

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002190.D
 Acq On : 30 Jul 2018 17:50
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 31 01:11:09 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	3140	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	12962	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	7124	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	14516	0.40	ng	0.00
27) Chrysene-d12	21.27	240	11233	0.40	ng	0.00
34) Perylene-d12	23.50	264	10233	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2748	0.38	ng	0.00
5) Phenol-d6	6.88	99	3323	0.37	ng	0.00
8) Nitrobenzene-d5	8.84	82	3728	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	7352	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1018	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	10769	0.39	ng	0.00
25) Fluoranthene-d10	19.11	212	12452	0.35	ng	0.00
29) Terphenyl-d14	19.71	244	9475	0.39	ng	0.00

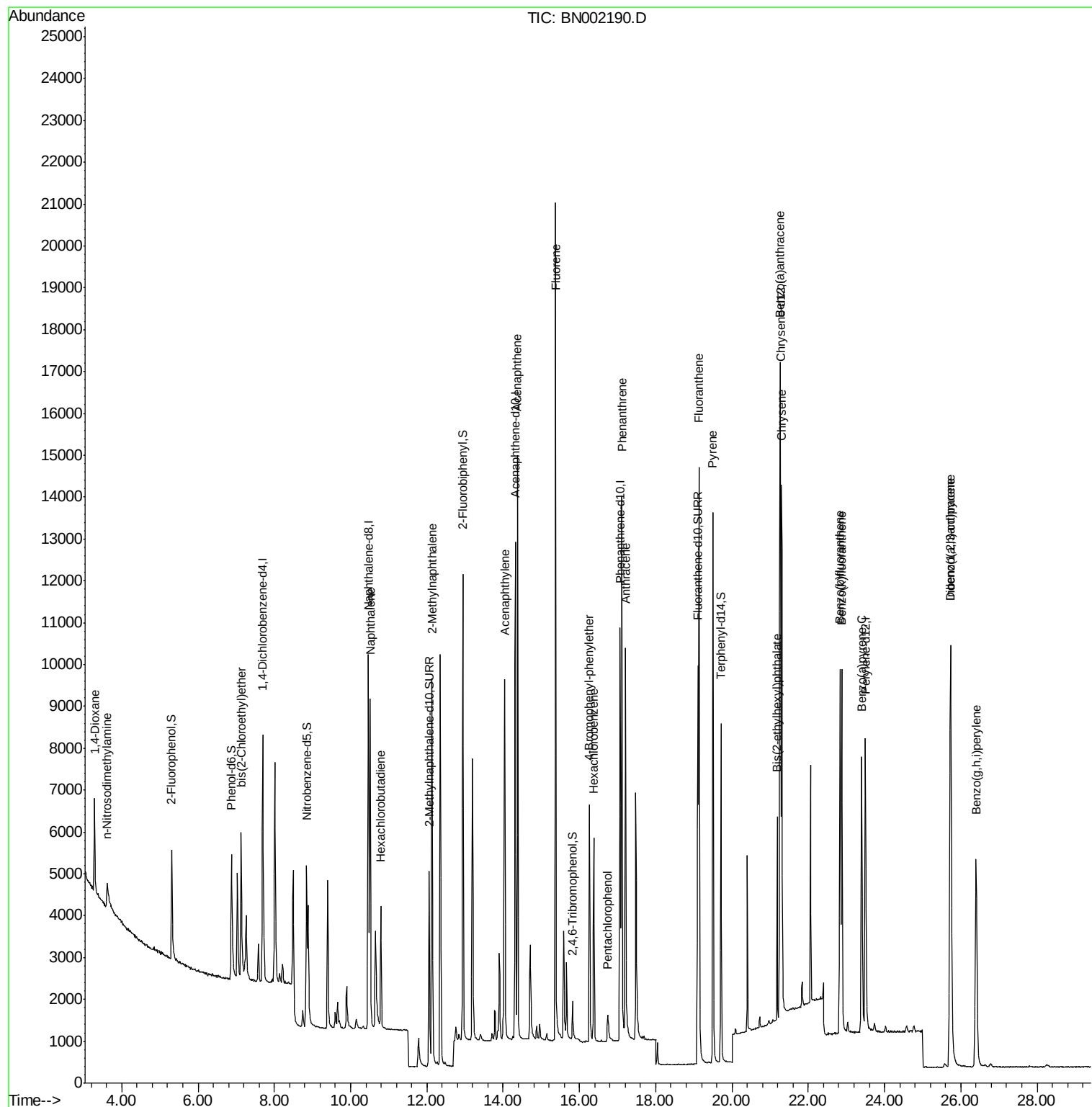
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1366	0.386	ng	95
3) n-Nitrosodimethylamine	3.62	42	776	0.355	ng	# 89
6) bis(2-Chloroethyl)ether	7.13	93	3183	0.372	ng	# 86
9) Naphthalene	10.52	128	11436	0.391	ng	96
10) Hexachlorobutadiene	10.80	225	2463	0.389	ng	# 54
12) 2-Methylnaphthalene	12.13	142	7670	0.388	ng	98
16) Acenaphthylene	14.04	152	11433	0.376	ng	100
17) Acenaphthene	14.38	154	7599	0.388	ng	96
18) Fluorene	15.37	166	9152	0.380	ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	3244	0.395	ng	# 78
21) Hexachlorobenzene	16.38	284	3706	0.408	ng	96
22) Pentachlorophenol	16.74	266	566	0.342	ng	88
23) Phenanthrene	17.11	178	13812	0.382	ng	99
24) Anthracene	17.21	178	10843	0.363	ng	96
26) Fluoranthene	19.14	202	13550	0.345	ng	97
28) Pyrene	19.50	202	13611	0.410	ng	100
30) Benzo(a)anthracene	21.26	228	10436	0.369	ng	95
31) Chrysene	21.30	228	12293	0.389	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	4337	0.336	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.72	276	12975	0.435	ng	# 93
35) Benzo(b)fluoranthene	22.83	252	11053	0.367	ng	# 91
36) Benzo(k)fluoranthene	22.88	252	12026	0.385	ng	# 93
37) Benzo(a)pyrene	23.40	252	10599	0.389	ng	# 93
38) Dibenzo(a,h)anthracene	25.74	278	10726	0.404	ng	97
39) Benzo(g,h,i)perylene	26.40	276	11078	0.409	ng	# 91

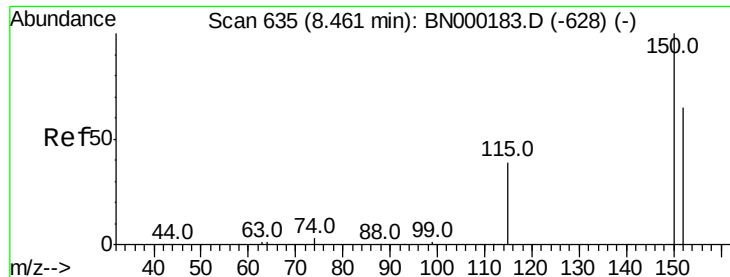
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 30 16:17:29 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

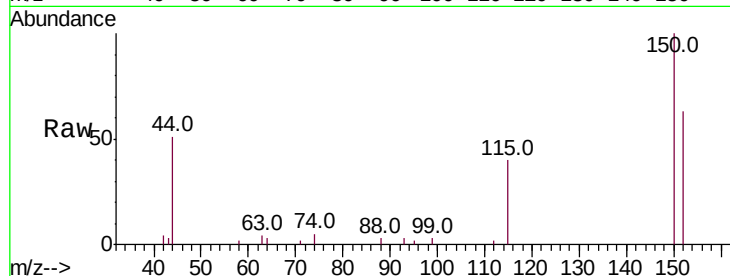
Tot Ion:152 Resp: 3140

Ion Ratio Lower Upper

152 100

150 158.6 117.2 175.8

115 63.3 57.0 85.6

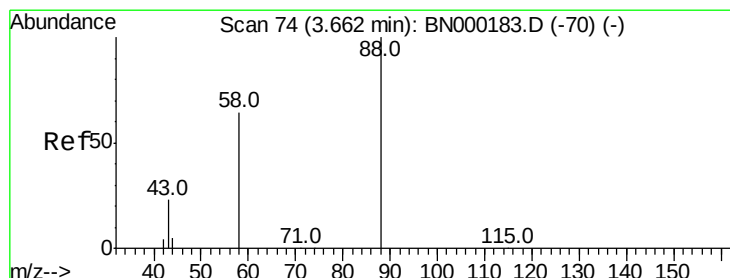
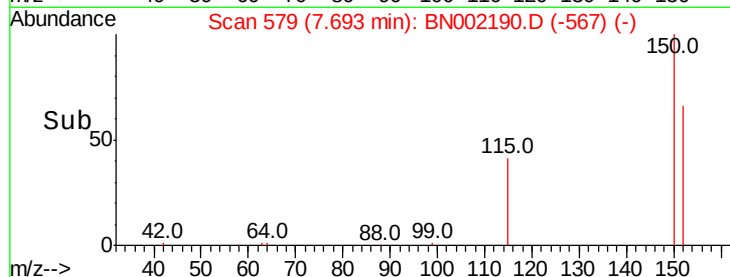
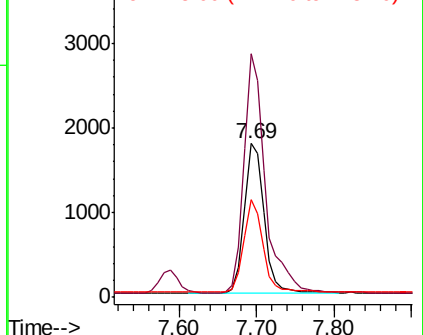


Abundance

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: 0.386 ng

RT: 3.29 min Scan# 32

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

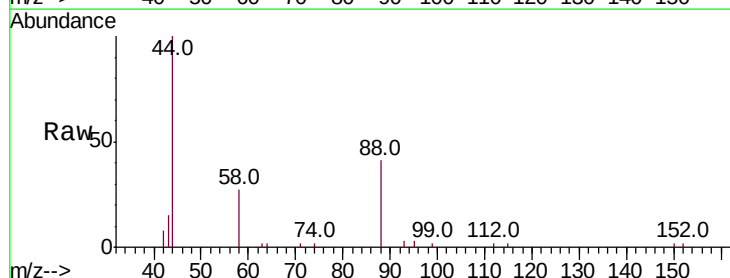
Tgt Ion: 88 Resp: 1366

Ion Ratio Lower Upper

88 100

58 84.8 72.0 108.0

43 37.0 28.0 42.0

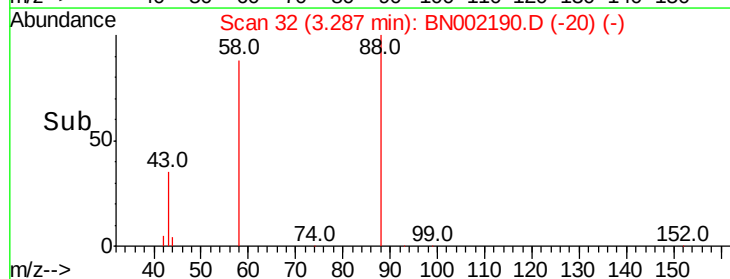
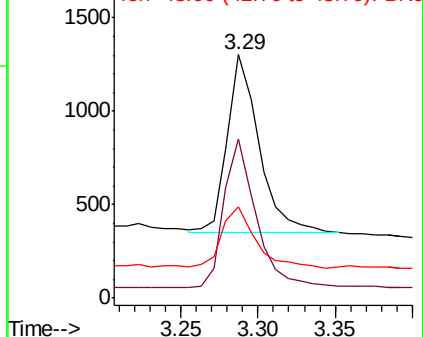


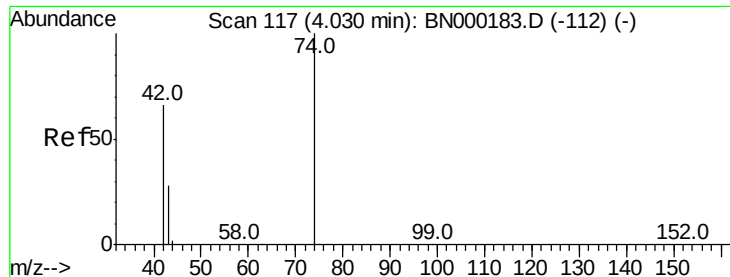
Abundance

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: 0.355 ng

RT: 3.62 min Scan# 73

Delta R.T. 0.01 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

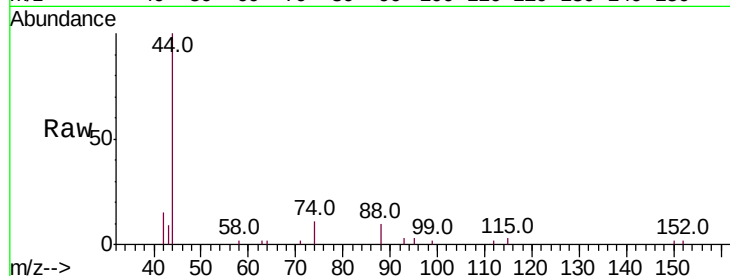
Tot Ion: 42 Resp: 776

Ion Ratio Lower Upper

42 100

74 104.9 88.0 132.0

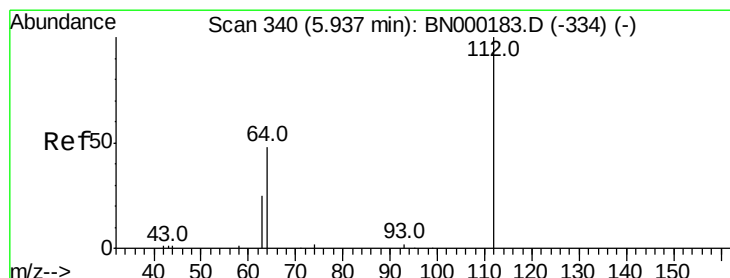
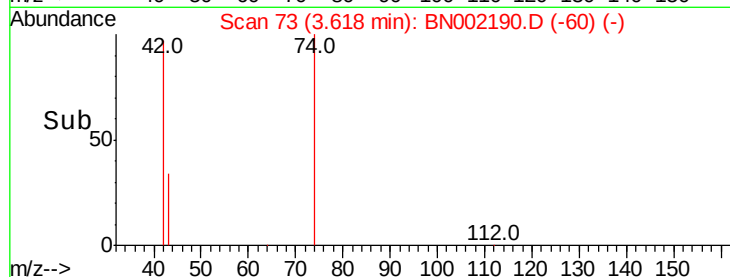
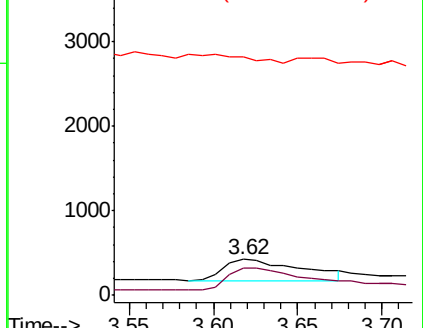
44 0.0 16.0 24.0#



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: 0.375 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.01 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

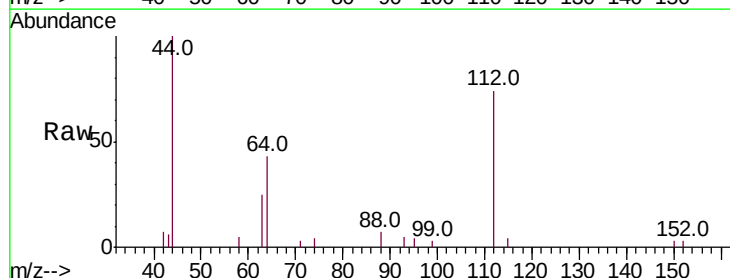
Tgt Ion: 112 Resp: 2748

Ion Ratio Lower Upper

112 100

64 65.5 60.1 90.1

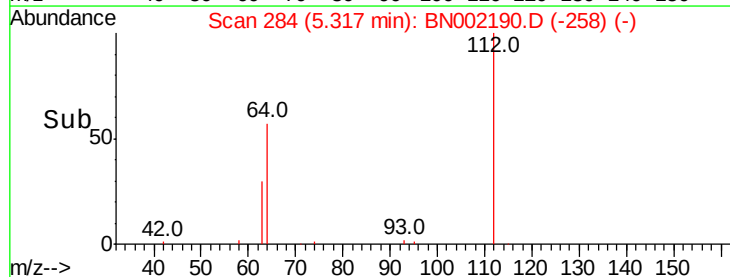
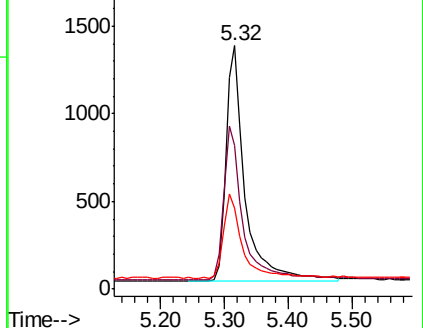
63 35.2 116.8 175.2#

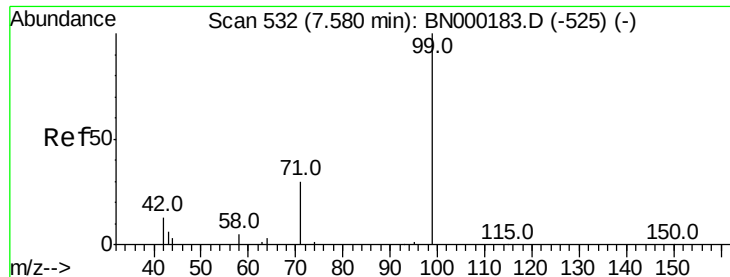


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.373 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

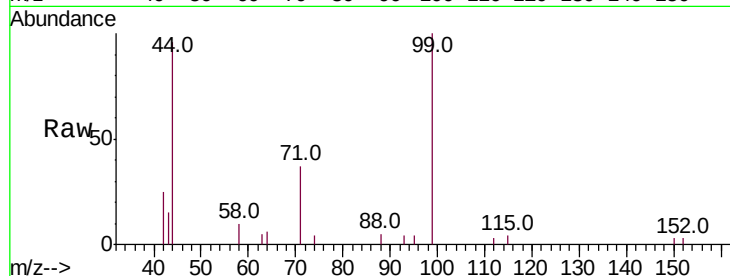
Tot Ion: 99 Resp: 3323

Ion Ratio Lower Upper

99 100

42 23.0 20.2 30.2

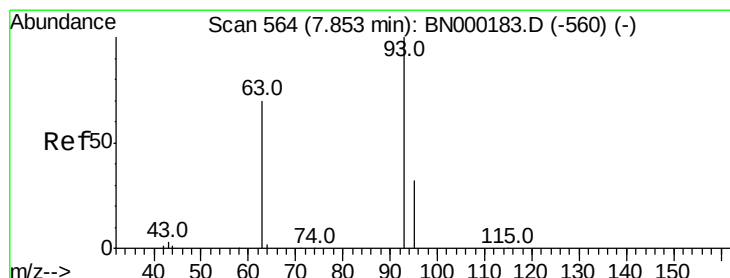
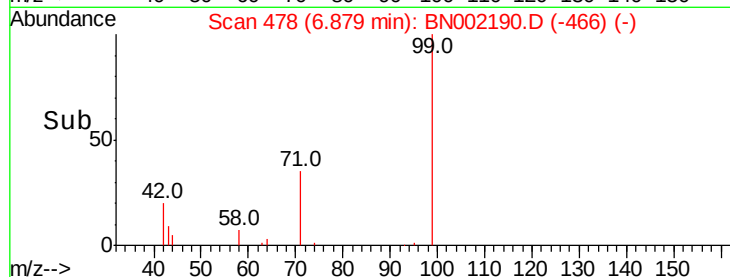
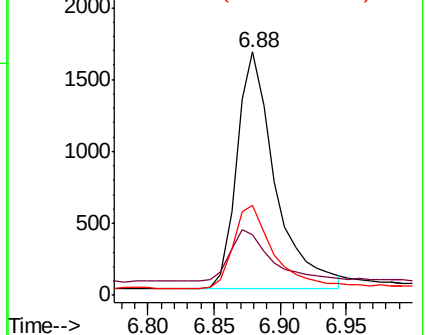
71 36.0 28.4 42.6



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: 0.372 ng

RT: 7.13 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

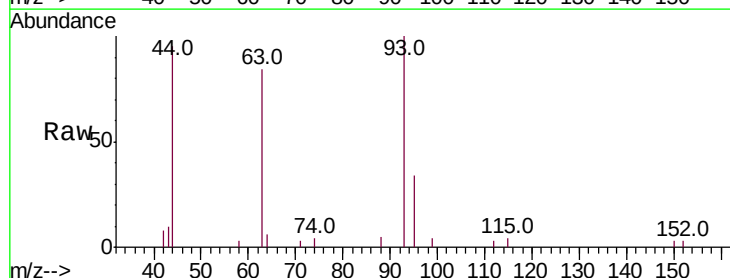
Tgt Ion: 93 Resp: 3183

Ion Ratio Lower Upper

93 100

63 84.0 56.0 84.0#

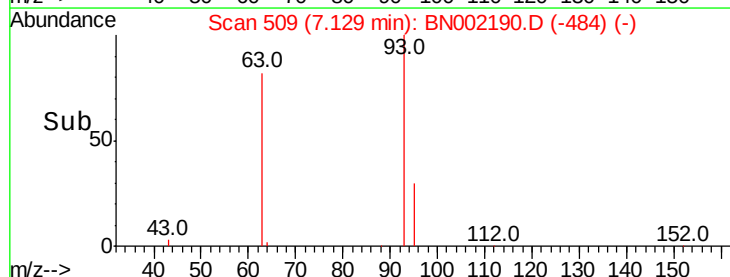
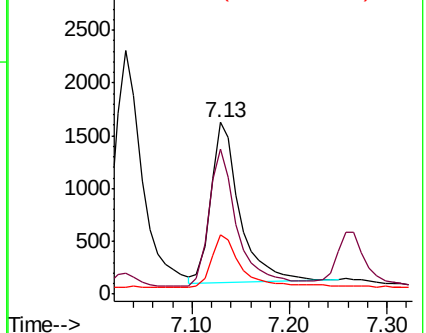
95 35.1 25.2 37.8

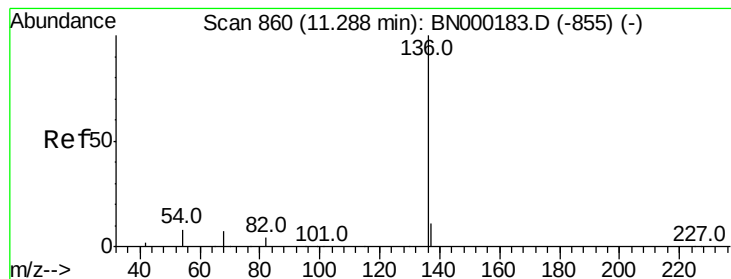


Abundance Ion 93.00 (92.70 to 93.70): BNC

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: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 12962

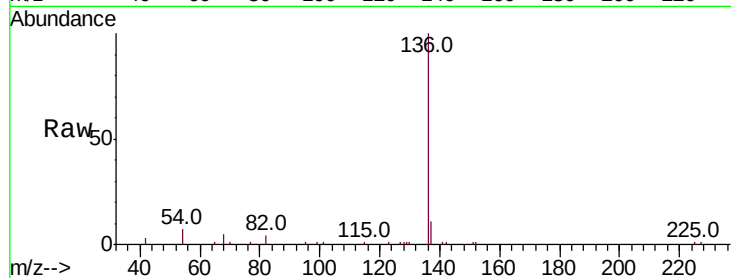
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 7.5 29.1 43.7#

68 5.1 6.2 9.2#

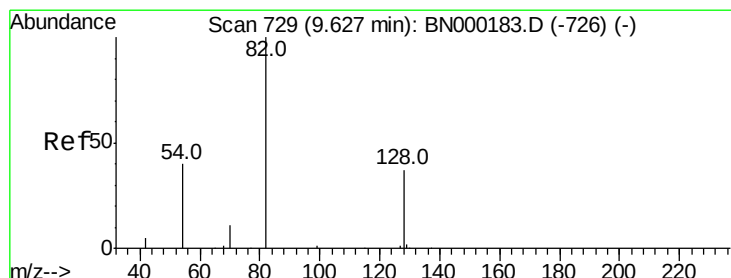
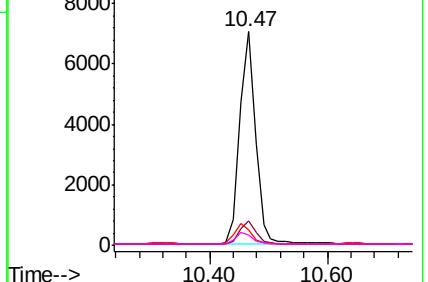
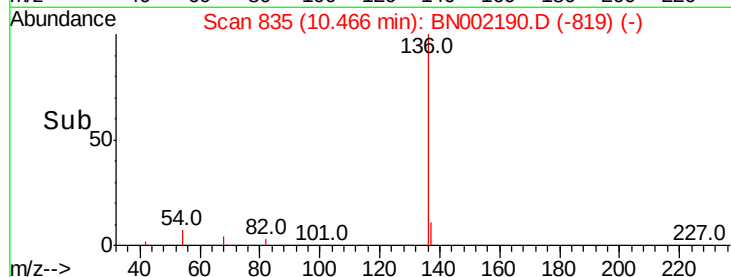


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.382 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

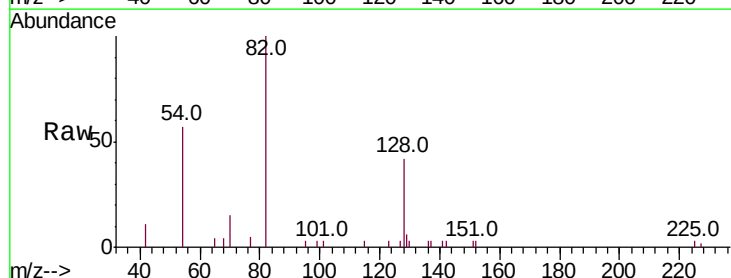
Tgt Ion: 82 Resp: 3728

Ion Ratio Lower Upper

82 100

128 41.6 150.0 225.0#

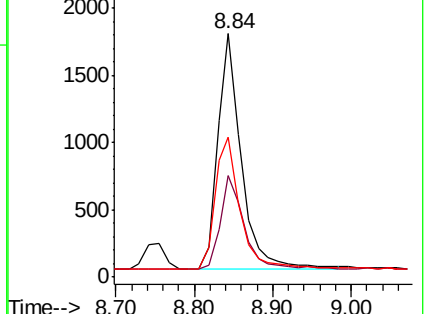
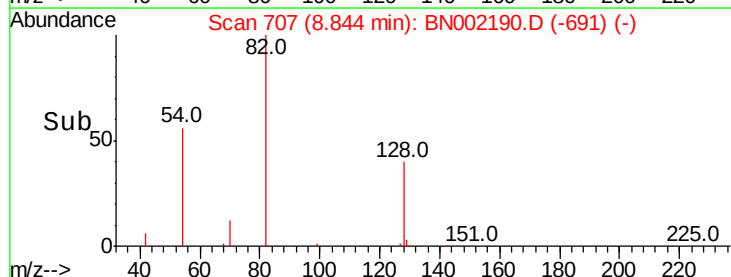
54 57.5 154.2 231.4#

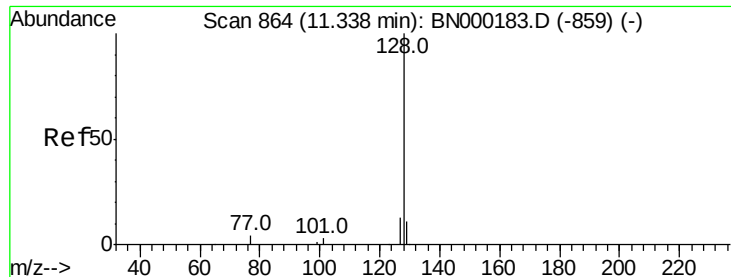


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.391 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

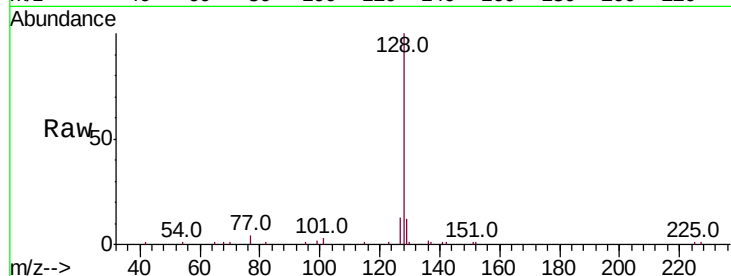
Tot Ion:128 Resp: 11436

Ion Ratio Lower Upper

128 100

129 12.0 8.0 12.0

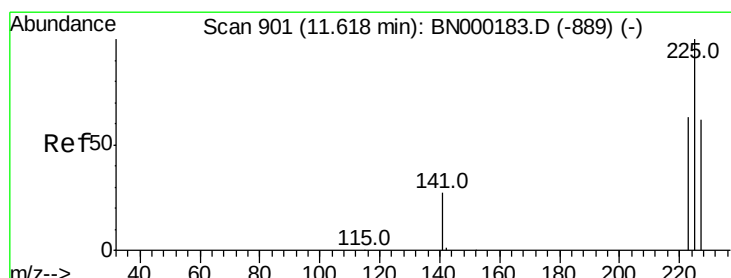
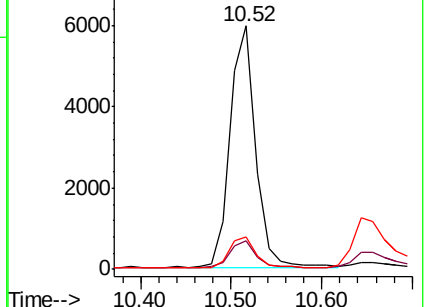
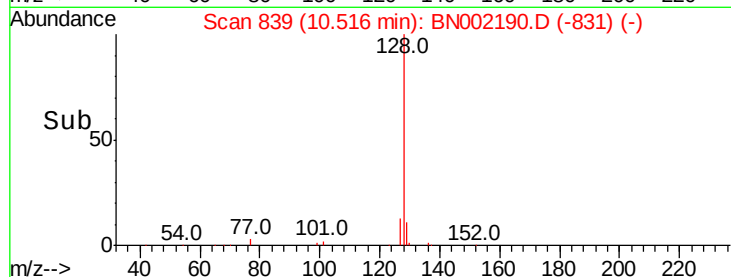
127 13.4 9.6 14.4



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: 0.389 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

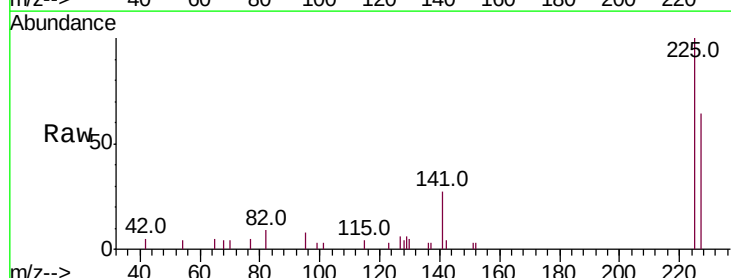
Tgt Ion:225 Resp: 2463

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

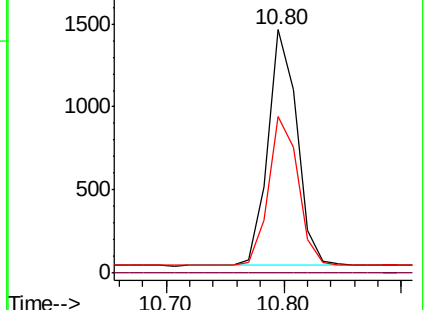
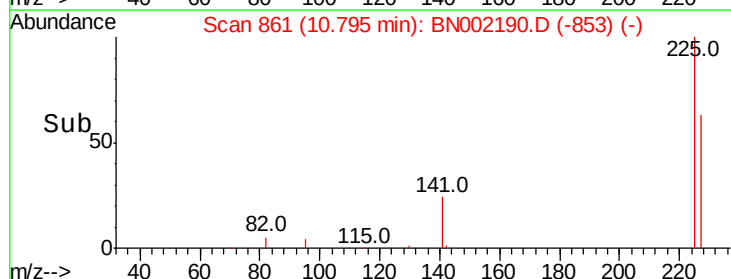
227 64.5 48.0 72.0

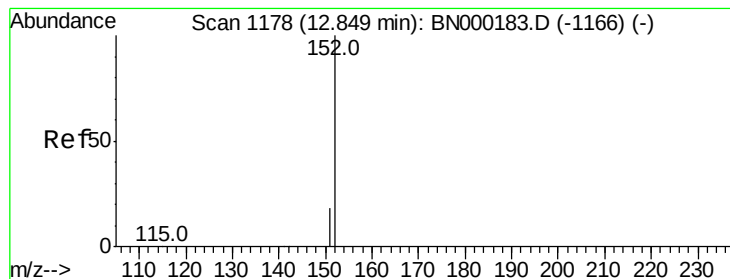


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 12.06 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

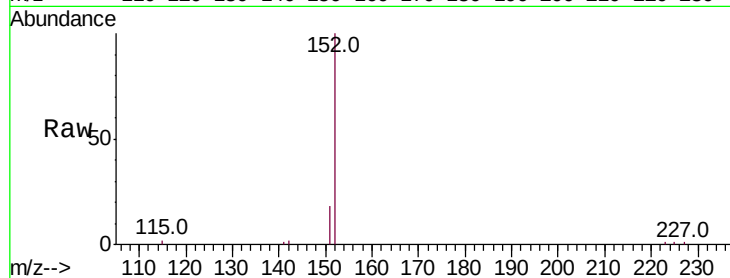
SSTDCCC0.4

Tot Ion:152 Resp: 7352

Ion Ratio Lower Upper

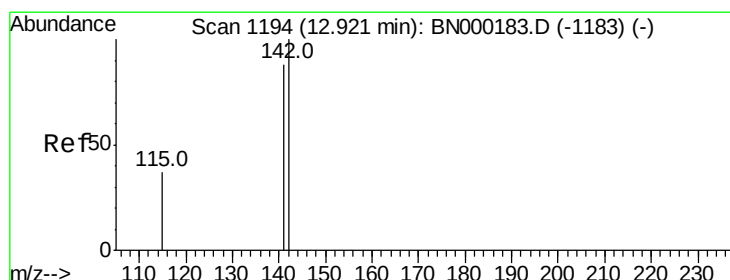
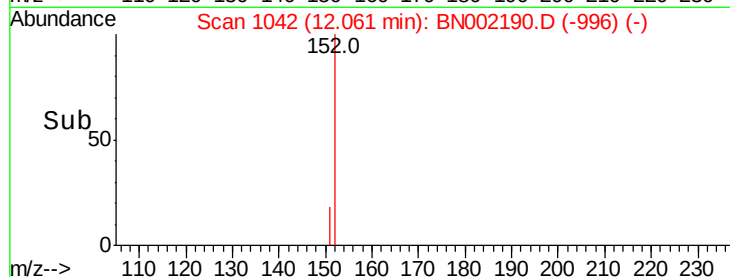
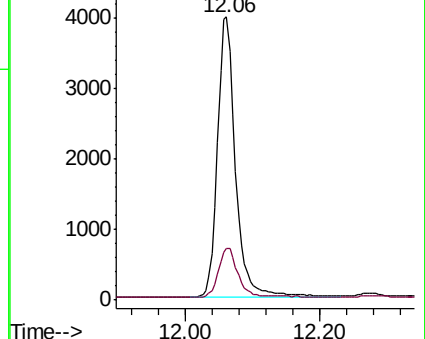
152 100

151 18.8 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: 0.388 ng

RT: 12.13 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

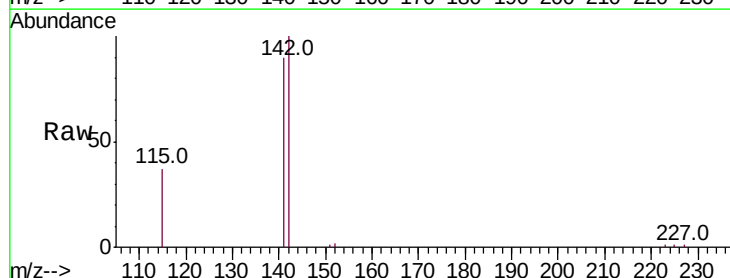
Tgt Ion:142 Resp: 7670

Ion Ratio Lower Upper

142 100

141 89.8 70.4 105.6

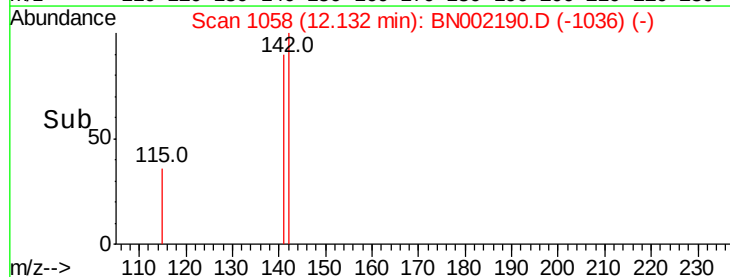
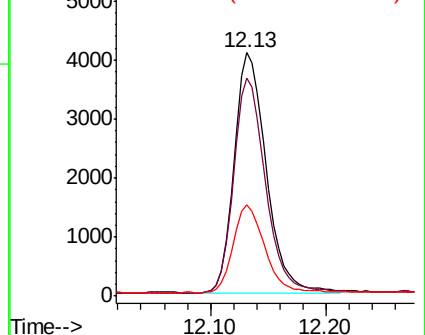
115 37.3 31.7 47.5

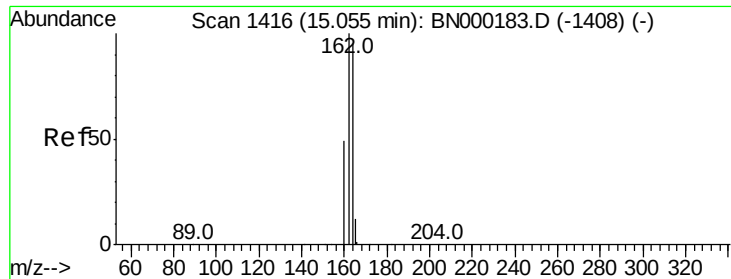


Abundance Ion 142.00 (141.70 to 142.70): E

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

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Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

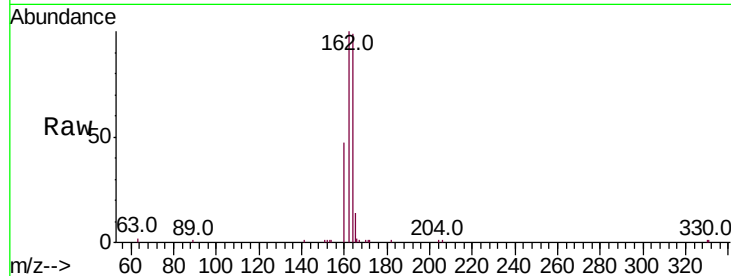
Tot Ion:164 Resp: 7124

Ion Ratio Lower Upper

164 100

162 100.7 83.1 124.7

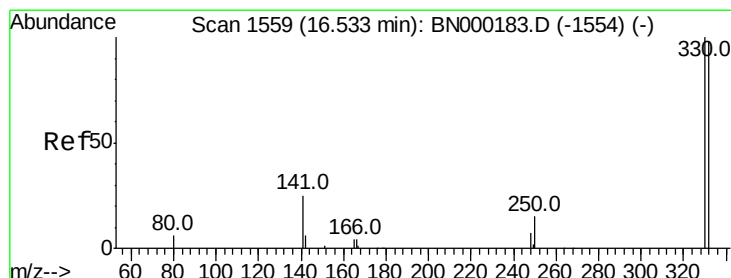
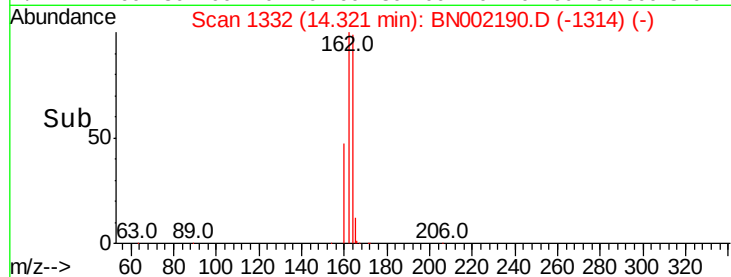
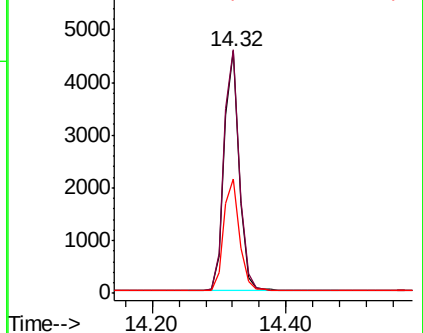
160 47.5 37.1 55.7



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: BN002190.D

Acq: 30 Jul 2018 17:50

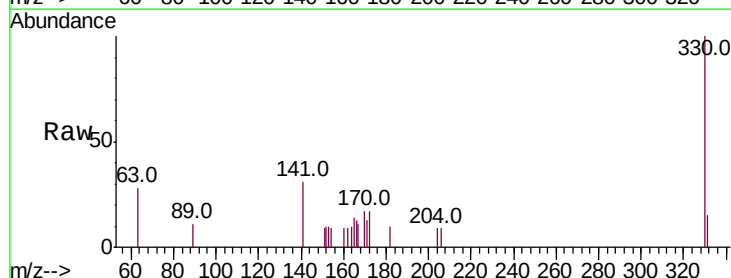
Tgt Ion:330 Resp: 1018

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

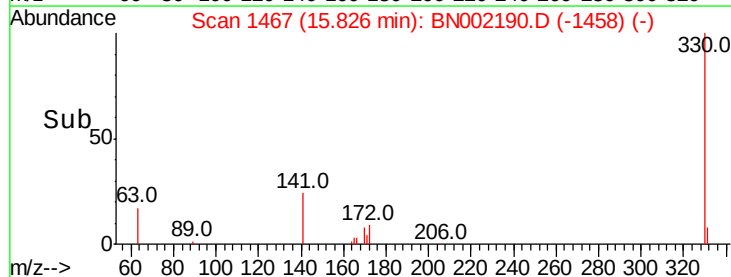
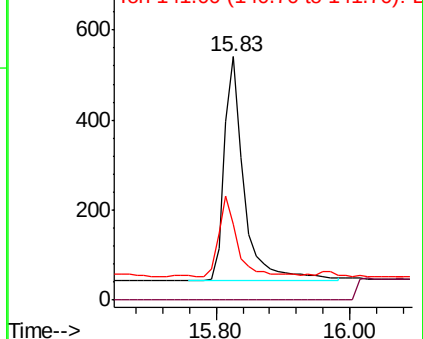
141 33.4 33.7 50.5#

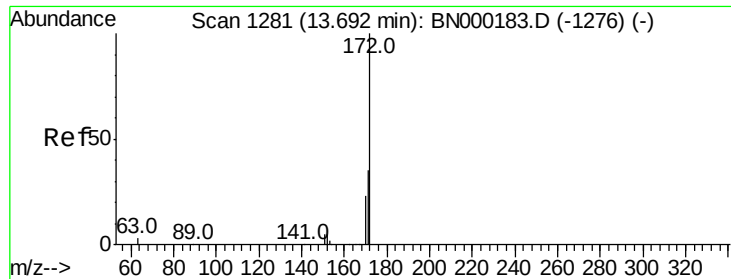


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

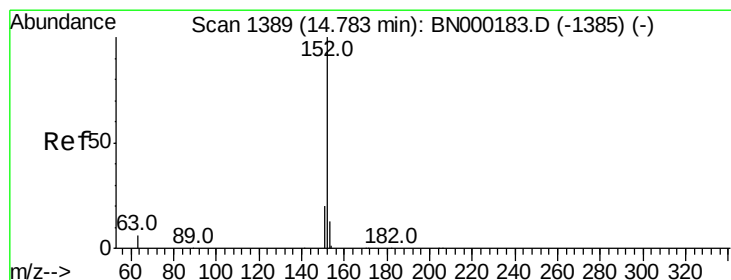
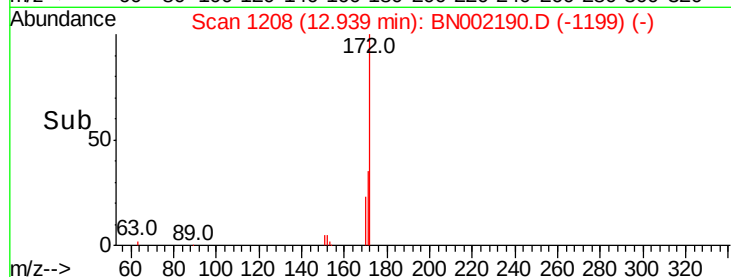
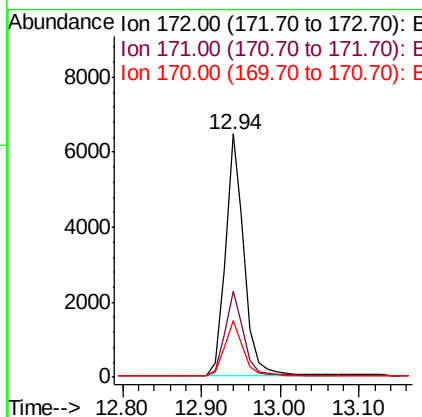
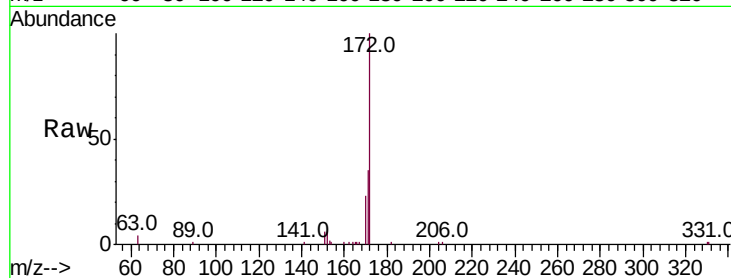




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

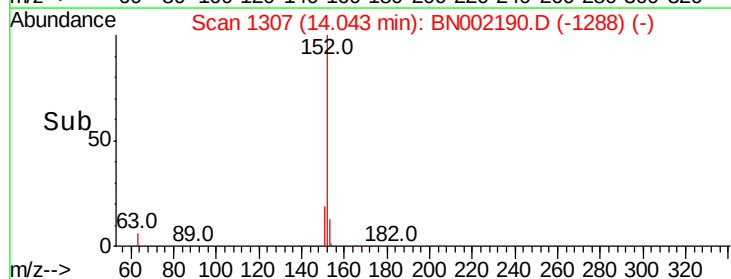
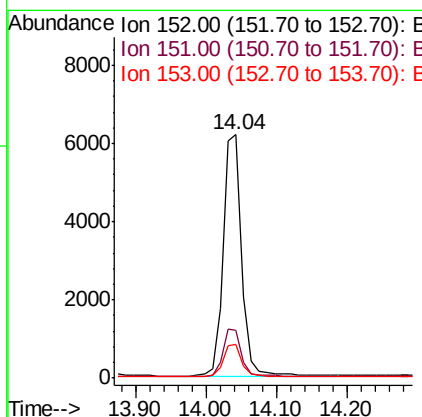
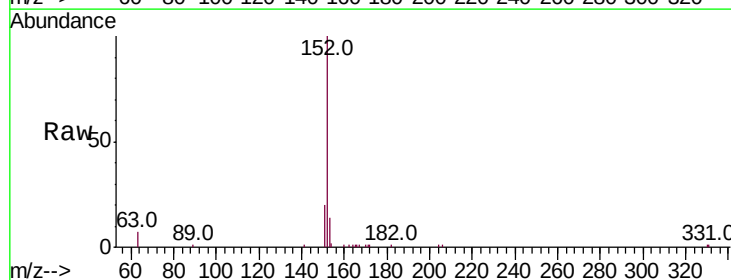
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

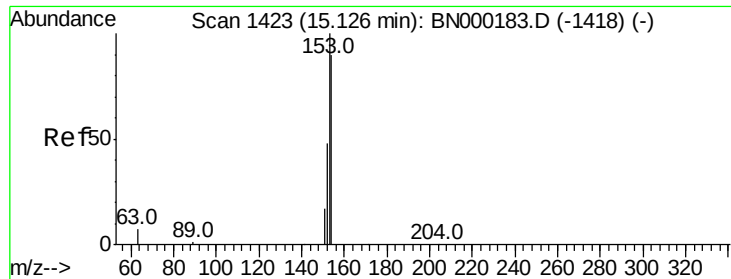
Tot Ion:172 Resp: 10769
Ion Ratio Lower Upper
172 100
171 35.2 29.9 44.9
170 23.3 21.8 32.8



#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:152 Resp: 11433
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.388 ng

RT: 14.38 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

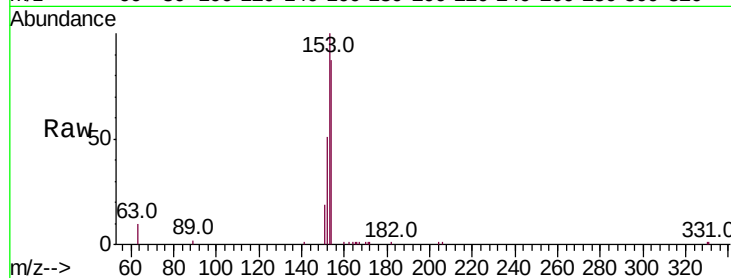
Tot Ion:154 Resp: 7599

Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

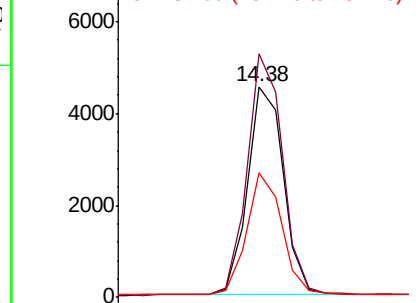
152 57.1 42.0 63.0



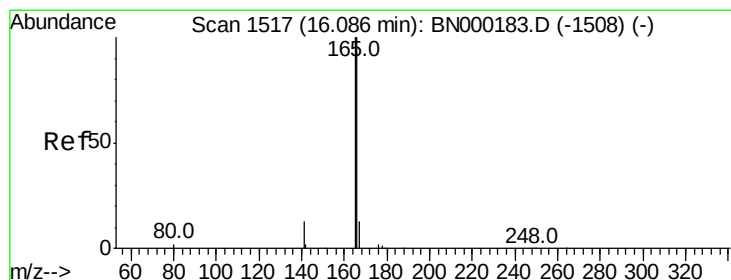
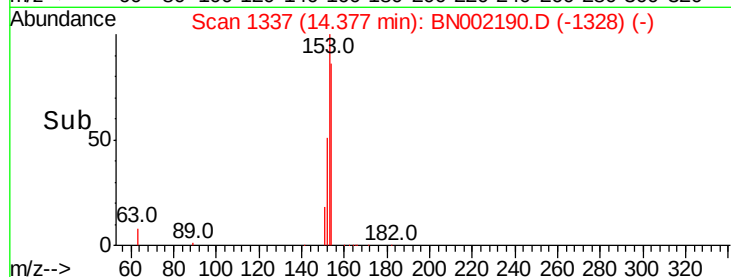
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.380 ng

RT: 15.37 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

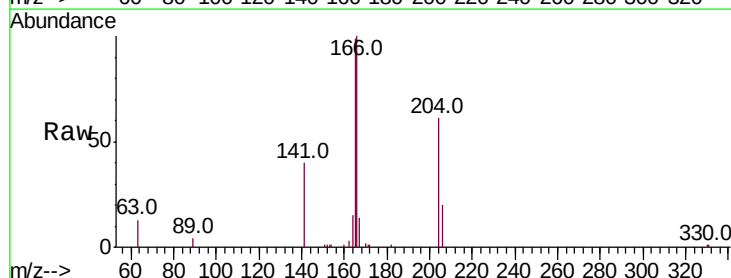
Tgt Ion:166 Resp: 9152

Ion Ratio Lower Upper

166 100

165 96.8 77.8 116.6

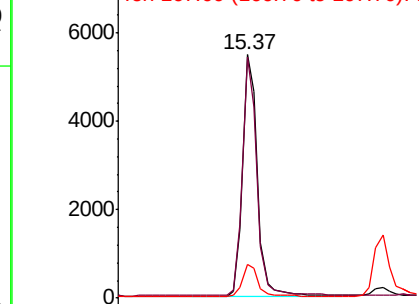
167 13.4 42.4 63.6#



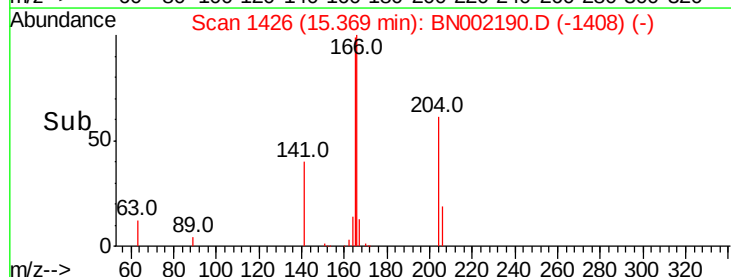
Abundance Ion 166.00 (165.70 to 166.70): E

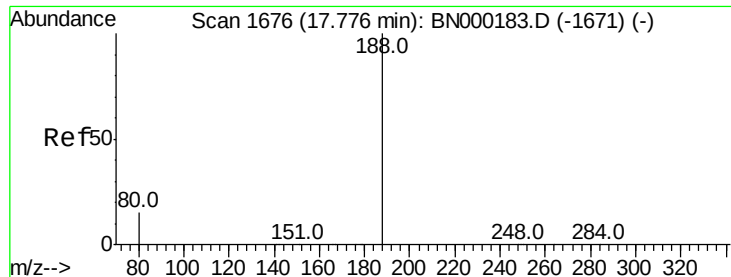
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

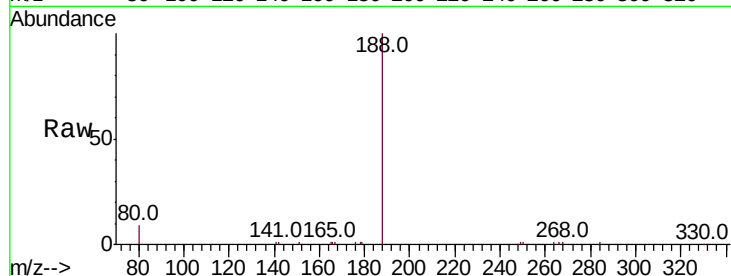
Tot Ion:188 Resp: 14516

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

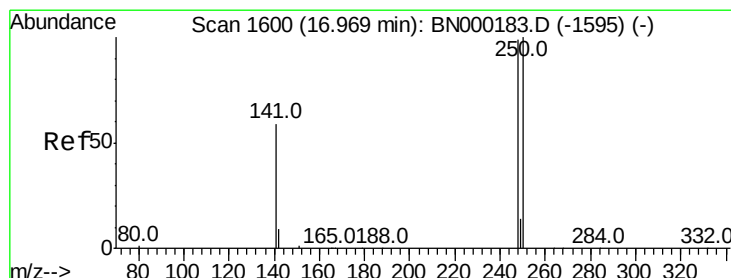
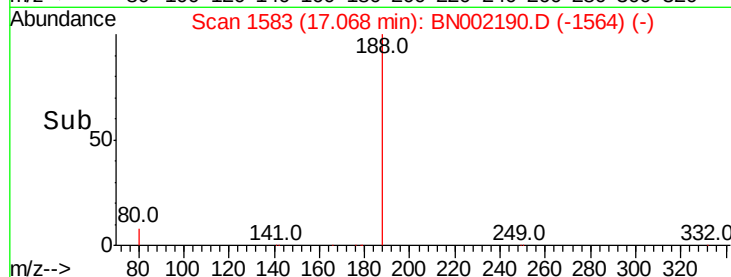
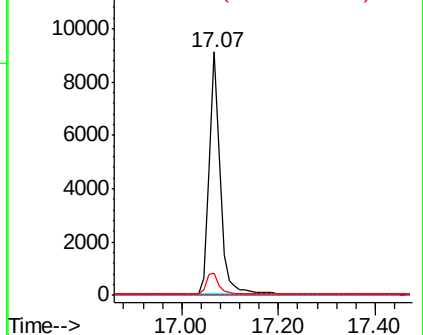
80 8.9 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.395 ng

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

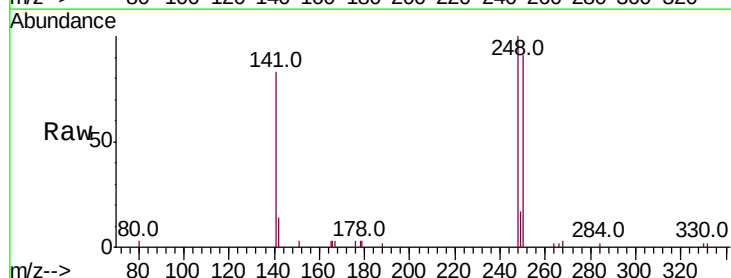
Tgt Ion:248 Resp: 3244

Ion Ratio Lower Upper

248 100

250 91.3 62.7 94.1

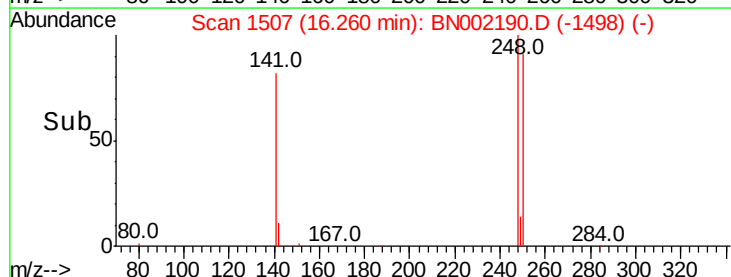
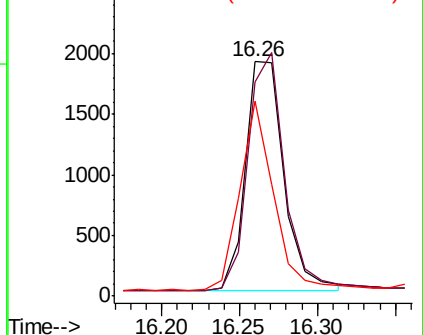
141 83.1 48.2 72.2#

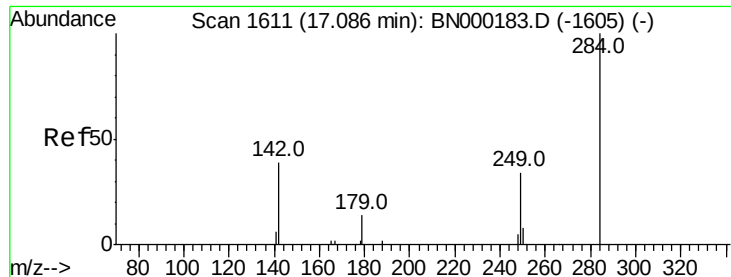


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

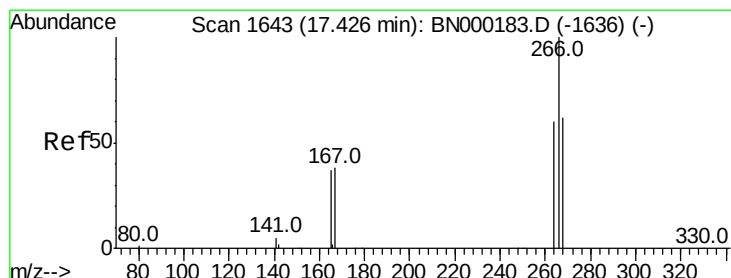
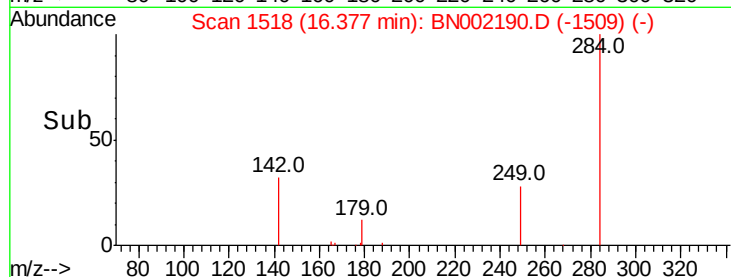
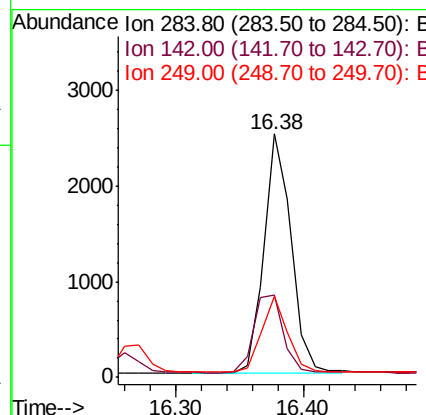
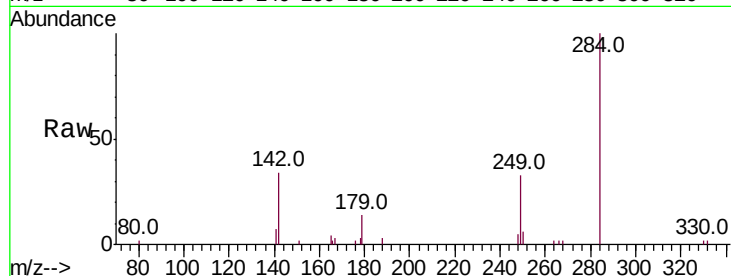




#21
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

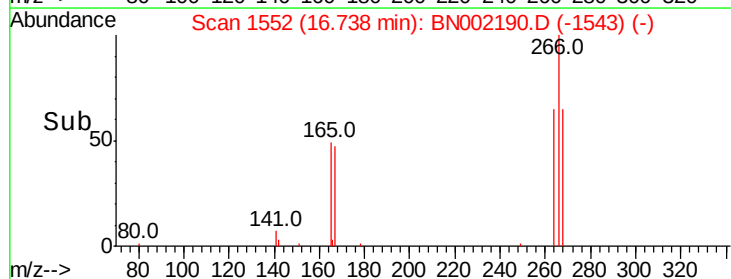
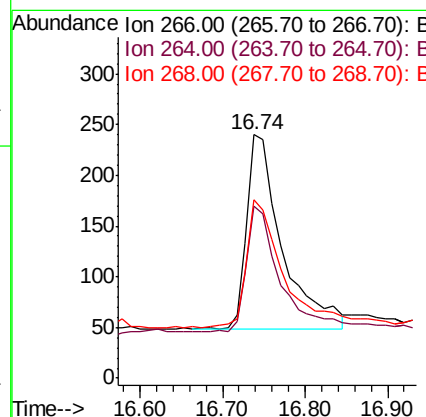
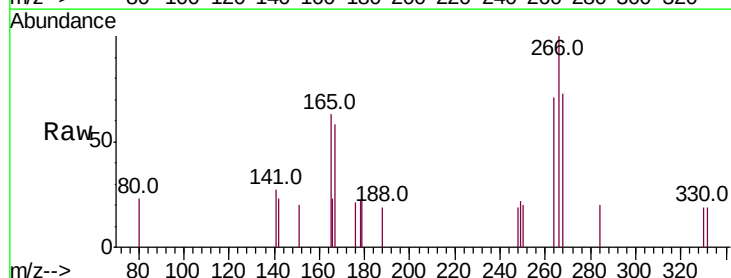
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

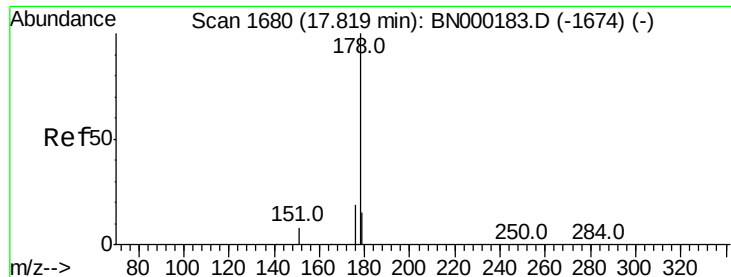
Tot Ion:284	Resp: 3706
Ion Ratio	Lower Upper
284 100	
142 35.8	32.0 48.0
249 30.3	24.0 36.0



#22
Pentachlorophenol
Concen: 0.342 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt	Ion:266	Resp:	566
Ion	Ratio	Lower	Upper
266	100		
264	70.8	48.0	72.0
268	73.3	52.0	78.0





#23

Phenanthrene

Concen: 0.382 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

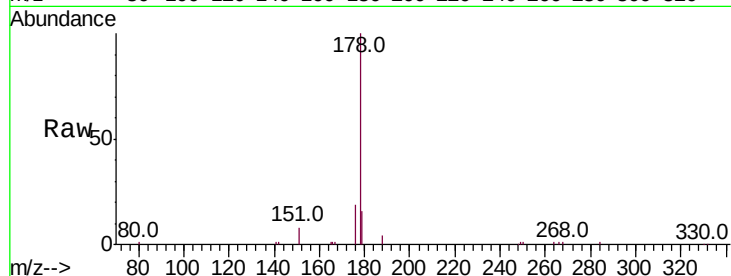
Tot Ion:178 Resp: 13812

Ion Ratio Lower Upper

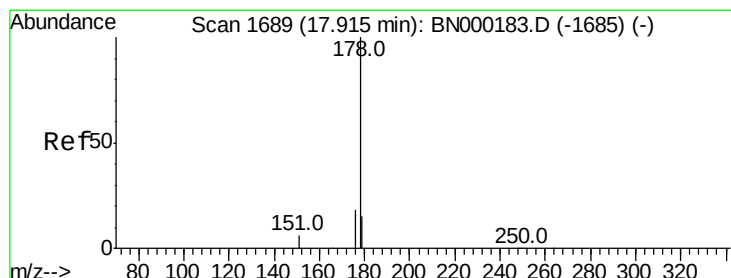
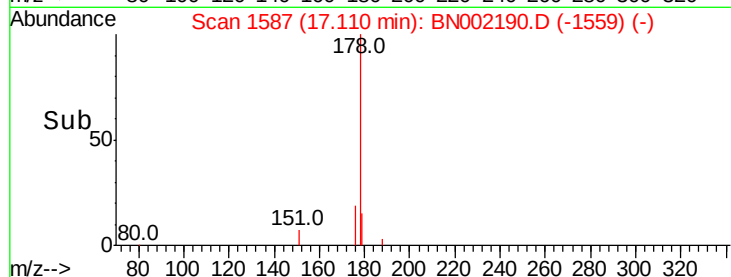
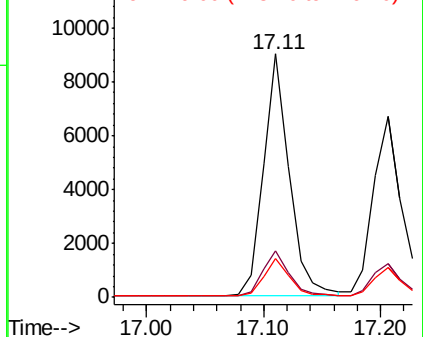
178 100

176 18.9 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: 0.363 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

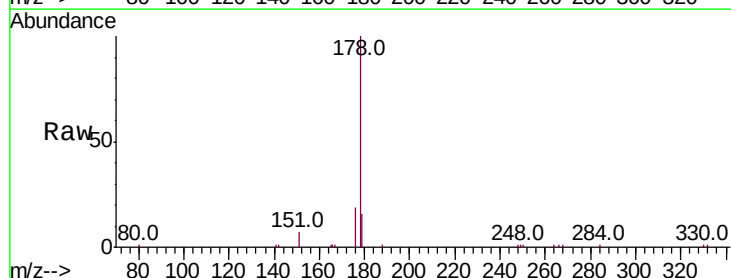
Tgt Ion:178 Resp: 10843

Ion Ratio Lower Upper

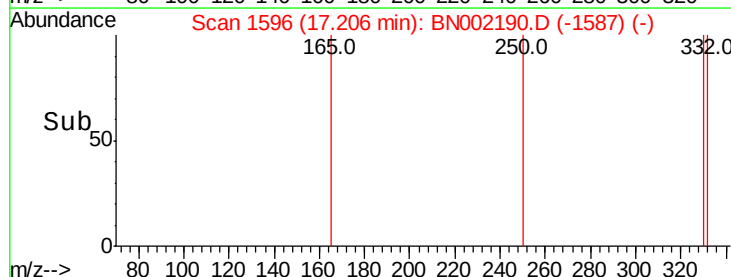
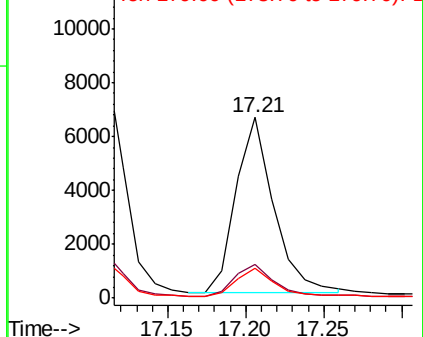
178 100

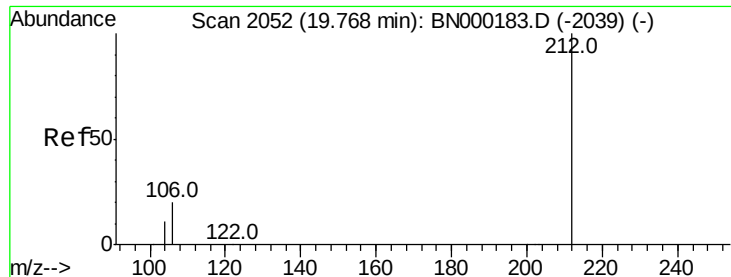
176 18.4 12.8 19.2

179 15.5 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

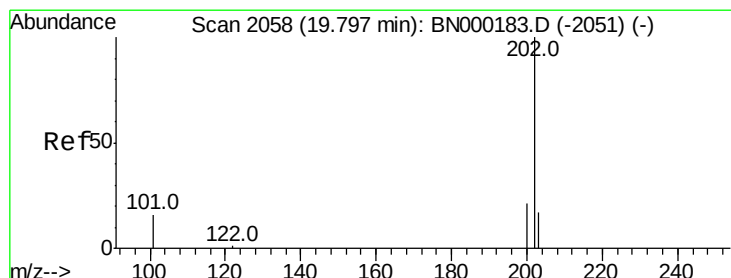
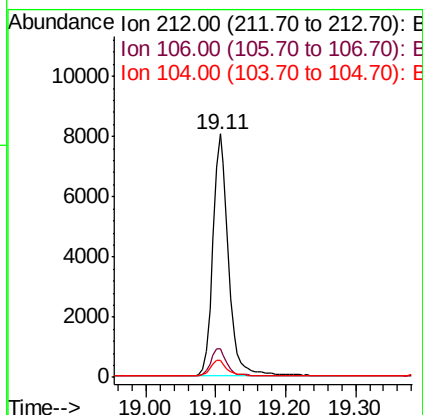
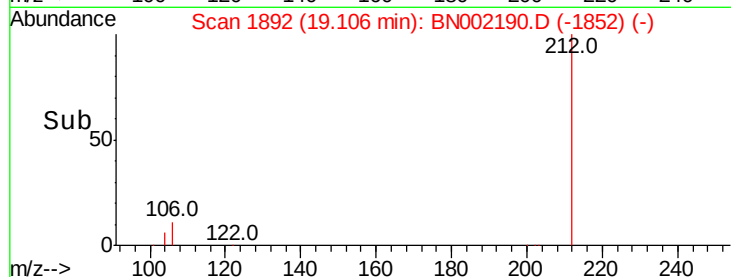
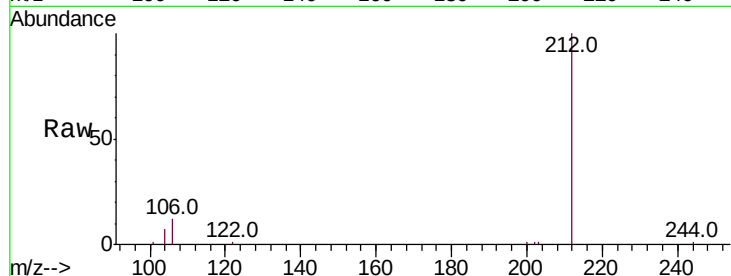




#25
 Fluoranthene-d10
 Concen: 0.347 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. -0.00 min
 Lab File: BN002190.D
 Acq: 30 Jul 2018 17:50

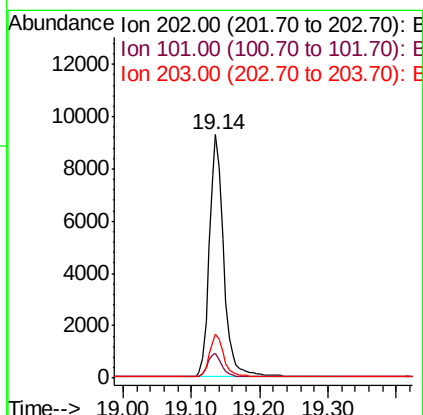
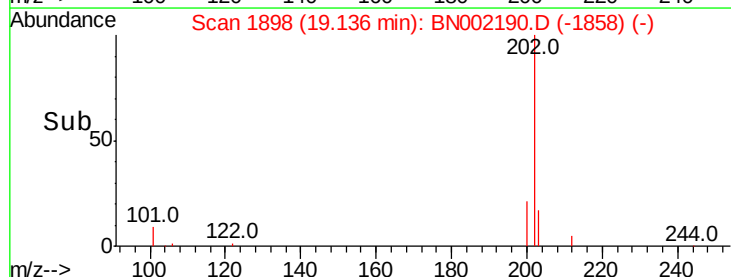
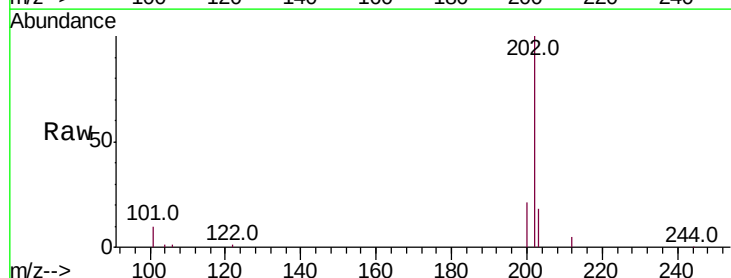
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

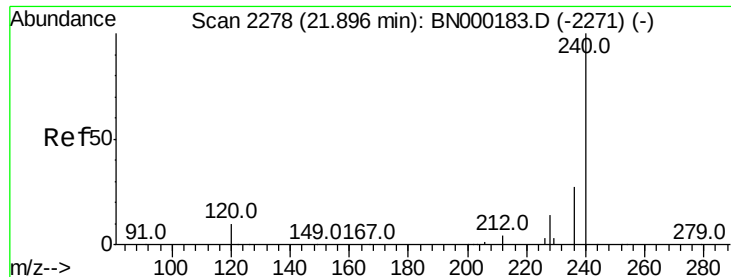
Tot Ion:212 Resp: 12452
 Ion Ratio Lower Upper
 212 100
 106 11.5 2.8 4.2#
 104 6.5 1.6 2.4#



#26
 Fluoranthene
 Concen: 0.345 ng
 RT: 19.14 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BN002190.D
 Acq: 30 Jul 2018 17:50

Tgt Ion:202 Resp: 13550
 Ion Ratio Lower Upper
 202 100
 101 10.0 9.8 14.8
 203 17.0 13.7 20.5

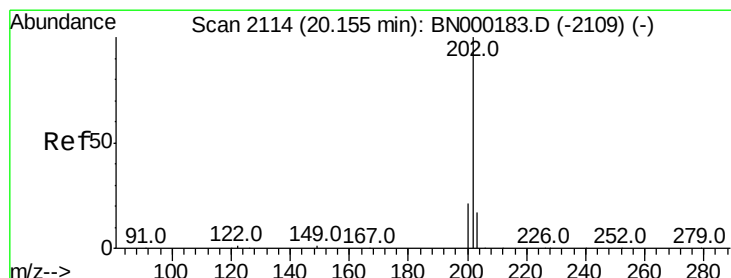
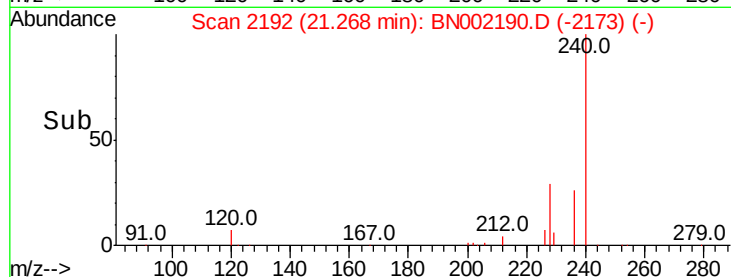
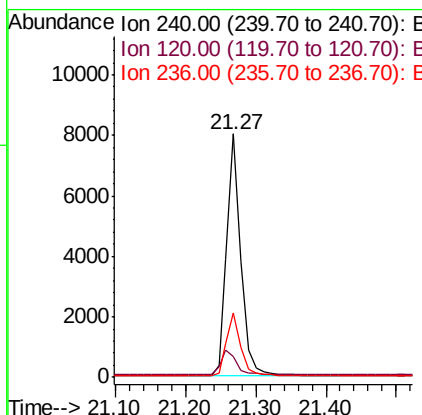
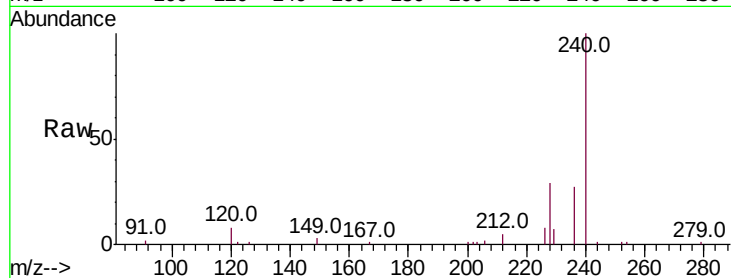




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

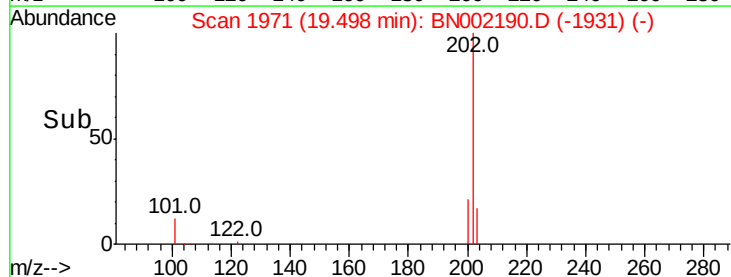
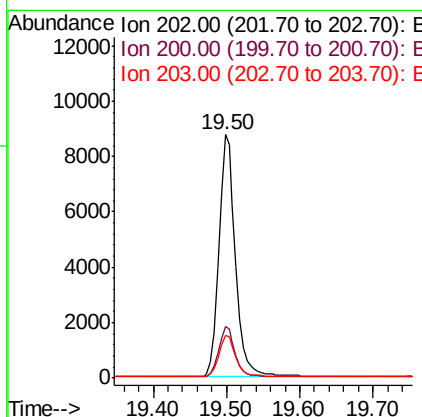
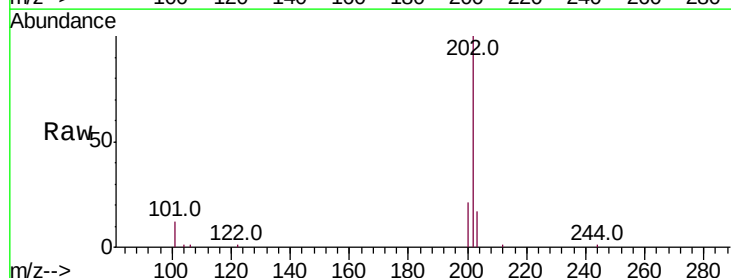
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

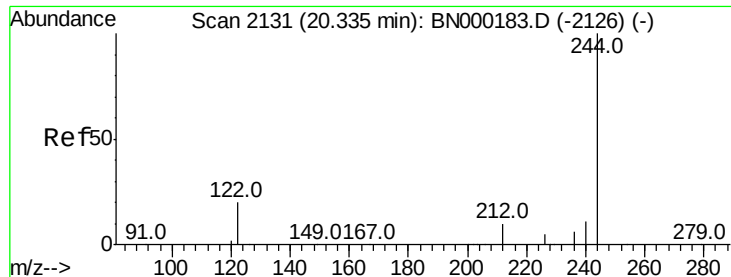
Tot Ion:240 Resp: 11233
Ion Ratio Lower Upper
240 100
120 8.4 5.5 8.3#
236 26.5 20.7 31.1



#28
Pyrene
Concen: 0.410 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN002190.D
Acq: 30 Jul 2018 17:50

Tgt Ion:202 Resp: 13611
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 17.3 13.8 20.8





#29

Terphenyl-d14

Concen: 0.395 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

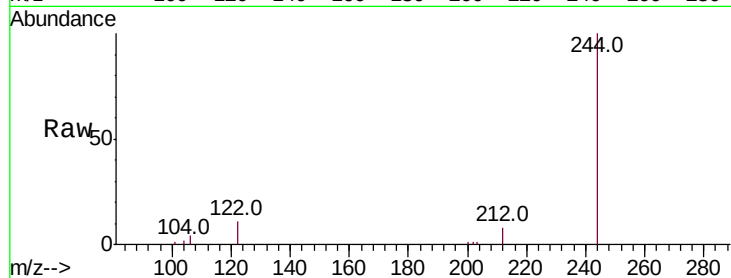
Tot Ion:244 Resp: 9475

Ion Ratio Lower Upper

244 100

212 8.0 25.4 38.0#

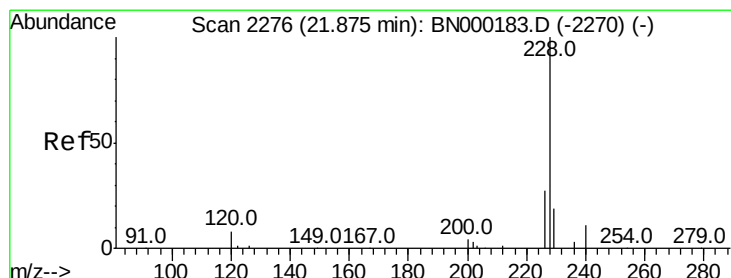
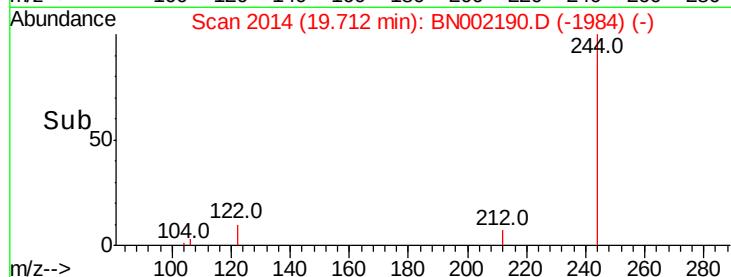
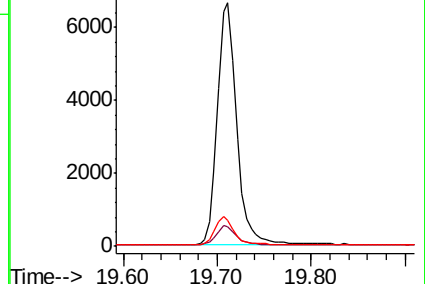
122 10.5 8.1 12.1



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: 0.369 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

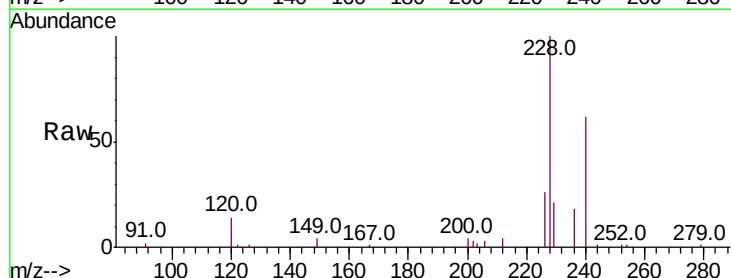
Tgt Ion:228 Resp: 10436

Ion Ratio Lower Upper

228 100

226 26.3 24.0 36.0

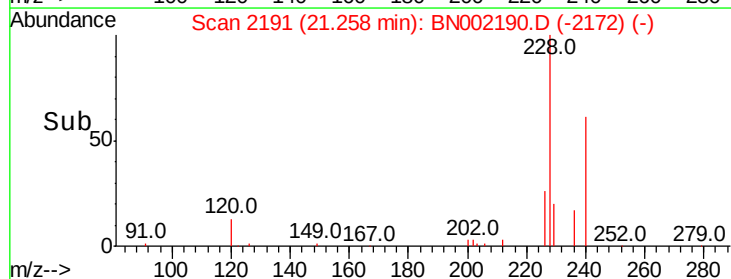
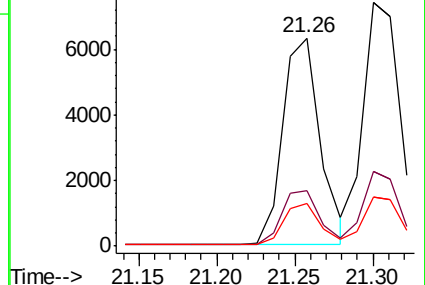
229 20.6 16.0 24.0

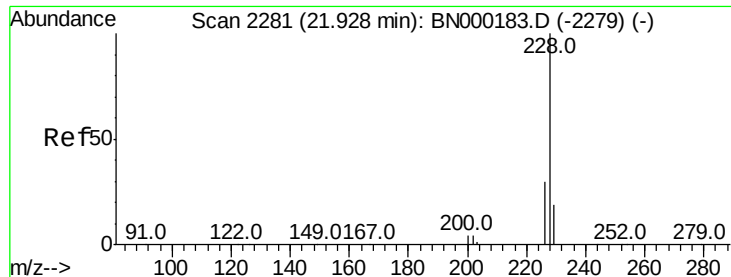


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

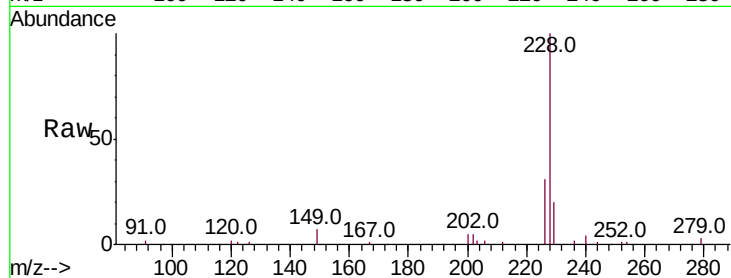
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 12293

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.2	16.0	24.0

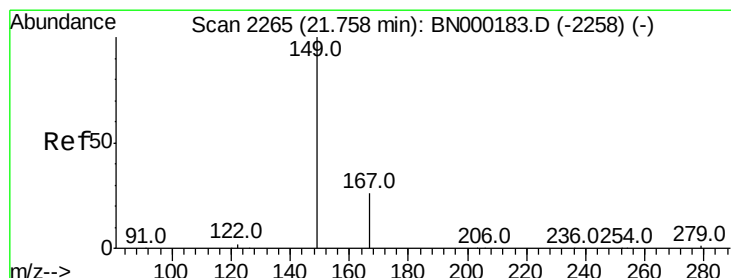
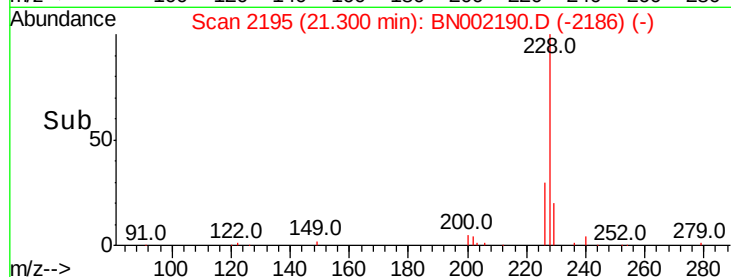
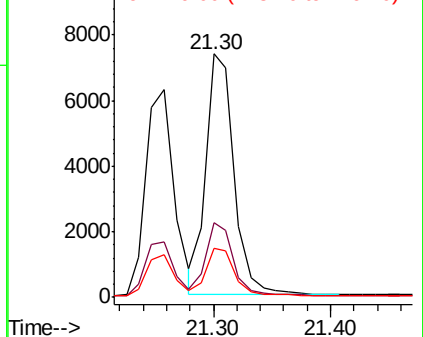


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.336 ng

RT: 21.18 min Scan# 2184

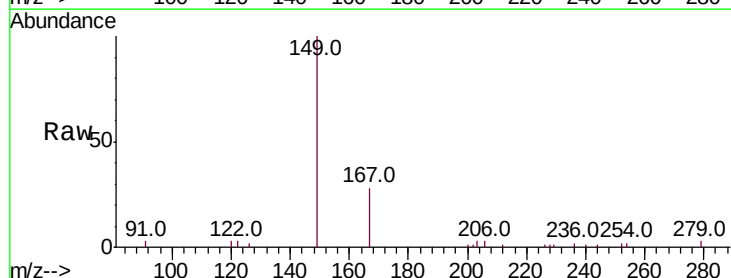
Delta R.T. -0.01 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Tgt Ion:149 Resp: 4337

Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.0	30.0
279	4.4	1.6	2.4

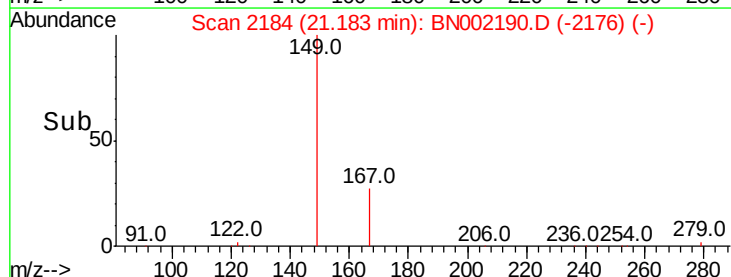
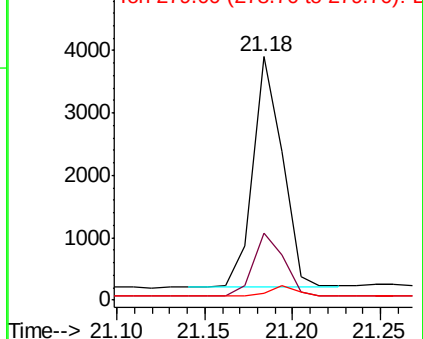


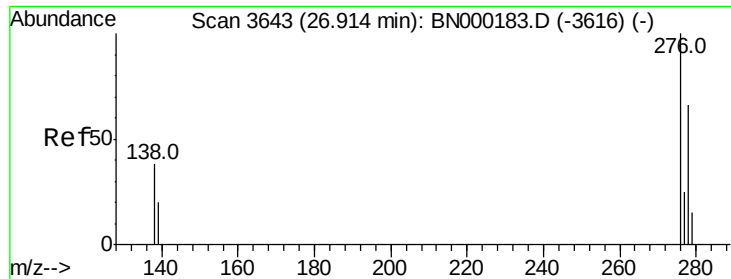
Abundance

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: 0.435 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

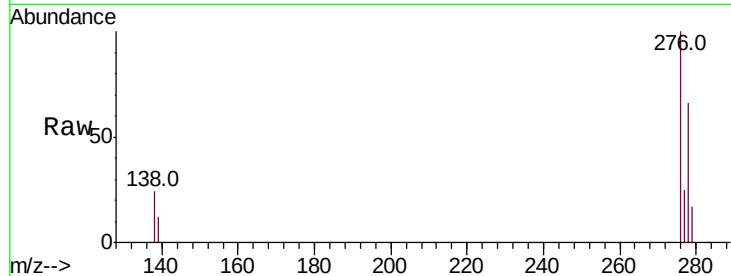
Tot Ion:276 Resp: 12975

Ion Ratio Lower Upper

276 100

138 22.1 22.5 33.7#

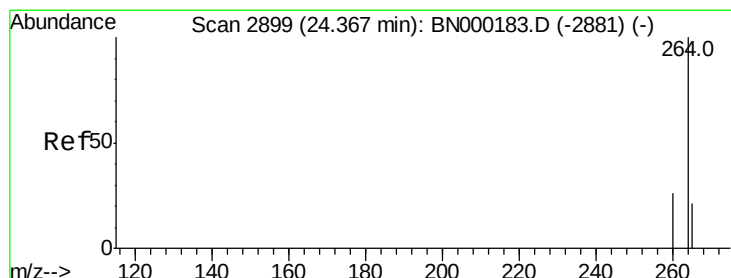
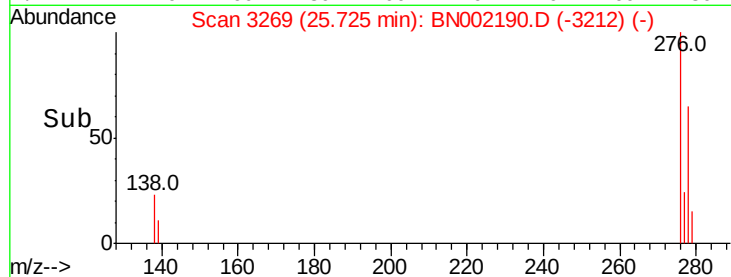
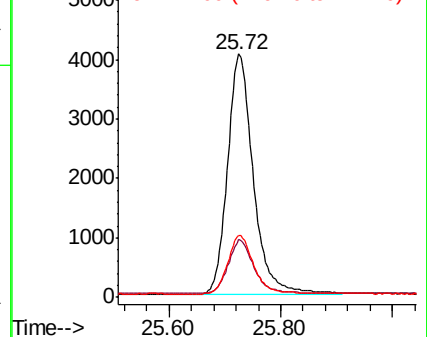
277 24.4 19.9 29.9



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: BN002190.D

Acq: 30 Jul 2018 17:50

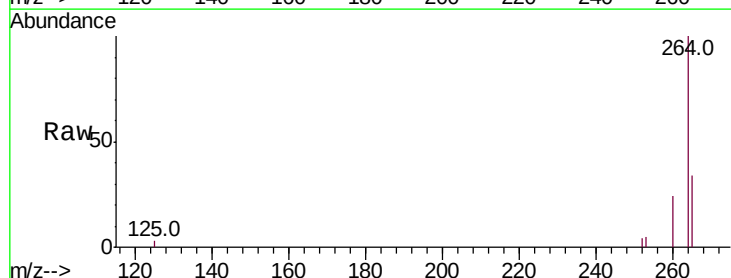
Tgt Ion:264 Resp: 10233

Ion Ratio Lower Upper

264 100

260 24.5 20.5 30.7

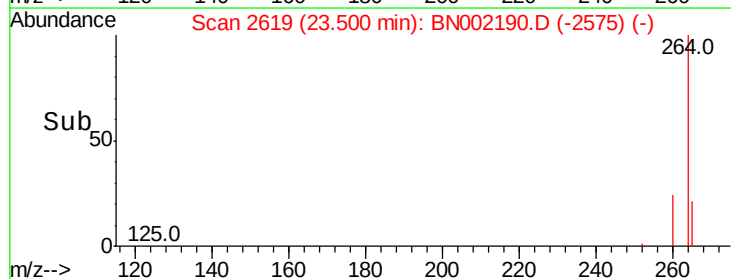
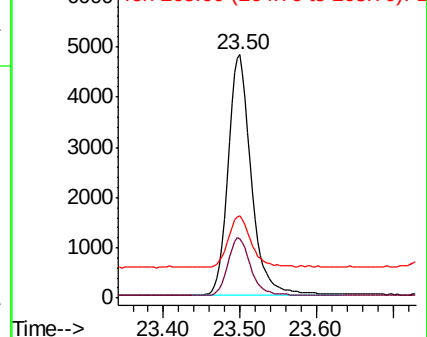
265 33.6 22.8 34.2

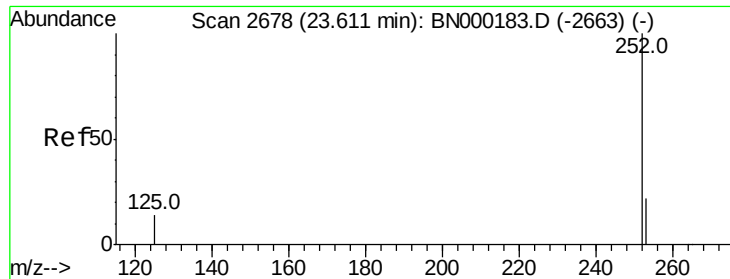


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.367 ng

RT: 22.83 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

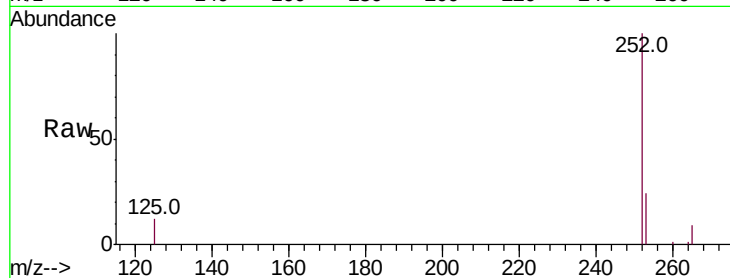
Tot Ion:252 Resp: 11053

Ion Ratio Lower Upper

252 100

253 24.4 20.0 30.0

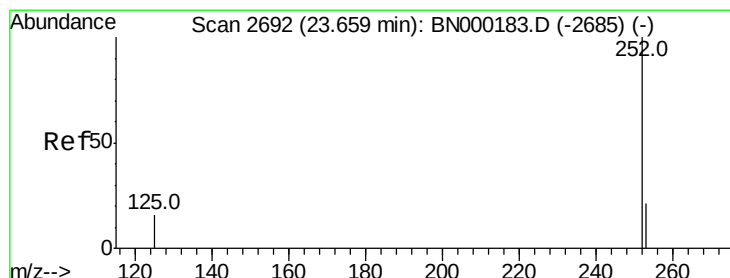
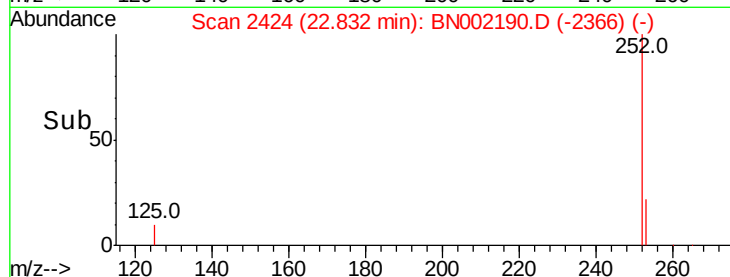
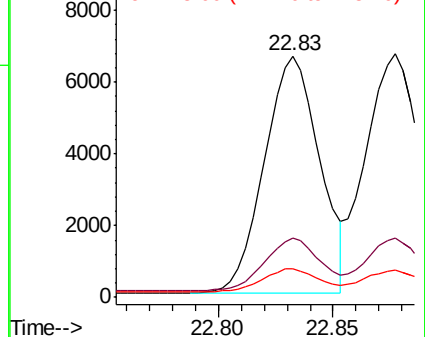
125 11.7 16.0 24.0#



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: 0.385 ng

RT: 22.88 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

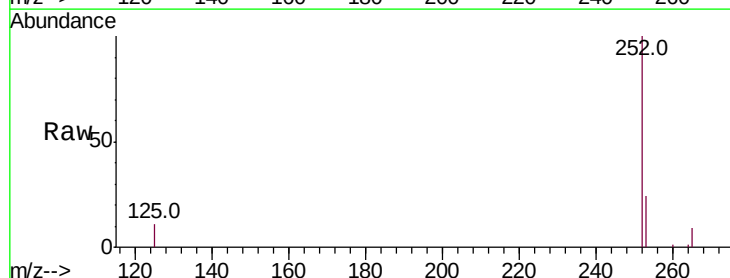
Tgt Ion:252 Resp: 12026

Ion Ratio Lower Upper

252 100

253 24.2 16.0 24.0#

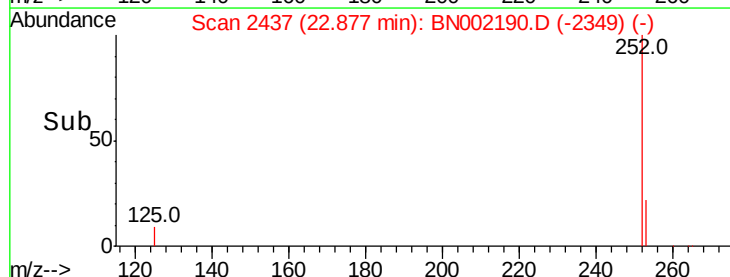
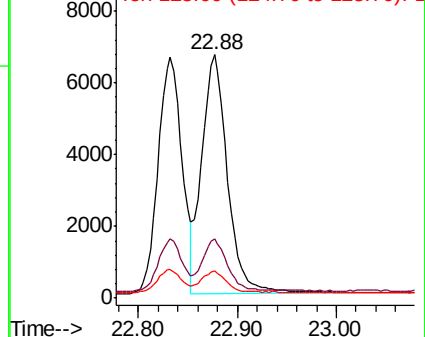
125 11.0 8.0 12.0

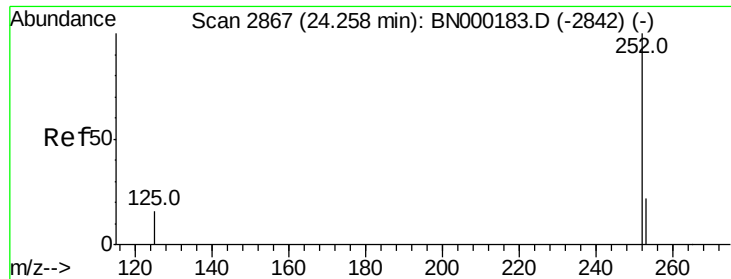


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.40 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

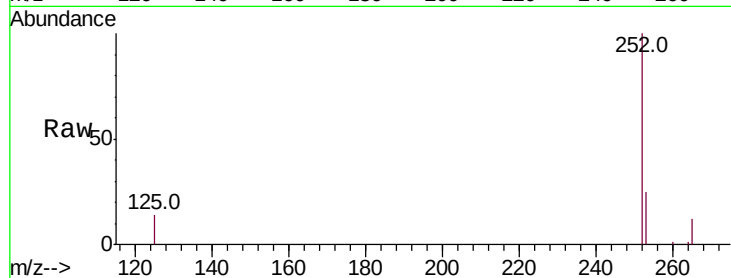
Tot Ion:252 Resp: 10599

Ion Ratio Lower Upper

252 100

253 25.1 16.0 24.0#

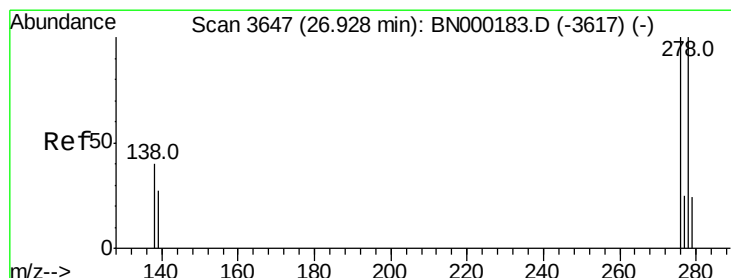
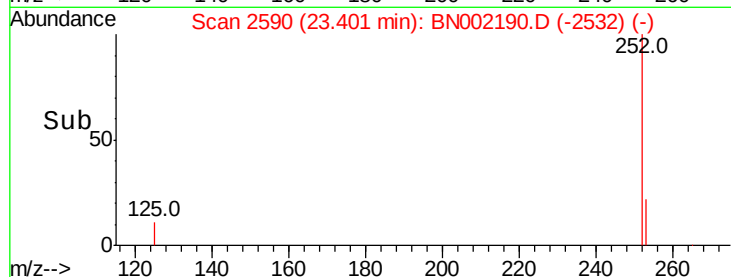
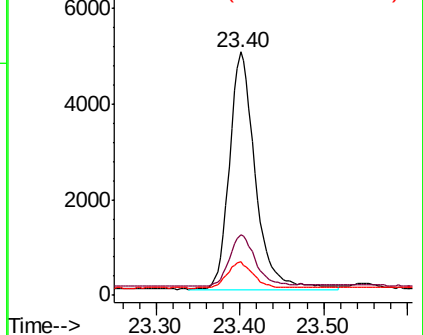
125 14.0 12.0 18.0



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: 0.404 ng

RT: 25.74 min Scan# 3273

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

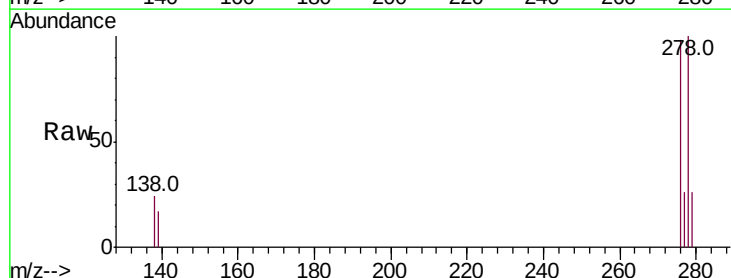
Tgt Ion:278 Resp: 10726

Ion Ratio Lower Upper

278 100

139 17.2 16.0 24.0

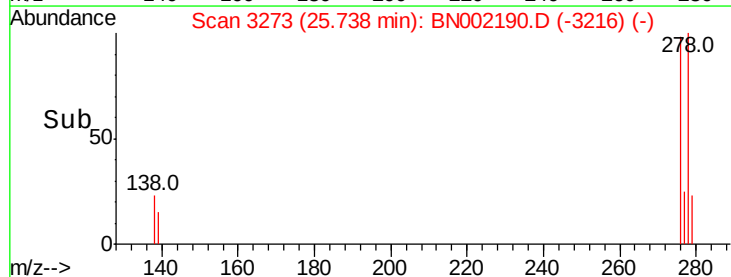
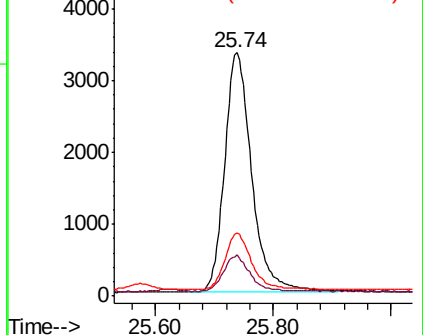
279 25.7 20.0 30.0

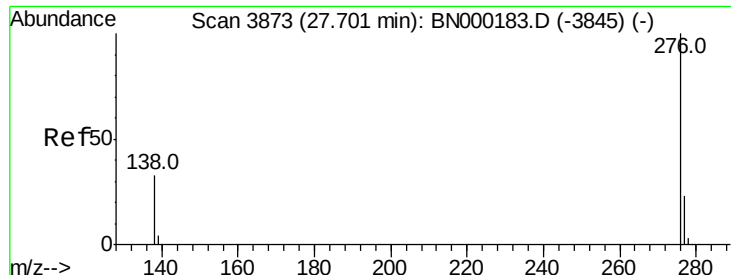


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.409 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BN002190.D

Acq: 30 Jul 2018 17:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

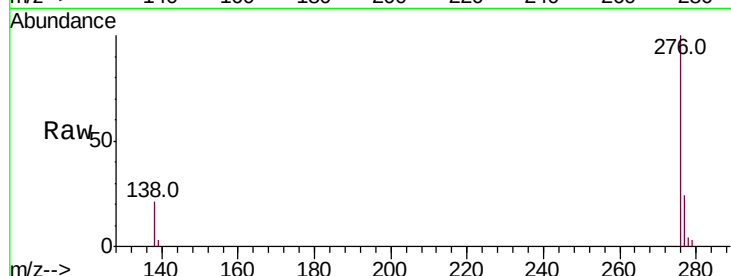
Tot Ion:276 Resp: 11078

Ion Ratio Lower Upper

276 100

277 24.4 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

