

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
 Data File : BN002213.D
 Acq On : 31 Jul 2018 16:23
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 31 16:55:22 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	7.69	152	3336	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	13733	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	7240	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	14195	0.40	ng	0.00
27) Chrysene-d12	21.27	240	11130	0.40	ng	0.00
34) Perylene-d12	23.50	264	10593	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2947	0.38	ng	0.00
5) Phenol-d6	6.88	99	3575	0.38	ng	0.00
8) Nitrobenzene-d5	8.84	82	3931	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	7725	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1010	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	11088	0.40	ng	0.00
25) Fluoranthene-d10	19.11	212	12173	0.35	ng	0.00
29) Terphenyl-d14	19.71	244	9322	0.39	ng	0.00

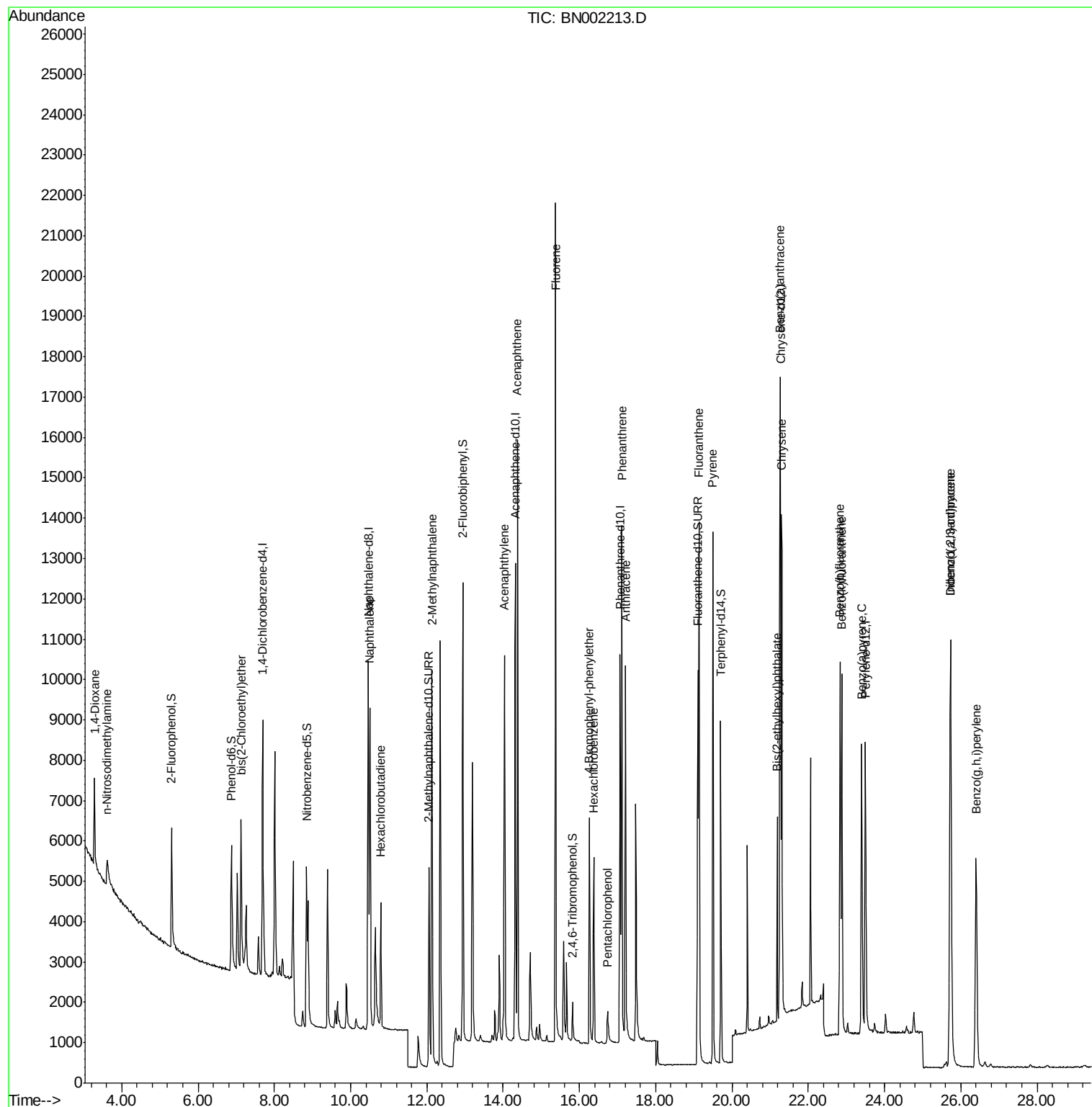
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1321	0.352	ng	98
3) n-Nitrosodimethylamine	3.61	42	815	0.353	ng	# 91
6) bis(2-Chloroethyl)ether	7.13	93	3368	0.370	ng	89
9) Naphthalene	10.50	128	12220	0.395	ng	# 95
10) Hexachlorobutadiene	10.79	225	2603	0.388	ng	# 55
12) 2-Methylnaphthalene	12.13	142	8076	0.386	ng	97
16) Acenaphthylene	14.03	152	11800	0.381	ng	100
17) Acenaphthene	14.38	154	7737	0.389	ng	97
18) Fluorene	15.37	166	9162	0.374	ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	3203	0.399	ng	# 81
21) Hexachlorobenzene	16.38	284	3627	0.408	ng	95
22) Pentachlorophenol	16.74	266	619	0.372	ng	94
23) Phenanthrene	17.11	178	13411	0.380	ng	99
24) Anthracene	17.21	178	10782	0.369	ng	96
26) Fluoranthene	19.14	202	13163	0.342	ng	97
28) Pyrene	19.50	202	13235	0.402	ng	100
30) Benzo(a)anthracene	21.26	228	10607	0.379	ng	96
31) Chrysene	21.30	228	12205	0.389	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	4768	0.372	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.72	276	13371	0.453	ng	94
35) Benzo(b)fluoranthene	22.83	252	11512	0.369	ng	# 94
36) Benzo(k)fluoranthene	22.88	252	11966	0.370	ng	# 93
37) Benzo(a)pyrene	23.40	252	11108	0.394	ng	# 93
38) Dibenzo(a,h)anthracene	25.73	278	11159	0.406	ng	96
39) Benzo(g,h,i)perylene	26.40	276	11388	0.406	ng	# 90

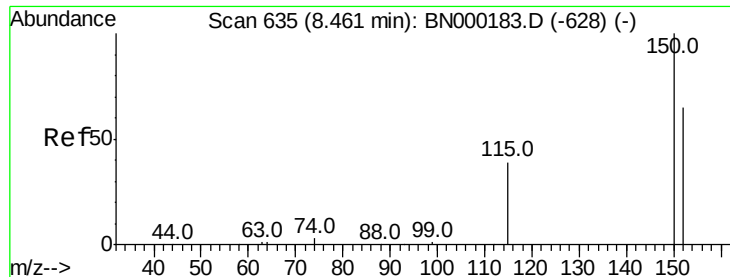
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
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Instrument :
BNA_N
ClientSampled :

Quant Time: Jul 31 16:55:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
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QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

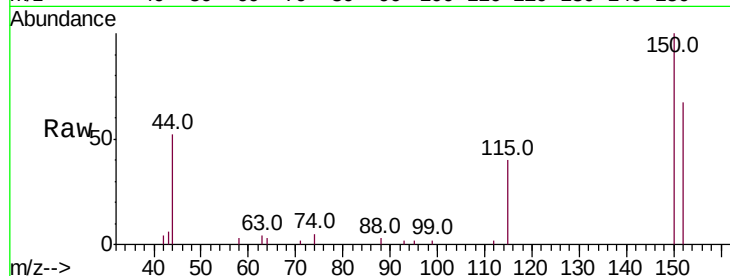
Tot Ion:152 Resp: 3336

Ion Ratio Lower Upper

152 100

150 149.5 117.2 175.8

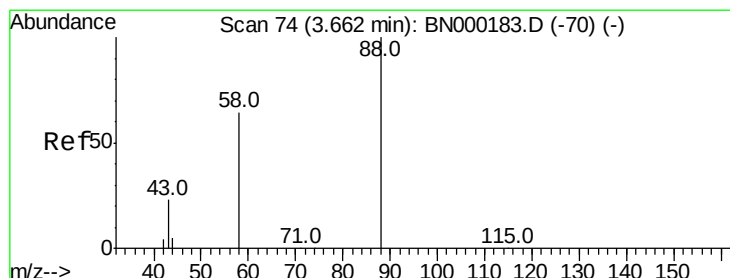
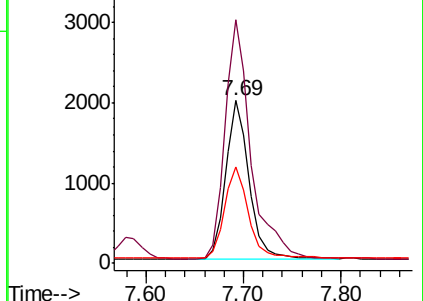
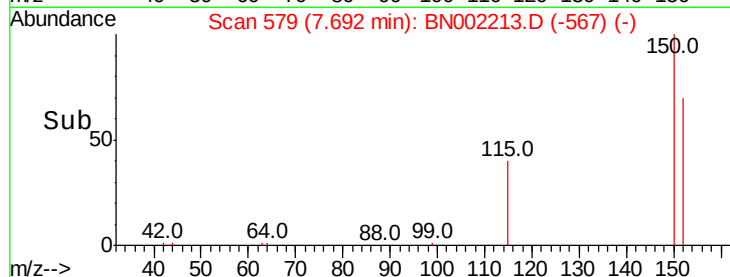
115 59.4 57.0 85.6



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: 0.352 ng

RT: 3.29 min Scan# 32

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

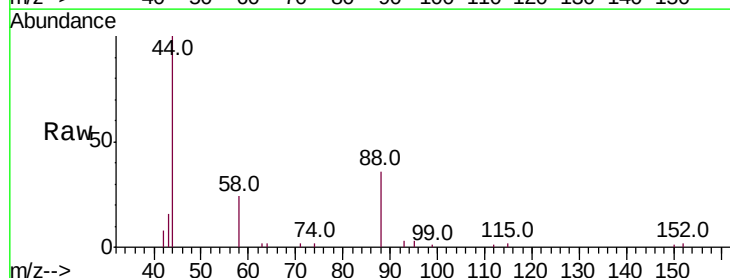
Tgt Ion: 88 Resp: 1321

Ion Ratio Lower Upper

88 100

58 90.8 72.0 108.0

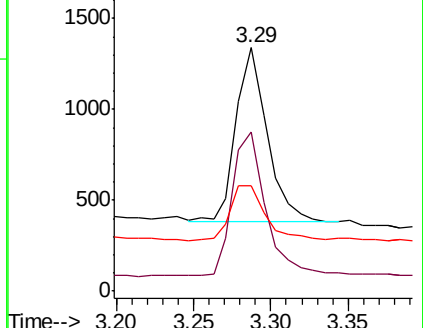
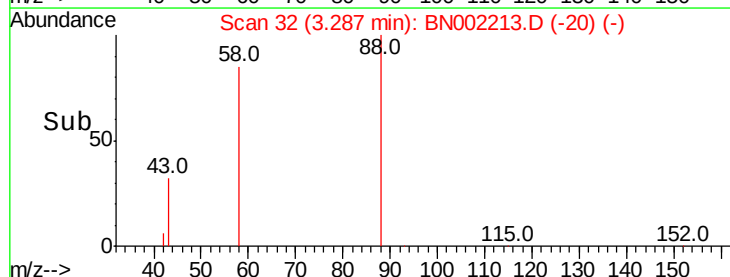
43 37.2 28.0 42.0

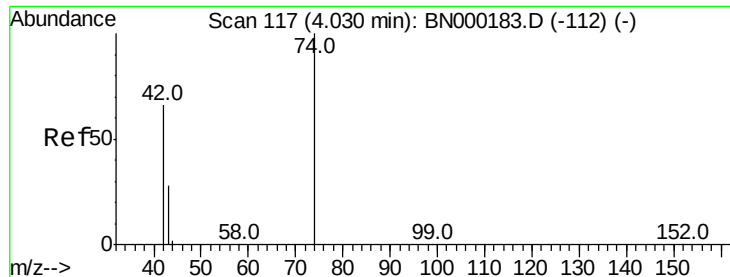


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.353 ng

RT: 3.61 min Scan# 72

Delta R.T. 0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

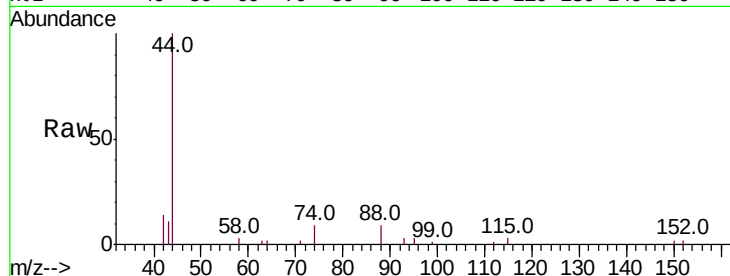
Tot Ion: 42 Resp: 815

Ion Ratio Lower Upper

42 100

74 112.5 88.0 132.0

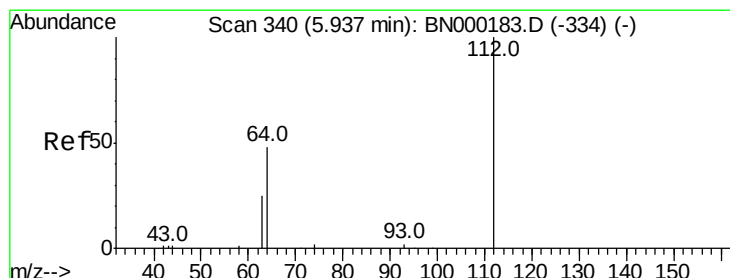
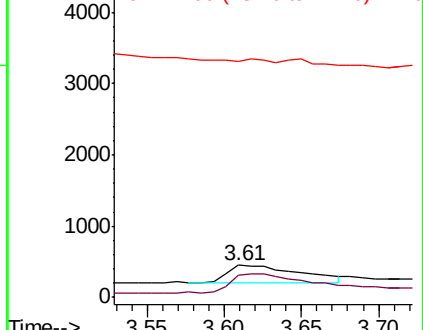
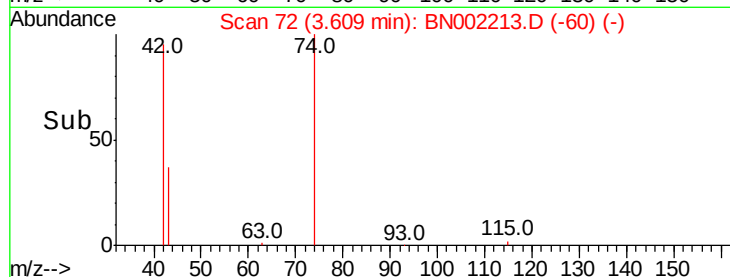
44 0.0 16.0 24.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.379 ng

RT: 5.31 min Scan# 283

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

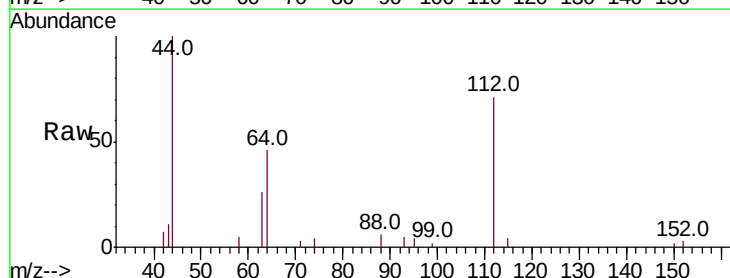
Tgt Ion: 112 Resp: 2947

Ion Ratio Lower Upper

112 100

64 63.4 60.1 90.1

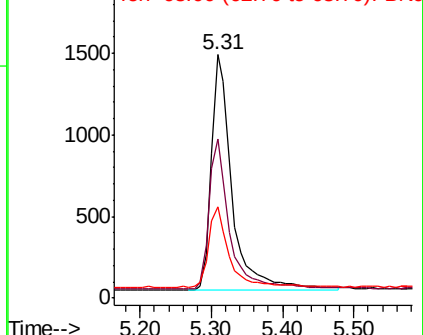
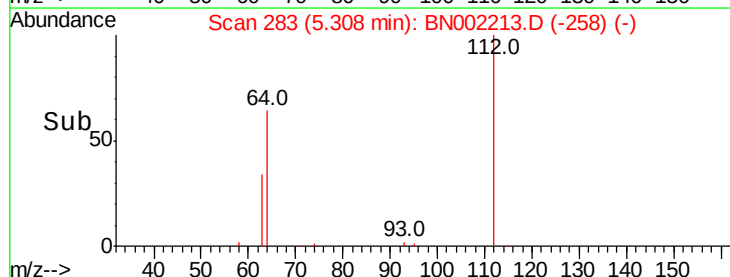
63 33.8 116.8 175.2#

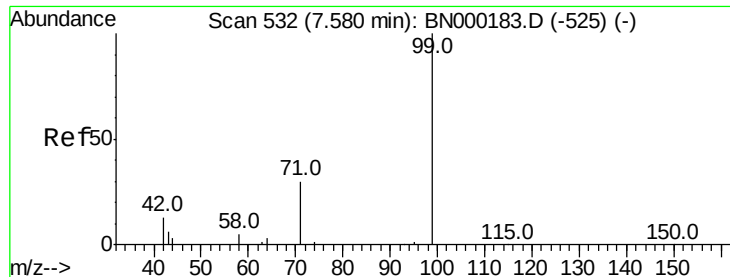


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.378 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

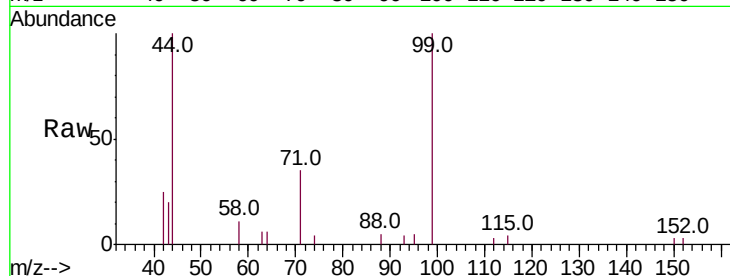
Tot Ion: 99 Resp: 3575

Ion Ratio Lower Upper

99 100

42 22.0 20.2 30.2

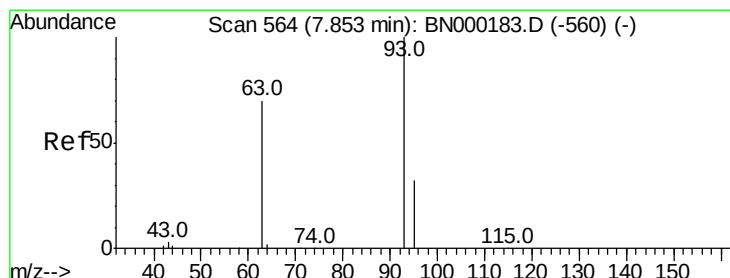
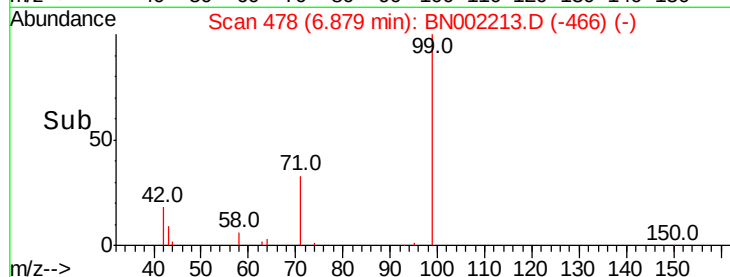
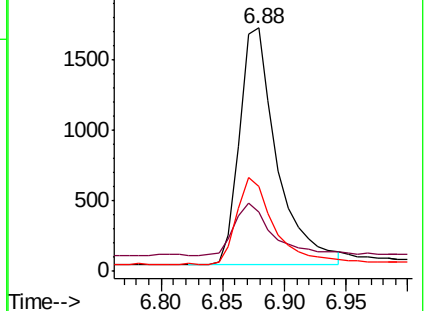
71 36.1 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN000183.D (-525) (-)

Ion 42.00 (41.70 to 42.70): BN000183.D (-525) (-)

Ion 71.00 (70.70 to 71.70): BN000183.D (-525) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.370 ng

RT: 7.13 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

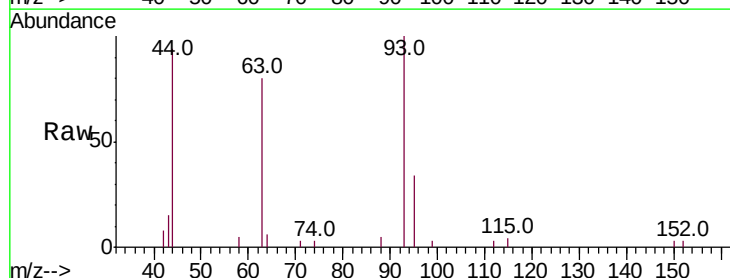
Tgt Ion: 93 Resp: 3368

Ion Ratio Lower Upper

93 100

63 82.8 56.0 84.0

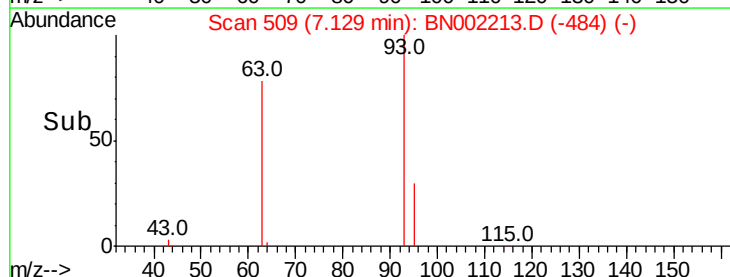
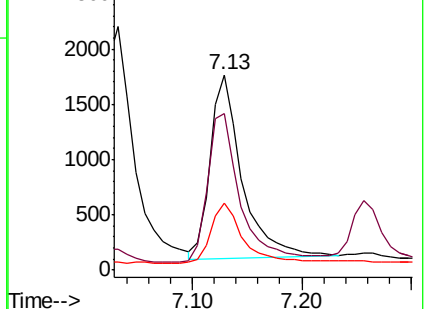
95 32.8 25.2 37.8

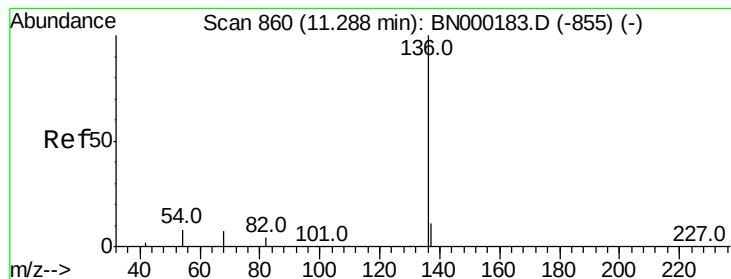


Abundance Ion 93.00 (92.70 to 93.70): BN000183.D (-560) (-)

Ion 63.00 (62.70 to 63.70): BN000183.D (-560) (-)

Ion 95.00 (94.70 to 95.70): BN000183.D (-560) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13733

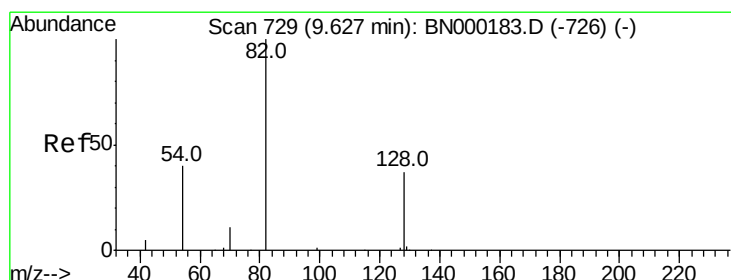
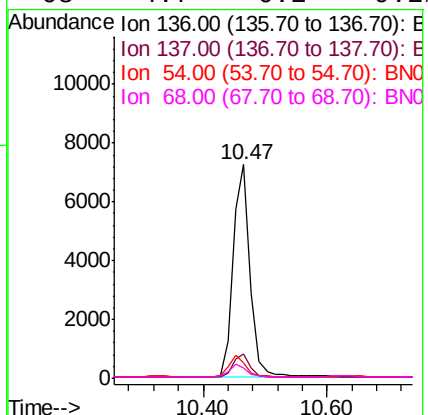
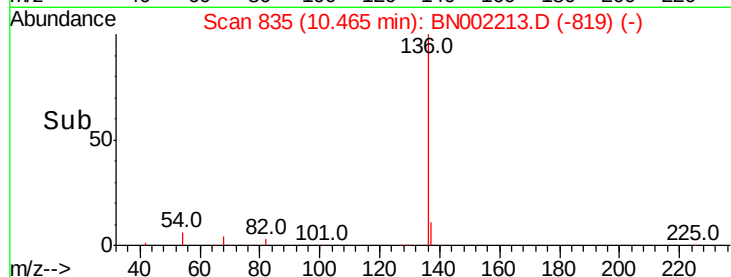
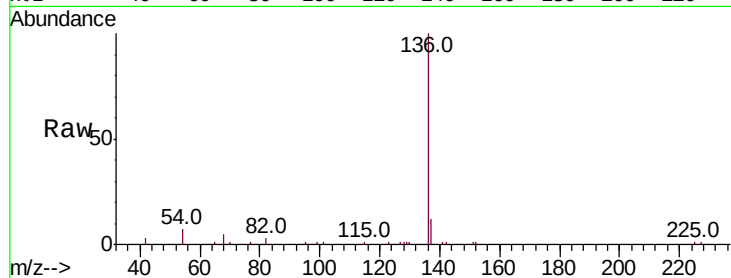
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 7.0 29.1 43.7#

68 4.7 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.380 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

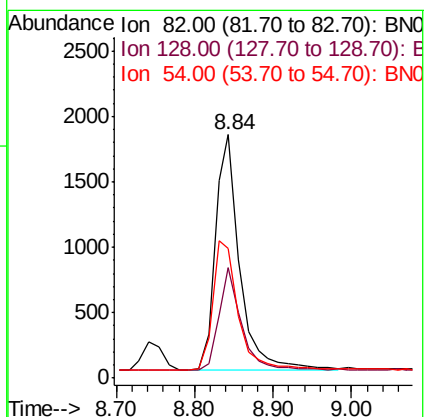
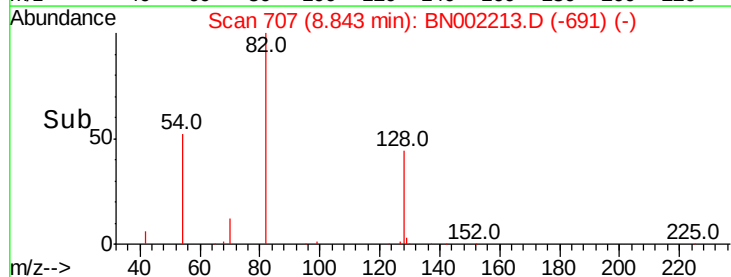
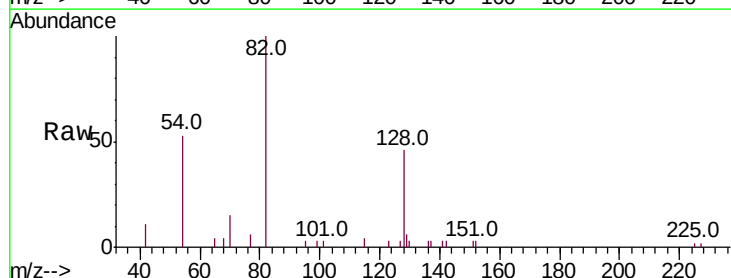
Tgt Ion: 82 Resp: 3931

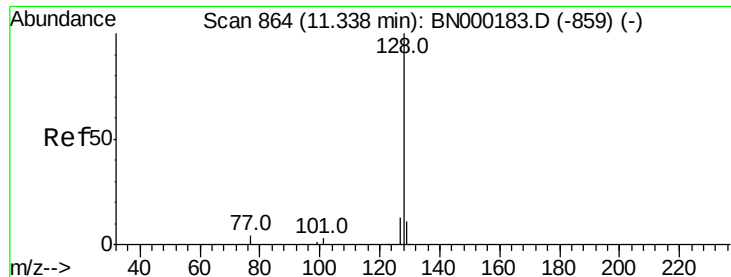
Ion Ratio Lower Upper

82 100

128 45.6 150.0 225.0#

54 53.5 154.2 231.4#

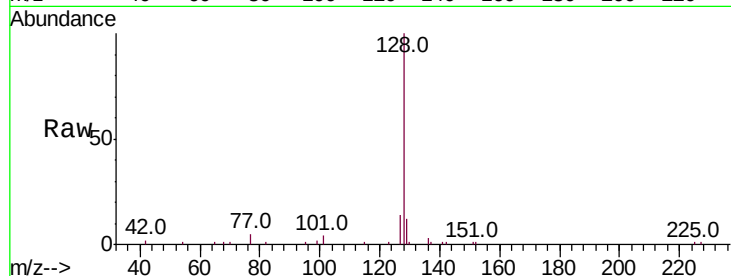




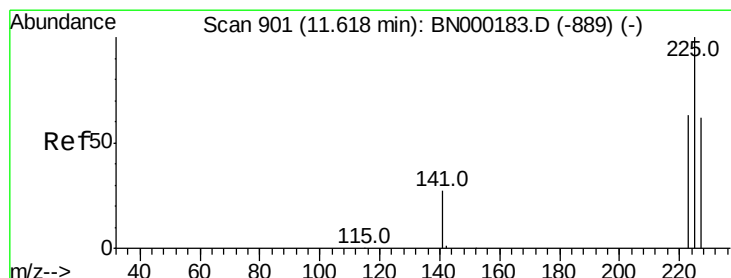
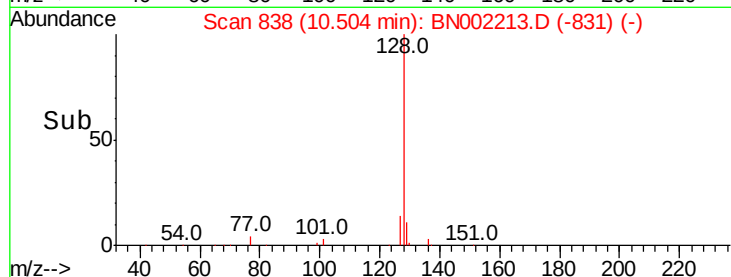
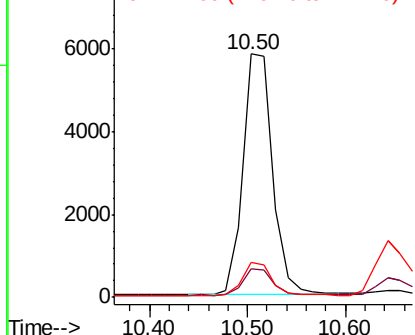
#9
Naphthalene
Concen: 0.395 ng
RT: 10.50 min Scan# 838
Delta R.T. -0.01 min
Lab File: BN002213.D
Acq: 31 Jul 2018 16:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 12220
Ion Ratio Lower Upper
128 100
129 11.7 8.0 12.0
127 14.4 9.6 14.4#

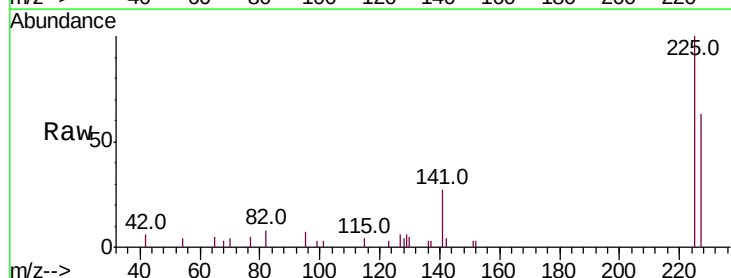


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

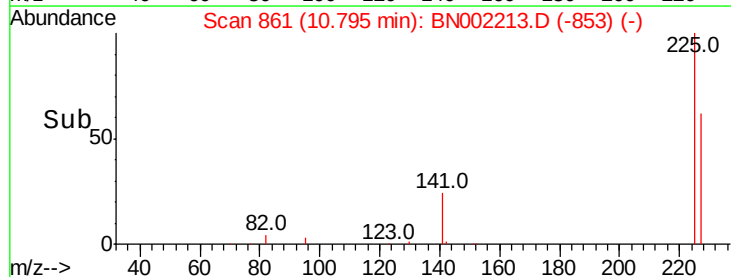
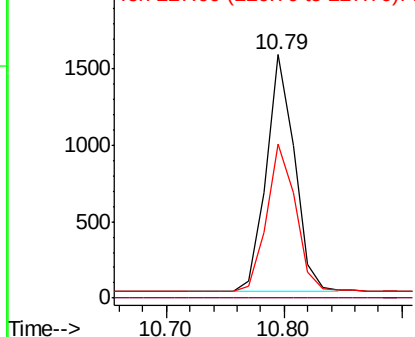


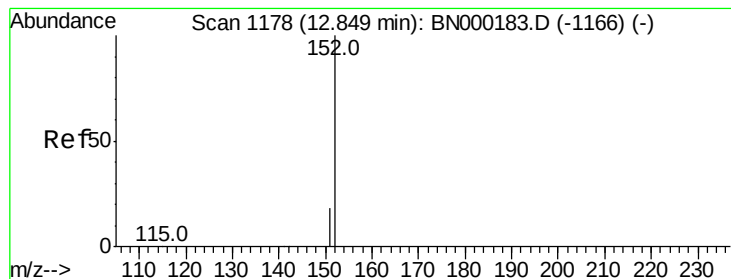
#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.79 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN002213.D
Acq: 31 Jul 2018 16:23

Tgt Ion:225 Resp: 2603
Ion Ratio Lower Upper
225 100
223 0.0 52.0 78.0#
227 63.6 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: 0.382 ng

RT: 12.06 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

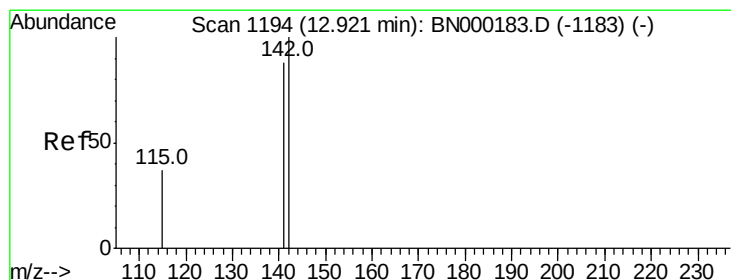
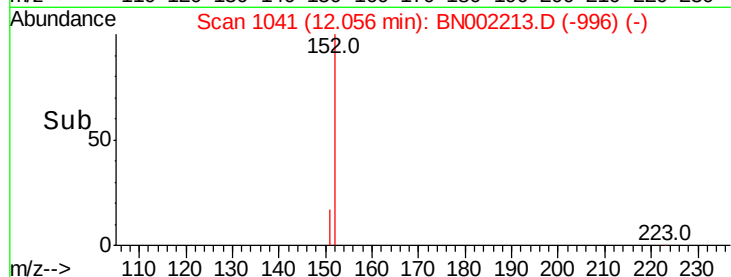
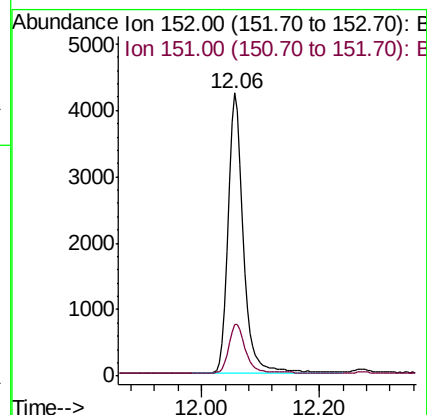
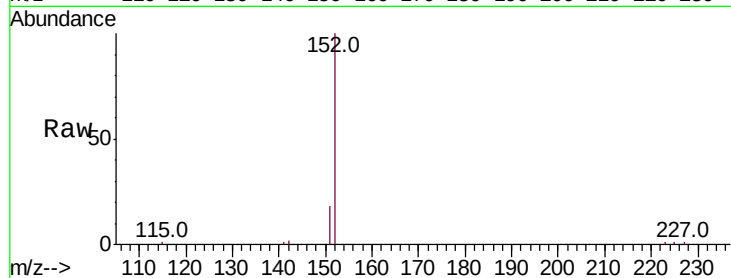
ClientSampleId :

Tot Ion:152 Resp: 7725

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.386 ng

RT: 12.13 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

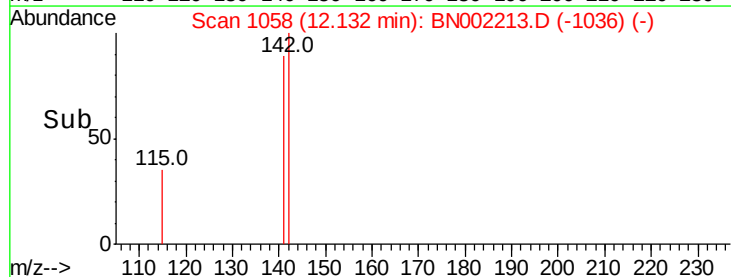
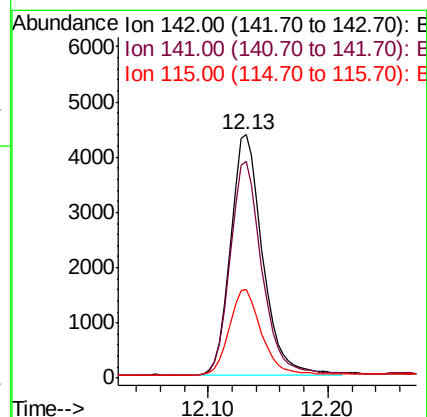
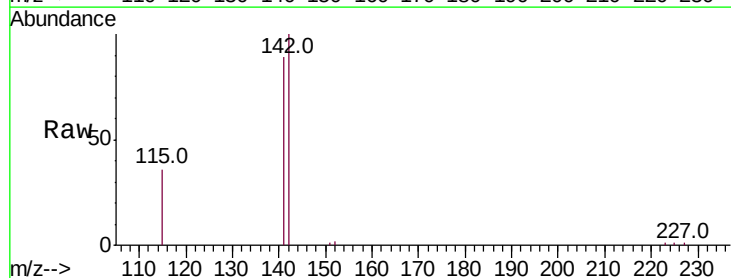
Tgt Ion:142 Resp: 8076

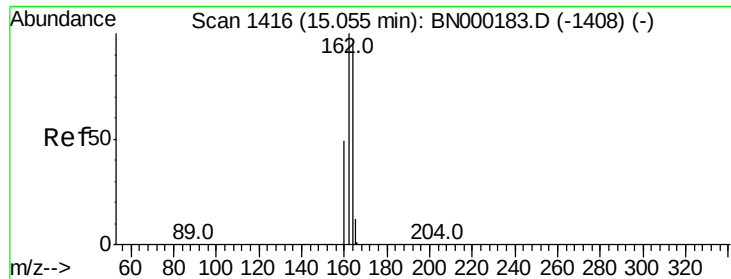
Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

115 36.3 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: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

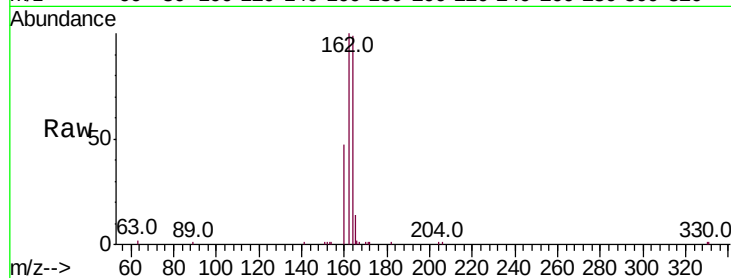
Tot Ion:164 Resp: 7240

Ion Ratio Lower Upper

164 100

162 100.8 83.1 124.7

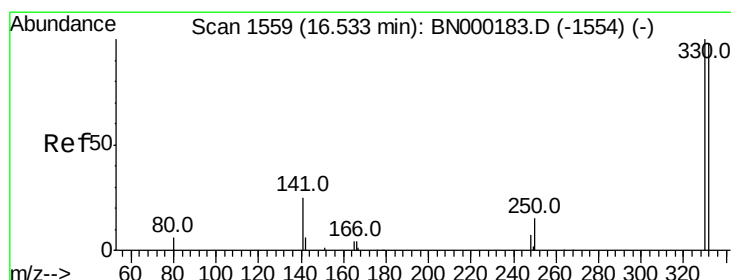
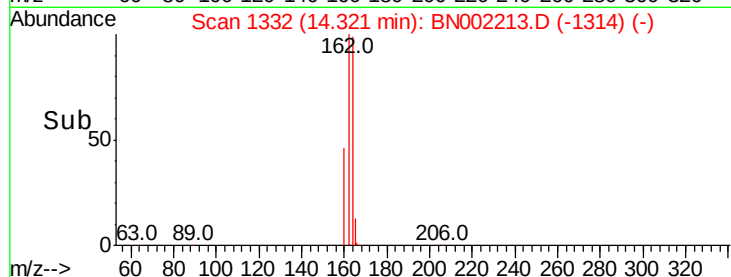
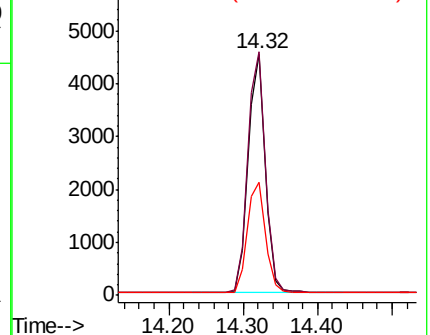
160 47.1 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.327 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

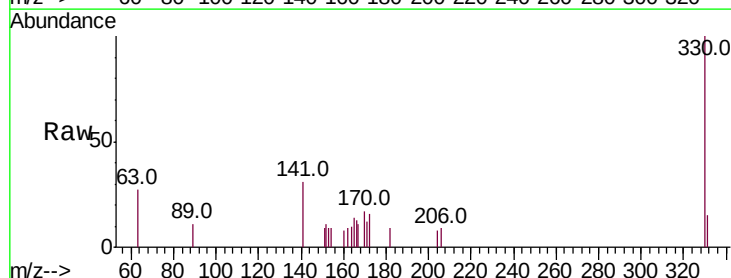
Tgt Ion:330 Resp: 1010

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

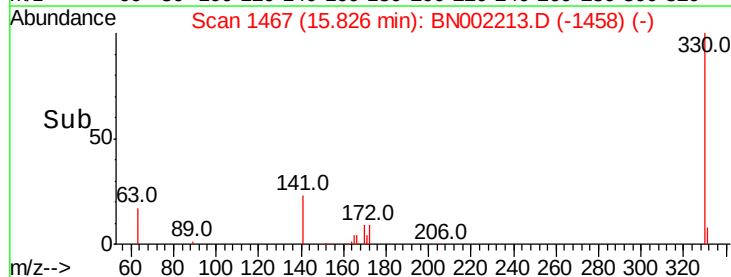
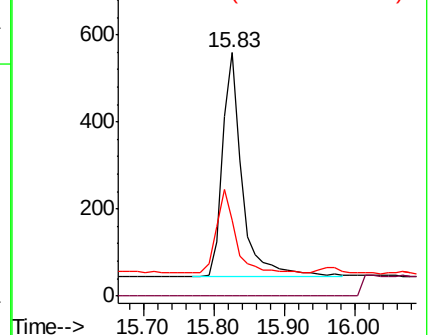
141 36.1 33.7 50.5

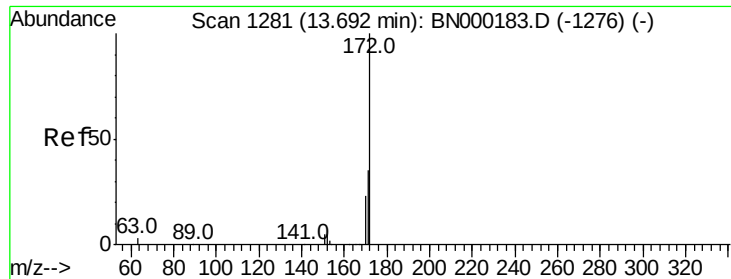


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

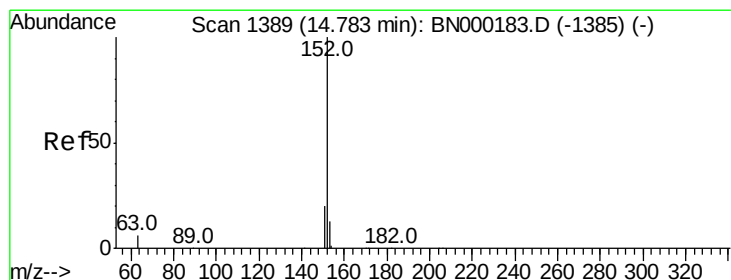
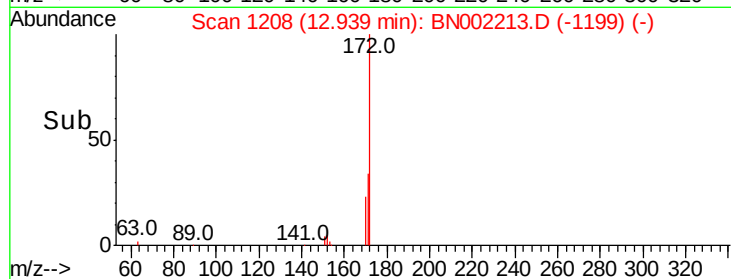
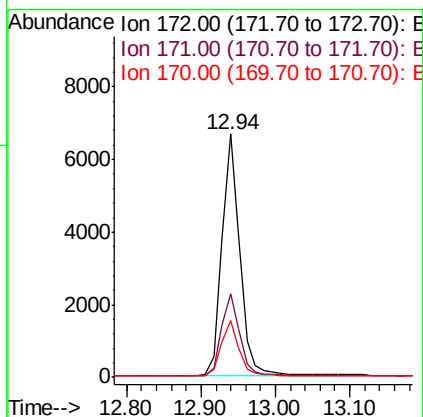
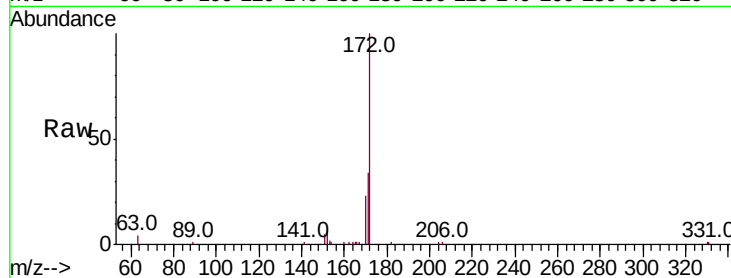




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002213.D
Acq: 31 Jul 2018 16:23

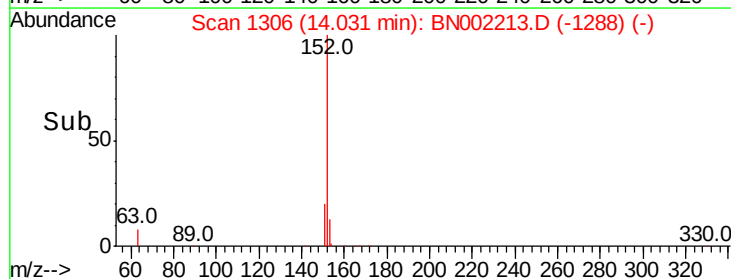
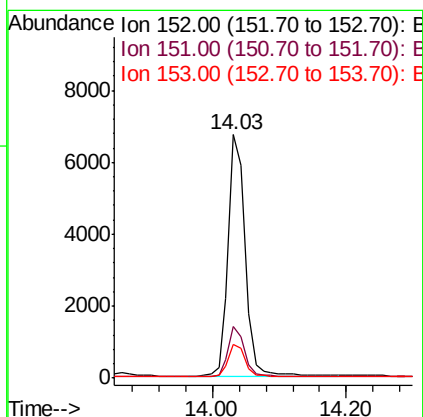
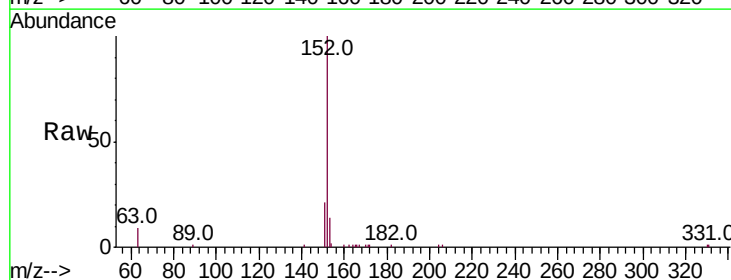
Instrument :
BNA_N
ClientSampleId :

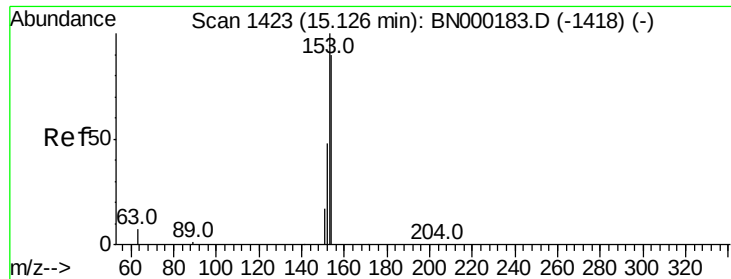
Tot Ion:172 Resp: 11088
Ion Ratio Lower Upper
172 100
171 34.4 29.9 44.9
170 23.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002213.D
Acq: 31 Jul 2018 16:23

Tgt Ion:152 Resp: 11800
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.5 15.7

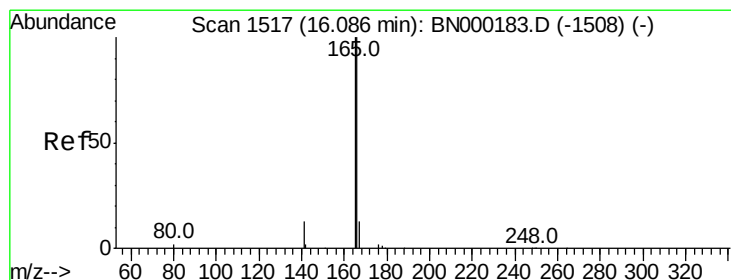
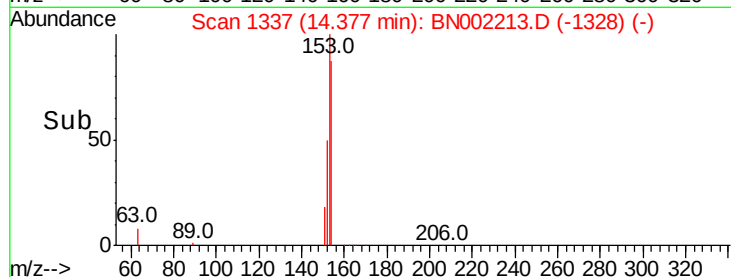
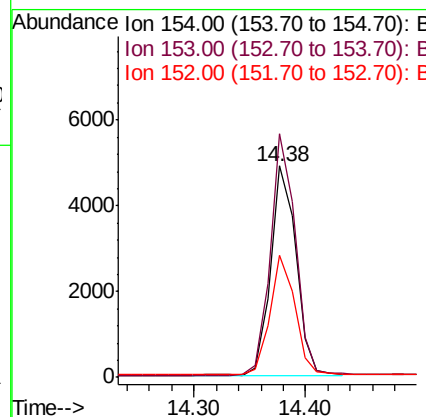
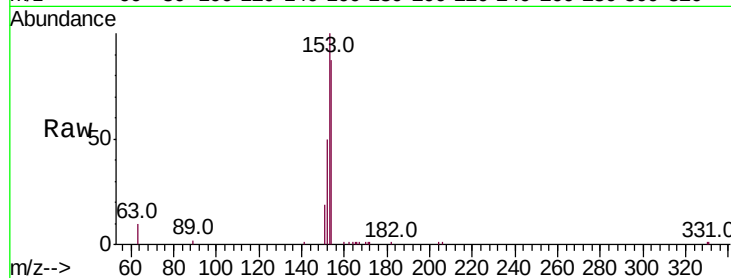




#17
Acenaphthene
Concen: 0.389 ng
RT: 14.38 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BN002213.D
Acq: 31 Jul 2018 16:23

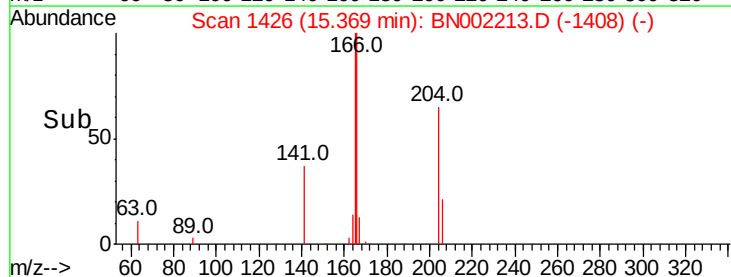
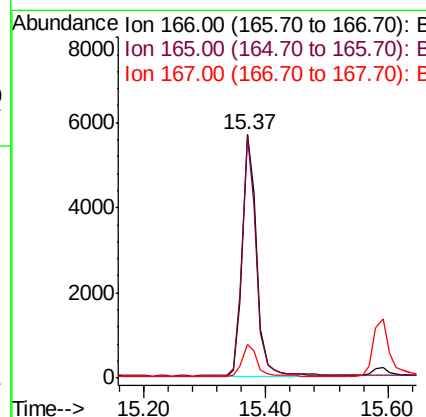
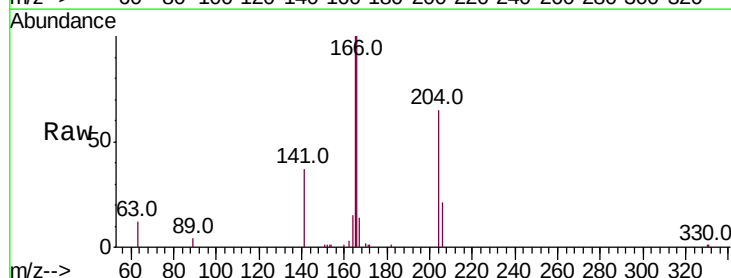
Instrument :
BNA_N
ClientSampleId :

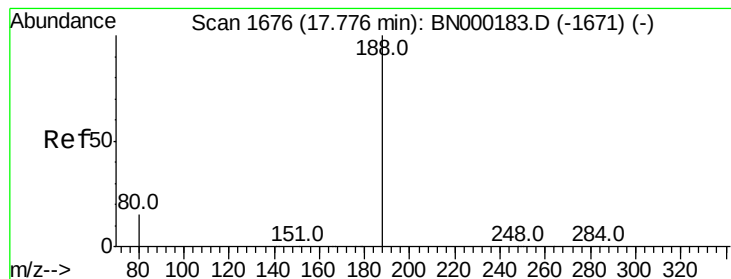
Tot Ion:154 Resp: 7737
Ion Ratio Lower Upper
154 100
153 113.4 89.2 133.8
152 56.6 42.0 63.0



#18
Fluorene
Concen: 0.374 ng
RT: 15.37 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BN002213.D
Acq: 31 Jul 2018 16:23

Tgt Ion:166 Resp: 9162
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.6
167 13.5 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

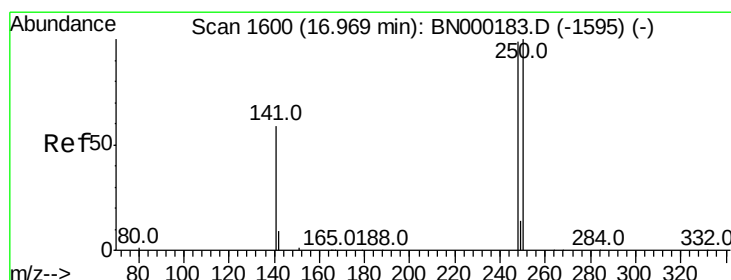
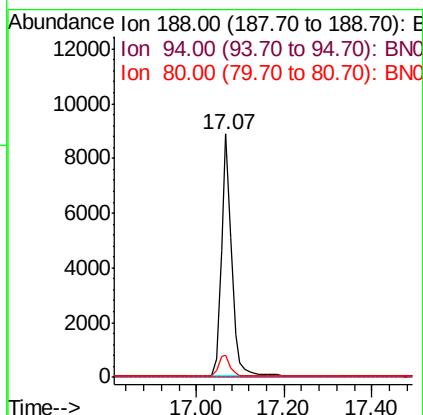
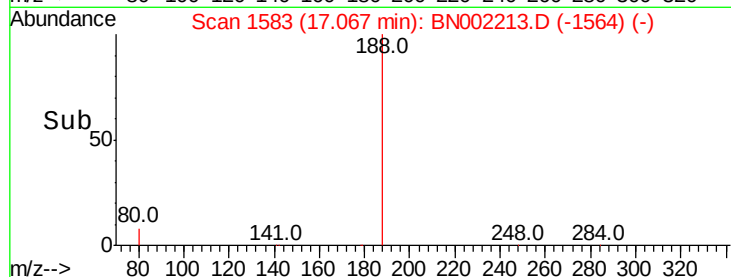
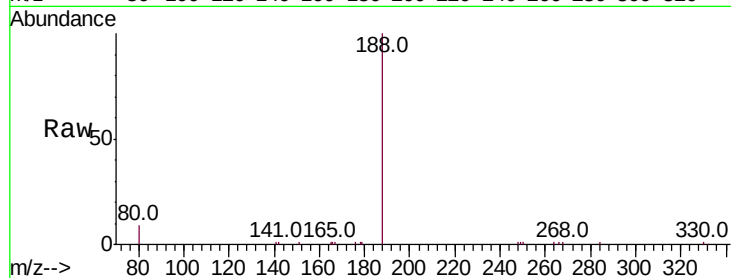
Tot Ion:188 Resp: 14195

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 9.0 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.399 ng

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

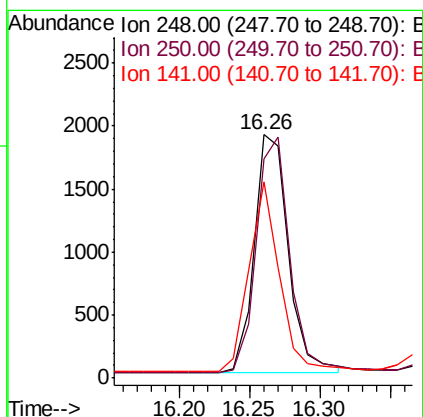
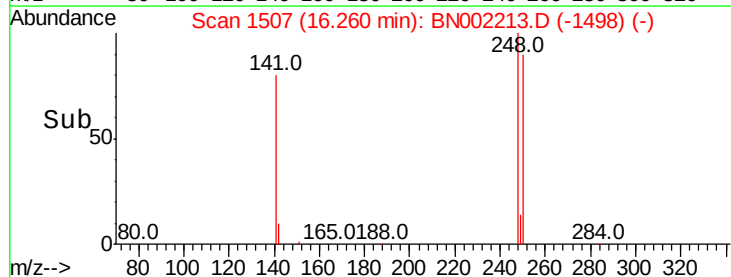
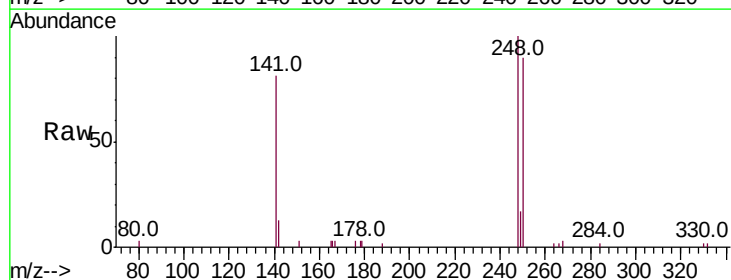
Tgt Ion:248 Resp: 3203

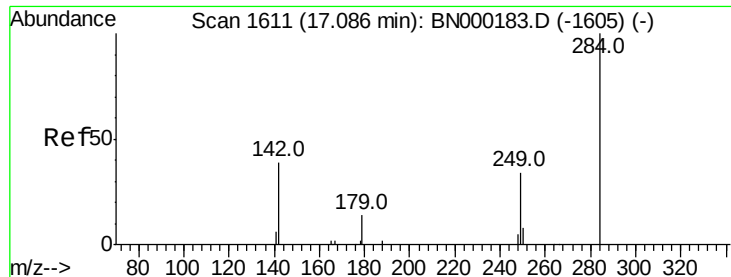
Ion Ratio Lower Upper

248 100

250 90.0 62.7 94.1

141 80.8 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.408 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

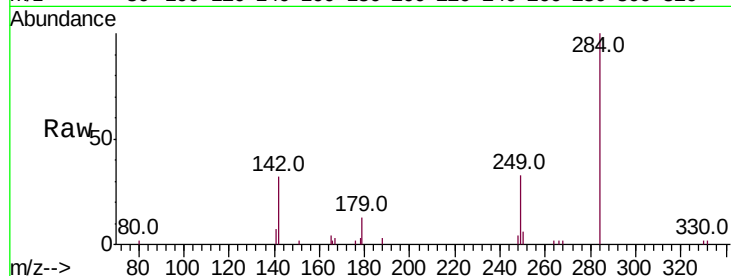
Tot Ion:284 Resp: 3627

Ion Ratio Lower Upper

284 100

142 35.4 32.0 48.0

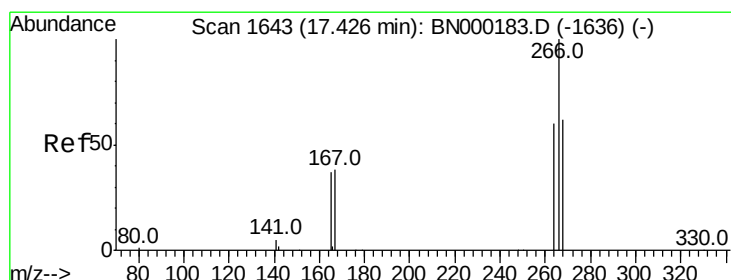
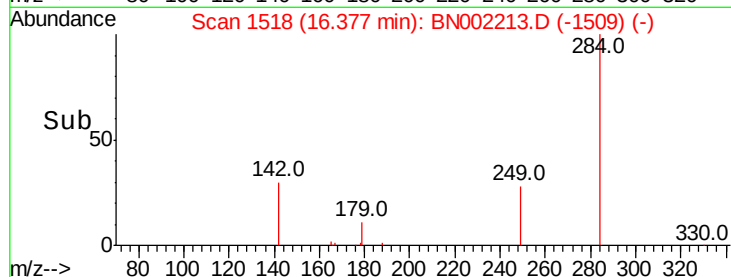
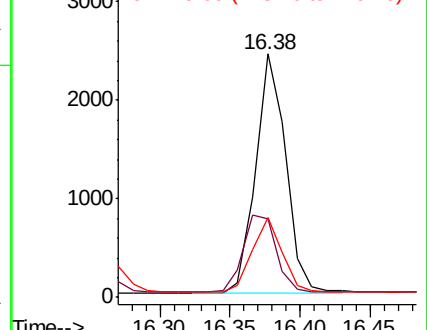
249 30.5 24.0 36.0



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: 0.372 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

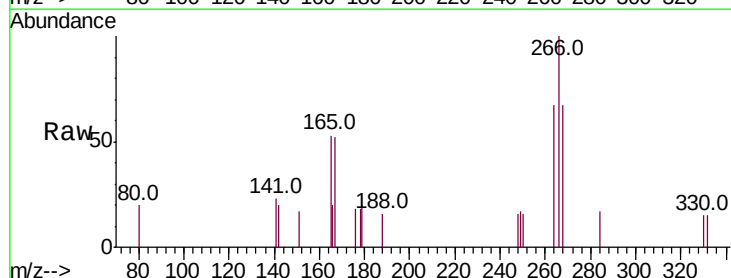
Tgt Ion:266 Resp: 619

Ion Ratio Lower Upper

266 100

264 67.1 48.0 72.0

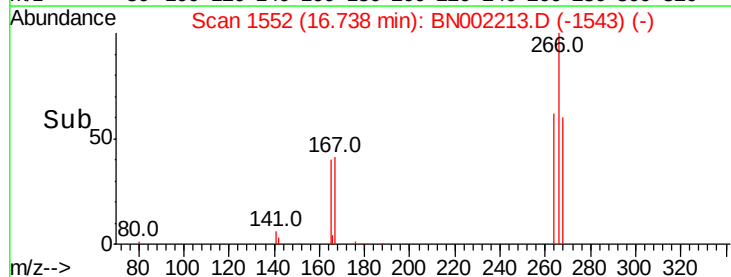
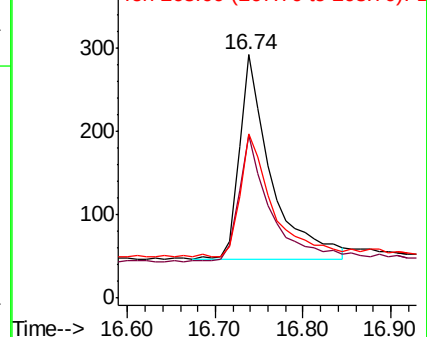
268 67.5 52.0 78.0

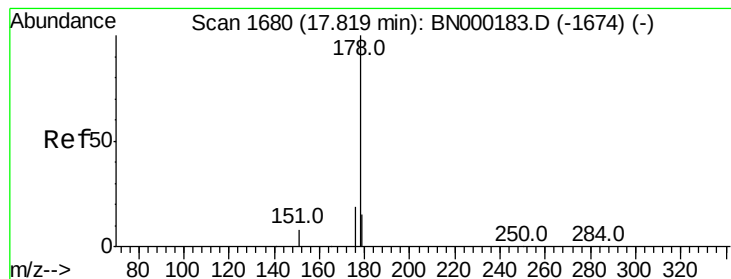


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.380 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

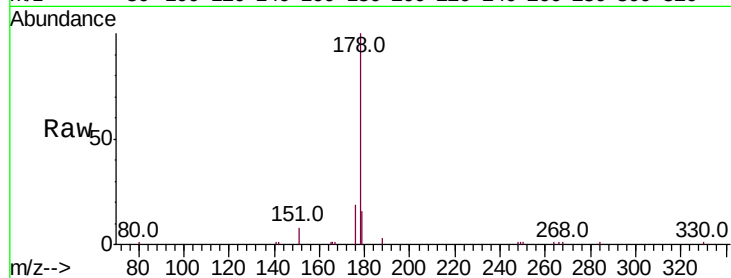
Tot Ion:178 Resp: 13411

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

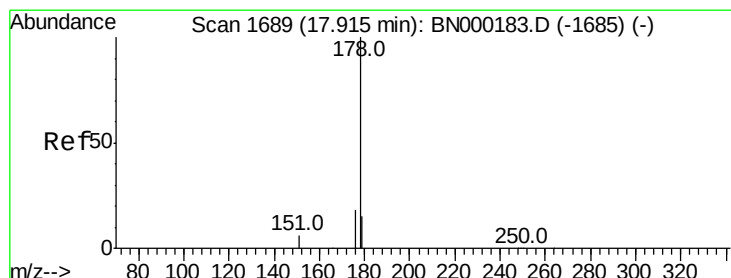
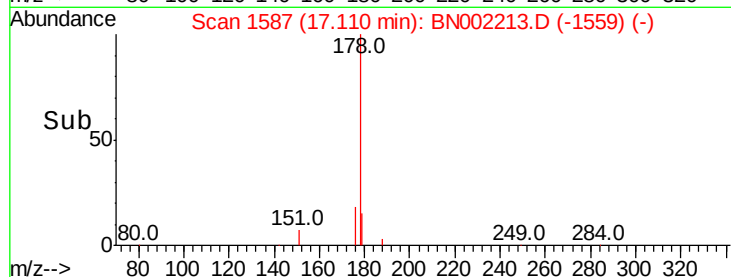
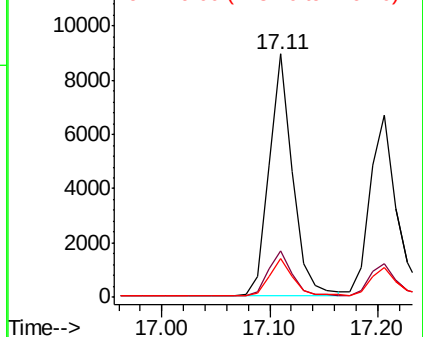
179 15.5 11.8 17.6



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: 0.369 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

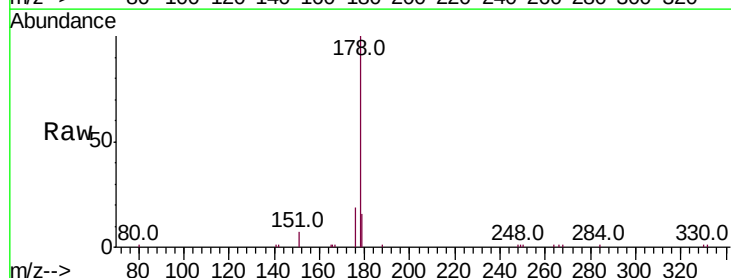
Tgt Ion:178 Resp: 10782

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

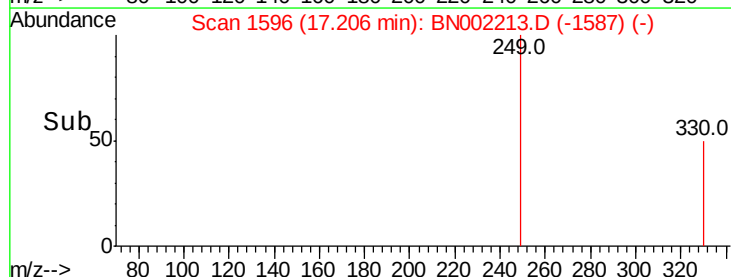
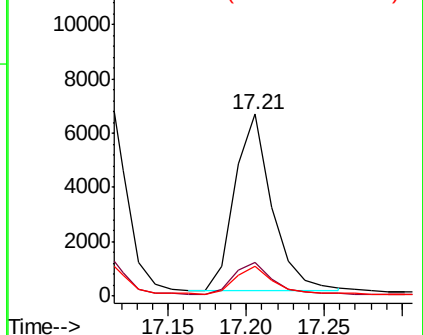
179 15.0 13.0 19.6

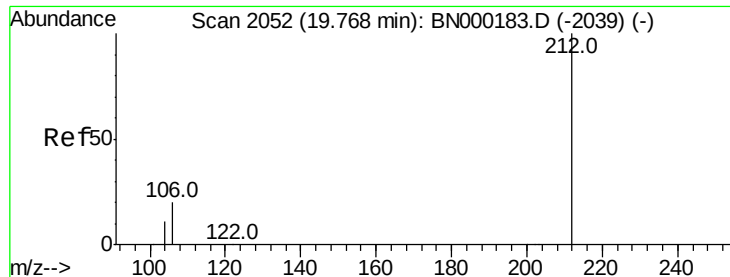


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

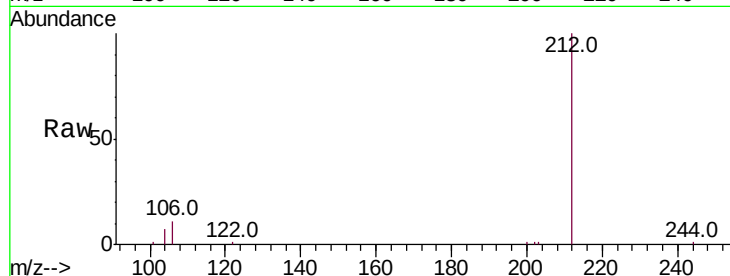
Tot Ion:212 Resp: 12173

Ion Ratio Lower Upper

212 100

106 11.9 2.8 4.2#

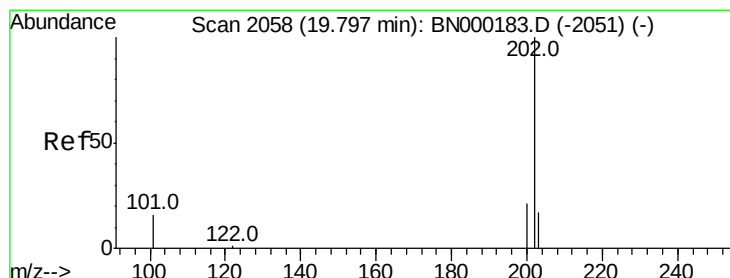
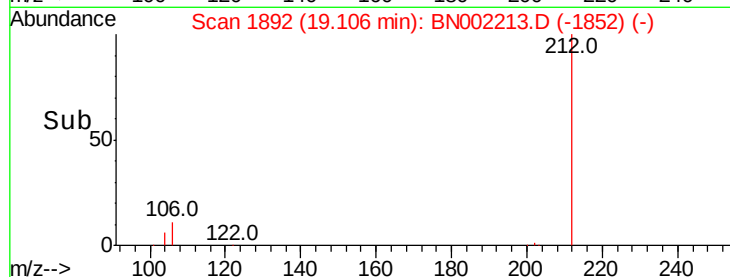
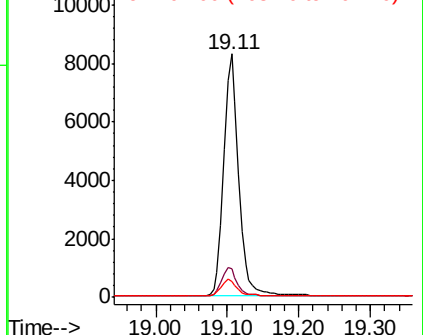
104 6.6 1.6 2.4#



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: 0.342 ng

RT: 19.14 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

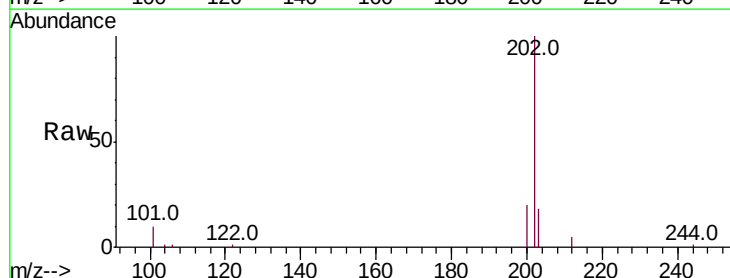
Tgt Ion:202 Resp: 13163

Ion Ratio Lower Upper

202 100

101 10.0 9.8 14.8

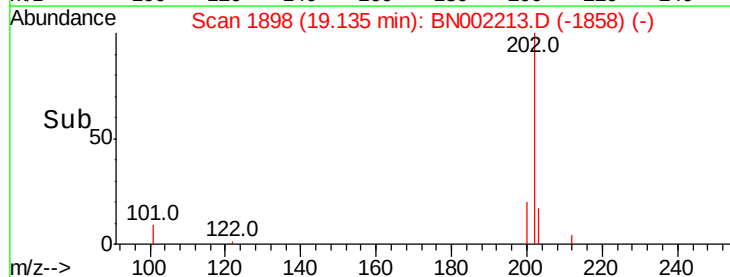
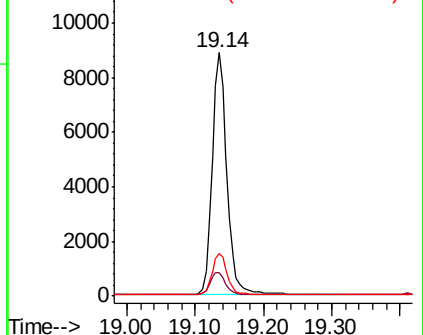
203 17.0 13.7 20.5

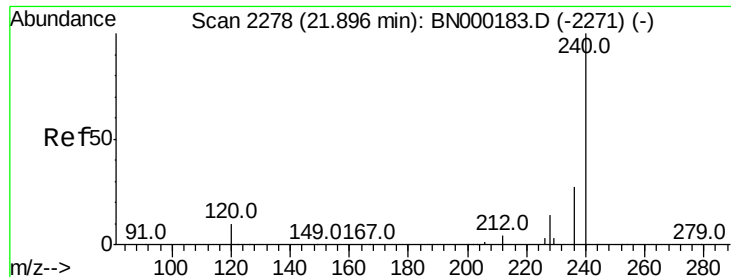


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

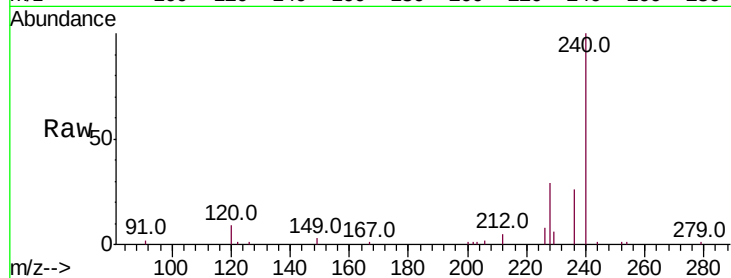
Tot Ion:240 Resp: 11130

Ion Ratio Lower Upper

240 100

120 9.2 5.5 8.3#

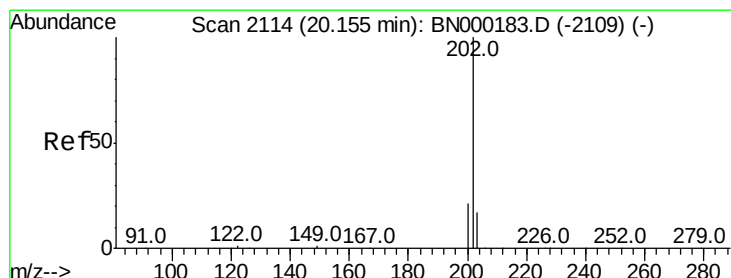
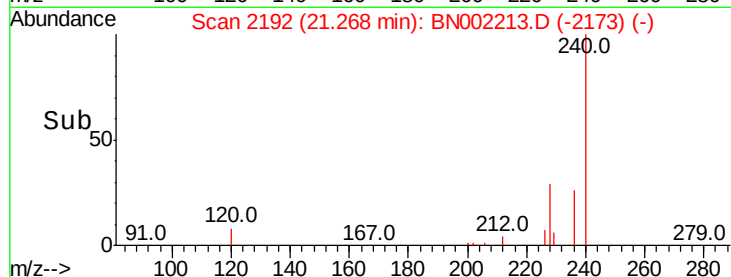
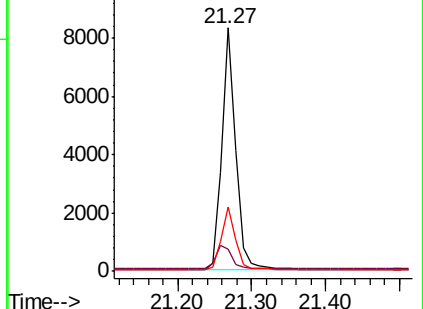
236 26.3 20.7 31.1



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: 0.402 ng

RT: 19.50 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

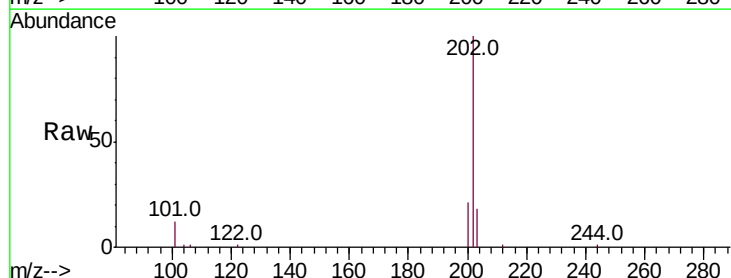
Tgt Ion:202 Resp: 13235

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

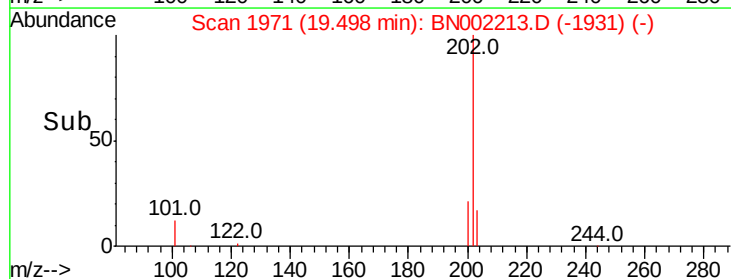
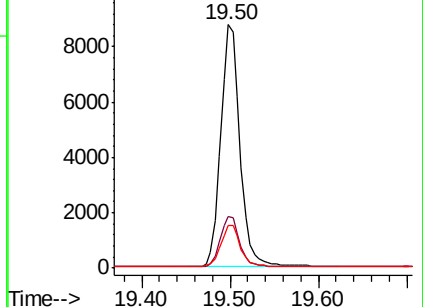
203 17.3 13.8 20.8

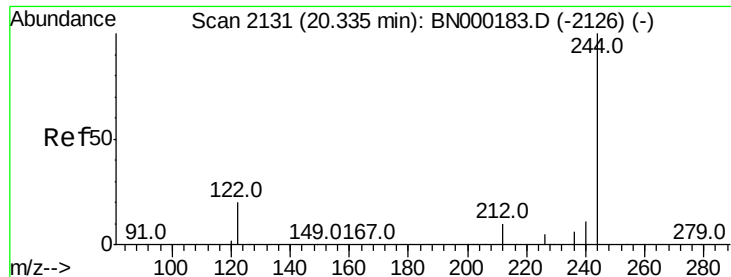


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

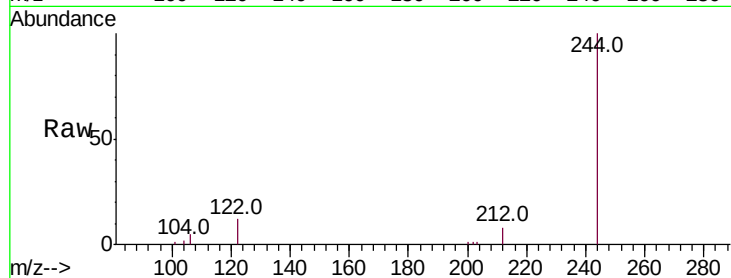
Tot Ion:244 Resp: 9322

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

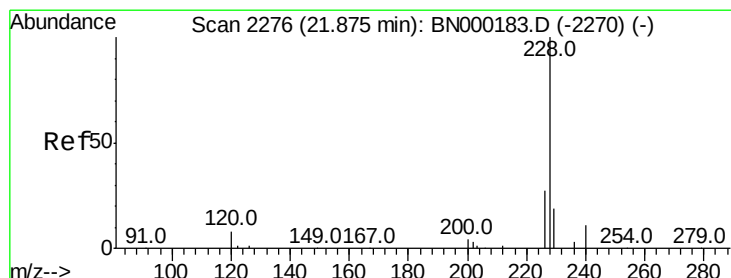
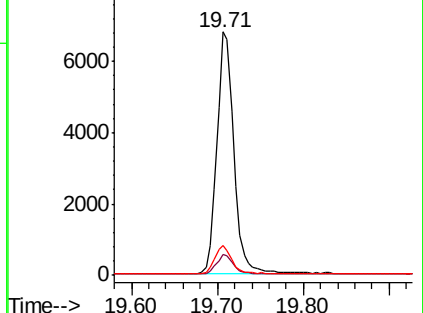
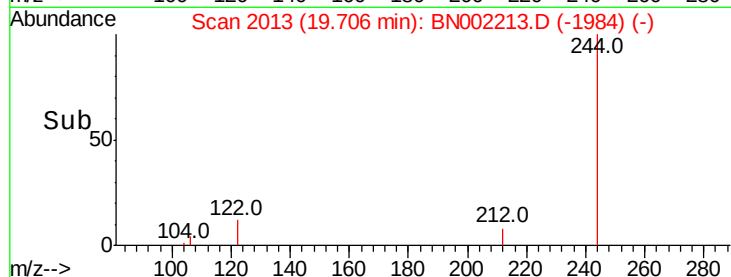
122 12.3 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.379 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

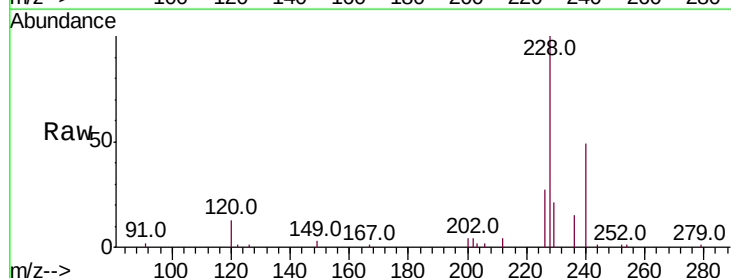
Tgt Ion:228 Resp: 10607

Ion Ratio Lower Upper

228 100

226 26.7 24.0 36.0

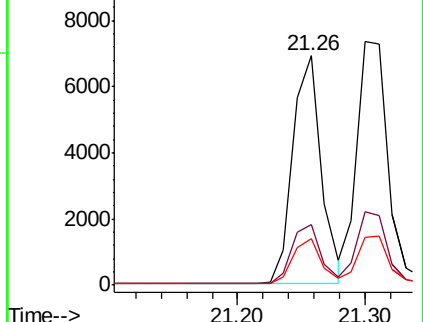
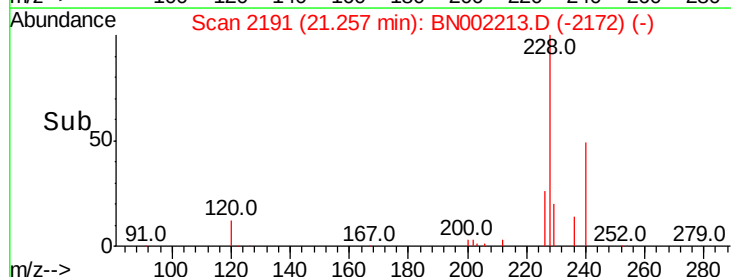
229 20.5 16.0 24.0

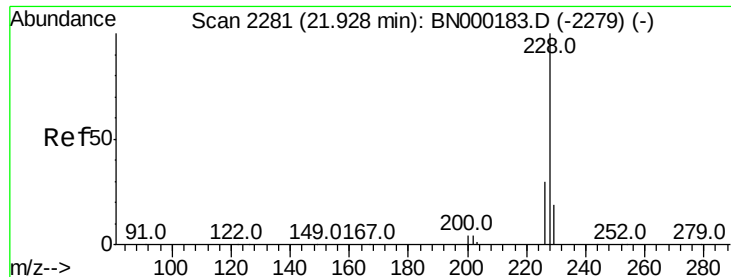


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

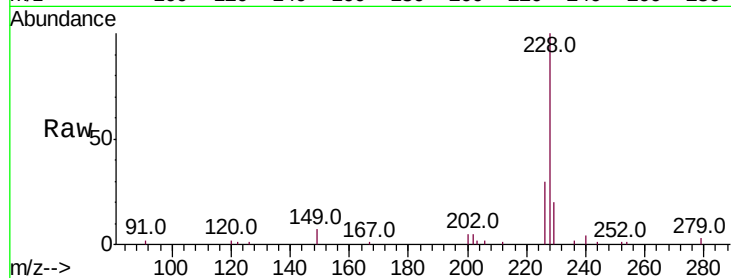
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 12205

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.7	16.0	24.0

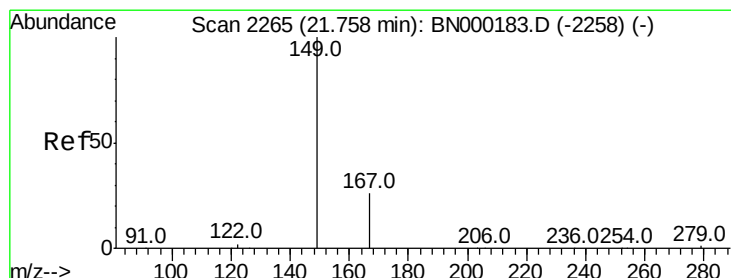
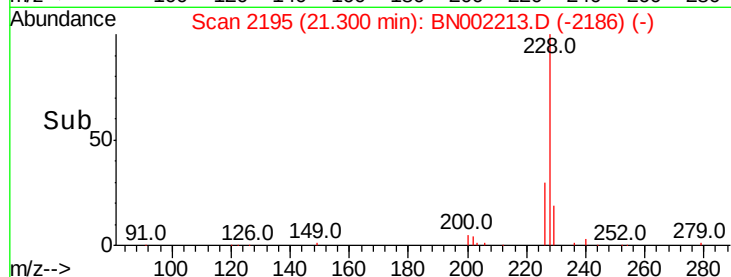
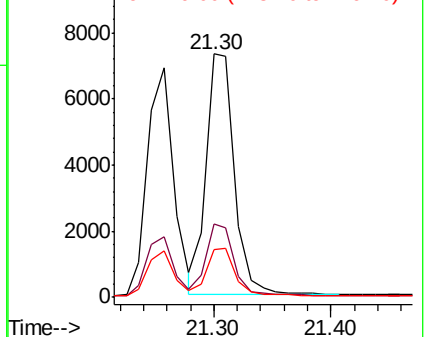


Abundance

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: 0.372 ng

RT: 21.18 min Scan# 2184

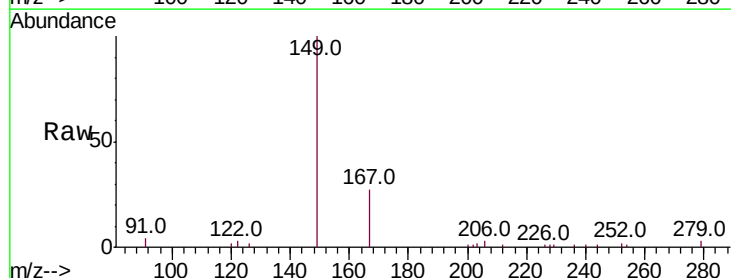
Delta R.T. -0.01 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Tgt Ion:149 Resp: 4768

Ion	Ratio	Lower	Upper
149	100		
167	28.2	20.0	30.0
279	4.4	1.6	2.4

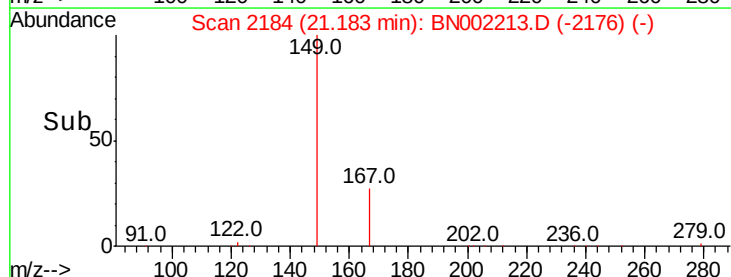
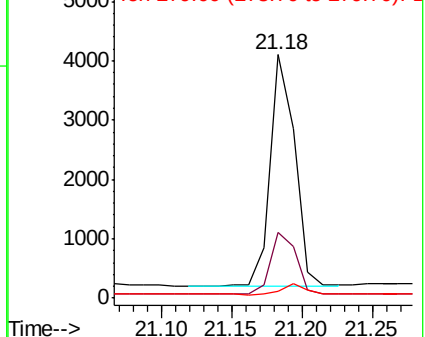


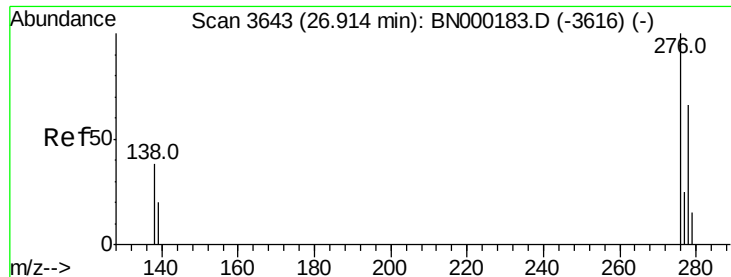
Abundance

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: 0.453 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.00 min

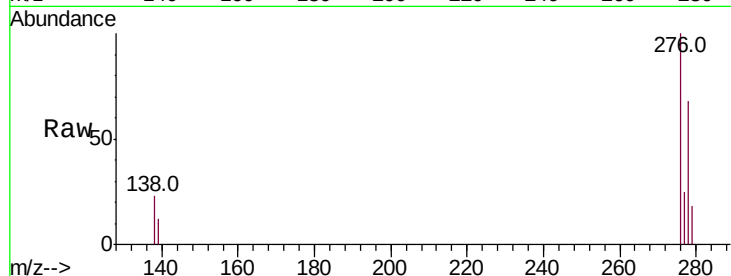
Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 13371

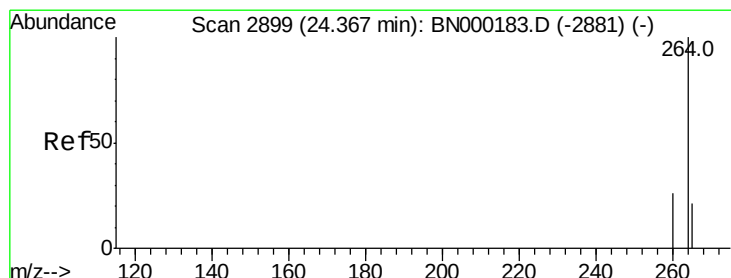
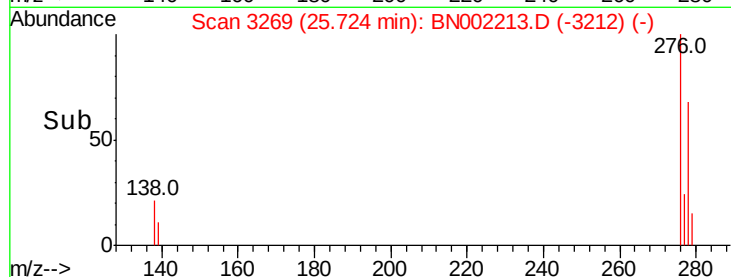
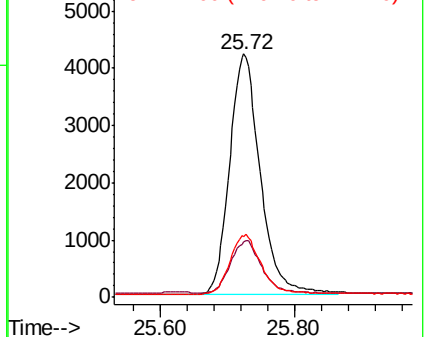
Ion Ratio Lower Upper

276 100

138 22.5 22.5 33.7

277 24.9 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: BN002213.D

Acq: 31 Jul 2018 16:23

Tgt Ion:264 Resp: 10593

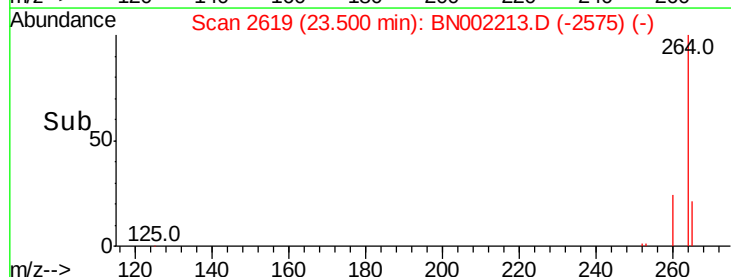
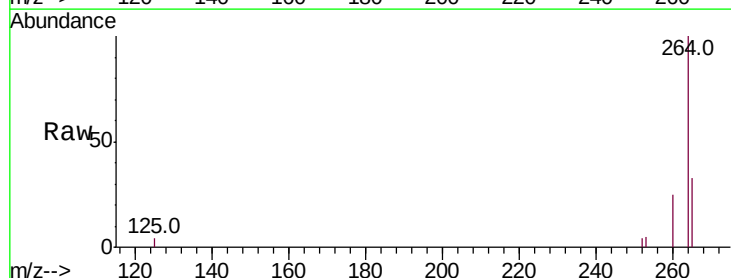
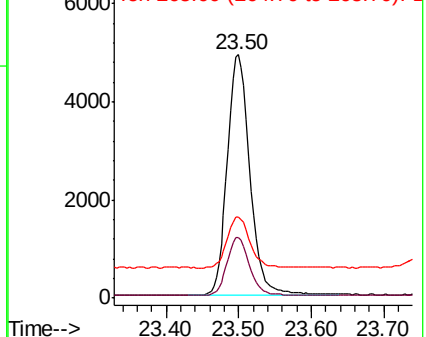
Ion Ratio Lower Upper

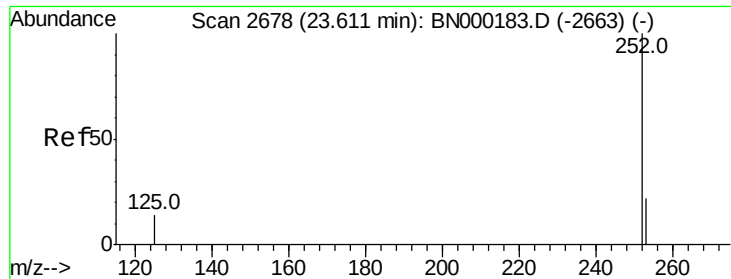
264 100

260 24.8 20.5 30.7

265 33.3 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

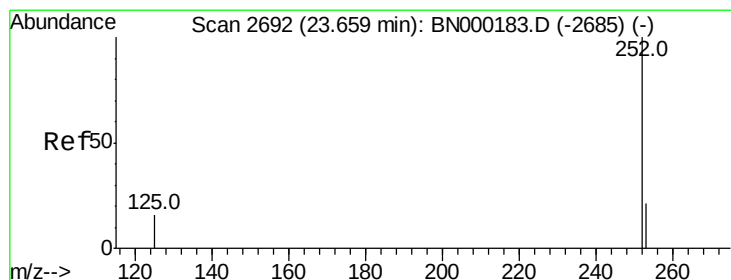
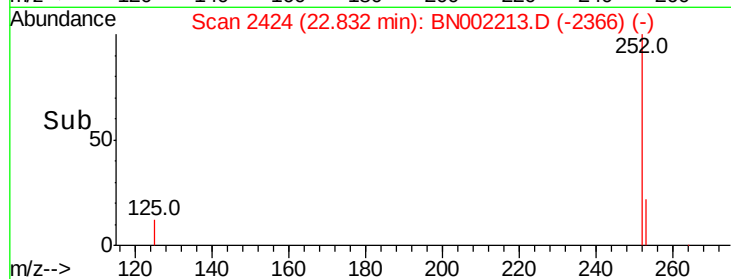
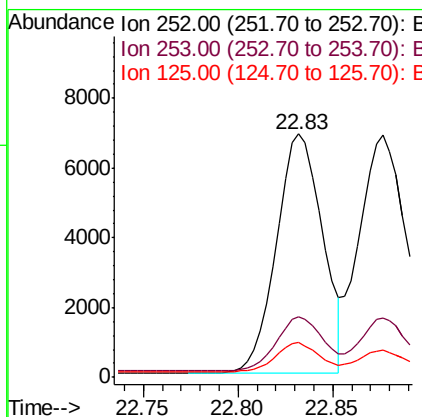
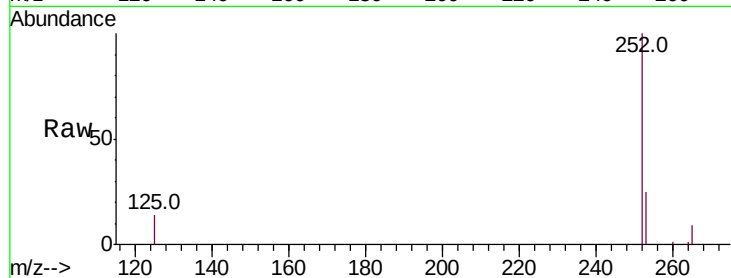




#35
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN002213.D
Acq: 31 Jul 2018 16:23

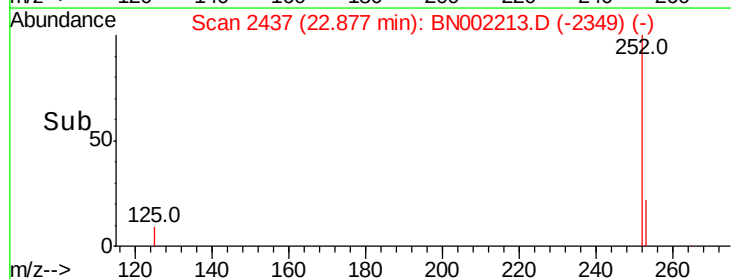
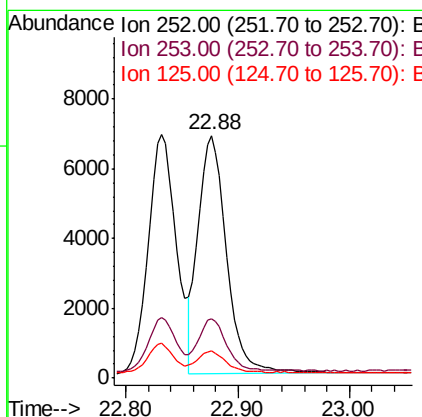
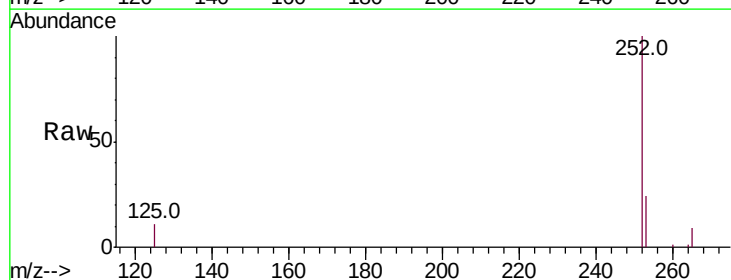
Instrument :
BNA_N
ClientSampleId :

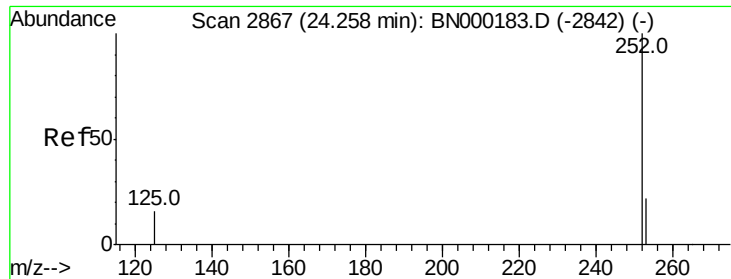
Tot Ion:252 Resp: 11512
Ion Ratio Lower Upper
252 100
253 24.9 20.0 30.0
125 14.1 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 22.88 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BN002213.D
Acq: 31 Jul 2018 16:23

Tgt Ion:252 Resp: 11966
Ion Ratio Lower Upper
252 100
253 24.4 16.0 24.0#
125 11.1 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.40 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :

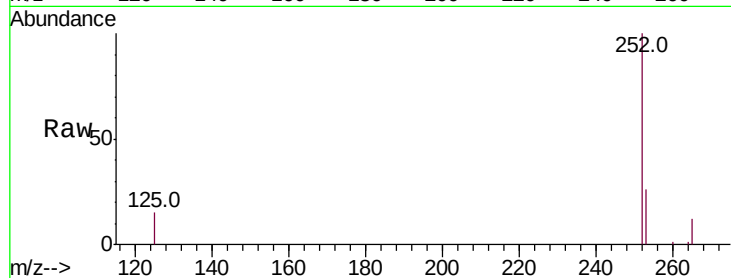
Tot Ion:252 Resp: 11108

Ion Ratio Lower Upper

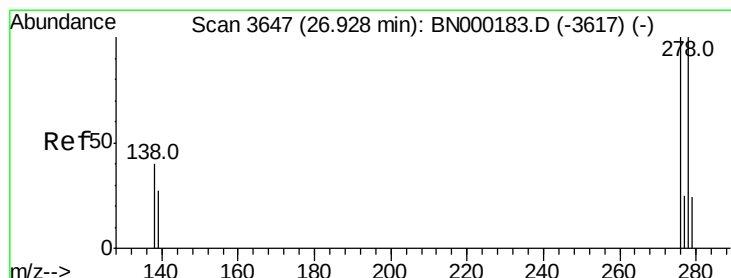
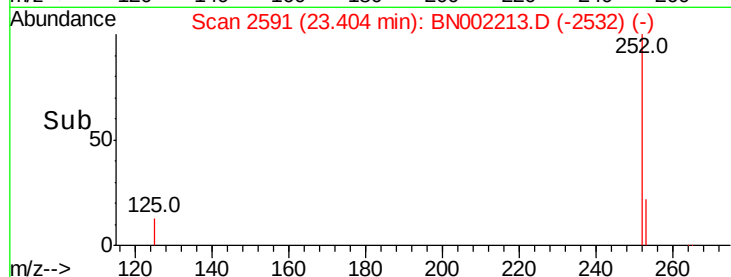
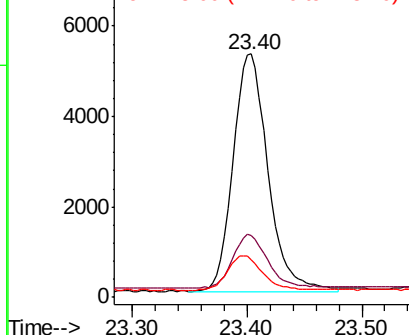
252 100

253 25.7 16.0 24.0#

125 15.4 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: 0.406 ng

RT: 25.73 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

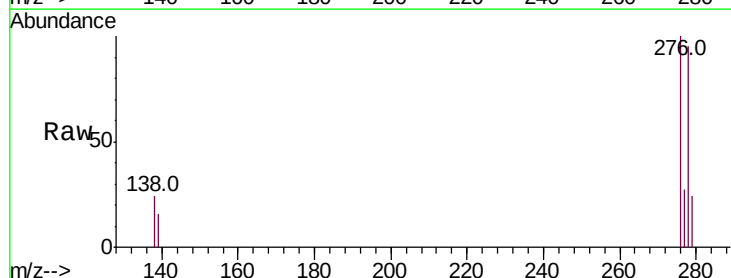
Tgt Ion:278 Resp: 11159

Ion Ratio Lower Upper

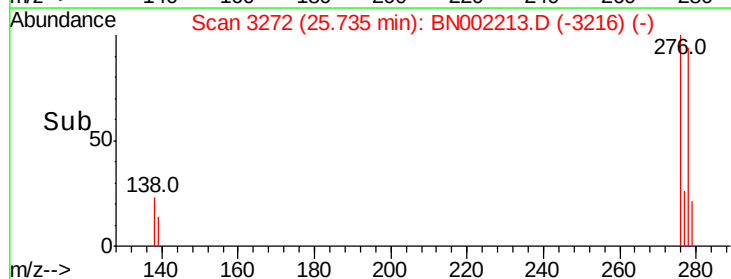
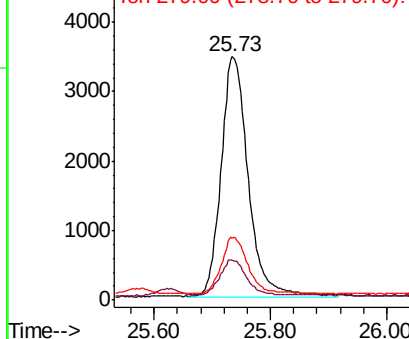
278 100

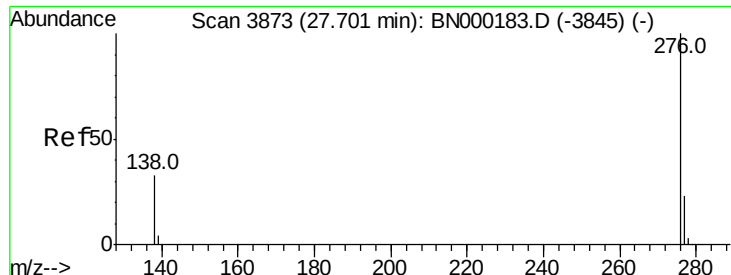
139 16.5 16.0 24.0

279 25.6 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: 0.406 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.00 min

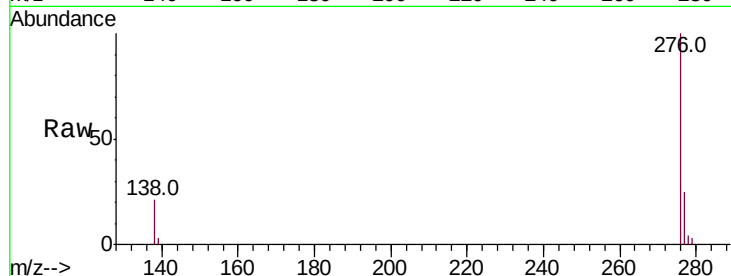
Lab File: BN002213.D

Acq: 31 Jul 2018 16:23

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 11388

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0#

138 20.7 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

