

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
 Data File : BN003336.D
 Acq On : 29 Oct 2018 17:15
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 30 06:45:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	14402	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	63204	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	36850	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	86776	0.40	ng	0.00
27) Chrysene-d12	21.42	240	98059	0.40	ng	0.00
34) Perylene-d12	23.73	264	89413	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	13590	0.38	ng	0.00
5) Phenol-d6	7.01	99	17561	0.39	ng	0.00
8) Nitrobenzene-d5	9.02	82	13210	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	37777	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	5624	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	56400	0.36	ng	-0.01
25) Fluoranthene-d10	19.26	212	87553	0.35	ng	0.00
29) Terphenyl-d14	19.86	244	78370	0.34	ng	0.00

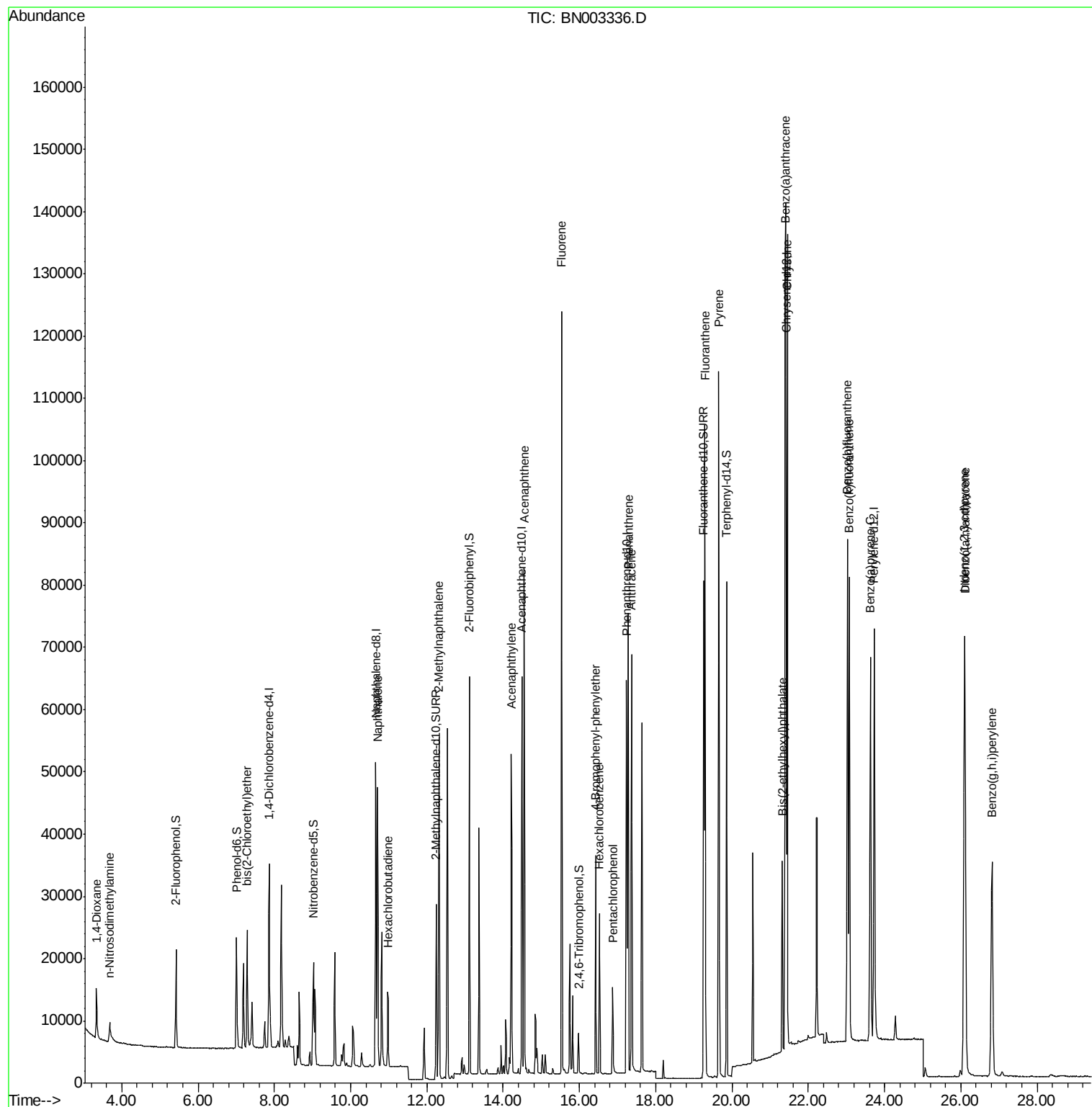
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	6428	0.345	ng	98
3) n-Nitrosodimethylamine	3.67	42	3289	0.383	ng	# 94
6) bis(2-Chloroethyl)ether	7.29	93	15782	0.393	ng	99
9) Naphthalene	10.71	128	57114	0.369	ng	99
10) Hexachlorobutadiene	10.97	225	10554	0.374	ng	# 99
12) 2-Methylnaphthalene	12.32	142	39799	0.368	ng	97
16) Acenaphthylene	14.21	152	58372	0.355	ng	100
17) Acenaphthene	14.56	154	41247	0.362	ng	99
18) Fluorene	15.54	166	49510	0.348	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	17986	0.358	ng	96
21) Hexachlorobenzene	16.53	284	19381	0.366	ng	99
22) Pentachlorophenol	16.88	266	6787	0.473	ng	97
23) Phenanthrene	17.28	178	84477	0.355	ng	100
24) Anthracene	17.37	178	70718	0.346	ng	100
26) Fluoranthene	19.29	202	94660	0.346	ng	100
28) Pyrene	19.66	202	97618	0.360	ng	100
30) Benzo(a)anthracene	21.40	228	93466	0.364	ng	98
31) Chrysene	21.45	228	97792	0.353	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	31763	0.418	ng	100
33) Indeno(1,2,3-cd)pyrene	26.09	276	91785	0.320	ng	98
35) Benzo(b)fluoranthene	23.03	252	99317	0.356	ng	# 95
36) Benzo(k)fluoranthene	23.08	252	97573	0.353	ng	100
37) Benzo(a)pyrene	23.63	252	90128	0.355	ng	# 92
38) Dibenzo(a,h)anthracene	26.11	278	76627	0.324	ng	100
39) Benzo(g,h,i)perylene	26.82	276	74360	0.314	ng	99

(#) = 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: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

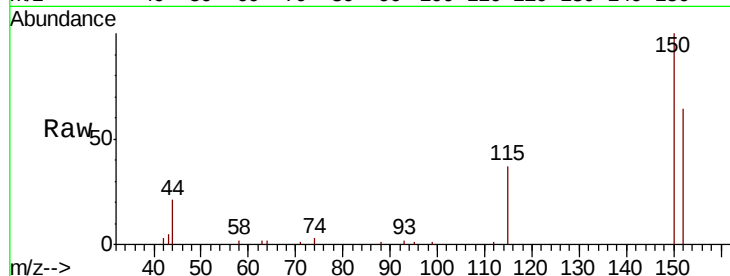
Tgt Ion: 152 Resp: 14402

Ion Ratio Lower Upper

152 100

150 156.1 124.6 187.0

115 57.6 46.4 69.6

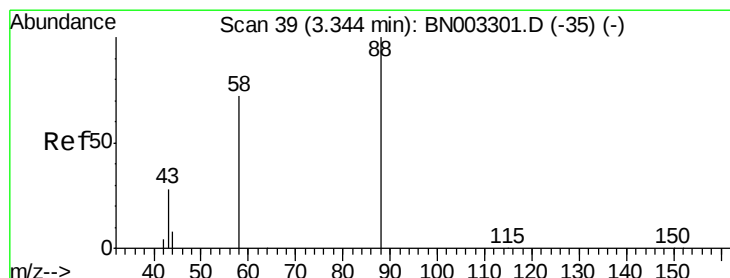
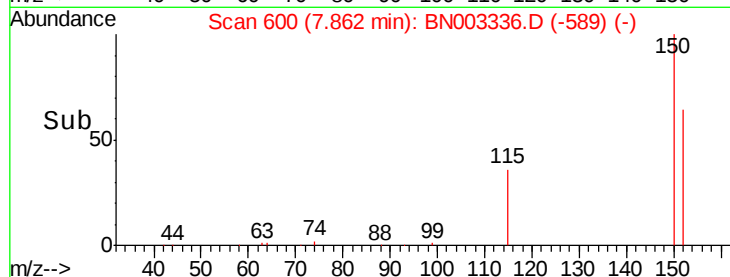
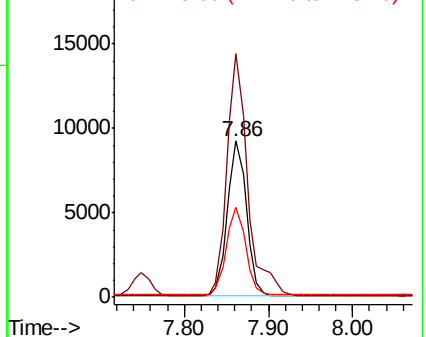


Abundance

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: 0.345 ng

RT: 3.34 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

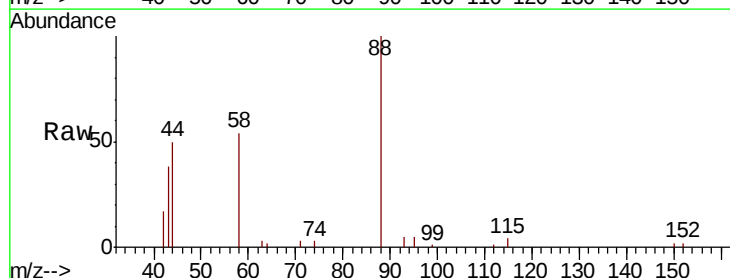
Tgt Ion: 88 Resp: 6428

Ion Ratio Lower Upper

88 100

58 74.3 60.9 91.3

43 29.2 23.9 35.9

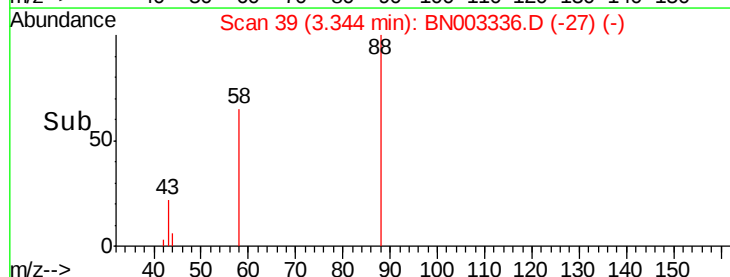
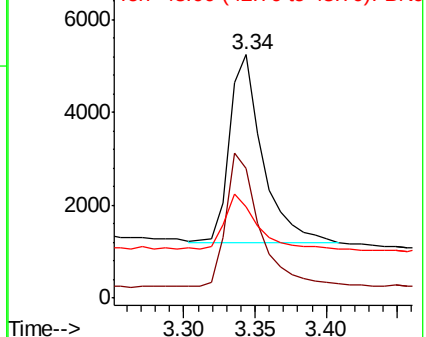


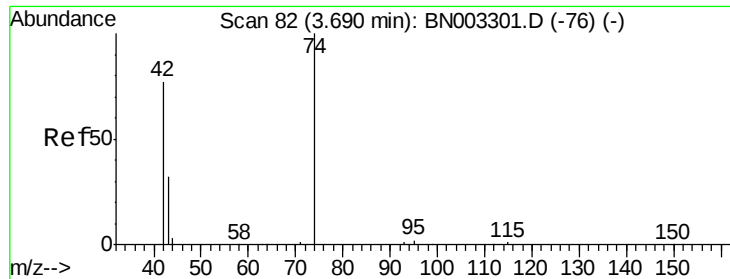
Abundance

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: 0.383 ng

RT: 3.67 min Scan# 80

Delta R.T. -0.02 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

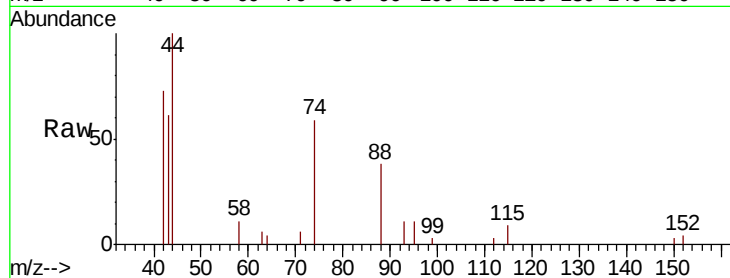
Tgt Ion: 42 Resp: 3289

Ion Ratio Lower Upper

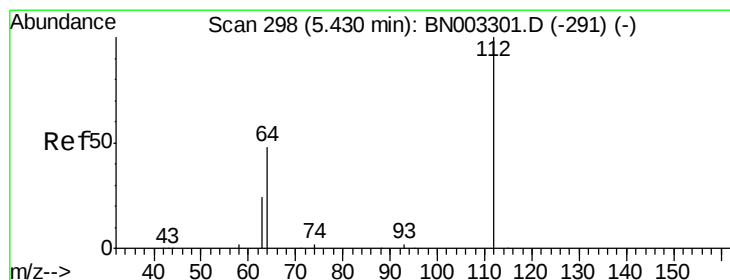
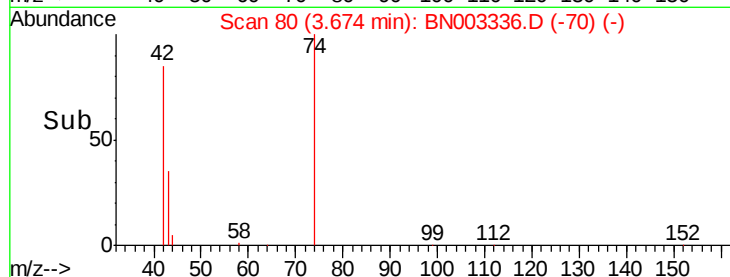
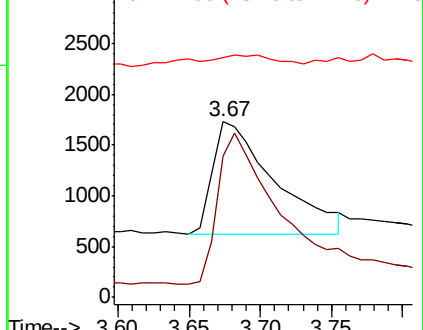
42 100

74 129.6 99.1 148.7

44 0.0 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: 0.381 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

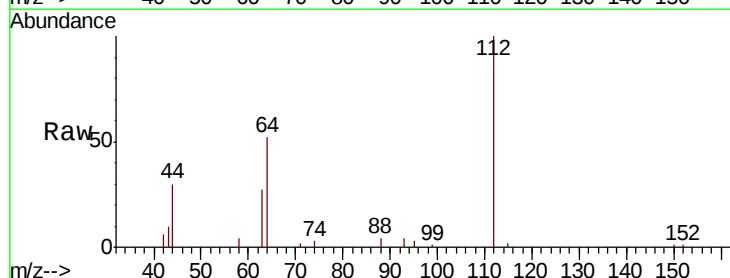
Tgt Ion: 112 Resp: 13590

Ion Ratio Lower Upper

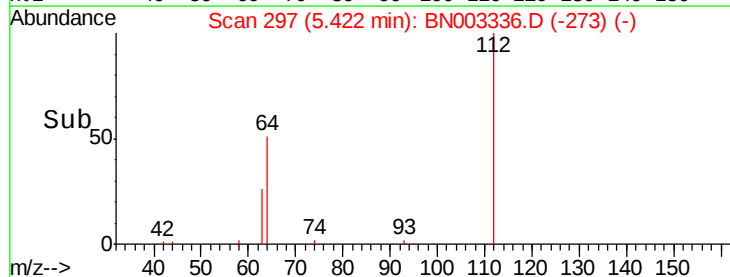
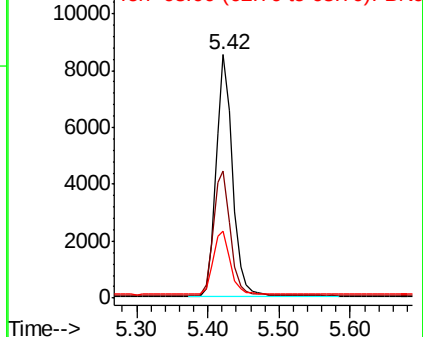
112 100

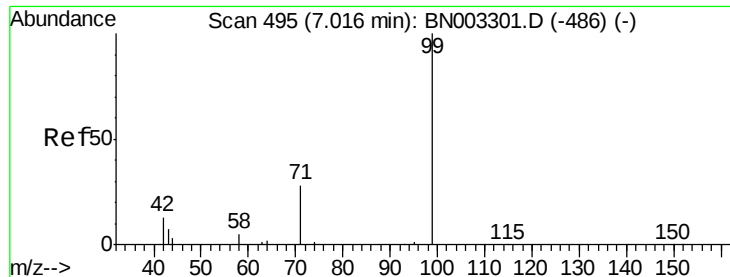
64 53.2 44.3 66.5

63 27.0 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: 0.390 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

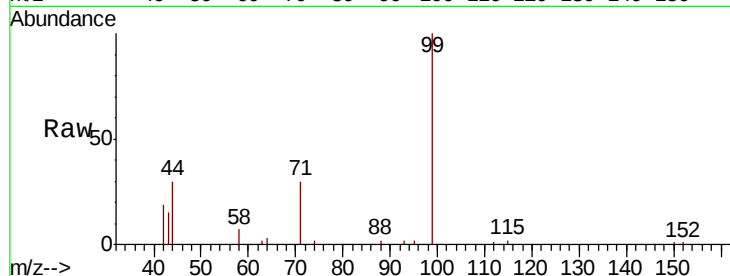
Tgt Ion: 99 Resp: 17561

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

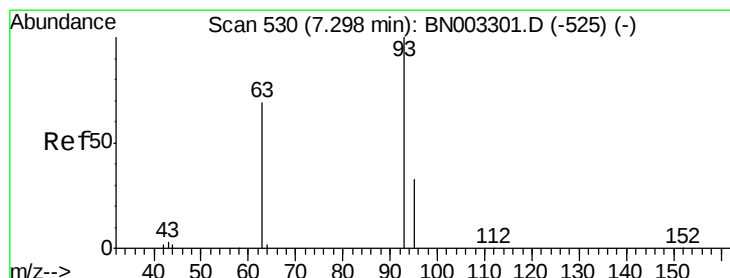
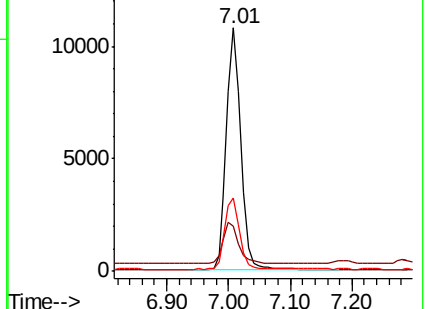
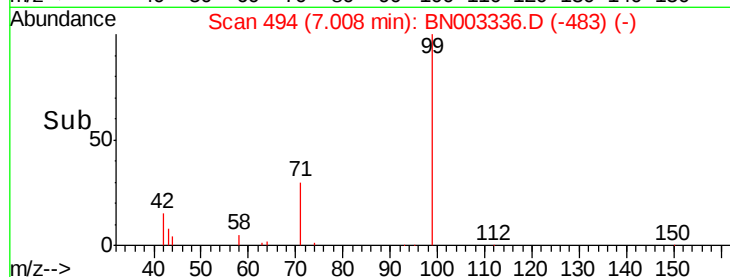
71 30.5 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003336.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN003336.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN003336.D (-483) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.393 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

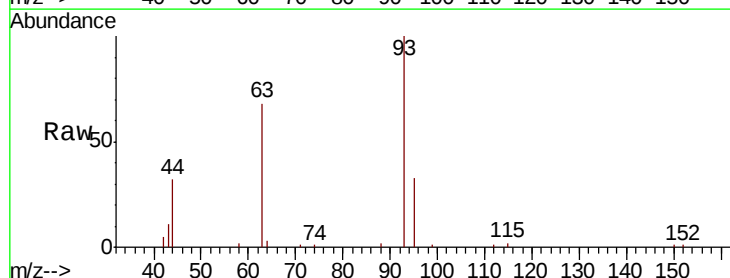
Tgt Ion: 93 Resp: 15782

Ion Ratio Lower Upper

93 100

63 70.9 55.8 83.6

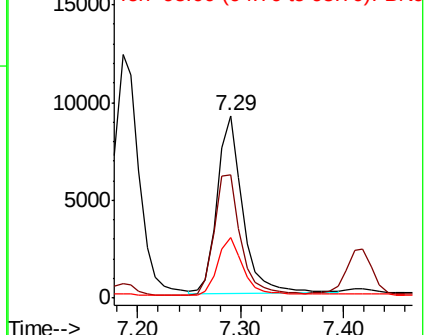
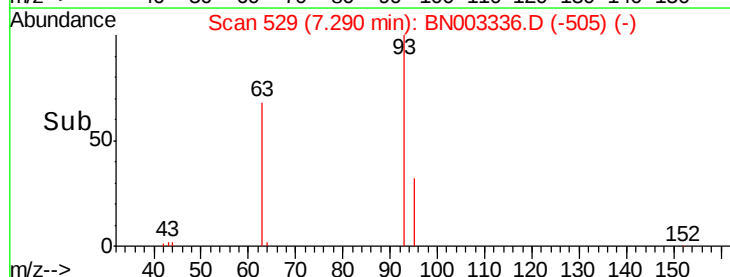
95 32.1 25.4 38.2

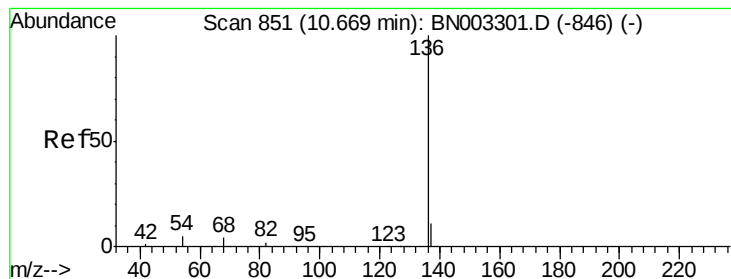


Abundance Ion 93.00 (92.70 to 93.70): BN003336.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN003336.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN003336.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 63204

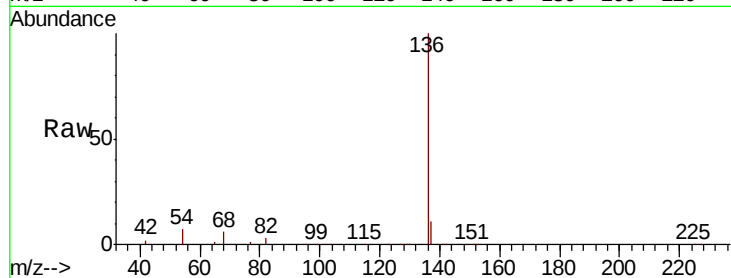
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.9 4.1 6.1#

68 5.8 3.5 5.3#

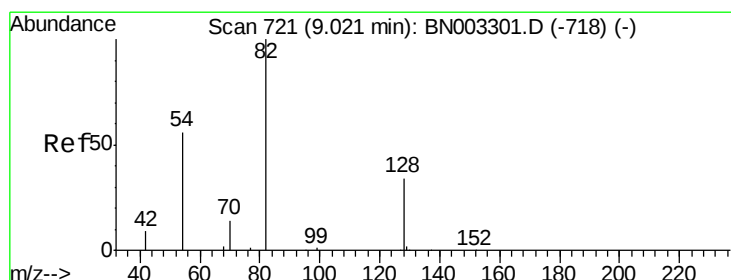
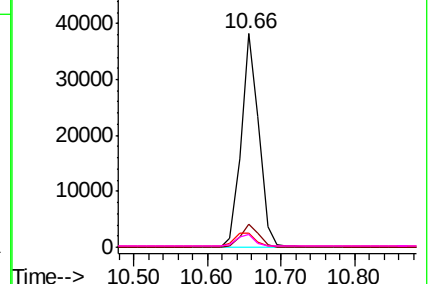
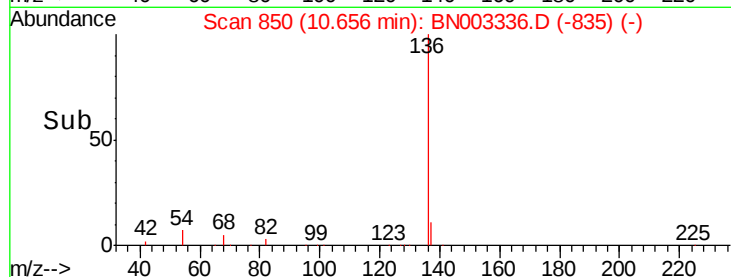


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.477 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

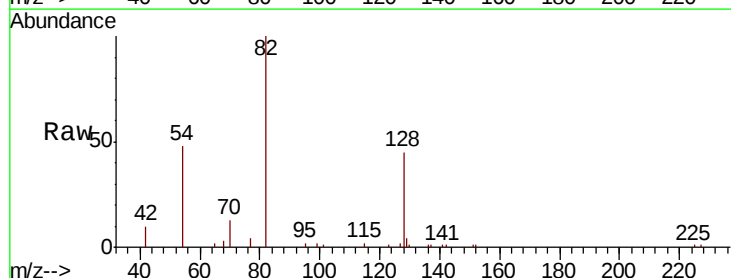
Tgt Ion: 82 Resp: 13210

Ion Ratio Lower Upper

82 100

128 45.0 28.9 43.3#

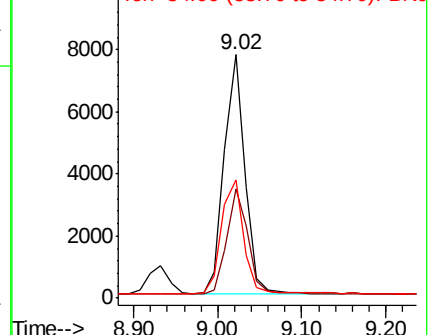
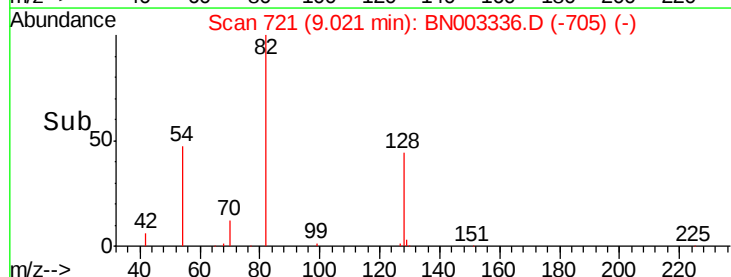
54 48.5 46.1 69.1

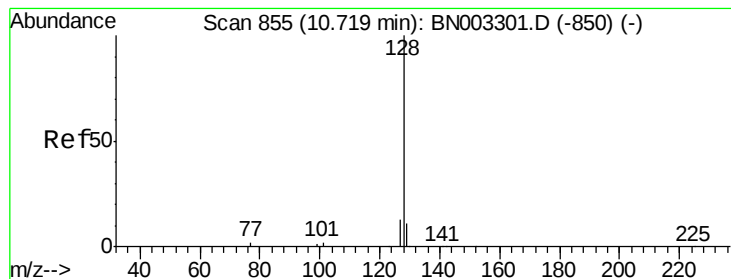


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.369 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

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BNA_N

ClientSampleId :

SSTDCCC0.4EC

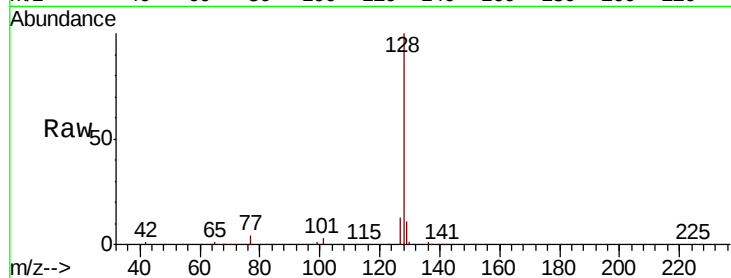
Tgt Ion:128 Resp: 57114

Ion Ratio Lower Upper

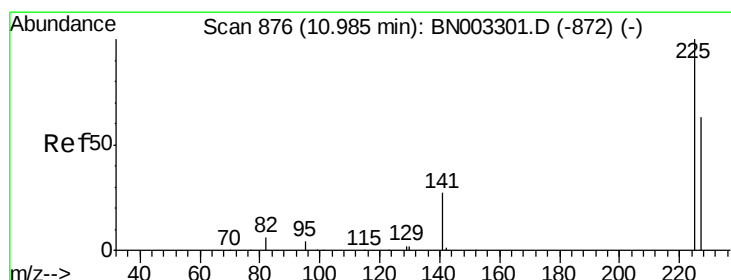
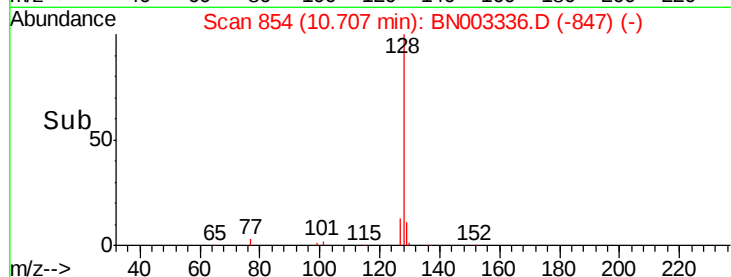
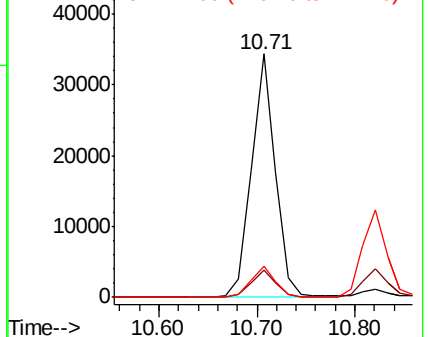
128 100

129 11.2 9.1 13.7

127 13.0 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: 0.374 ng

RT: 10.97 min Scan# 875

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

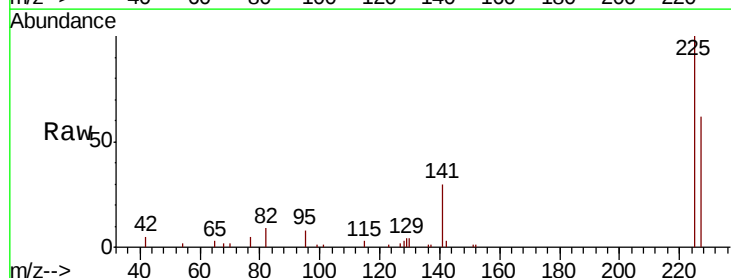
Tgt Ion:225 Resp: 10554

Ion Ratio Lower Upper

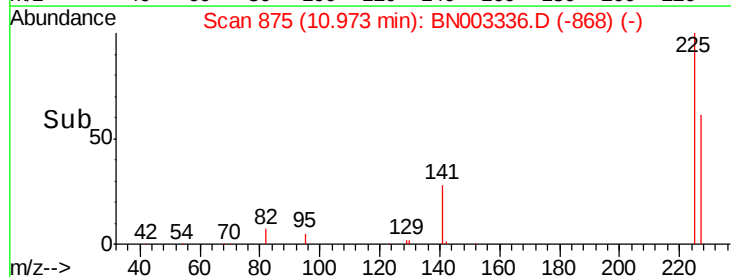
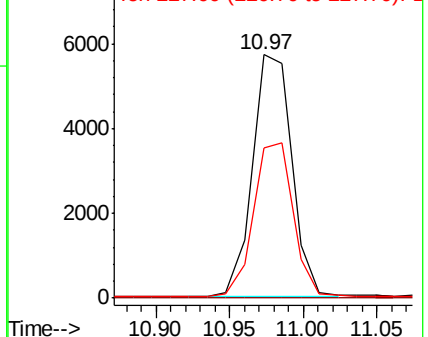
225 100

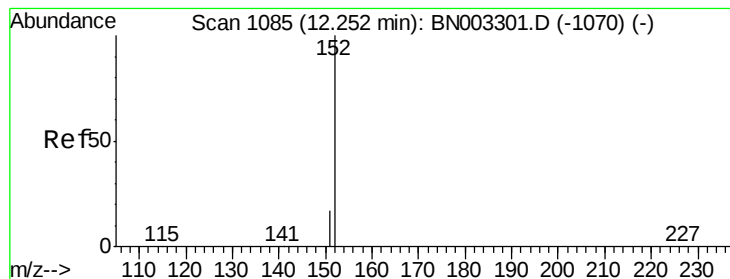
223 0.0 0.0 0.0

227 63.6 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: 0.367 ng

RT: 12.24 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

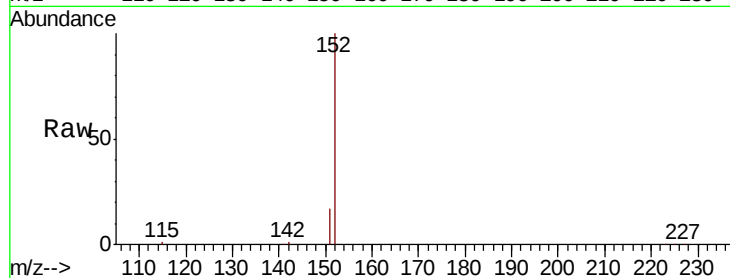
SSTDCCC0.4EC

Tgt Ion:152 Resp: 37777

Ion Ratio Lower Upper

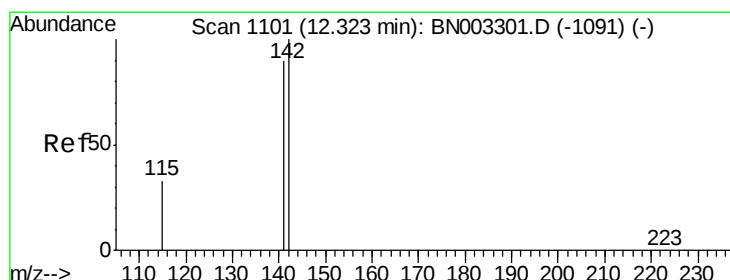
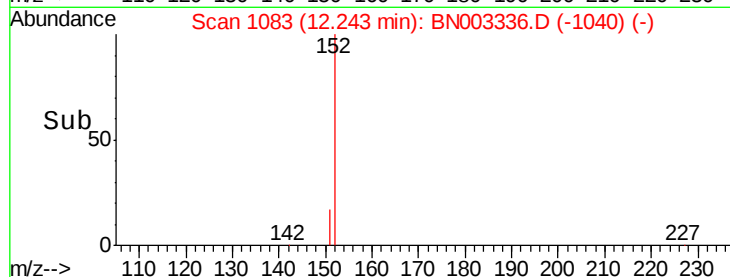
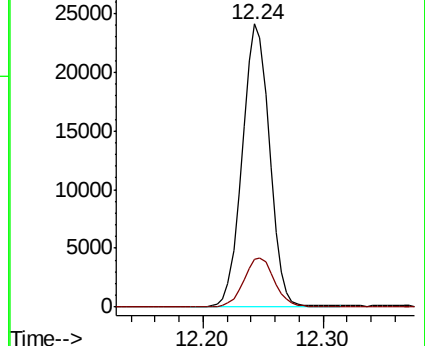
152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.368 ng

RT: 12.32 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

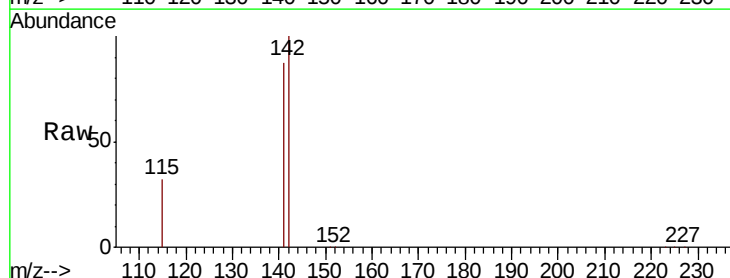
Tgt Ion:142 Resp: 39799

Ion Ratio Lower Upper

142 100

141 87.1 71.9 107.9

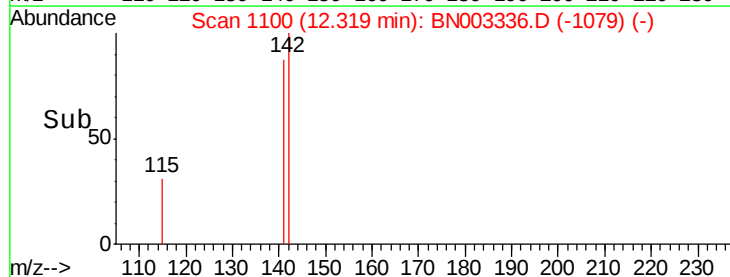
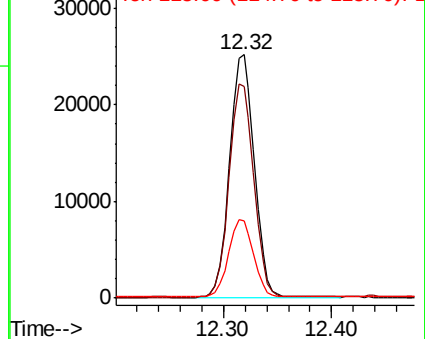
115 31.8 27.0 40.6

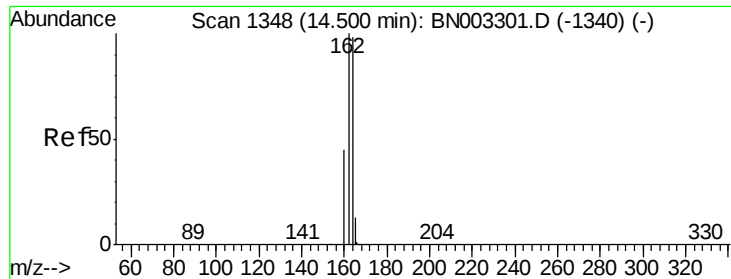


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

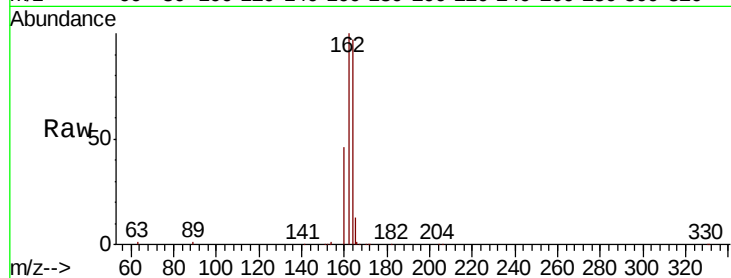
Tgt Ion:164 Resp: 36850

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

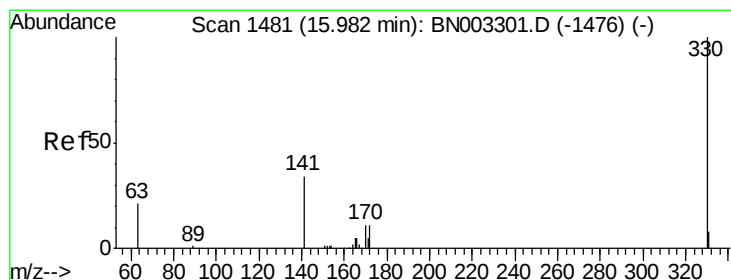
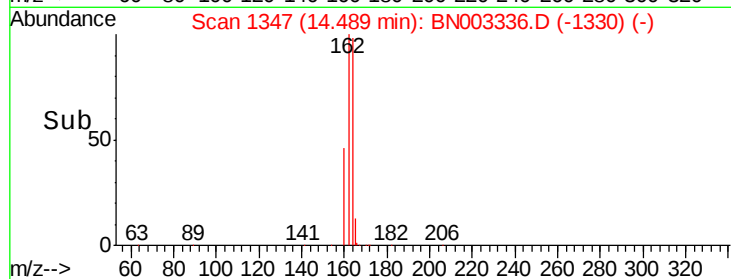
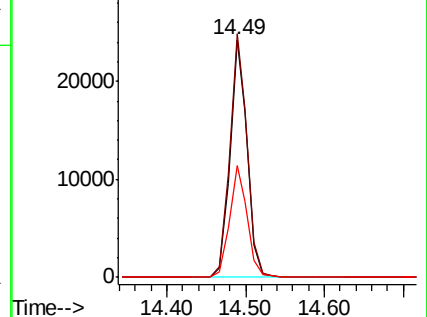
160 47.2 37.2 55.8



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: 0.383 ng

RT: 15.98 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

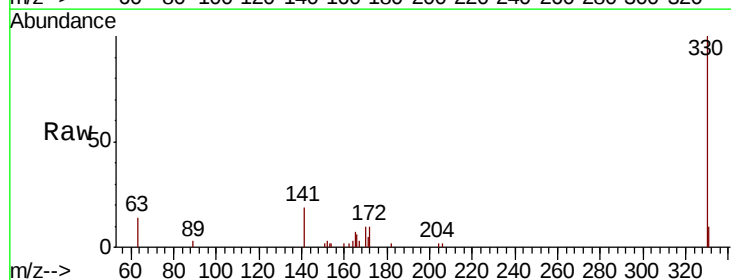
Tgt Ion:330 Resp: 5624

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

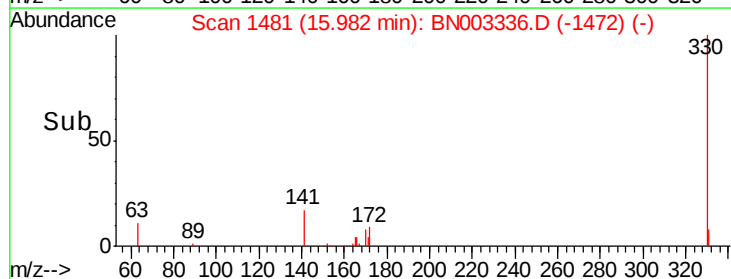
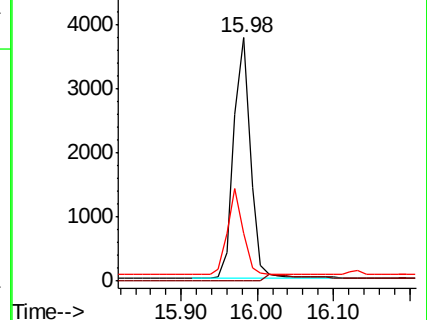
141 34.0 28.3 42.5

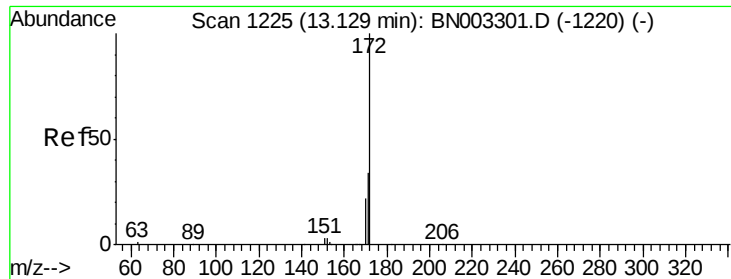


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

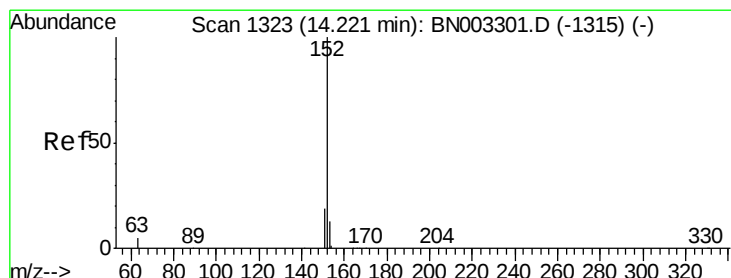
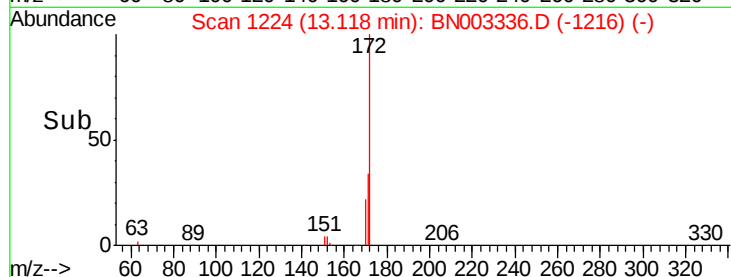
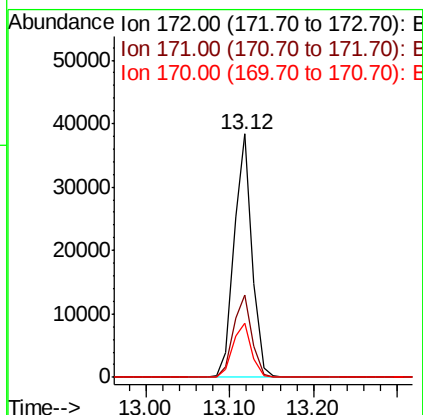
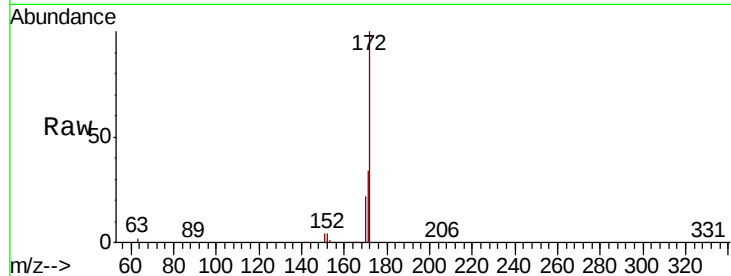




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

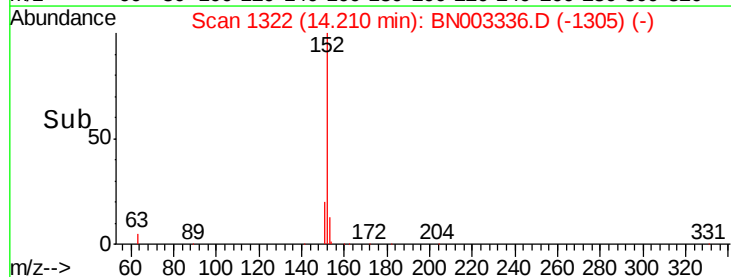
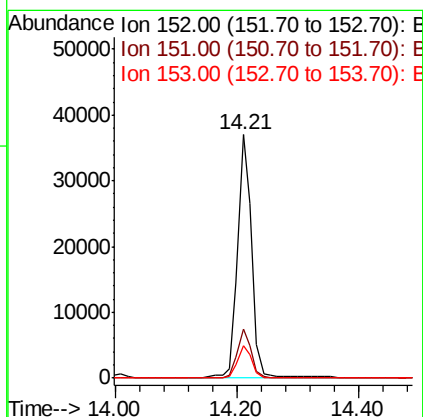
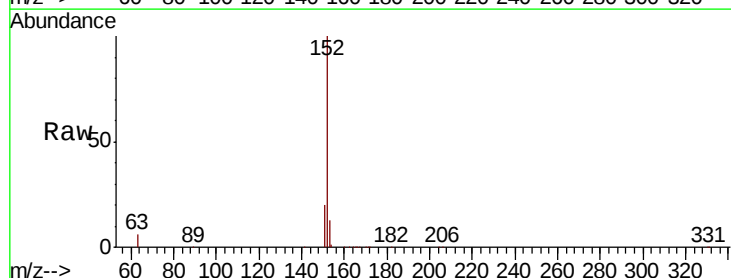
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

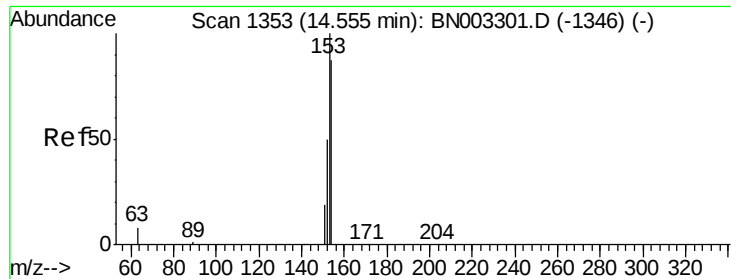
Tgt Ion:172 Resp: 56400
Ion Ratio Lower Upper
172 100
171 34.0 27.1 40.7
170 22.2 17.4 26.0



#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:152 Resp: 58372
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.362 ng

RT: 14.56 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

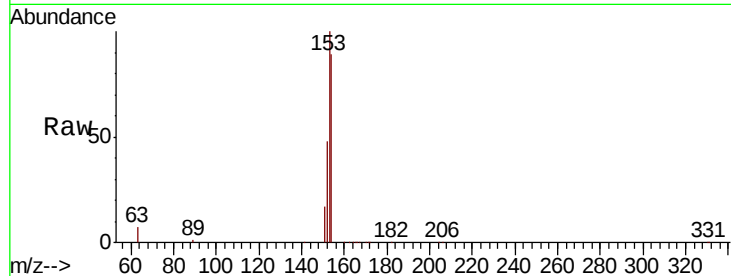
Tgt Ion:154 Resp: 41247

Ion Ratio Lower Upper

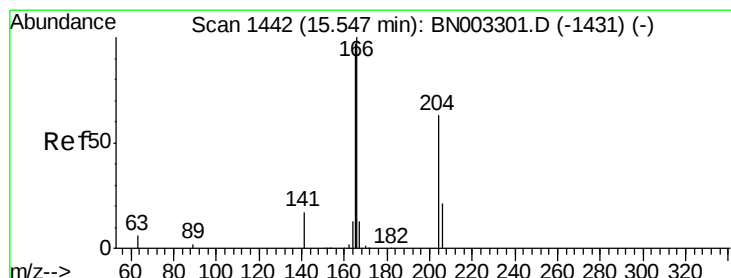
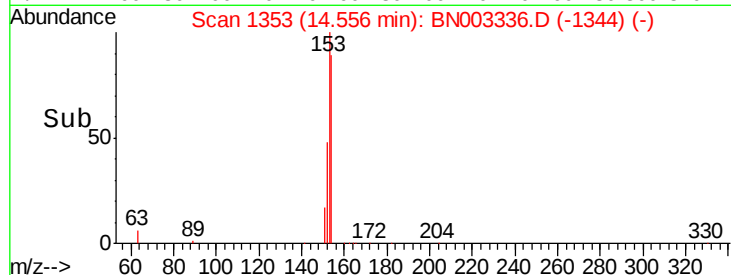
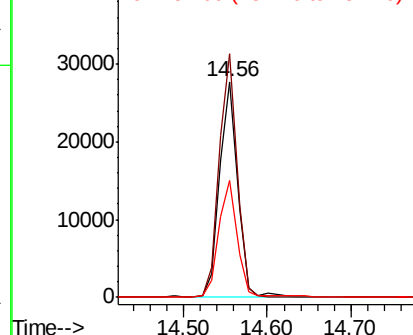
154 100

153 111.9 88.9 133.3

152 54.5 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: 0.348 ng

RT: 15.54 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

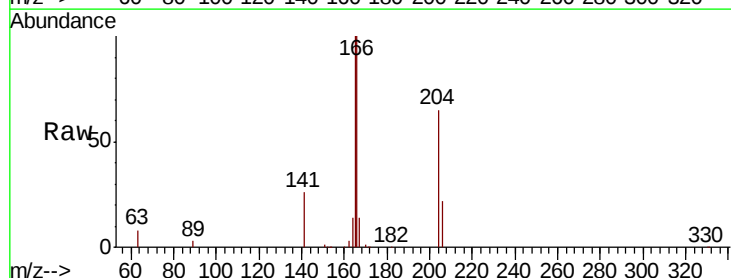
Tgt Ion:166 Resp: 49510

Ion Ratio Lower Upper

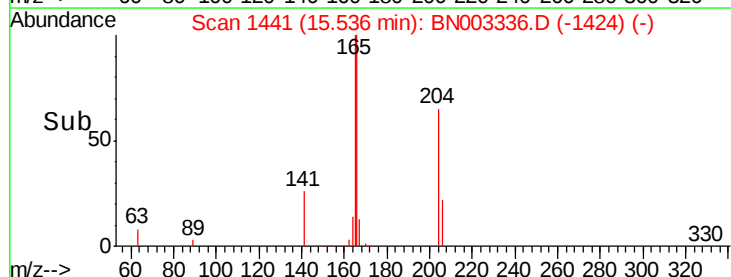
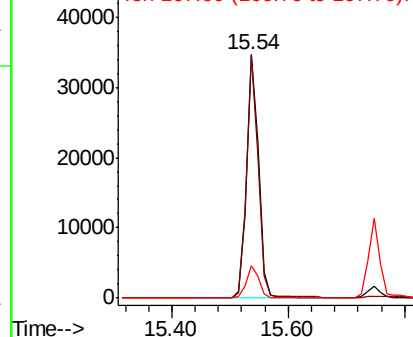
166 100

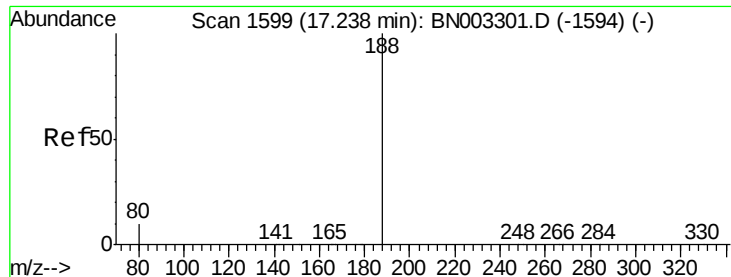
165 97.8 77.8 116.8

167 13.5 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: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

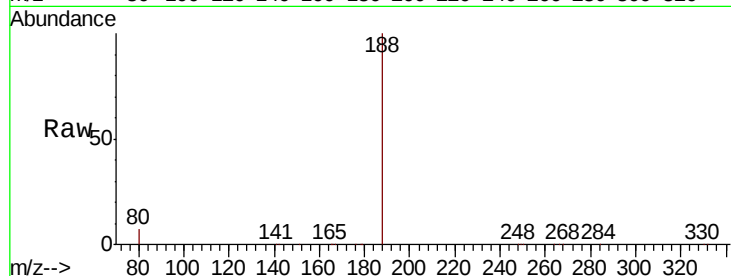
Tgt Ion:188 Resp: 86776

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

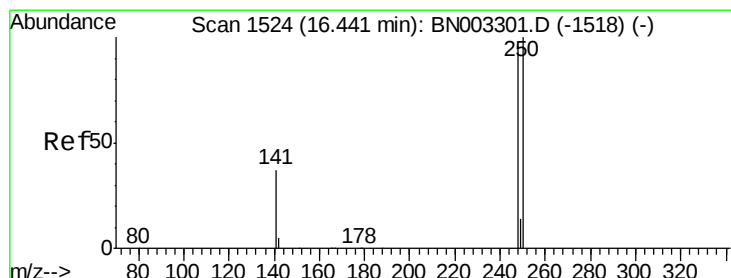
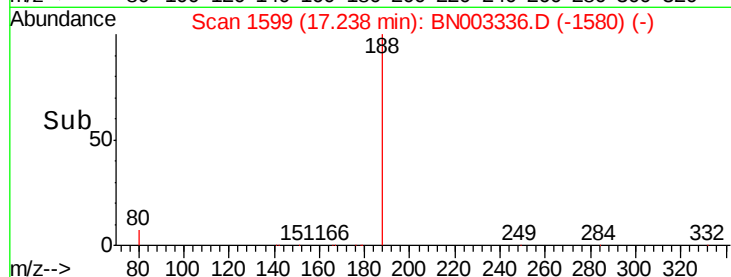
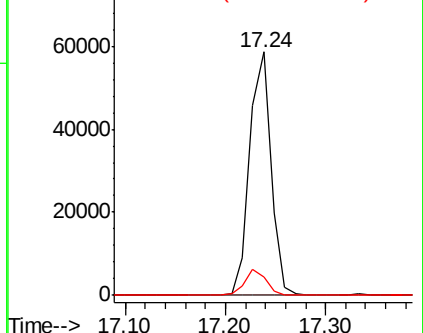
80 7.4 8.6 12.8#



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: 0.358 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

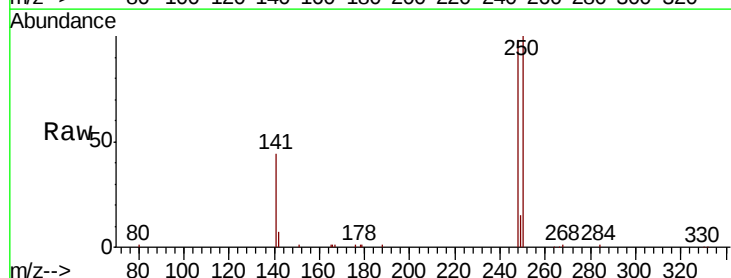
Tgt Ion:248 Resp: 17986

Ion Ratio Lower Upper

248 100

250 102.4 83.7 125.5

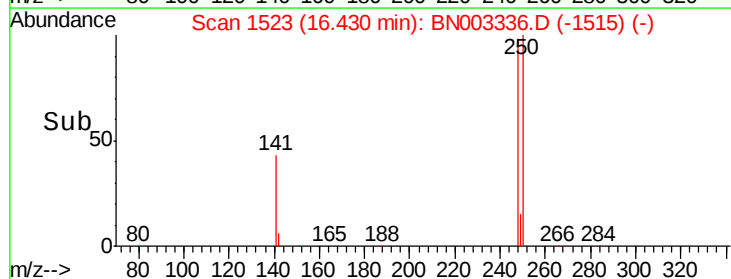
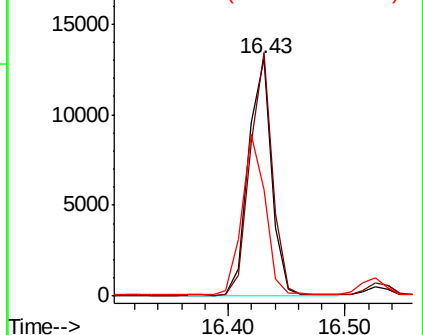
141 44.8 31.4 47.0

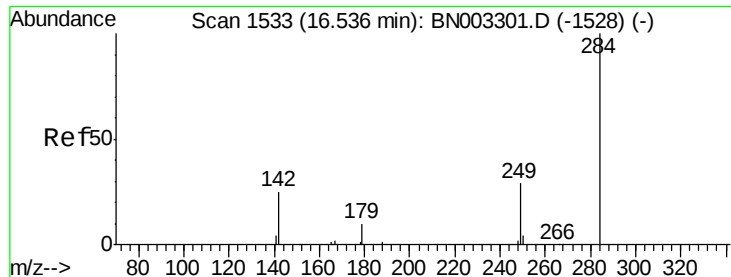


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

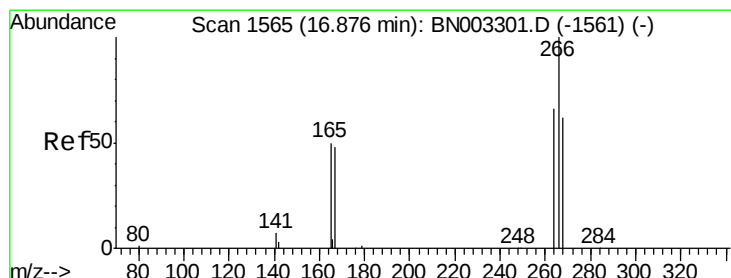
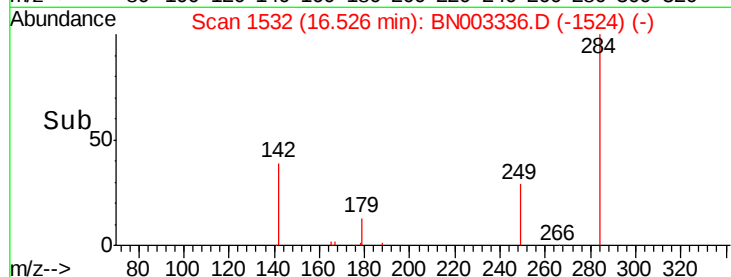
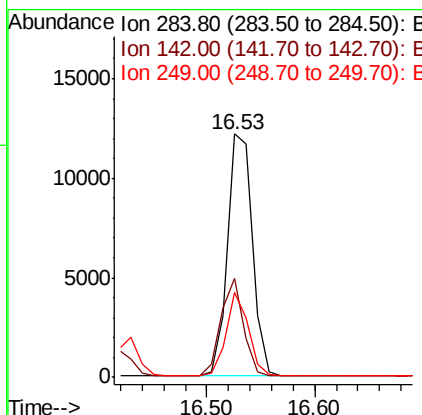
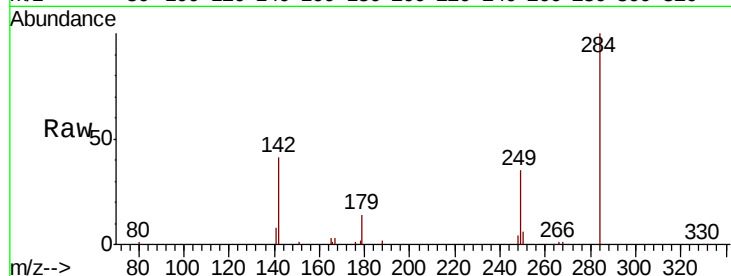




#21
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.53 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

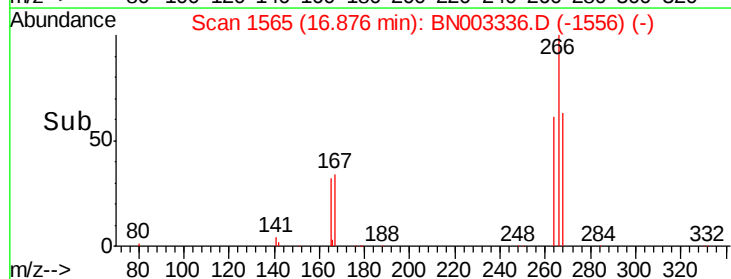
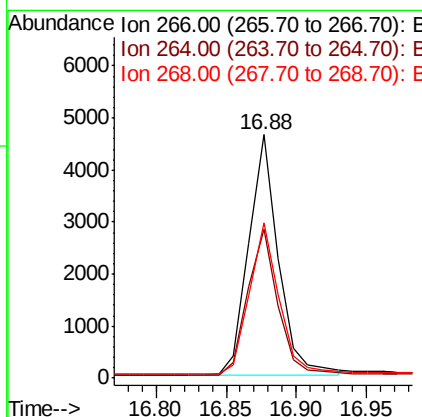
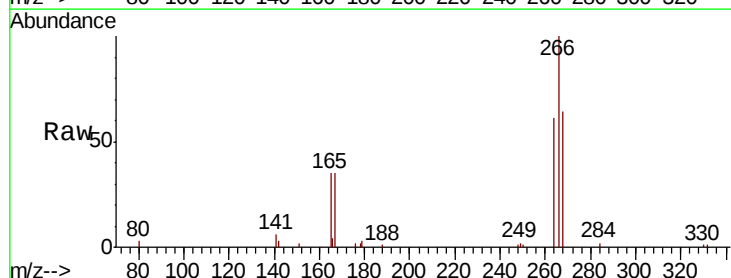
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

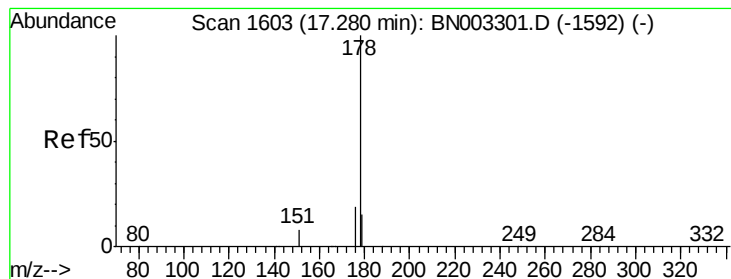
Tgt Ion:284 Resp: 19381
Ion Ratio Lower Upper
284 100
142 36.0 29.7 44.5
249 30.3 24.0 36.0



#22
Pentachlorophenol
Concen: 0.473 ng
RT: 16.88 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:266 Resp: 6787
Ion Ratio Lower Upper
266 100
264 61.2 52.1 78.1
268 63.6 51.8 77.6





#23

Phenanthrene

Concen: 0.355 ng

RT: 17.28 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

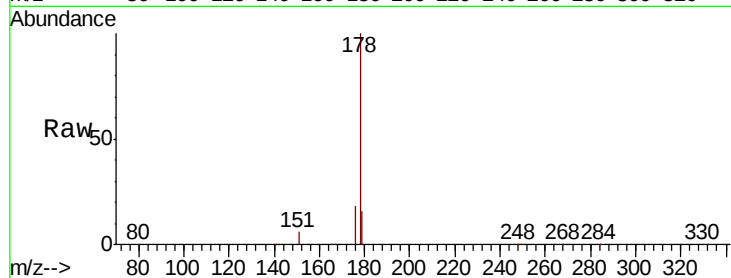
Tgt Ion:178 Resp: 84477

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

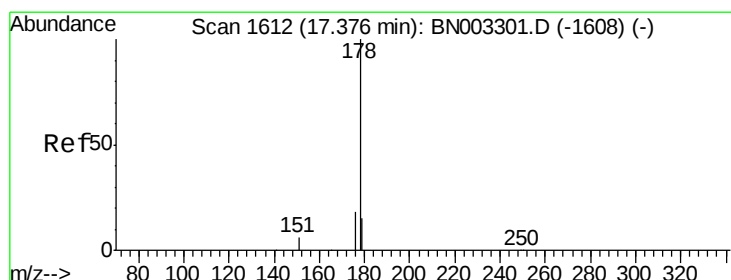
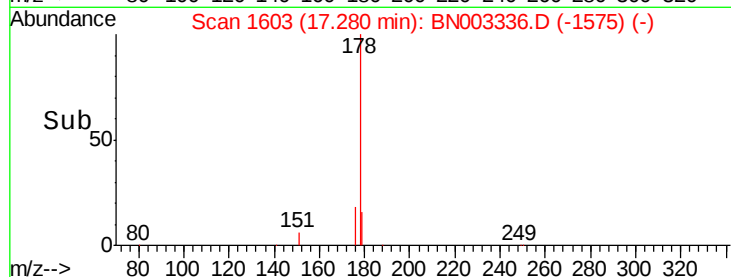
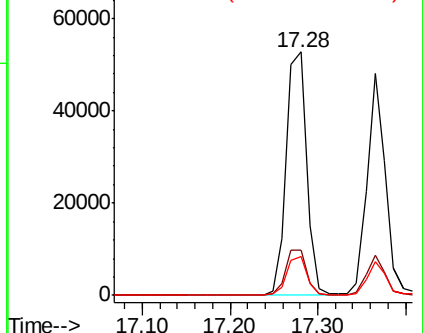
179 15.3 12.4 18.6



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: 0.346 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

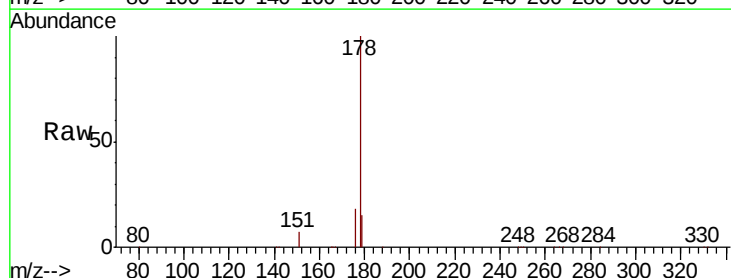
Tgt Ion:178 Resp: 70718

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

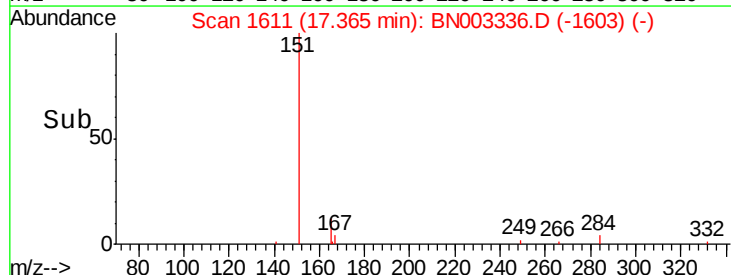
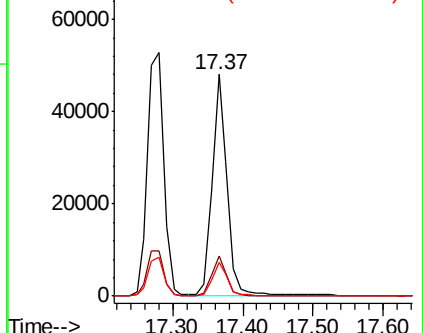
179 15.2 12.2 18.4

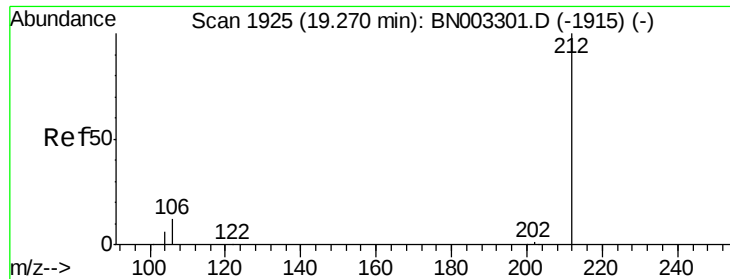


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

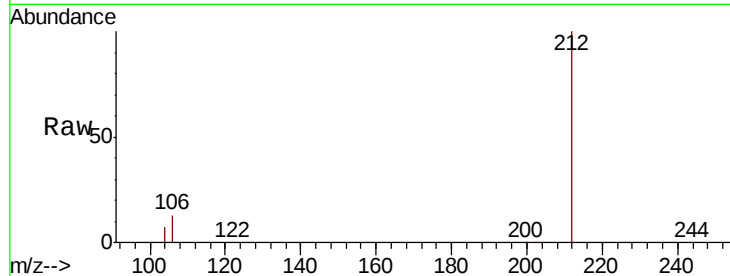




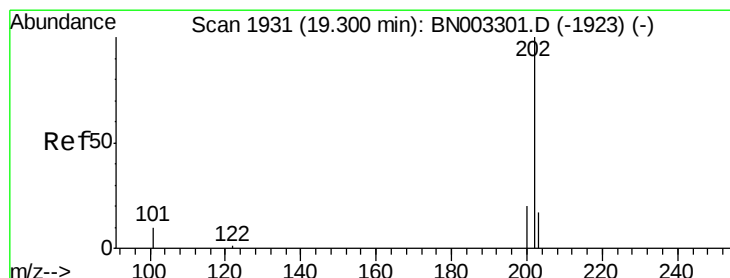
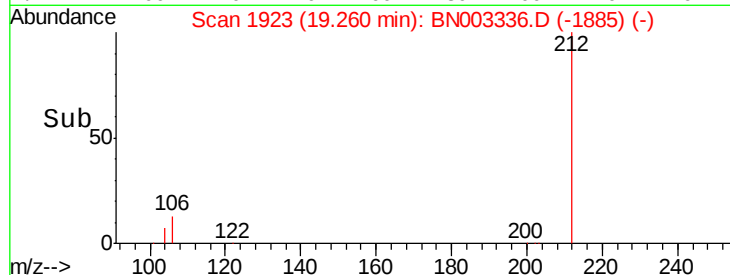
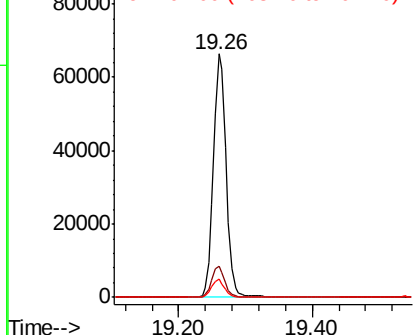
#25
 Fluoranthene-d10
 Concen: 0.347 ng
 RT: 19.26 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BN003336.D
 Acq: 29 Oct 2018 17:15

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 212 Resp: 87553
 Ion Ratio Lower Upper
 212 100
 106 12.6 10.3 15.5
 104 6.9 5.6 8.4

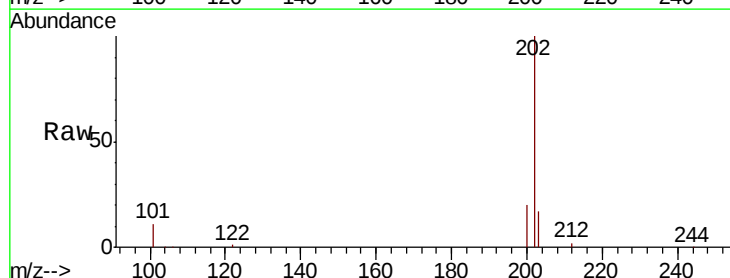


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

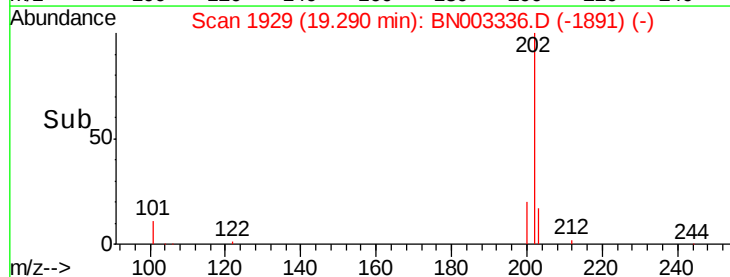
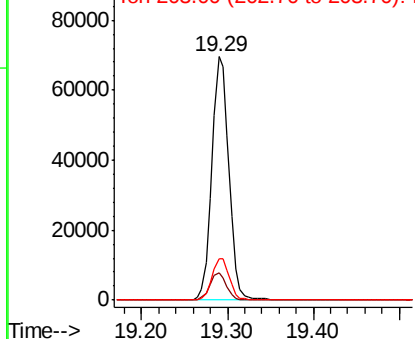


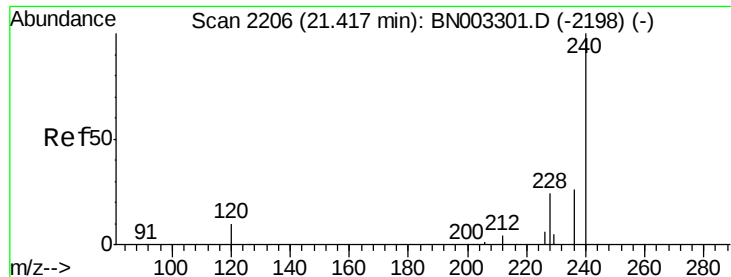
#26
 Fluoranthene
 Concen: 0.346 ng
 RT: 19.29 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BN003336.D
 Acq: 29 Oct 2018 17:15

Tgt Ion: 202 Resp: 94660
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.0 13.4
 203 17.1 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

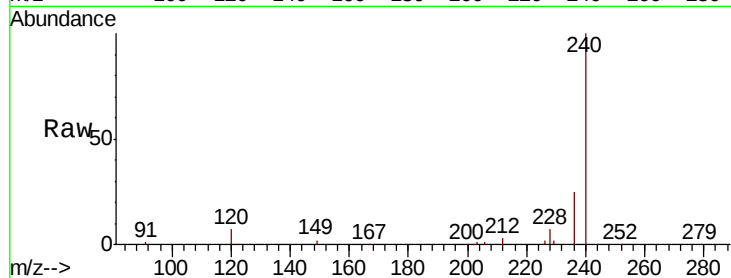




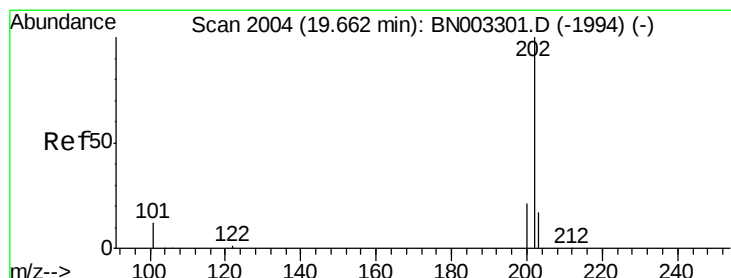
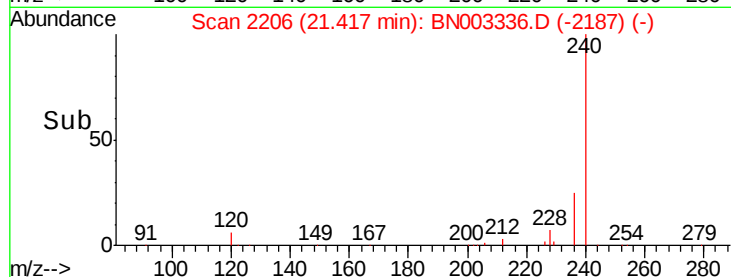
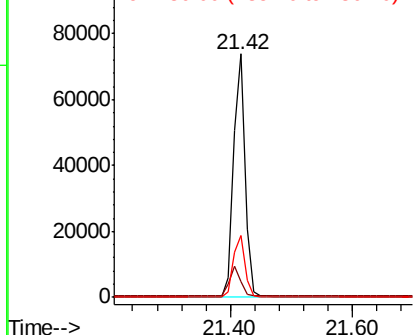
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 98059
Ion Ratio Lower Upper
240 100
120 6.5 9.3 13.9#
236 25.3 21.0 31.4

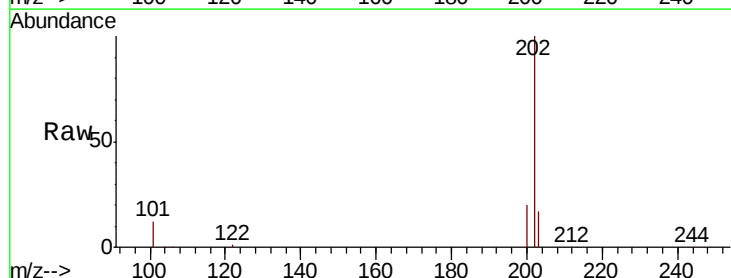


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

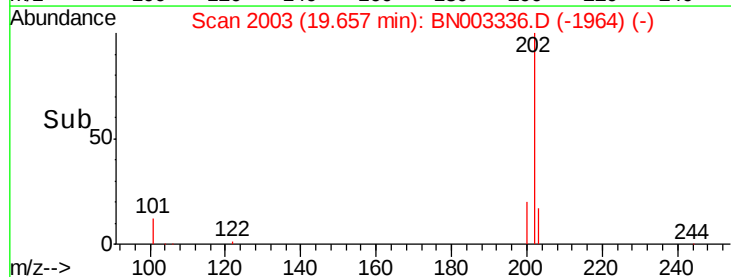
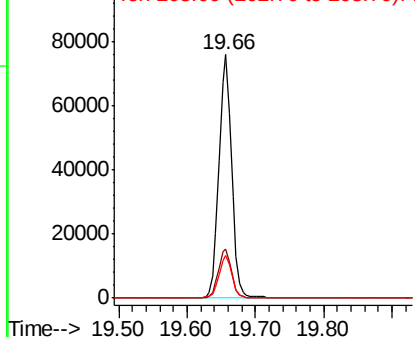


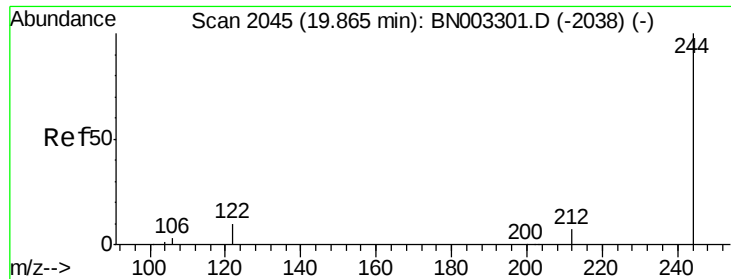
#28
Pyrene
Concen: 0.360 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:202 Resp: 97618
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: 0.344 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

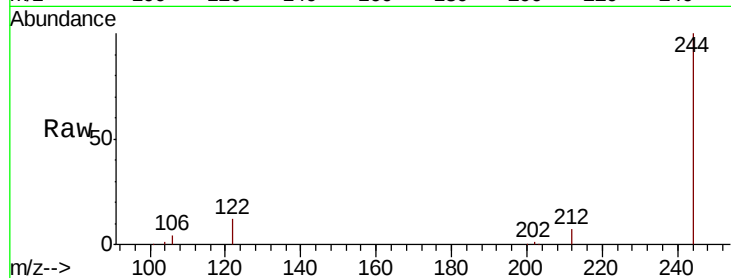
Tgt Ion:244 Resp: 78370

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

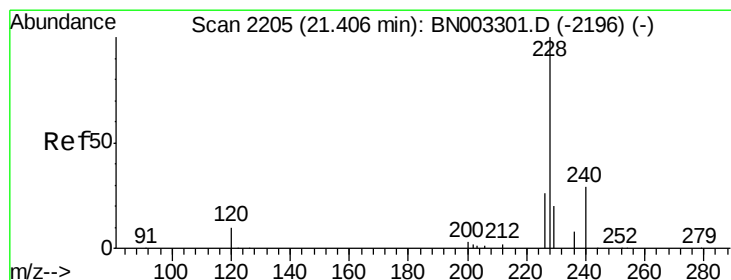
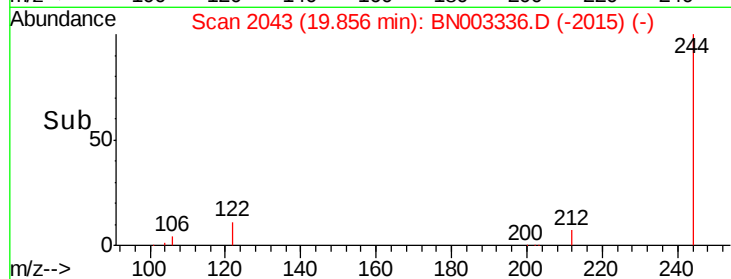
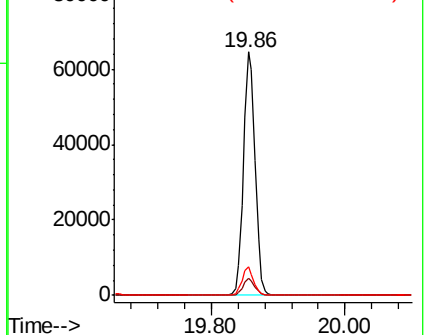
122 11.5 8.5 12.7



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: 0.364 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

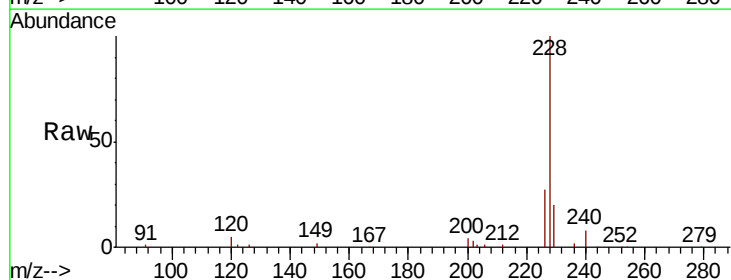
Tgt Ion:228 Resp: 93466

Ion Ratio Lower Upper

228 100

226 27.0 20.8 31.2

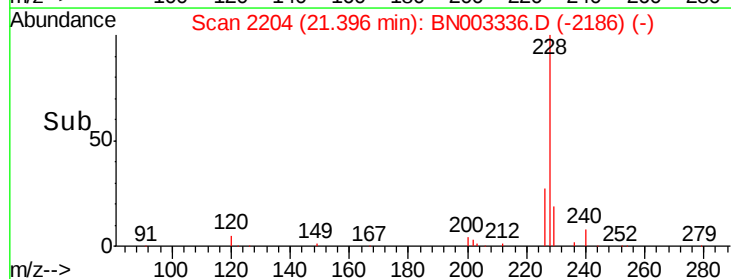
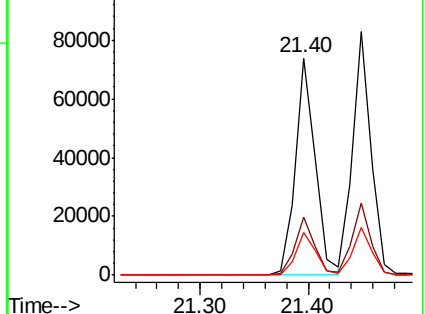
229 19.5 16.1 24.1

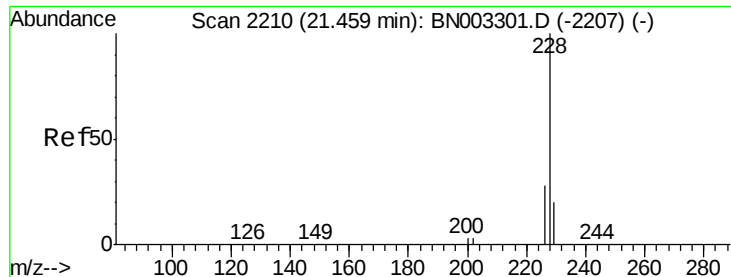


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.353 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

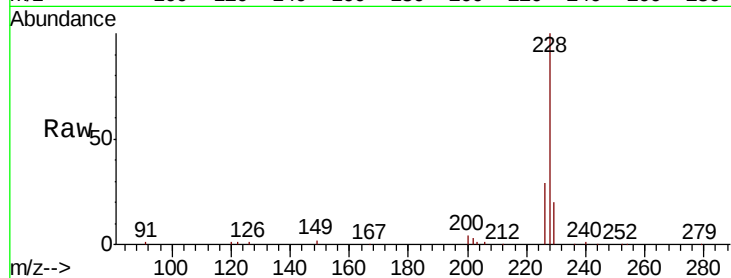
Tgt Ion:228 Resp: 97792

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

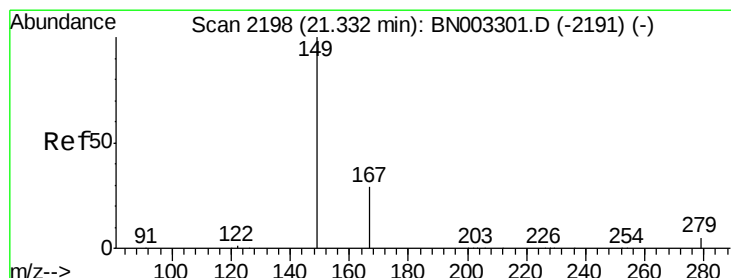
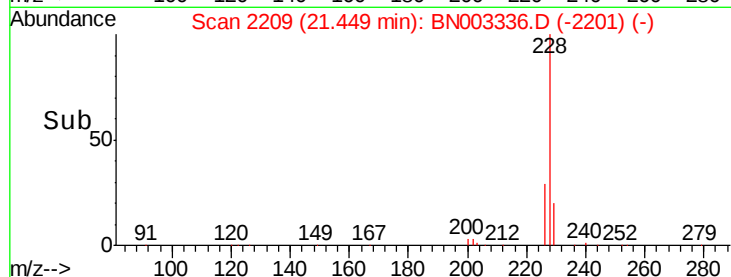
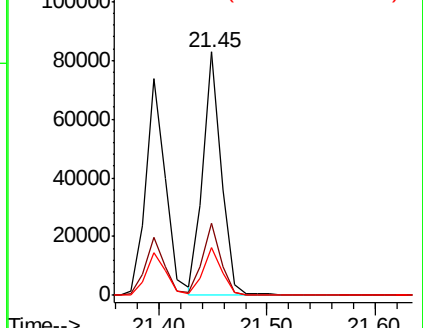
229 19.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.418 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

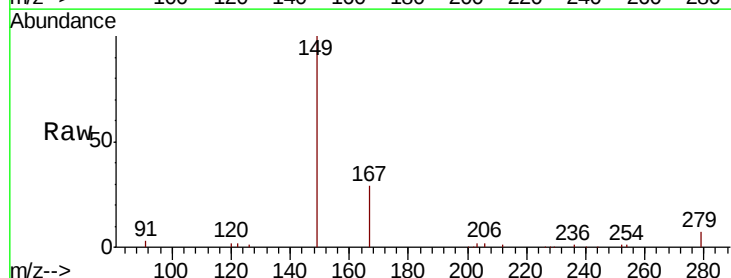
Tgt Ion:149 Resp: 31763

Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

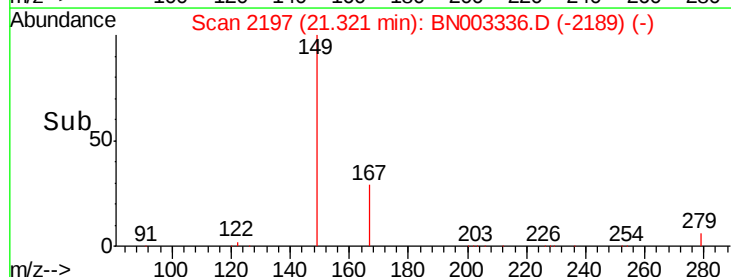
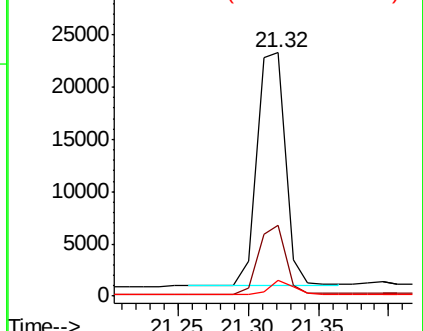
279 5.2 3.9 5.9

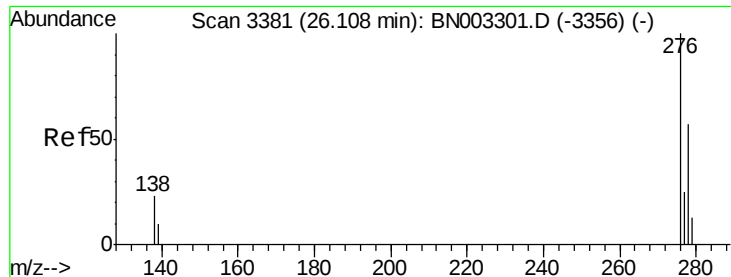


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.320 ng

RT: 26.09 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

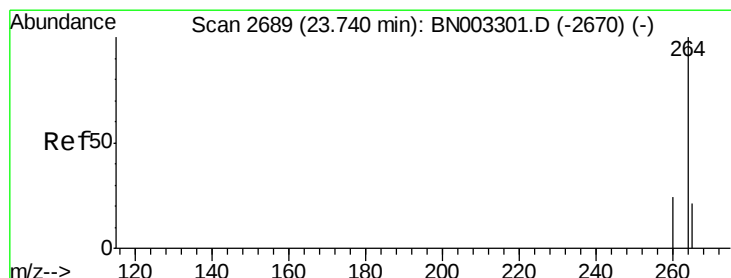
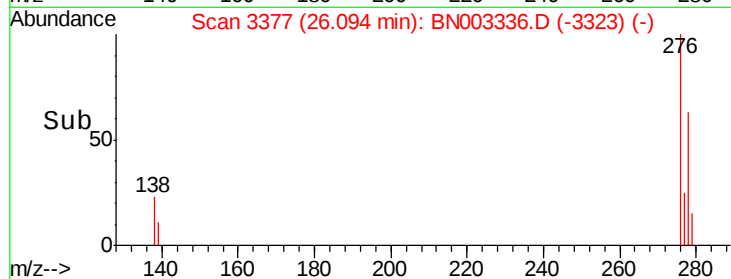
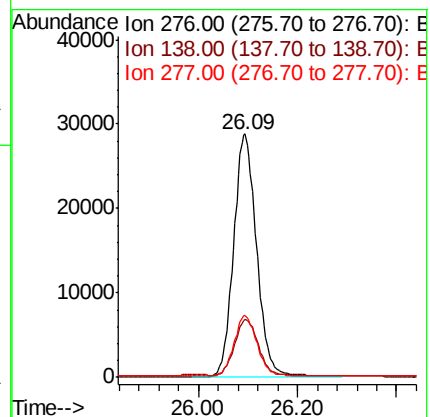
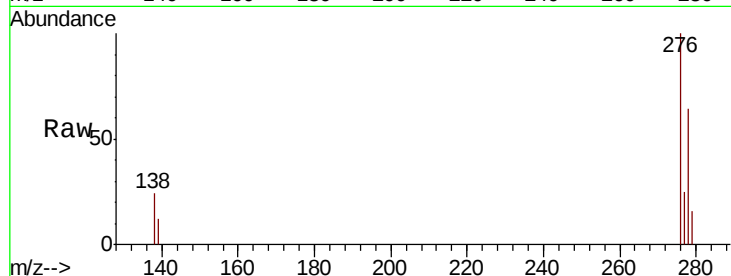
Tgt Ion:276 Resp: 91785

Ion Ratio Lower Upper

276 100

138 24.0 20.6 30.8

277 24.9 20.0 30.0



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2687

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

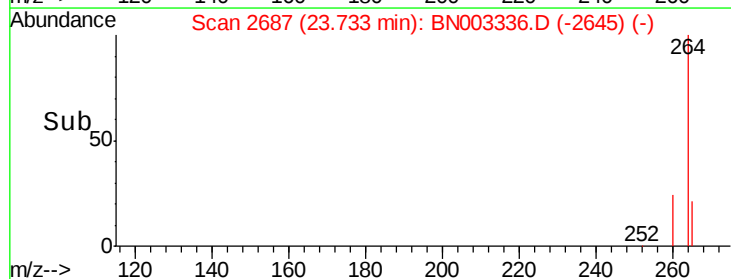
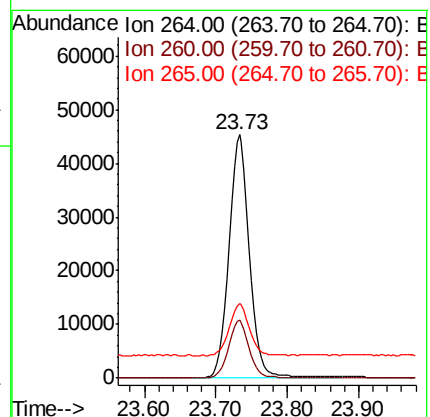
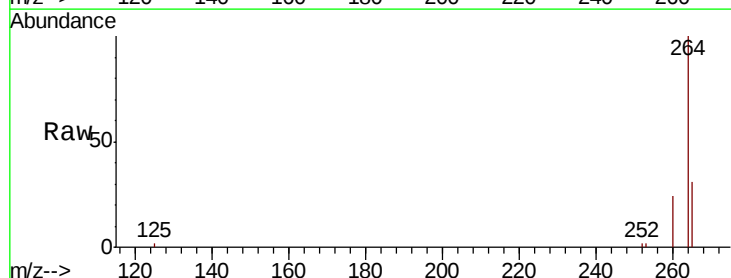
Tgt Ion:264 Resp: 89413

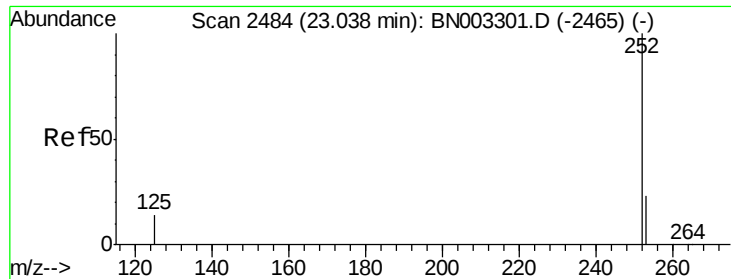
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 30.5 26.4 39.6





#35

Benzo(b)fluoranthene

Concen: 0.356 ng

RT: 23.03 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

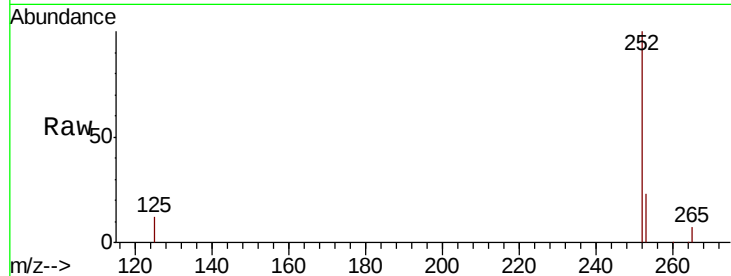
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:252 Resp: 99317

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	12.0	12.7	19.1#

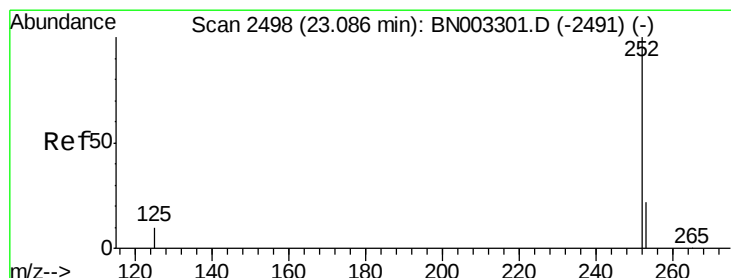
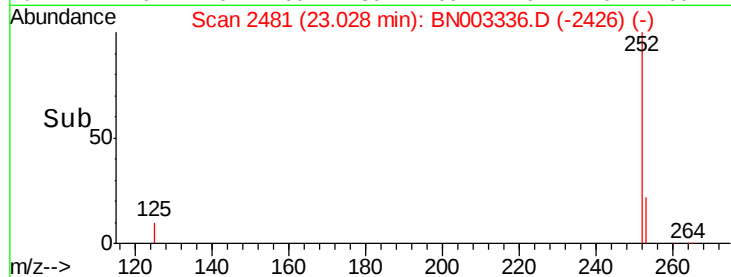
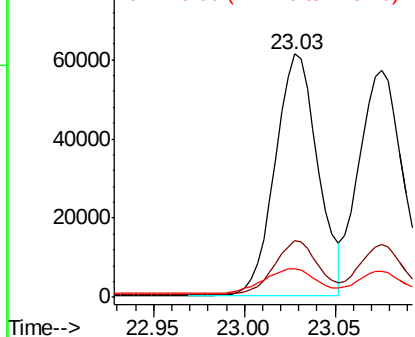


Abundance

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: 23.08 min Scan# 2495

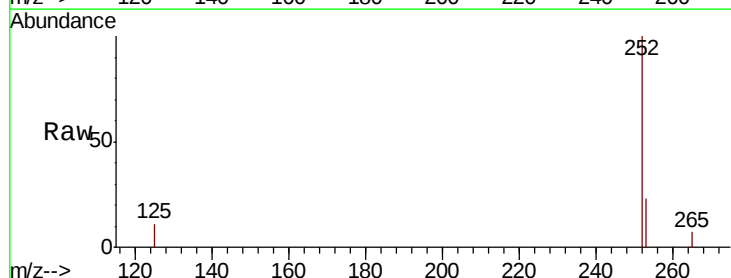
Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Tgt Ion:252 Resp: 97573

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.4	9.1	13.7

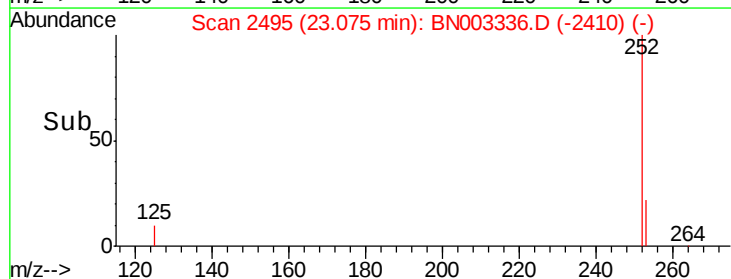
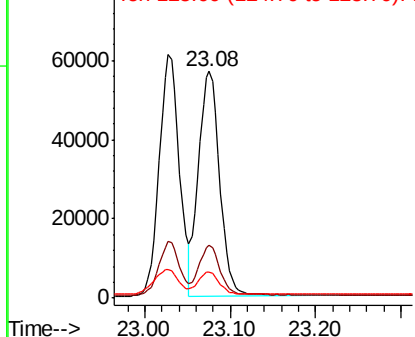


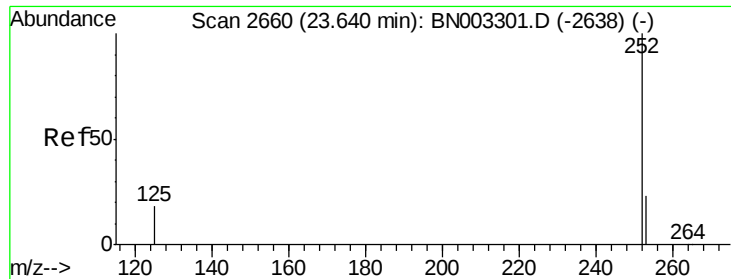
Abundance

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: 0.355 ng

RT: 23.63 min Scan# 2657

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

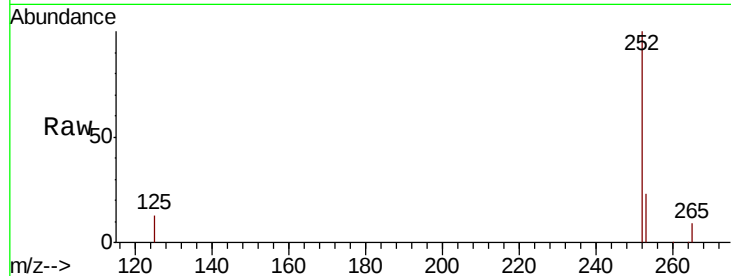
Tgt Ion:252 Resp: 90128

Ion Ratio Lower Upper

252 100

253 23.4 20.1 30.1

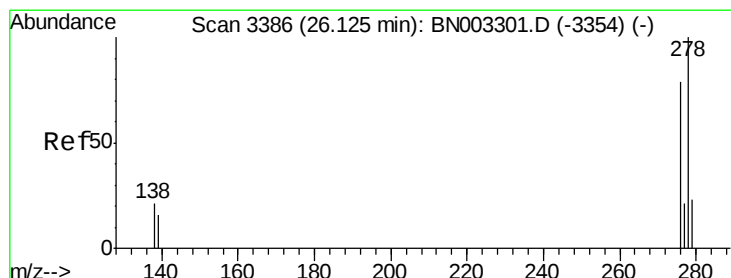
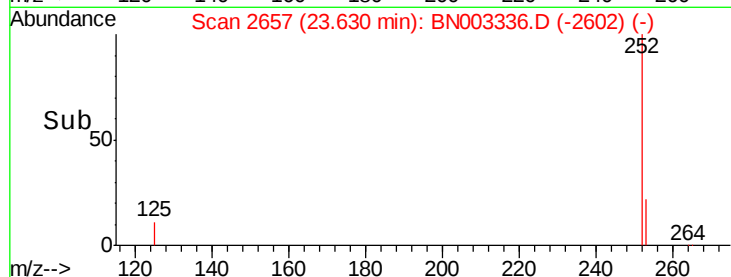
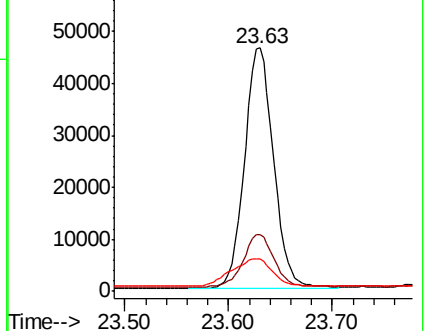
125 13.1 16.0 24.0#



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: 0.324 ng

RT: 26.11 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BN003336.D

Acq: 29 Oct 2018 17:15

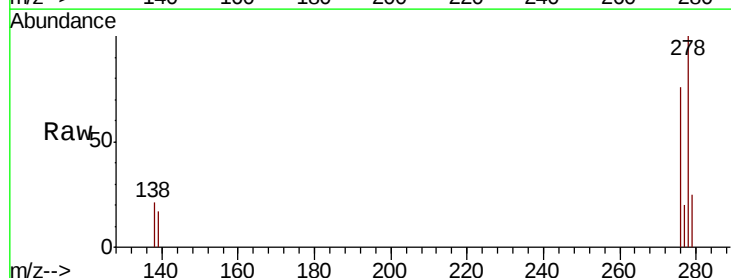
Tgt Ion:278 Resp: 76627

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

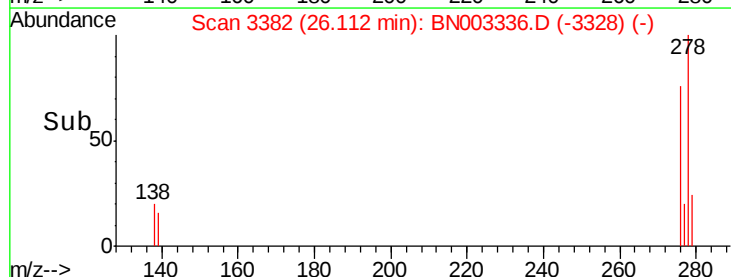
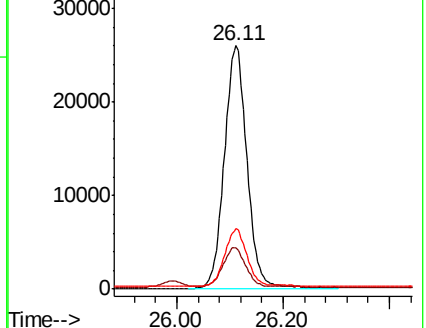
279 24.8 19.8 29.6

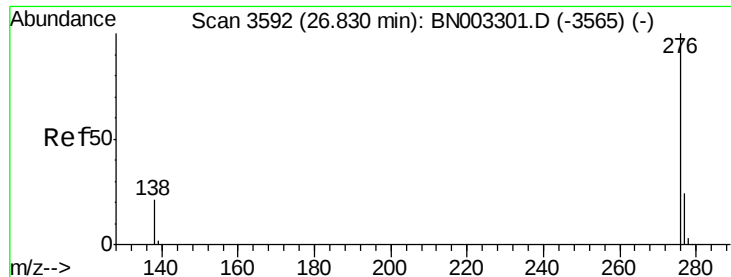


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.314 ng

RT: 26.82 min Scan# 3588

Delta R.T. -0.01 min

Lab File: BN003336.D

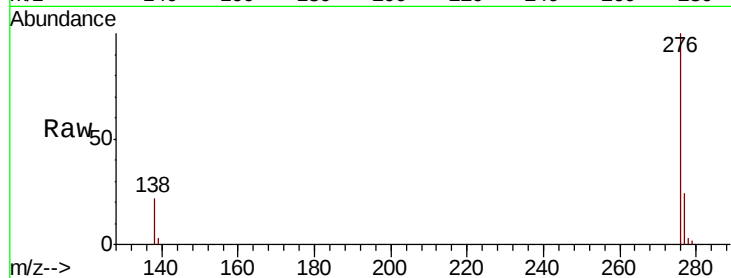
Acq: 29 Oct 2018 17:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 74360

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 21.9 17.4 26.2

