

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
 Data File : BN002201.D
 Acq On : 31 Jul 2018 08:32
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 31 09:07:34 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	3475	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	14172	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	8040	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	17348	0.40	ng	0.00
27) Chrysene-d12	21.27	240	13193	0.40	ng	0.00
34) Perylene-d12	23.50	264	11618	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2944	0.36	ng	0.00
5) Phenol-d6	6.88	99	3559	0.36	ng	0.00
8) Nitrobenzene-d5	8.84	82	4038	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	8099	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1151	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	11869	0.38	ng	0.00
25) Fluoranthene-d10	19.11	212	15311	0.36	ng	0.00
29) Terphenyl-d14	19.71	244	11716	0.42	ng	0.00

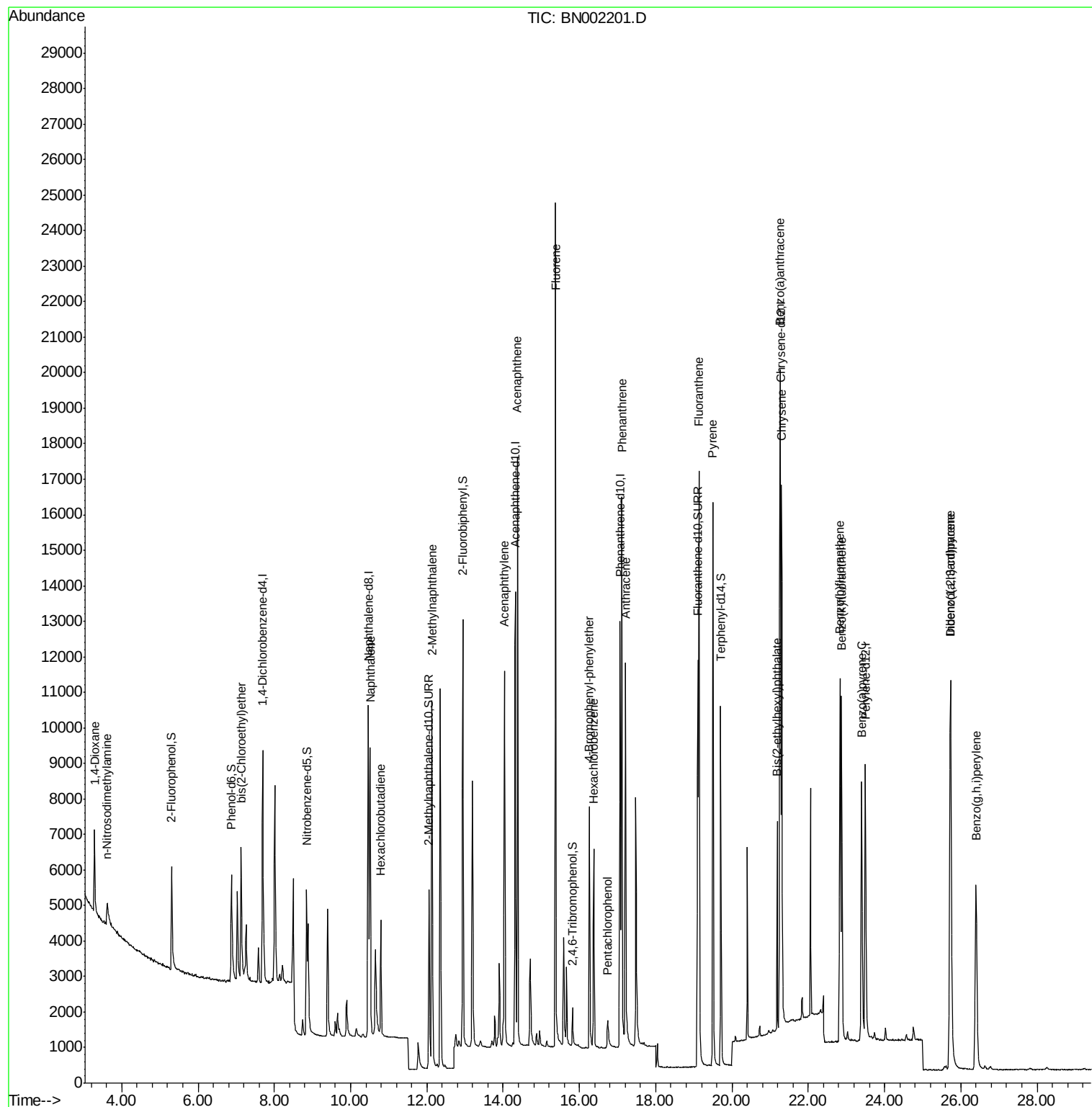
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1422	0.363	ng	98
3) n-Nitrosodimethylamine	3.62	42	757	0.327	ng	# 92
6) bis(2-Chloroethyl)ether	7.13	93	3386	0.357	ng	# 86
9) Naphthalene	10.52	128	12654	0.396	ng	95
10) Hexachlorobutadiene	10.80	225	2697	0.390	ng	# 54
12) 2-Methylnaphthalene	12.13	142	8484	0.393	ng	98
16) Acenaphthylene	14.03	152	12850	0.374	ng	100
17) Acenaphthene	14.38	154	8613	0.390	ng	97
18) Fluorene	15.37	166	10370	0.382	ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	3753	0.382	ng	# 80
21) Hexachlorobenzene	16.38	284	4337	0.399	ng	95
22) Pentachlorophenol	16.74	266	659	0.336	ng	90
23) Phenanthrene	17.11	178	16512	0.383	ng	99
24) Anthracene	17.21	178	12996	0.364	ng	96
26) Fluoranthene	19.14	202	16715	0.356	ng	97
28) Pyrene	19.50	202	16683	0.428	ng	100
30) Benzo(a)anthracene	21.26	228	12339	0.372	ng	96
31) Chrysene	21.30	228	14508	0.391	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	5198	0.343	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.72	276	14354	0.410	ng	# 94
35) Benzo(b)fluoranthene	22.83	252	13040	0.382	ng	# 92
36) Benzo(k)fluoranthene	22.87	252	13544	0.382	ng	94
37) Benzo(a)pyrene	23.40	252	12155	0.393	ng	# 93
38) Dibenzo(a,h)anthracene	25.74	278	11871	0.394	ng	96
39) Benzo(g,h,i)perylene	26.40	276	12181	0.396	ng	# 90

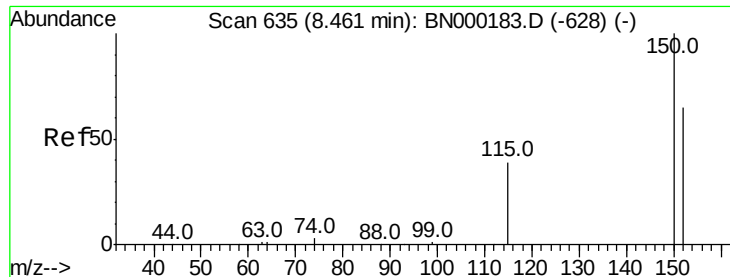
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

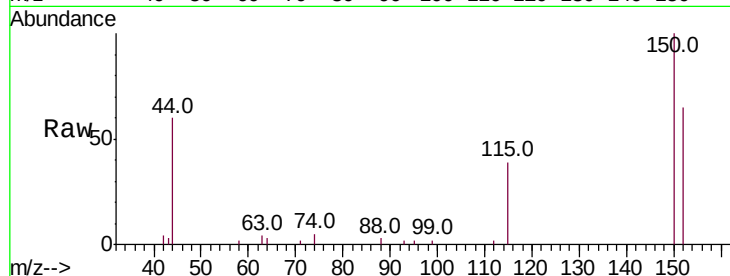
Tot Ion:152 Resp: 3475

Ion Ratio Lower Upper

152 100

150 154.5 117.2 175.8

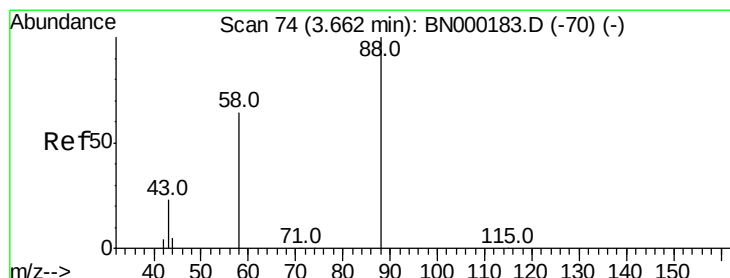
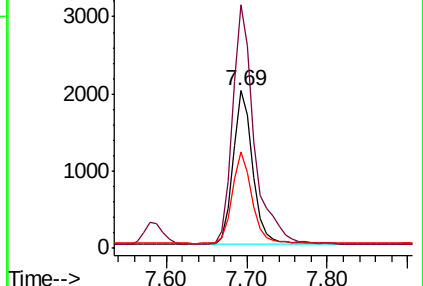
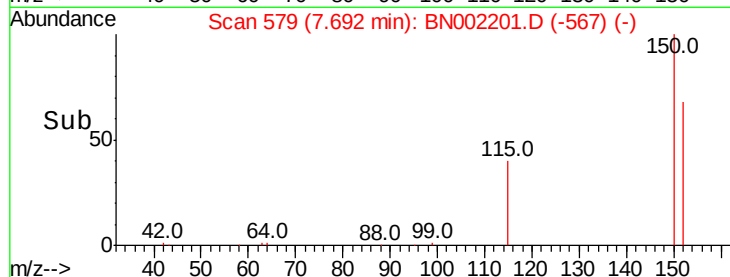
115 60.9 57.0 85.6



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: 0.363 ng

RT: 3.29 min Scan# 32

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

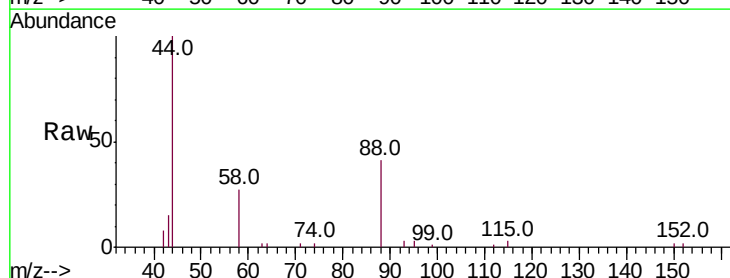
Tgt Ion: 88 Resp: 1422

Ion Ratio Lower Upper

88 100

58 88.0 72.0 108.0

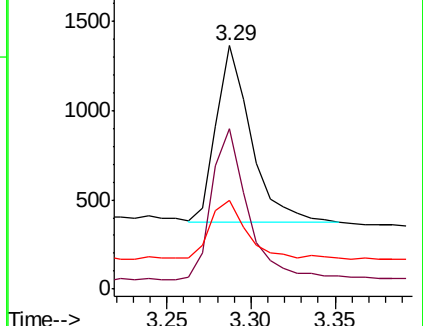
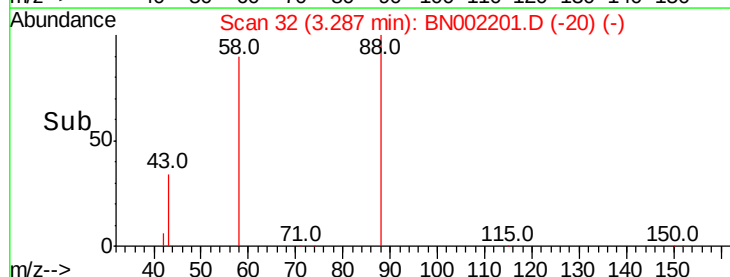
43 34.2 28.0 42.0

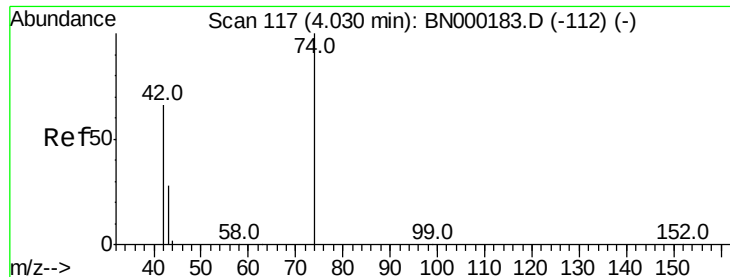


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.327 ng

RT: 3.62 min Scan# 73

Delta R.T. 0.01 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

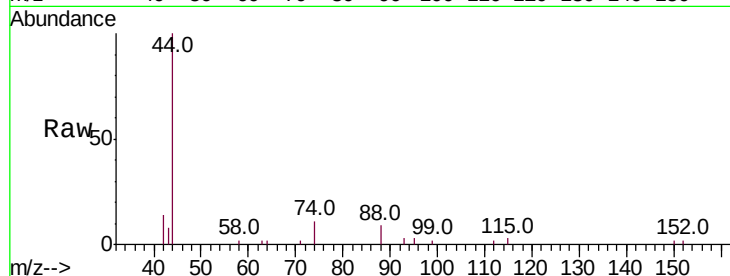
Tot Ion: 42 Resp: 757

Ion Ratio Lower Upper

42 100

74 112.0 88.0 132.0

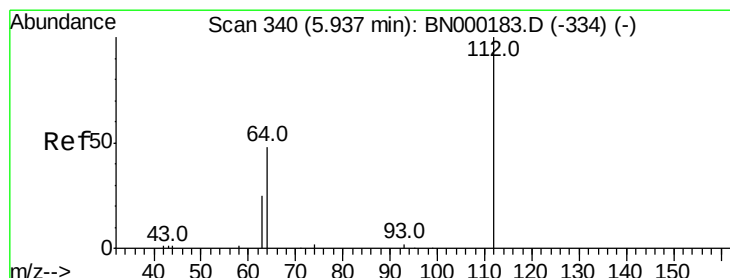
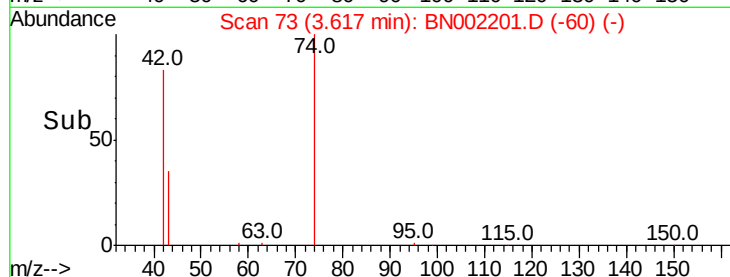
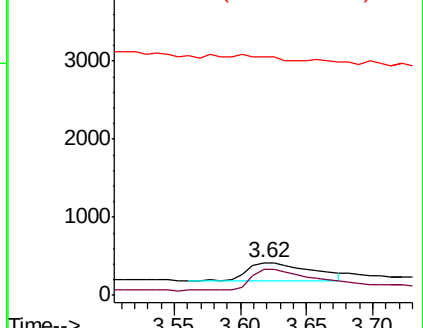
44 0.0 16.0 24.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.363 ng

RT: 5.31 min Scan# 283

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

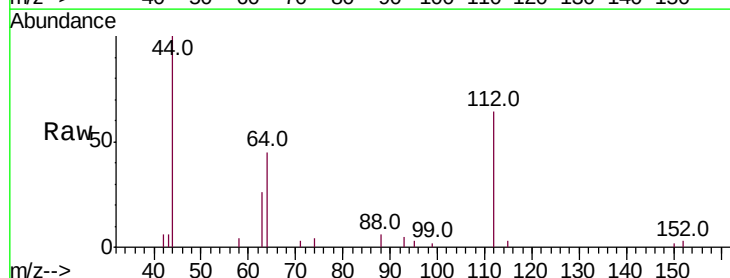
Tgt Ion: 112 Resp: 2944

Ion Ratio Lower Upper

112 100

64 63.9 60.1 90.1

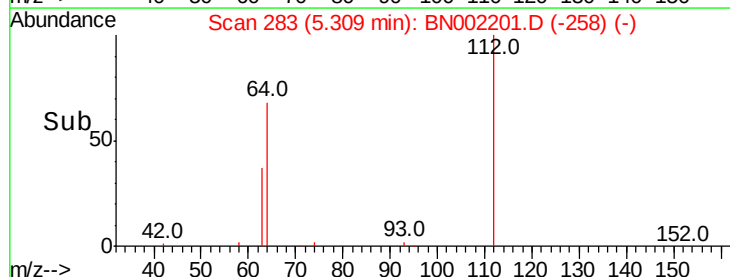
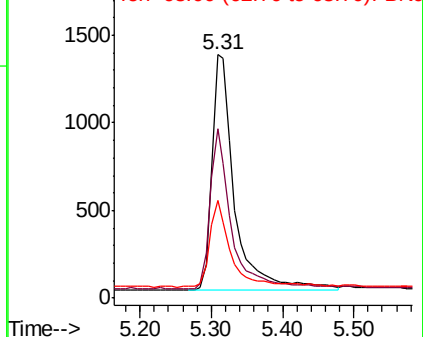
63 35.0 116.8 175.2#

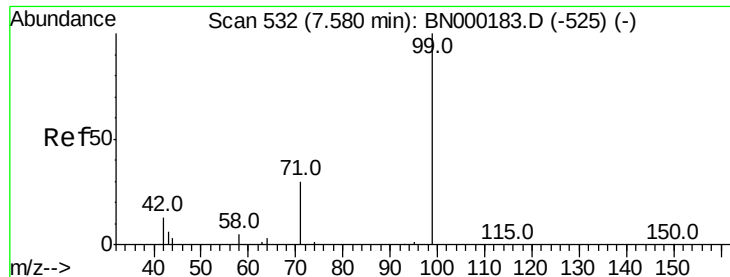


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.361 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

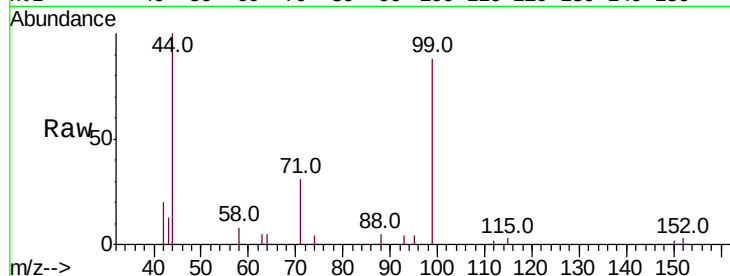
Tot Ion: 99 Resp: 3559

Ion Ratio Lower Upper

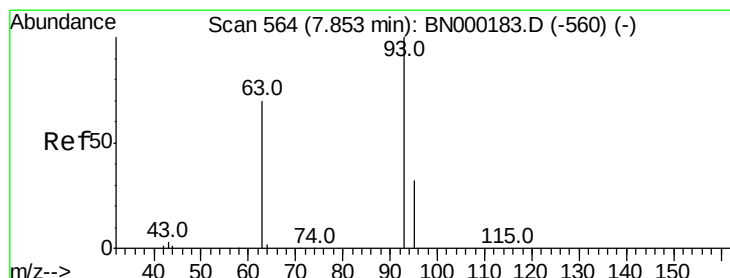
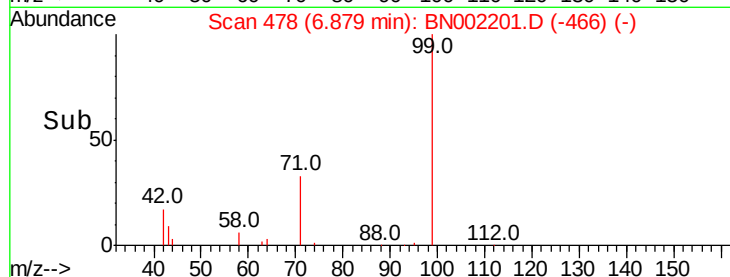
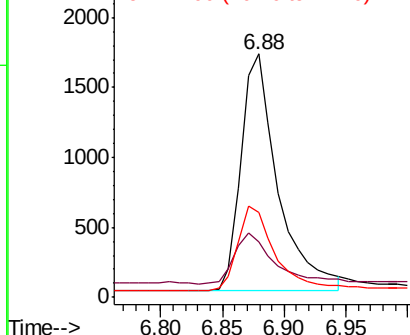
99 100

42 22.6 20.2 30.2

71 35.5 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.357 ng

RT: 7.13 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

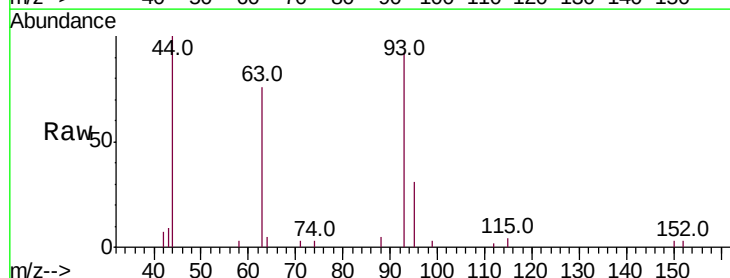
Tgt Ion: 93 Resp: 3386

Ion Ratio Lower Upper

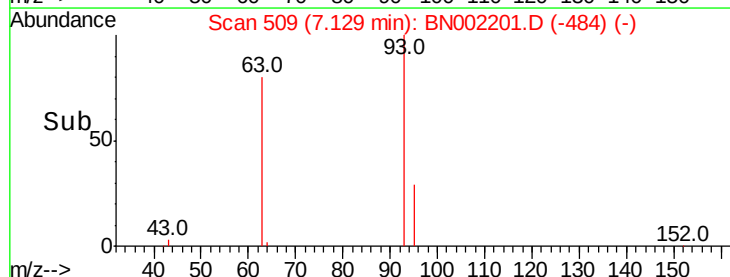
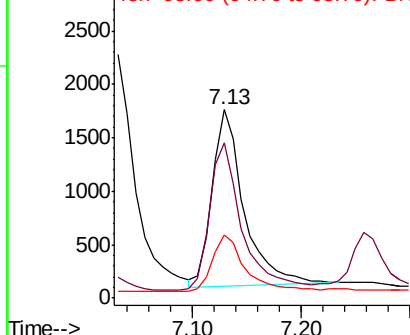
93 100

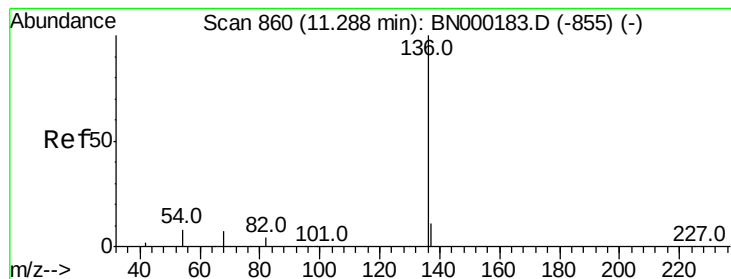
63 85.0 56.0 84.0#

95 33.4 25.2 37.8



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 14172

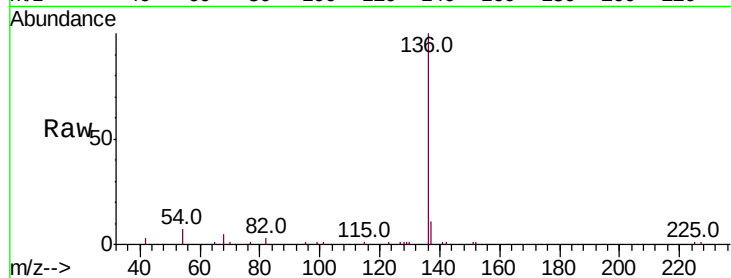
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 7.0 29.1 43.7#

68 4.8 6.2 9.2#

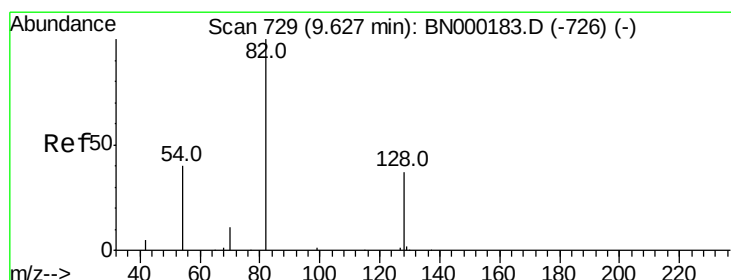
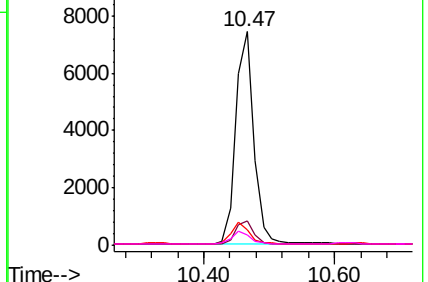
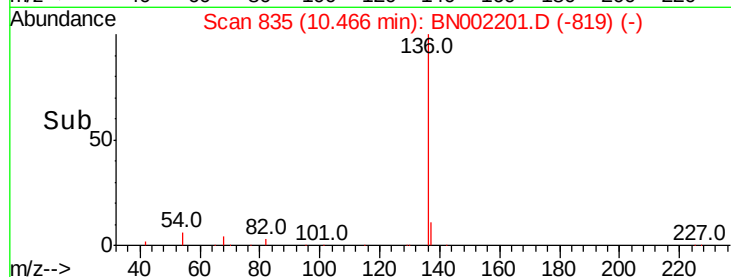


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

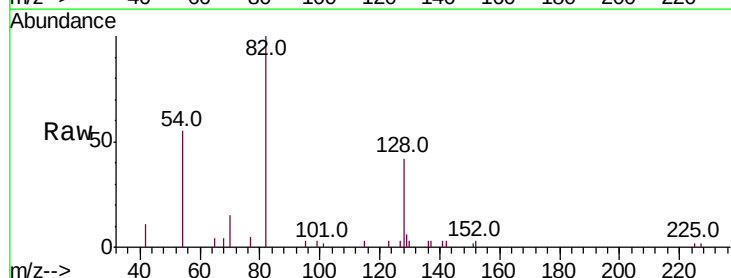
Tgt Ion: 82 Resp: 4038

Ion Ratio Lower Upper

82 100

128 42.1 150.0 225.0#

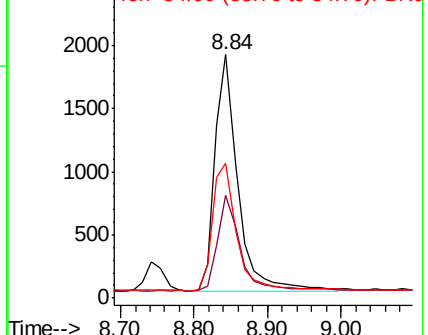
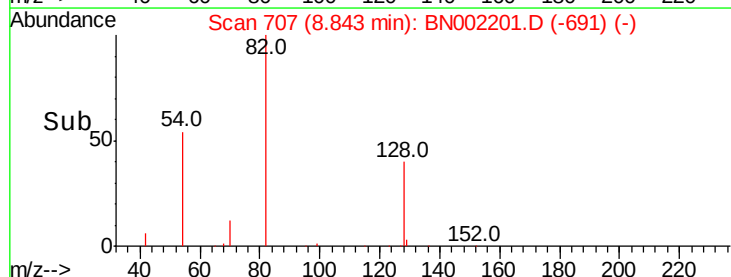
54 55.4 154.2 231.4#

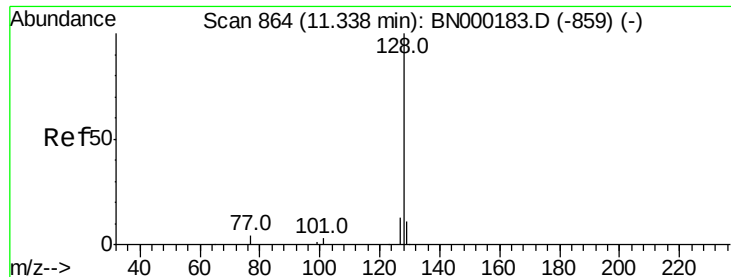


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.396 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

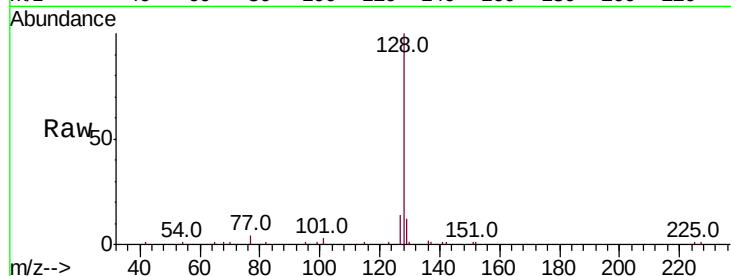
Tot Ion:128 Resp: 12654

Ion Ratio Lower Upper

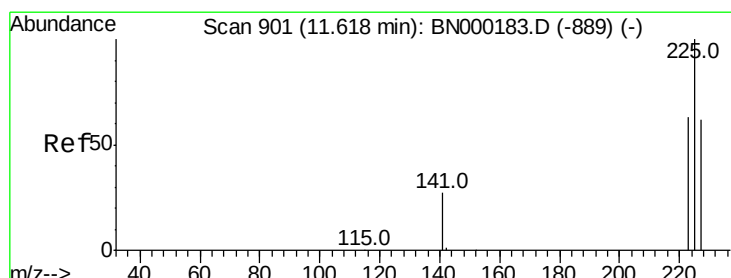
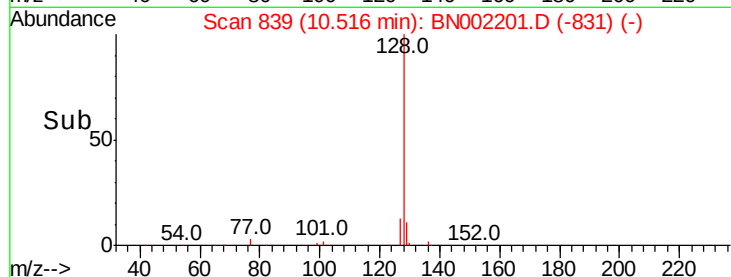
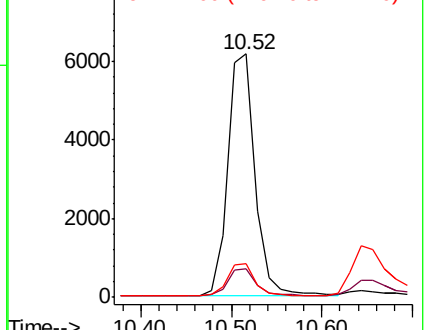
128 100

129 11.8 8.0 12.0

127 13.7 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: 0.390 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

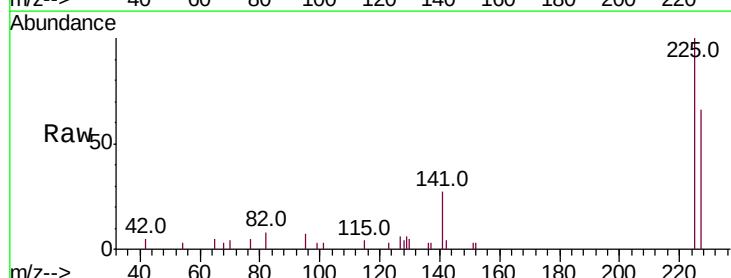
Tgt Ion:225 Resp: 2697

Ion Ratio Lower Upper

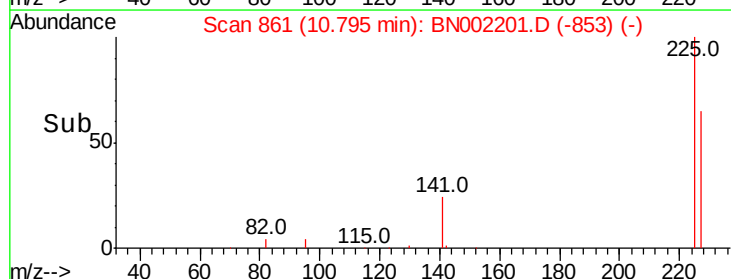
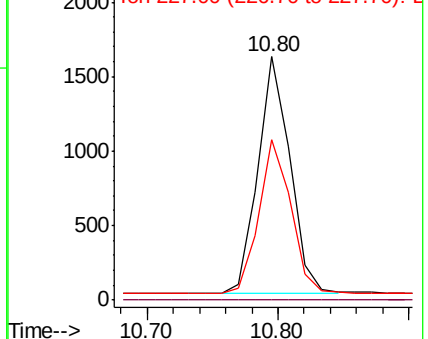
225 100

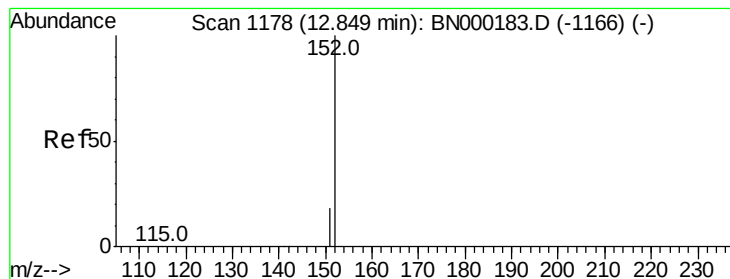
223 0.0 52.0 78.0#

227 64.6 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: 0.388 ng

RT: 12.06 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

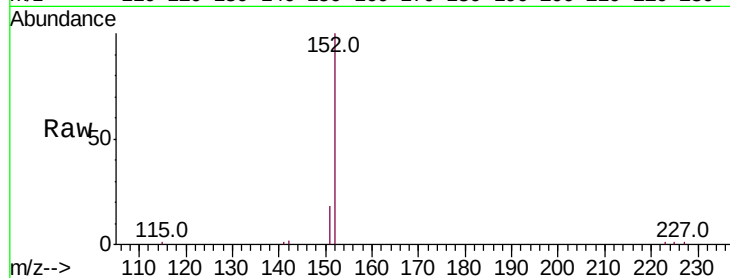
SSTDCCC0.4

Tot Ion:152 Resp: 8099

Ion Ratio Lower Upper

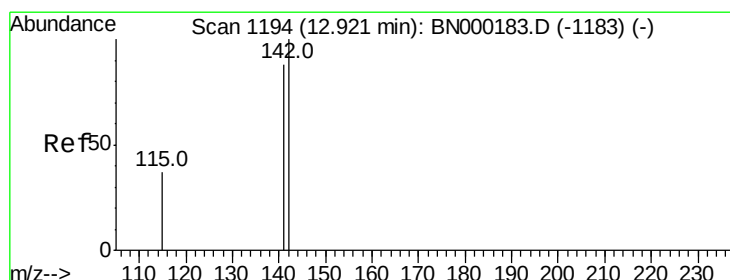
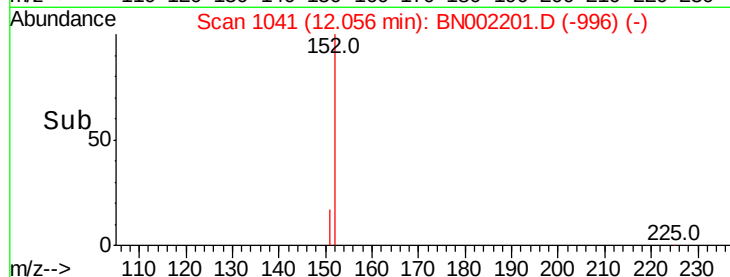
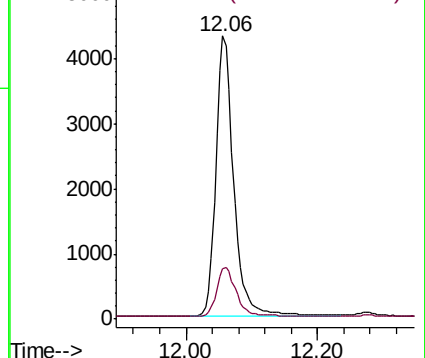
152 100

151 18.9 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: 0.393 ng

RT: 12.13 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

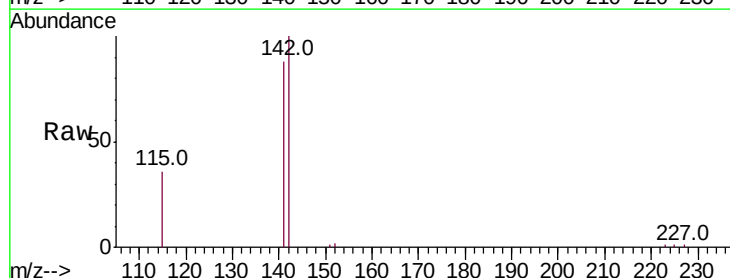
Tgt Ion:142 Resp: 8484

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

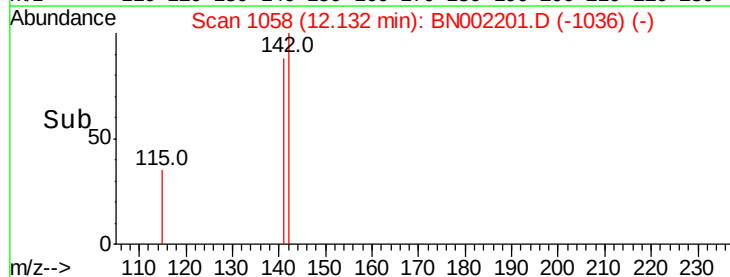
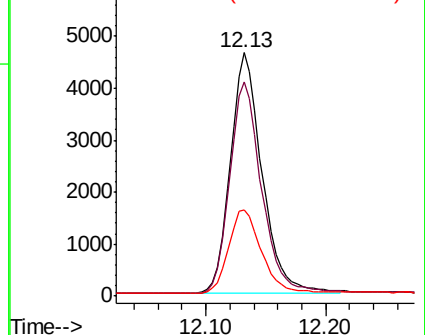
115 35.5 31.7 47.5

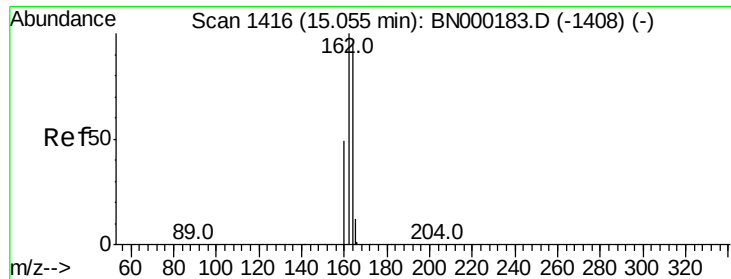


Abundance Ion 142.00 (141.70 to 142.70): E

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: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

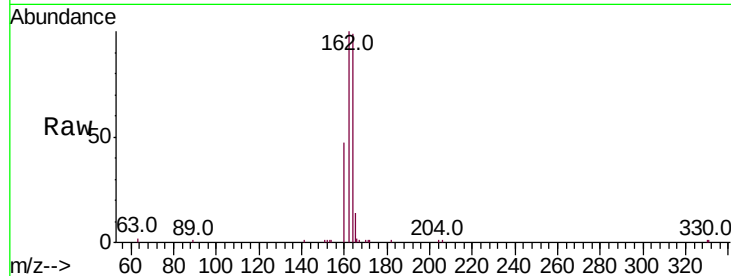
Tot Ion:164 Resp: 8040

Ion Ratio Lower Upper

164 100

162 100.9 83.1 124.7

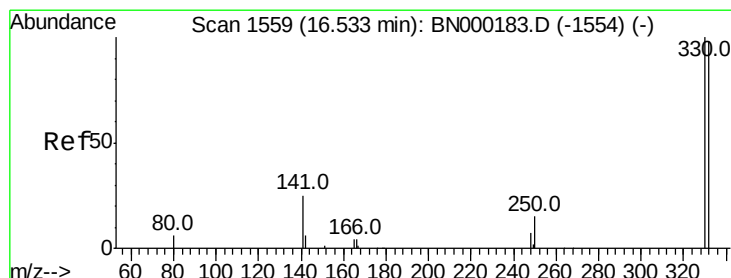
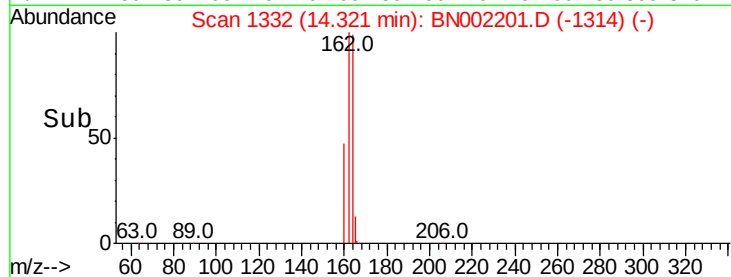
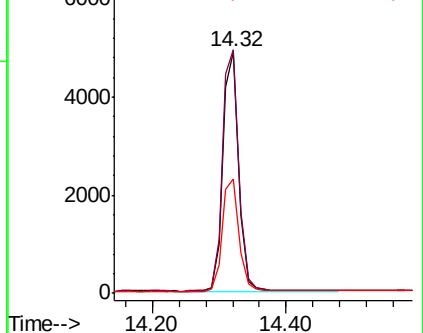
160 47.5 37.1 55.7



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: 0.335 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

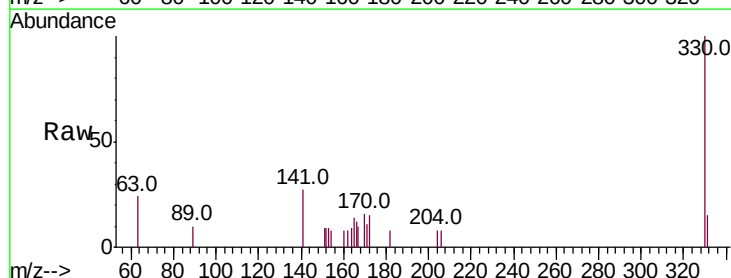
Tgt Ion:330 Resp: 1151

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

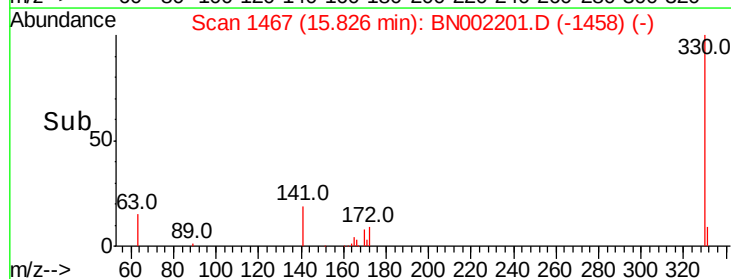
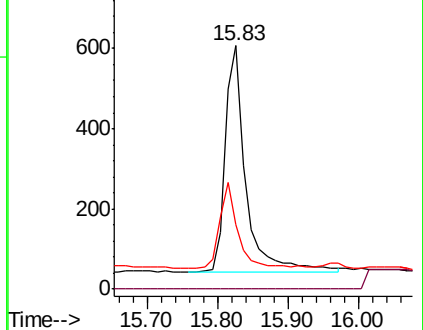
141 34.8 33.7 50.5

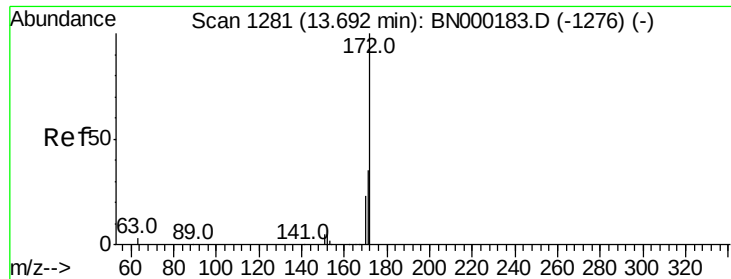


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

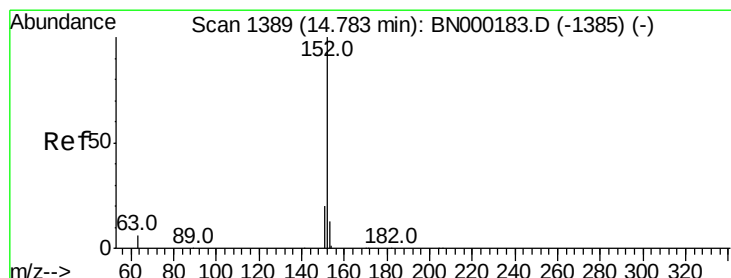
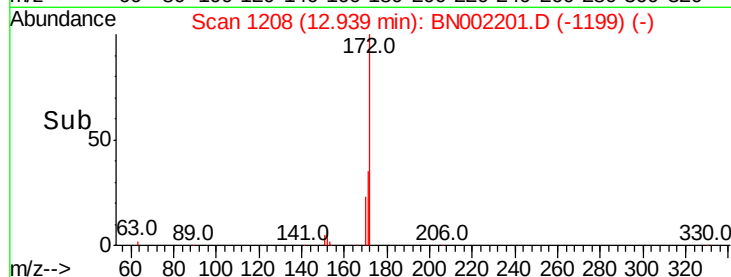
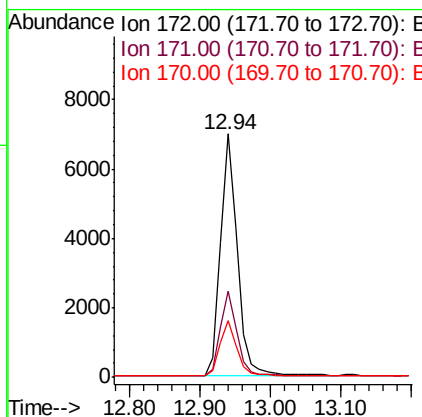
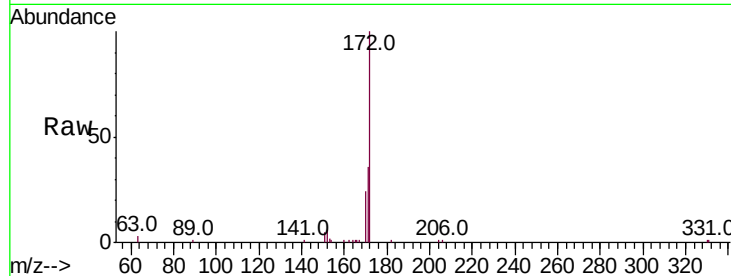




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

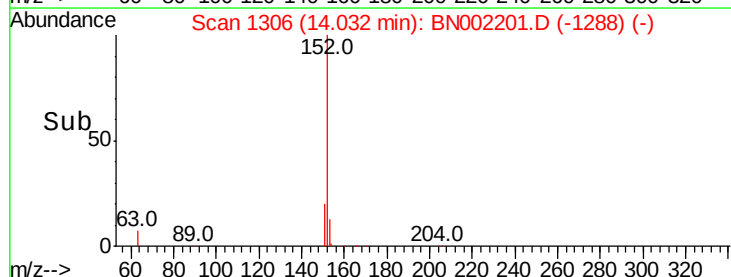
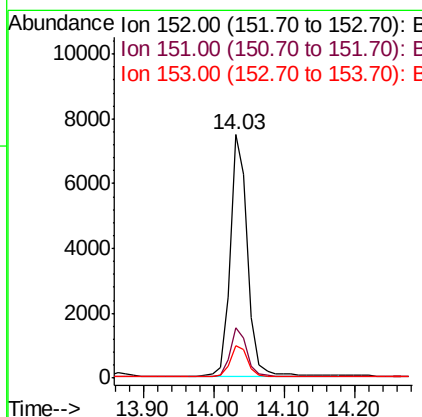
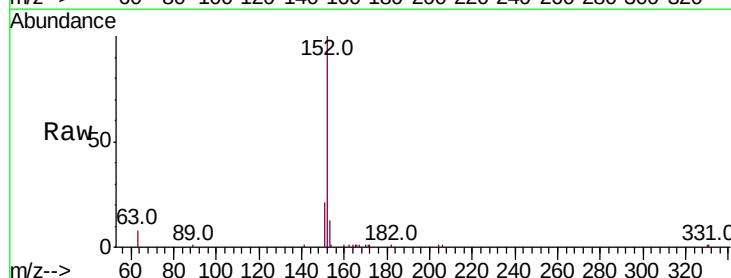
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

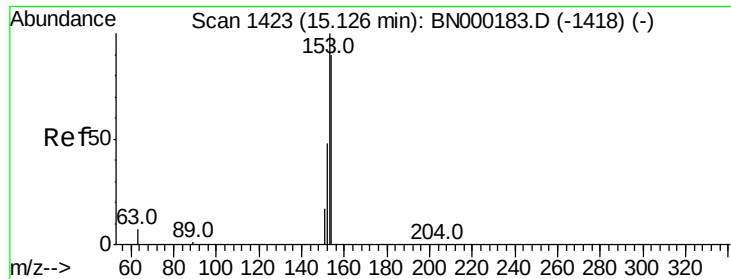
Tot Ion:172 Resp: 11869
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 23.6 21.8 32.8



#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:152 Resp: 12850
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.38 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

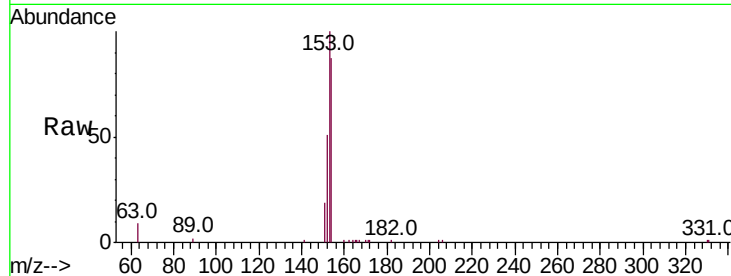
Tot Ion:154 Resp: 8613

Ion Ratio Lower Upper

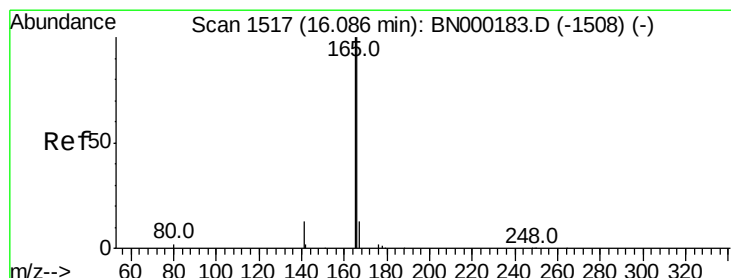
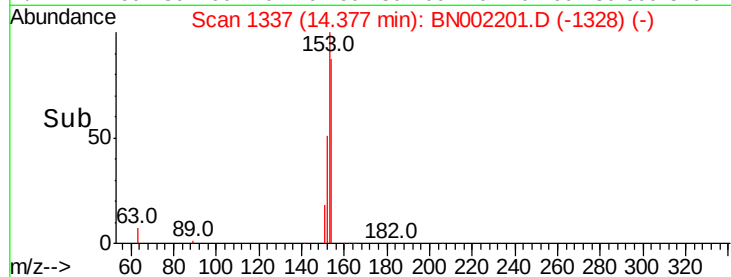
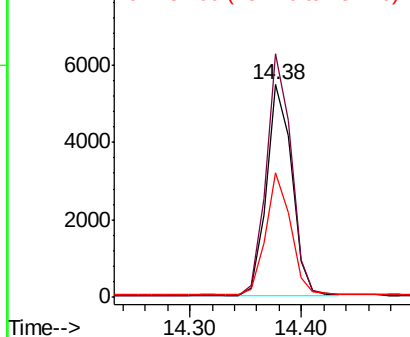
154 100

153 113.7 89.2 133.8

152 56.9 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: 0.382 ng

RT: 15.37 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

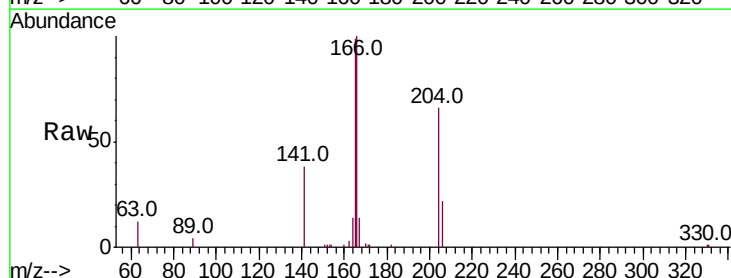
Tgt Ion:166 Resp: 10370

Ion Ratio Lower Upper

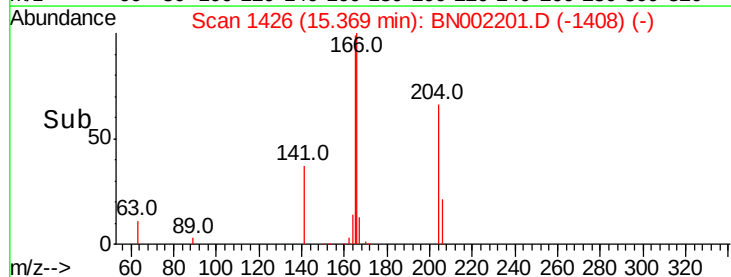
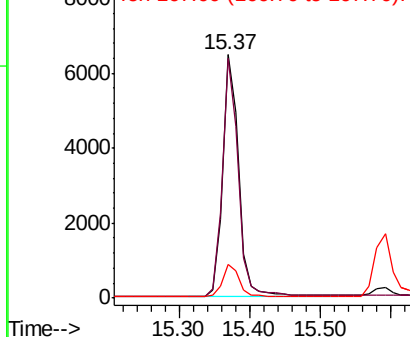
166 100

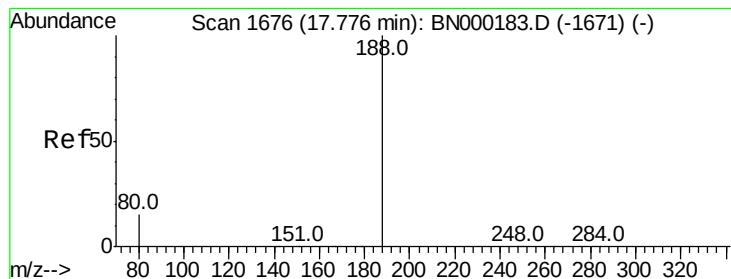
165 97.5 77.8 116.6

167 13.6 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: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

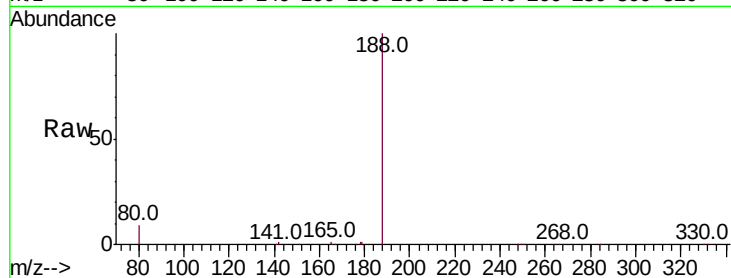
Tot Ion:188 Resp: 17348

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

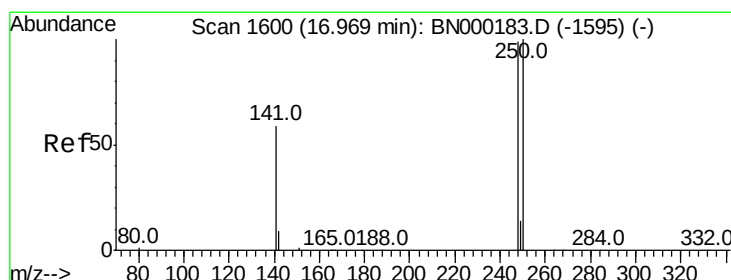
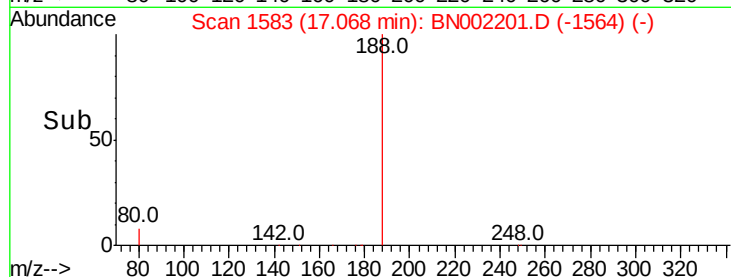
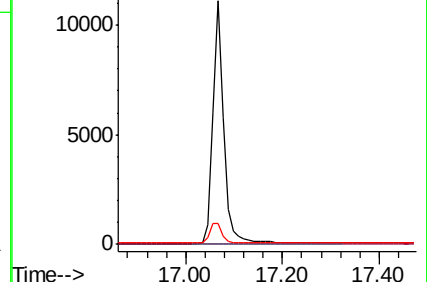
80 8.6 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.382 ng

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

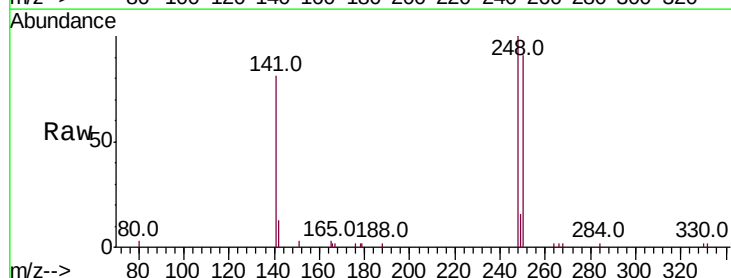
Tgt Ion:248 Resp: 3753

Ion Ratio Lower Upper

248 100

250 90.8 62.7 94.1

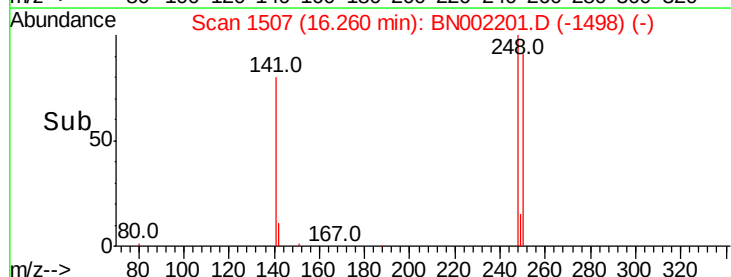
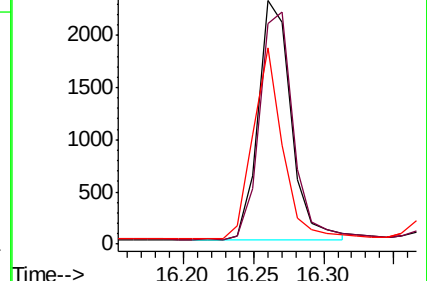
141 80.7 48.2 72.2#

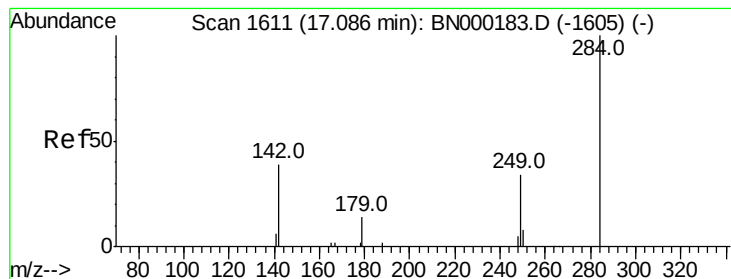


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.399 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

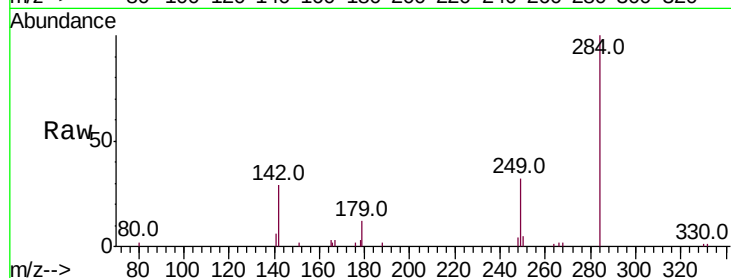
Tot Ion:284 Resp: 4337

Ion Ratio Lower Upper

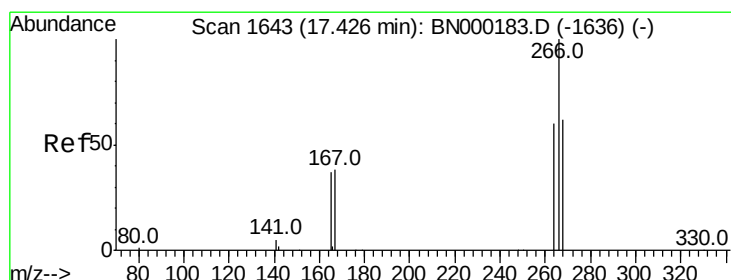
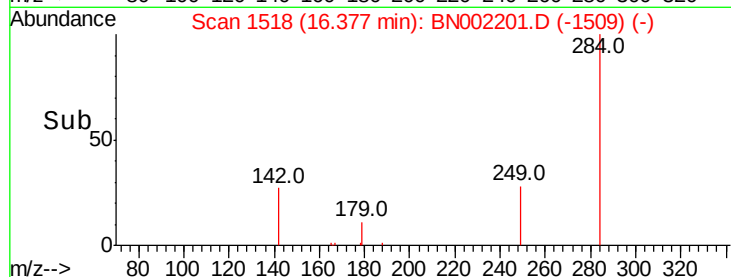
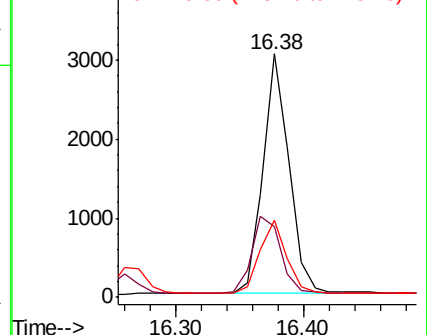
284 100

142 35.7 32.0 48.0

249 30.9 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: 0.336 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

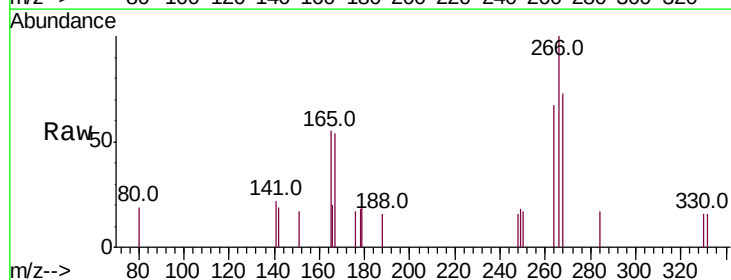
Tgt Ion:266 Resp: 659

Ion Ratio Lower Upper

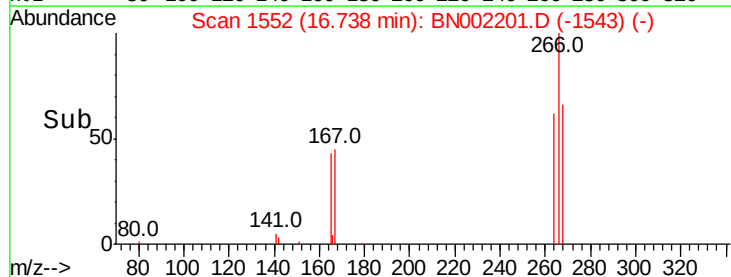
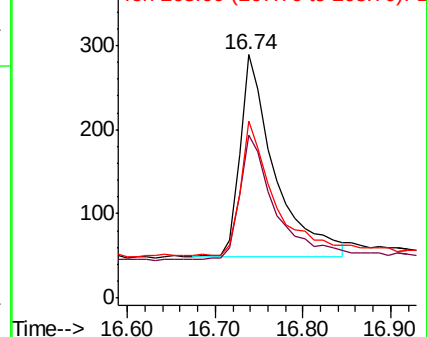
266 100

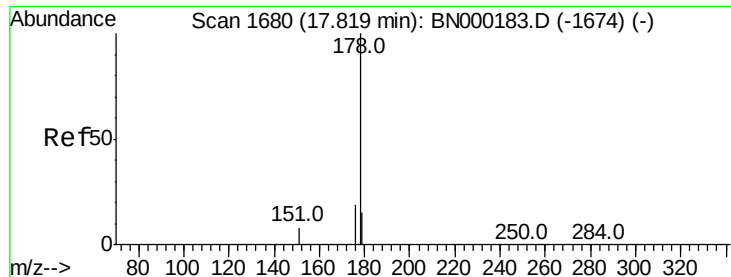
264 67.1 48.0 72.0

268 72.7 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: 0.383 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

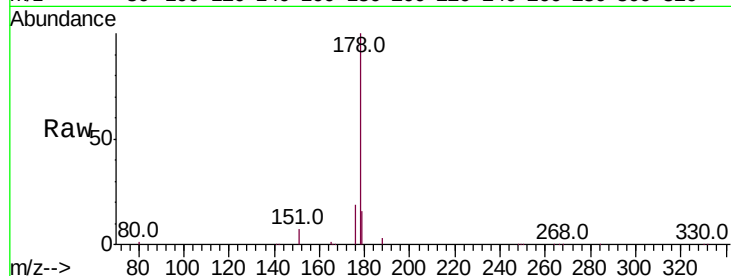
Tot Ion:178 Resp: 16512

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

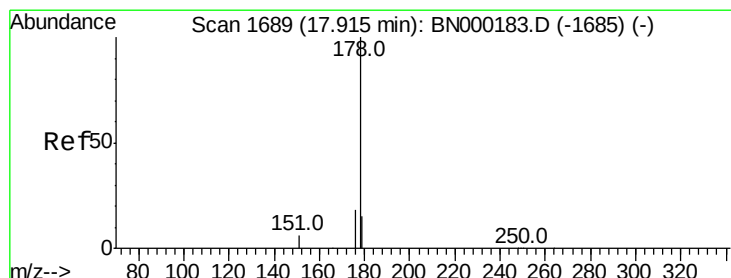
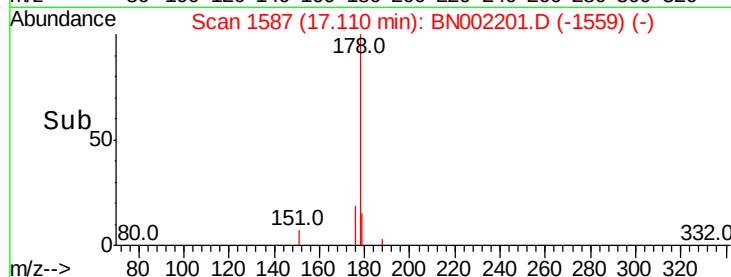
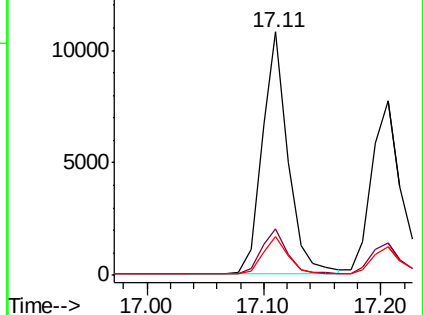
179 15.4 11.8 17.6



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: 0.364 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

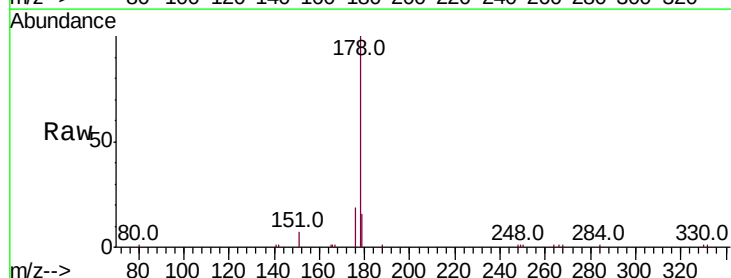
Tgt Ion:178 Resp: 12996

Ion Ratio Lower Upper

178 100

176 18.2 12.8 19.2

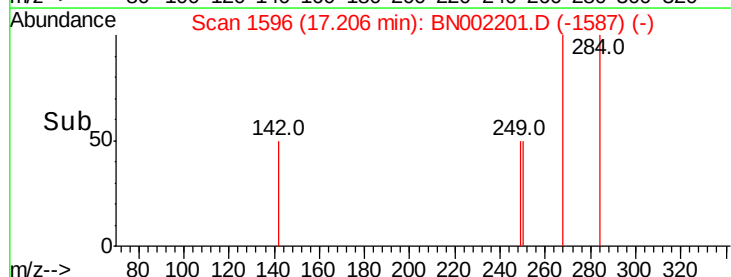
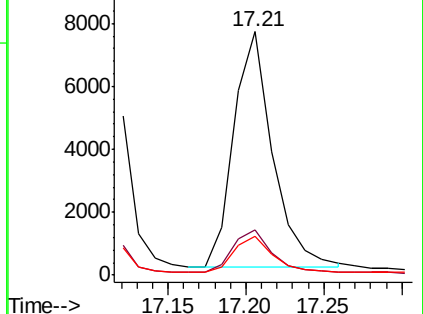
179 15.2 13.0 19.6

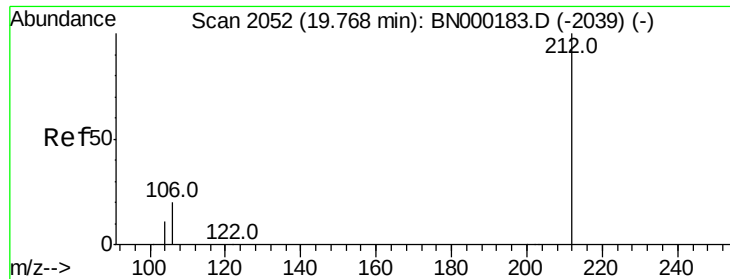


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

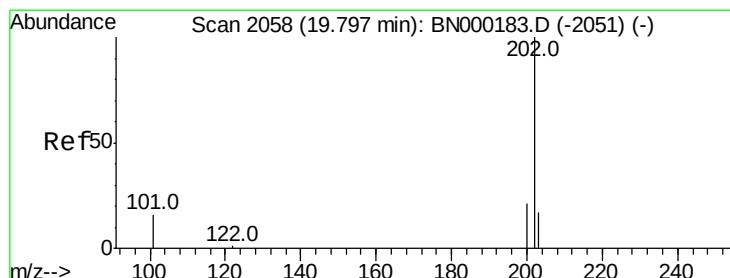
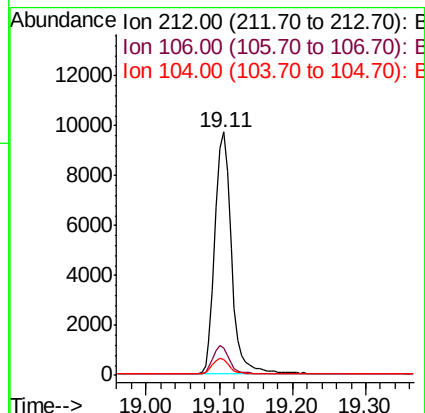
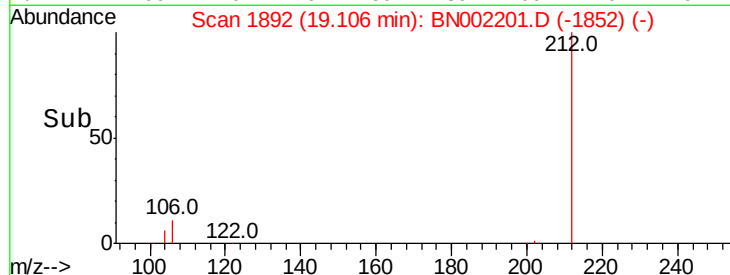
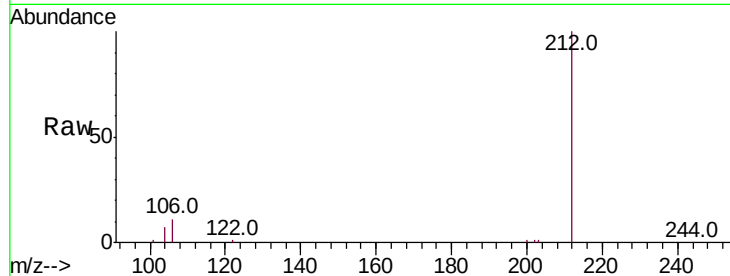
Tot Ion:212 Resp: 15311

Ion Ratio Lower Upper

212 100

106 11.5 2.8 4.2#

104 6.5 1.6 2.4#



#26

Fluoranthene

Concen: 0.356 ng

RT: 19.14 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

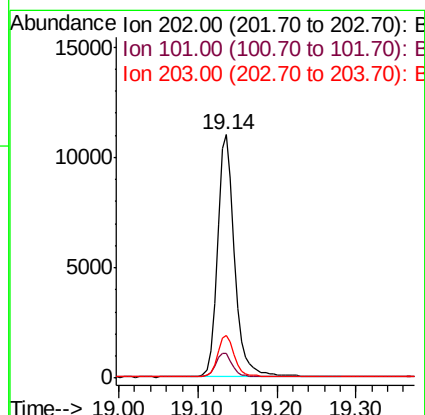
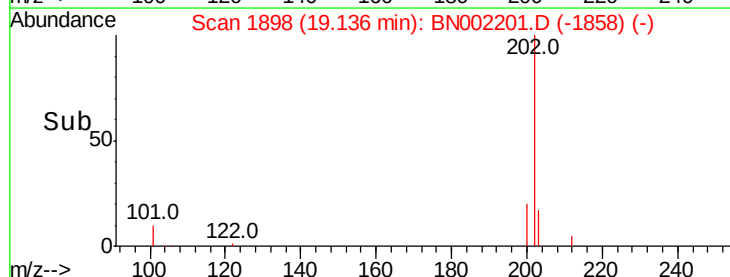
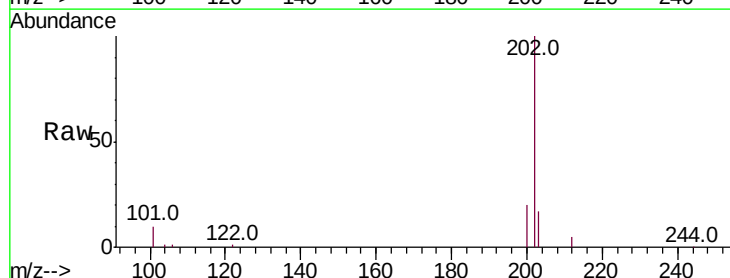
Tgt Ion:202 Resp: 16715

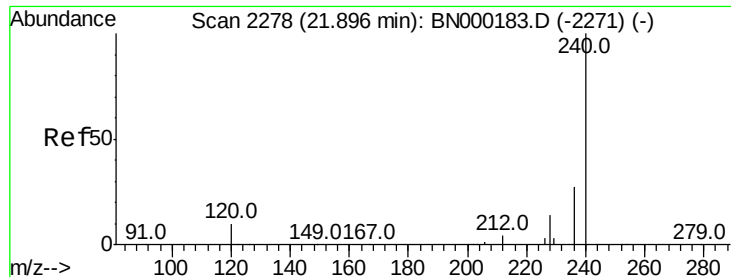
Ion Ratio Lower Upper

202 100

101 10.1 9.8 14.8

203 17.0 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

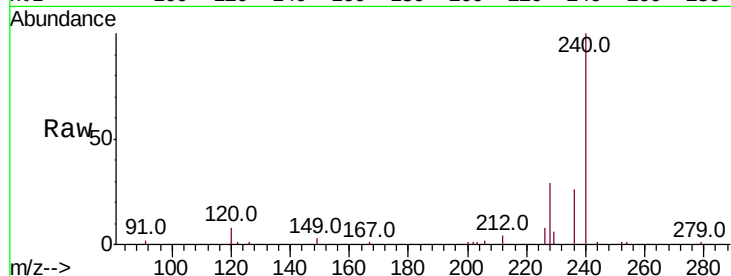
Tot Ion:240 Resp: 13193

Ion Ratio Lower Upper

240 100

120 7.7 5.5 8.3

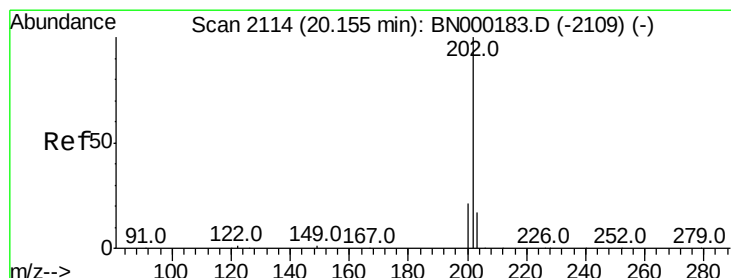
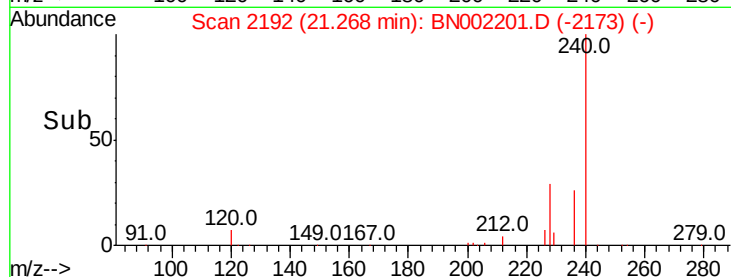
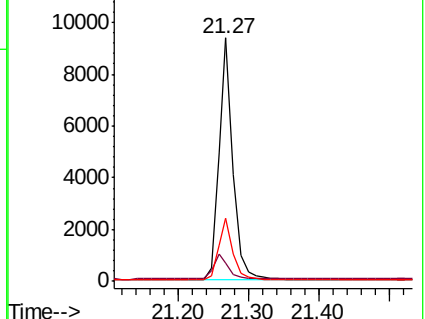
236 26.1 20.7 31.1



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: 0.428 ng

RT: 19.50 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

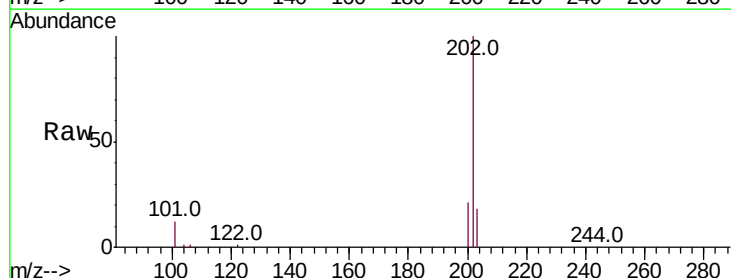
Tgt Ion:202 Resp: 16683

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

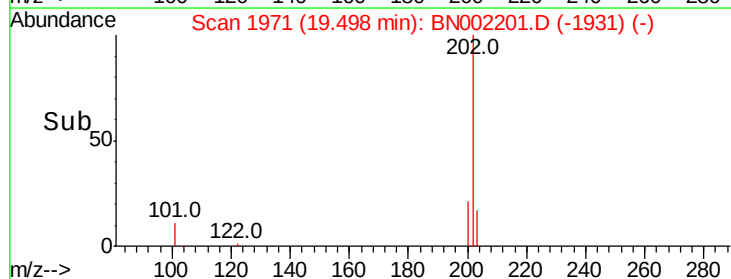
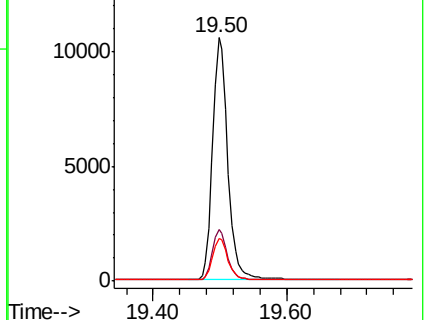
203 17.4 13.8 20.8

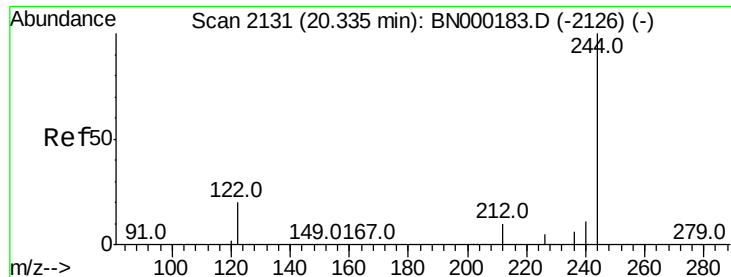


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.416 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

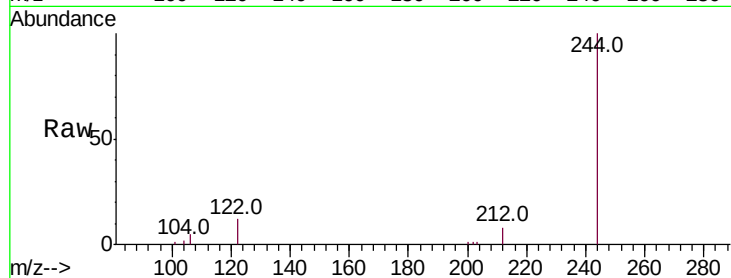
Tot Ion:244 Resp: 11716

Ion Ratio Lower Upper

244 100

212 8.2 25.4 38.0#

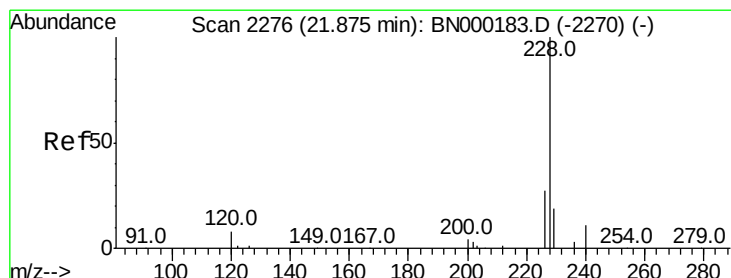
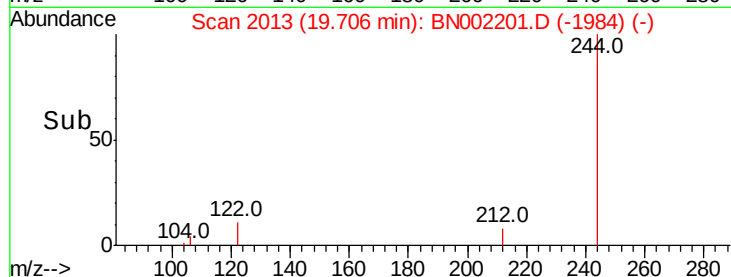
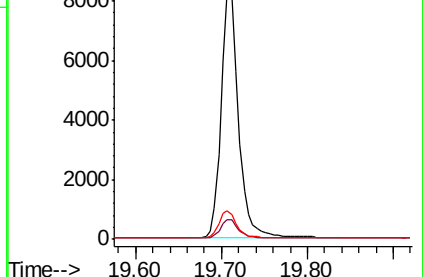
122 11.9 8.1 12.1



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: 0.372 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

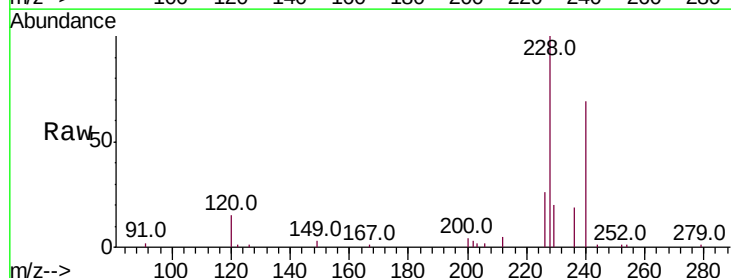
Tgt Ion:228 Resp: 12339

Ion Ratio Lower Upper

228 100

226 26.3 24.0 36.0

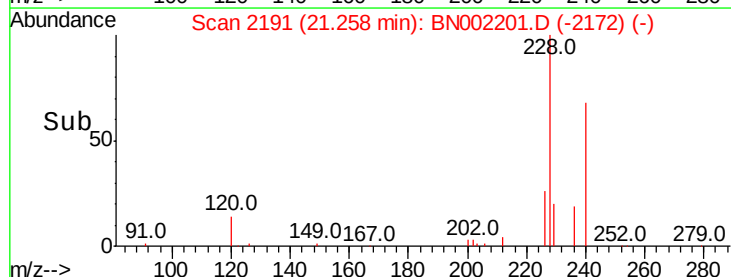
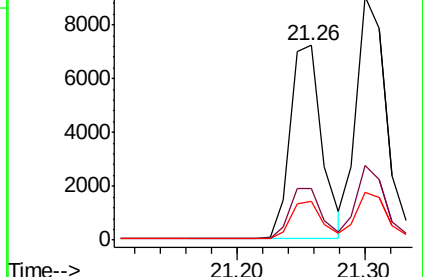
229 20.2 16.0 24.0

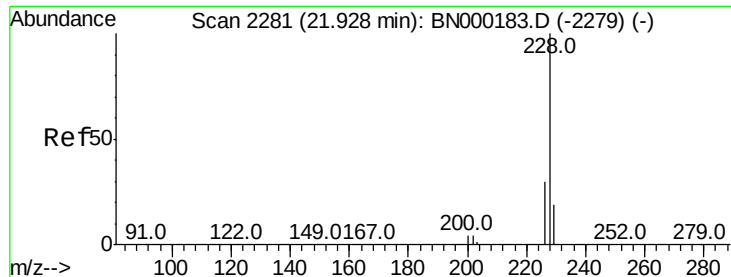


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

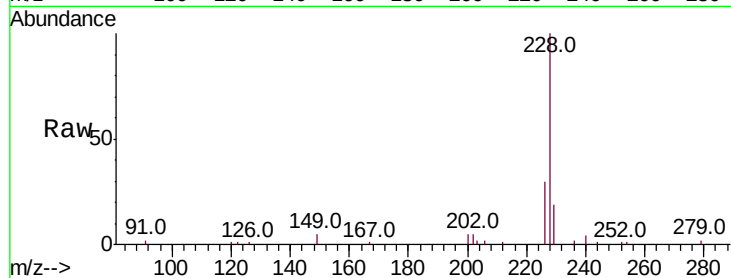
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 14508

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.4	16.0	24.0

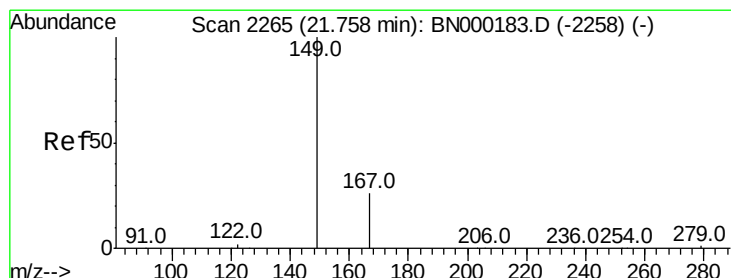
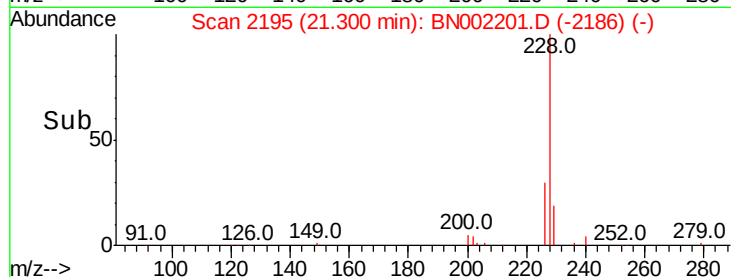
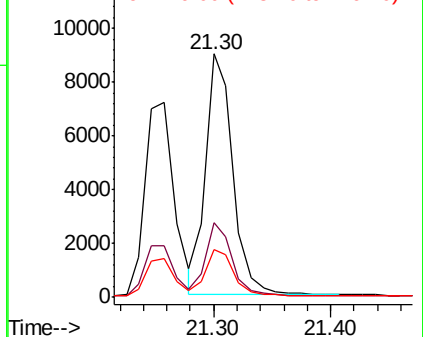


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.343 ng

RT: 21.18 min Scan# 2184

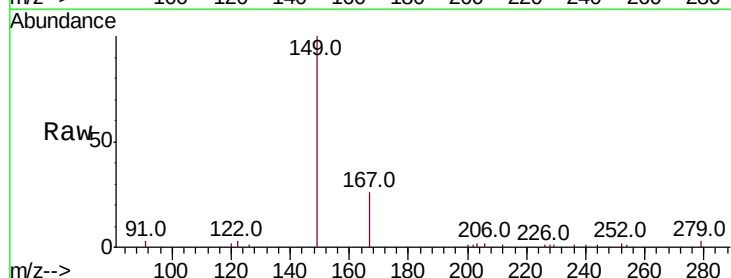
Delta R.T. -0.01 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Tgt Ion:149 Resp: 5198

Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.0	30.0
279	4.7	1.6	2.4

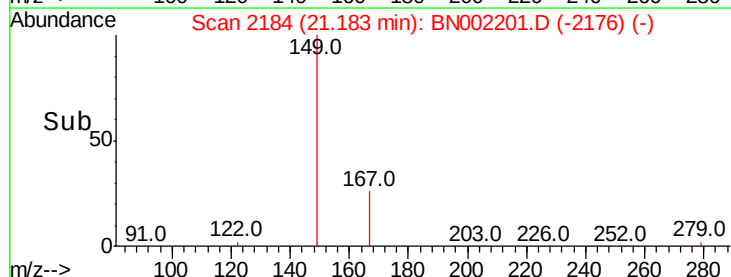
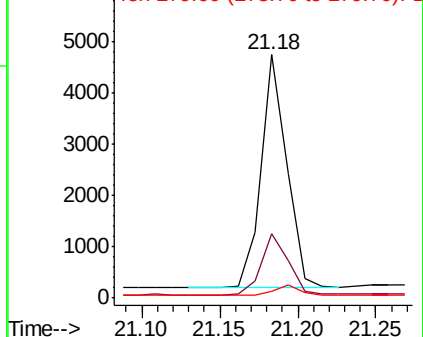


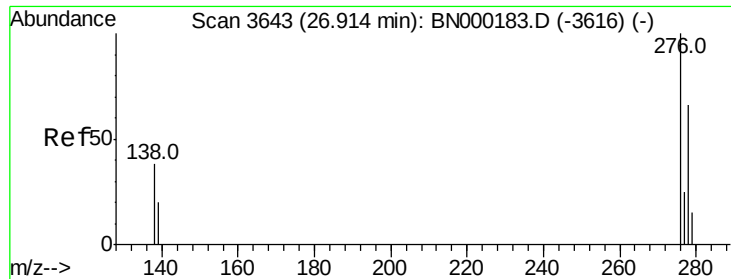
Abundance

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

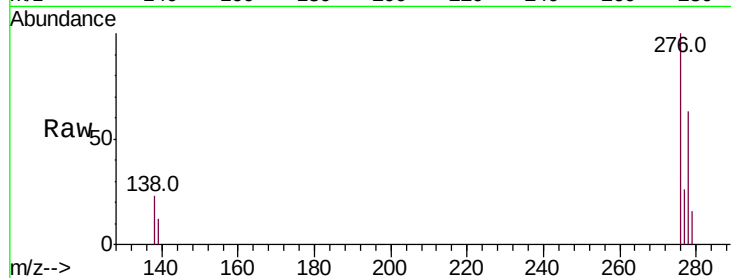




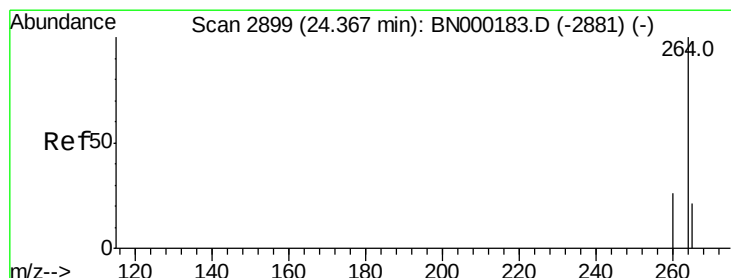
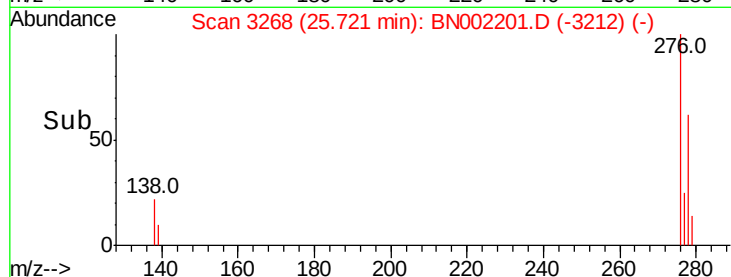
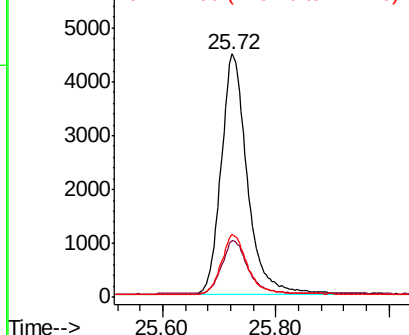
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.410 ng
 RT: 25.72 min Scan# 3268
 Delta R.T. -0.01 min
 Lab File: BN002201.D
 Acq: 31 Jul 2018 08:32

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 14354
 Ion Ratio Lower Upper
 276 100
 138 21.9 22.5 33.7#
 277 25.0 19.9 29.9

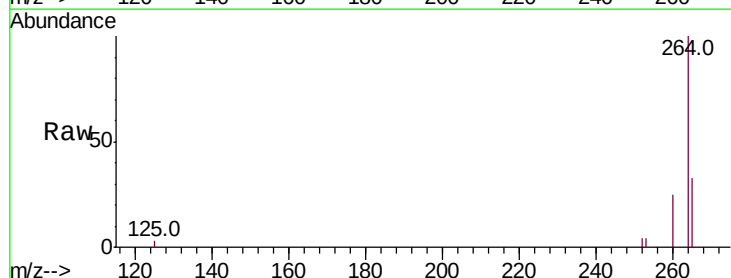


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

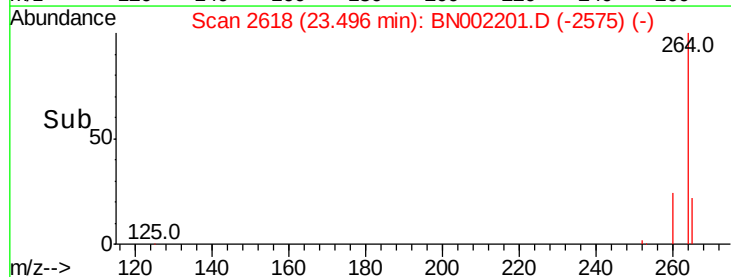
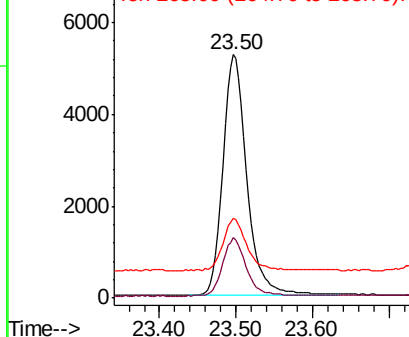


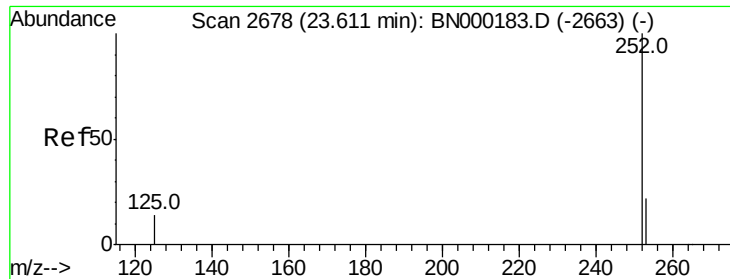
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BN002201.D
 Acq: 31 Jul 2018 08:32

Tgt Ion:264 Resp: 11618
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.5 30.7
 265 32.7 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

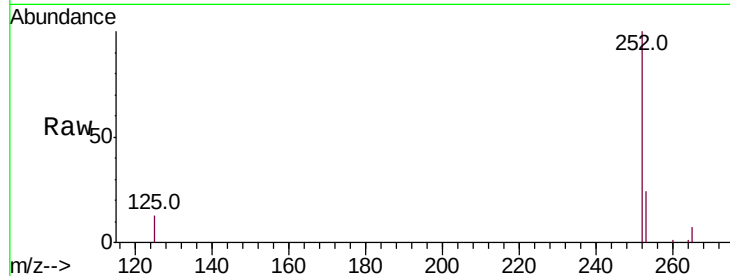




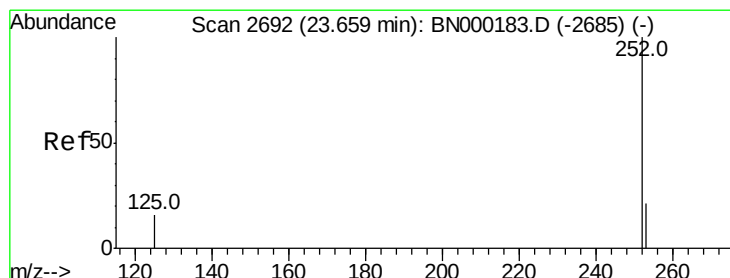
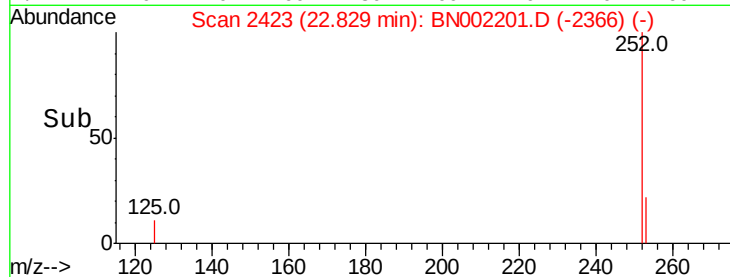
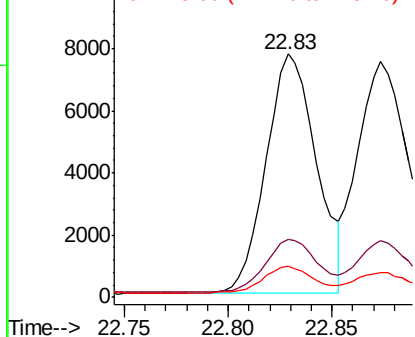
#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 13040
Ion Ratio Lower Upper
252 100
253 24.0 20.0 30.0
125 12.6 16.0 24.0#

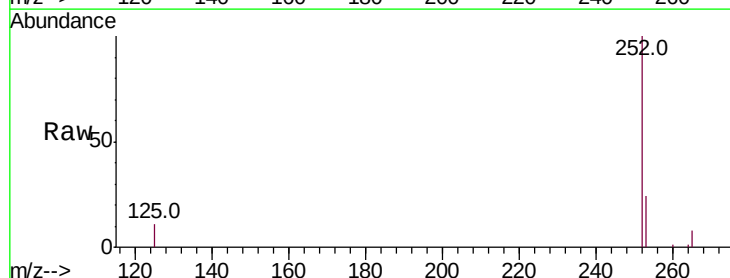


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

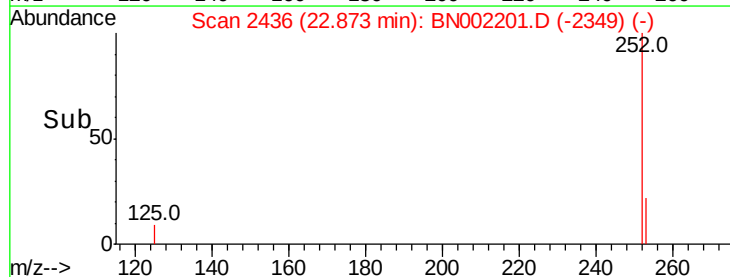
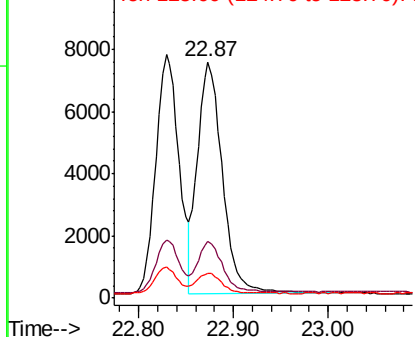


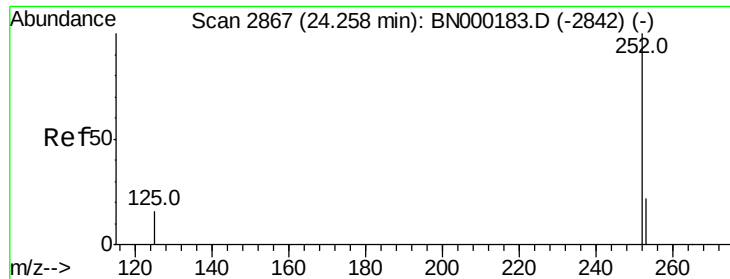
#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 22.87 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:252 Resp: 13544
Ion Ratio Lower Upper
252 100
253 23.9 16.0 24.0
125 10.5 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: 0.393 ng

RT: 23.40 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

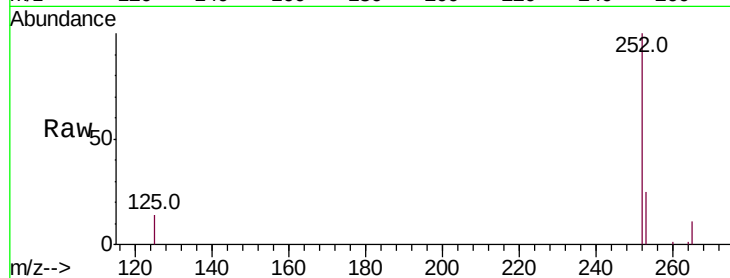
Tot Ion:252 Resp: 12155

Ion Ratio Lower Upper

252 100

253 25.0 16.0 24.0#

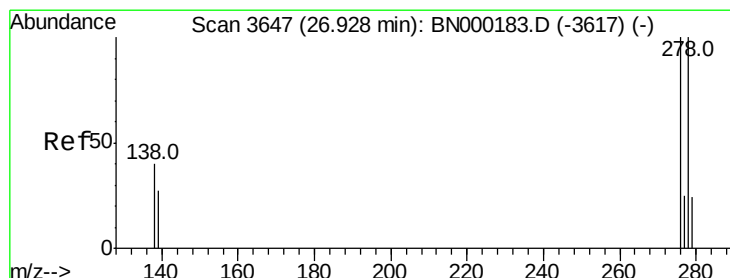
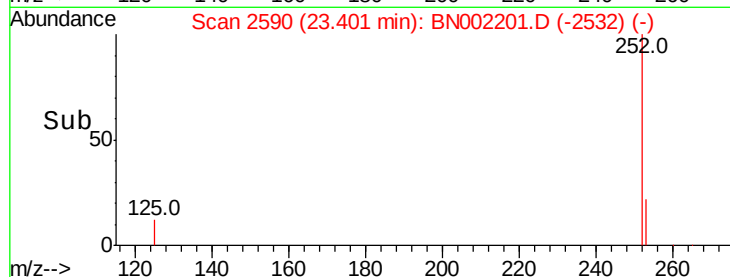
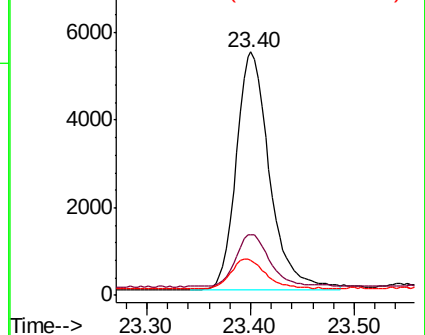
125 14.4 12.0 18.0



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: 0.394 ng

RT: 25.74 min Scan# 3273

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

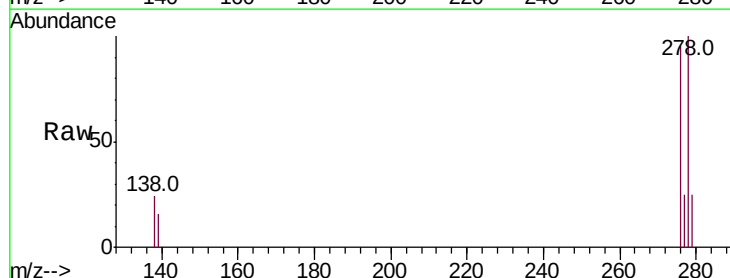
Tgt Ion:278 Resp: 11871

Ion Ratio Lower Upper

278 100

139 16.1 16.0 24.0

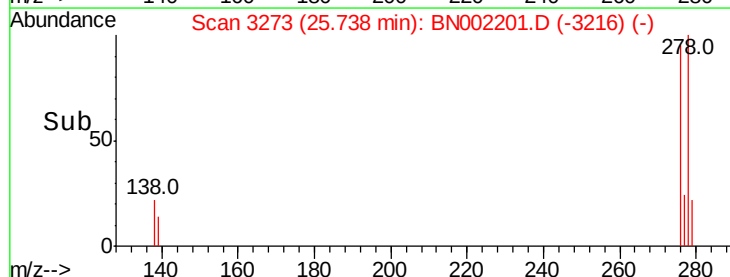
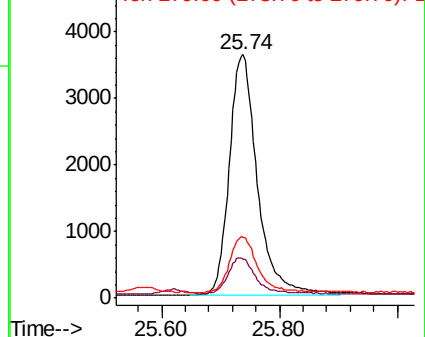
279 25.1 20.0 30.0

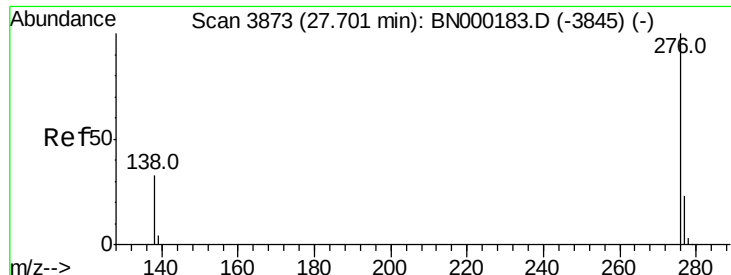


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.396 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BN002201.D

Acq: 31 Jul 2018 08:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

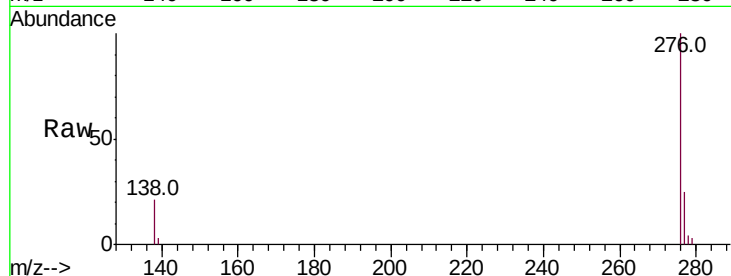
Tot Ion:276 Resp: 12181

Ion Ratio Lower Upper

276 100

277 24.8 16.0 24.0#

138 20.6 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

