

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
 Data File : BN003316.D
 Acq On : 26 Oct 2018 21:48
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 27 00:44:54 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	7.87	152	13239	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	54983	0.40	ng	-0.01
13) Acenaphthene-d10	14.50	164	32544	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	79210	0.40	ng	0.00
27) Chrysene-d12	21.42	240	86777	0.40	ng	0.00
34) Perylene-d12	23.74	264	76434	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	11289	0.34	ng	0.00
5) Phenol-d6	7.01	99	14043	0.34	ng	0.00
8) Nitrobenzene-d5	9.02	82	9517	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	32614	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	4039	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	50196	0.36	ng	-0.01
25) Fluoranthene-d10	19.26	212	77369	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	71478	0.35	ng	0.00

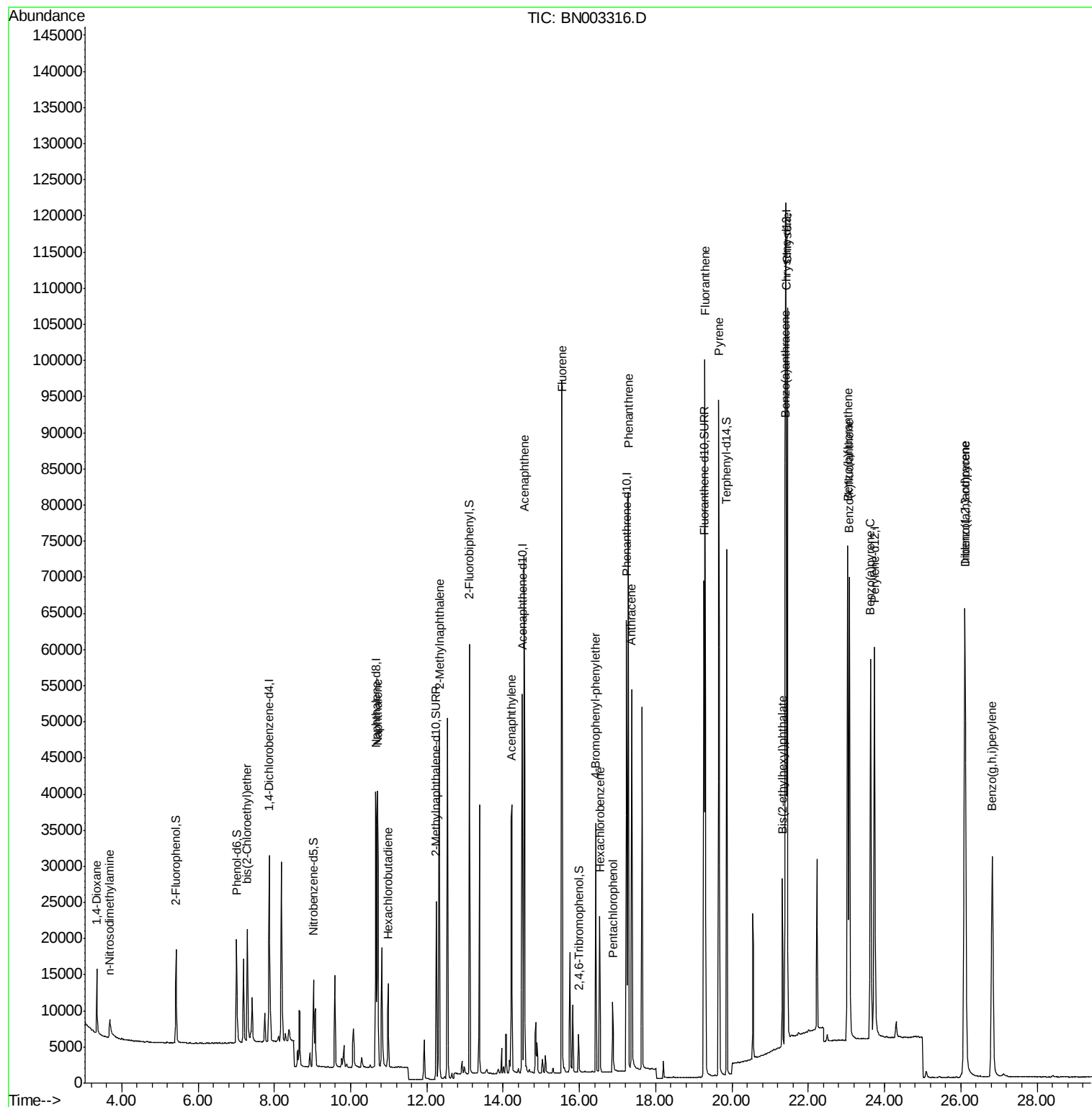
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	6113	0.357	ng	99
3) n-Nitrosodimethylamine	3.68	42	2790	0.354	ng	# 97
6) bis(2-Chloroethyl)ether	7.29	93	13883	0.376	ng	98
9) Naphthalene	10.71	128	50195	0.373	ng	99
10) Hexachlorobutadiene	10.99	225	9291	0.378	ng	# 99
12) 2-Methylnaphthalene	12.32	142	34400	0.366	ng	98
16) Acenaphthylene	14.22	152	46743	0.322	ng	100
17) Acenaphthene	14.56	154	35784	0.356	ng	99
18) Fluorene	15.55	166	44184	0.351	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	16252	0.354	ng	# 83
21) Hexachlorobenzene	16.54	284	18054	0.373	ng	100
22) Pentachlorophenol	16.88	266	4637	0.354	ng	99
23) Phenanthrene	17.28	178	78081	0.359	ng	100
24) Anthracene	17.37	178	60835	0.326	ng	100
26) Fluoranthene	19.29	202	84994	0.341	ng	100
28) Pyrene	19.66	202	85421	0.356	ng	100
30) Benzo(a)anthracene	21.40	228	73113	0.322	ng	97
31) Chrysene	21.45	228	88485	0.361	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	19188	0.285	ng	99
33) Indeno(1,2,3-cd)pyrene	26.10	276	84814	0.334	ng	98
35) Benzo(b)fluoranthene	23.03	252	86468	0.367	ng	# 96
36) Benzo(k)fluoranthene	23.08	252	87711	0.371	ng	100
37) Benzo(a)pyrene	23.63	252	76816	0.354	ng	# 94
38) Dibenzo(a,h)anthracene	26.12	278	69095	0.342	ng	100
39) Benzo(g,h,i)perylene	26.83	276	69575	0.344	ng	100

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

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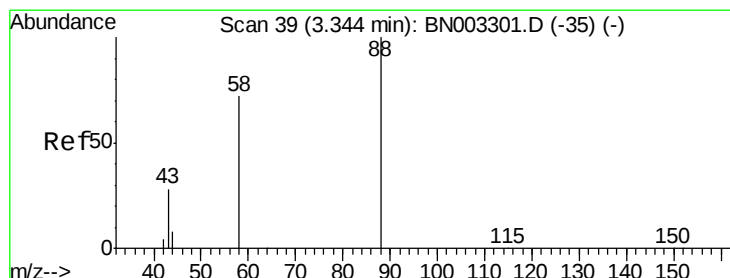
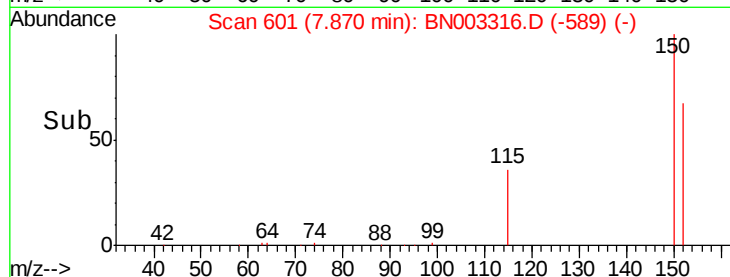
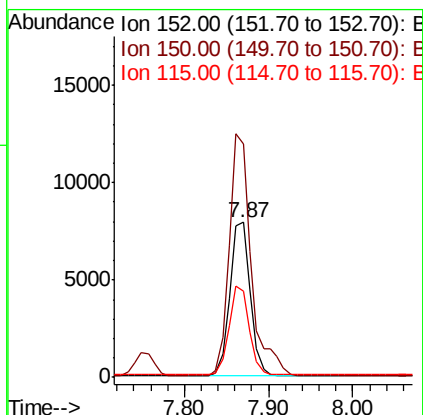
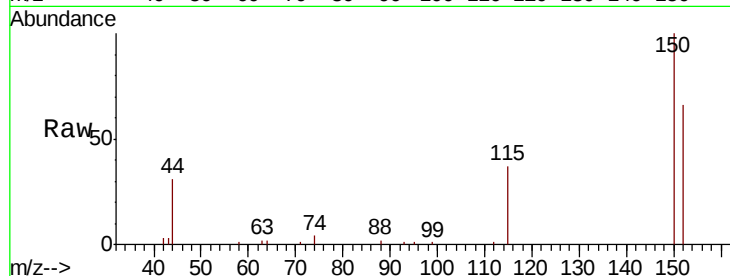


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.87 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BN003316.D
 Acq: 26 Oct 2018 21:48

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

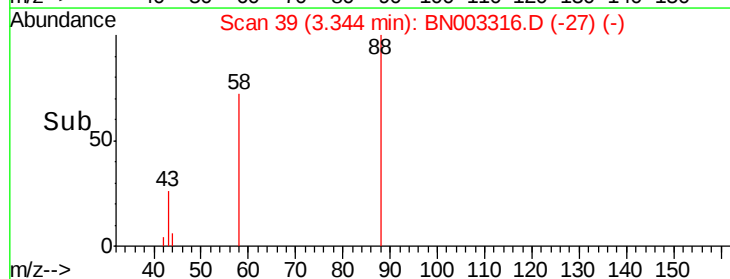
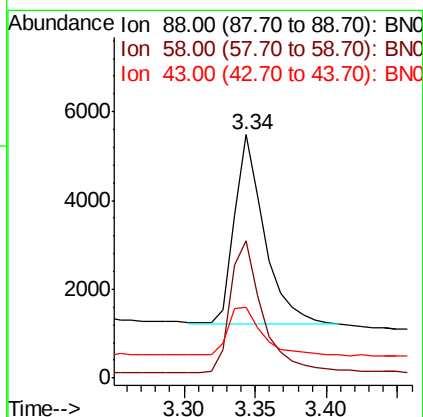
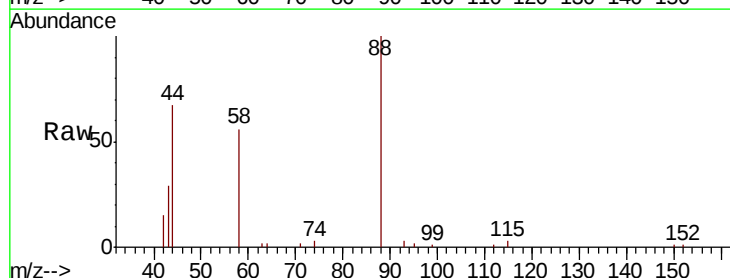
Tgt Ion: 152 Resp: 13239
 Ion Ratio Lower Upper
 152 100
 150 150.9 124.6 187.0
 115 55.5 46.4 69.6

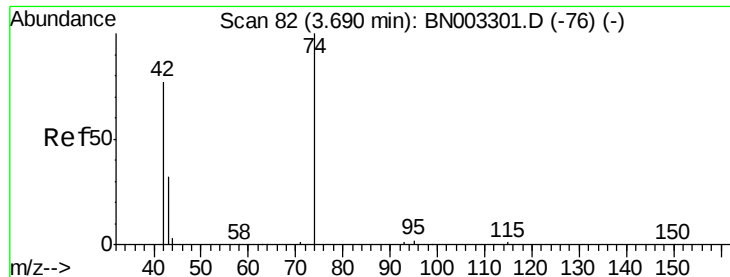


#2

1,4-Dioxane
 Concen: 0.357 ng
 RT: 3.34 min Scan# 39
 Delta R.T. -0.00 min
 Lab File: BN003316.D
 Acq: 26 Oct 2018 21:48

Tgt Ion: 88 Resp: 6113
 Ion Ratio Lower Upper
 88 100
 58 76.1 60.9 91.3
 43 28.4 23.9 35.9





#3

n-Nitrosodimethylamine

Concen: 0.354 ng

RT: 3.68 min Scan# 81

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

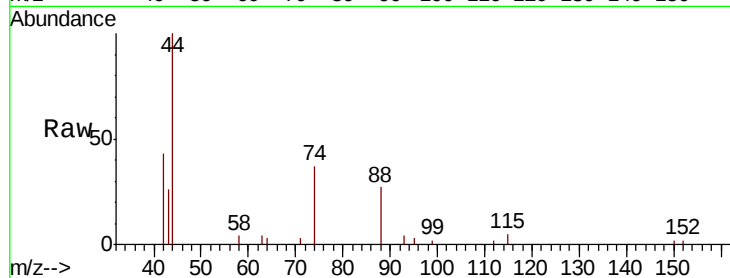
Tgt Ion: 42 Resp: 2790

Ion Ratio Lower Upper

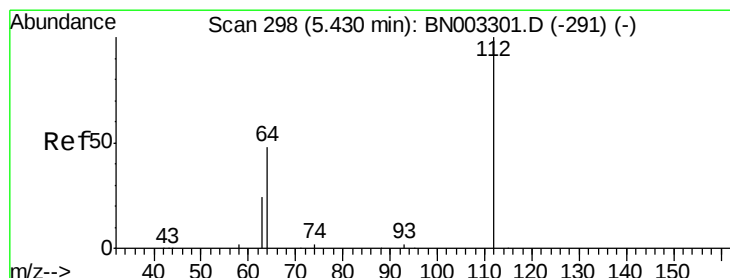
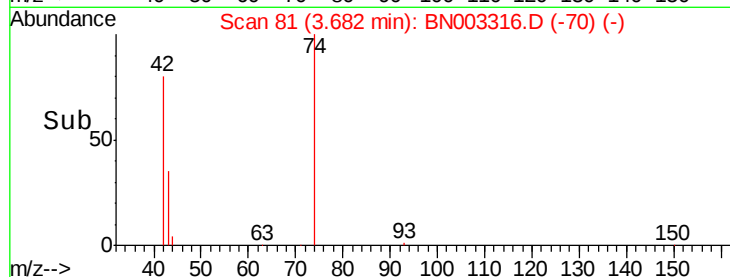
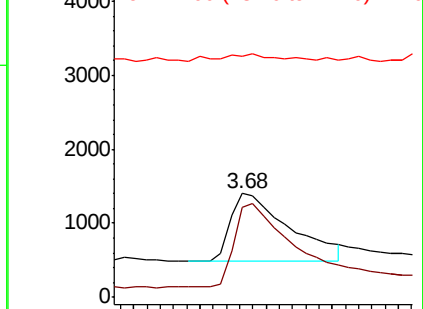
42 100

74 127.3 99.1 148.7

44 10.5 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: 0.344 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

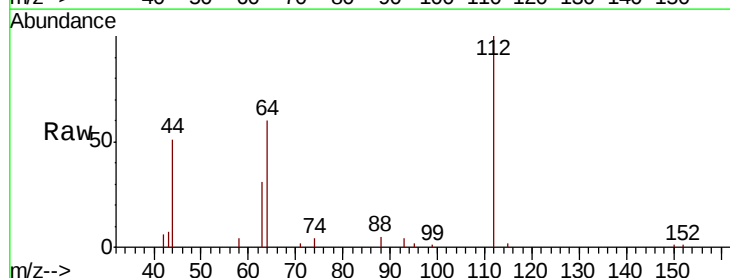
Tgt Ion: 112 Resp: 11289

Ion Ratio Lower Upper

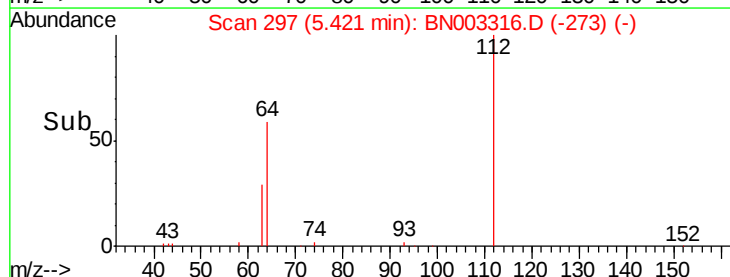
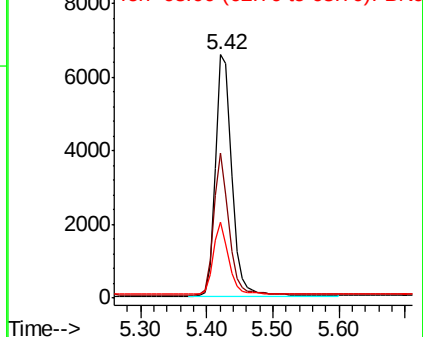
112 100

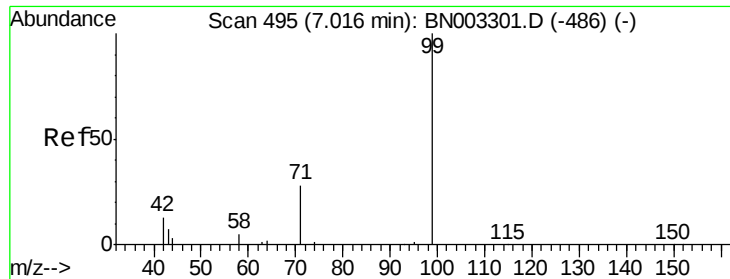
64 54.3 44.3 66.5

63 28.2 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: 0.339 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

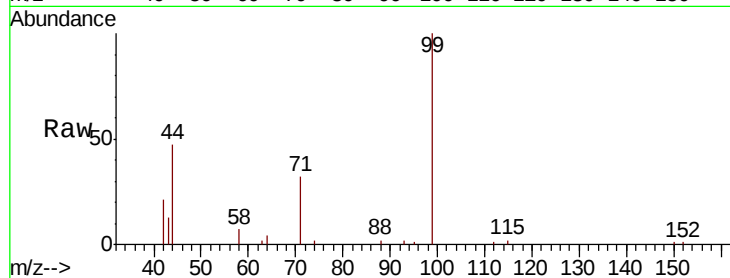
Tgt Ion: 99 Resp: 14043

Ion Ratio Lower Upper

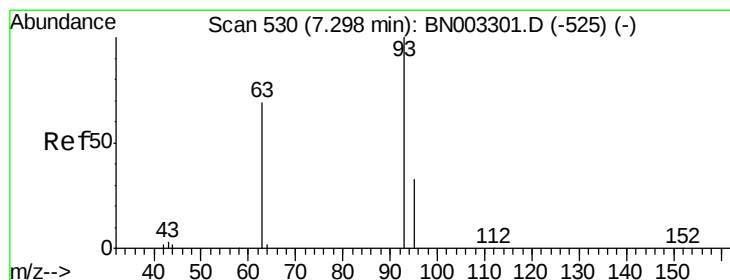
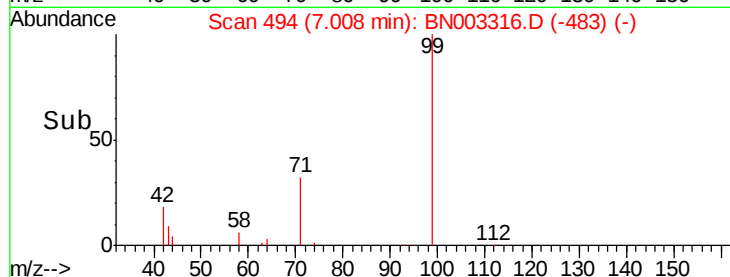
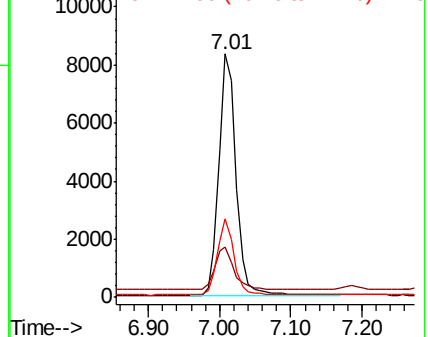
99 100

42 19.3 14.8 22.2

71 30.4 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: 0.376 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

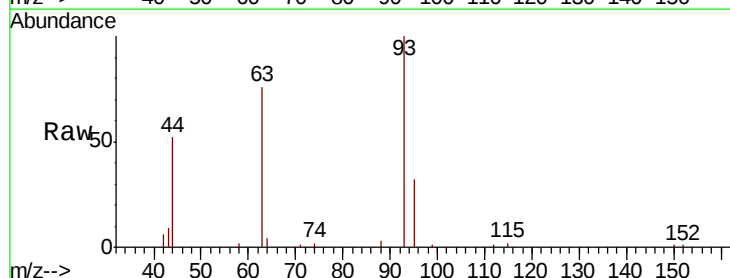
Tgt Ion: 93 Resp: 13883

Ion Ratio Lower Upper

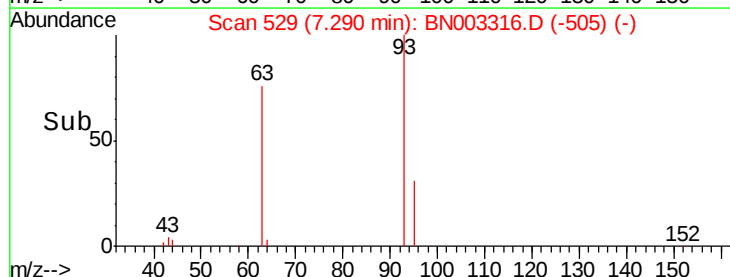
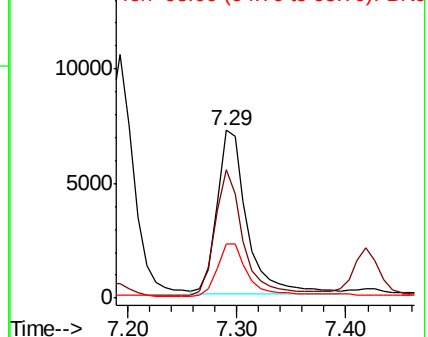
93 100

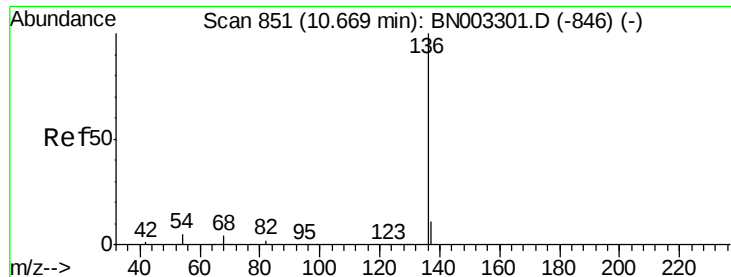
63 71.7 55.8 83.6

95 31.9 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: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 54983

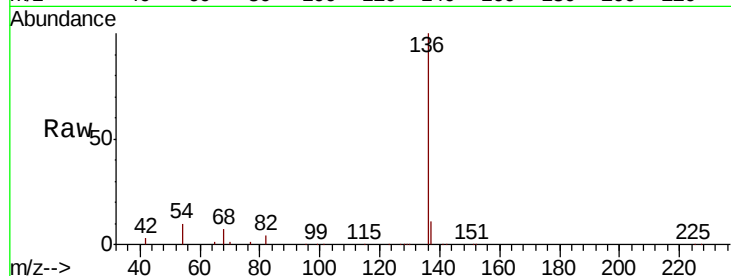
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 9.5 4.1 6.1#

68 7.3 3.5 5.3#

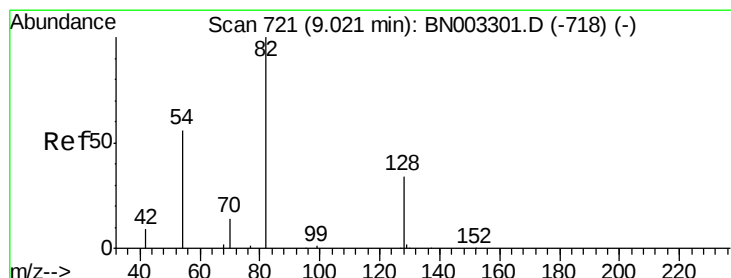
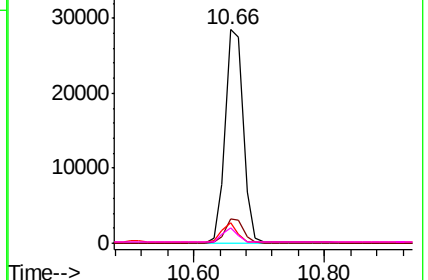
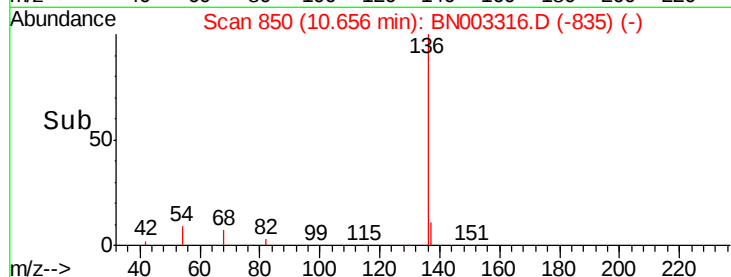


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

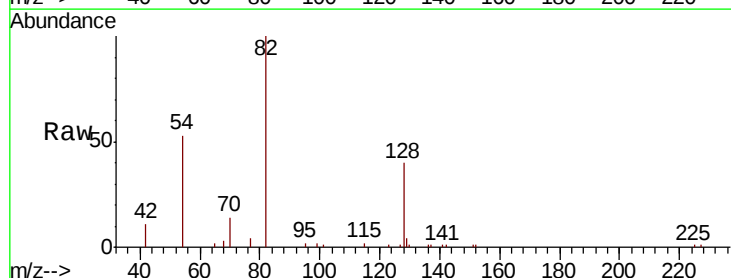
Tgt Ion: 82 Resp: 9517

Ion Ratio Lower Upper

82 100

128 39.7 28.9 43.3

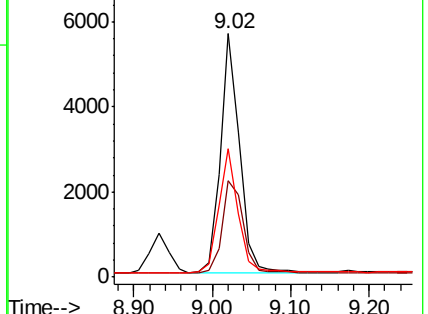
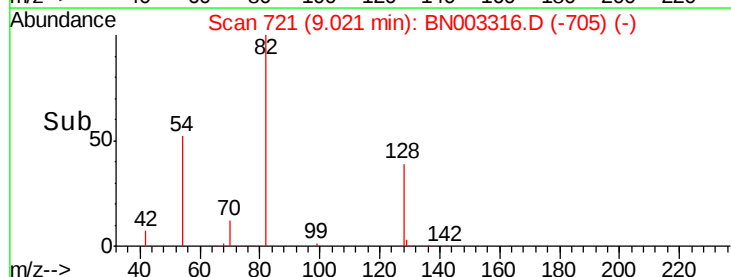
54 52.6 46.1 69.1

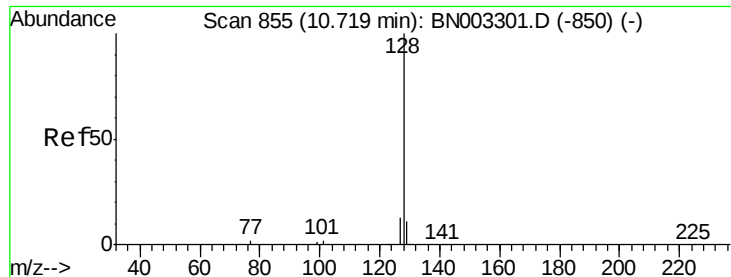


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.373 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

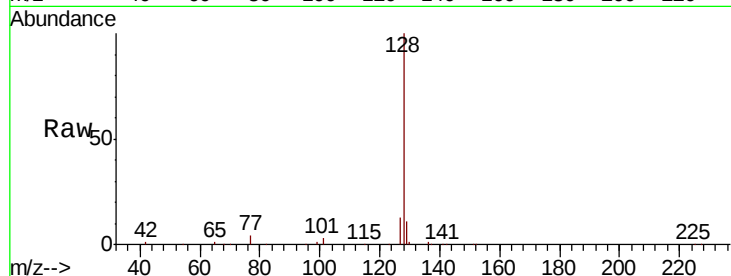
Tgt Ion:128 Resp: 50195

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

127 13.2 10.2 15.4

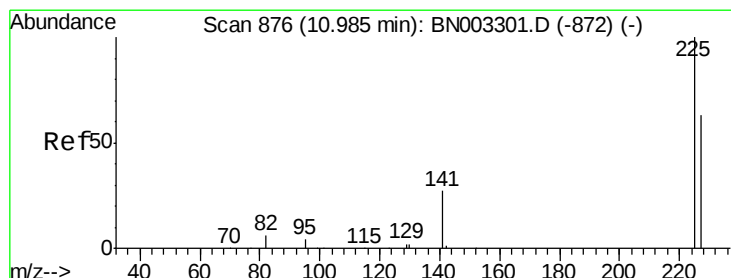
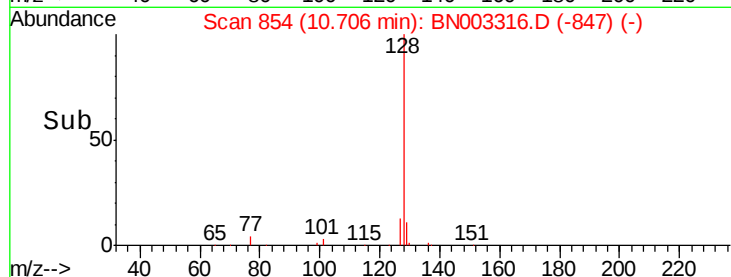
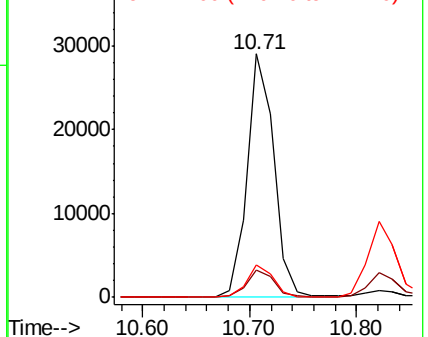


Abundance

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: 0.378 ng

RT: 10.99 min Scan# 876

Delta R.T. -0.00 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

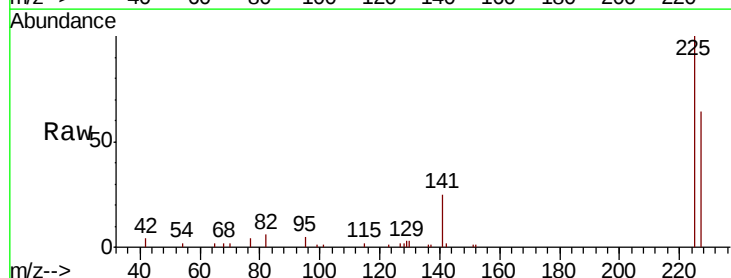
Tgt Ion:225 Resp: 9291

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.5 51.3 76.9

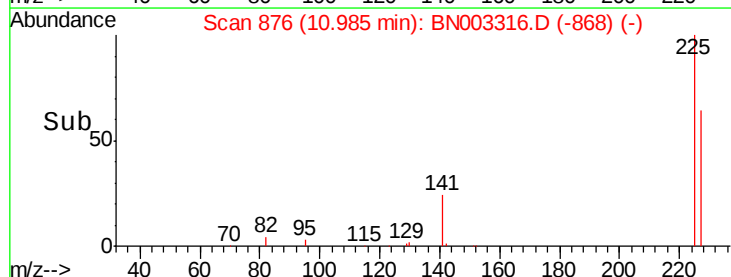
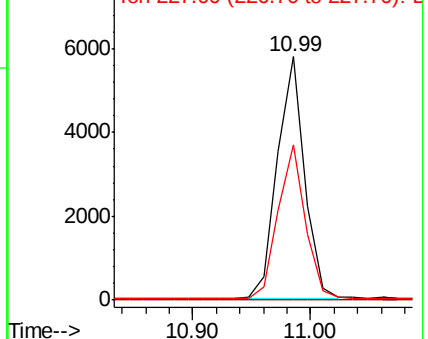


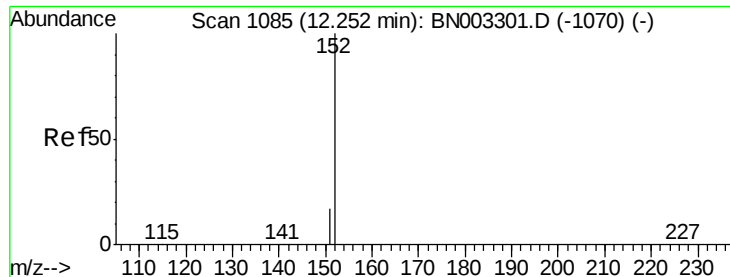
Abundance

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

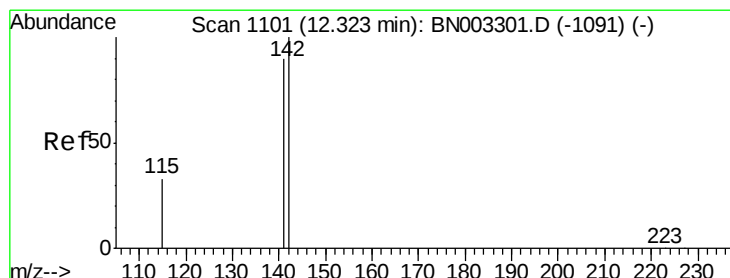
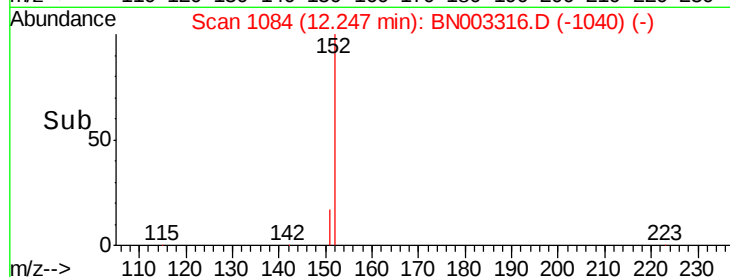
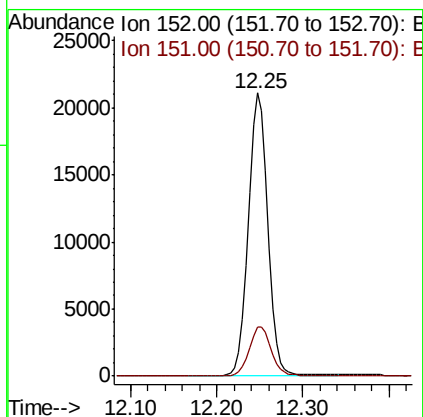
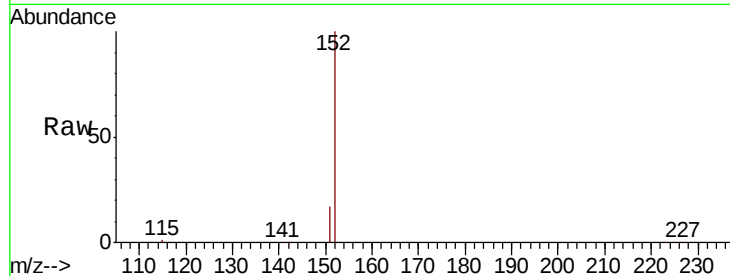




#11
 2-Methylnaphthalene-d10
 Concen: 0.364 ng
 RT: 12.25 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BN003316.D
 Acq: 26 Oct 2018 21:48

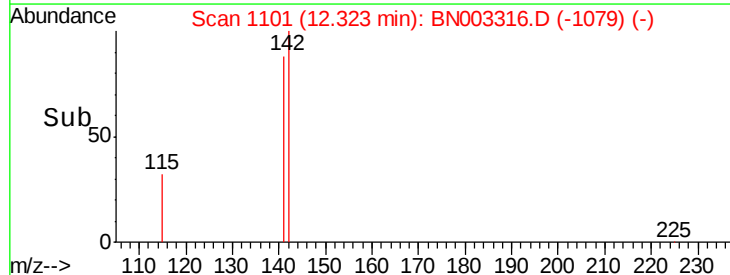
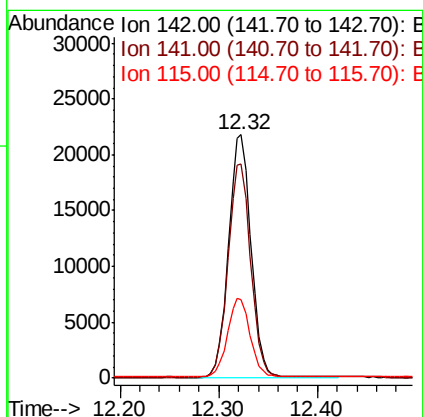
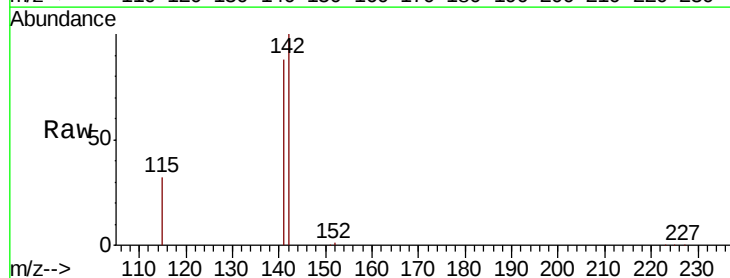
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

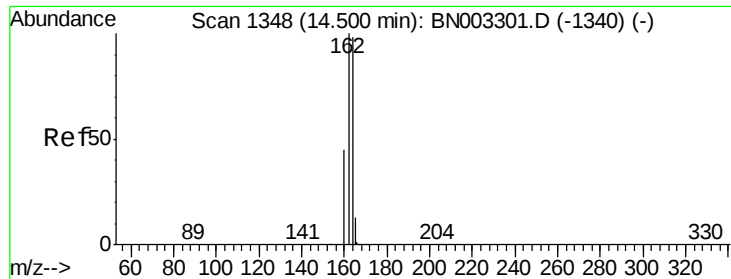
Tgt Ion:152 Resp: 32614
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.366 ng
 RT: 12.32 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BN003316.D
 Acq: 26 Oct 2018 21:48

Tgt Ion:142 Resp: 34400
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.9 107.9
 115 32.1 27.0 40.6

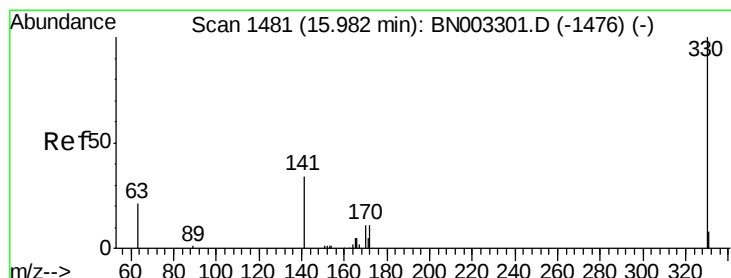
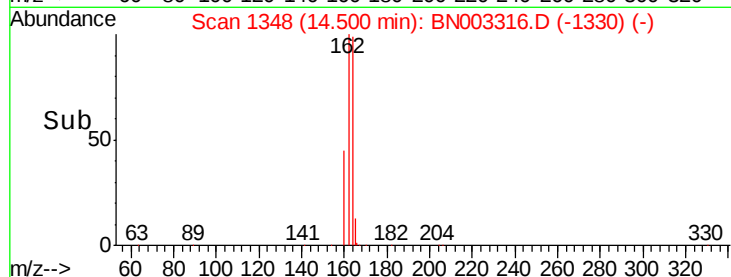
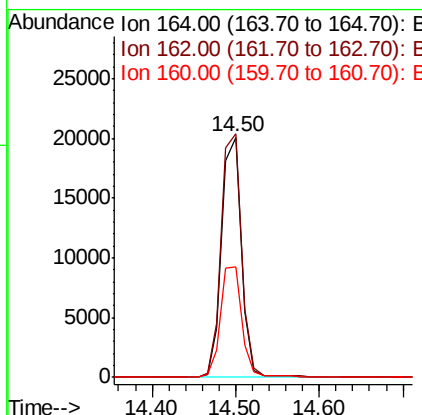
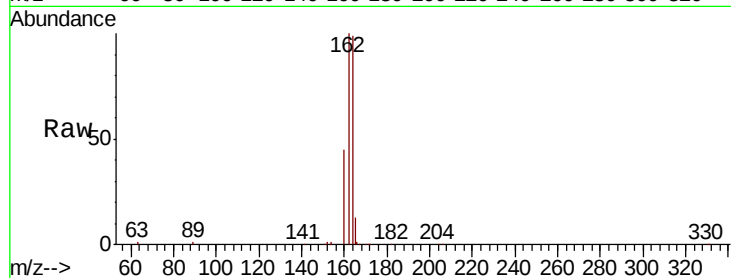




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BN003316.D
Acq: 26 Oct 2018 21:48

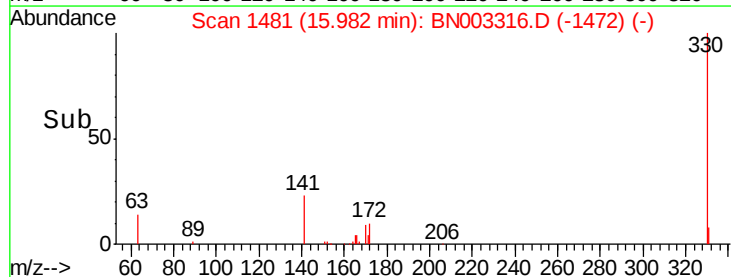
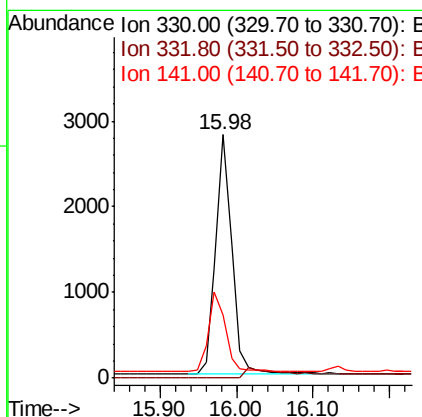
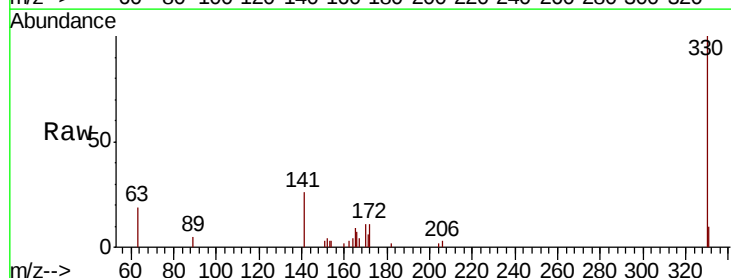
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

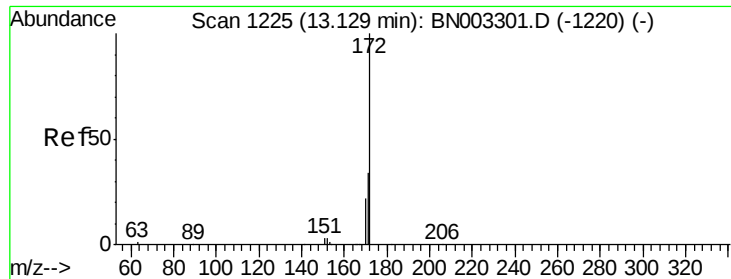
Tgt Ion:164 Resp: 32544
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 46.1 37.2 55.8



#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003316.D
Acq: 26 Oct 2018 21:48

Tgt Ion:330 Resp: 4039
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.4 28.3 42.5

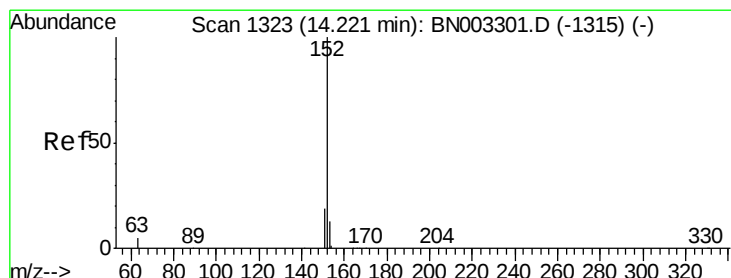
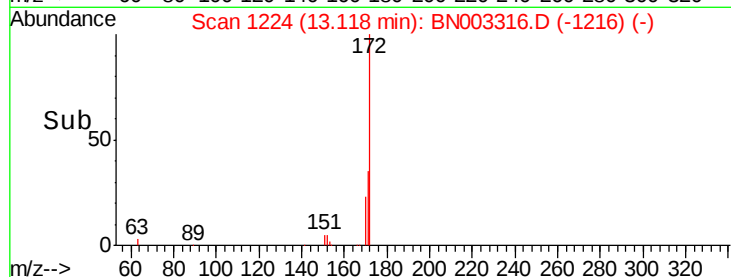
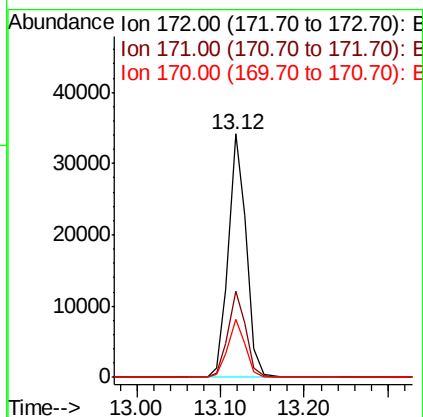
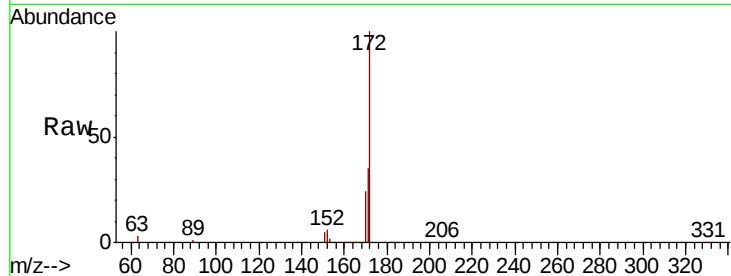




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003316.D
Acq: 26 Oct 2018 21:48

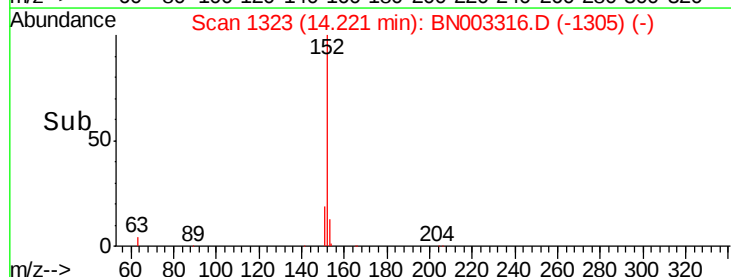
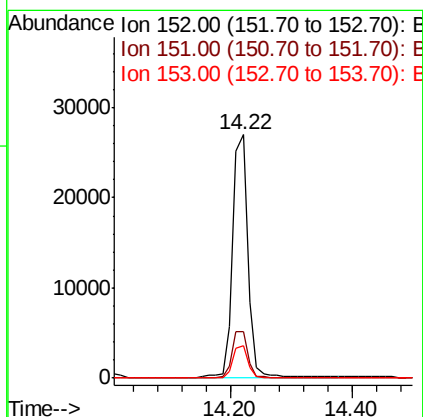
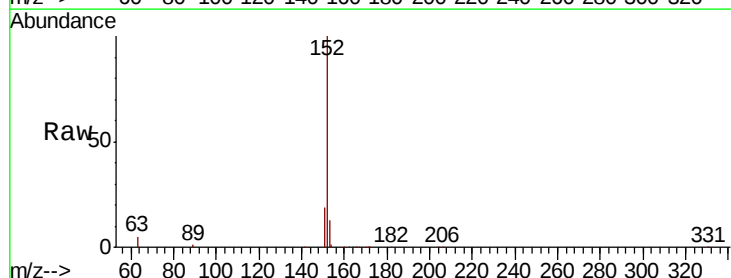
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

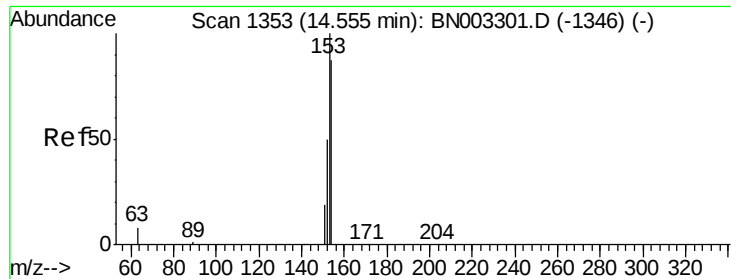
Tgt Ion:172 Resp: 50196
Ion Ratio Lower Upper
172 100
171 35.3 27.1 40.7
170 23.6 17.4 26.0



#16
Acenaphthylene
Concen: 0.322 ng
RT: 14.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN003316.D
Acq: 26 Oct 2018 21:48

Tgt Ion:152 Resp: 46743
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.356 ng

RT: 14.56 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

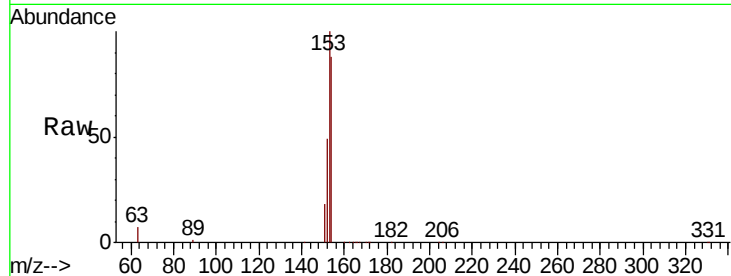
Tgt Ion:154 Resp: 35784

Ion Ratio Lower Upper

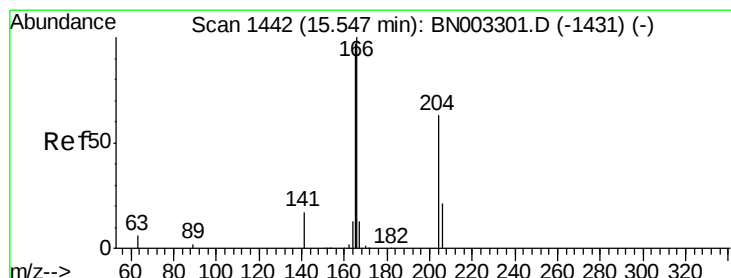
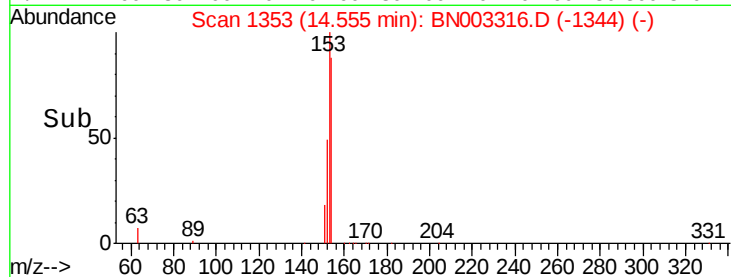
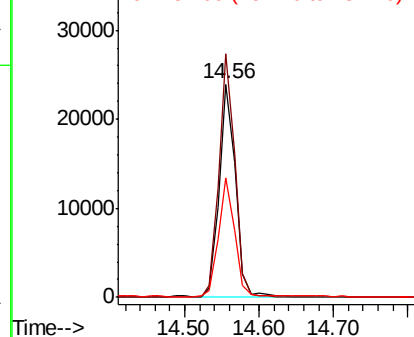
154 100

153 112.0 88.9 133.3

152 55.4 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: 0.351 ng

RT: 15.55 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

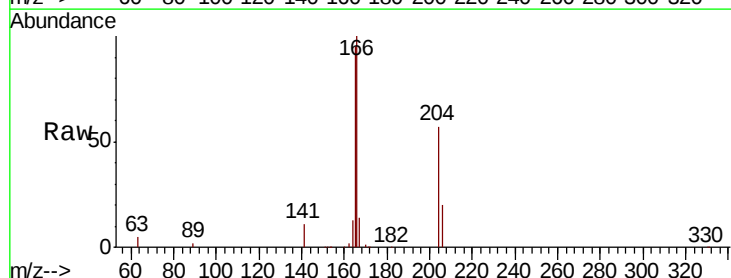
Tgt Ion:166 Resp: 44184

Ion Ratio Lower Upper

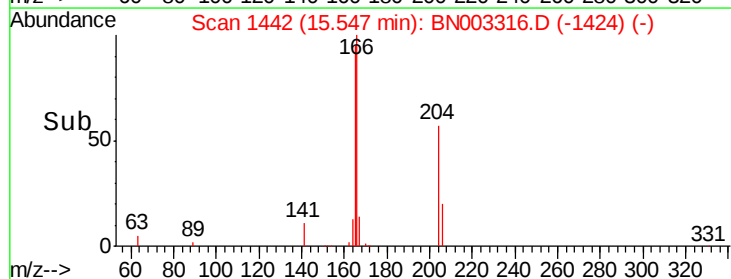
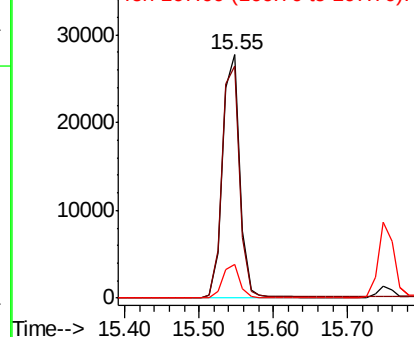
166 100

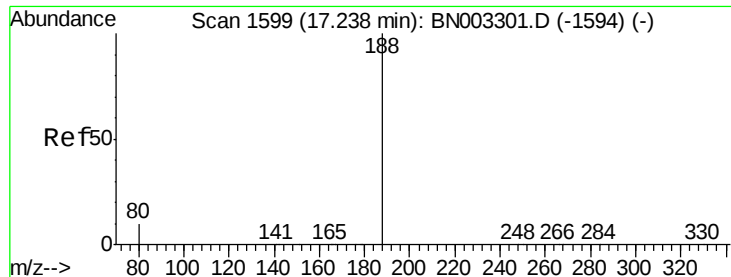
165 97.8 77.8 116.8

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: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

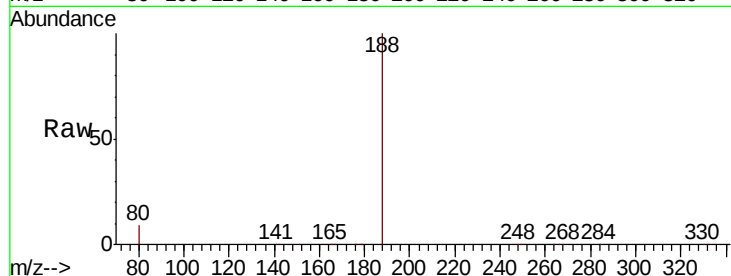
Tgt Ion:188 Resp: 79210

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

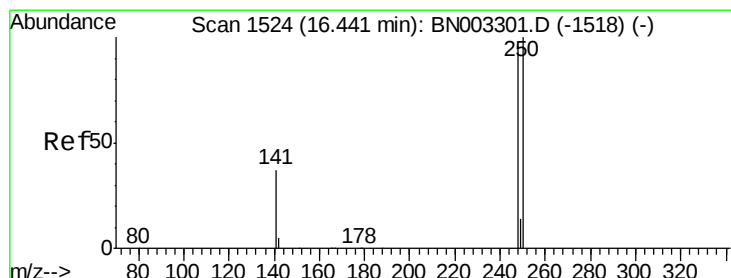
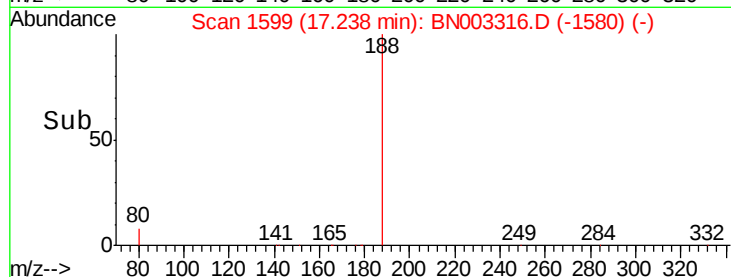
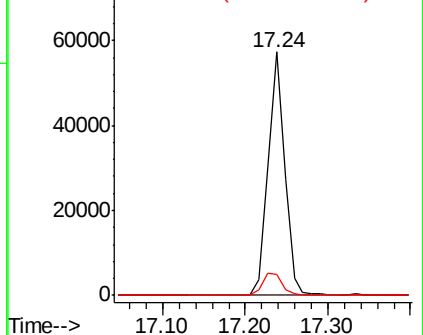
80 8.5 8.6 12.8#



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: 0.354 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

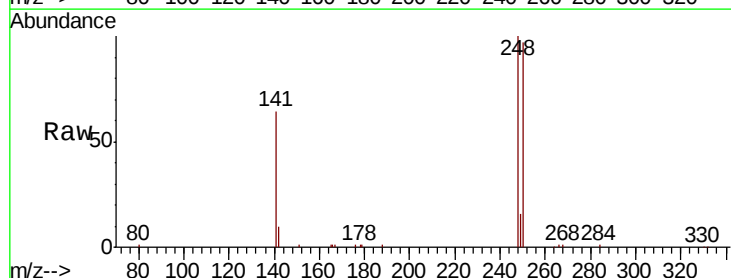
Tgt Ion:248 Resp: 16252

Ion Ratio Lower Upper

248 100

250 96.7 83.7 125.5

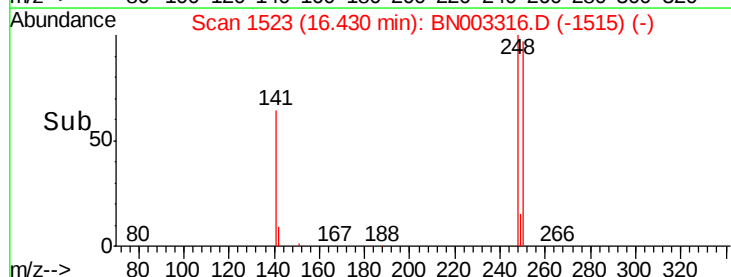
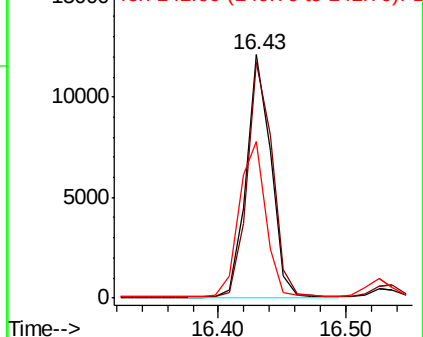
141 64.4 31.4 47.0#

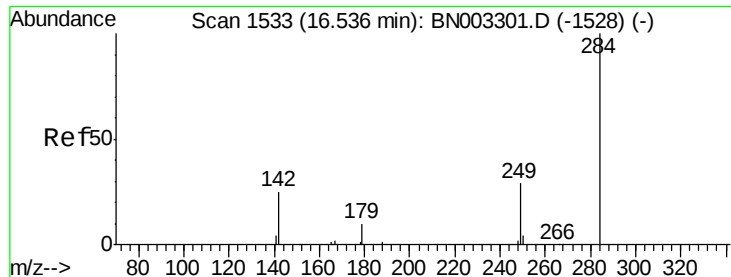


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.373 ng

RT: 16.54 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

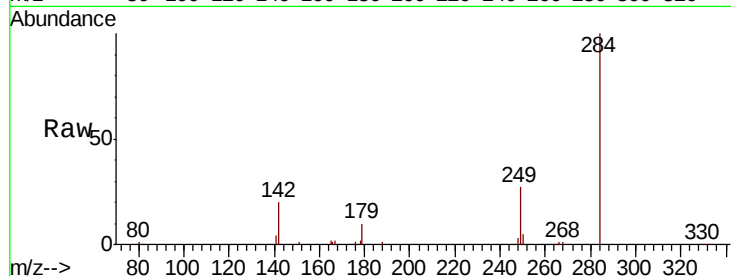
Tgt Ion:284 Resp: 18054

Ion Ratio Lower Upper

284 100

142 36.8 29.7 44.5

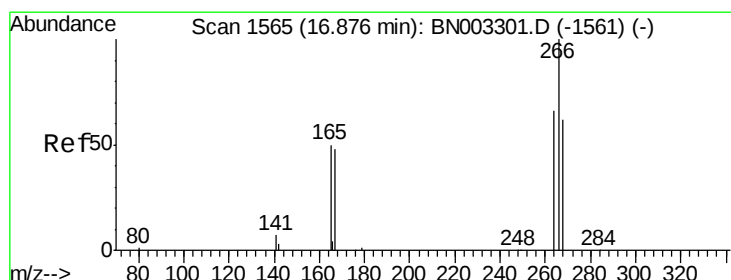
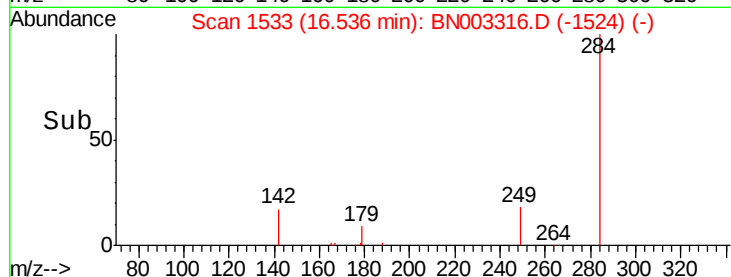
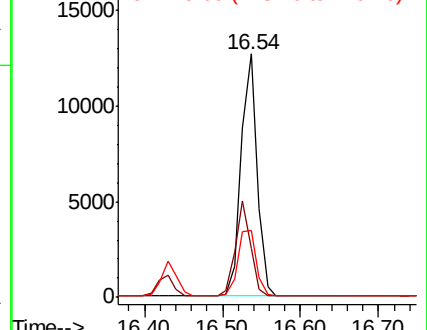
249 30.2 24.0 36.0



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: 0.354 ng

RT: 16.88 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

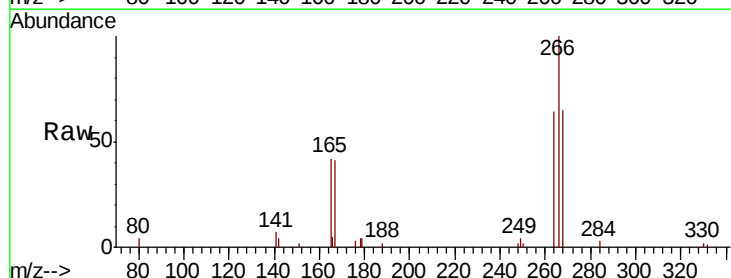
Tgt Ion:266 Resp: 4637

Ion Ratio Lower Upper

266 100

264 63.6 52.1 78.1

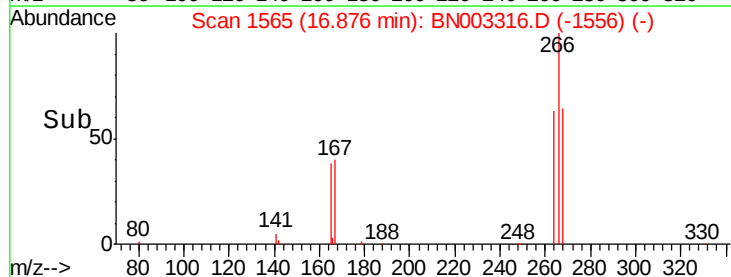
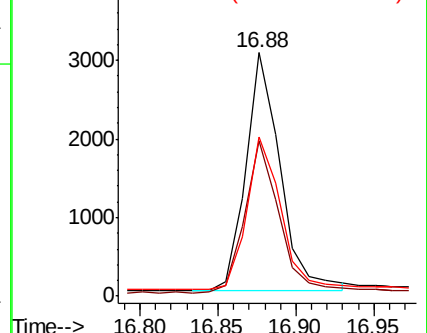
268 65.2 51.8 77.6

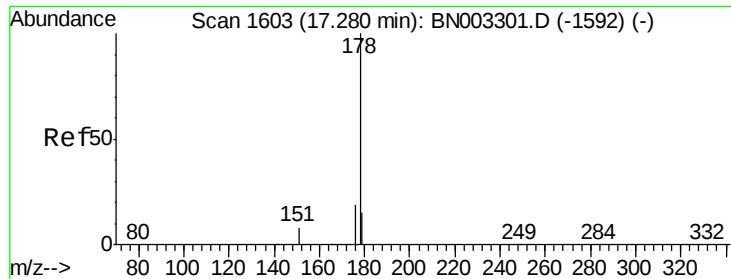


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.359 ng

RT: 17.28 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

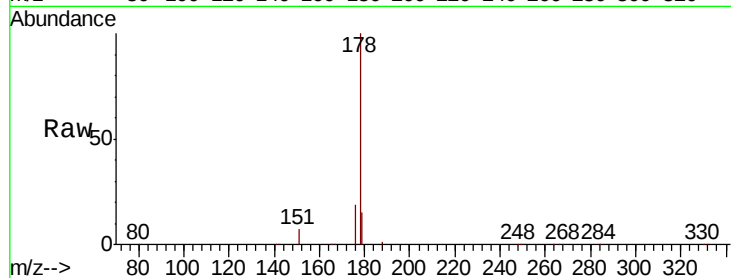
Tgt Ion:178 Resp: 78081

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

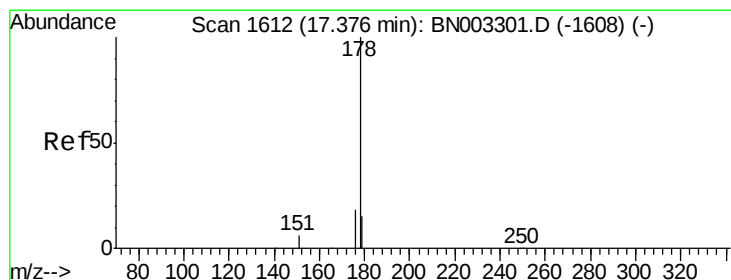
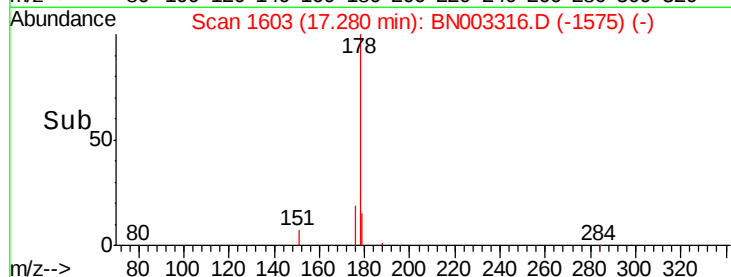
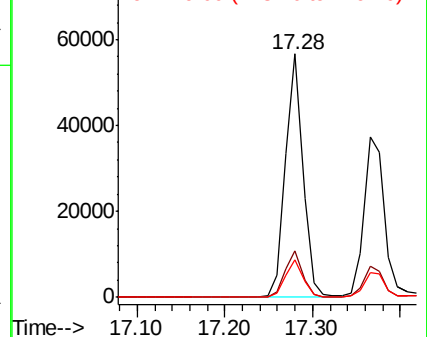
179 15.4 12.4 18.6



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: 0.326 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

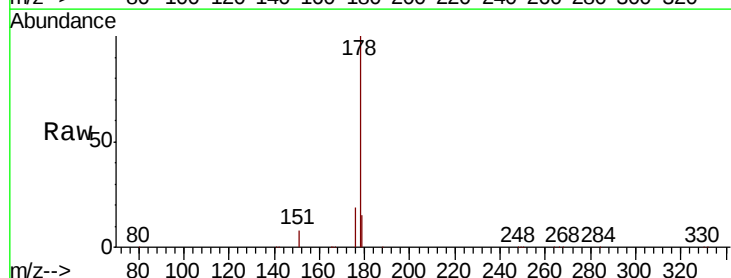
Tgt Ion:178 Resp: 60835

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

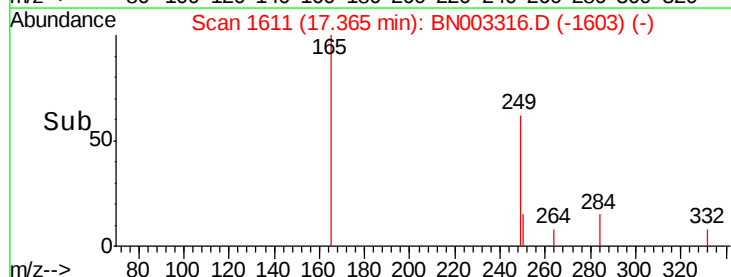
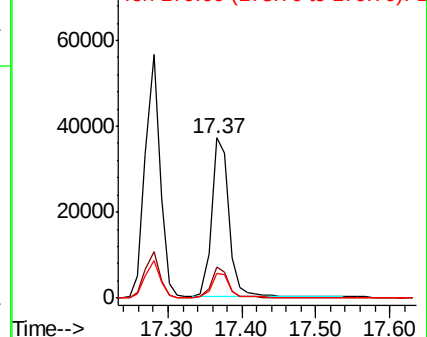
179 15.1 12.2 18.4

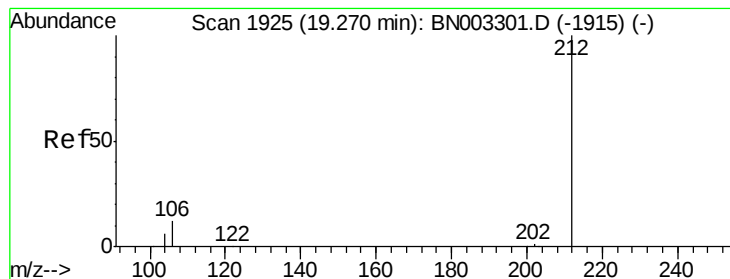


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

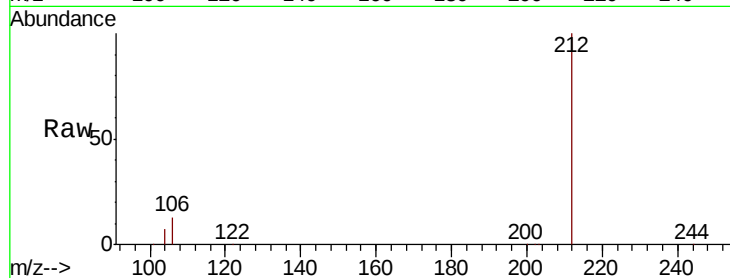
Tgt Ion:212 Resp: 77369

Ion Ratio Lower Upper

212 100

106 12.9 10.3 15.5

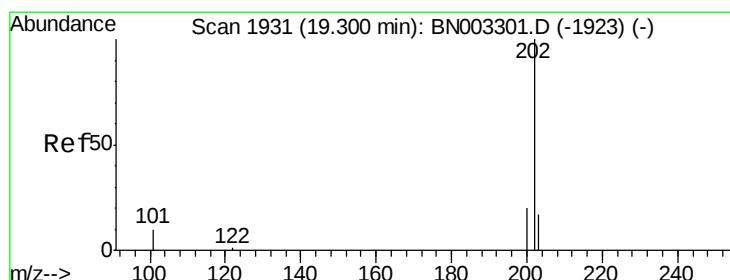
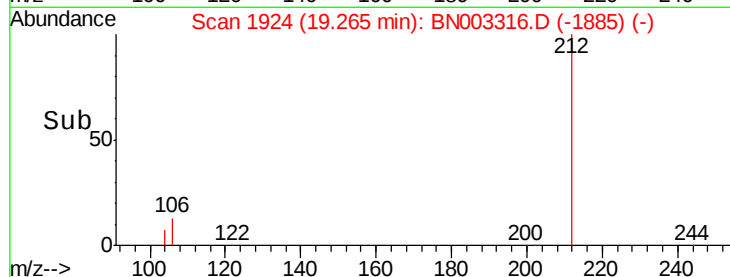
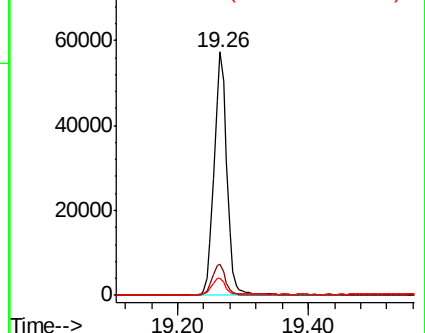
104 7.0 5.6 8.4



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: 0.341 ng

RT: 19.29 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

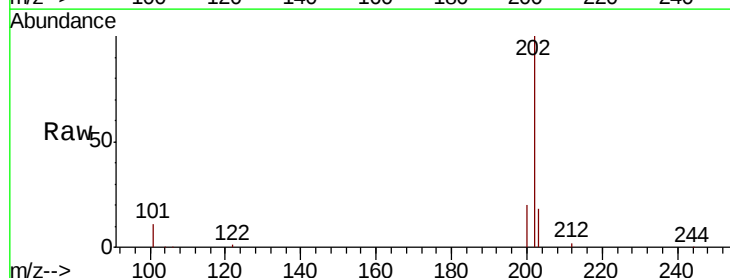
Tgt Ion:202 Resp: 84994

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

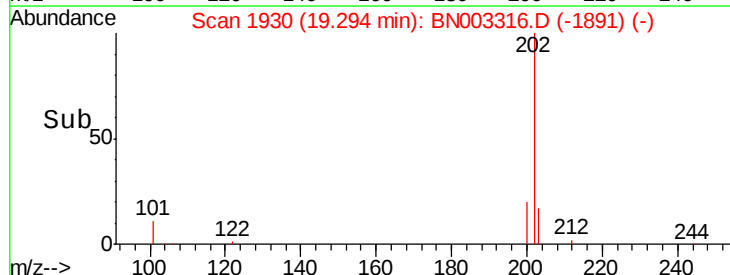
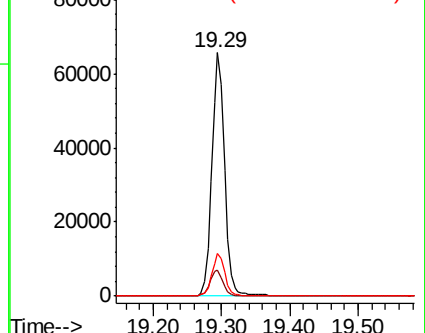
203 17.2 13.8 20.6

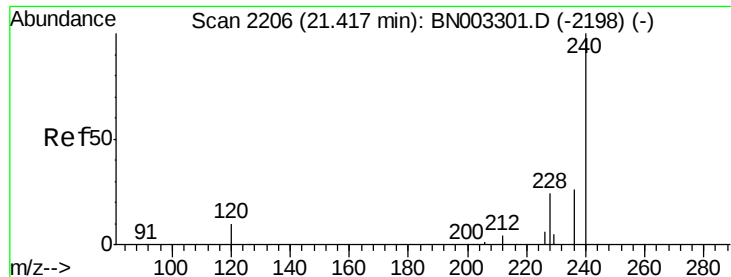


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

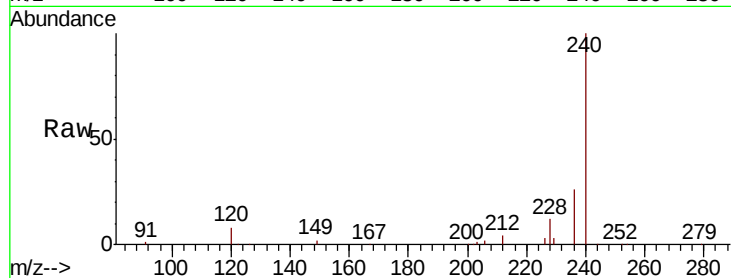




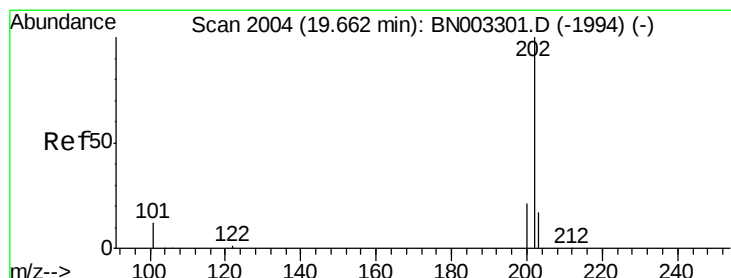
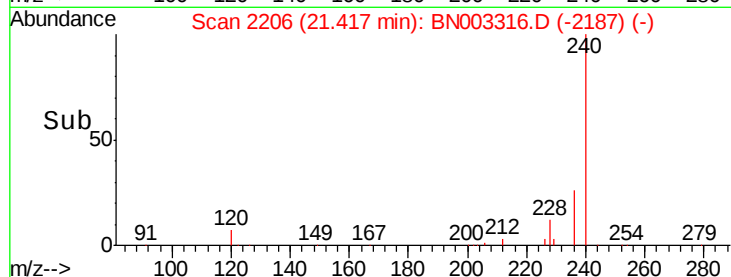
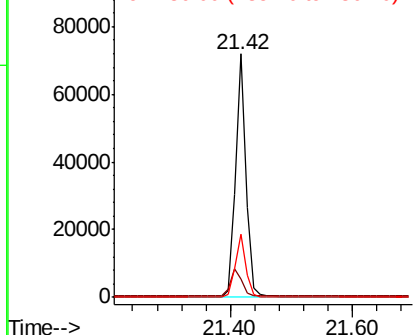
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BN003316.D
Acq: 26 Oct 2018 21:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 86777
Ion Ratio Lower Upper
240 100
120 7.7 9.3 13.9#
236 25.7 21.0 31.4

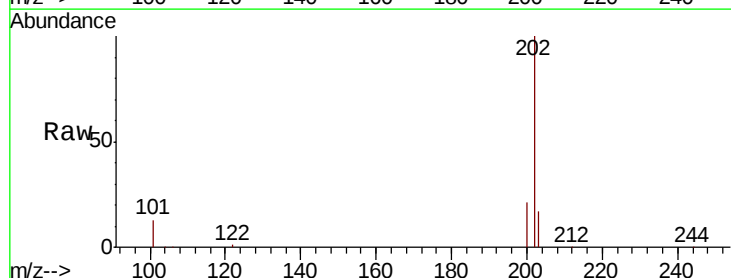


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

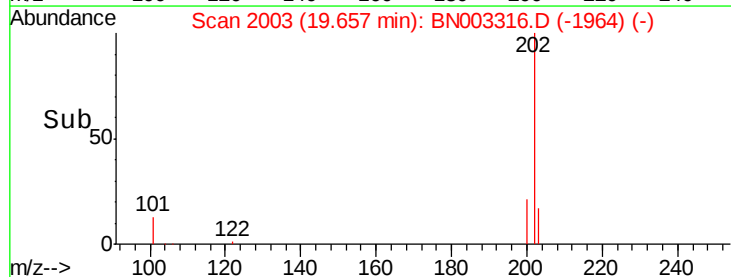
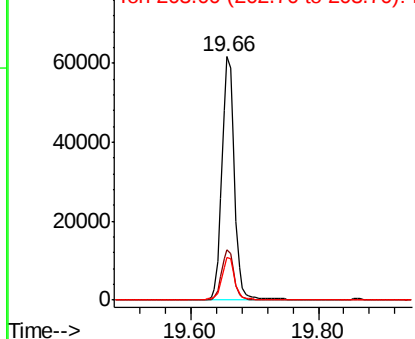


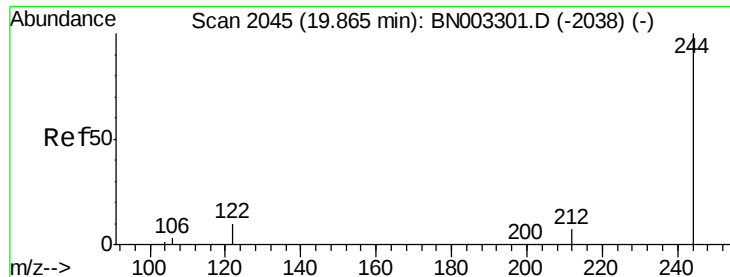
#28
Pyrene
Concen: 0.356 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN003316.D
Acq: 26 Oct 2018 21:48

Tgt Ion:202 Resp: 85421
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.5 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: 0.354 ng

RT: 19.86 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

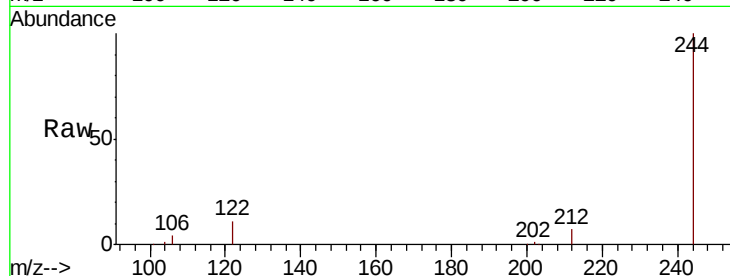
Tgt Ion:244 Resp: 71478

Ion Ratio Lower Upper

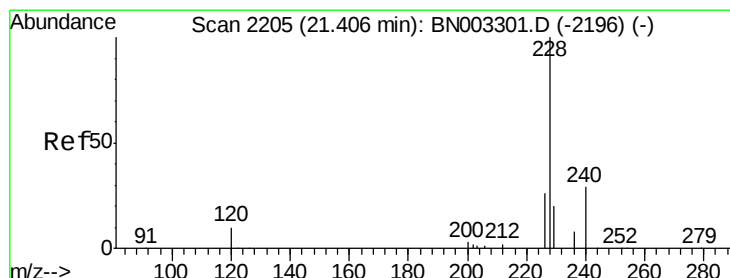
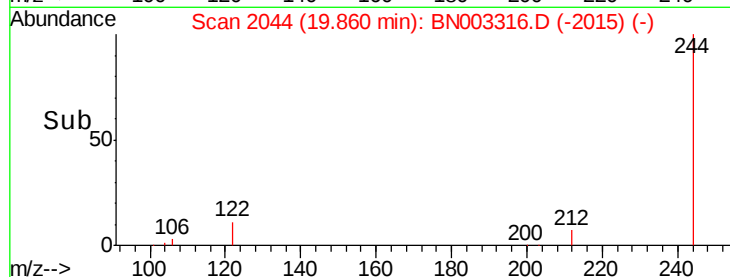
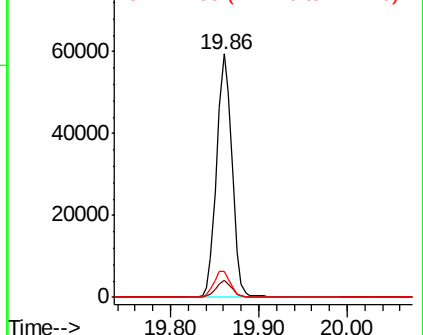
244 100

212 6.9 5.6 8.4

122 10.9 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: 0.322 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

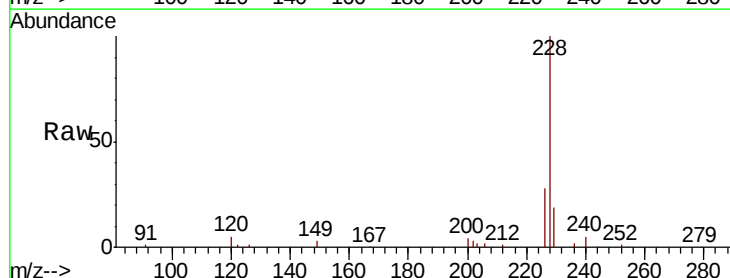
Tgt Ion:228 Resp: 73113

Ion Ratio Lower Upper

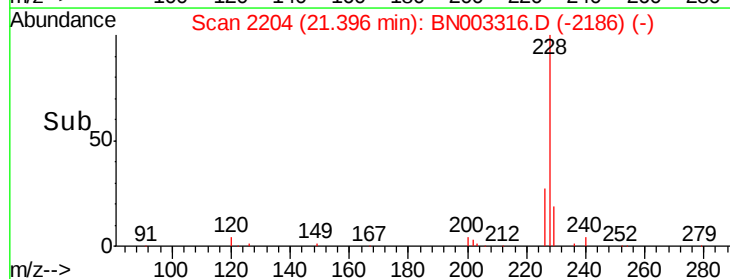
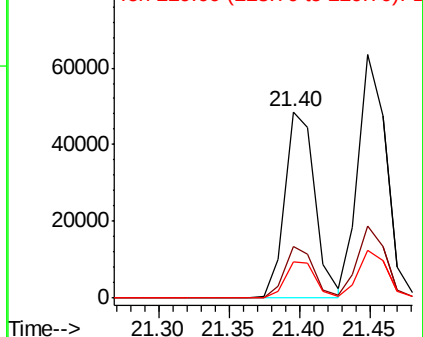
228 100

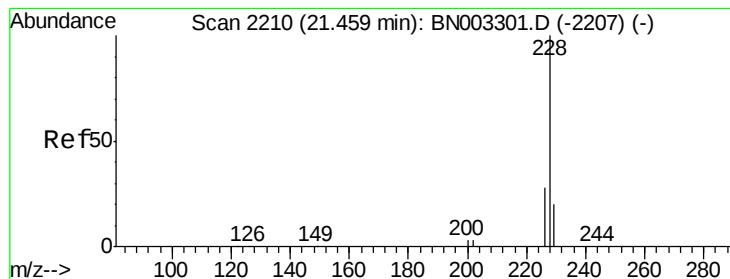
226 27.6 20.8 31.2

229 19.2 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: 0.361 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

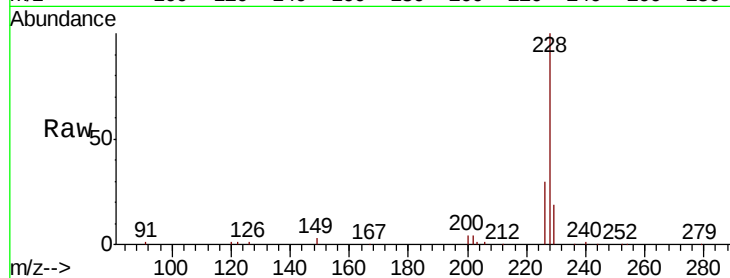
Tgt Ion:228 Resp: 88485

Ion Ratio Lower Upper

228 100

226 29.8 22.7 34.1

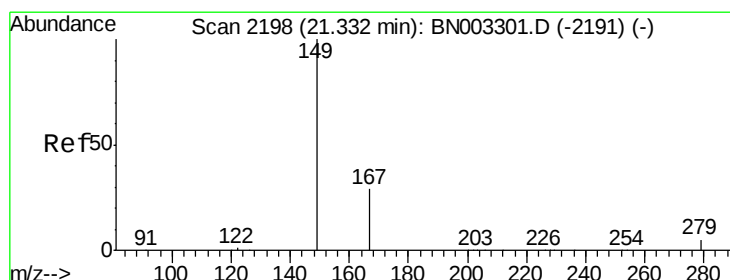
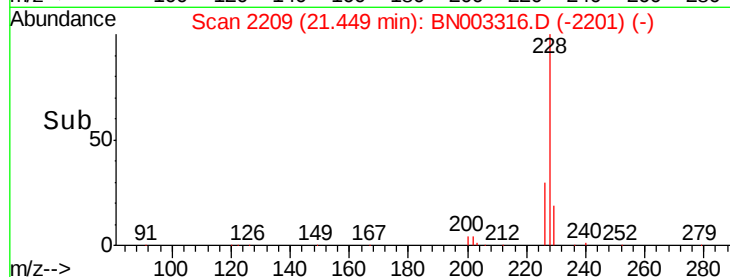
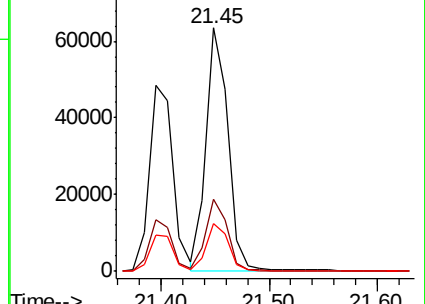
229 19.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.285 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

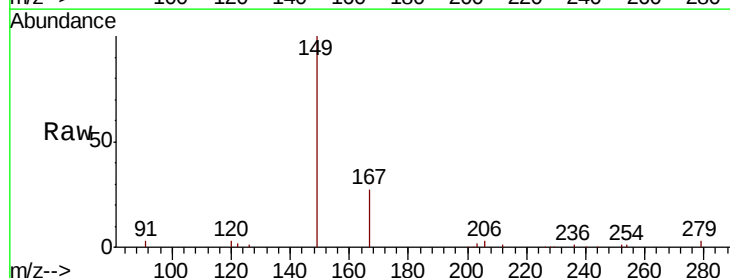
Tgt Ion:149 Resp: 19188

Ion Ratio Lower Upper

149 100

167 28.2 22.4 33.6

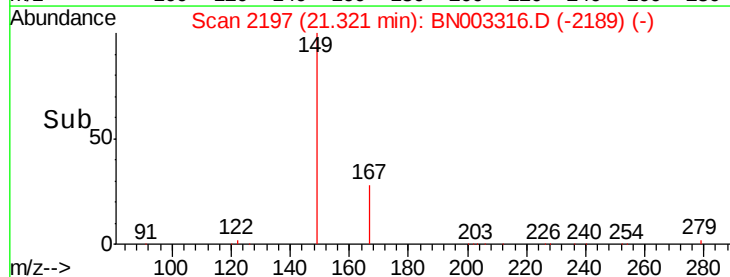
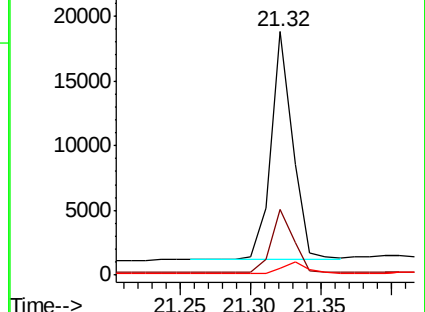
279 5.2 3.9 5.9

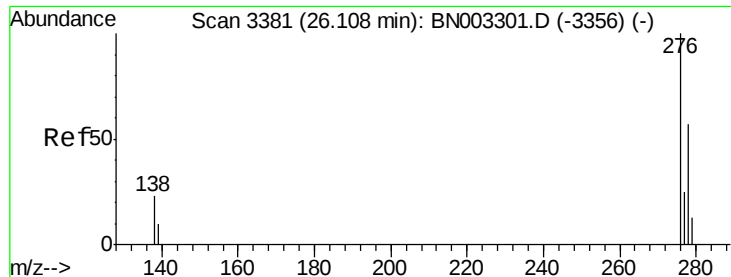


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.334 ng

RT: 26.10 min Scan# 3379

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

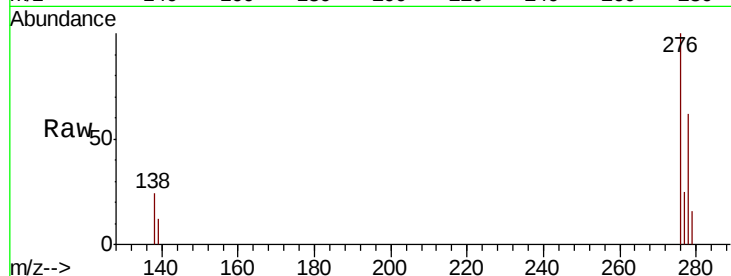
Tgt Ion:276 Resp: 84814

Ion Ratio Lower Upper

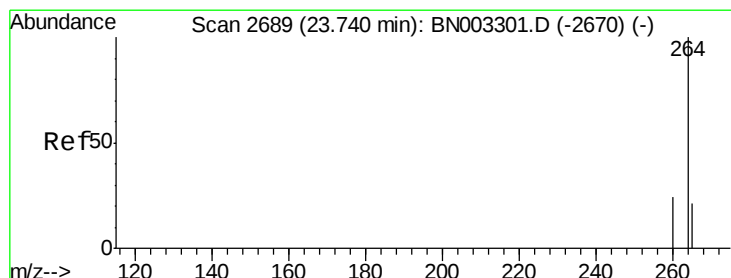
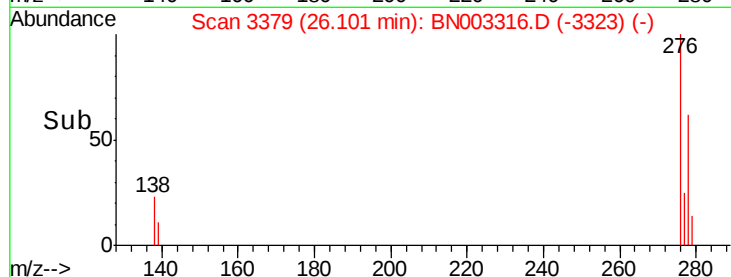
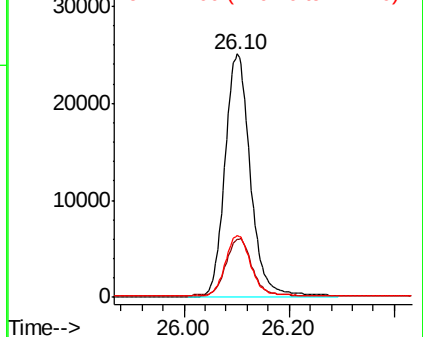
276 100

138 23.7 20.6 30.8

277 25.1 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# 2688

Delta R.T. -0.00 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

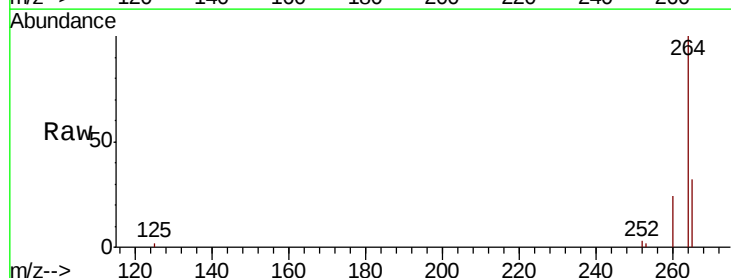
Tgt Ion:264 Resp: 76434

Ion Ratio Lower Upper

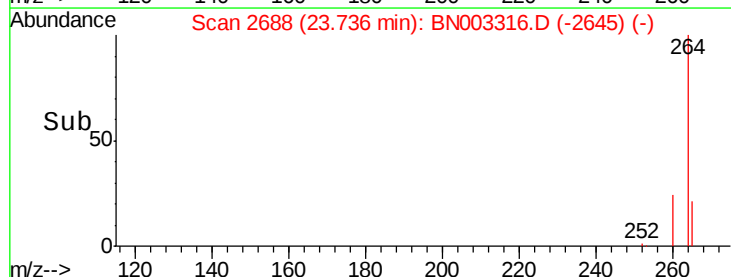
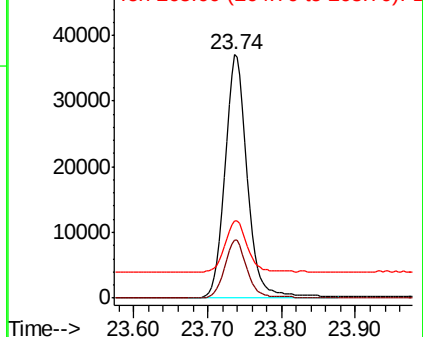
264 100

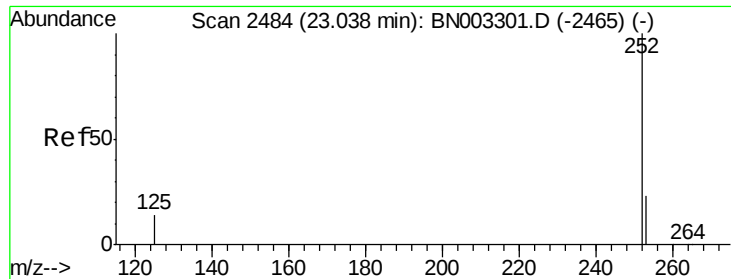
260 23.6 19.1 28.7

265 31.6 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: 0.367 ng

RT: 23.03 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

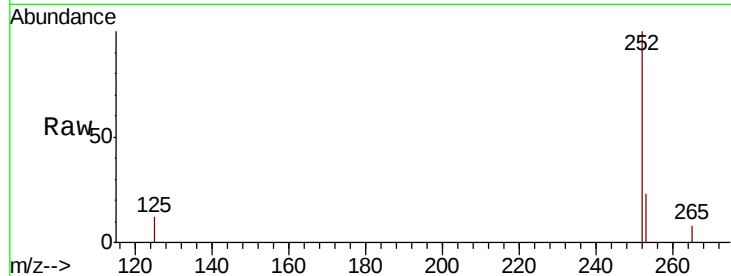
Tgt Ion:252 Resp: 86468

Ion Ratio Lower Upper

252 100

253 23.3 19.3 28.9

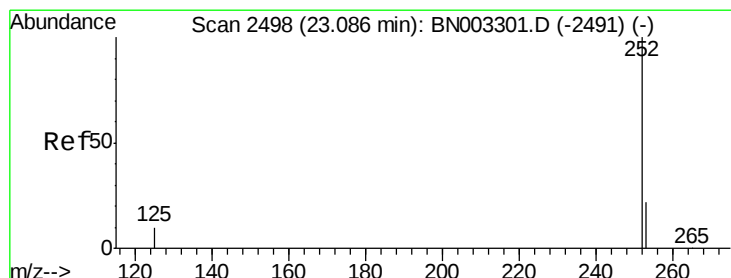
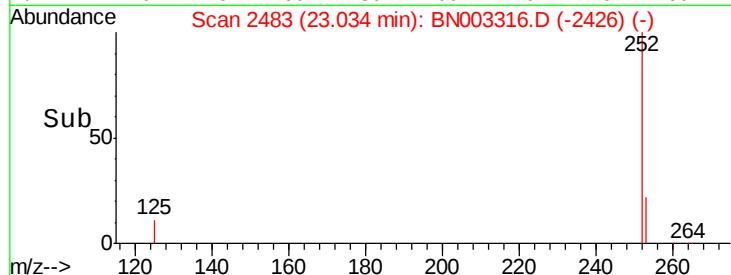
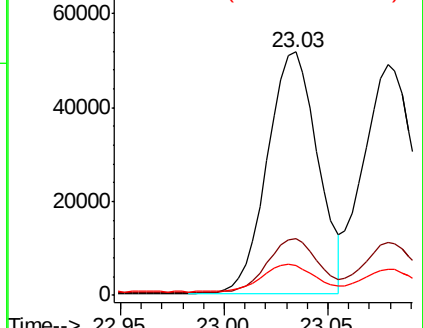
125 12.3 12.7 19.1#



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: 0.371 ng

RT: 23.08 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

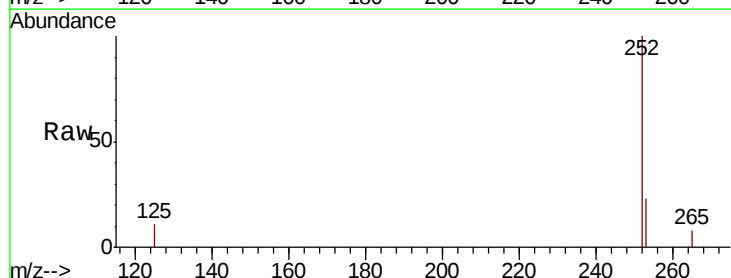
Tgt Ion:252 Resp: 87711

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

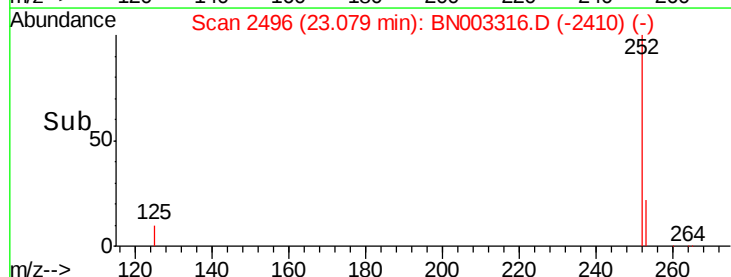
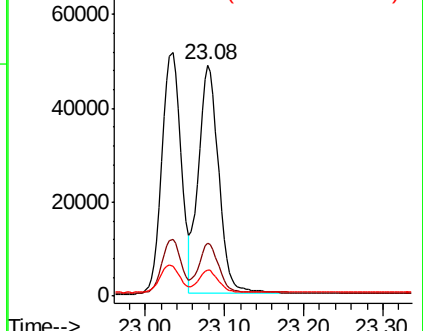
125 11.4 9.1 13.7

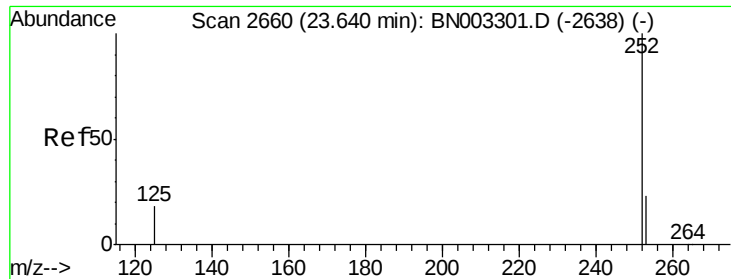


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.354 ng

RT: 23.63 min Scan# 2658

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

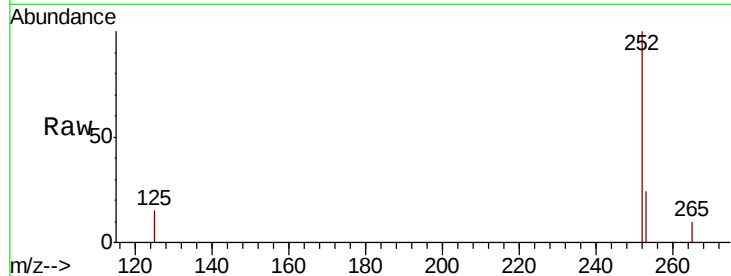
Tgt Ion:252 Resp: 76816

Ion Ratio Lower Upper

252 100

253 23.8 20.1 30.1

125 14.9 16.0 24.0#

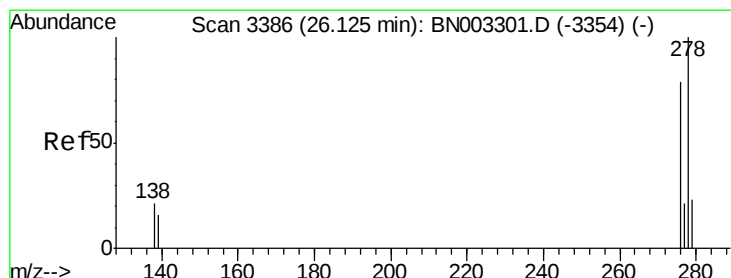
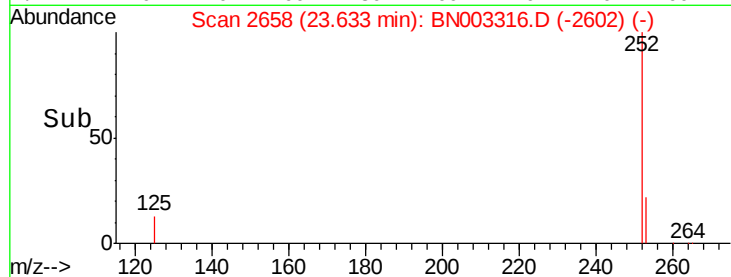
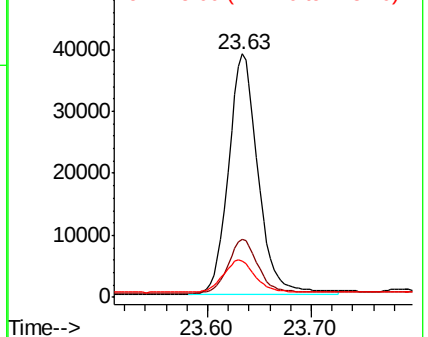


Abundance

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: 0.342 ng

RT: 26.12 min Scan# 3384

Delta R.T. -0.01 min

Lab File: BN003316.D

Acq: 26 Oct 2018 21:48

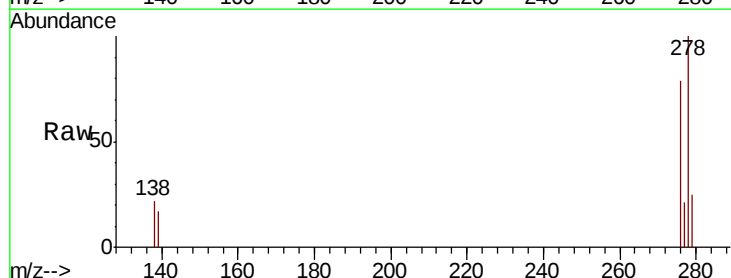
Tgt Ion:278 Resp: 69095

Ion Ratio Lower Upper

278 100

139 16.7 13.5 20.3

279 24.7 19.8 29.6

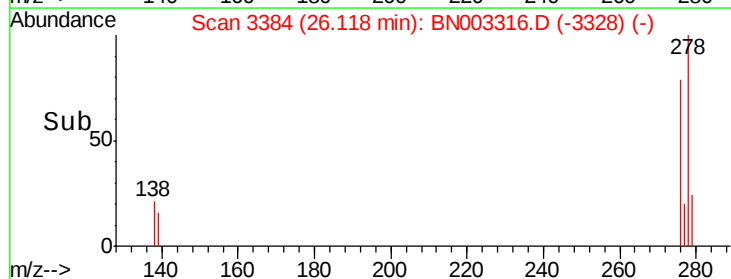
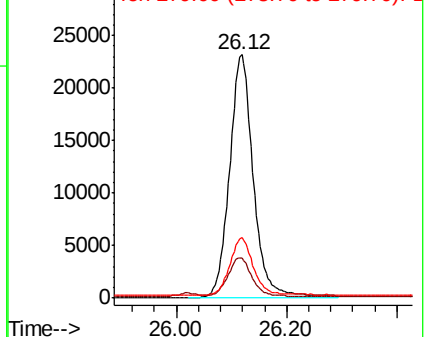


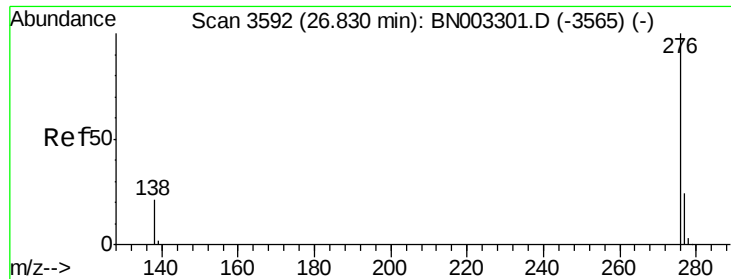
Abundance

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(g,h,i)perylene

Concen: 0.344 ng

RT: 26.83 min Scan# 3591

Delta R.T. -0.00 min

Lab File: BN003316.D

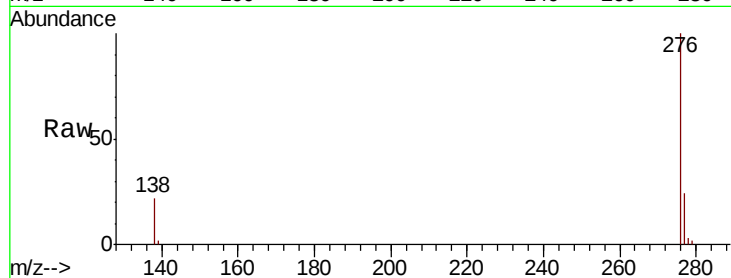
Acq: 26 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 69575

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 21.6 17.4 26.2

