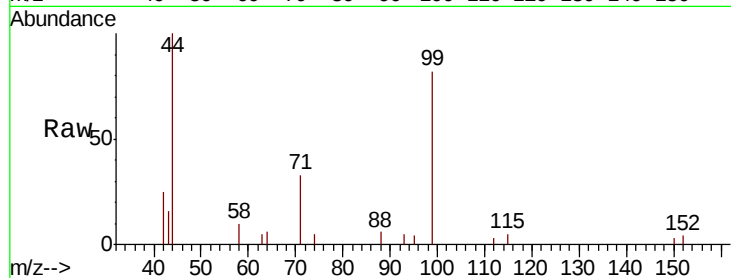
Tot Ion: 99 Resp: 2619

Ion Ratio Lower Upper

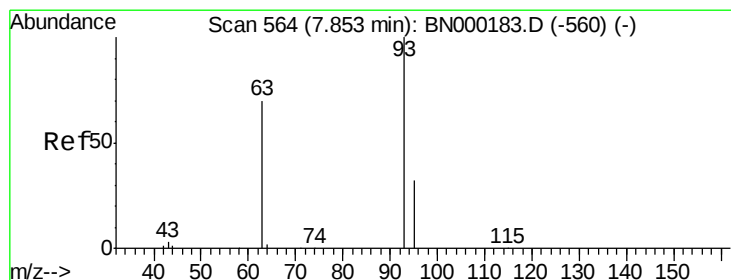
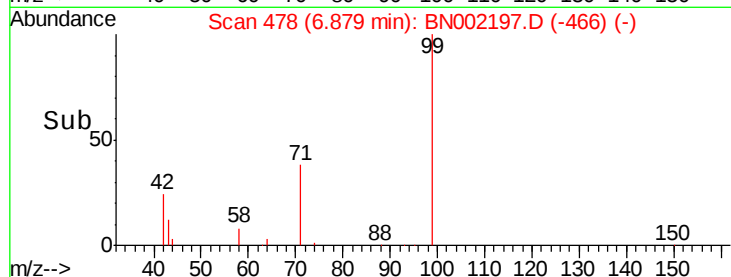
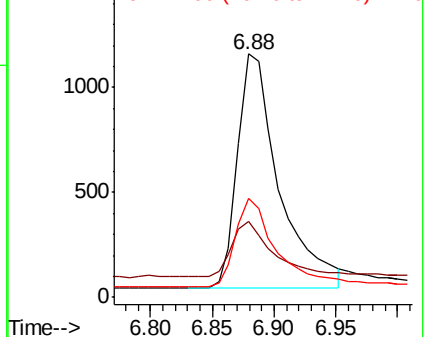
99 100

42 23.5 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: 0.162 ng

RT: 7.14 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

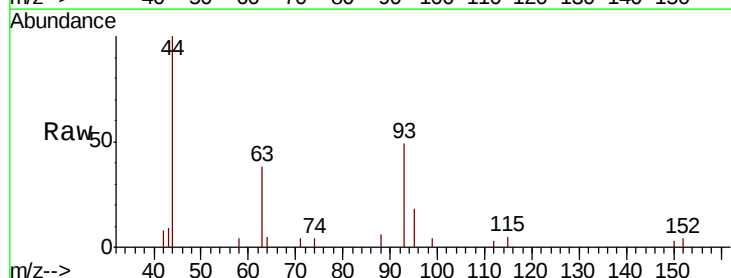
Tgt Ion: 93 Resp: 1385

Ion Ratio Lower Upper

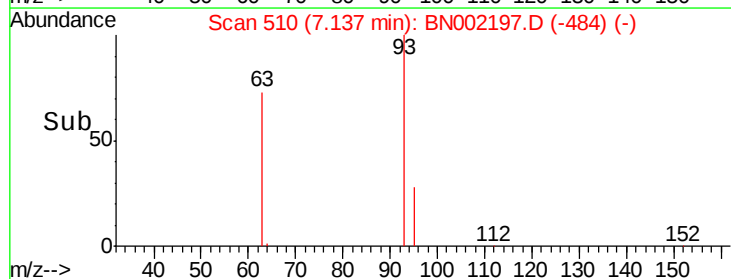
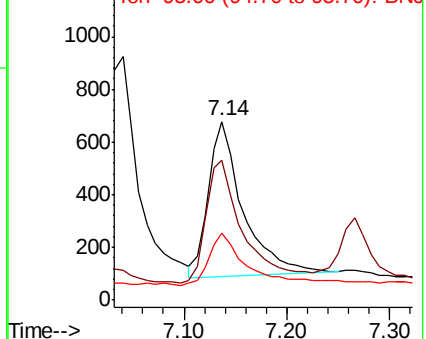
93 100

63 84.5 56.0 84.0#

95 39.1 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: BN002197.D

Acq: 30 Jul 2018 21:56

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12745

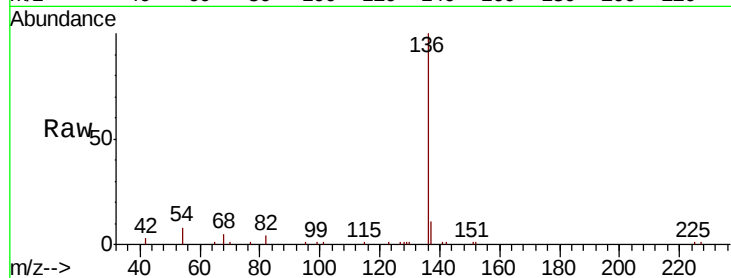
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 8.3 29.1 43.7#

68 5.4 6.2 9.2#

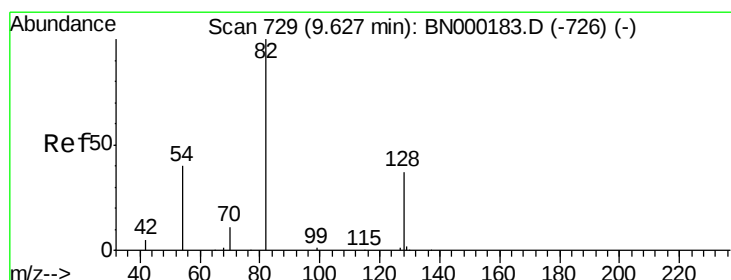
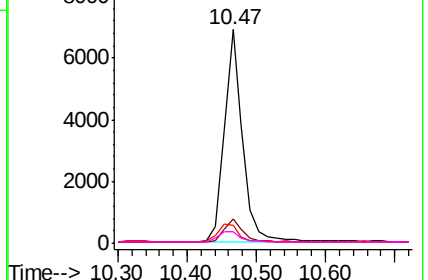
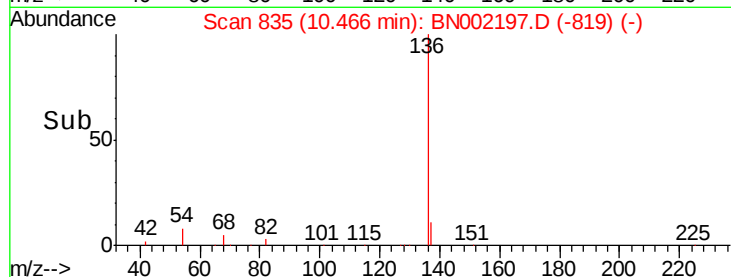


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

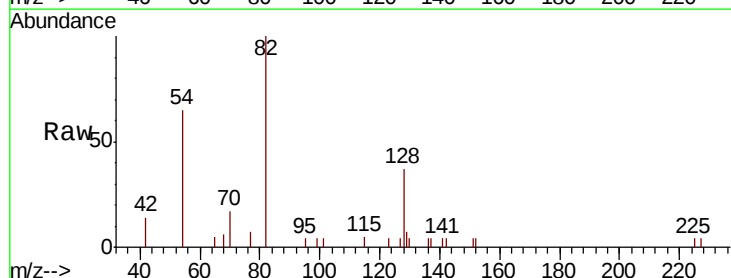
Tgt Ion: 82 Resp: 3192

Ion Ratio Lower Upper

82 100

128 36.8 150.0 225.0#

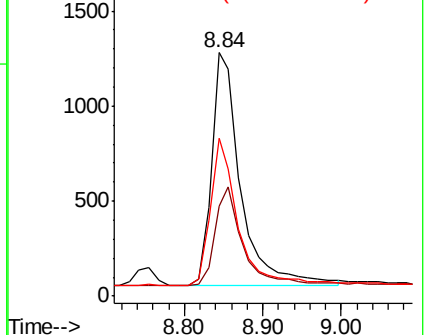
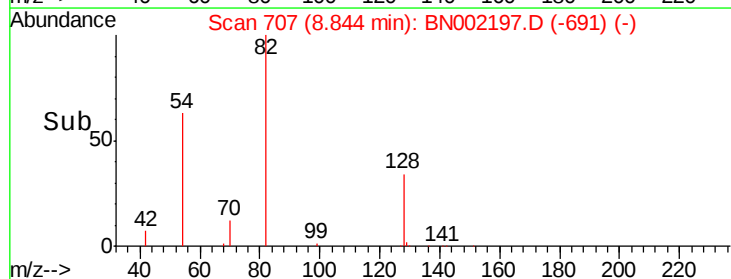
54 64.9 154.2 231.4#

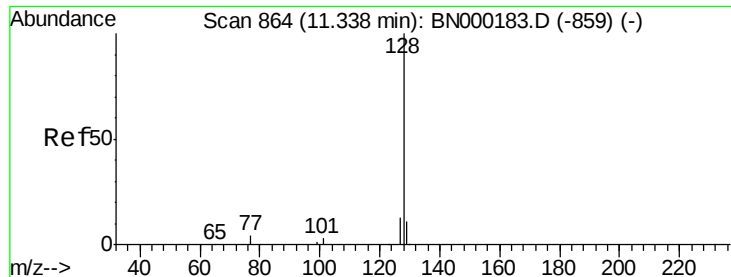


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.187 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Instrument :

BNA_N

ClientSampleId :

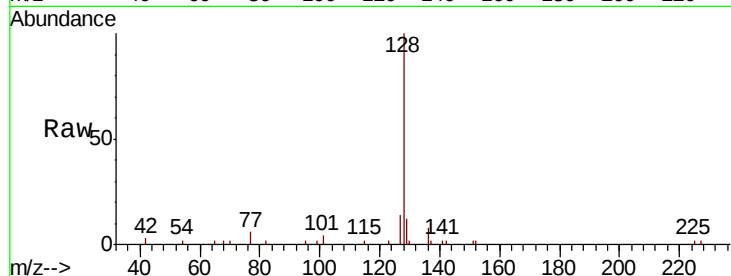
Tot Ion:128 Resp: 5377

Ion Ratio Lower Upper

128 100

129 12.4 8.0 12.0#

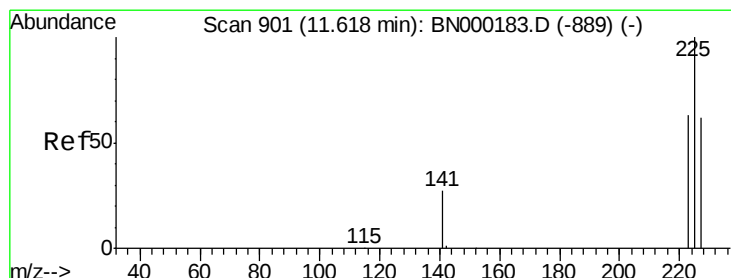
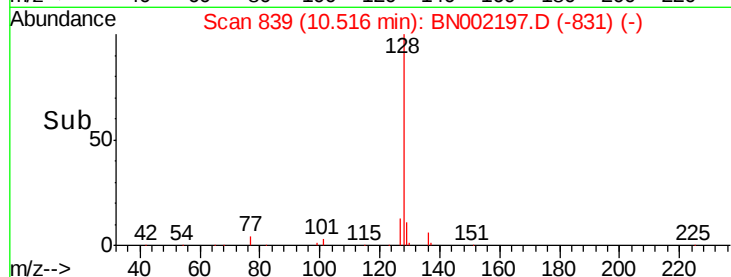
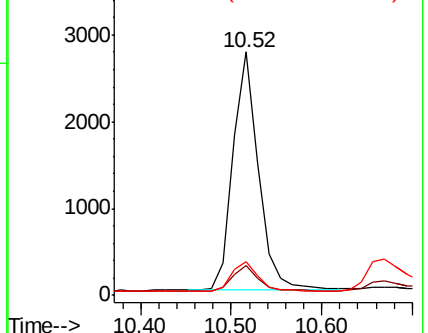
127 14.1 9.6 14.4



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: 0.194 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

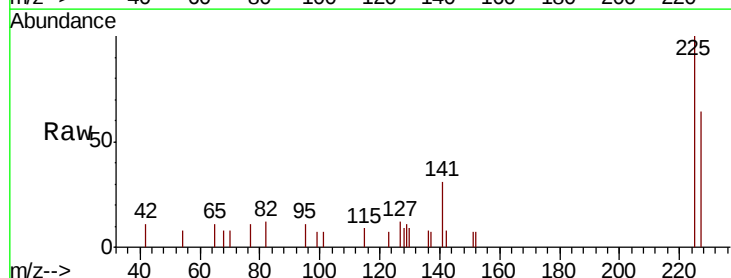
Tgt Ion:225 Resp: 1204

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

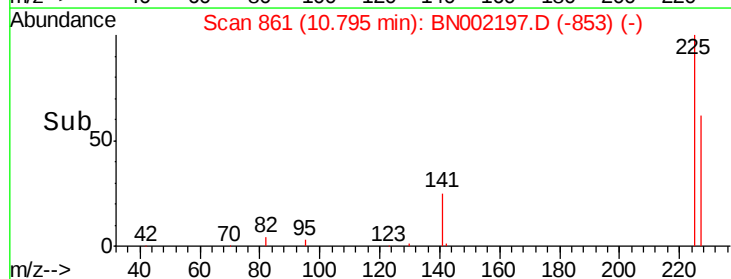
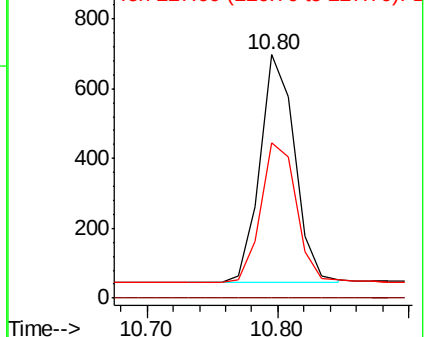
227 62.4 48.0 72.0

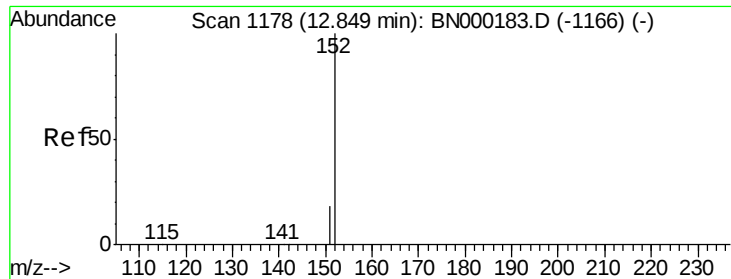


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

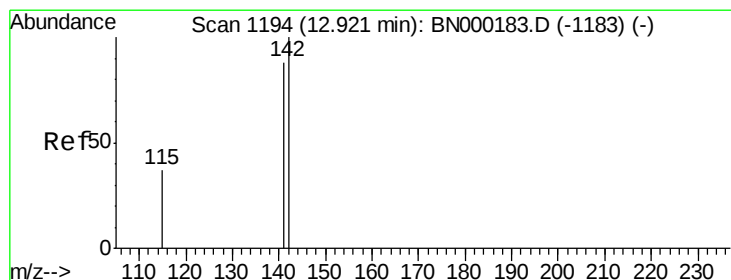
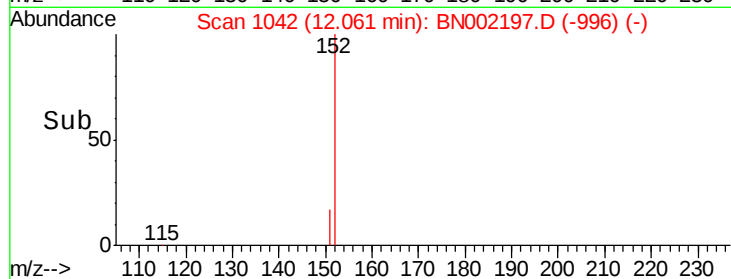
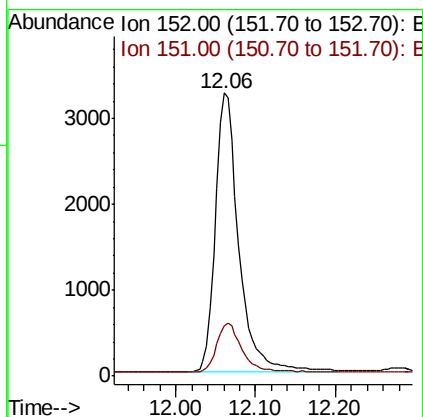
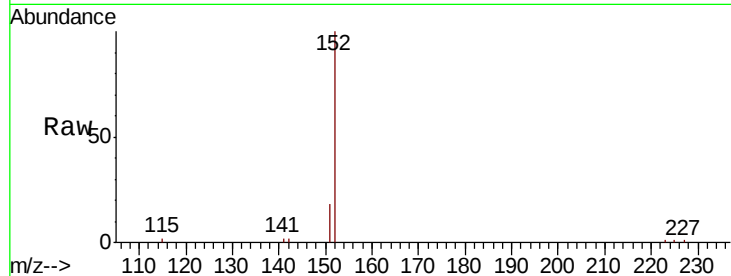




#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.06 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BN002197.D
Acq: 30 Jul 2018 21:56

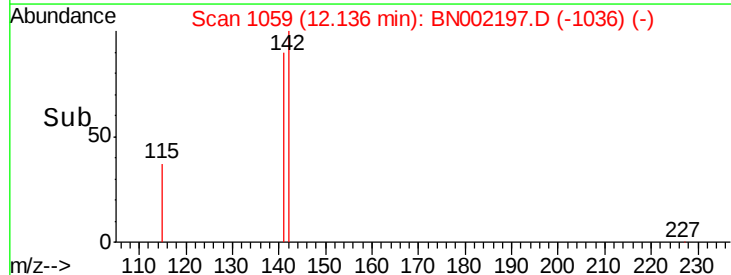
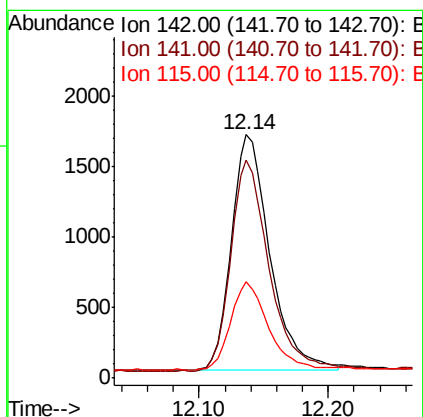
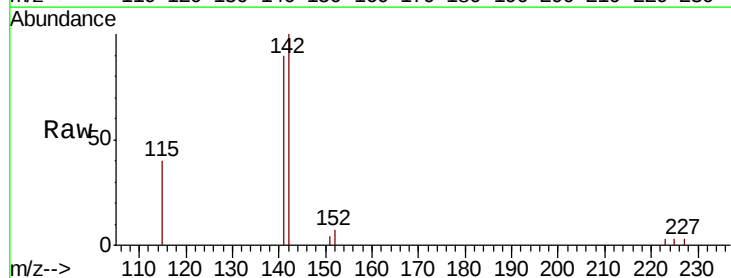
Instrument :
BNA_N
ClientSampleId :

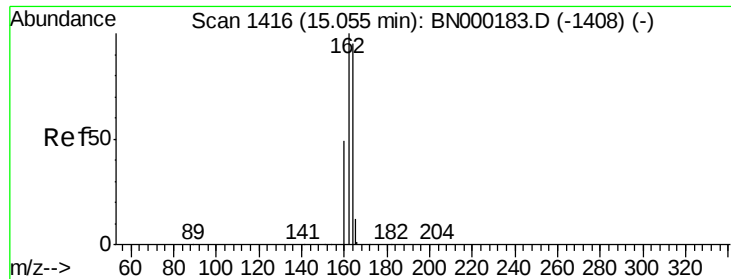
Tot Ion:152 Resp: 6629
Ion Ratio Lower Upper
152 100
151 18.8 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.179 ng
RT: 12.14 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BN002197.D
Acq: 30 Jul 2018 21:56

Tgt Ion:142 Resp: 3473
Ion Ratio Lower Upper
142 100
141 89.6 70.4 105.6
115 39.6 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

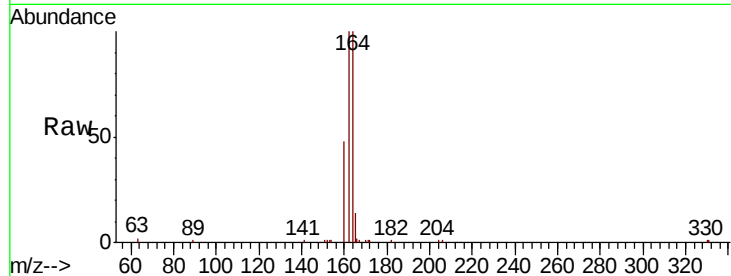
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 6780

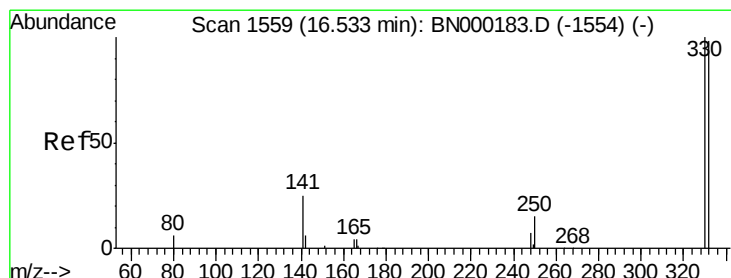
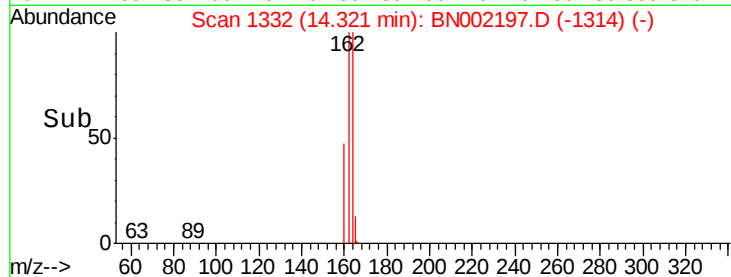
Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.1	124.7
160	47.5	37.1	55.7



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: 0.253 ng

RT: 15.83 min Scan# 1467

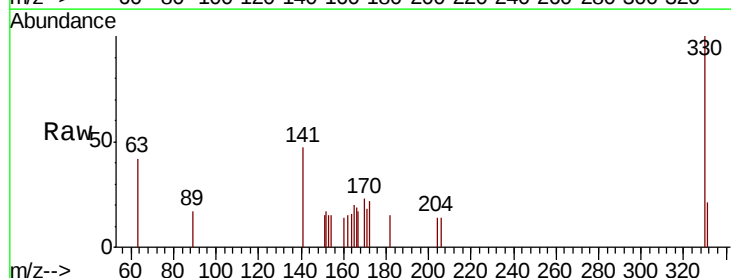
Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Tgt Ion:330 Resp: 733

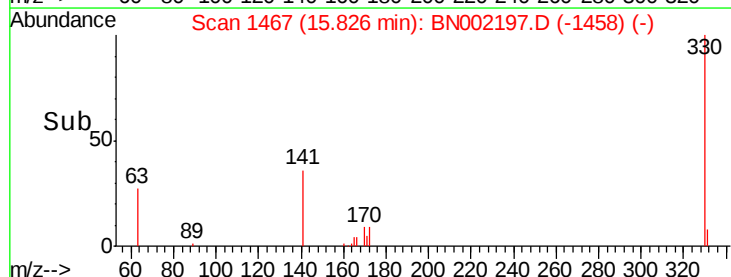
Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	36.8	33.7	50.5

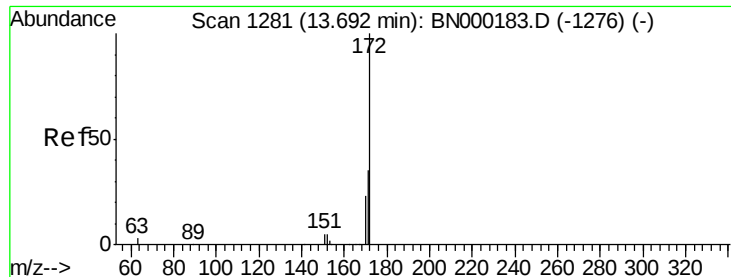


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

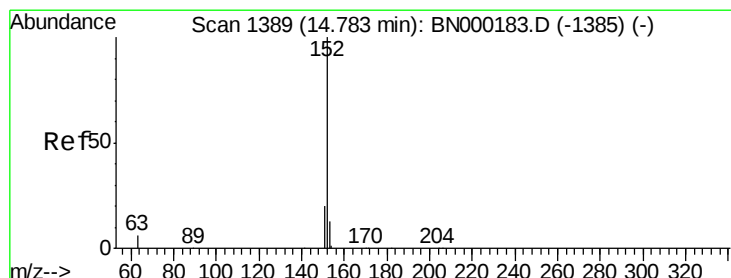
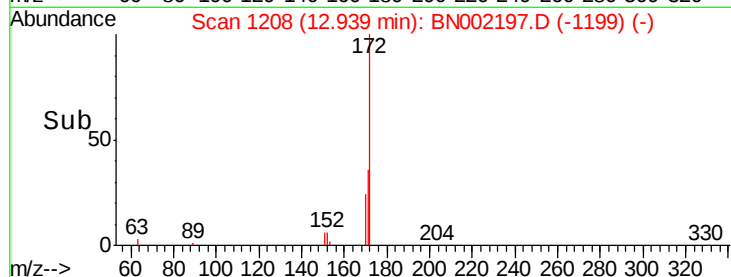
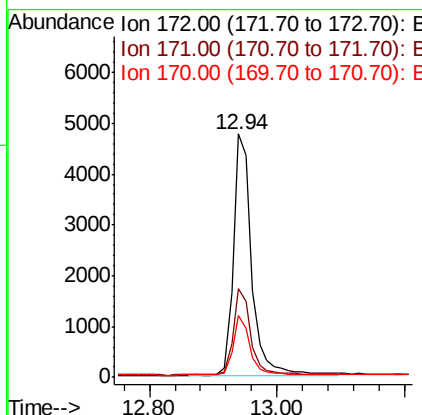
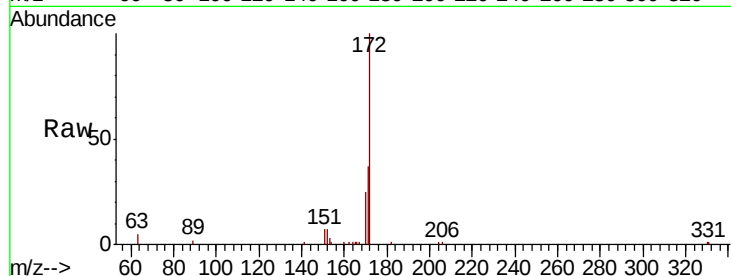




#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002197.D
Acq: 30 Jul 2018 21:56

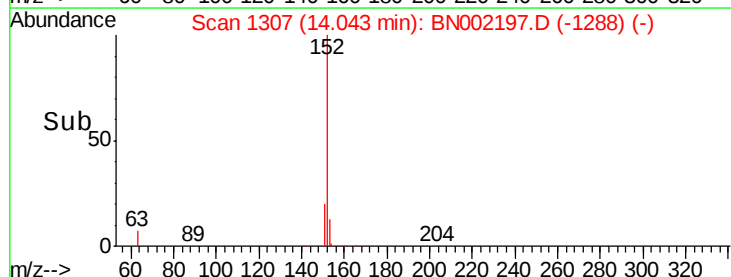
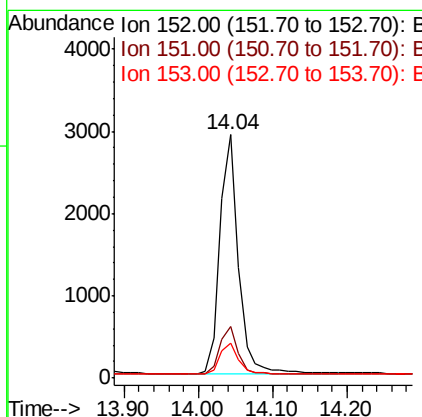
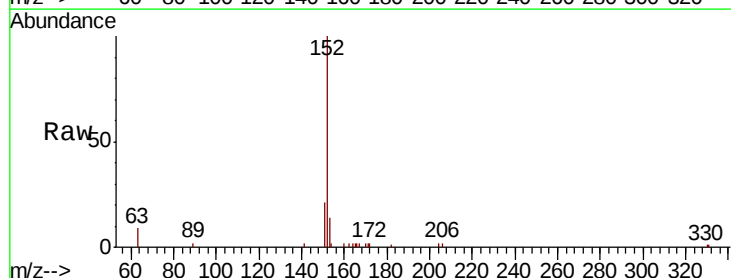
Instrument :
BNA_N
ClientSampleId :

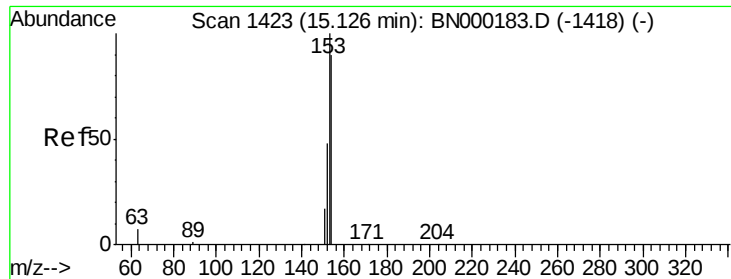
Tot Ion:172 Resp: 9403
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 25.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.175 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN002197.D
Acq: 30 Jul 2018 21:56

Tgt Ion:152 Resp: 5057
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.186 ng

RT: 14.38 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Instrument :

BNA_N

ClientSampleId :

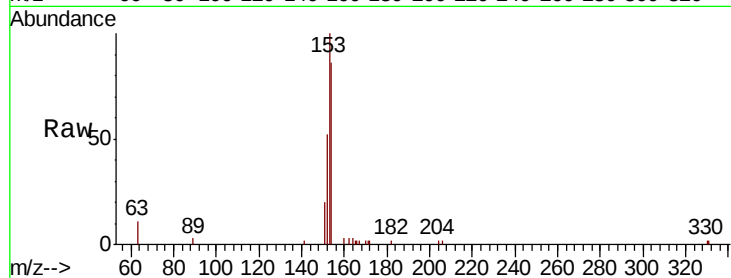
Tot Ion:154 Resp: 3459

Ion Ratio Lower Upper

154 100

153 114.4 89.2 133.8

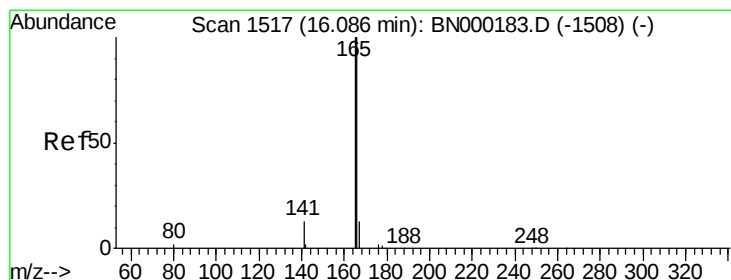
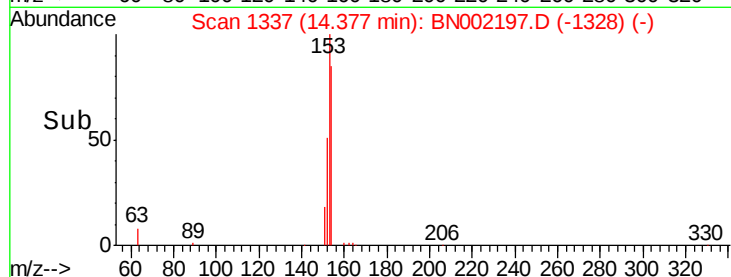
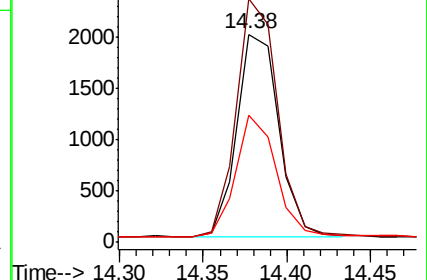
152 56.5 42.0 63.0



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: 0.176 ng

RT: 15.38 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

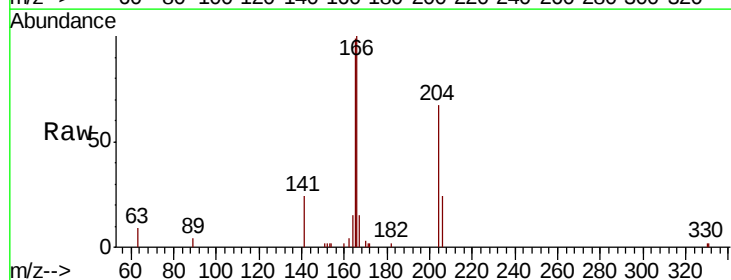
Tgt Ion:166 Resp: 4044

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.6

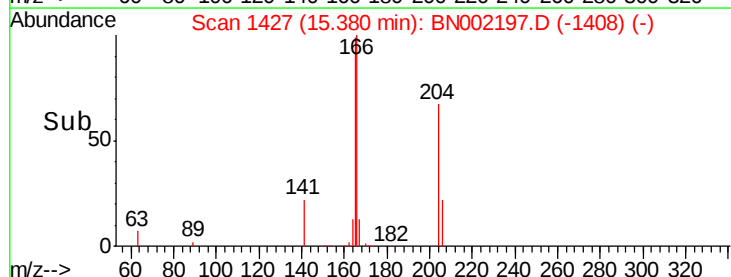
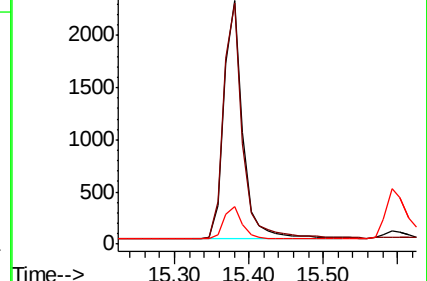
167 13.8 42.4 63.6#

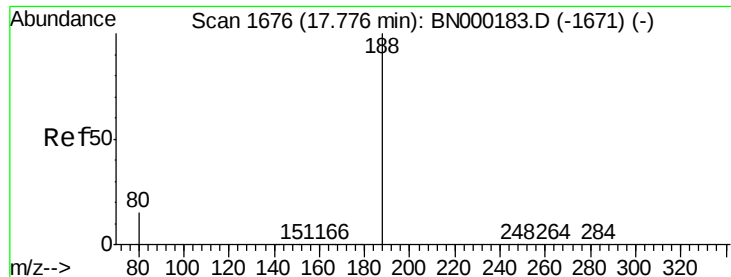


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Instrument :

BNA_N

ClientSampleId :

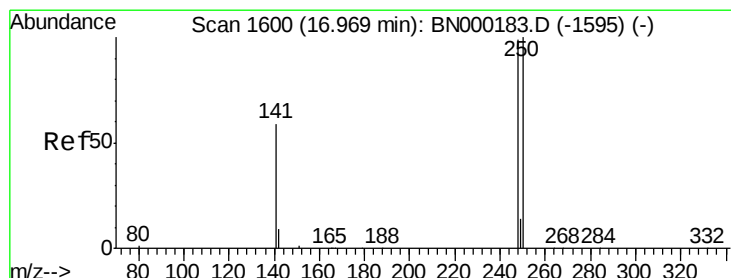
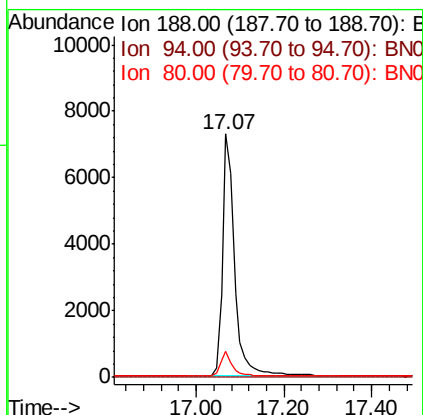
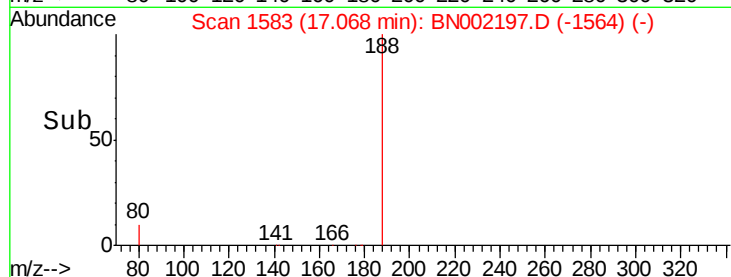
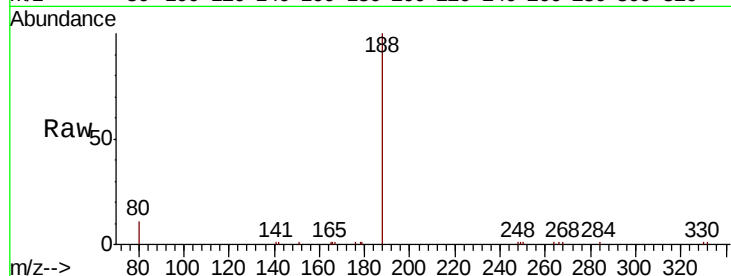
Tot Ion:188 Resp: 13770

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 10.9 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.177 ng

RT: 16.27 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

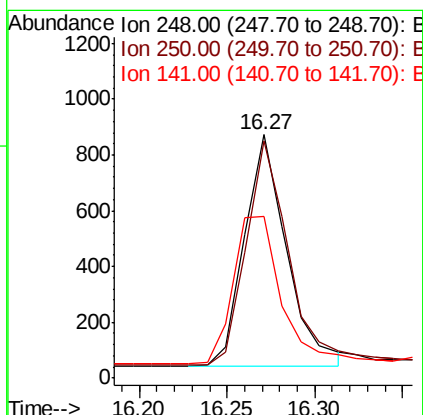
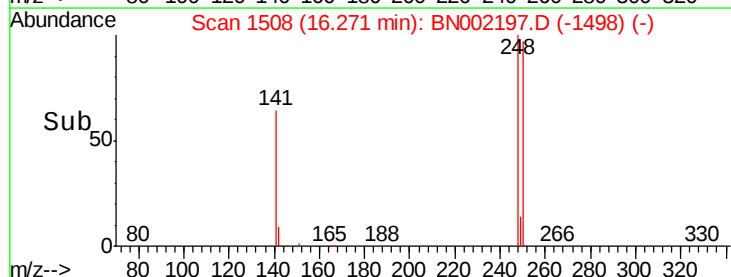
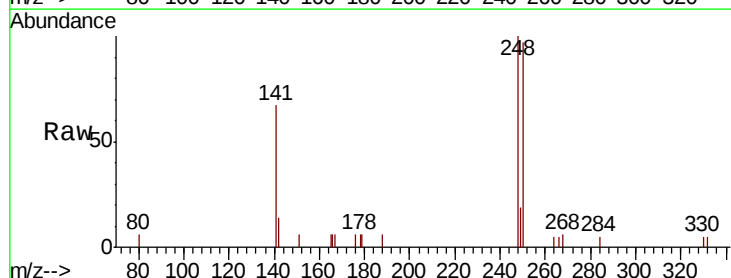
Tgt Ion:248 Resp: 1383

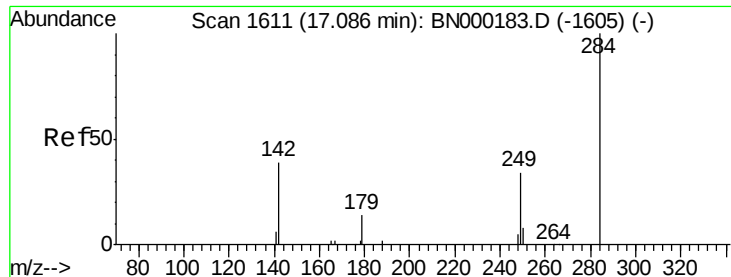
Ion Ratio Lower Upper

248 100

250 97.5 62.7 94.1#

141 66.6 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.194 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Instrument :

BNA_N

ClientSampled :

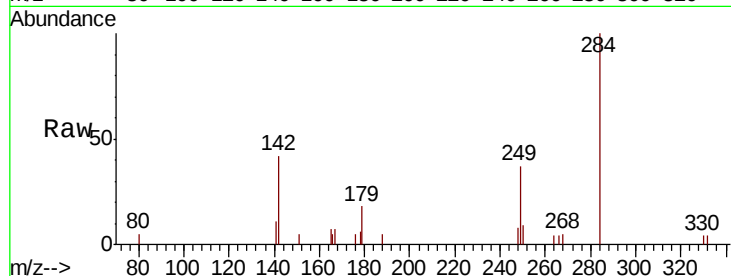
Tot Ion:284 Resp: 1676

Ion Ratio Lower Upper

284 100

142 36.3 32.0 48.0

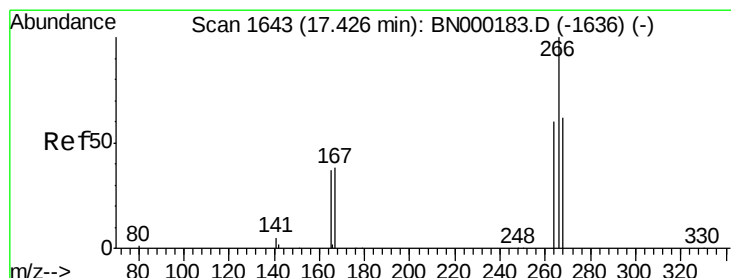
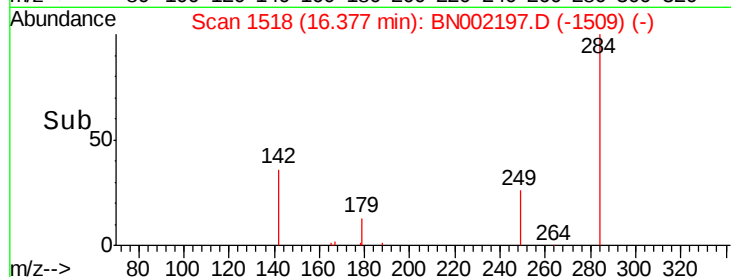
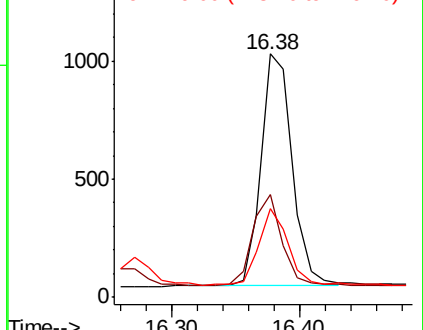
249 30.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.176 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.02 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

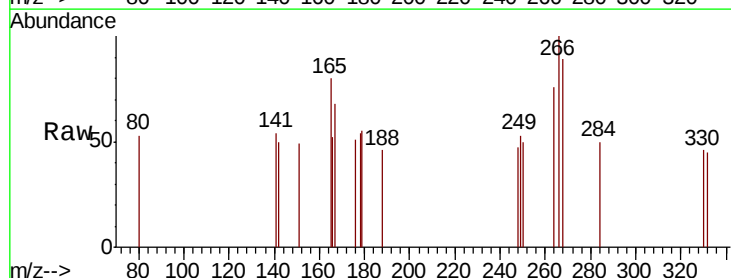
Tgt Ion:266 Resp: 179

Ion Ratio Lower Upper

266 100

264 75.5 48.0 72.0#

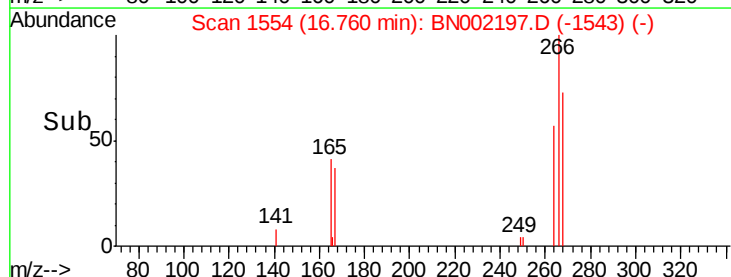
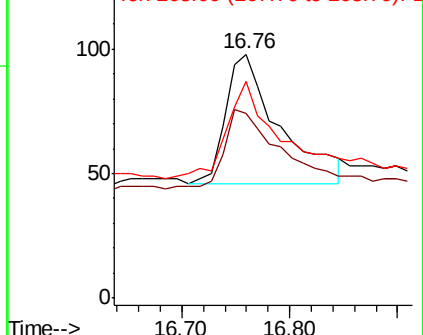
268 88.8 52.0 78.0#



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: 0.180 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Instrument :

BNA_N

ClientSampleId :

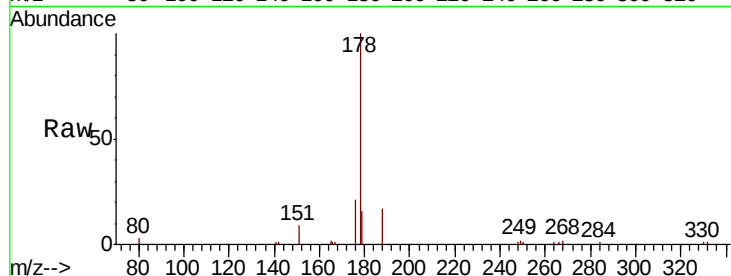
Tot Ion:178 Resp: 6169

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

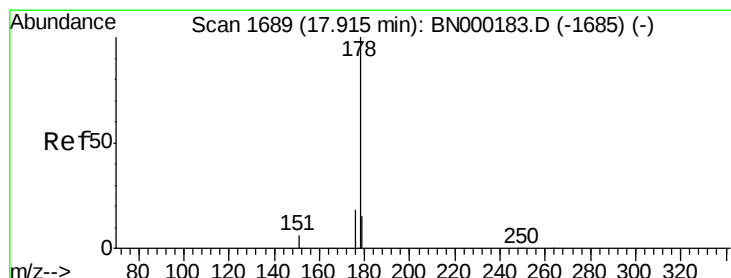
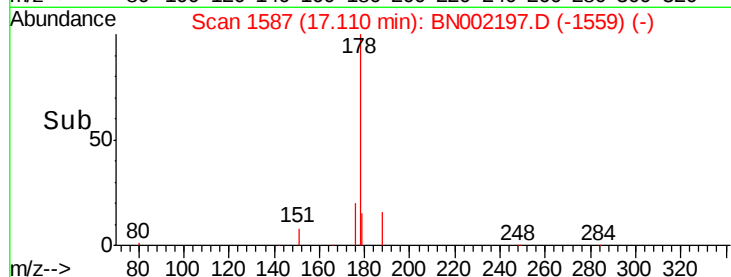
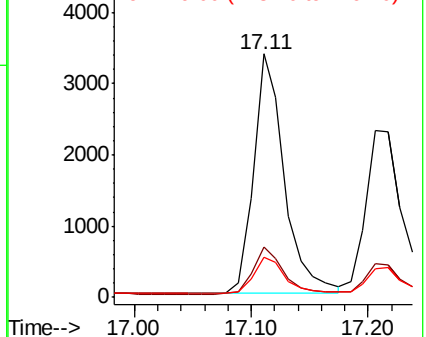
179 15.8 11.8 17.6



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: 0.161 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

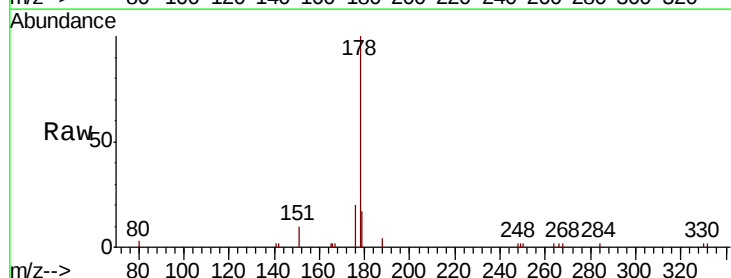
Tgt Ion:178 Resp: 4554

Ion Ratio Lower Upper

178 100

176 18.1 12.8 19.2

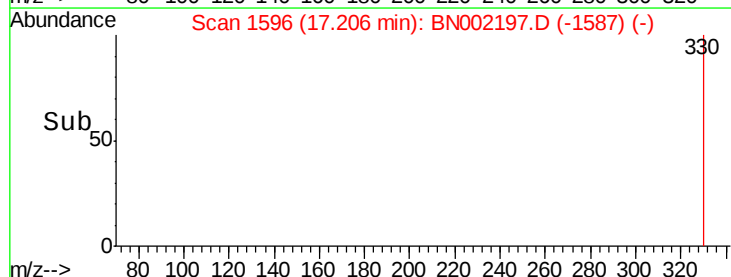
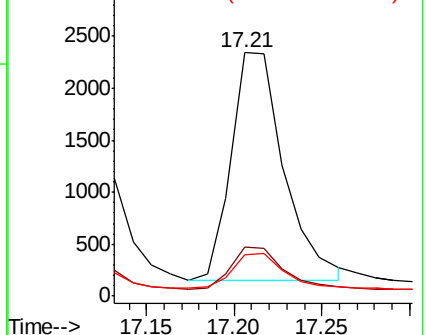
179 14.6 13.0 19.6

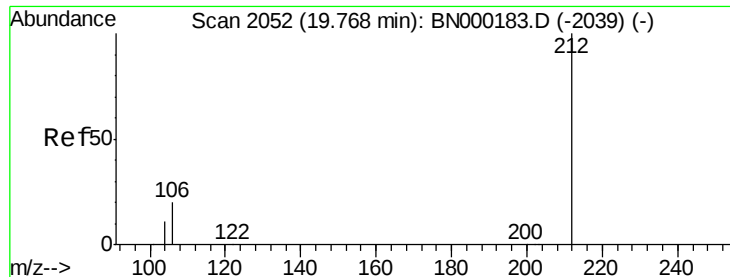


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

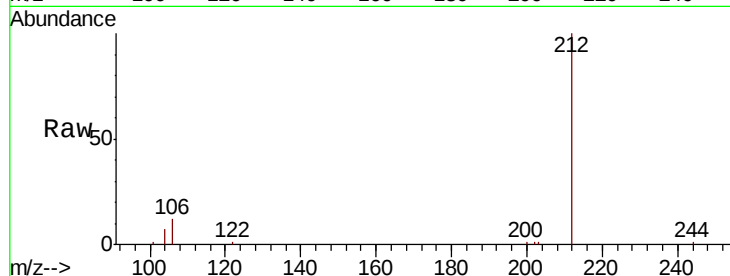




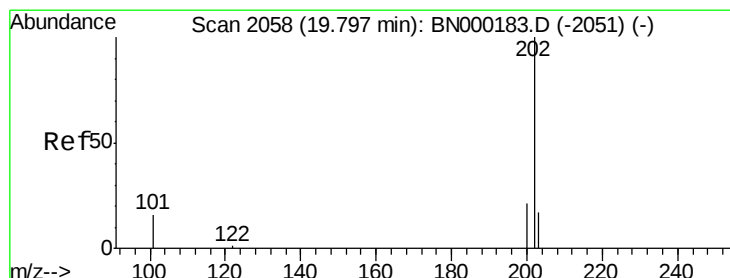
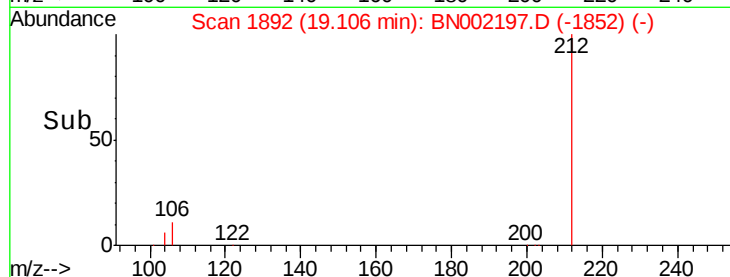
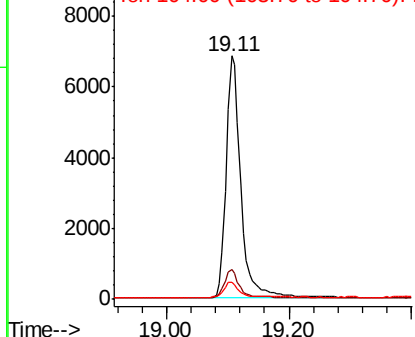
#25
 Fluoranthene-d10
 Concen: 0.335 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. -0.00 min
 Lab File: BN002197.D
 Acq: 30 Jul 2018 21:56

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 11381
 Ion Ratio Lower Upper
 212 100
 106 11.2 2.8 4.2#
 104 6.3 1.6 2.4#

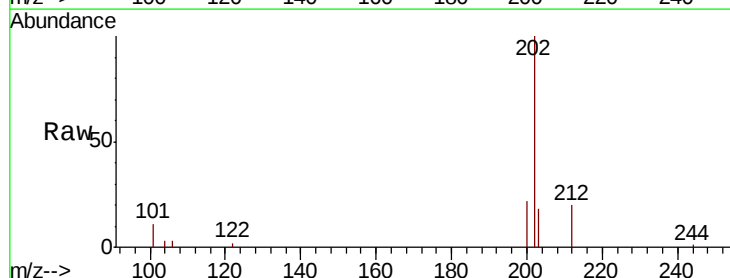


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

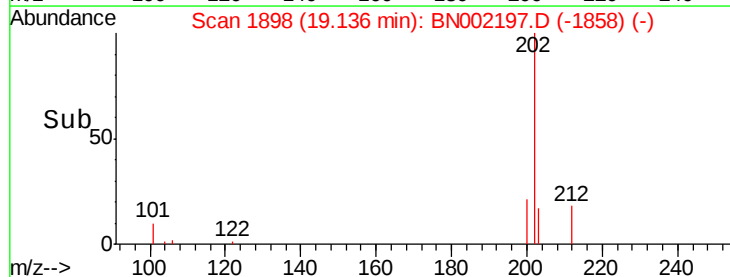
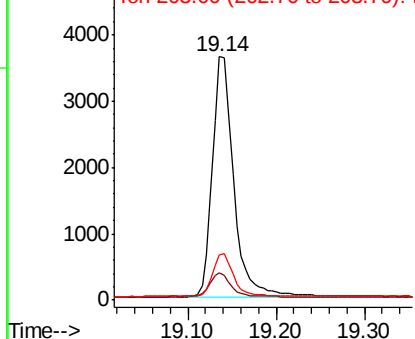


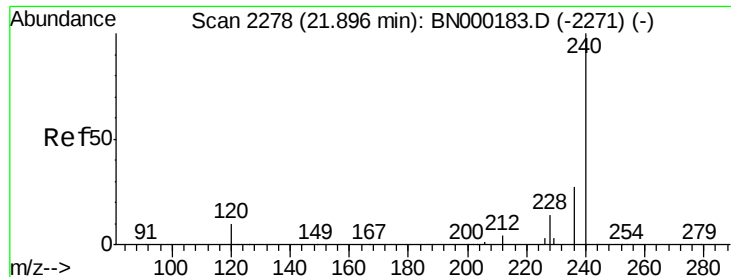
#26
 Fluoranthene
 Concen: 0.162 ng
 RT: 19.14 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BN002197.D
 Acq: 30 Jul 2018 21:56

Tgt Ion:202 Resp: 6058
 Ion Ratio Lower Upper
 202 100
 101 10.0 9.8 14.8
 203 17.5 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

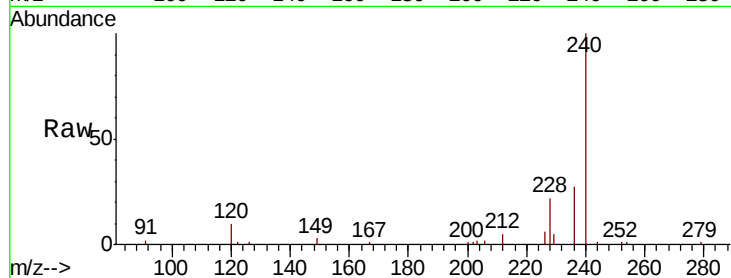




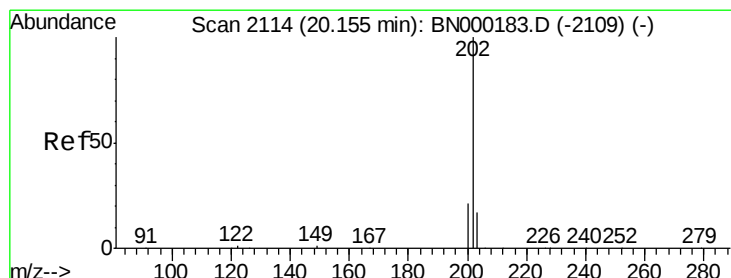
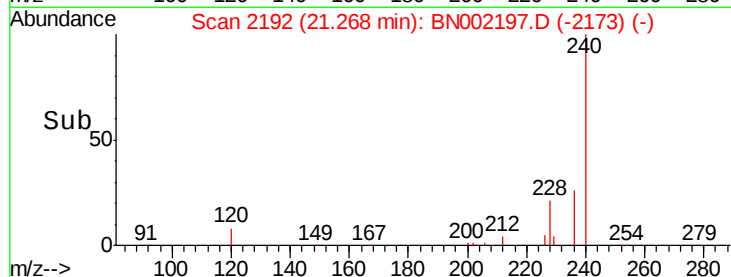
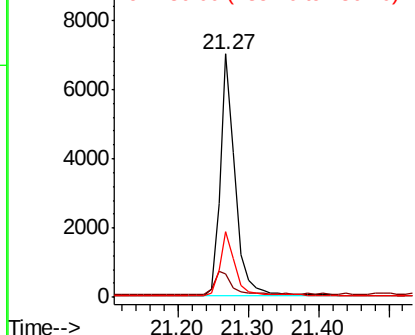
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002197.D
Acq: 30 Jul 2018 21:56

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 10431
Ion Ratio Lower Upper
240 100
120 9.6 5.5 8.3#
236 26.8 20.7 31.1

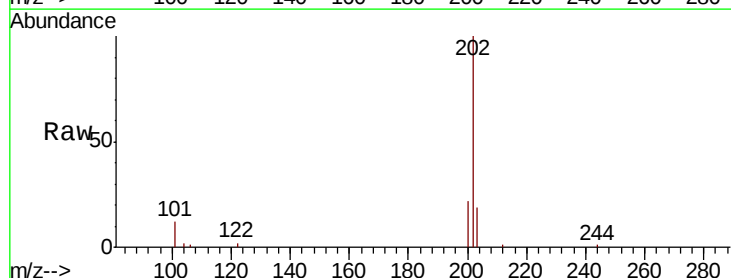


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

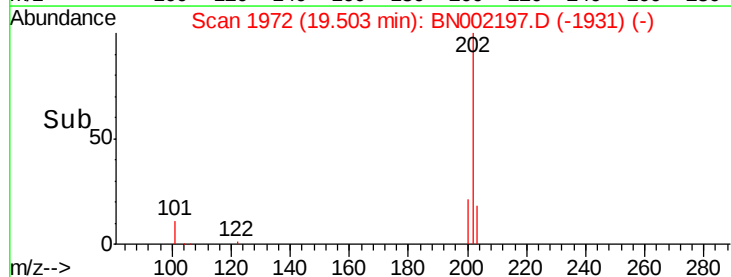
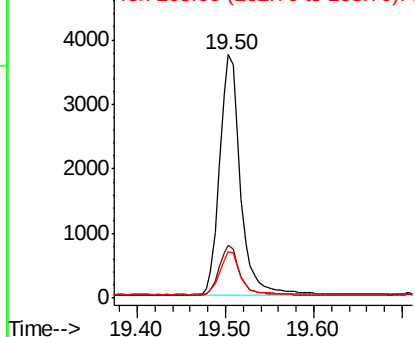


#28
Pyrene
Concen: 0.198 ng
RT: 19.50 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BN002197.D
Acq: 30 Jul 2018 21:56

Tgt Ion:202 Resp: 6098
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 17.8 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: 0.351 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Instrument :

BNA_N

ClientSampleId :

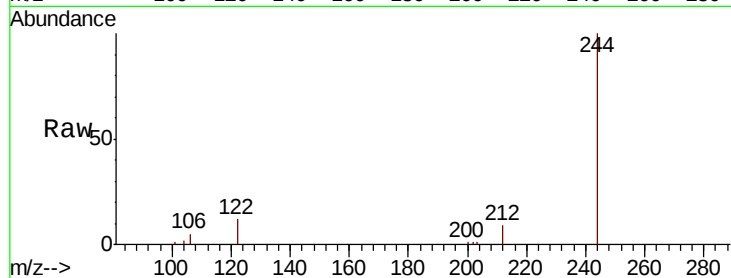
Tot Ion:244 Resp: 7817

Ion Ratio Lower Upper

244 100

212 8.8 25.4 38.0#

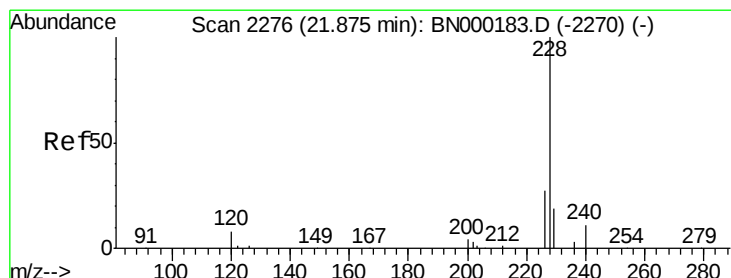
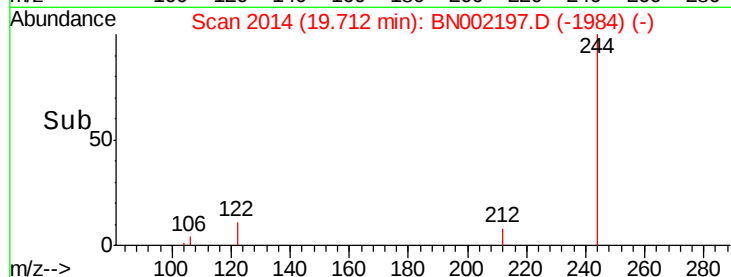
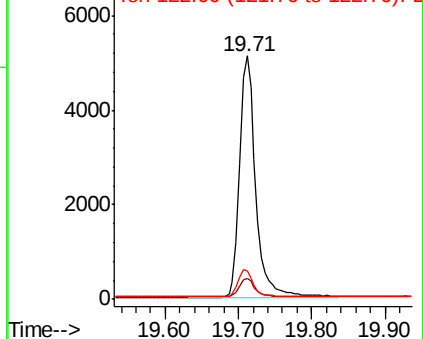
122 11.9 8.1 12.1



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: 0.173 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

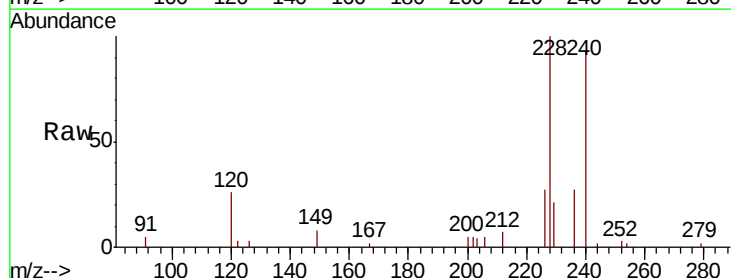
Tgt Ion:228 Resp: 4533

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

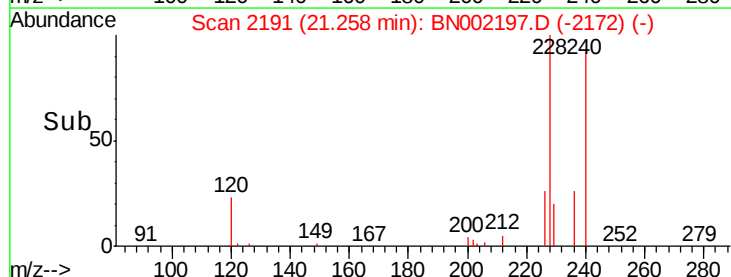
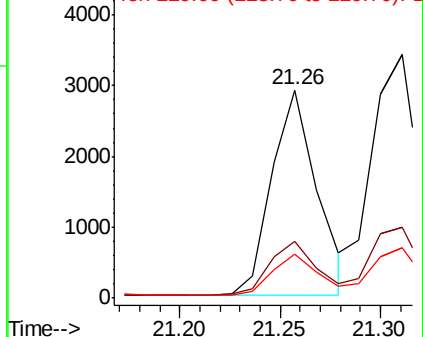
229 21.4 16.0 24.0

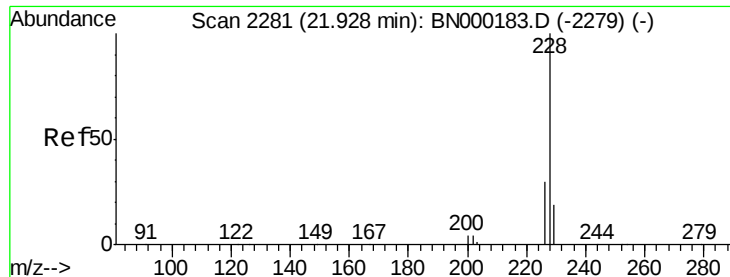


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.196 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

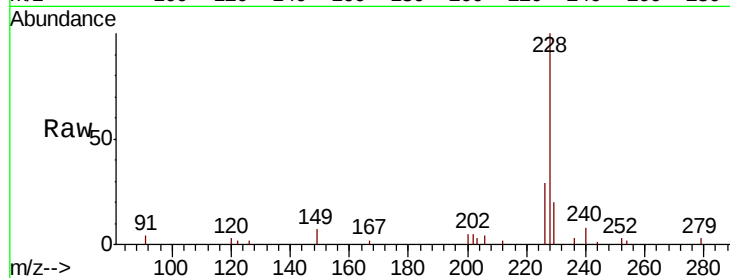
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 5745

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	20.5	16.0	24.0

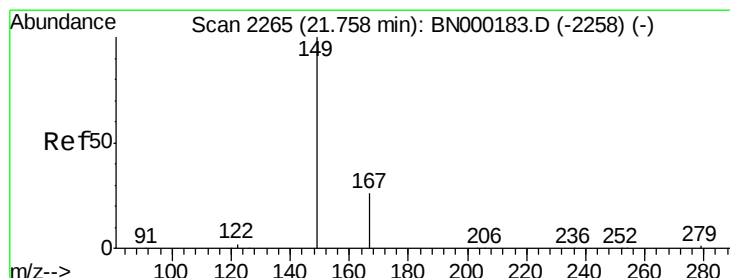
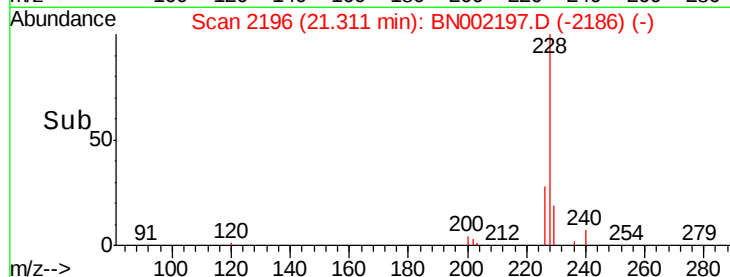
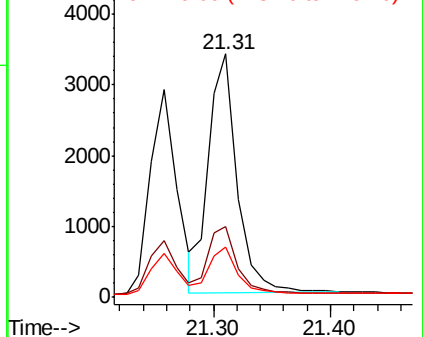


Abundance

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: 0.168 ng

RT: 21.18 min Scan# 2184

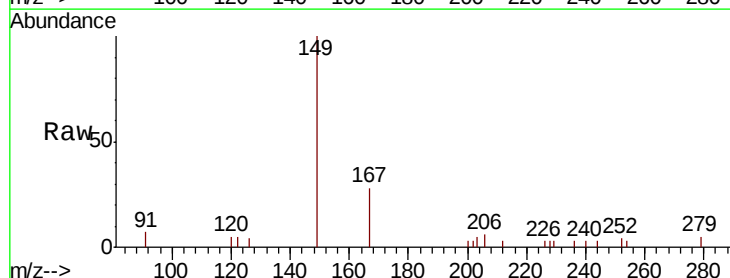
Delta R.T. -0.01 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Tgt Ion:149 Resp: 2020

Ion	Ratio	Lower	Upper
149	100		
167	28.3	20.0	30.0
279	4.6	1.6	2.4

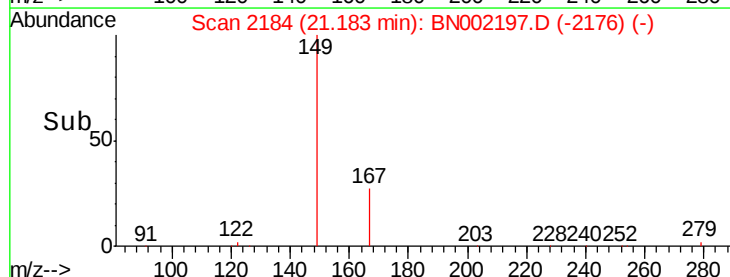
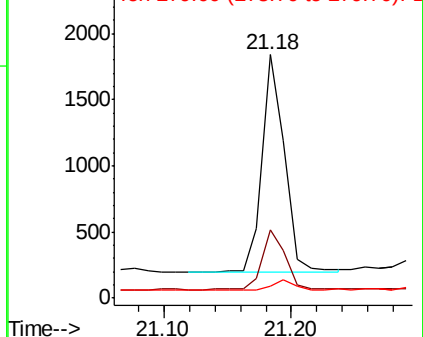


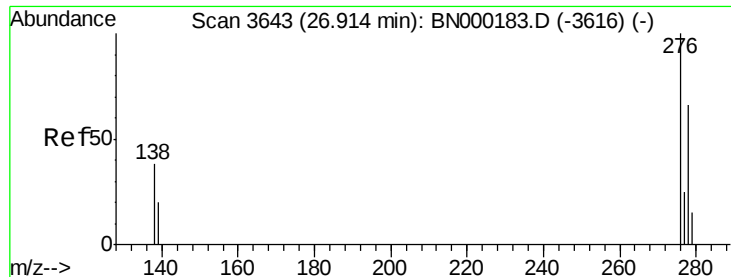
Abundance

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

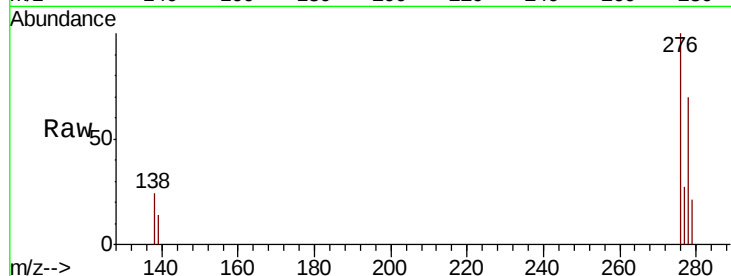




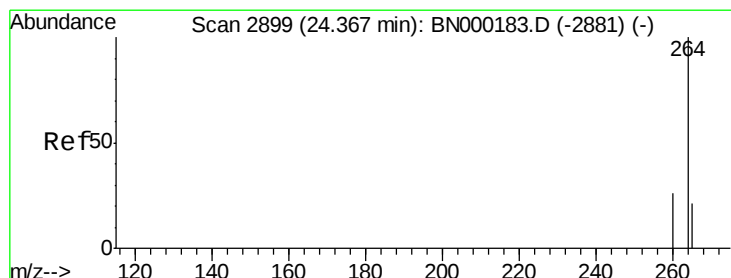
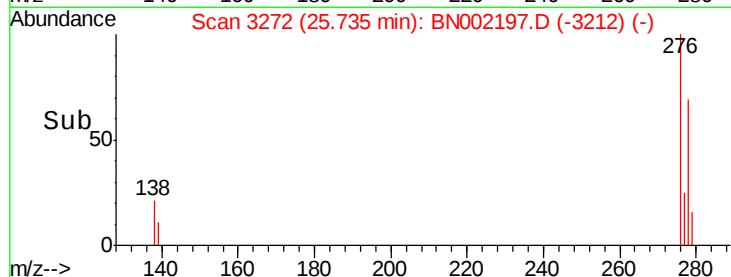
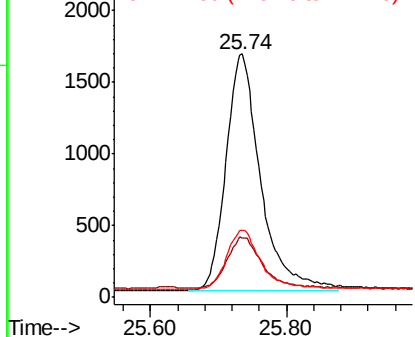
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.210 ng
 RT: 25.74 min Scan# 3272
 Delta R.T. 0.01 min
 Lab File: BN002197.D
 Acq: 30 Jul 2018 21:56

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 5819
 Ion Ratio Lower Upper
 276 100
 138 21.8 22.5 33.7#
 277 24.5 19.9 29.9

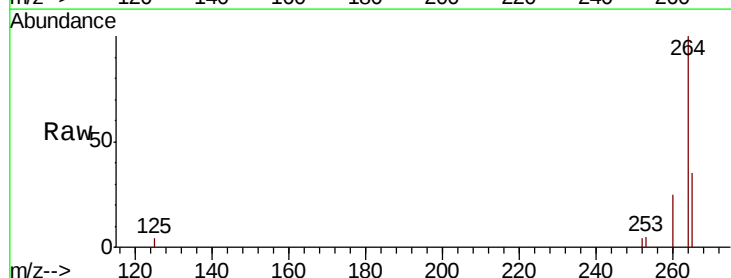


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

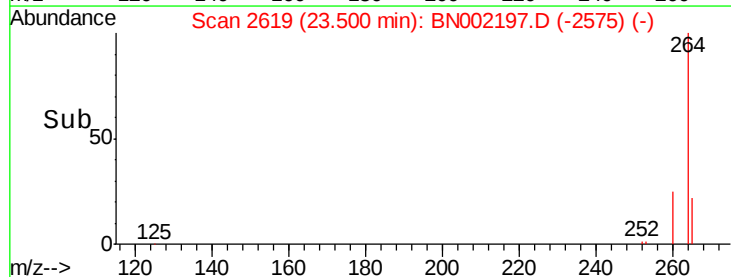
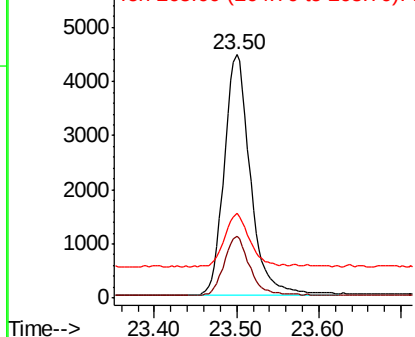


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BN002197.D
 Acq: 30 Jul 2018 21:56

Tgt Ion:264 Resp: 9834
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 34.6 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: 0.179 ng

RT: 22.84 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Instrument :

BNA_N

ClientSampleId :

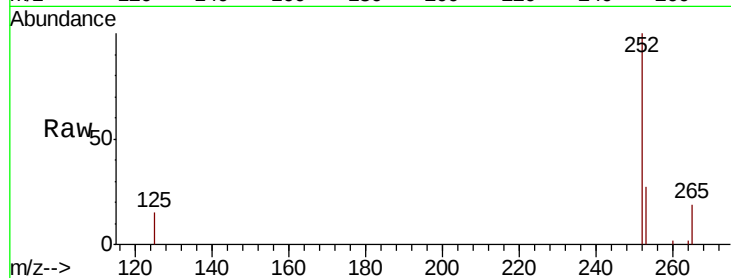
Tot Ion:252 Resp: 5165

Ion Ratio Lower Upper

252 100

253 27.3 20.0 30.0

125 14.6 16.0 24.0#

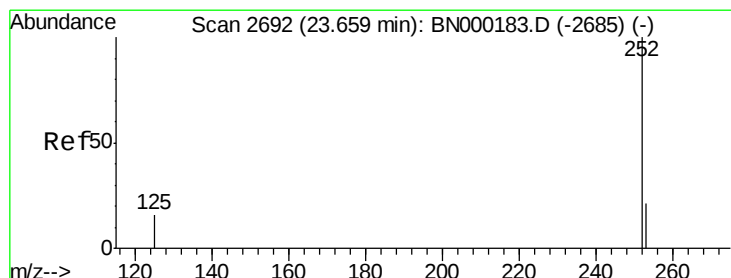
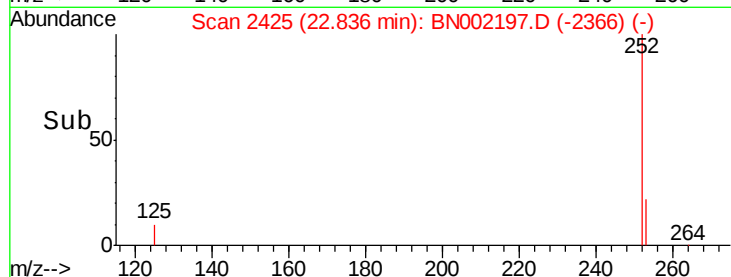
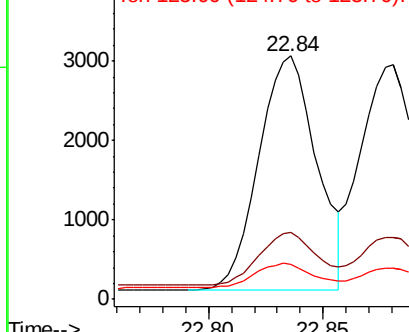


Abundance

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: 0.184 ng

RT: 22.88 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

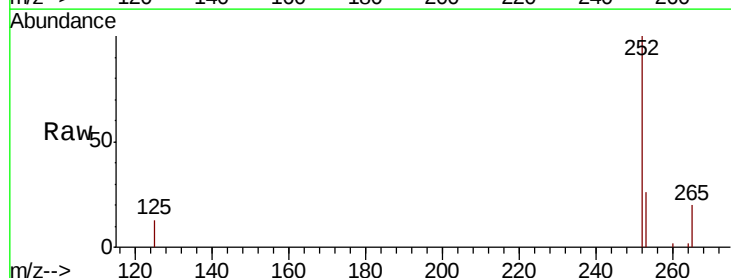
Tgt Ion:252 Resp: 5524

Ion Ratio Lower Upper

252 100

253 26.4 16.0 24.0#

125 13.5 8.0 12.0#

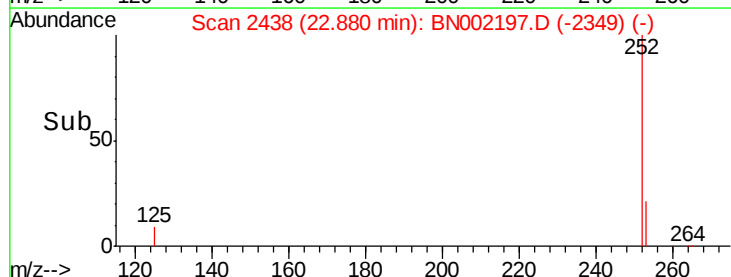
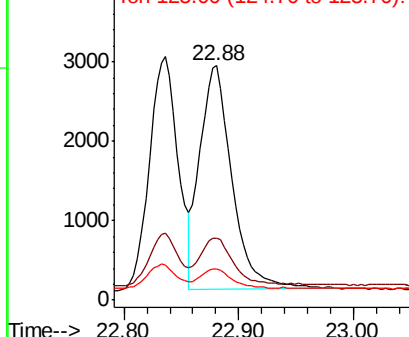


Abundance

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: 0.183 ng

RT: 23.40 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

Instrument :

BNA_N

ClientSampleId :

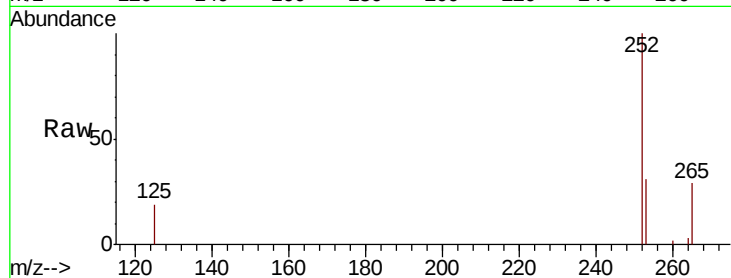
Tot Ion:252 Resp: 4806

Ion Ratio Lower Upper

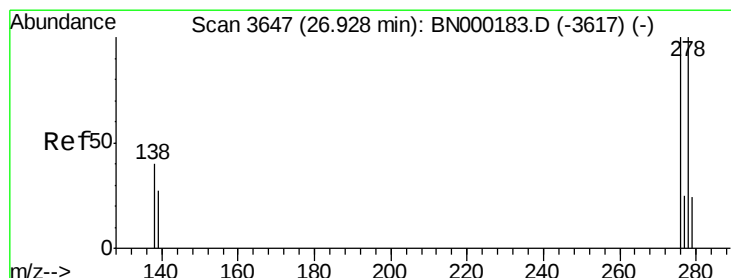
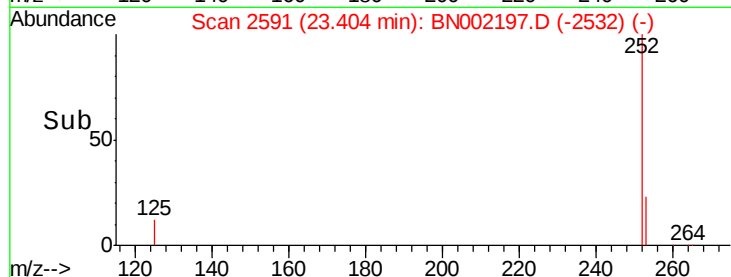
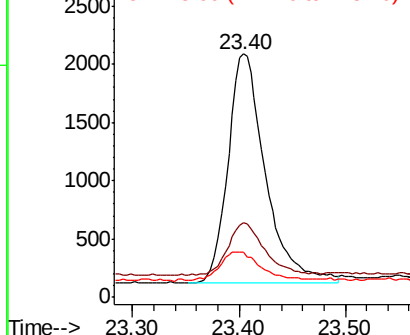
252 100

253 30.7 16.0 24.0#

125 18.6 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: 0.190 ng

RT: 25.75 min Scan# 3275

Delta R.T. 0.00 min

Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

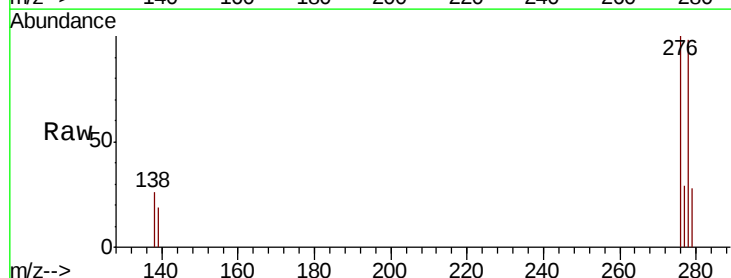
Tgt Ion:278 Resp: 4852

Ion Ratio Lower Upper

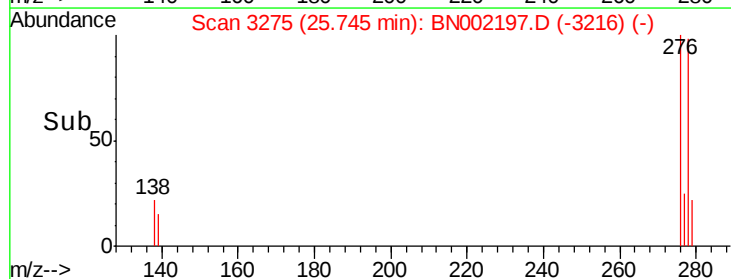
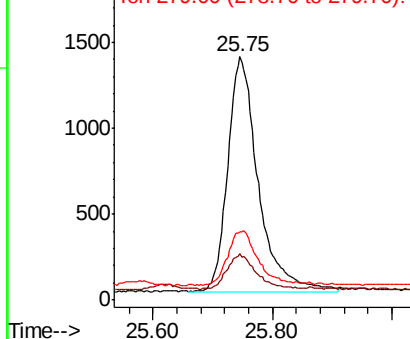
278 100

139 19.3 16.0 24.0

279 28.1 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: 0.195 ng

RT: 26.41 min Scan# 3468

Delta R.T. -0.00 min

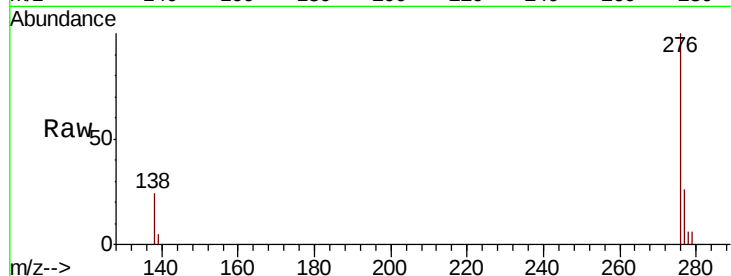
Lab File: BN002197.D

Acq: 30 Jul 2018 21:56

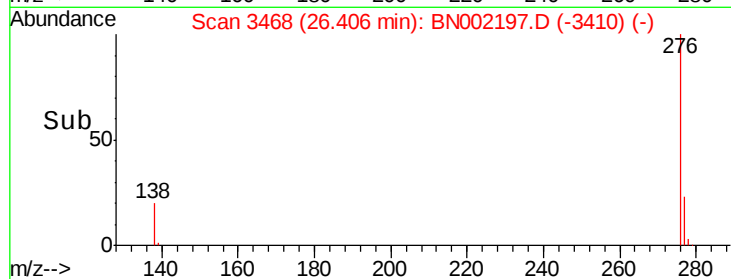
Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	5073
Ion	Ratio	Lower	Upper
276	100		
277	26.1	16.0	24.0#
138	23.6	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

