

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
 Data File : BN003327.D
 Acq On : 27 Oct 2018 04:21
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 27 05:50:22 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 15:17:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	13921	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	58909	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	35510	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	88073	0.40	ng	0.00
27) Chrysene-d12	21.42	240	113371	0.40	ng	0.00
34) Perylene-d12	23.73	264	114327	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	13681	0.40	ng	0.00
5) Phenol-d6	7.01	99	17232	0.40	ng	0.00
8) Nitrobenzene-d5	9.02	82	12416	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	35528	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	5337	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	53656	0.35	ng	-0.01
25) Fluoranthene-d10	19.26	212	99086	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	89317	0.34	ng	0.00

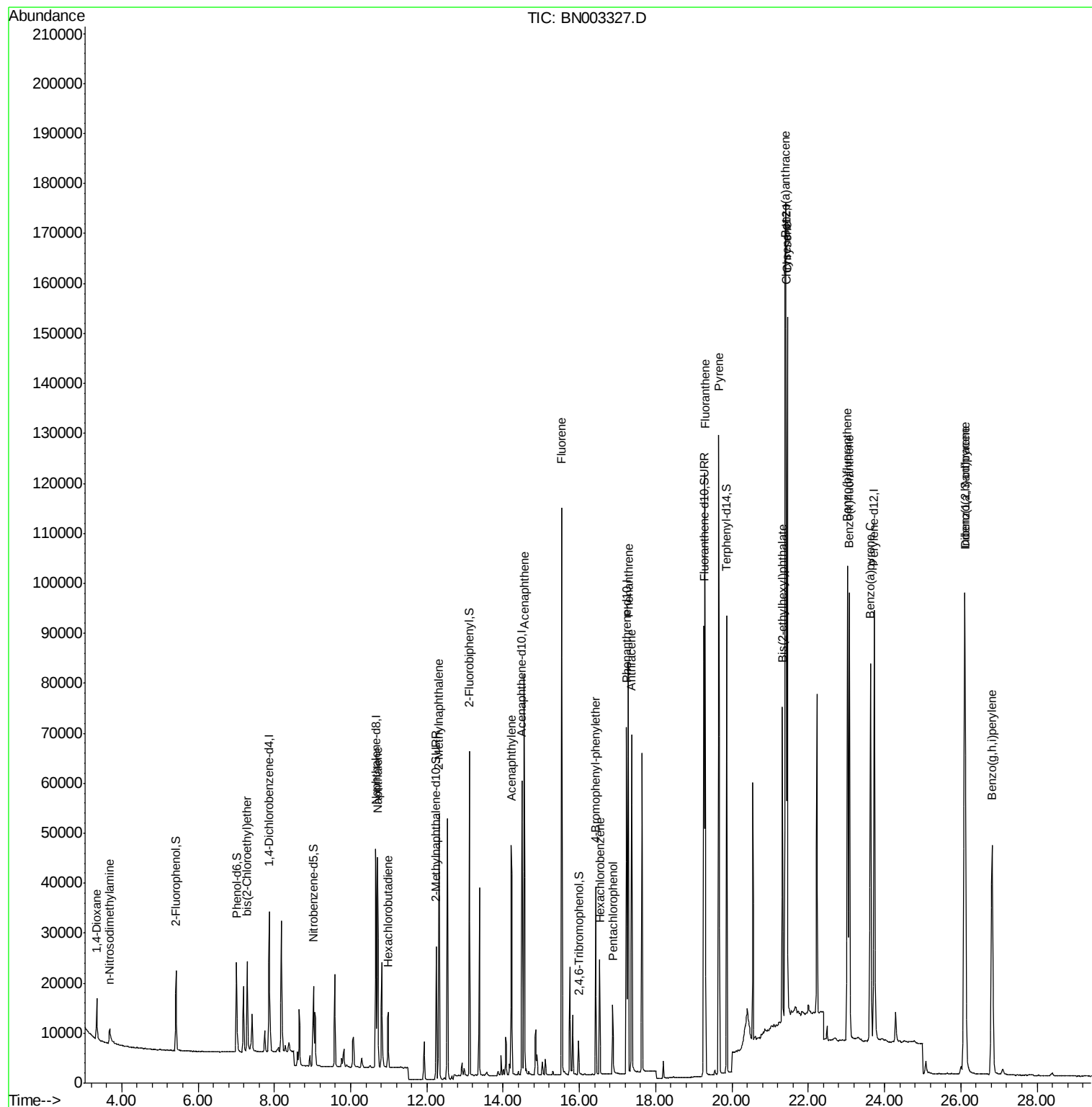
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	6278	0.348	ng	98
3) n-Nitrosodimethylamine	3.68	42	3133	0.378	ng	# 87
6) bis(2-Chloroethyl)ether	7.29	93	14968	0.385	ng	99
9) Naphthalene	10.71	128	53457	0.371	ng	99
10) Hexachlorobutadiene	10.99	225	9754	0.371	ng	# 99
12) 2-Methylnaphthalene	12.32	142	37179	0.369	ng	98
16) Acenaphthylene	14.21	152	55146	0.348	ng	100
17) Acenaphthene	14.56	154	39427	0.359	ng	99
18) Fluorene	15.54	166	48569	0.354	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	17998	0.353	ng	# 89
21) Hexachlorobenzene	16.54	284	18914	0.352	ng	99
22) Pentachlorophenol	16.88	266	6583	0.452	ng	99
23) Phenanthrene	17.28	178	85277	0.353	ng	100
24) Anthracene	17.37	178	74478	0.359	ng	100
26) Fluoranthene	19.29	202	105370	0.380	ng	100
28) Pyrene	19.66	202	111625	0.356	ng	100
30) Benzo(a)anthracene	21.40	228	116401	0.392	ng	98
31) Chrysene	21.45	228	113665	0.355	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	50892	0.579	ng	98
33) Indeno(1,2,3-cd)pyrene	26.10	276	123700	0.373	ng	99
35) Benzo(b)fluoranthene	23.03	252	119502	0.339	ng	98
36) Benzo(k)fluoranthene	23.08	252	118141	0.334	ng	98
37) Benzo(a)pyrene	23.63	252	112170	0.346	ng	95
38) Dibenzo(a,h)anthracene	26.11	278	102590	0.339	ng	98
39) Benzo(g,h,i)perylene	26.82	276	101550	0.336	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: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

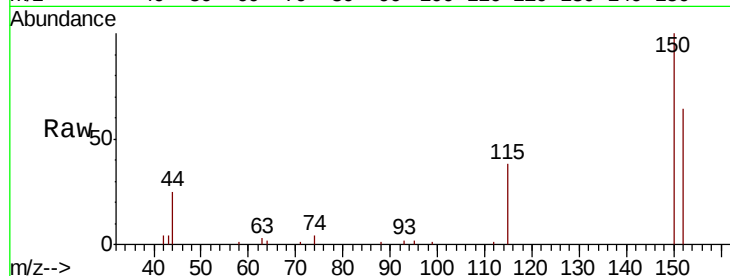
Tgt Ion: 152 Resp: 13921

Ion Ratio Lower Upper

152 100

150 157.3 124.6 187.0

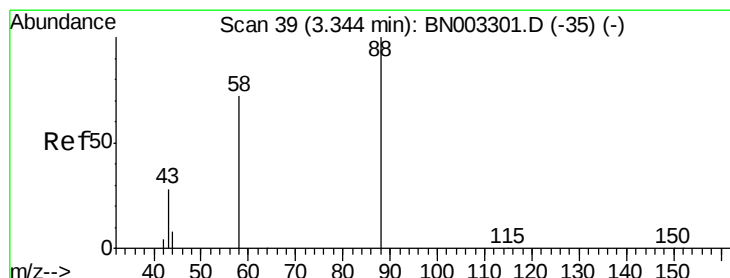
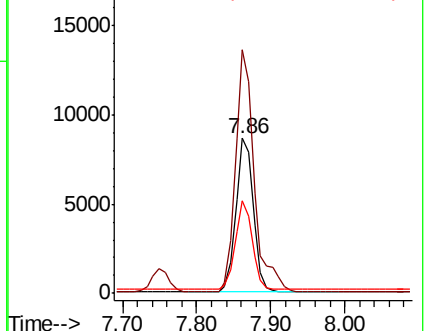
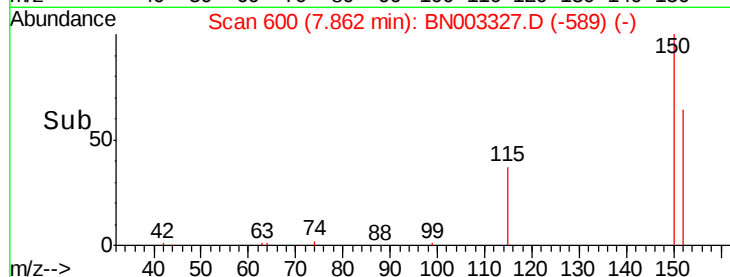
115 59.7 46.4 69.6



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: 0.348 ng

RT: 3.34 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

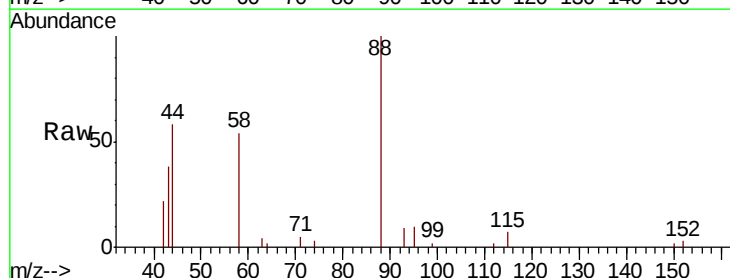
Tgt Ion: 88 Resp: 6278

Ion Ratio Lower Upper

88 100

58 74.1 60.9 91.3

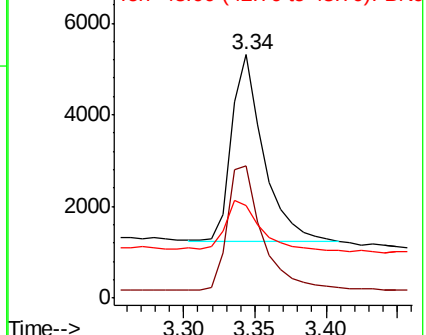
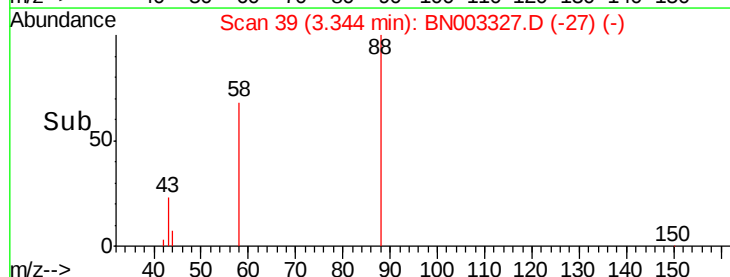
43 29.5 23.9 35.9

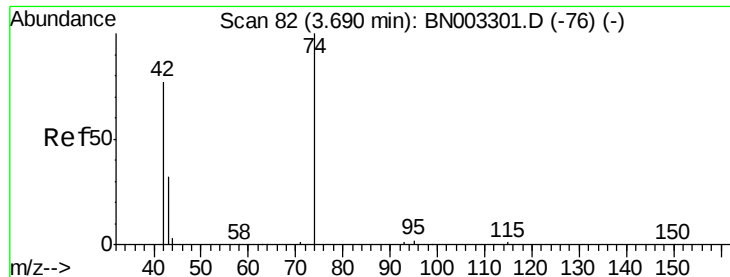


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.378 ng

RT: 3.68 min Scan# 81

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

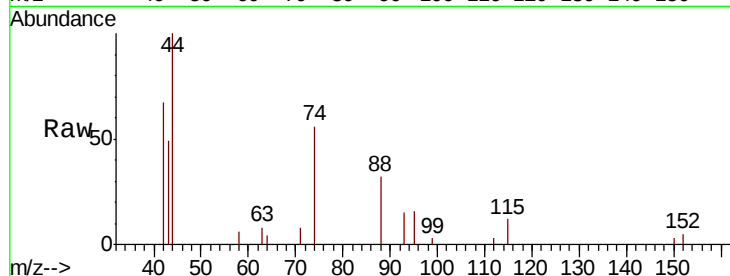
Tgt Ion: 42 Resp: 3133

Ion Ratio Lower Upper

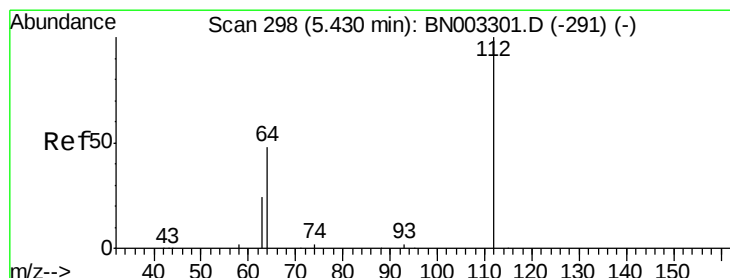
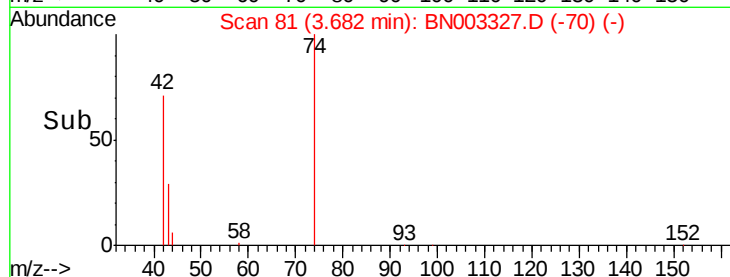
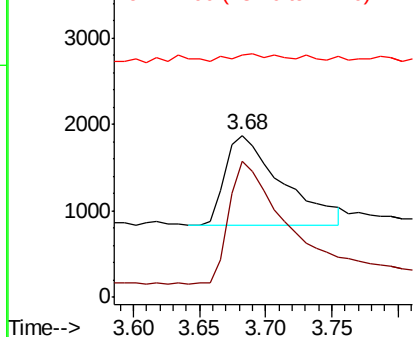
42 100

74 138.6 99.1 148.7

44 6.6 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: 0.397 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

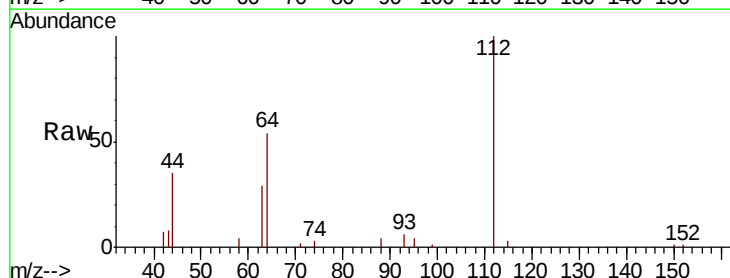
Tgt Ion: 112 Resp: 13681

Ion Ratio Lower Upper

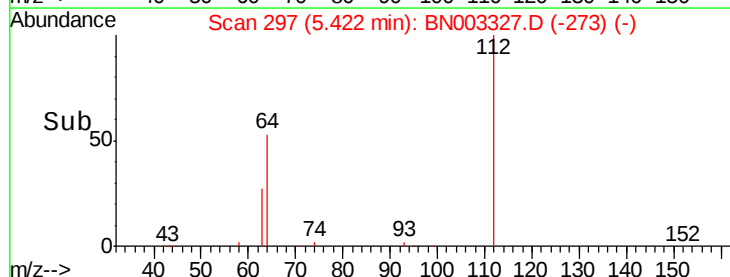
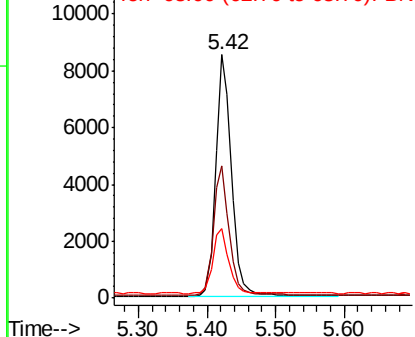
112 100

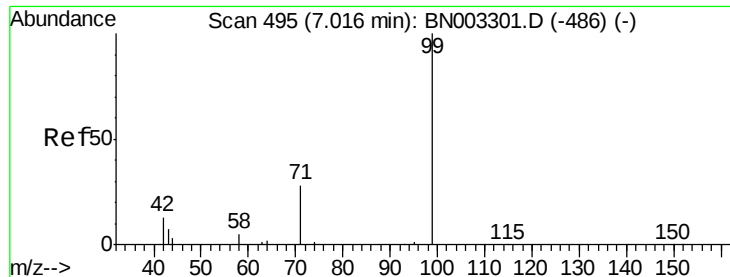
64 53.6 44.3 66.5

63 27.1 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.396 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

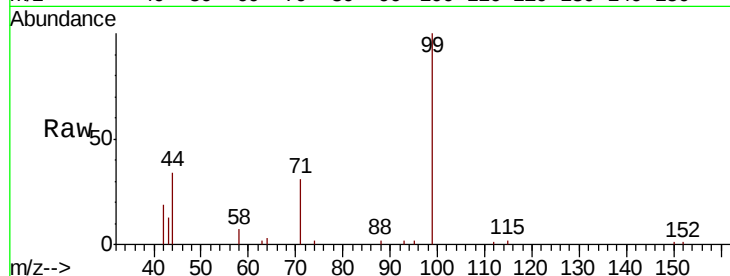
Tgt Ion: 99 Resp: 17232

Ion Ratio Lower Upper

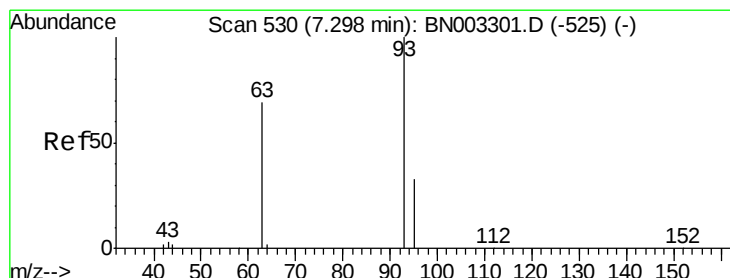
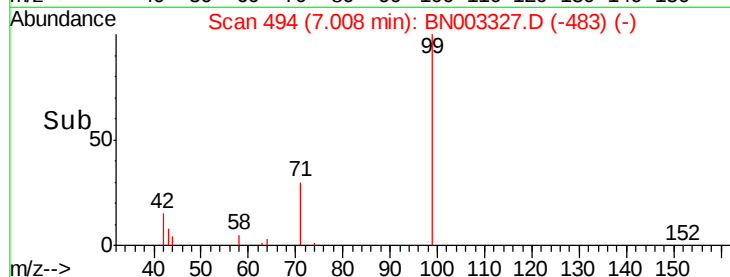
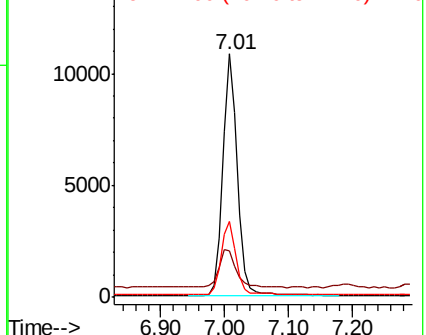
99 100

42 17.6 14.8 22.2

71 30.1 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: 0.385 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

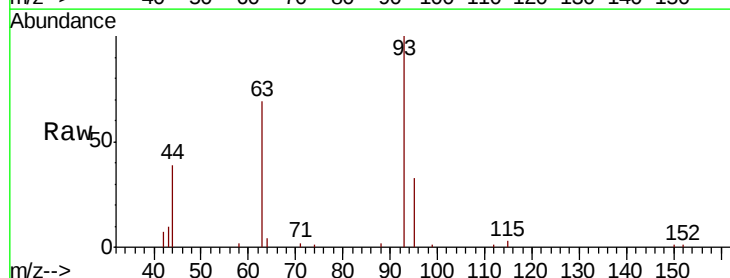
Tgt Ion: 93 Resp: 14968

Ion Ratio Lower Upper

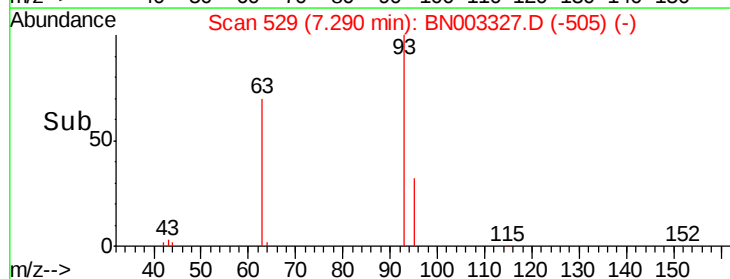
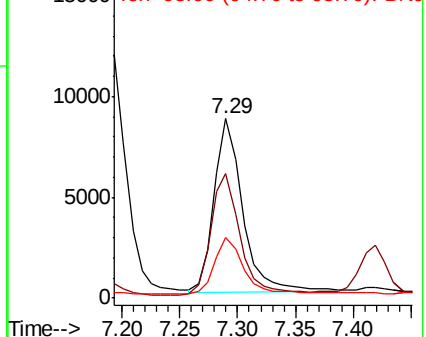
93 100

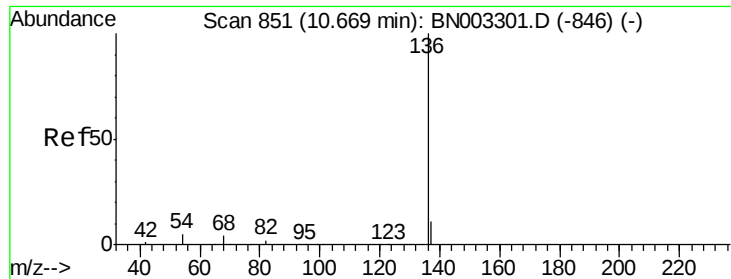
63 70.7 55.8 83.6

95 31.6 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: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 58909

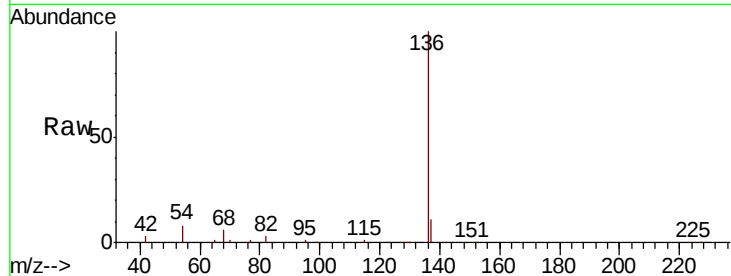
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.1 4.1 6.1#

68 6.5 3.5 5.3#

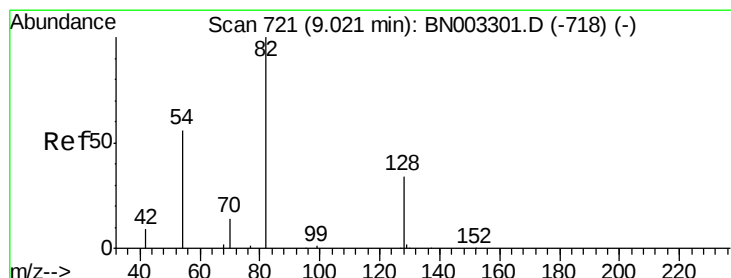
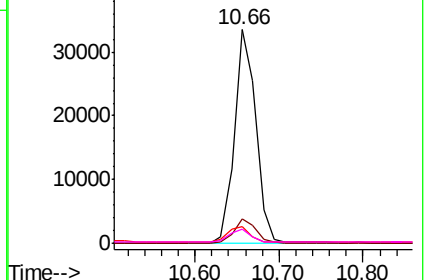
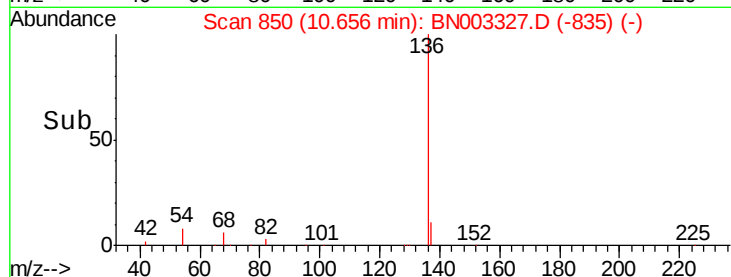


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.481 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

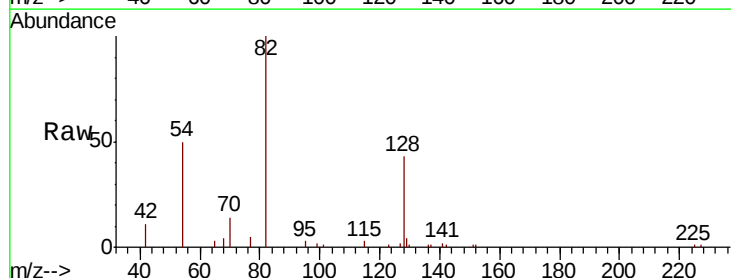
Tgt Ion: 82 Resp: 12416

Ion Ratio Lower Upper

82 100

128 43.2 28.9 43.3

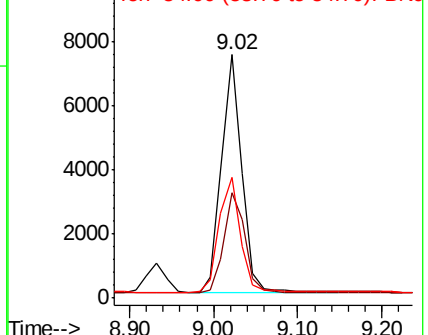
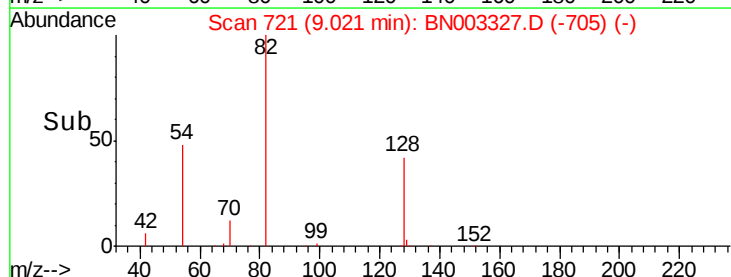
54 49.7 46.1 69.1

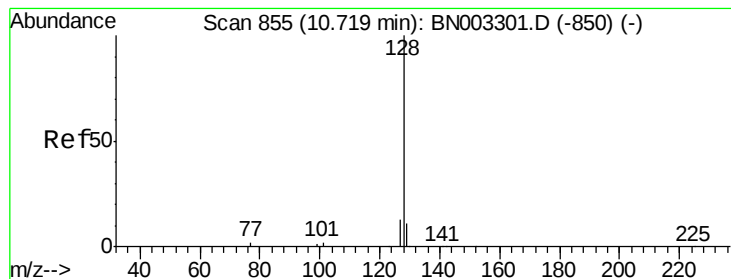


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.371 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

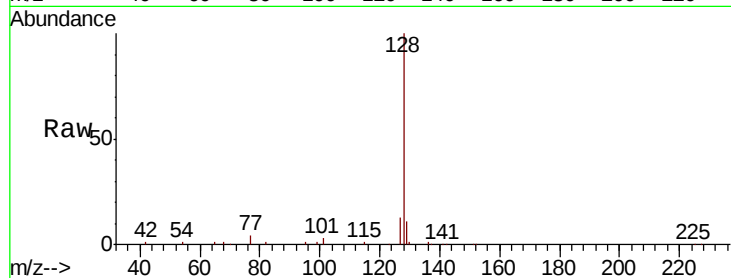
Tgt Ion:128 Resp: 53457

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

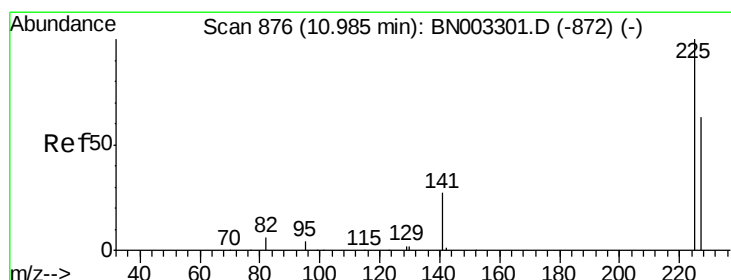
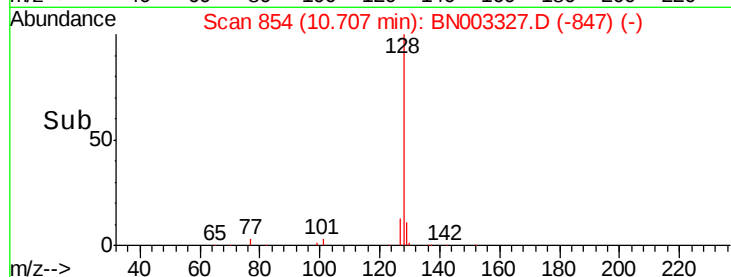
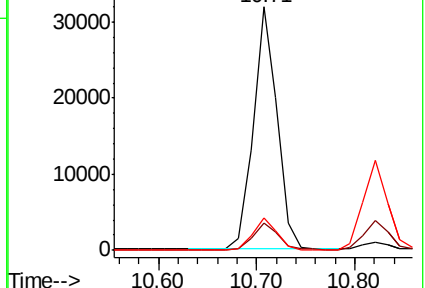
127 13.2 10.2 15.4



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: 0.371 ng

RT: 10.99 min Scan# 876

Delta R.T. 0.00 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

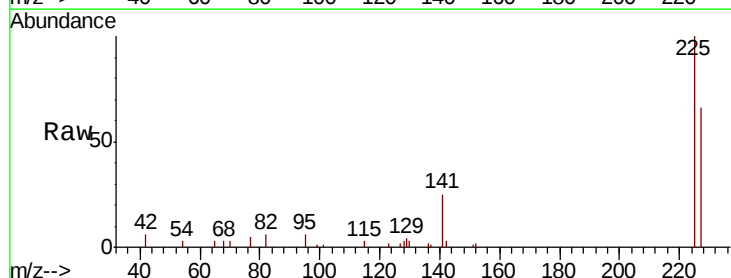
Tgt Ion:225 Resp: 9754

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

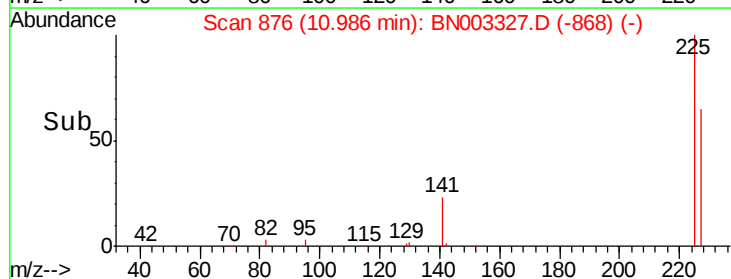
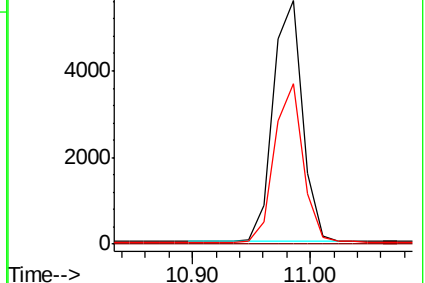
227 63.4 51.3 76.9

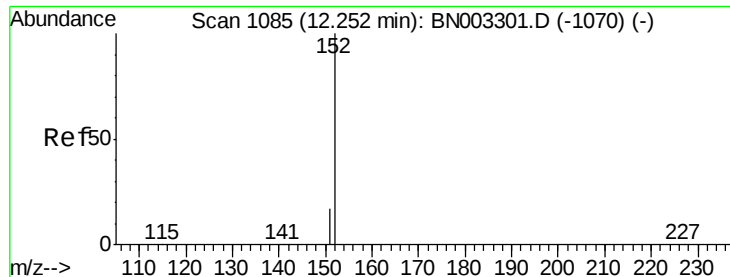


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

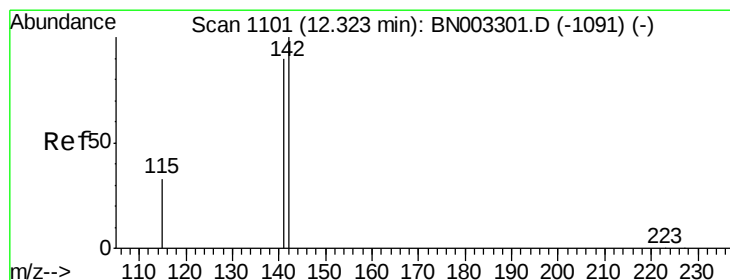
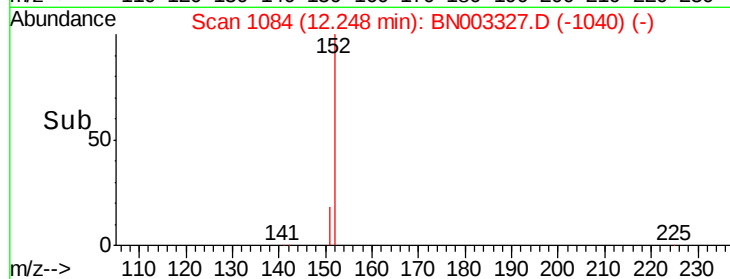
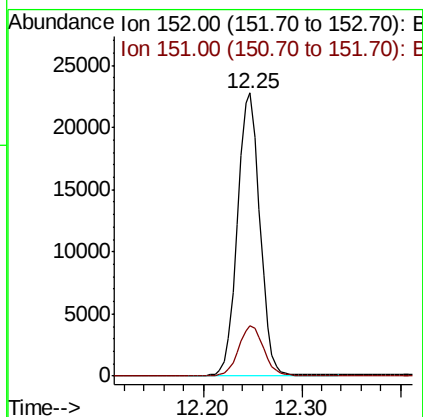
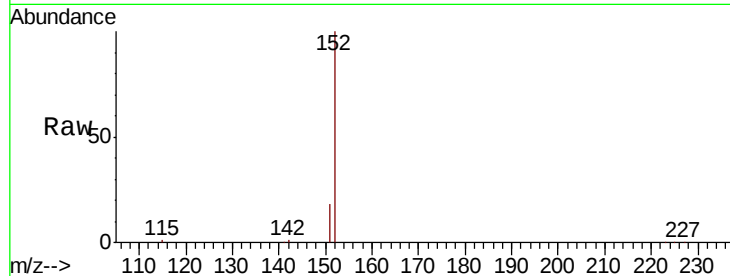




#11
 2-Methylnaphthalene-d10
 Concen: 0.370 ng
 RT: 12.25 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BN003327.D
 Acq: 27 Oct 2018 04:21

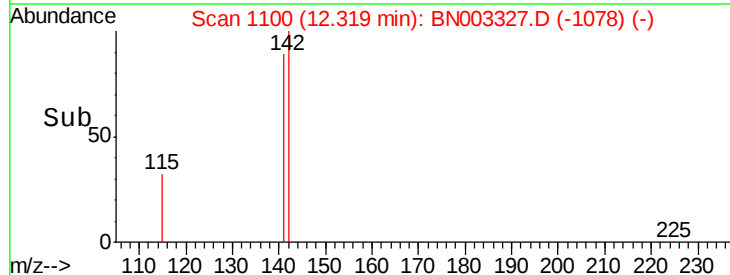
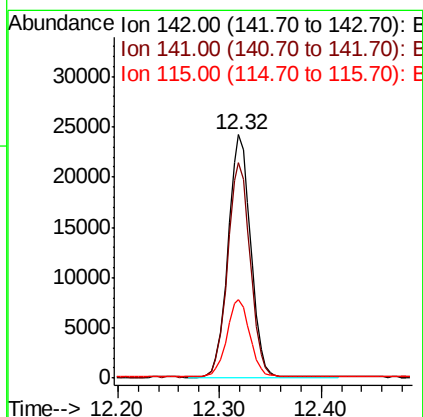
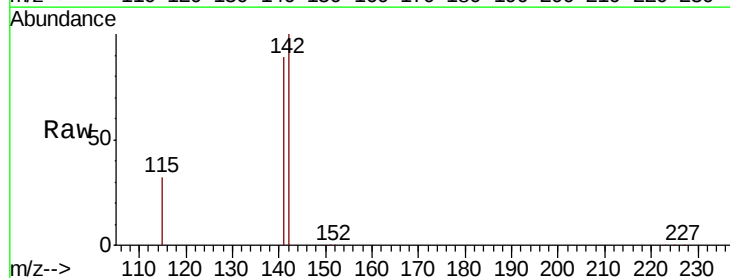
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

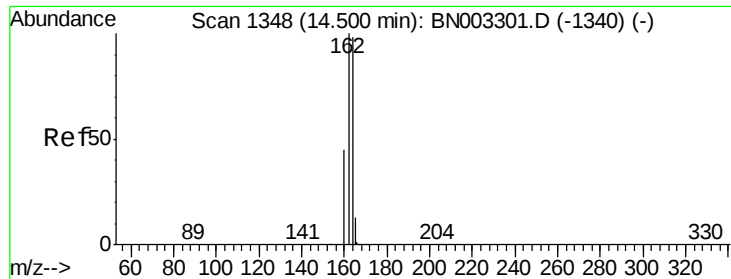
Tgt Ion:152 Resp: 35528
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.369 ng
 RT: 12.32 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BN003327.D
 Acq: 27 Oct 2018 04:21

Tgt Ion:142 Resp: 37179
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.9 107.9
 115 32.2 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

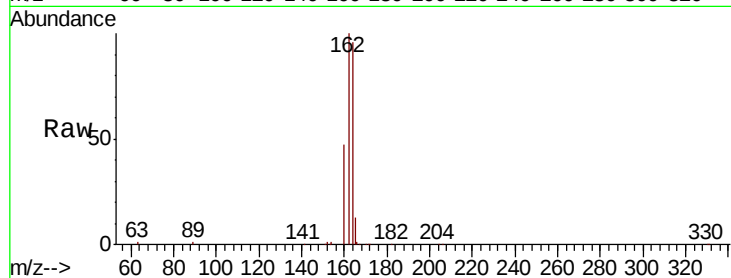
Tgt Ion:164 Resp: 35510

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.6

160 48.7 37.2 55.8

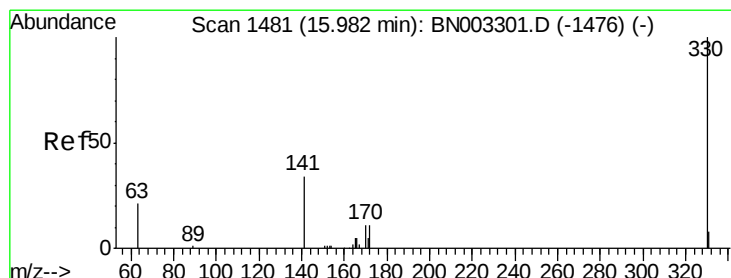
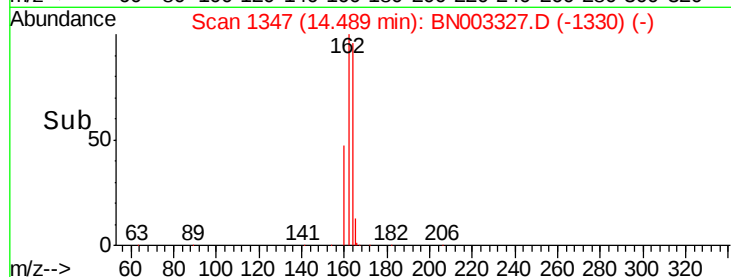
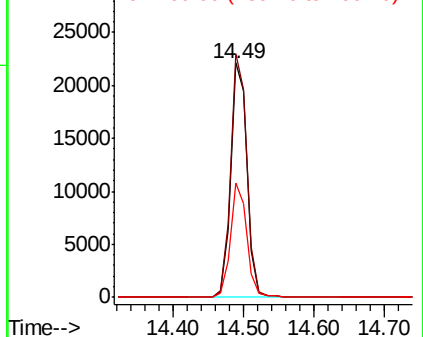


Abundance

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: 0.378 ng

RT: 15.98 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

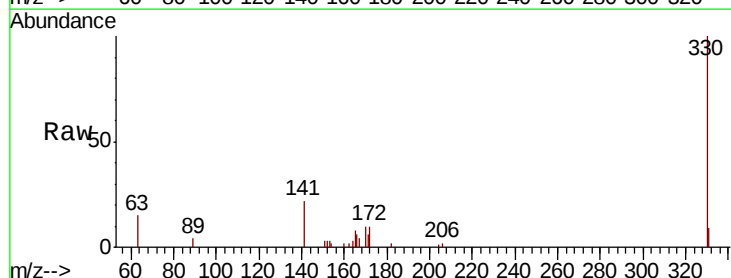
Tgt Ion:330 Resp: 5337

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.7 28.3 42.5

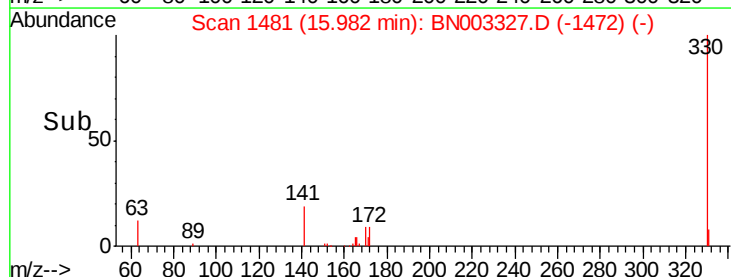
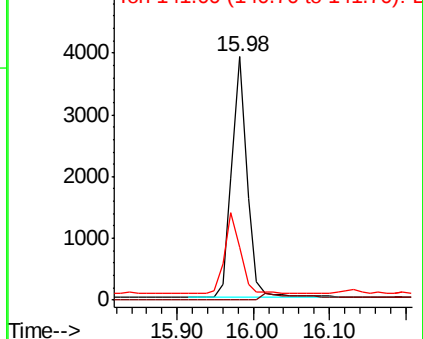


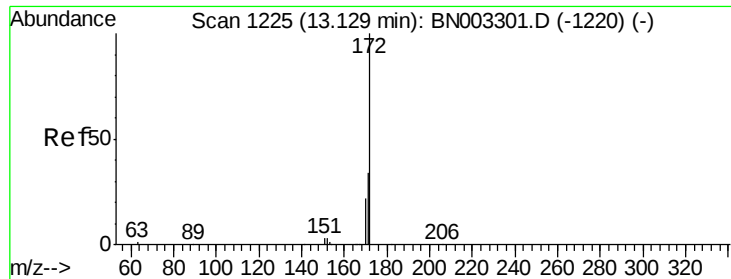
Abundance

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

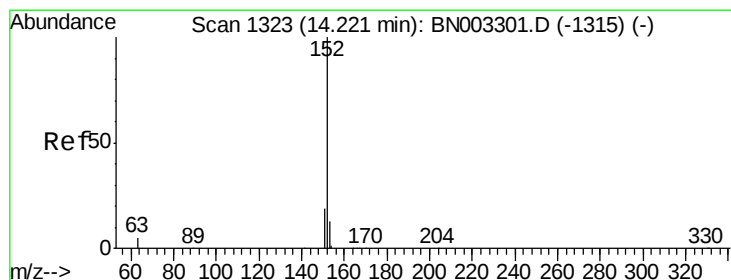
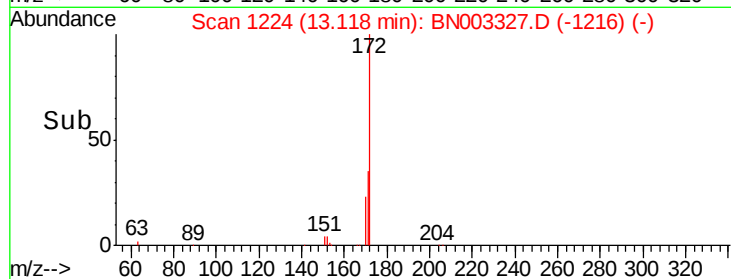
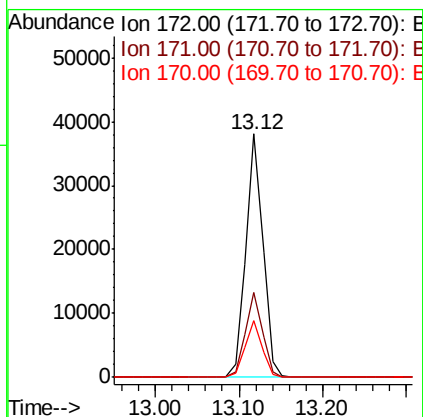
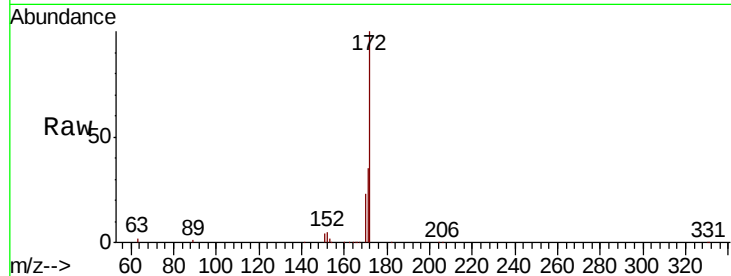




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003327.D
Acq: 27 Oct 2018 04:21

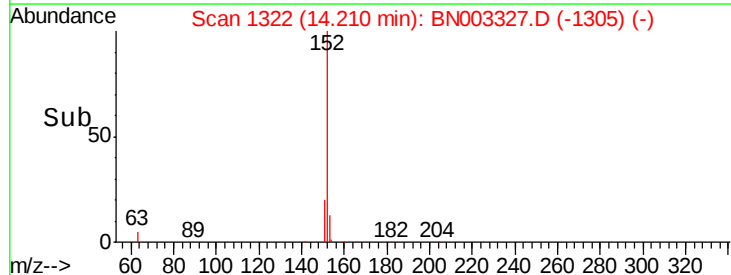
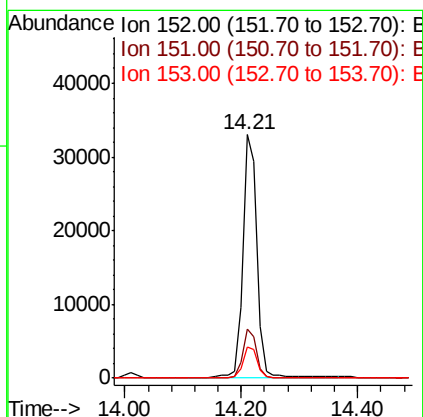
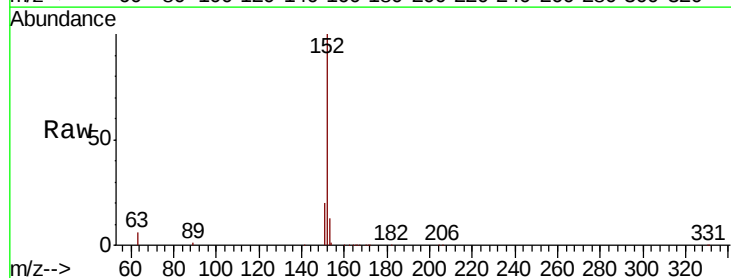
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

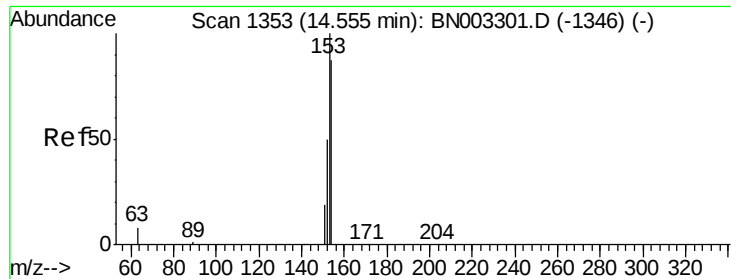
Tgt Ion:172 Resp: 53656
Ion Ratio Lower Upper
172 100
171 35.1 27.1 40.7
170 23.1 17.4 26.0



#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003327.D
Acq: 27 Oct 2018 04:21

Tgt Ion:152 Resp: 55146
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.359 ng

RT: 14.56 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

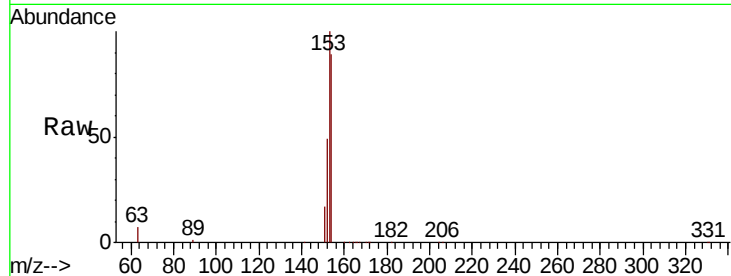
Tgt Ion:154 Resp: 39427

Ion Ratio Lower Upper

154 100

153 110.7 88.9 133.3

152 53.8 43.5 65.3

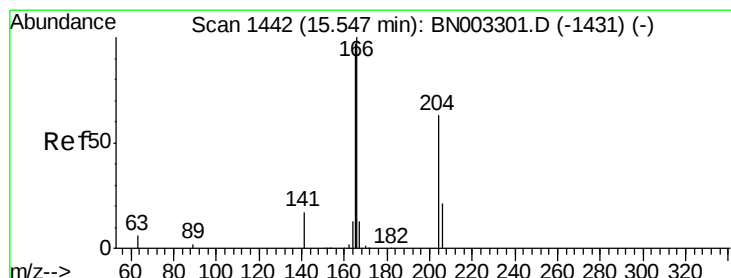
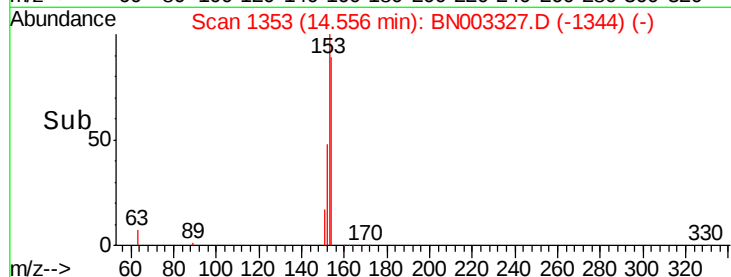
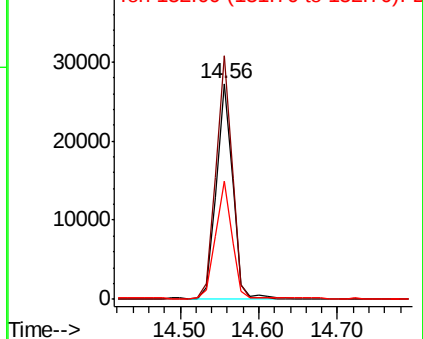


Abundance

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: 0.354 ng

RT: 15.54 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

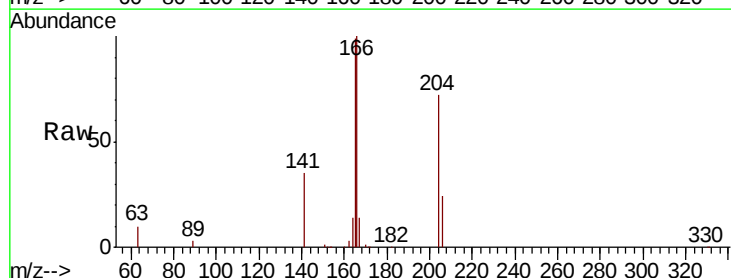
Tgt Ion:166 Resp: 48569

Ion Ratio Lower Upper

166 100

165 97.1 77.8 116.8

167 13.6 10.9 16.3

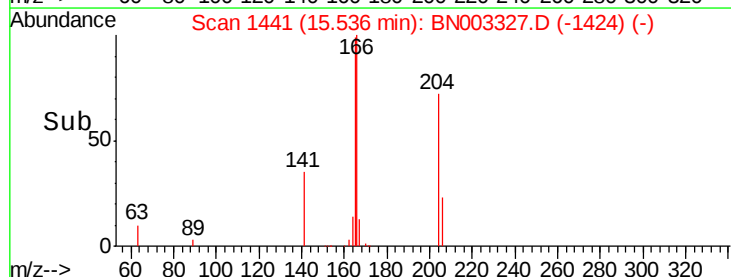
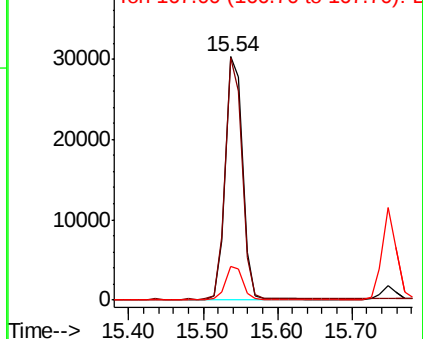


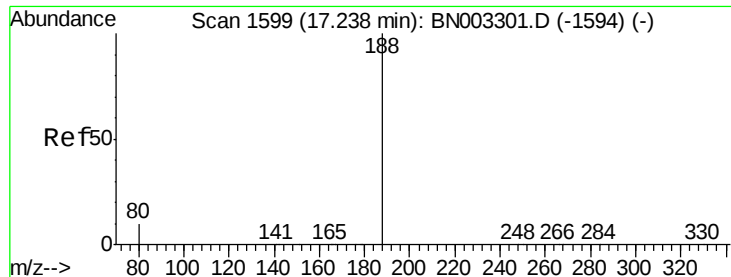
Abundance

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: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

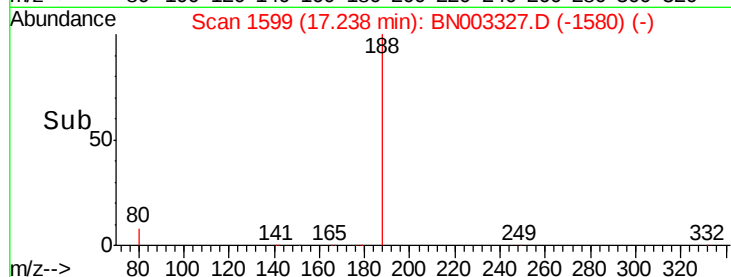
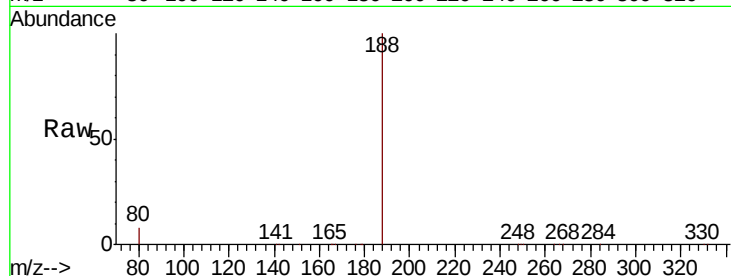
Tgt Ion:188 Resp: 88073

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

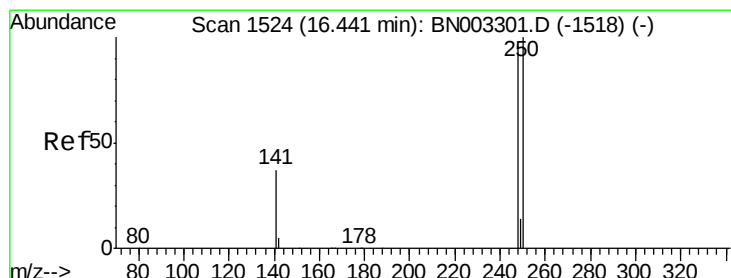
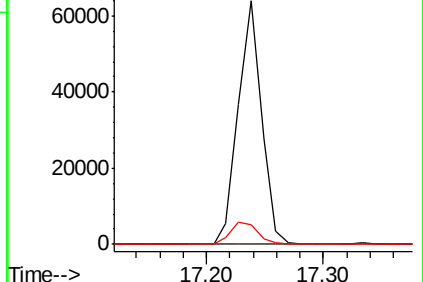
80 8.3 8.6 12.8#



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: 0.353 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

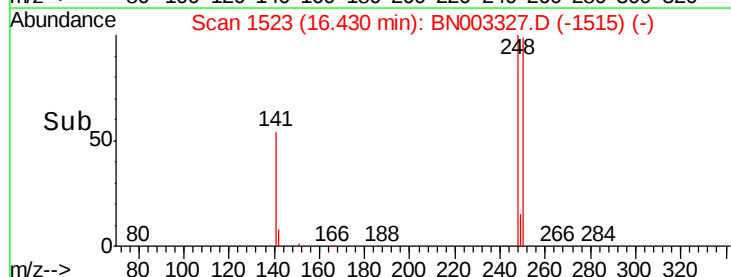
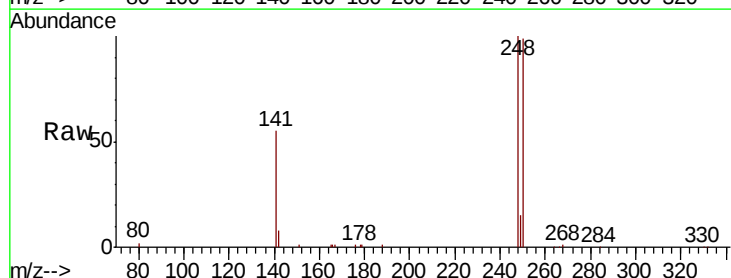
Tgt Ion:248 Resp: 17998

Ion Ratio Lower Upper

248 100

250 99.0 83.7 125.5

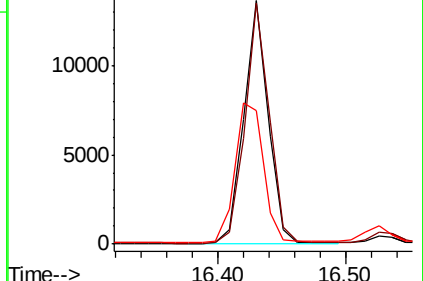
141 55.0 31.4 47.0#

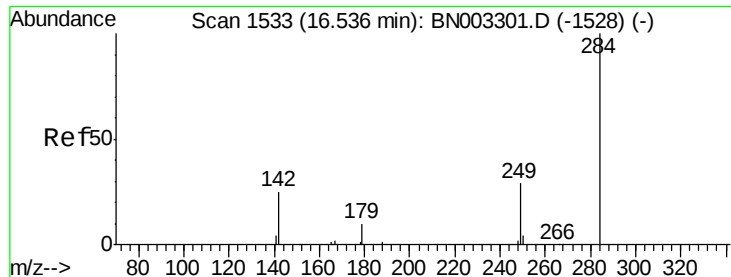


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.352 ng

RT: 16.54 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

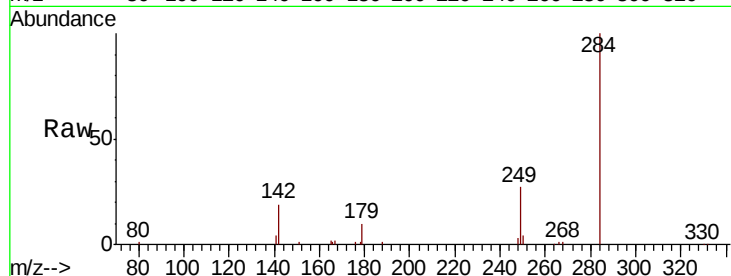
Tgt Ion:284 Resp: 18914

Ion Ratio Lower Upper

284 100

142 36.0 29.7 44.5

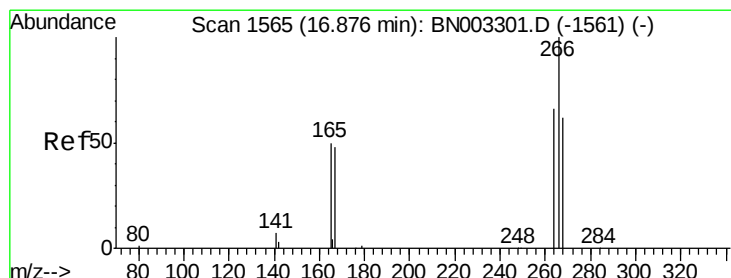
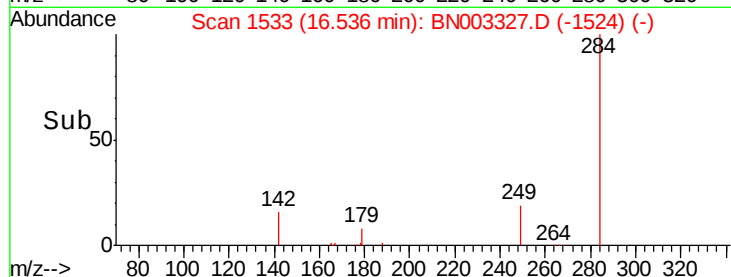
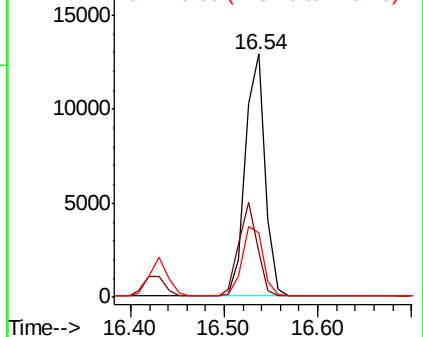
249 30.2 24.0 36.0



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: 0.452 ng

RT: 16.88 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

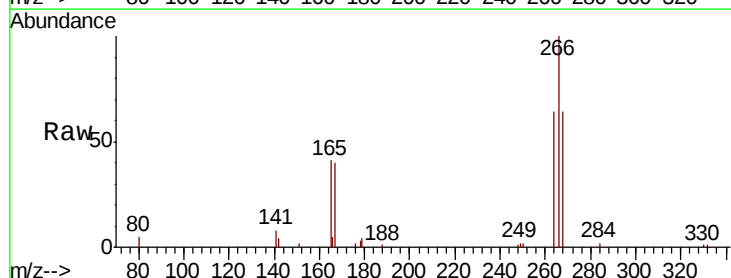
Tgt Ion:266 Resp: 6583

Ion Ratio Lower Upper

266 100

264 64.1 52.1 78.1

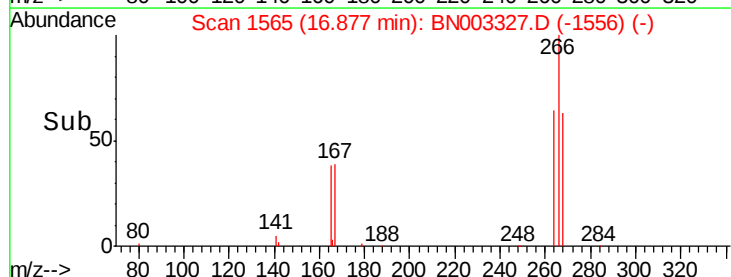
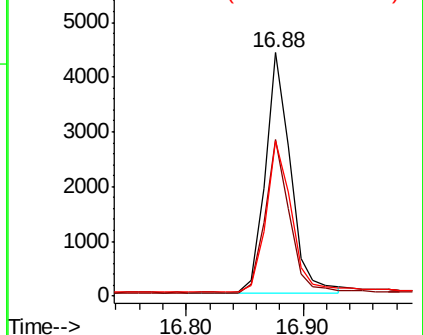
268 63.9 51.8 77.6

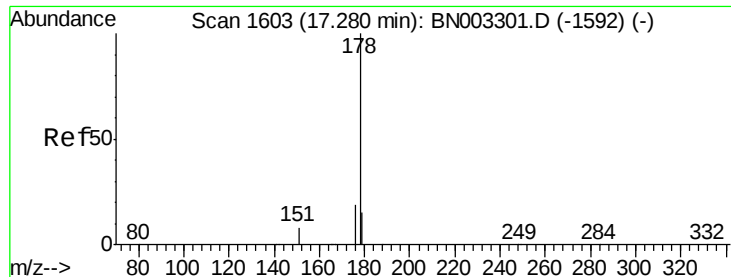


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.353 ng

RT: 17.28 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

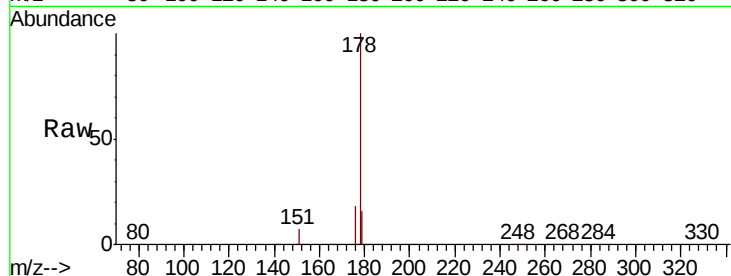
Tgt Ion:178 Resp: 85277

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

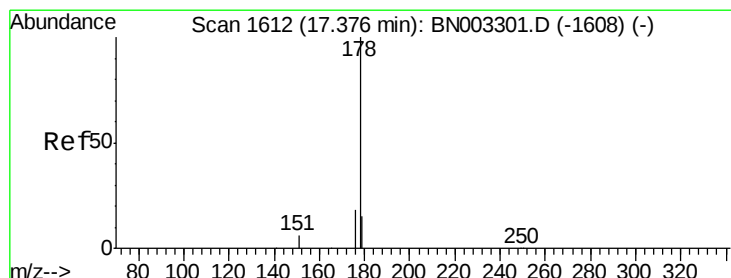
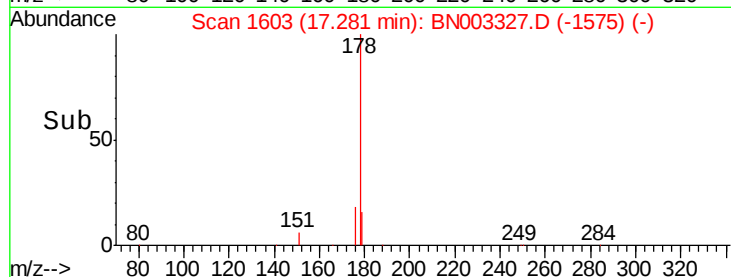
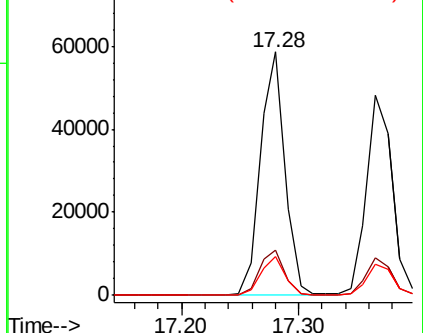
179 15.5 12.4 18.6



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: 0.359 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

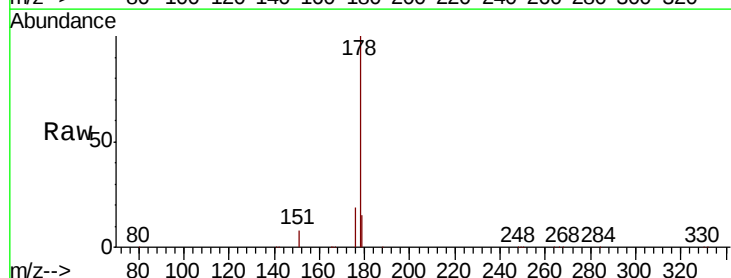
Tgt Ion:178 Resp: 74478

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

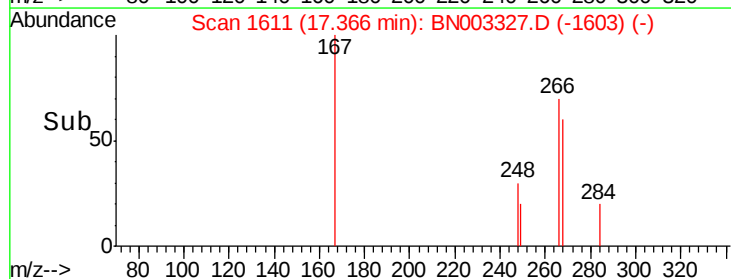
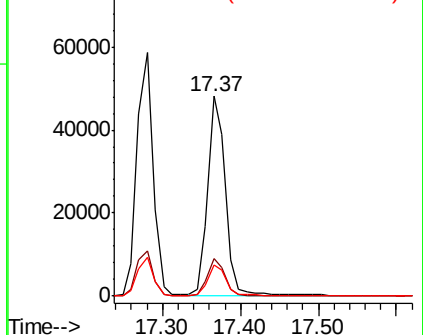
179 15.3 12.2 18.4

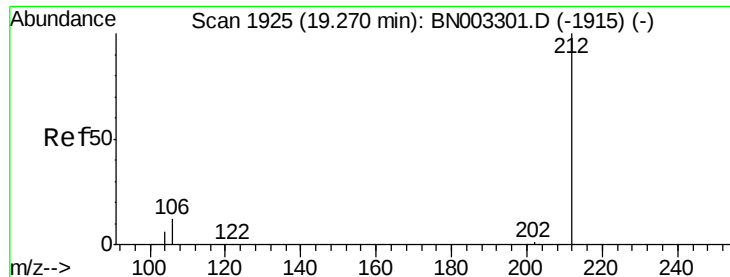


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

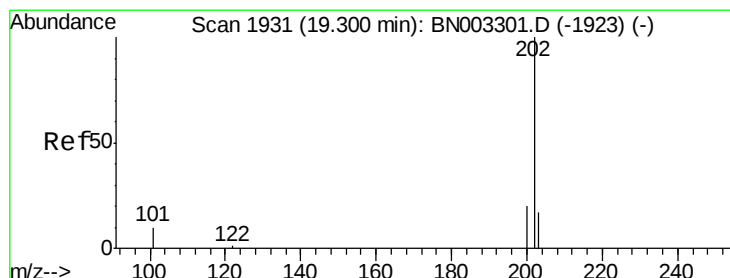
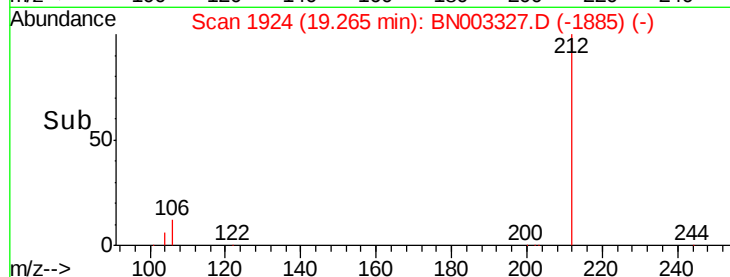
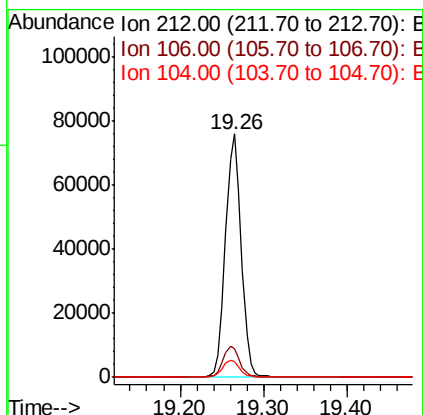
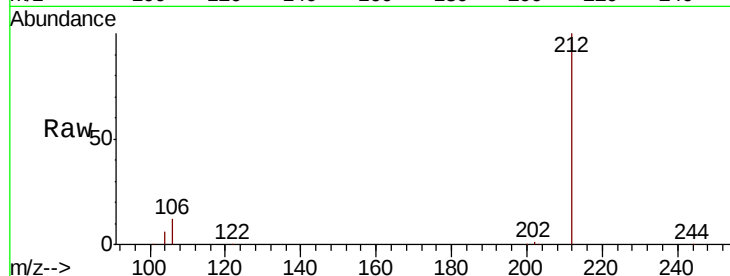




#25
 Fluoranthene-d10
 Concen: 0.387 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: BN003327.D
 Acq: 27 Oct 2018 04:21

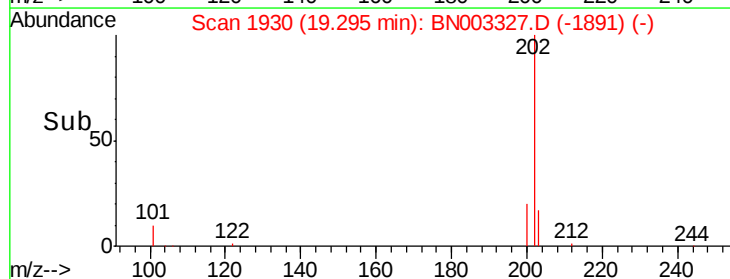
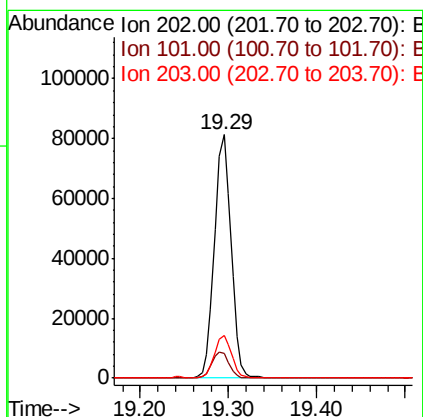
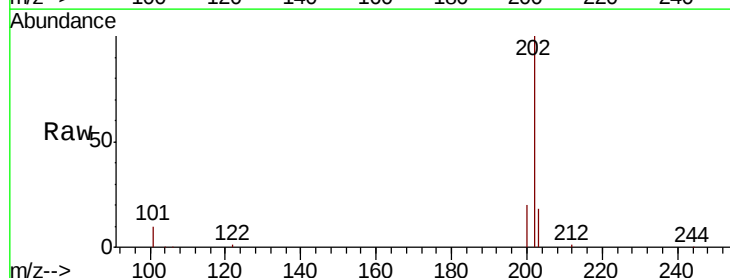
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

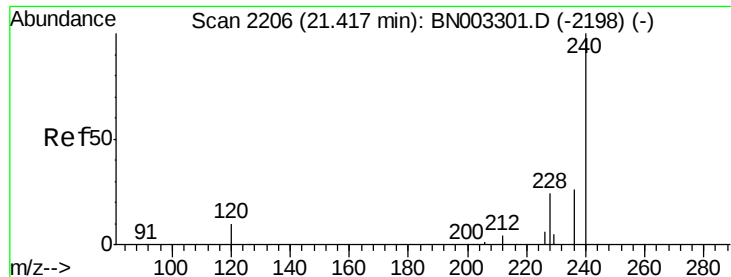
Tgt Ion: 212 Resp: 99086
 Ion Ratio Lower Upper
 212 100
 106 12.9 10.3 15.5
 104 7.1 5.6 8.4



#26
 Fluoranthene
 Concen: 0.380 ng
 RT: 19.29 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BN003327.D
 Acq: 27 Oct 2018 04:21

Tgt Ion: 202 Resp: 105370
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.0 13.4
 203 17.2 13.8 20.6

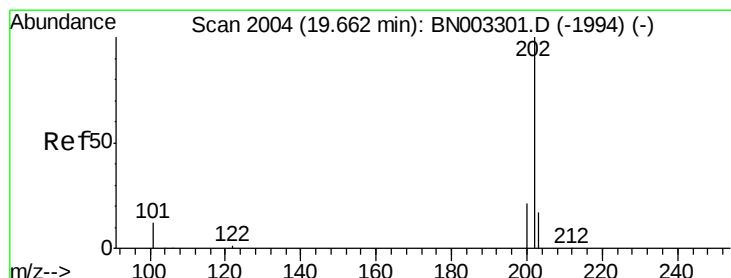
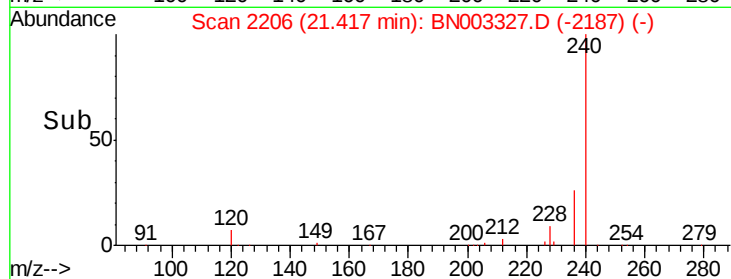
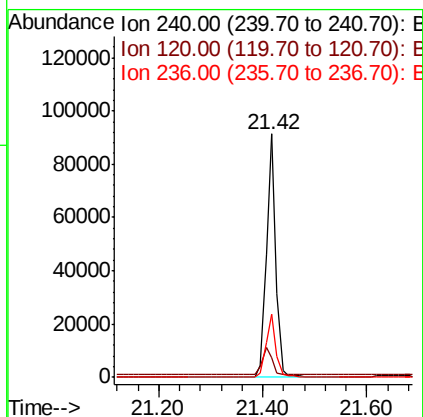
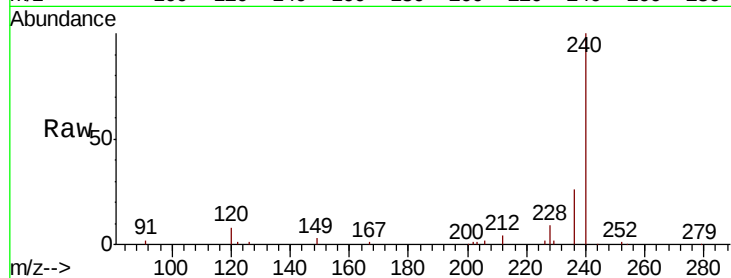




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BN003327.D
 Acq: 27 Oct 2018 04:21

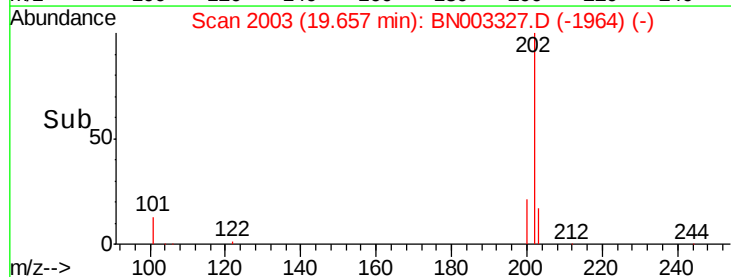
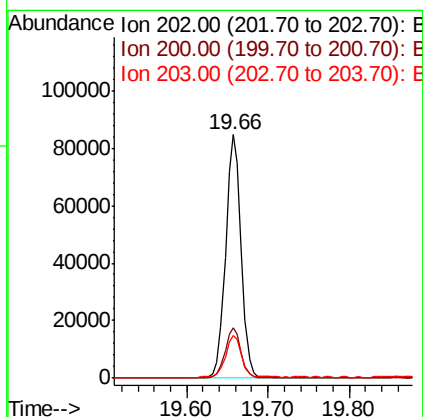
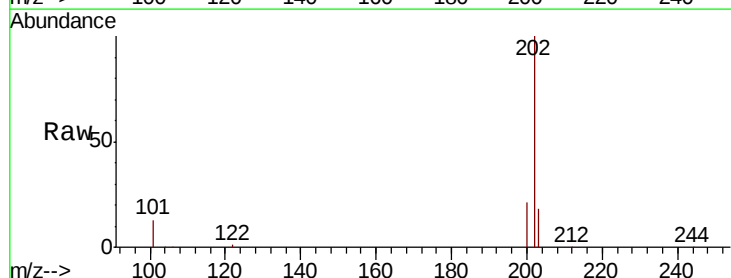
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

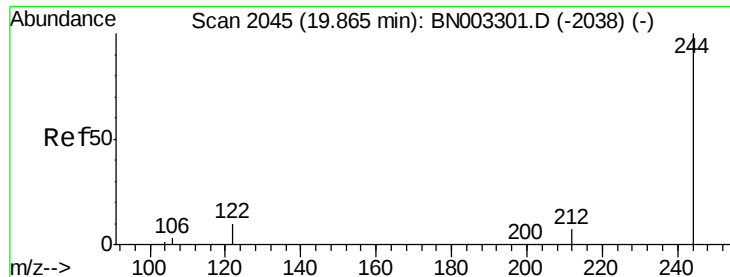
Tgt Ion:240 Resp: 113371
 Ion Ratio Lower Upper
 240 100
 120 7.9 9.3 13.9#
 236 25.8 21.0 31.4



#28
 Pyrene
 Concen: 0.356 ng
 RT: 19.66 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BN003327.D
 Acq: 27 Oct 2018 04:21

Tgt Ion:202 Resp: 111625
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.5 24.7
 203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.339 ng

RT: 19.86 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

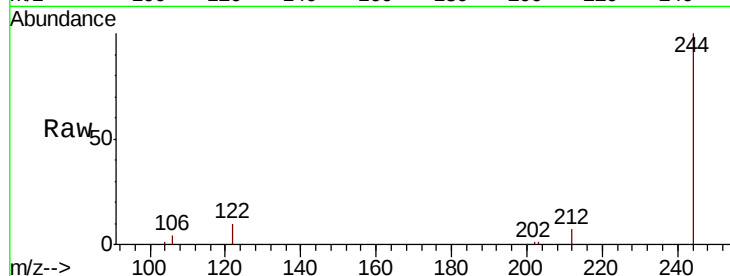
Tgt Ion:244 Resp: 89317

Ion Ratio Lower Upper

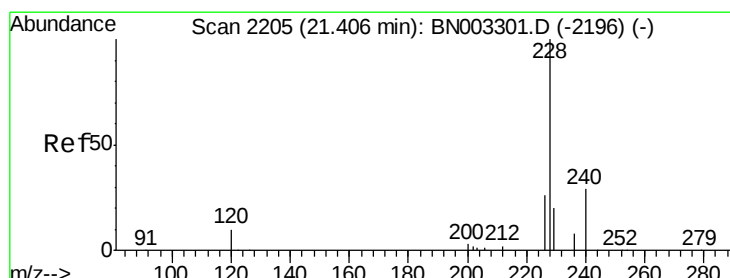
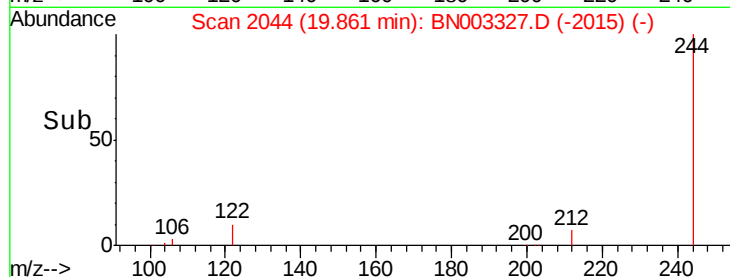
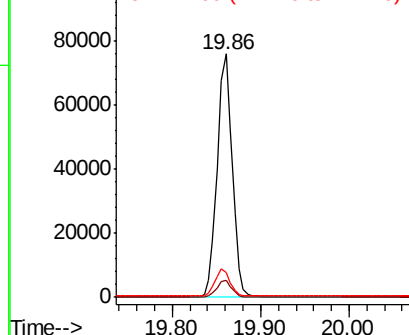
244 100

212 6.8 5.6 8.4

122 10.1 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: 0.392 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

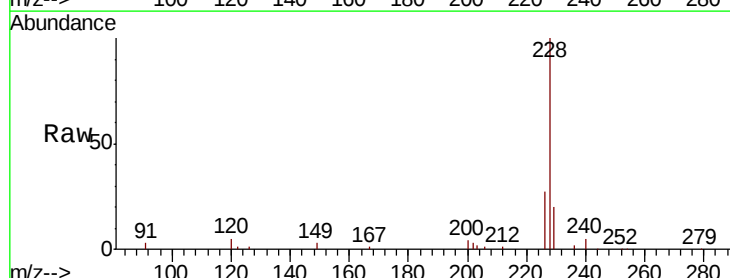
Tgt Ion:228 Resp: 116401

Ion Ratio Lower Upper

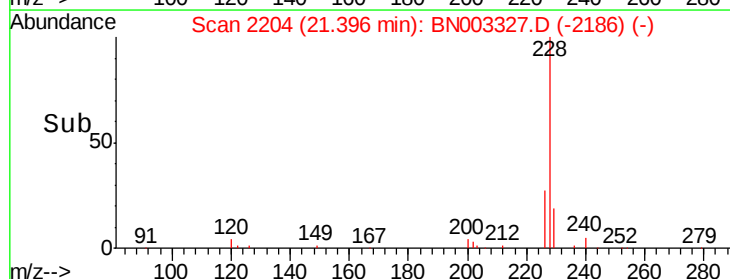
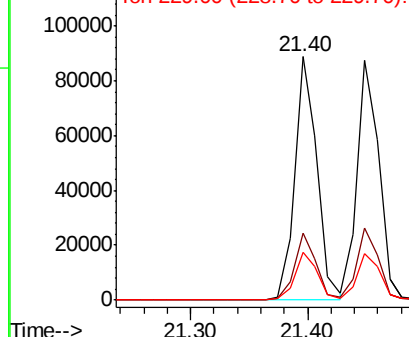
228 100

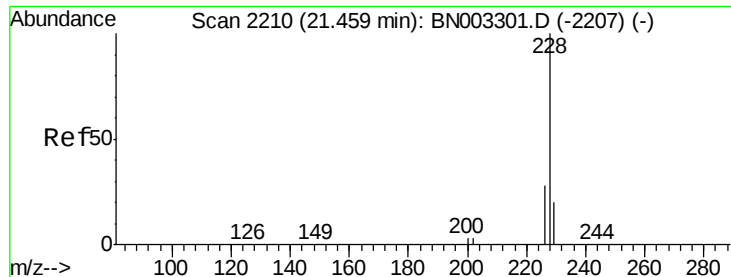
226 27.3 20.8 31.2

229 19.6 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: 0.355 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

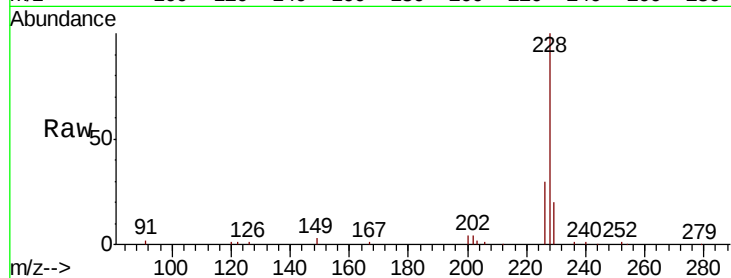
Tgt Ion:228 Resp: 113665

Ion Ratio Lower Upper

228 100

226 30.2 22.7 34.1

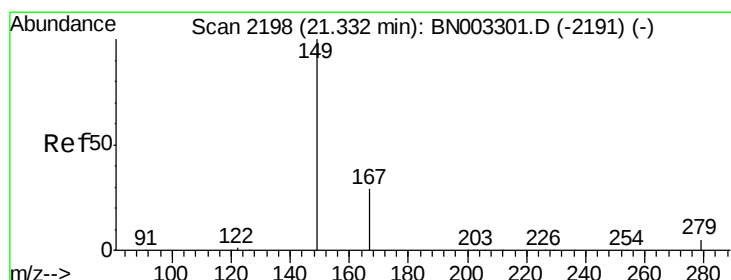
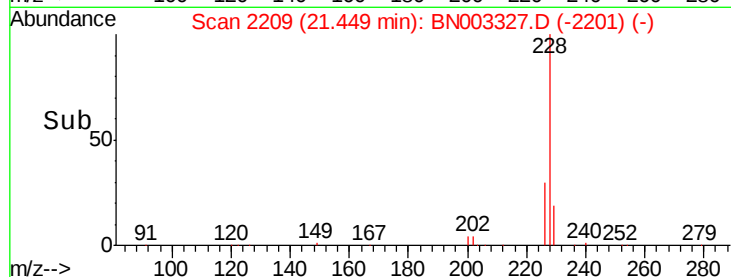
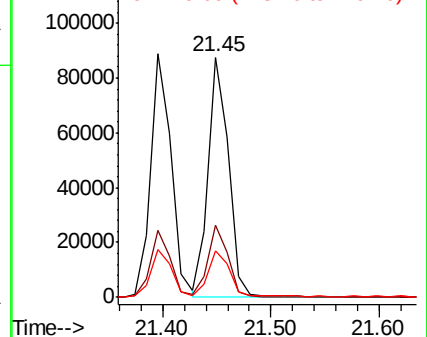
229 19.6 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.579 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

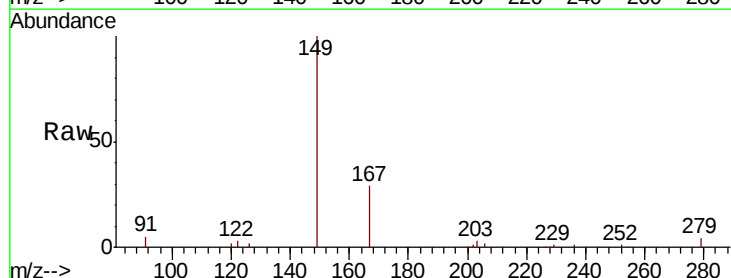
Tgt Ion:149 Resp: 50892

Ion Ratio Lower Upper

149 100

167 28.9 22.4 33.6

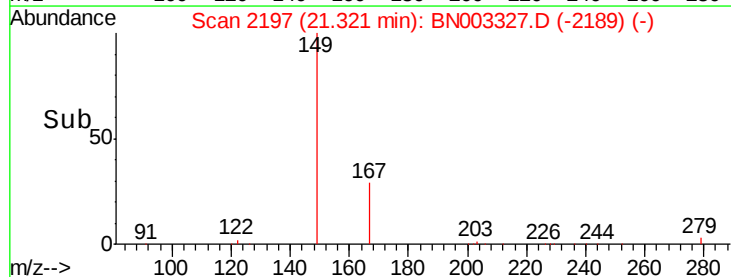
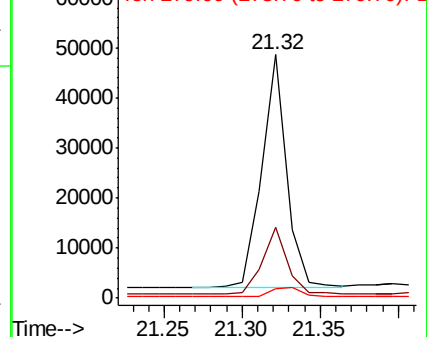
279 5.1 3.9 5.9

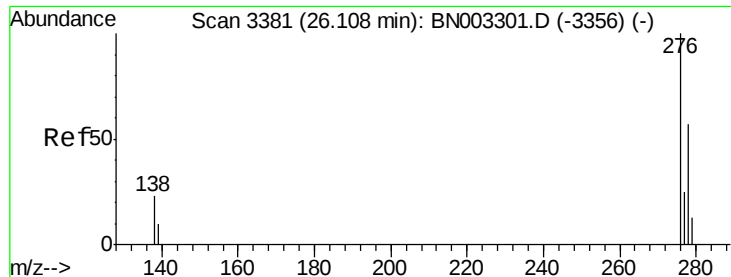


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.373 ng

RT: 26.10 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

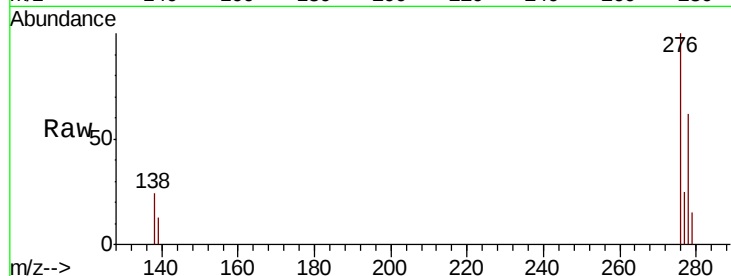
Tgt Ion:276 Resp: 123700

Ion Ratio Lower Upper

276 100

138 24.8 20.6 30.8

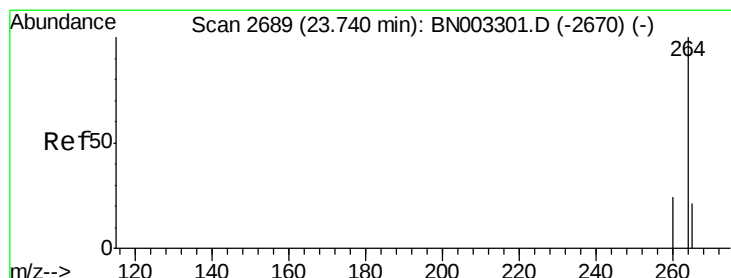
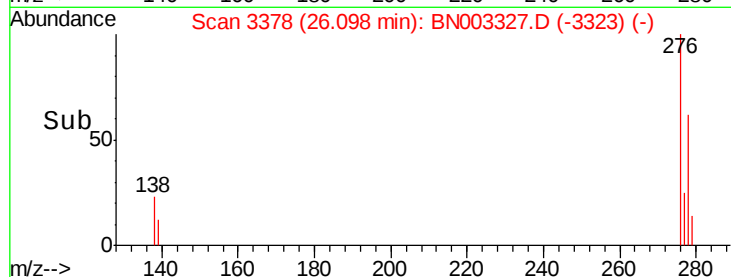
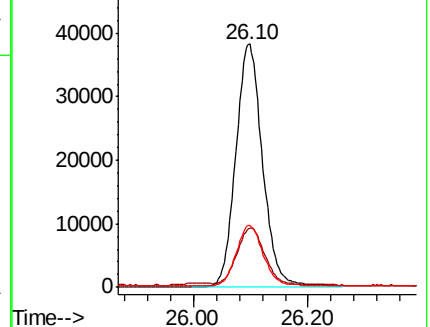
277 25.0 20.0 30.0



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: 23.73 min Scan# 2687

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

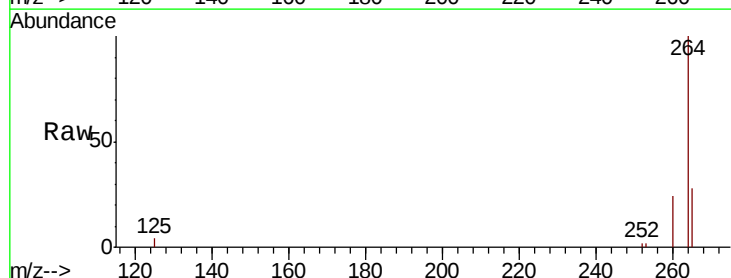
Tgt Ion:264 Resp: 114327

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

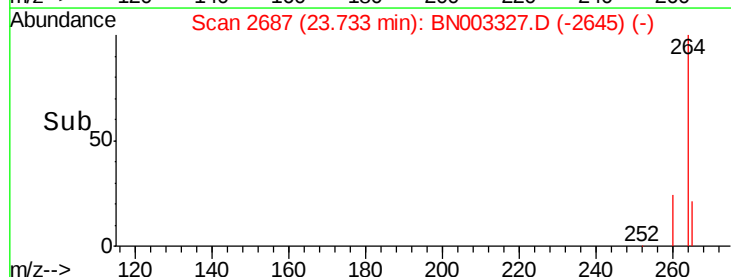
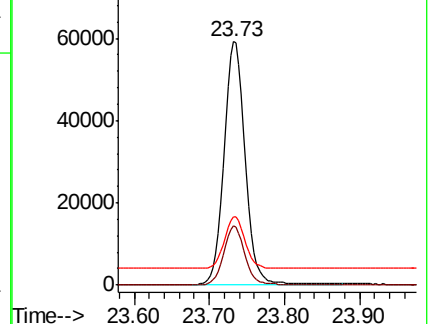
265 27.9 26.4 39.6

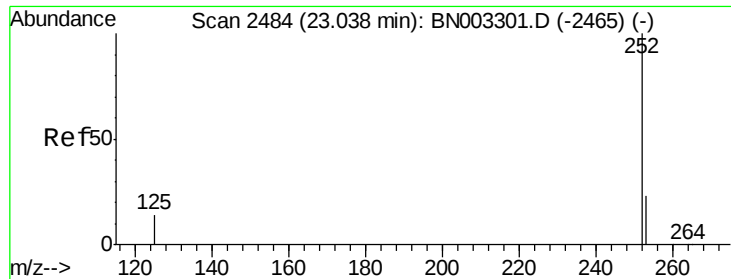


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

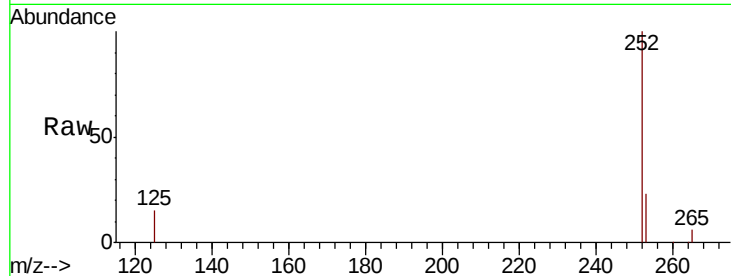




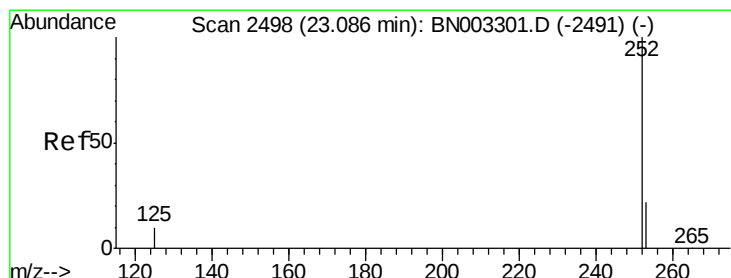
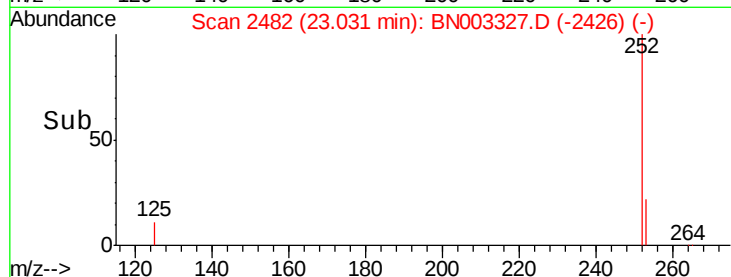
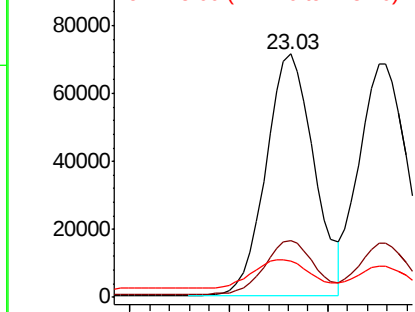
#35
Benzo(b)fluoranthene
Concen: 0.339 ng
RT: 23.03 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BN003327.D
Acq: 27 Oct 2018 04:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 119502
Ion Ratio Lower Upper
252 100
253 23.4 19.3 28.9
125 14.9 12.7 19.1

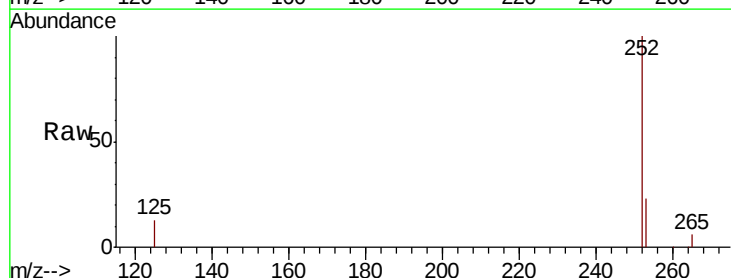


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

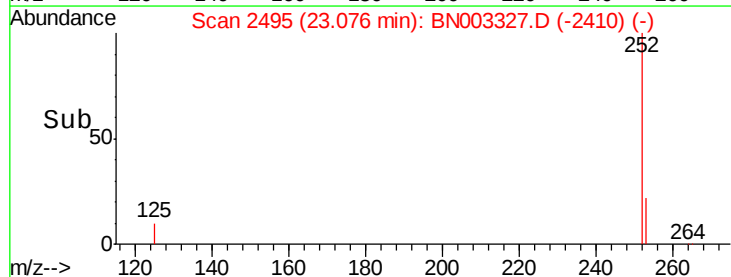
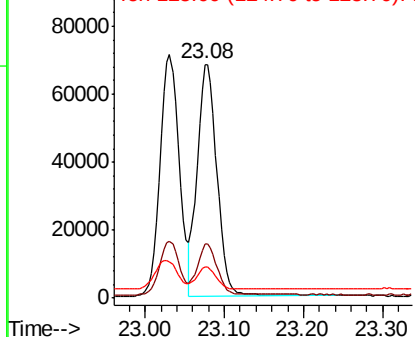


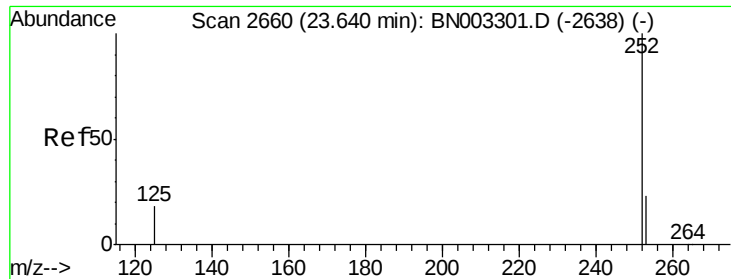
#36
Benzo(k)fluoranthene
Concen: 0.334 ng
RT: 23.08 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN003327.D
Acq: 27 Oct 2018 04:21

Tgt Ion:252 Resp: 118141
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 13.4 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: 0.346 ng

RT: 23.63 min Scan# 2658

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

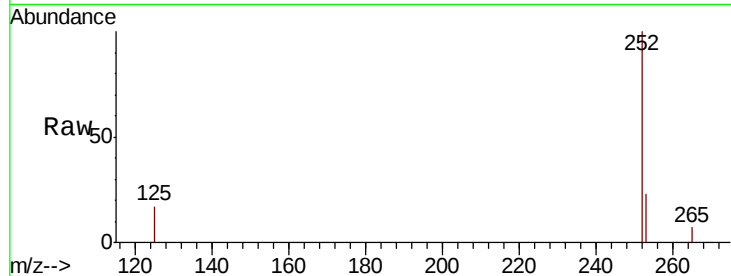
Tgt Ion:252 Resp: 112170

Ion Ratio Lower Upper

252 100

253 23.5 20.1 30.1

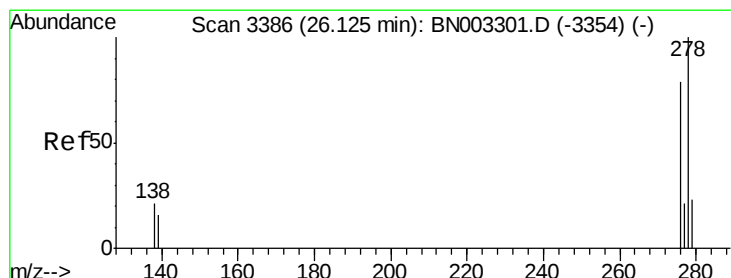
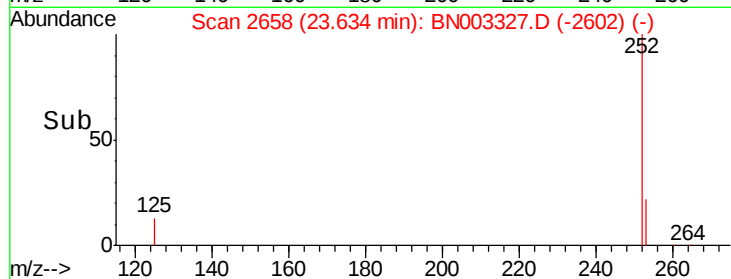
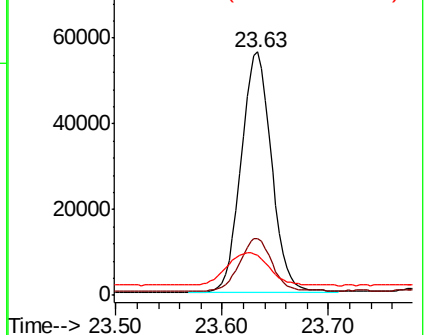
125 16.5 16.0 24.0



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: 0.339 ng

RT: 26.11 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BN003327.D

Acq: 27 Oct 2018 04:21

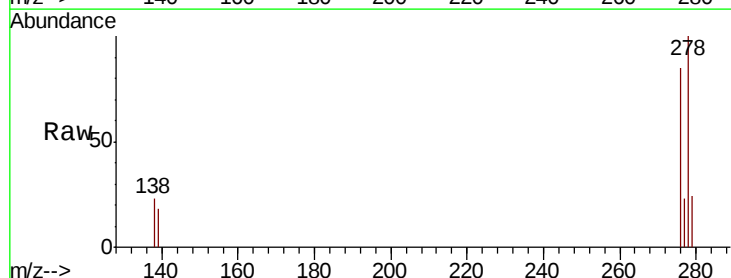
Tgt Ion:278 Resp: 102590

Ion Ratio Lower Upper

278 100

139 18.3 13.5 20.3

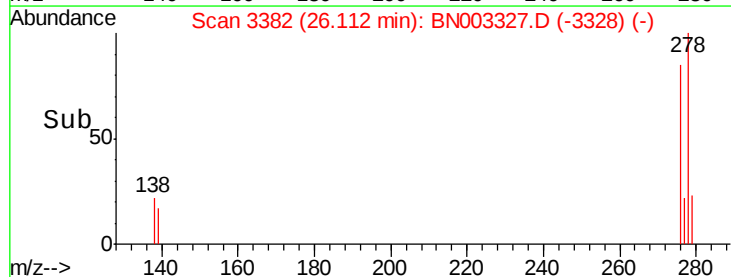
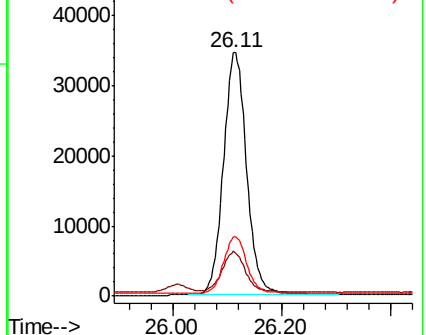
279 24.4 19.8 29.6

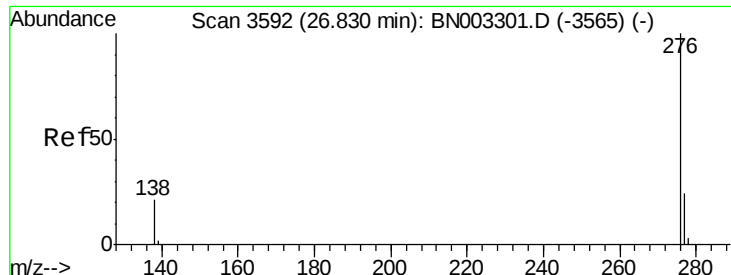


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.336 ng

RT: 26.82 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BN003327.D

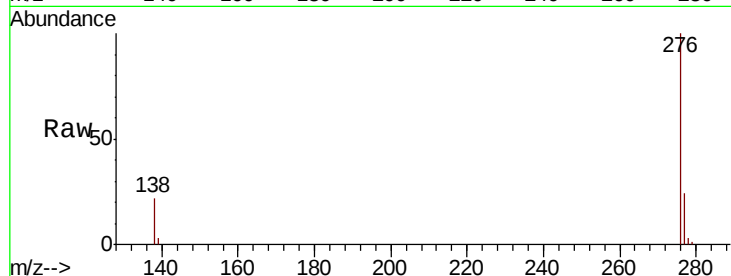
Acq: 27 Oct 2018 04:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 101550

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 21.7 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

