

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003301.D
 Acq On : 26 Oct 2018 13:00
 Operator : MJ/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Oct 26 13:51:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 26 13:42:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	12988	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	54754	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	32219	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	78683	0.40	ng	0.00
27) Chrysene-d12	21.42	240	92217	0.40	ng	0.00
34) Perylene-d12	23.74	264	86026	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	12368	0.54	ng	0.00
5) Phenol-d6	7.02	99	15535	0.43	ng	0.00
8) Nitrobenzene-d5	9.02	82	8751	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	34420	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	4349	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	52155	0.42	ng	0.00
25) Fluoranthene-d10	19.27	212	86521	0.37	ng	0.00
29) Terphenyl-d14	19.87	244	78580	0.36	ng	0.00

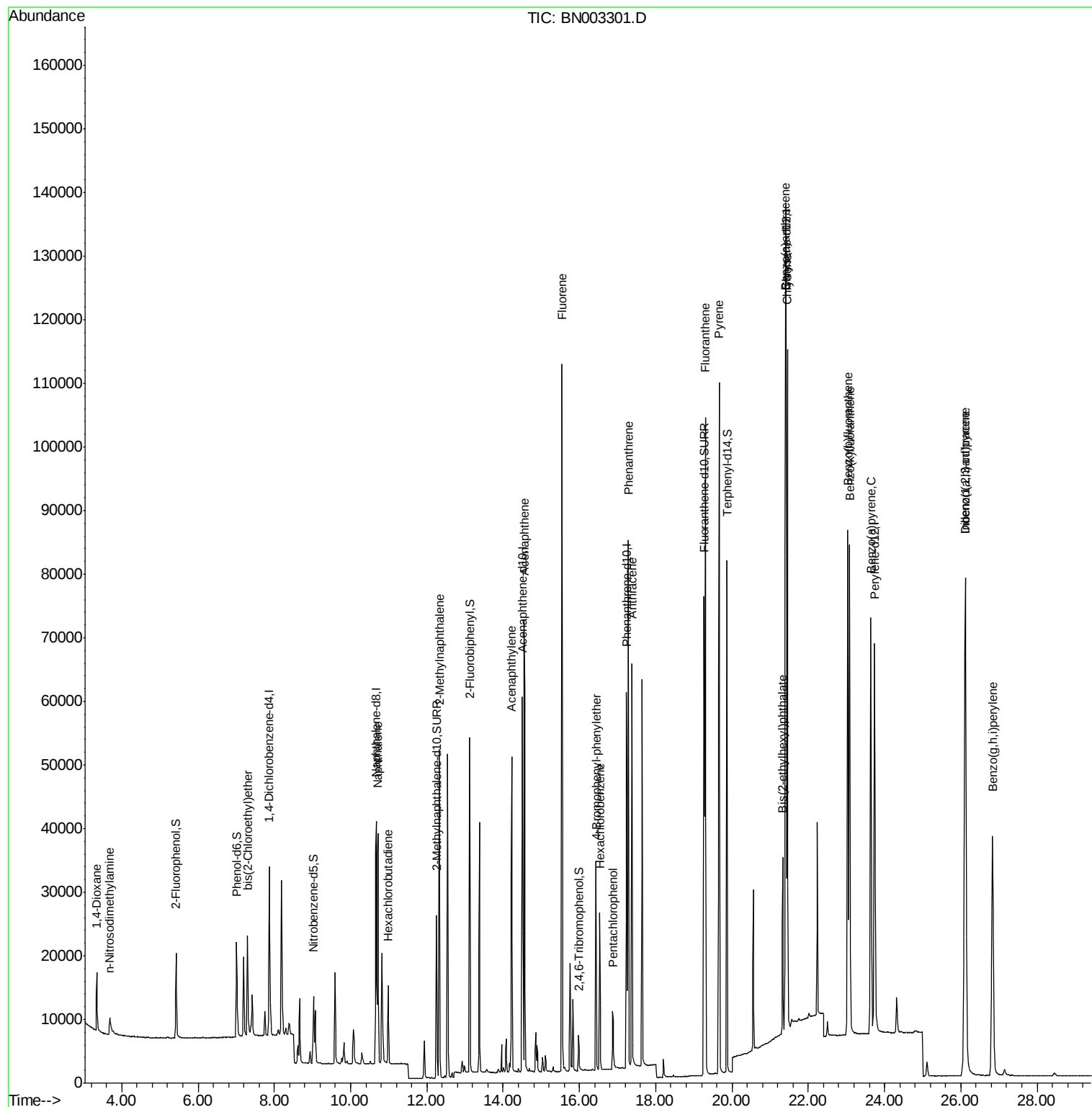
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	6281	0.321	ng	100
3) n-Nitrosodimethylamine	3.69	42	2960	0.523	ng	100
6) bis(2-Chloroethyl)ether	7.30	93	14418	0.366	ng	100
9) Naphthalene	10.72	128	52013	0.380	ng	100
10) Hexachlorobutadiene	10.99	225	9515	0.349	ng	# 100
12) 2-Methylnaphthalene	12.32	142	36223	0.391	ng	100
16) Acenaphthylene	14.22	152	54163	0.374	ng	100
17) Acenaphthene	14.56	154	38490	0.394	ng	100
18) Fluorene	15.55	166	48139	0.384	ng	100
20) 4-Bromophenyl-phenylether	16.44	248	17323	0.360	ng	100
21) Hexachlorobenzene	16.54	284	18578	0.363	ng	100
22) Pentachlorophenol	16.88	266	4807	0.730	ng	100
23) Phenanthrene	17.28	178	82312	0.395	ng	100
24) Anthracene	17.38	178	69629	0.376	ng	100
26) Fluoranthene	19.30	202	93953	0.368	ng	100
28) Pyrene	19.66	202	95725	0.360	ng	100
30) Benzo(a)anthracene	21.41	228	86717	0.398	ng	100
31) Chrysene	21.46	228	98004	0.321	ng	100
32) Bis(2-ethylhexyl)phthalate	21.33	149	25086	0.188	ng	100
33) Indeno(1,2,3-cd)pyrene	26.11	276	101739	0.389	ng	100
35) Benzo(b)fluoranthene	23.04	252	99743	0.432	ng	100
36) Benzo(k)fluoranthene	23.09	252	99035	0.353	ng	100
37) Benzo(a)pyrene	23.64	252	92395	0.382	ng	100
38) Dibenzo(a,h)anthracene	26.13	278	82812	0.393	ng	100
39) Benzo(g,h,i)perylene	26.83	276	82437	0.383	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 601

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

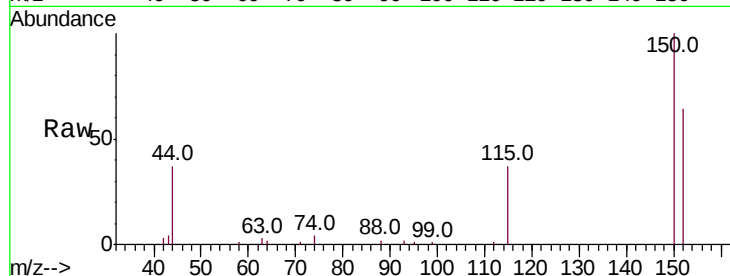
Tot Ion:152 Resp: 12988

Ion Ratio Lower Upper

152 100

150 155.8 124.6 187.0

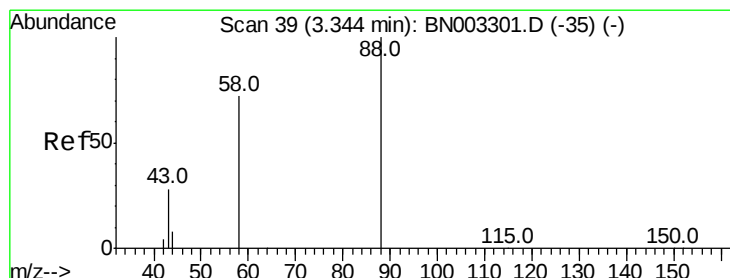
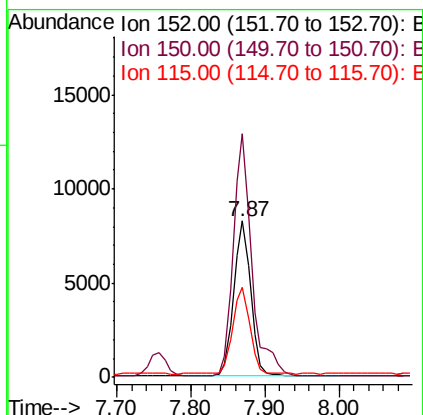
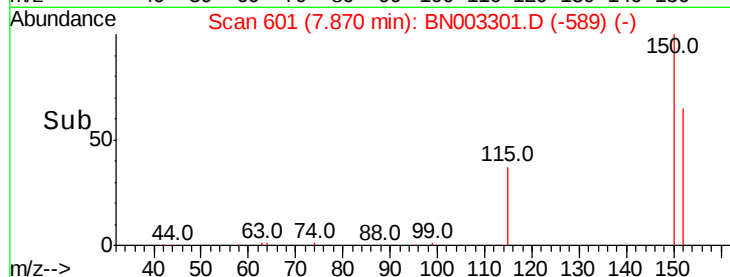
115 58.0 46.4 69.6



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: 0.321 ng

RT: 3.34 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

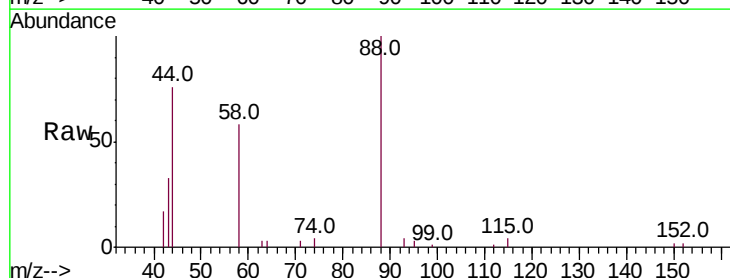
Tgt Ion: 88 Resp: 6281

Ion Ratio Lower Upper

88 100

58 76.1 60.9 91.3

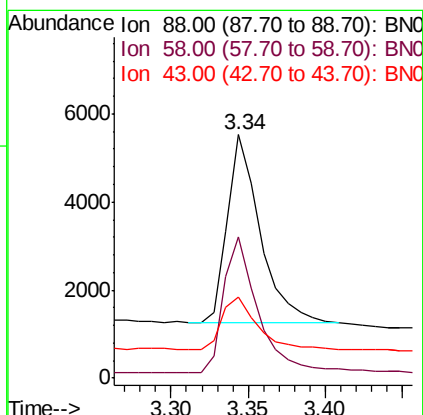
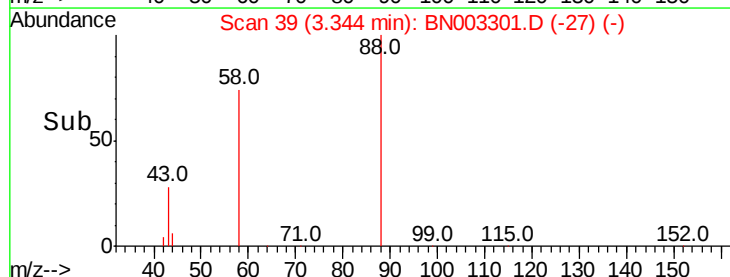
43 29.9 23.9 35.9



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: 0.523 ng

RT: 3.69 min Scan# 82

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

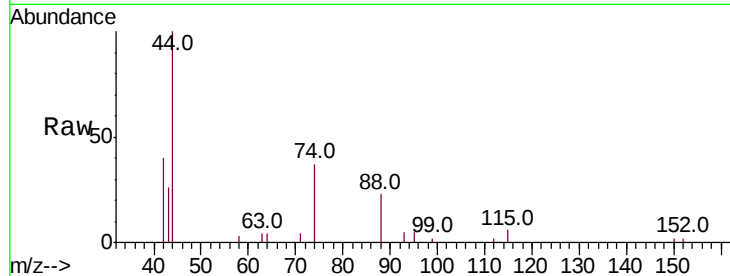
Tot Ion: 42 Resp: 2960

Ion Ratio Lower Upper

42 100

74 123.9 99.1 148.7

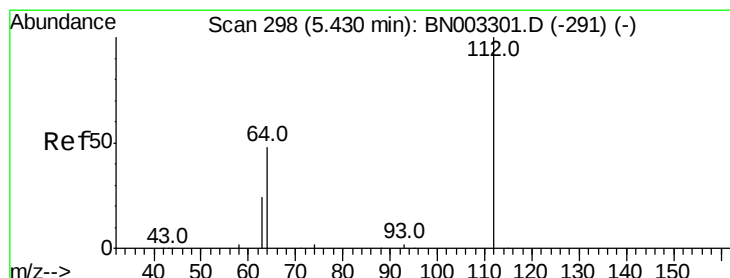
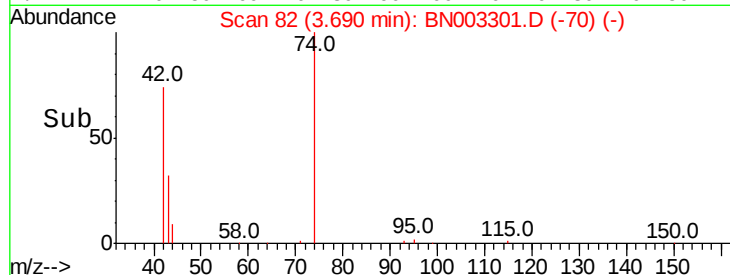
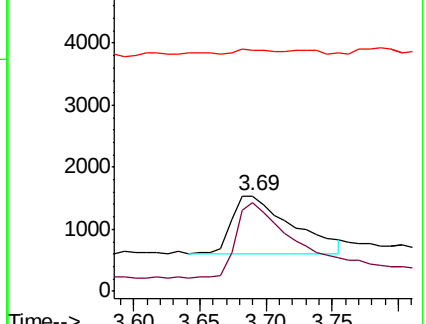
44 5.3 4.2 6.4



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: 0.538 ng

RT: 5.43 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

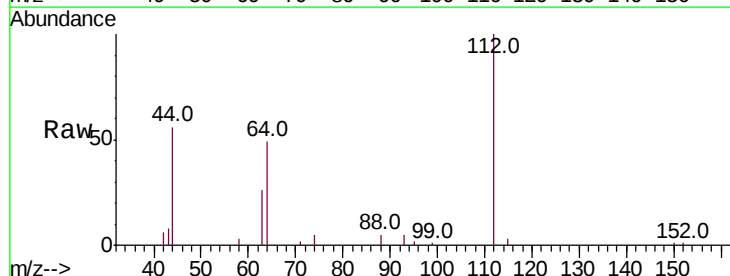
Tgt Ion: 112 Resp: 12368

Ion Ratio Lower Upper

112 100

64 55.4 44.3 66.5

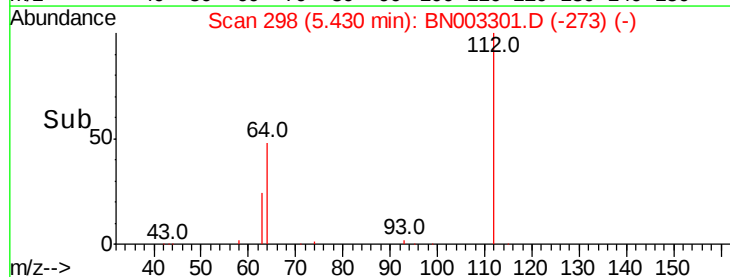
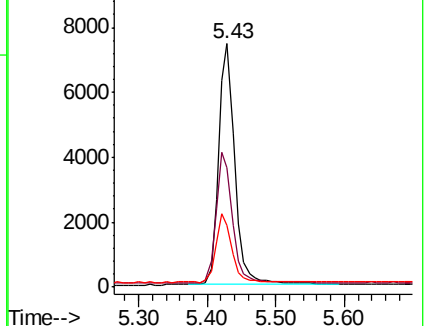
63 28.0 22.4 33.6

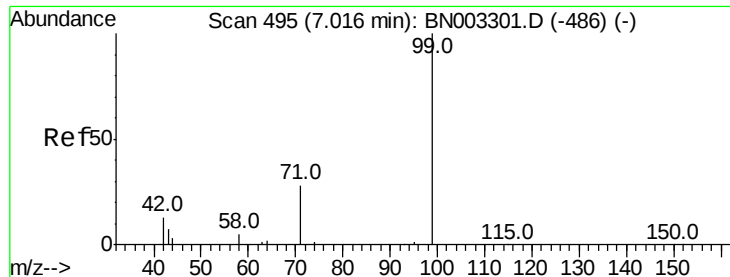


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.434 ng

RT: 7.02 min Scan# 495

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

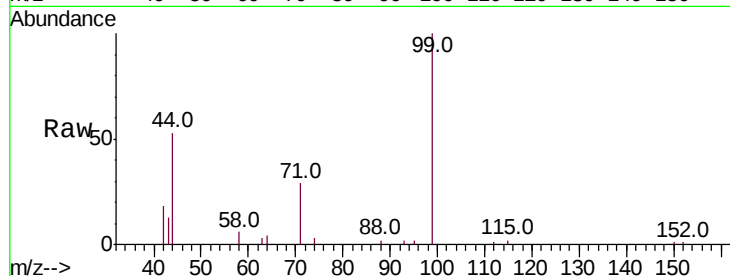
Tot Ion: 99 Resp: 15535

Ion Ratio Lower Upper

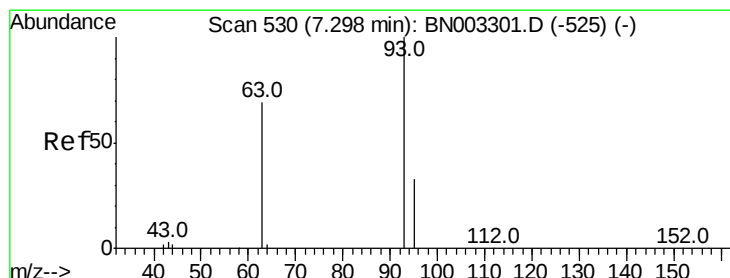
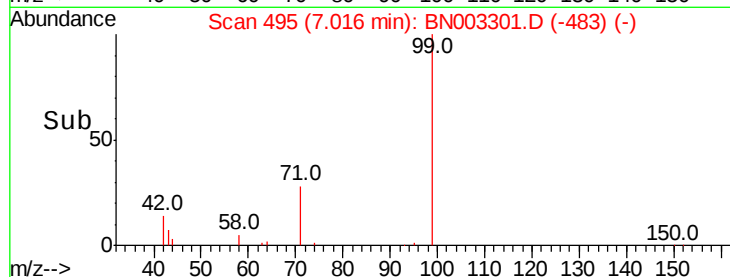
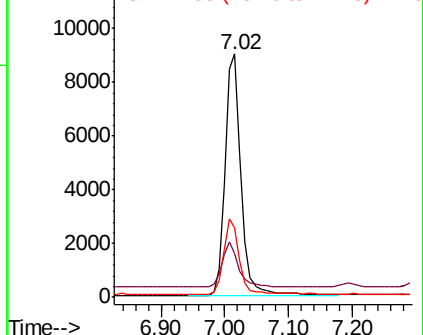
99 100

42 18.5 14.8 22.2

71 31.0 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

RT: 7.30 min Scan# 530

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

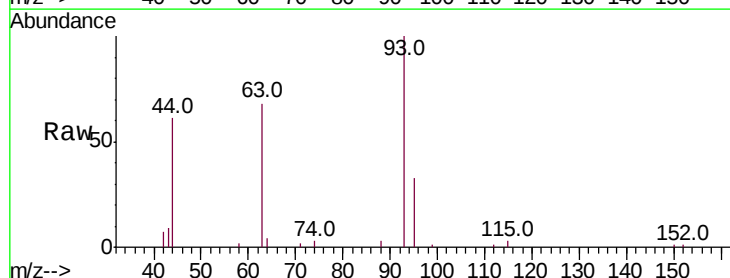
Tgt Ion: 93 Resp: 14418

Ion Ratio Lower Upper

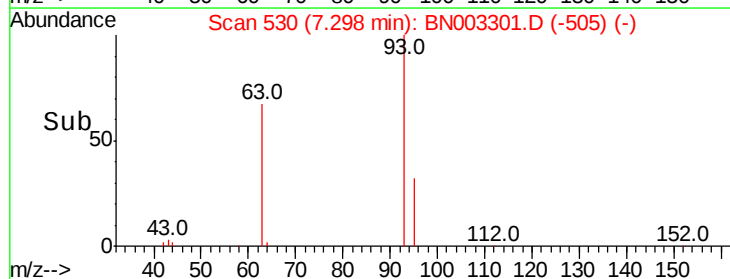
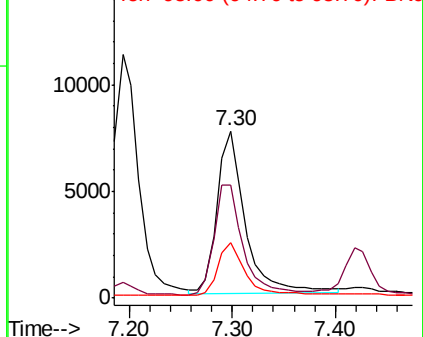
93 100

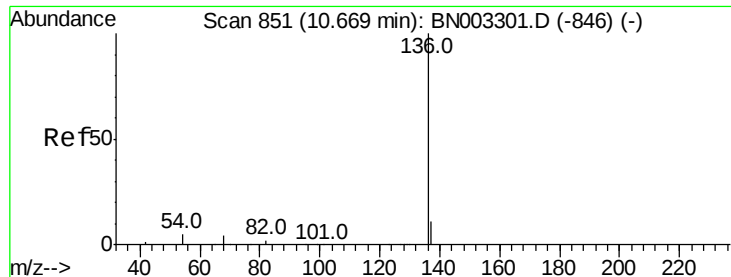
63 69.7 55.8 83.6

95 31.8 25.4 38.2



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 54754

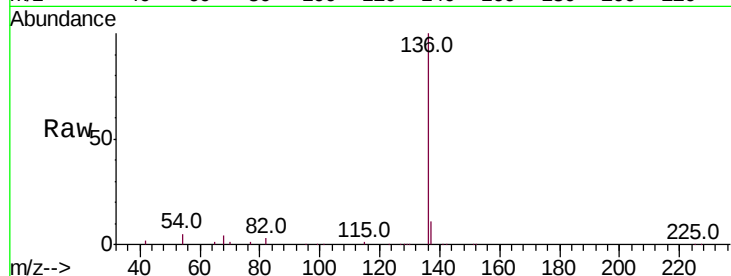
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 5.1 4.1 6.1

68 4.4 3.5 5.3

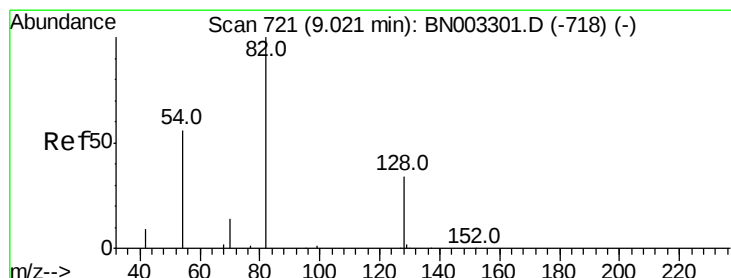
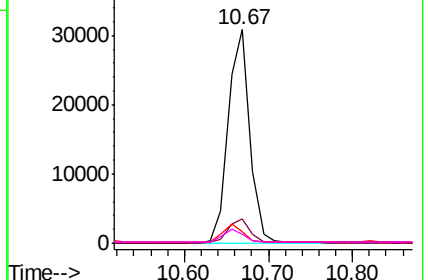
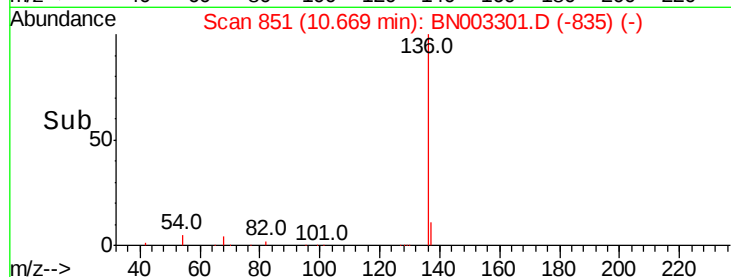


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.261 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

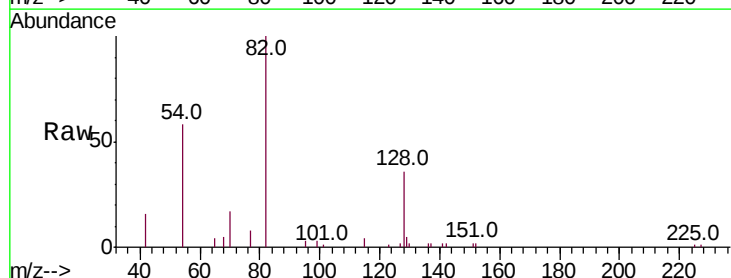
Tgt Ion: 82 Resp: 8751

Ion Ratio Lower Upper

82 100

128 36.1 28.9 43.3

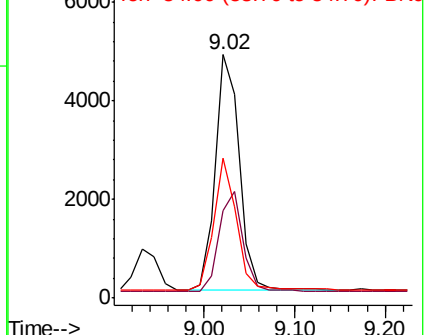
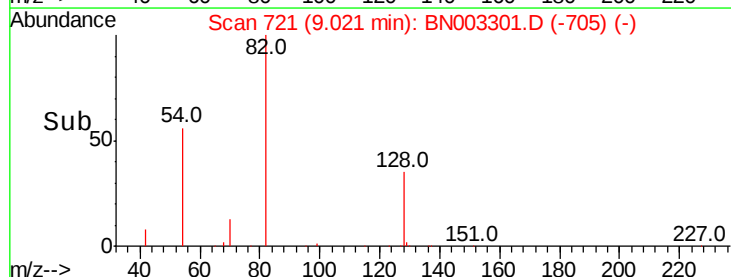
54 57.6 46.1 69.1

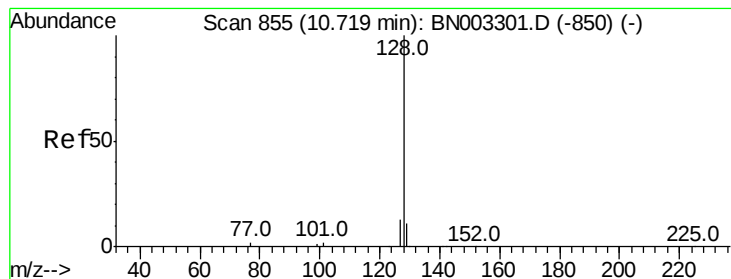


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.380 ng

RT: 10.72 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

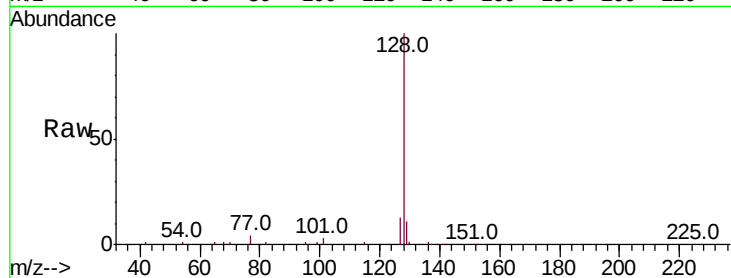
Tot Ion:128 Resp: 52013

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

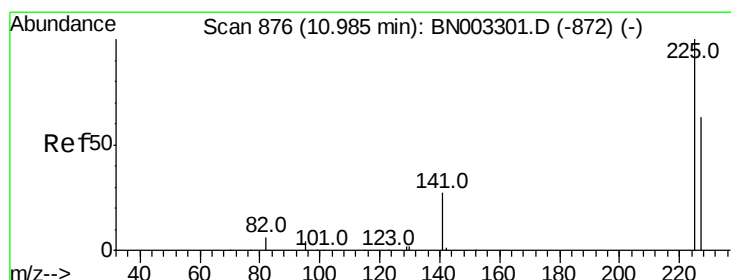
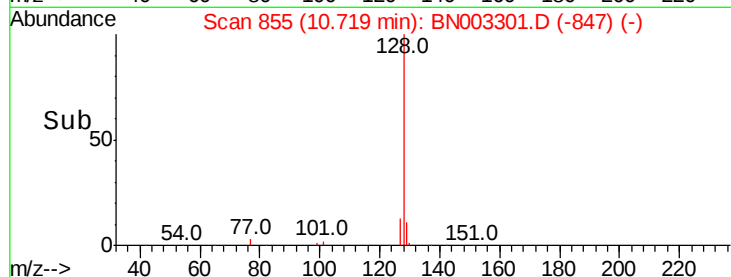
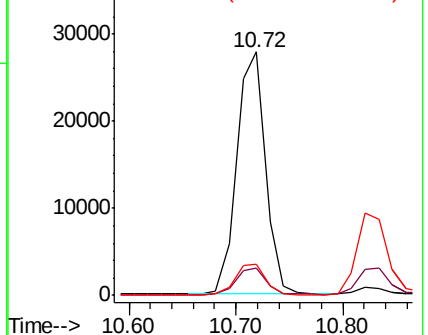
127 12.8 10.2 15.4



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: 0.349 ng

RT: 10.99 min Scan# 876

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

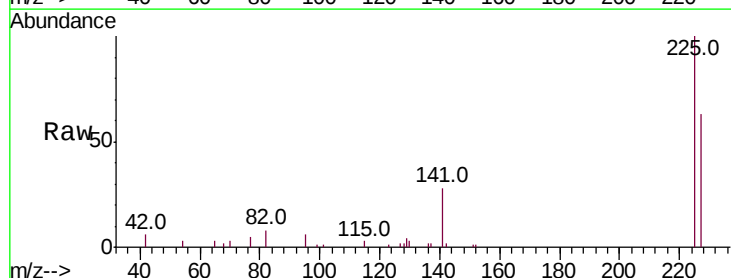
Tgt Ion:225 Resp: 9515

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

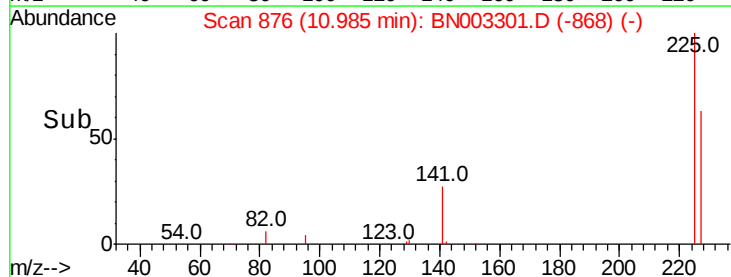
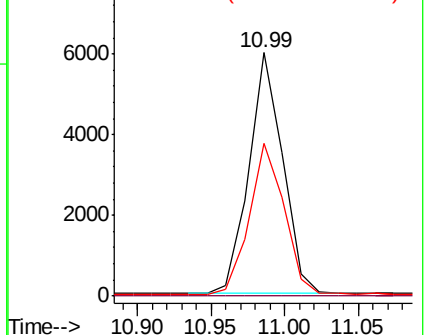
227 64.1 51.3 76.9

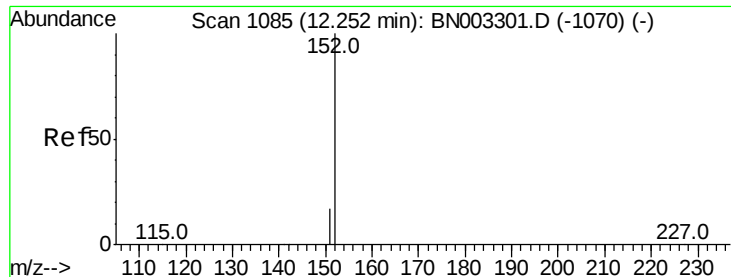


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

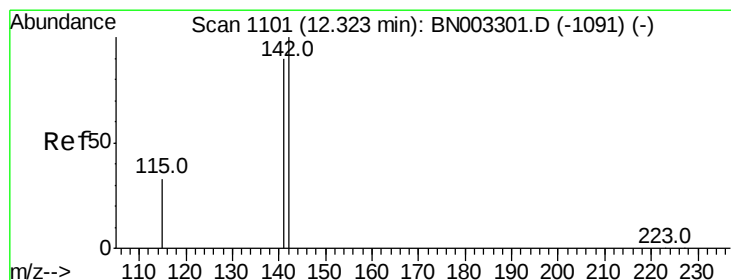
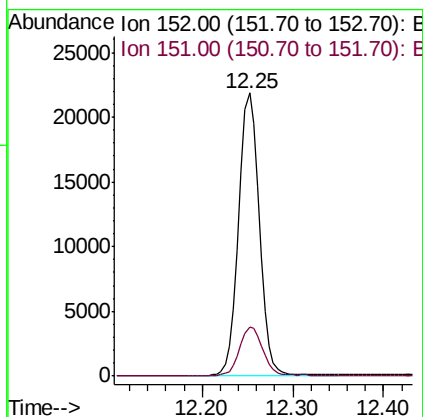
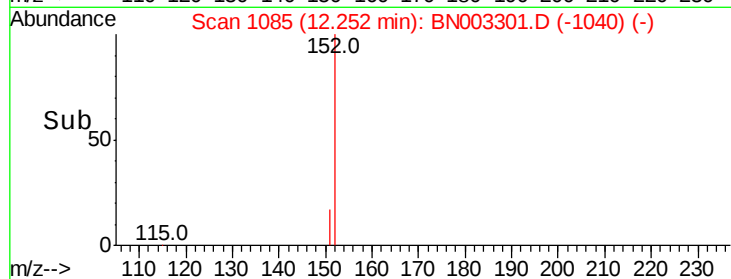
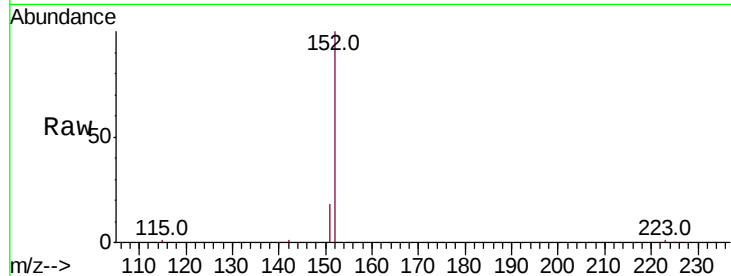




#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 12.25 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BN003301.D
 Acq: 26 Oct 2018 13:00

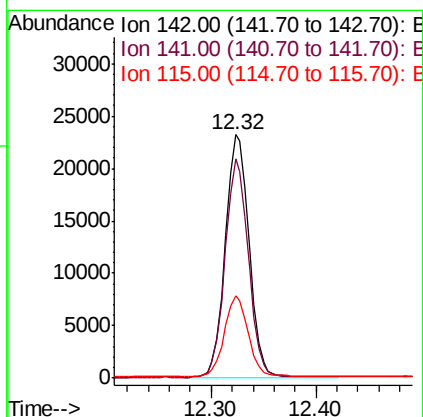
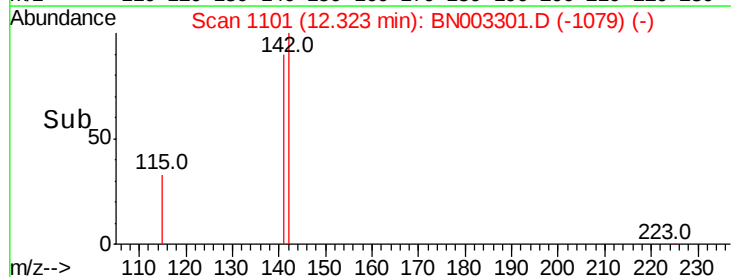
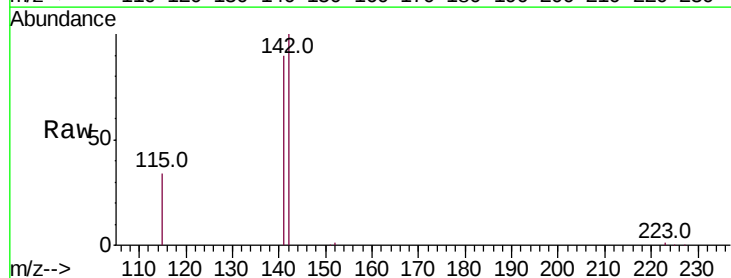
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

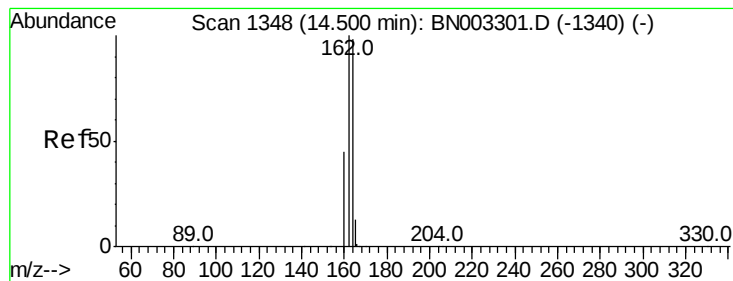
Tot Ion:152 Resp: 34420
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.391 ng
 RT: 12.32 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BN003301.D
 Acq: 26 Oct 2018 13:00

Tgt Ion:142 Resp: 36223
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.9 107.9
 115 33.8 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

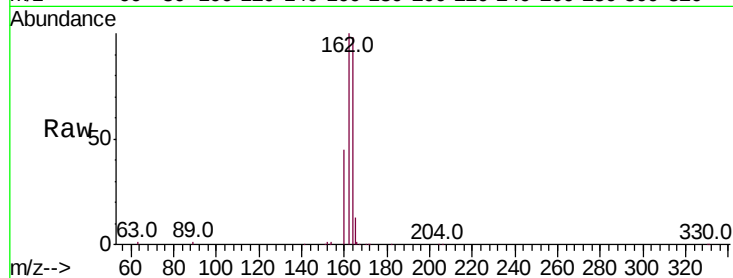
Tot Ion:164 Resp: 32219

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

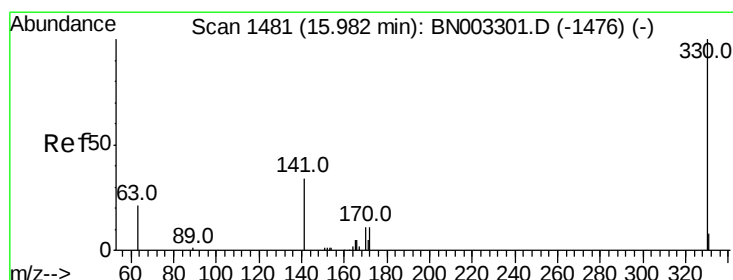
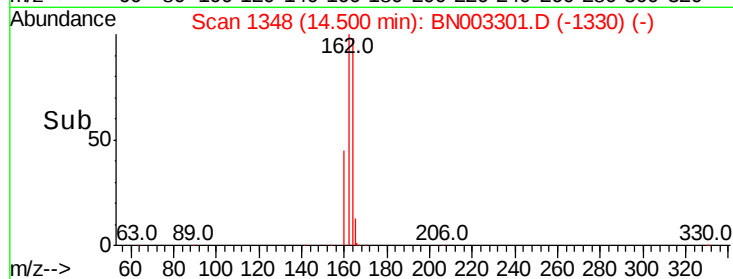
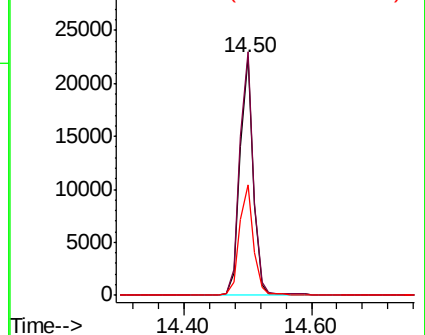
160 46.5 37.2 55.8



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: 0.232 ng

RT: 15.98 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

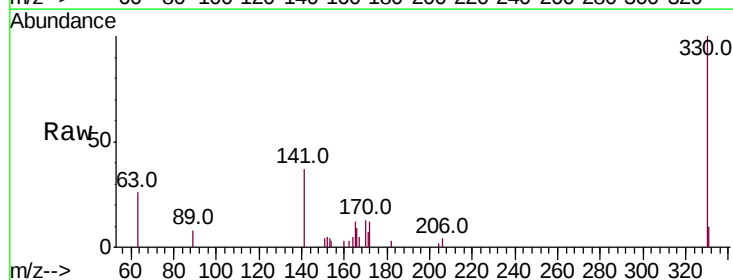
Tgt Ion:330 Resp: 4349

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

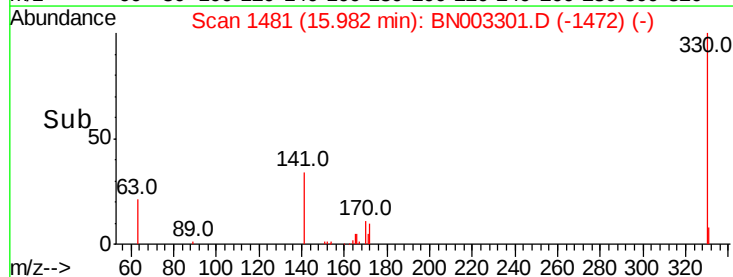
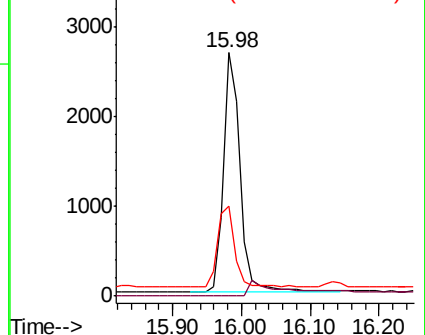
141 35.4 28.3 42.5

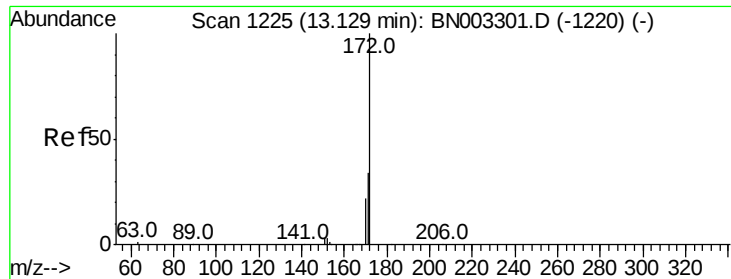


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

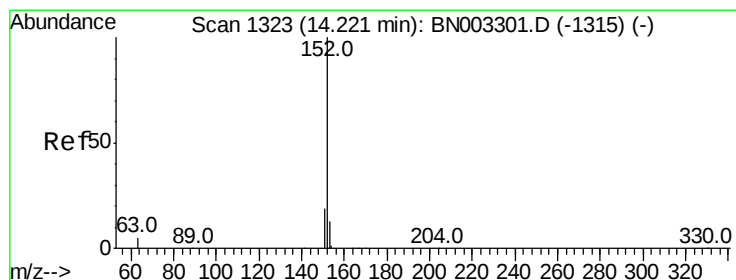
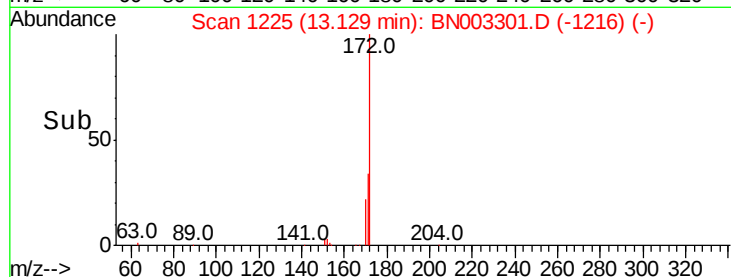
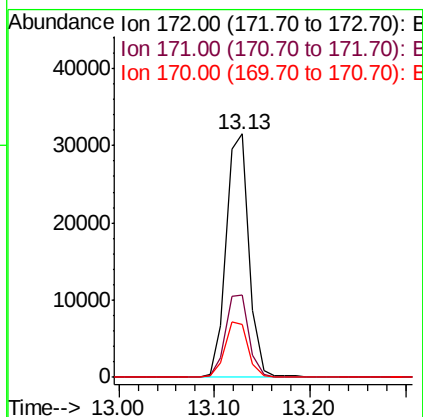
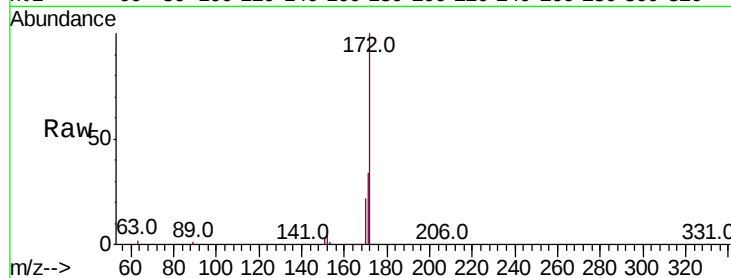




#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.13 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BN003301.D
Acq: 26 Oct 2018 13:00

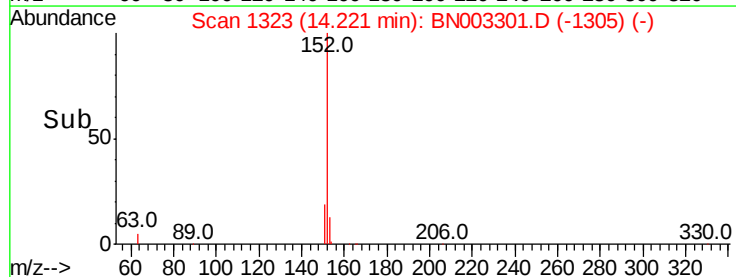
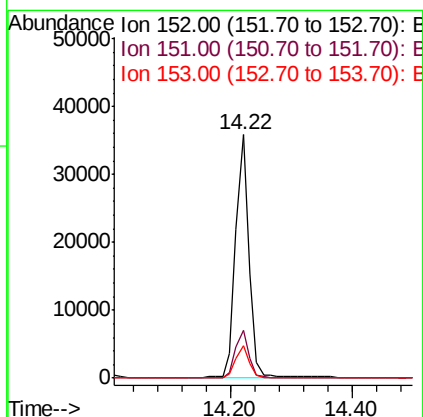
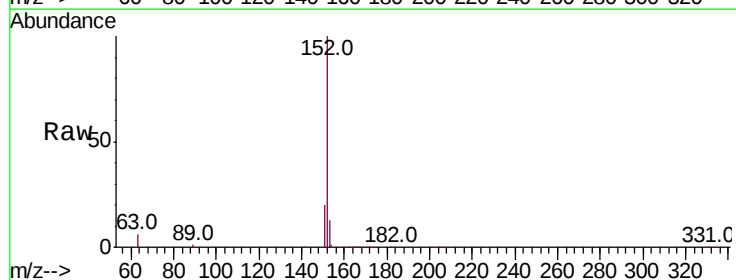
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

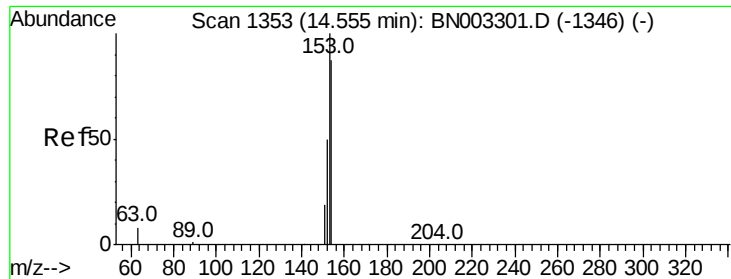
Tot Ion:172 Resp: 52155
Ion Ratio Lower Upper
172 100
171 33.9 27.1 40.7
170 21.7 17.4 26.0



#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN003301.D
Acq: 26 Oct 2018 13:00

Tgt Ion:152 Resp: 54163
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.56 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

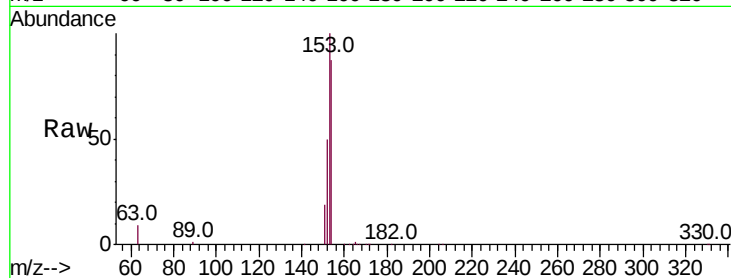
Tot Ion:154 Resp: 38490

Ion Ratio Lower Upper

154 100

153 111.1 88.9 133.3

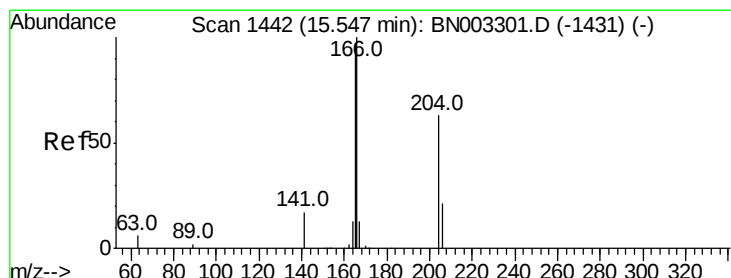
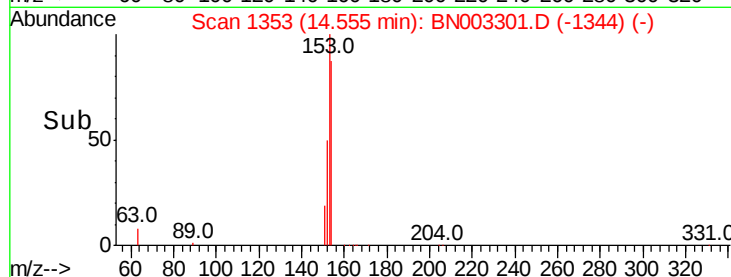
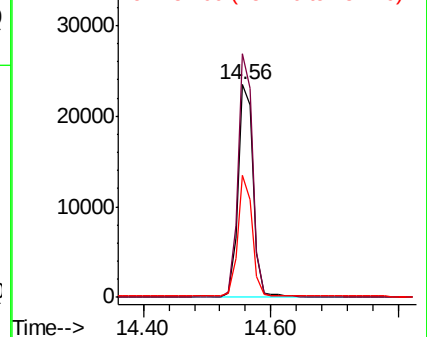
152 54.4 43.5 65.3



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: 0.384 ng

RT: 15.55 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

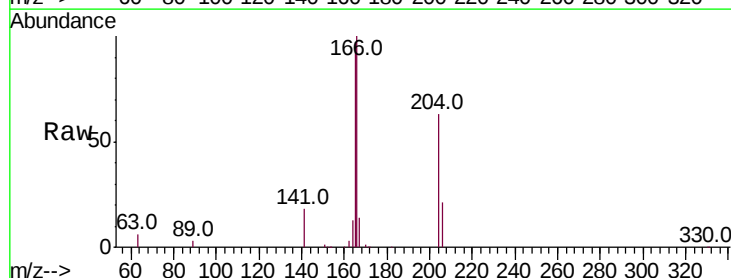
Tgt Ion:166 Resp: 48139

Ion Ratio Lower Upper

166 100

165 97.3 77.8 116.8

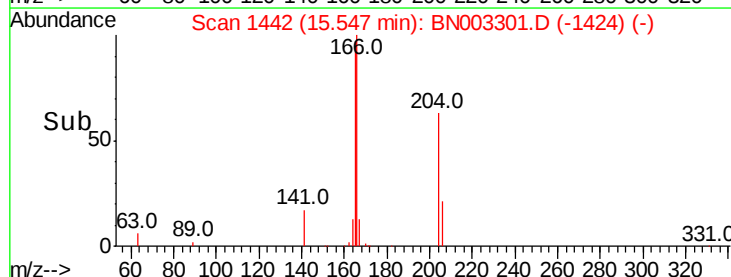
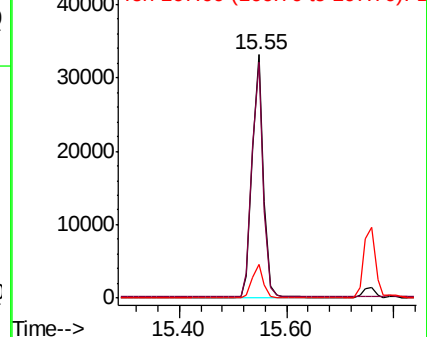
167 13.6 10.9 16.3

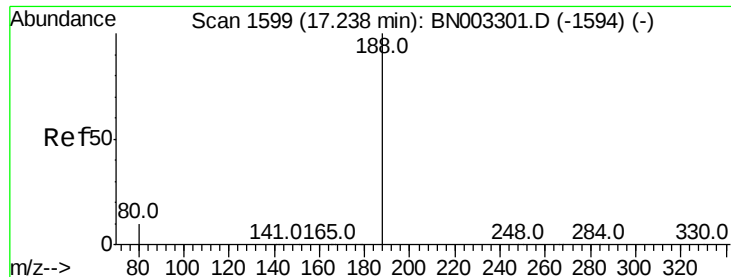


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

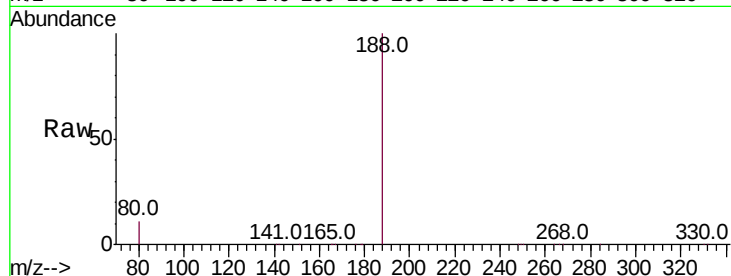
Tot Ion:188 Resp: 78683

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

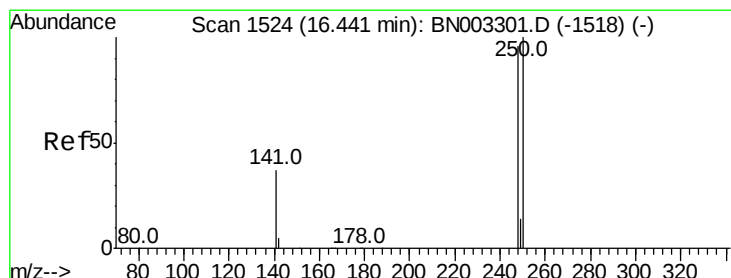
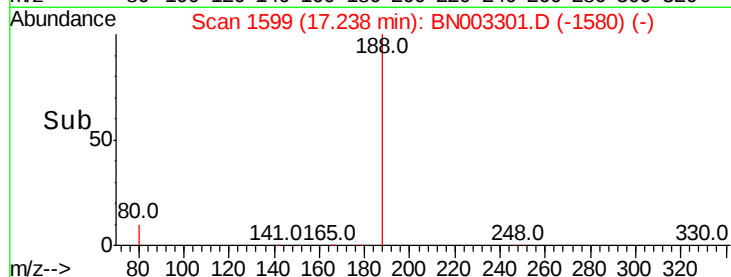
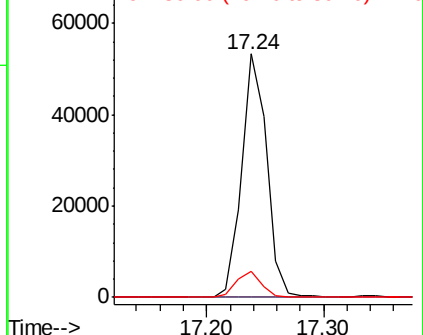
80 10.7 8.6 12.8



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: 0.360 ng

RT: 16.44 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

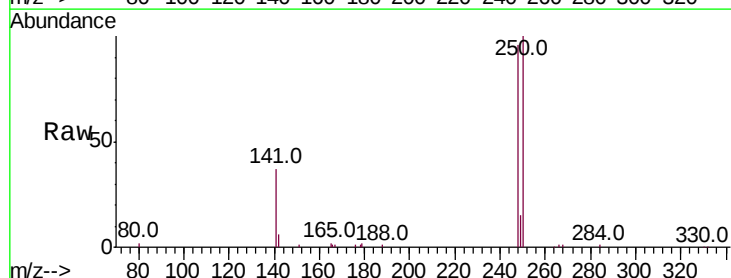
Tgt Ion:248 Resp: 17323

Ion Ratio Lower Upper

248 100

250 104.6 83.7 125.5

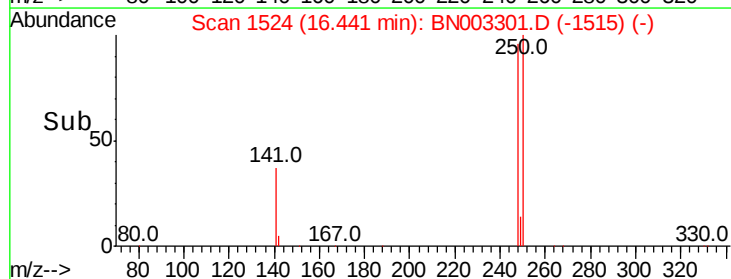
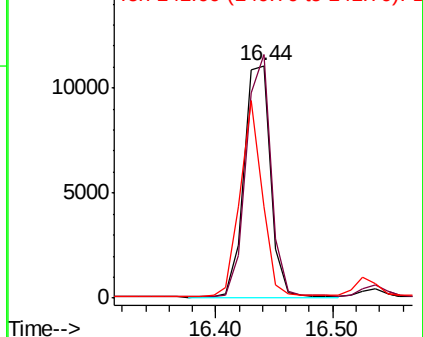
141 39.2 31.4 47.0

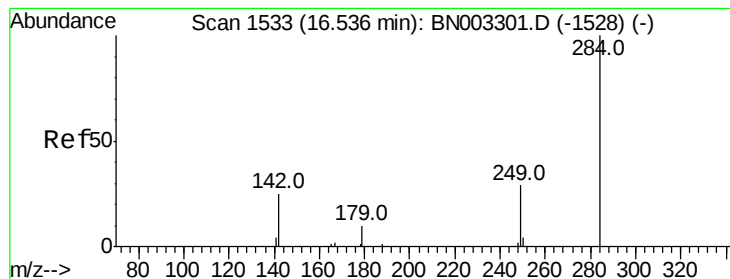


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.363 ng

RT: 16.54 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

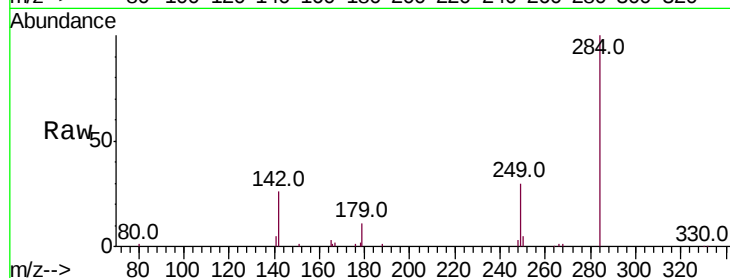
Tot Ion:284 Resp: 18578

Ion Ratio Lower Upper

284 100

142 37.1 29.7 44.5

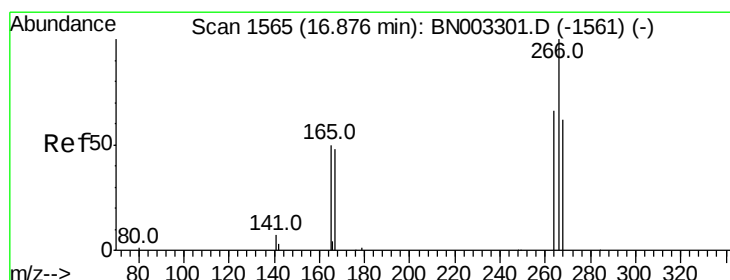
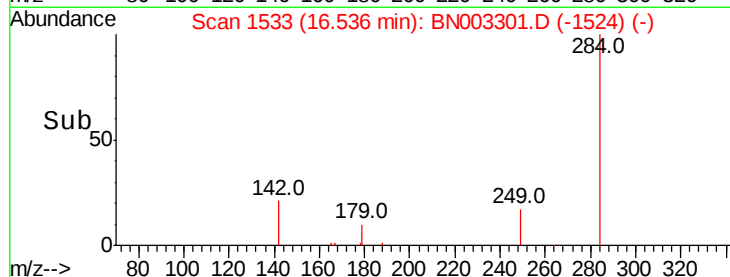
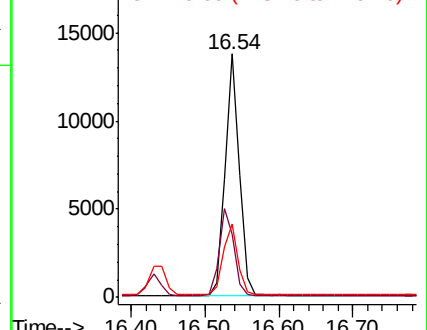
249 30.0 24.0 36.0



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: 0.730 ng

RT: 16.88 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

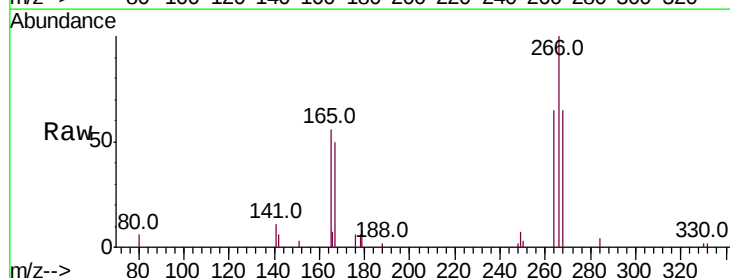
Tgt Ion:266 Resp: 4807

Ion Ratio Lower Upper

266 100

264 65.1 52.1 78.1

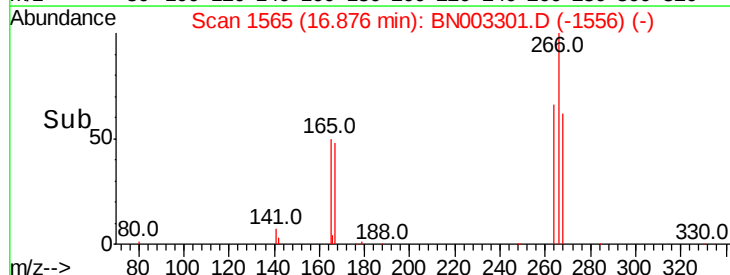
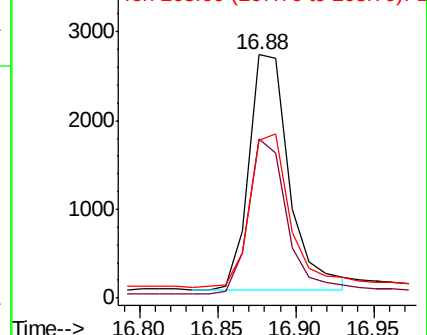
268 64.7 51.8 77.6

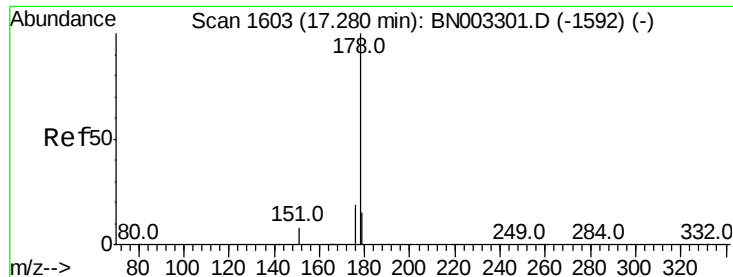


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.28 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

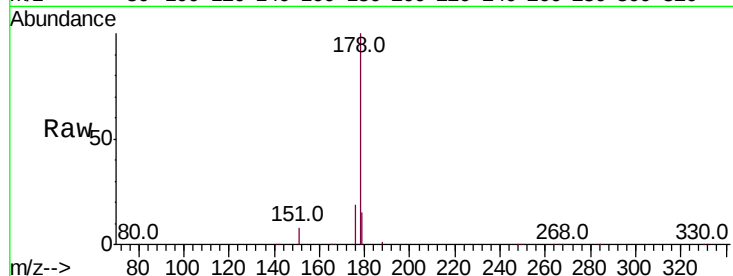
Tot Ion:178 Resp: 82312

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

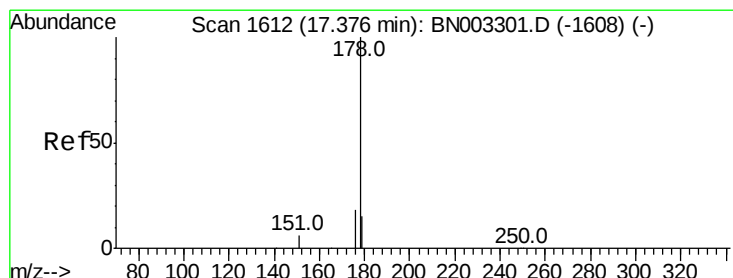
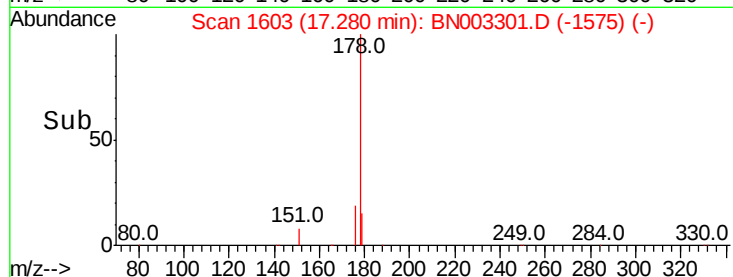
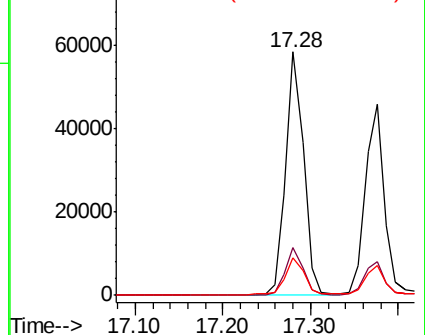
179 15.5 12.4 18.6



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: 0.376 ng

RT: 17.38 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

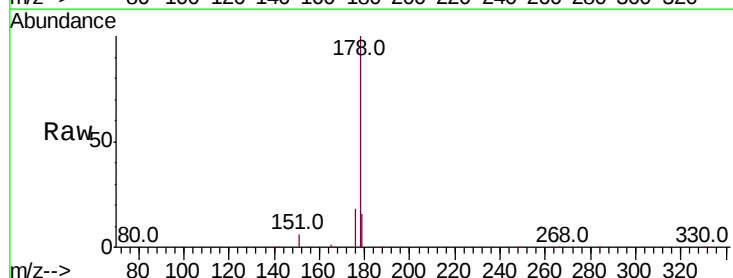
Tgt Ion:178 Resp: 69629

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

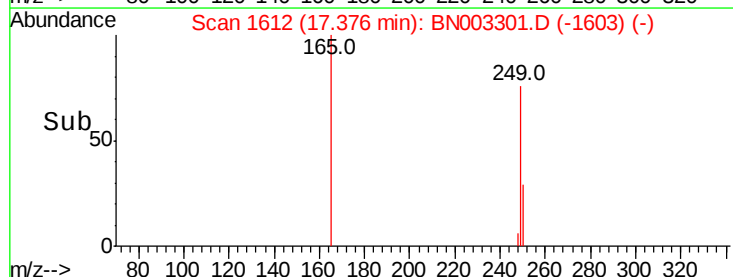
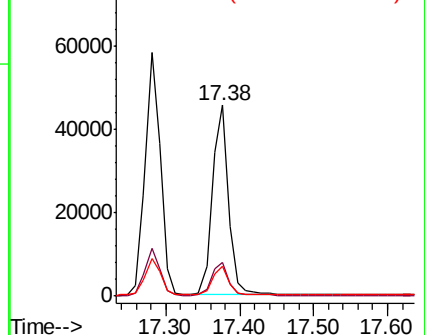
179 15.3 12.2 18.4

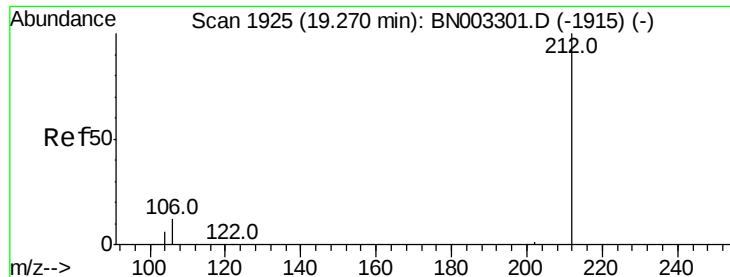


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.27 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

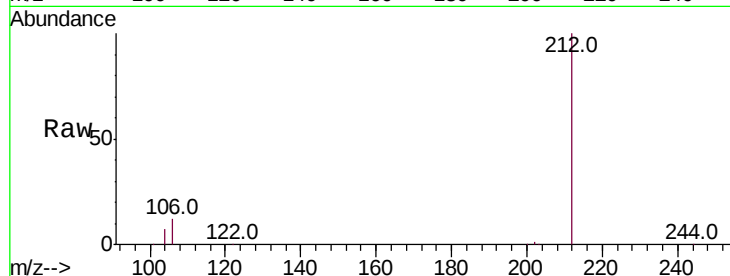
Tot Ion:212 Resp: 86521

Ion Ratio Lower Upper

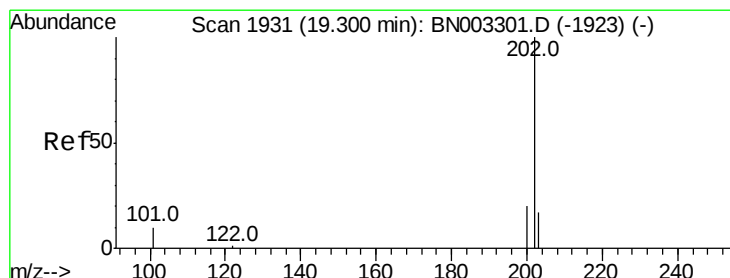
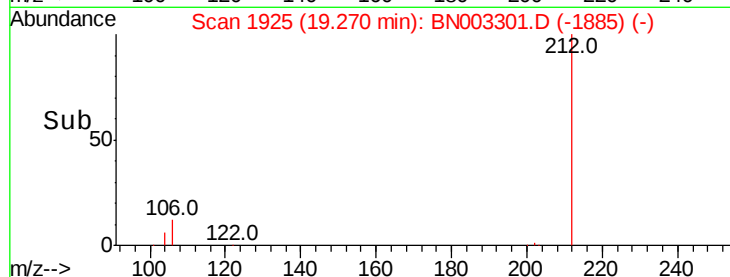
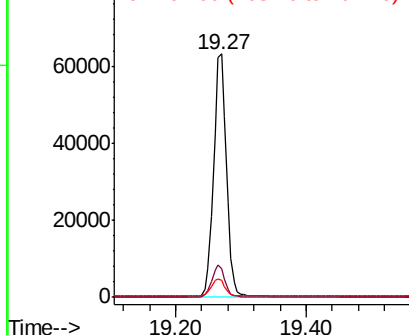
212 100

106 12.9 10.3 15.5

104 7.0 5.6 8.4



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: 0.368 ng

RT: 19.30 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

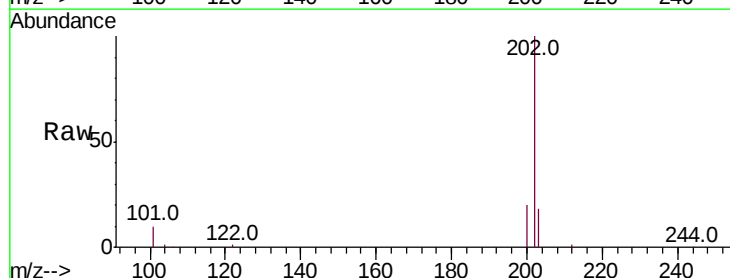
Tgt Ion:202 Resp: 93953

Ion Ratio Lower Upper

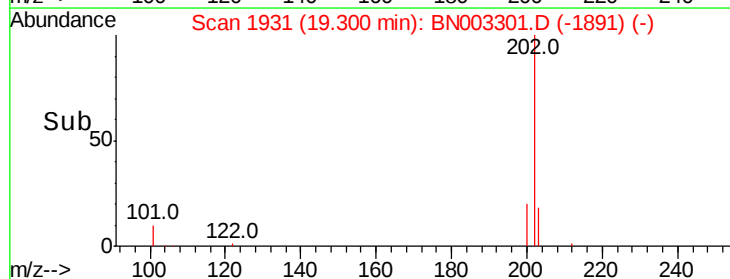
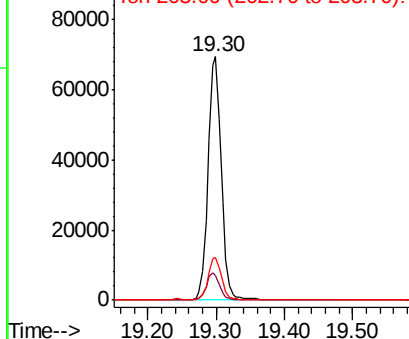
202 100

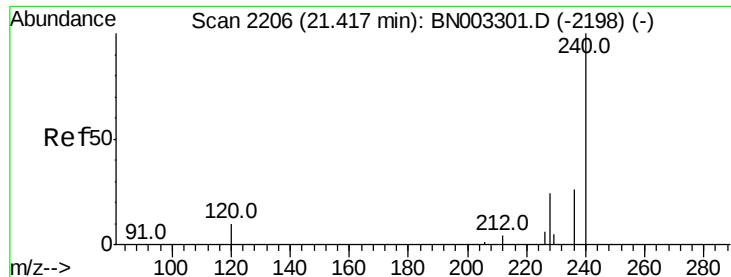
101 11.2 9.0 13.4

203 17.2 13.8 20.6



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: 21.42 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

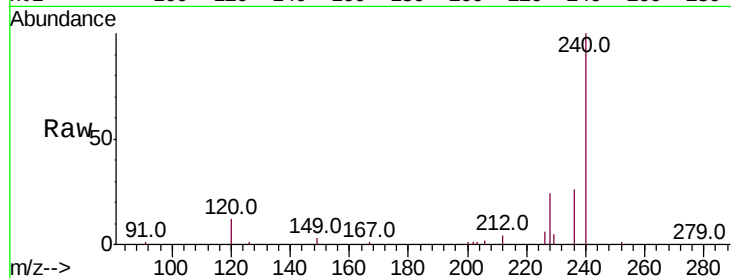
Tot Ion:240 Resp: 92217

Ion Ratio Lower Upper

240 100

120 11.6 9.3 13.9

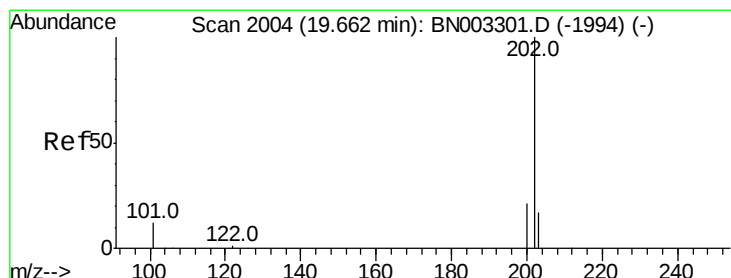
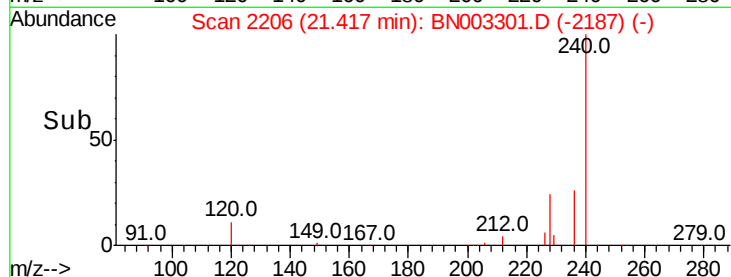
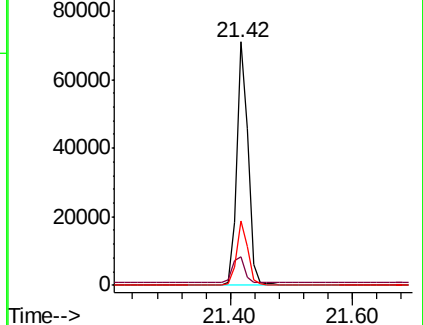
236 26.2 21.0 31.4



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: 0.360 ng

RT: 19.66 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

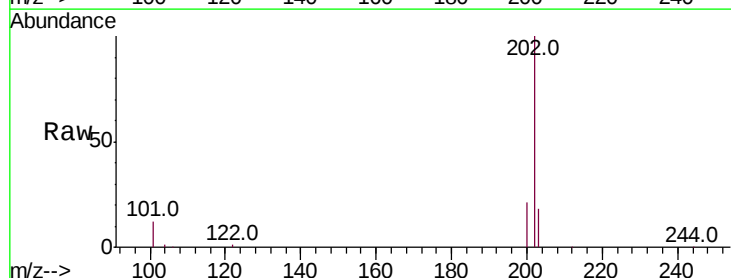
Tgt Ion:202 Resp: 95725

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

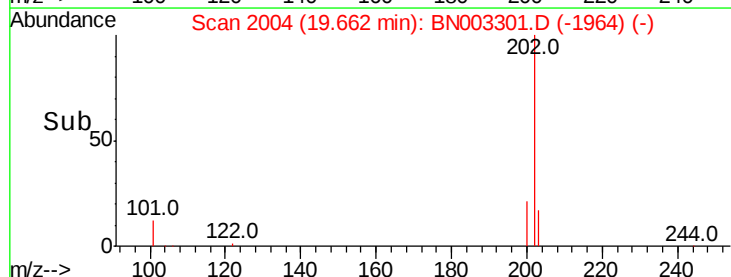
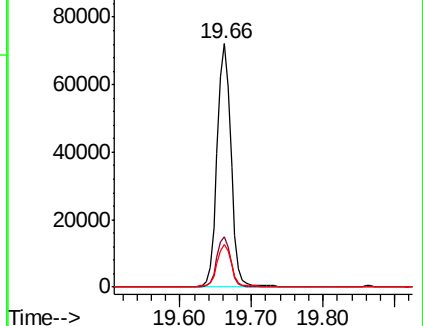
203 17.4 13.9 20.9

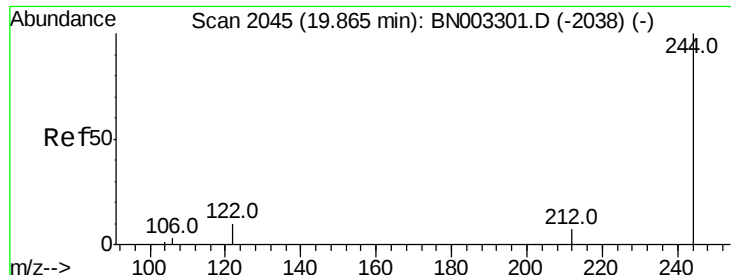


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.364 ng

RT: 19.87 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

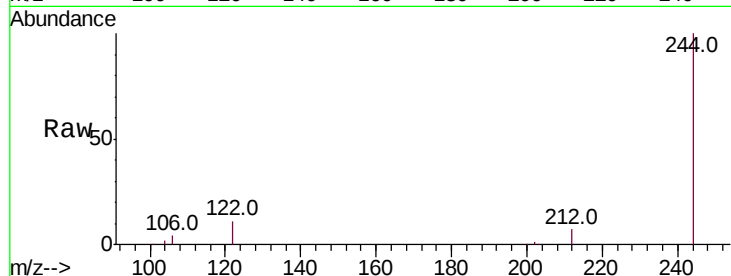
Tot Ion:244 Resp: 78580

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

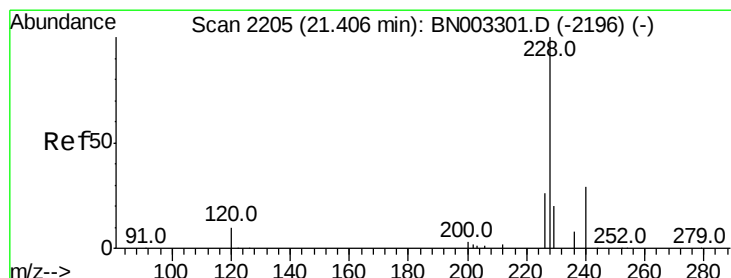
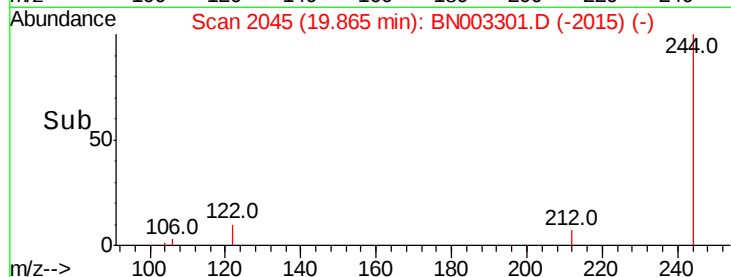
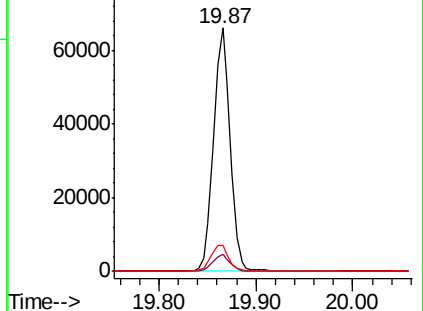
122 10.6 8.5 12.7



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: 0.398 ng

RT: 21.41 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

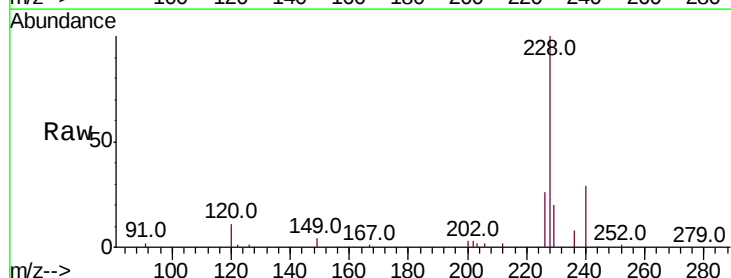
Tgt Ion:228 Resp: 86717

Ion Ratio Lower Upper

228 100

226 26.0 20.8 31.2

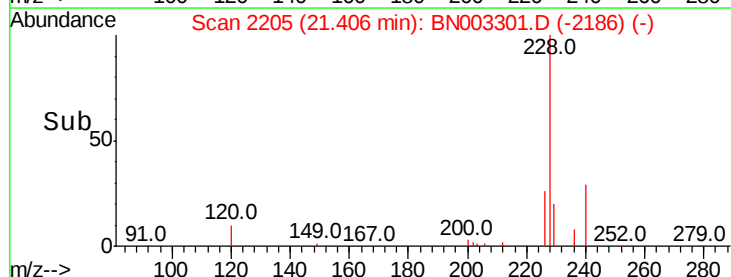
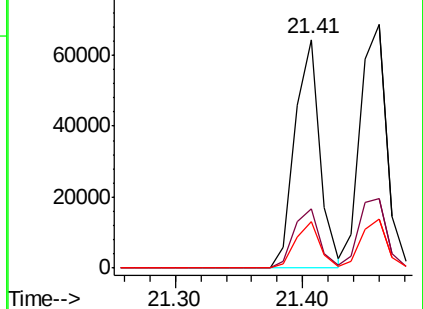
229 20.1 16.1 24.1

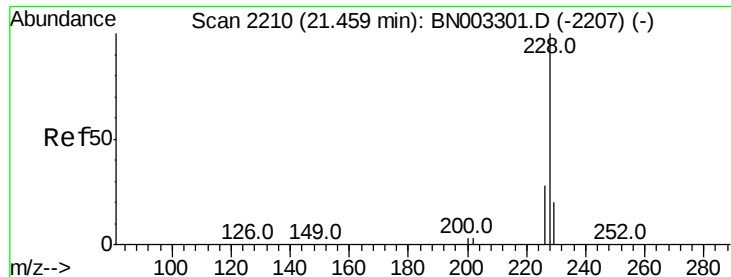


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.321 ng

RT: 21.46 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

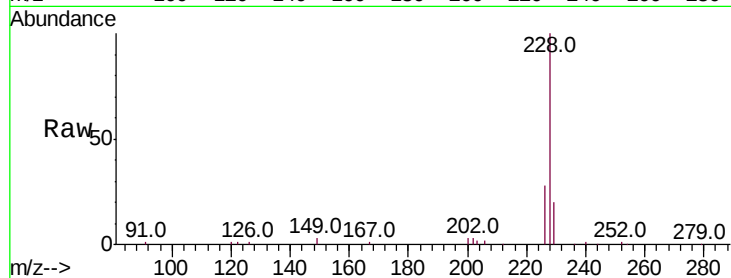
BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 98004

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.0	16.0	24.0

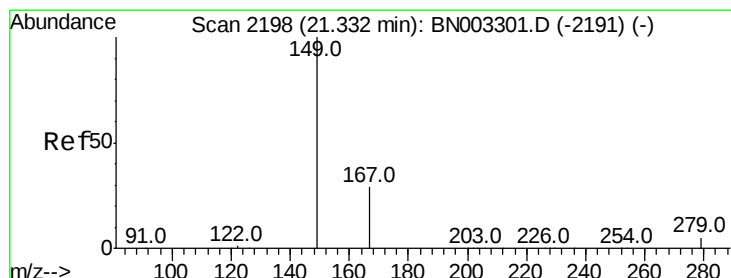
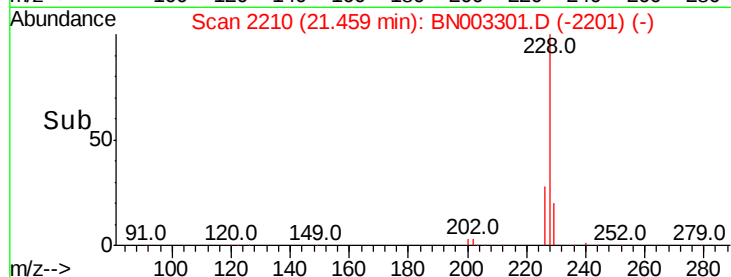
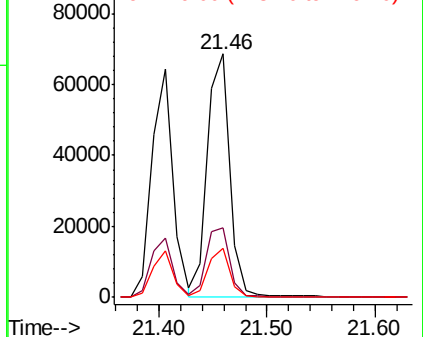


Abundance

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: 0.188 ng

RT: 21.33 min Scan# 2198

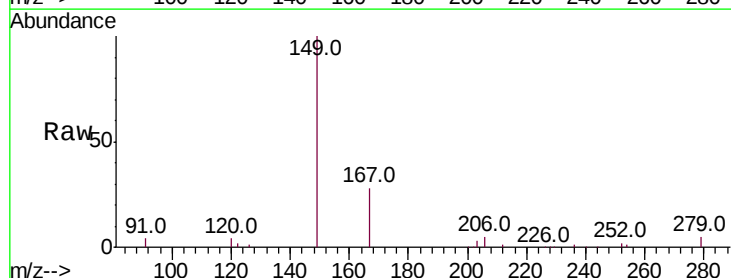
Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Tgt Ion:149 Resp: 25086

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	4.9	3.9	5.9

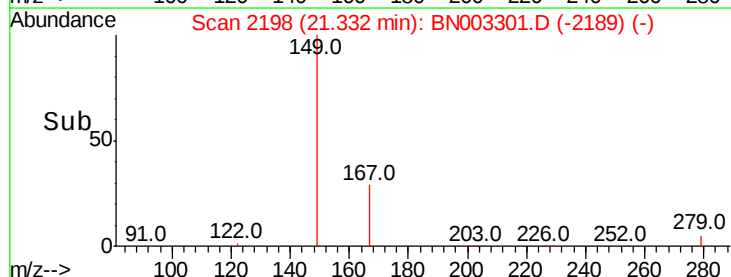
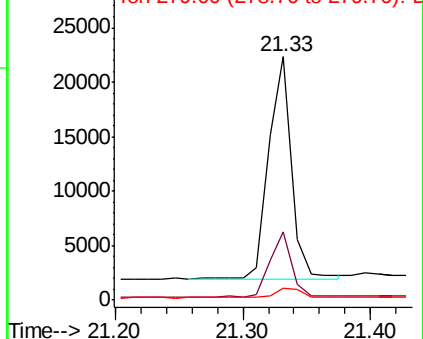


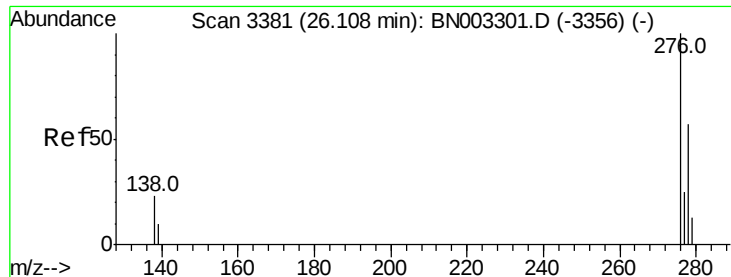
Abundance

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

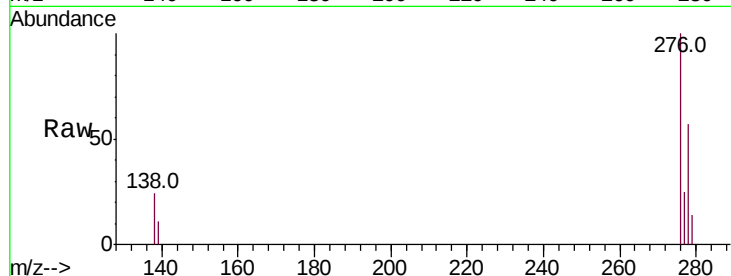




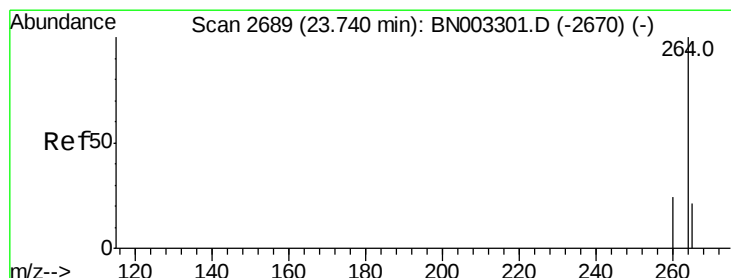
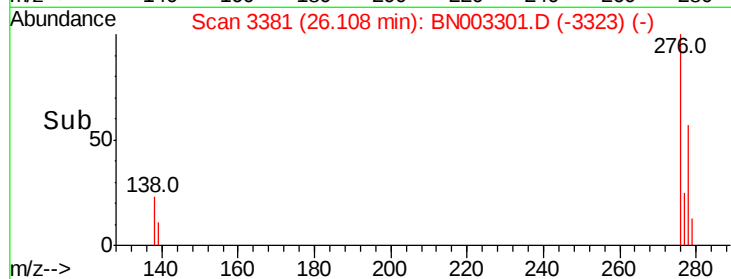
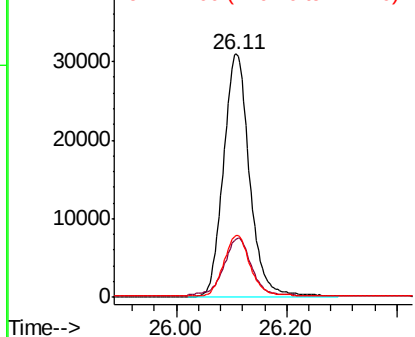
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.389 ng
 RT: 26.11 min Scan# 3381
 Delta R.T. 0.00 min
 Lab File: BN003301.D
 Acq: 26 Oct 2018 13:00

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Tot Ion:276 Resp: 101739
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.6 30.8
 277 25.0 20.0 30.0

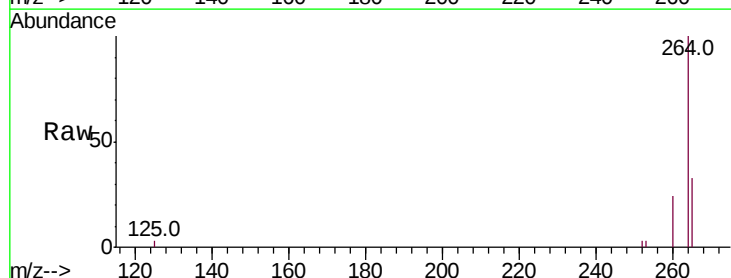


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

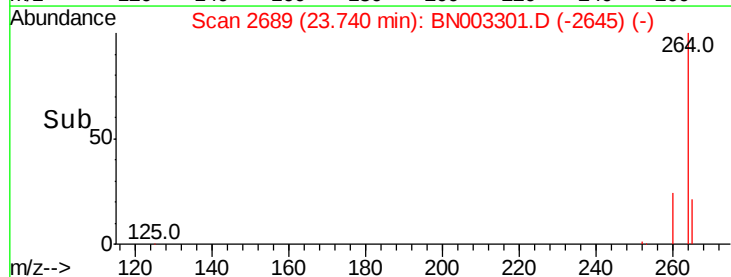
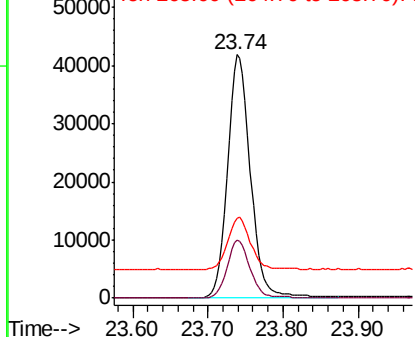


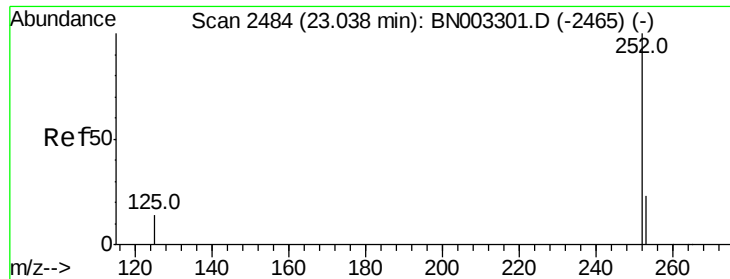
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: BN003301.D
 Acq: 26 Oct 2018 13:00

Tgt Ion:264 Resp: 86026
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 33.0 26.4 39.6



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: 0.432 ng

RT: 23.04 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

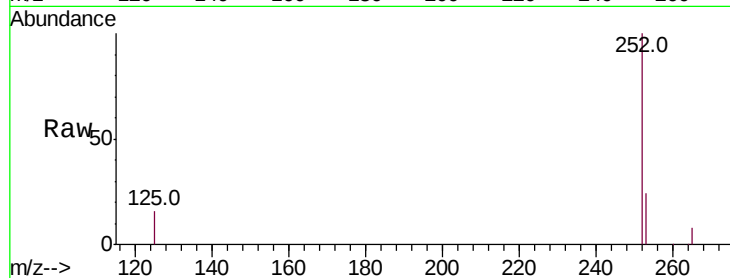
Tot Ion:252 Resp: 99743

Ion Ratio Lower Upper

252 100

253 24.1 19.3 28.9

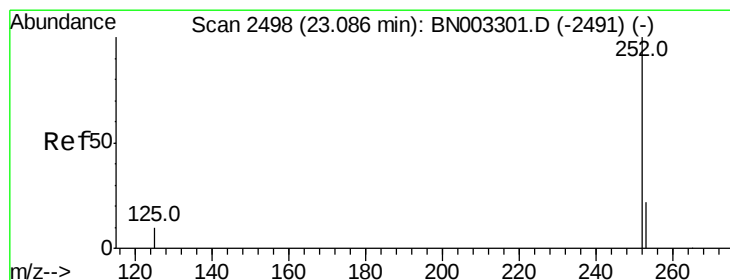
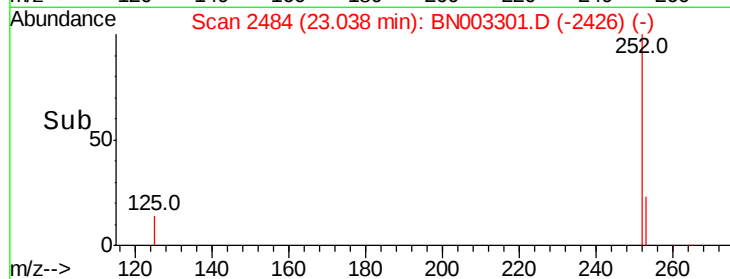
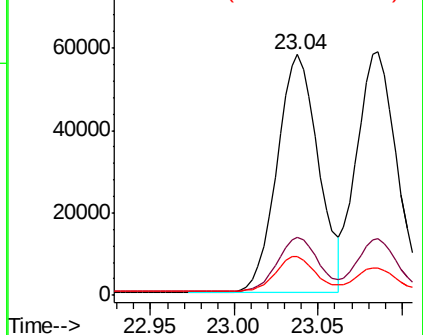
125 15.9 12.7 19.1



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: 0.353 ng

RT: 23.09 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

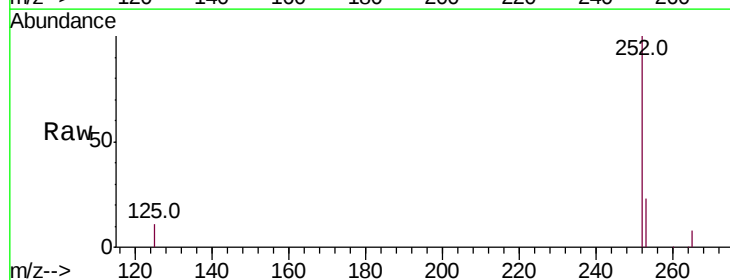
Tgt Ion:252 Resp: 99035

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

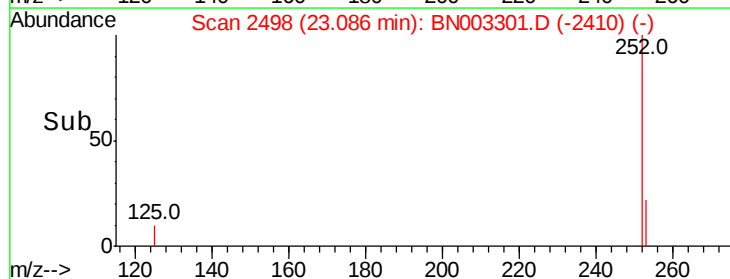
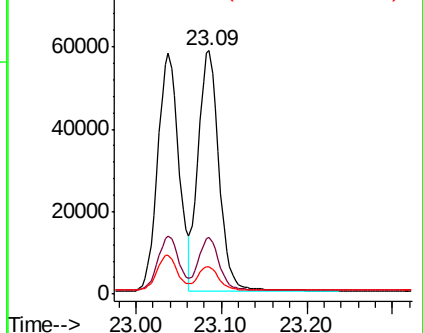
125 11.4 9.1 13.7

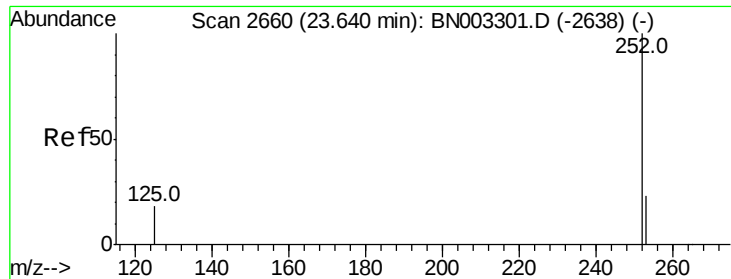


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.382 ng

RT: 23.64 min Scan# 2660

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

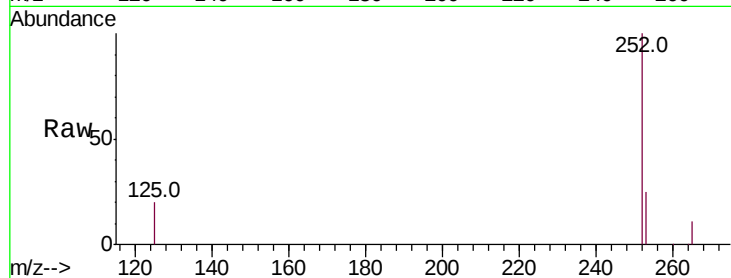
Tot Ion:252 Resp: 92395

Ion Ratio Lower Upper

252 100

253 25.1 20.1 30.1

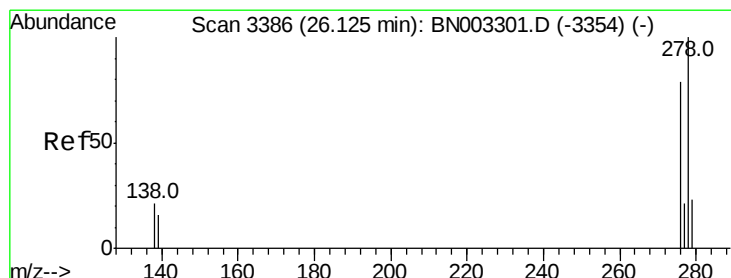
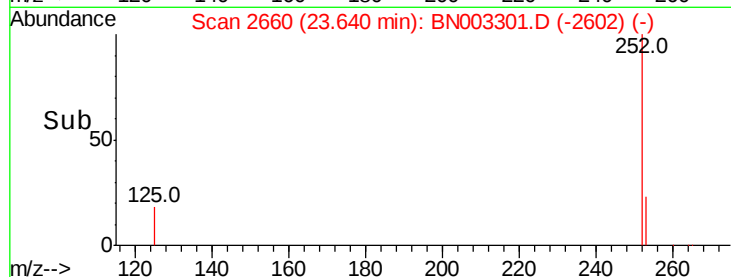
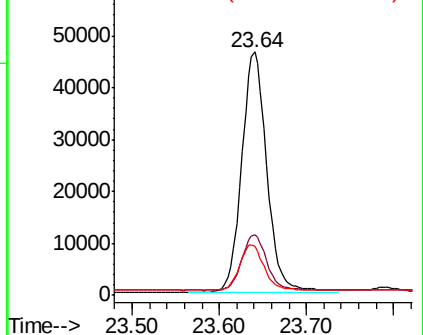
125 20.0 16.0 24.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.393 ng

RT: 26.13 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

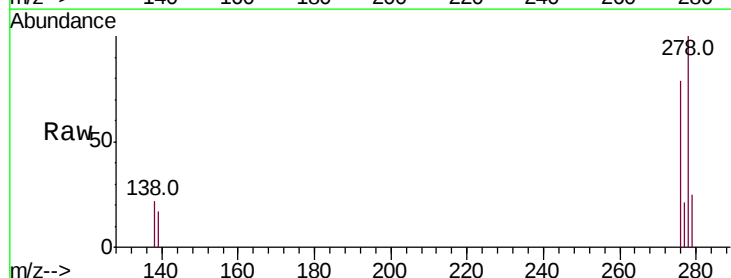
Tgt Ion:278 Resp: 82812

Ion Ratio Lower Upper

278 100

139 16.9 13.5 20.3

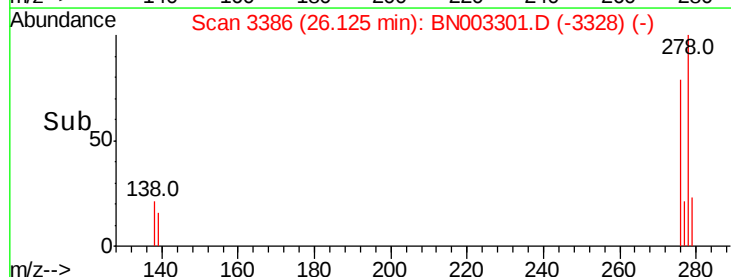
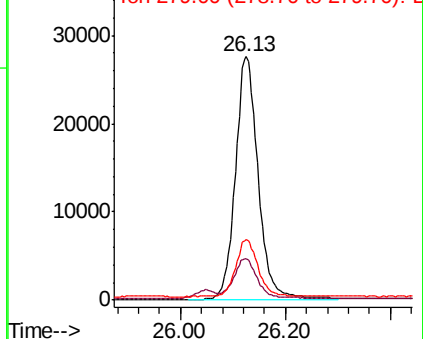
279 24.7 19.8 29.6

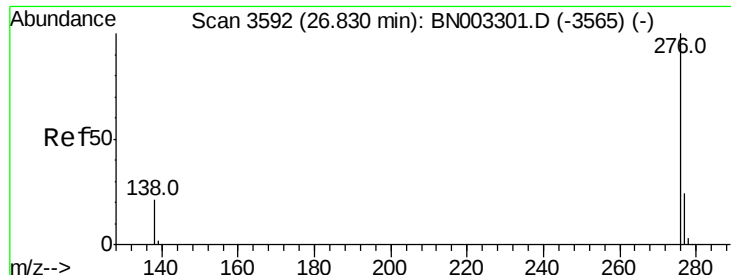


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.383 ng

RT: 26.83 min Scan# 3592

Delta R.T. 0.00 min

Lab File: BN003301.D

Acq: 26 Oct 2018 13:00

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

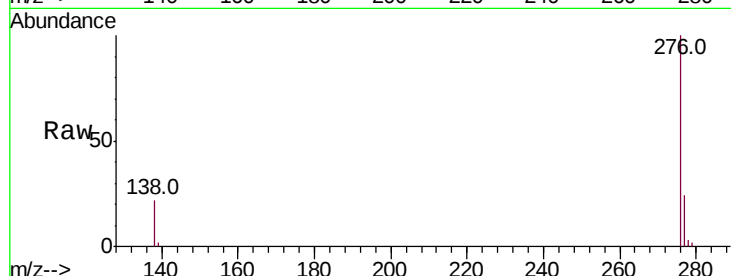
Tot Ion:276 Resp: 82437

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 21.8 17.4 26.2



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

