

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN103018\
 Data File : BN003364.D
 Acq On : 30 Oct 2018 18:36
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 31 02:26:30 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	14909	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	65677	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	40272	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	95496	0.40	ng	-0.01
27) Chrysene-d12	21.41	240	94081	0.40	ng	-0.01
34) Perylene-d12	23.73	264	74559	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	12643	0.34	ng	0.00
5) Phenol-d6	7.01	99	16273	0.35	ng	0.00
8) Nitrobenzene-d5	9.02	82	12992	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	36206	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	5572	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.11	172	54446	0.31	ng	-0.02
25) Fluoranthene-d10	19.26	212	83487	0.30	ng	0.00
29) Terphenyl-d14	19.85	244	75485	0.34	ng	-0.01

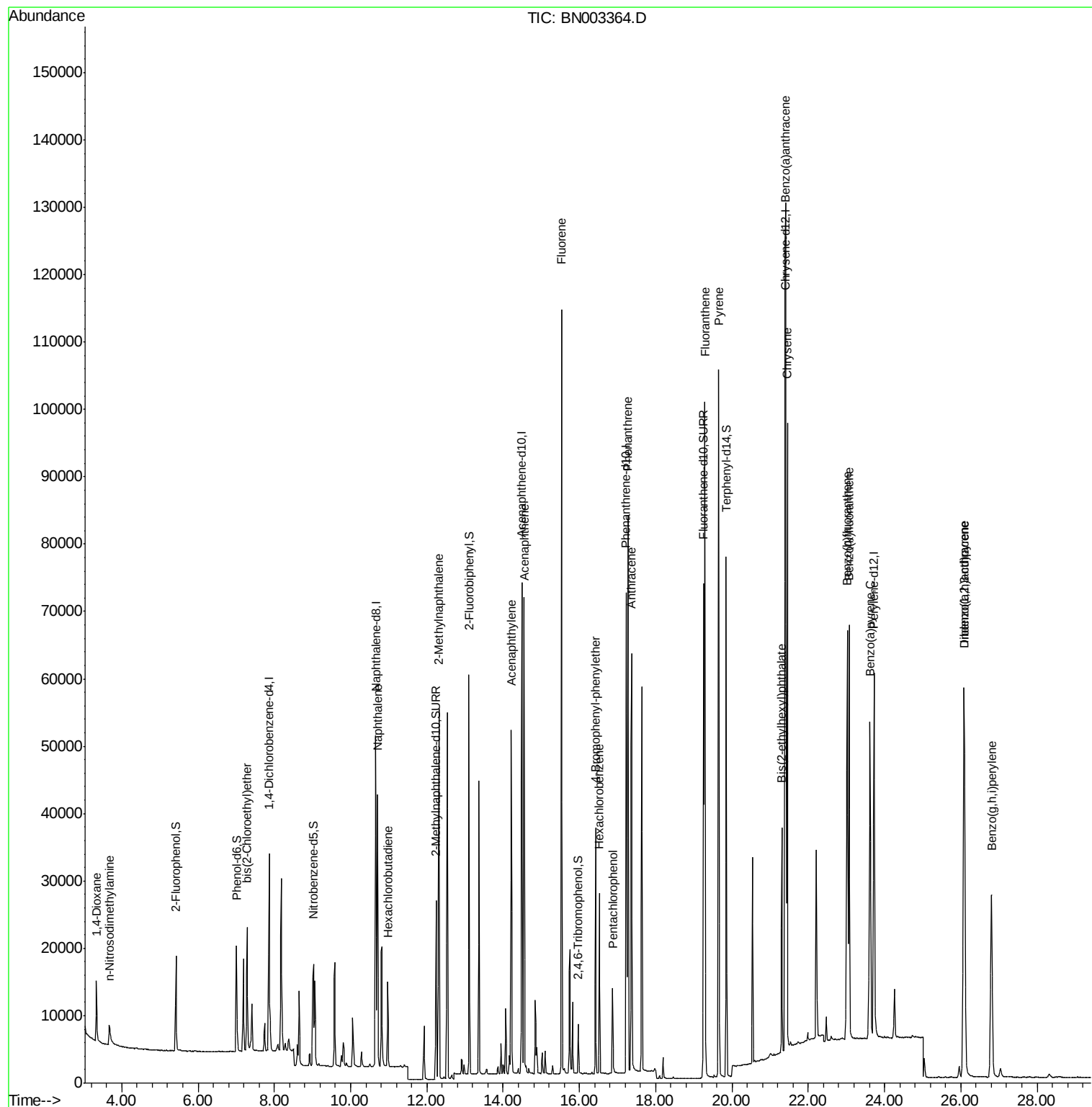
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	6346	0.329	ng	96
3) n-Nitrosodimethylamine	3.67	42	3218	0.362	ng	# 91
6) bis(2-Chloroethyl)ether	7.28	93	15105	0.363	ng	99
9) Naphthalene	10.71	128	54050	0.336	ng	100
10) Hexachlorobutadiene	10.97	225	9877	0.337	ng	# 99
12) 2-Methylnaphthalene	12.31	142	37978	0.338	ng	98
16) Acenaphthylene	14.21	152	55735	0.310	ng	99
17) Acenaphthene	14.56	154	40577	0.326	ng	100
18) Fluorene	15.54	166	48553	0.312	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	17905	0.324	ng	# 77
21) Hexachlorobenzene	16.53	284	19304	0.331	ng	99
22) Pentachlorophenol	16.88	266	6707	0.424	ng	96
23) Phenanthrene	17.27	178	83494	0.319	ng	100
24) Anthracene	17.37	178	68724	0.306	ng	100
26) Fluoranthene	19.29	202	90708	0.302	ng	100
28) Pyrene	19.65	202	92734	0.357	ng	100
30) Benzo(a)anthracene	21.40	228	77631	0.315	ng	100
31) Chrysene	21.45	228	85820	0.323	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	28489	0.390	ng	99
33) Indeno(1,2,3-cd)pyrene	26.08	276	71743	0.261	ng	99
35) Benzo(b)fluoranthene	23.02	252	80760	0.347	ng	# 96
36) Benzo(k)fluoranthene	23.07	252	76992	0.334	ng	100
37) Benzo(a)pyrene	23.62	252	70404	0.333	ng	# 92
38) Dibenzo(a,h)anthracene	26.10	278	59633	0.302	ng	99
39) Benzo(g,h,i)perylene	26.80	276	58665	0.297	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: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

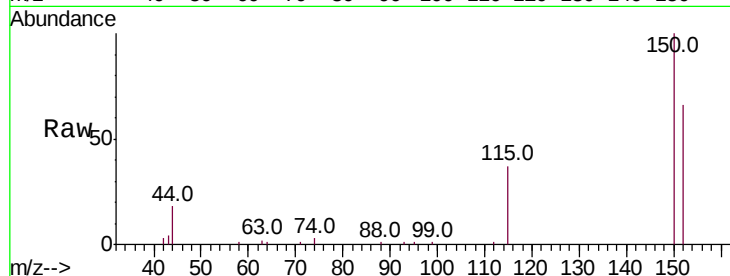
Tot Ion:152 Resp: 14909

Ion Ratio Lower Upper

152 100

150 151.8 124.6 187.0

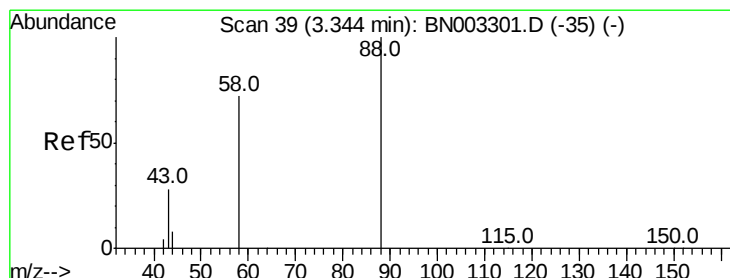
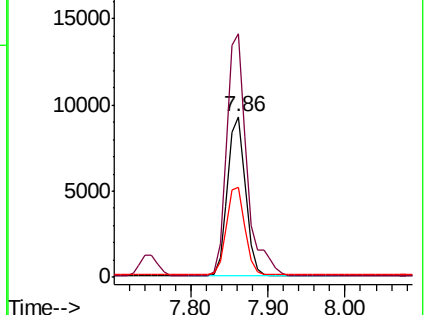
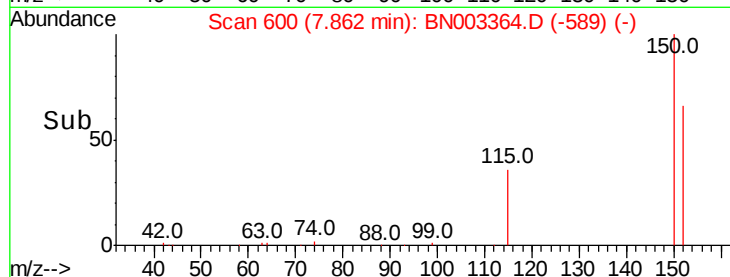
115 56.2 46.4 69.6



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: 0.329 ng

RT: 3.34 min Scan# 38

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

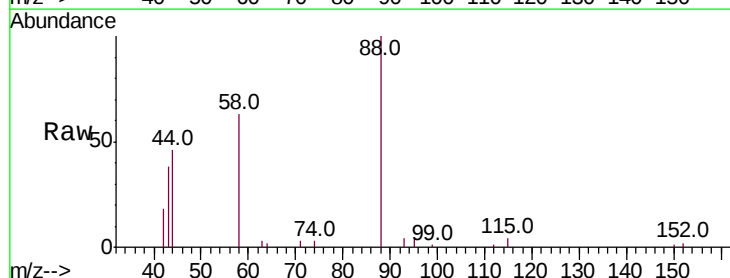
Tgt Ion: 88 Resp: 6346

Ion Ratio Lower Upper

88 100

58 72.6 60.9 91.3

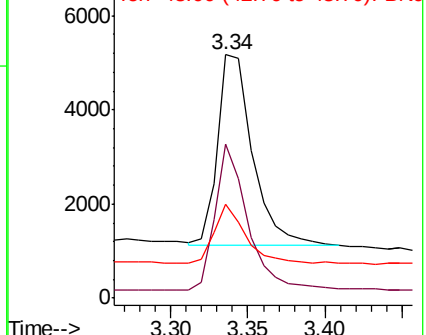
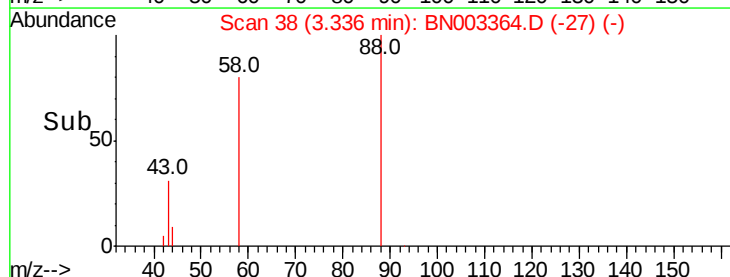
43 28.4 23.9 35.9



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



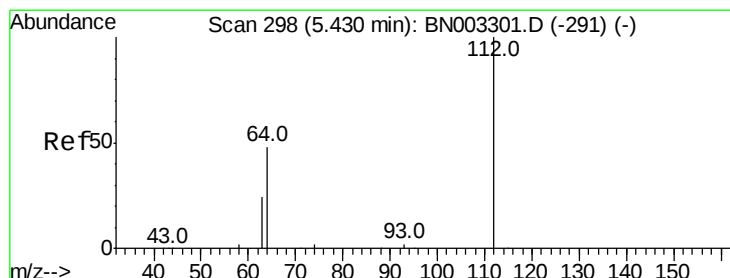
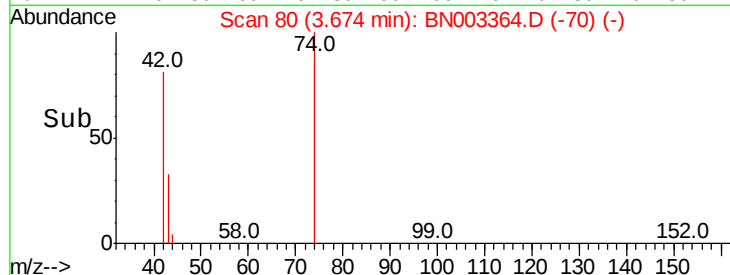
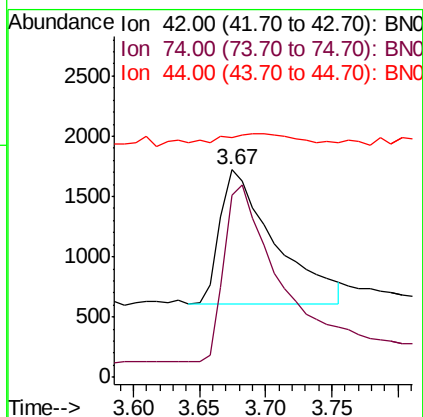
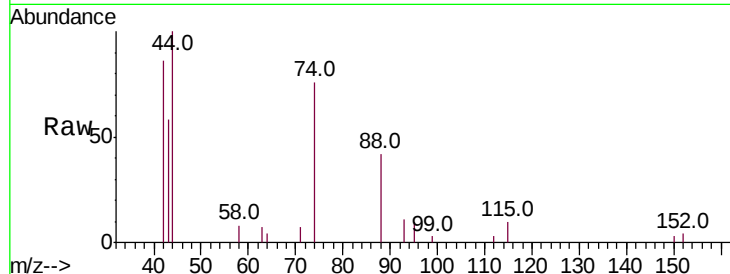


#3

n-Nitrosodimethylamine
 Concen: 0.362 ng
 RT: 3.67 min Scan# 80
 Delta R.T. -0.02 min
 Lab File: BN003364.D
 Acq: 30 Oct 2018 18:36

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

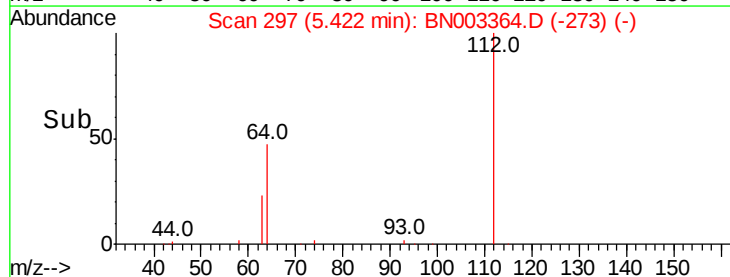
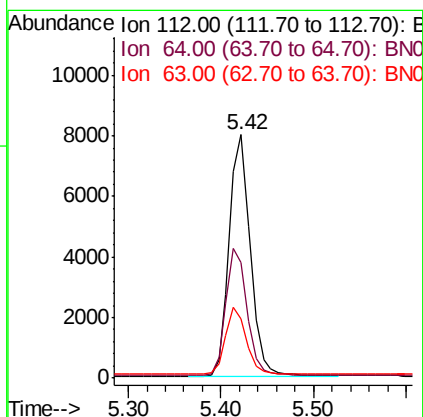
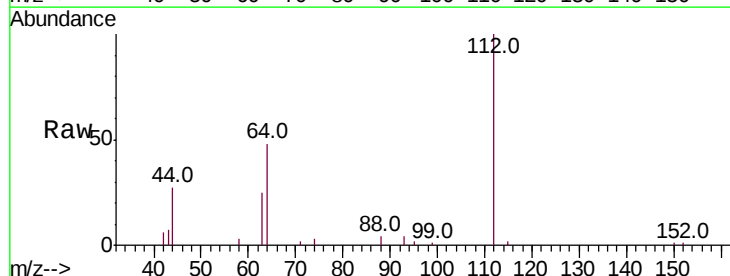
Tot Ion: 42 Resp: 3218
 Ion Ratio Lower Upper
 42 100
 74 134.1 99.1 148.7
 44 0.0 4.2 6.4#

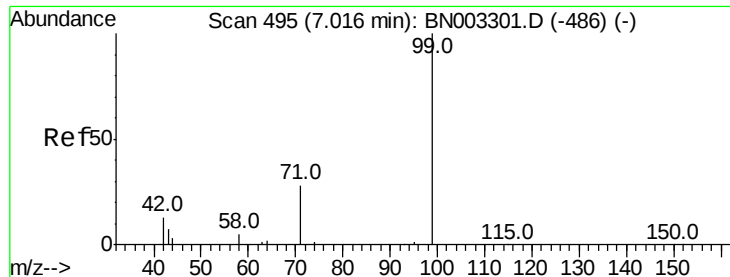


#4

2-Fluorophenol
 Concen: 0.342 ng
 RT: 5.42 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: BN003364.D
 Acq: 30 Oct 2018 18:36

Tgt Ion: 112 Resp: 12643
 Ion Ratio Lower Upper
 112 100
 64 53.7 44.3 66.5
 63 27.2 22.4 33.6





#5

Phenol-d6

Concen: 0.349 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

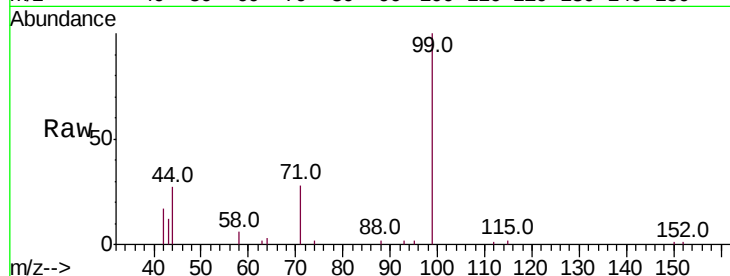
Tot Ion: 99 Resp: 16273

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

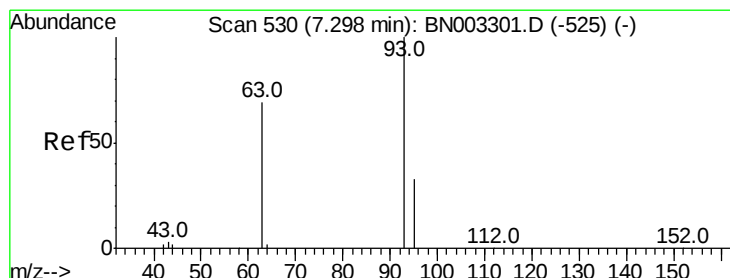
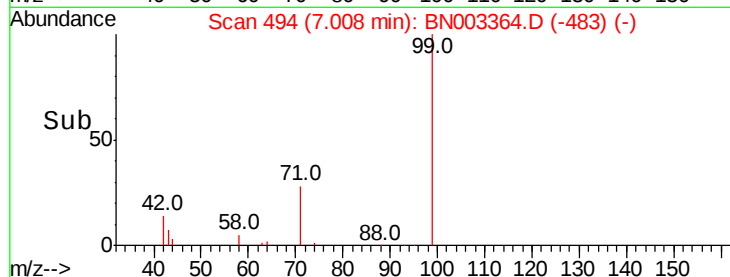
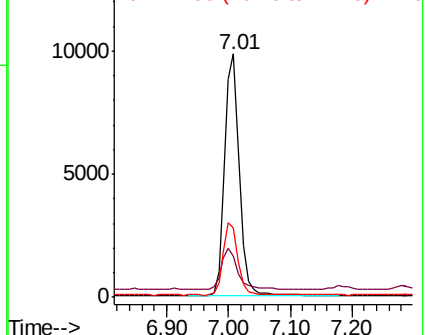
71 30.3 24.8 37.2



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: 0.363 ng

RT: 7.28 min Scan# 528

Delta R.T. -0.02 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

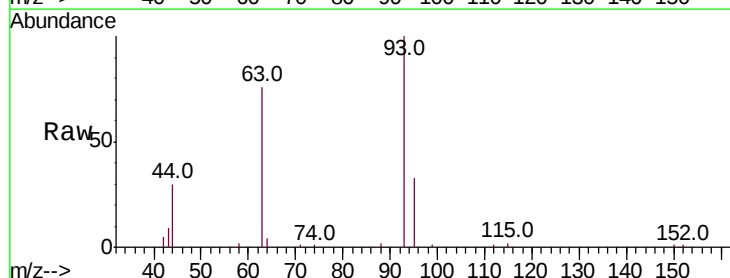
Tgt Ion: 93 Resp: 15105

Ion Ratio Lower Upper

93 100

63 70.7 55.8 83.6

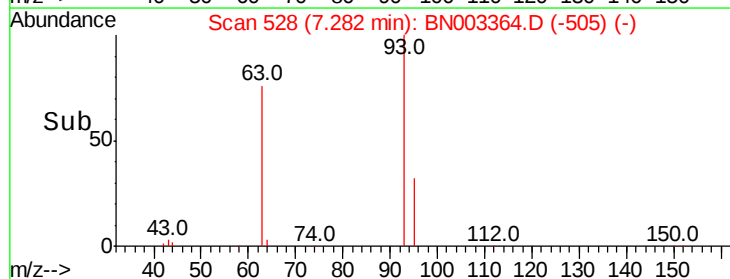
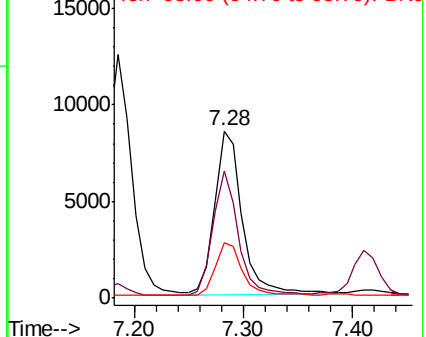
95 31.8 25.4 38.2

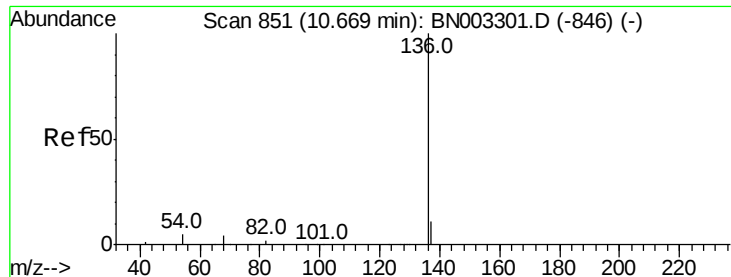


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 65677

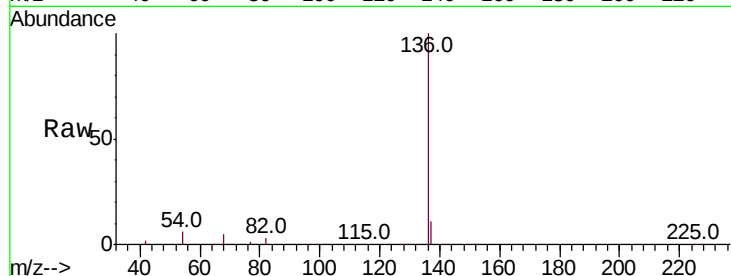
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.6 4.1 6.1

68 4.8 3.5 5.3

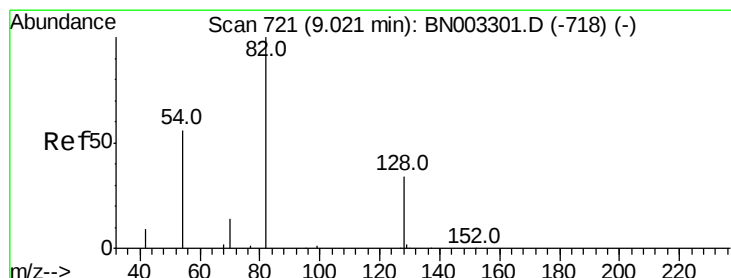
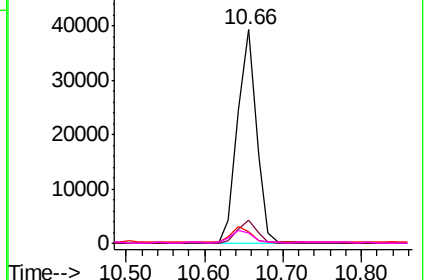
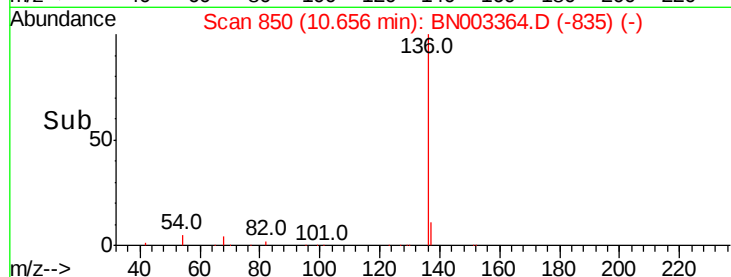


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.452 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

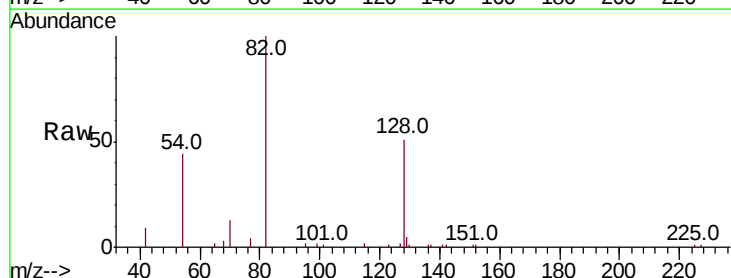
Tgt Ion: 82 Resp: 12992

Ion Ratio Lower Upper

82 100

128 50.6 28.9 43.3#

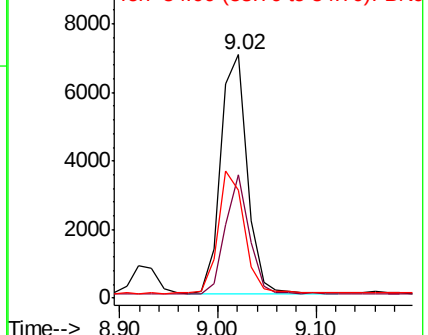
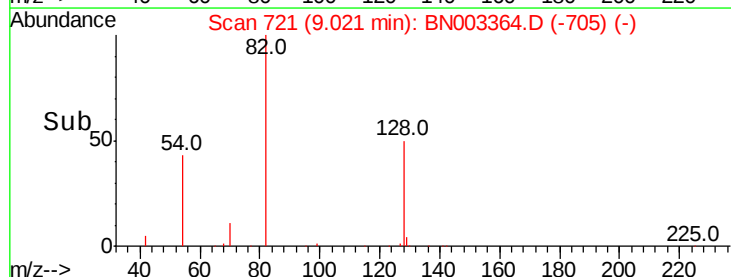
54 44.4 46.1 69.1#

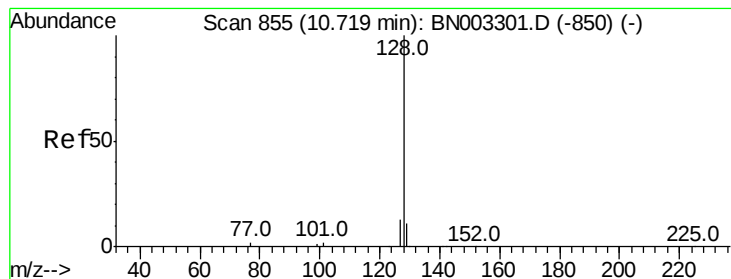


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.336 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

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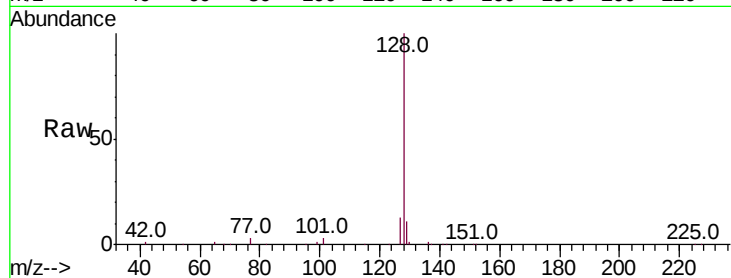
Tot Ion:128 Resp: 54050

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

127 12.9 10.2 15.4

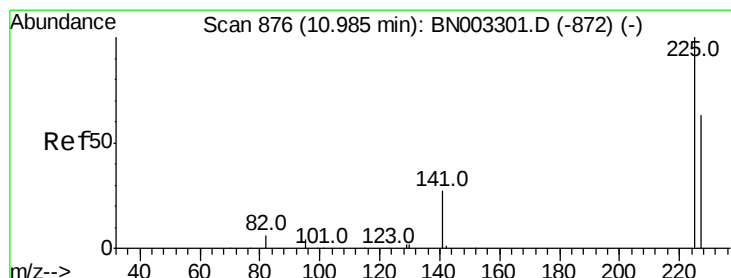
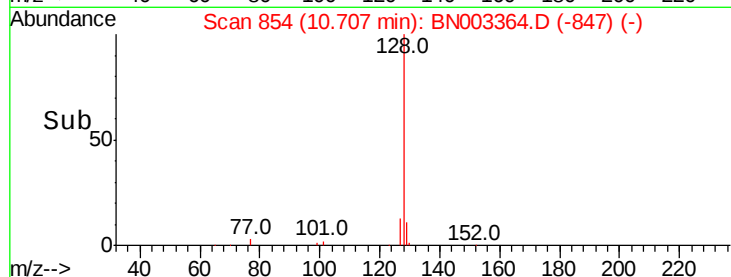
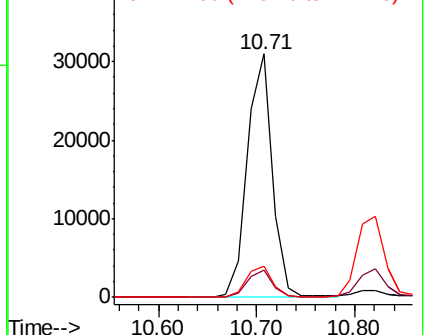


Abundance

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: 0.337 ng

RT: 10.97 min Scan# 875

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

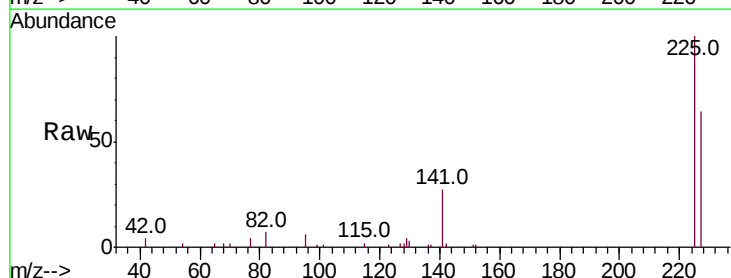
Tgt Ion:225 Resp: 9877

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.2 51.3 76.9

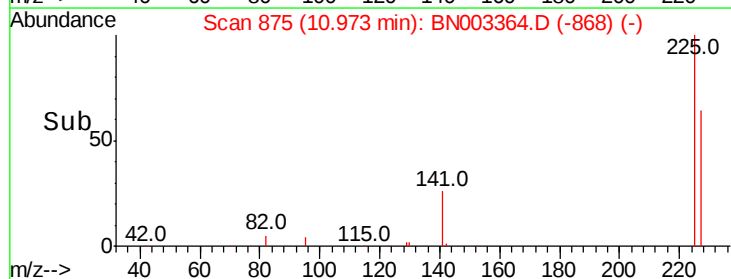
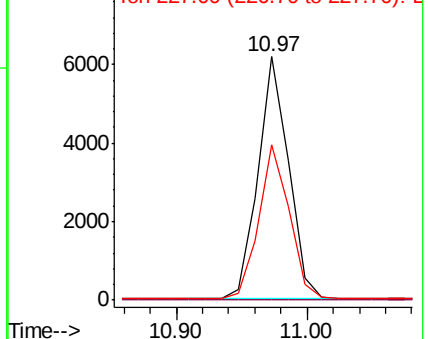


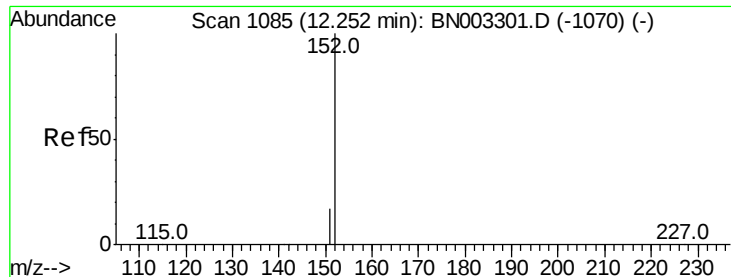
Abundance

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: 0.339 ng

RT: 12.24 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

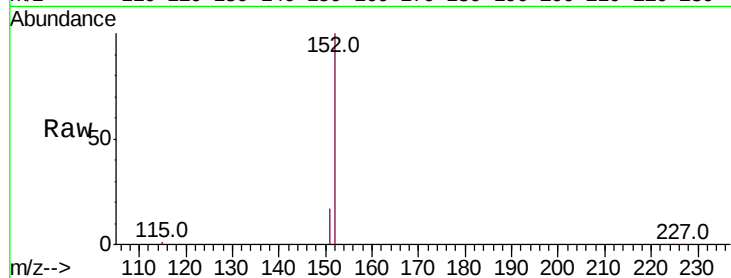
SSTDCCC0.4EC

Tot Ion:152 Resp: 36206

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

25000

20000

15000

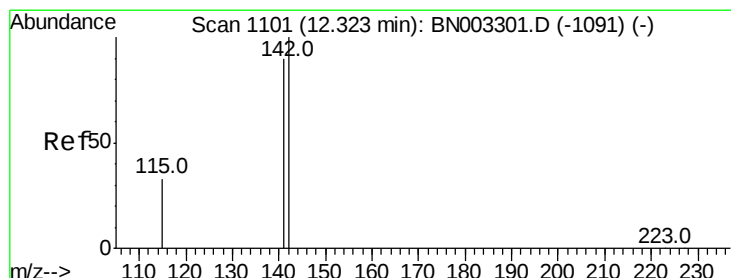
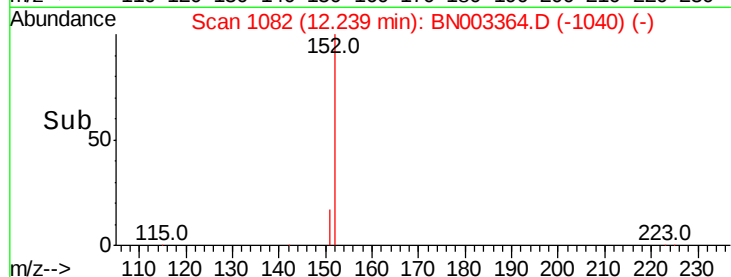
10000

5000

0

12.20 12.30

Time-->



#12

2-Methylnaphthalene

Concen: 0.338 ng

RT: 12.31 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

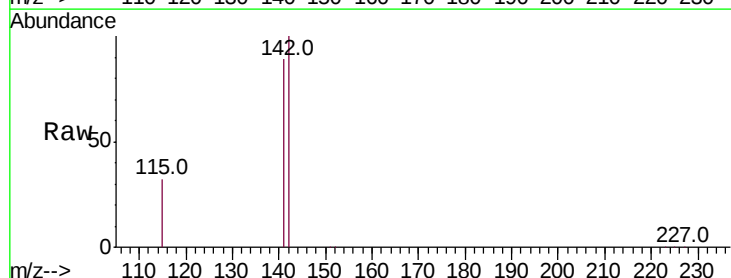
Tgt Ion:142 Resp: 37978

Ion Ratio Lower Upper

142 100

141 89.0 71.9 107.9

115 32.1 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

30000

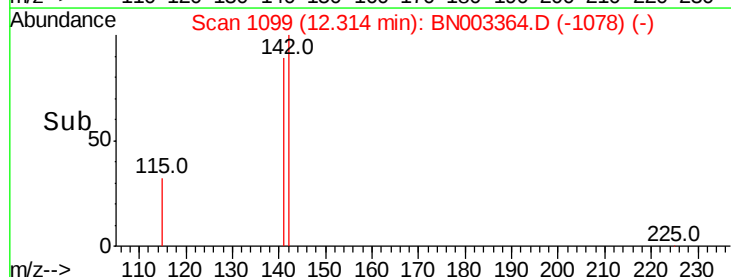
20000

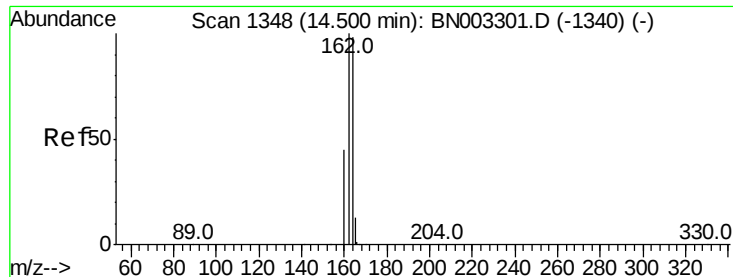
10000

0

12.20 12.30 12.40

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

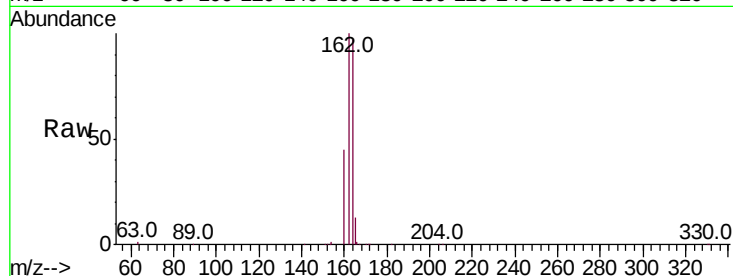
Tot Ion:164 Resp: 40272

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

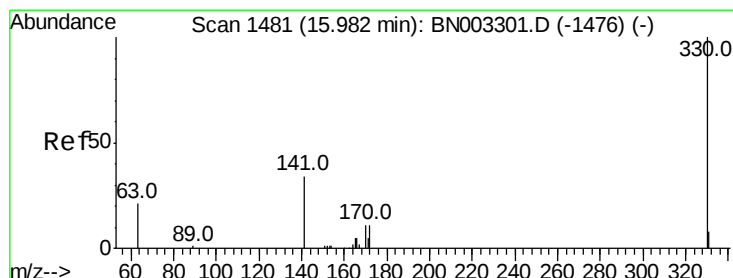
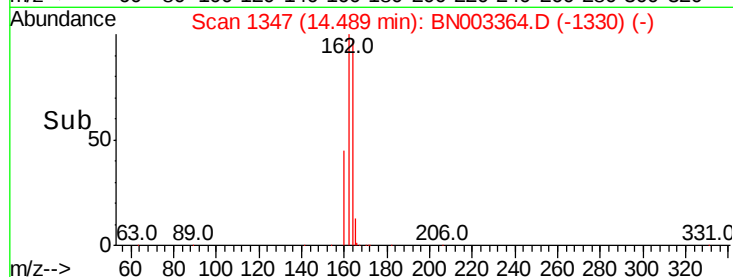
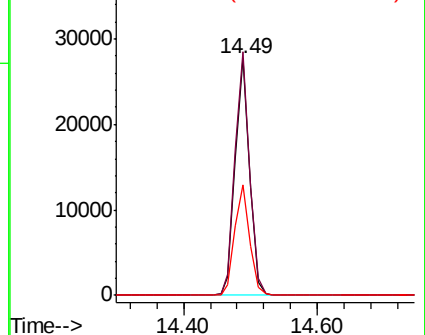
160 46.4 37.2 55.8



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: 0.348 ng

RT: 15.97 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

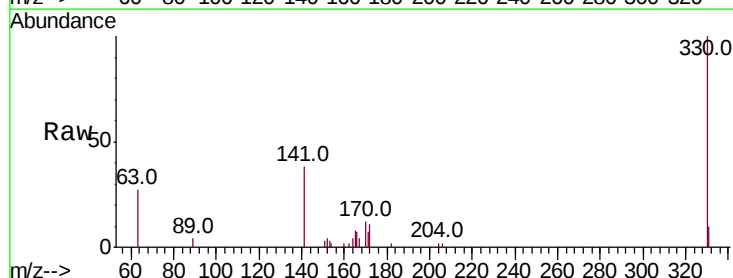
Tgt Ion:330 Resp: 5572

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

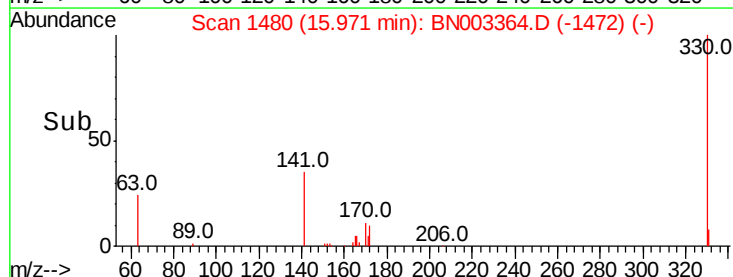
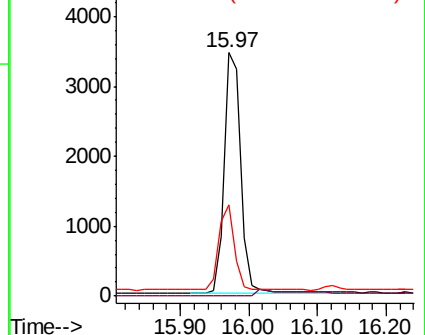
141 34.0 28.3 42.5

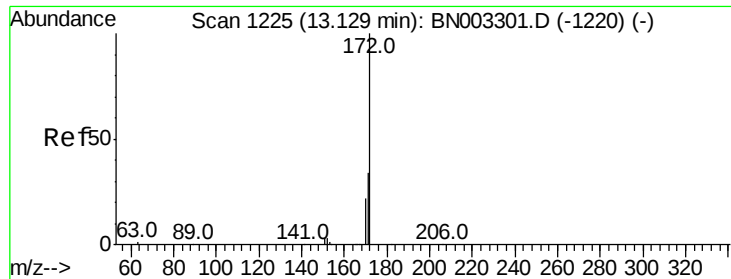


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

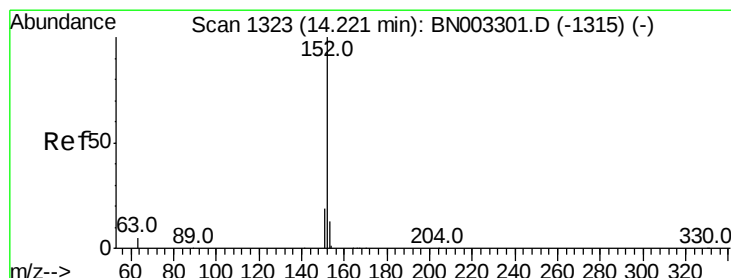
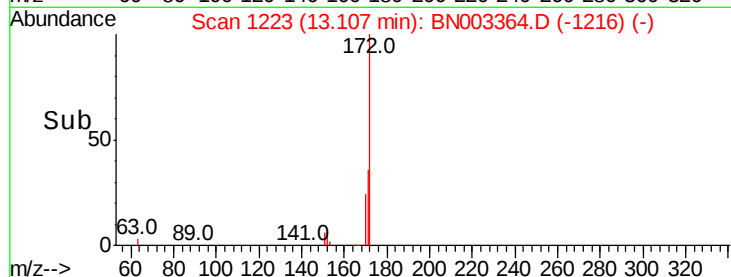
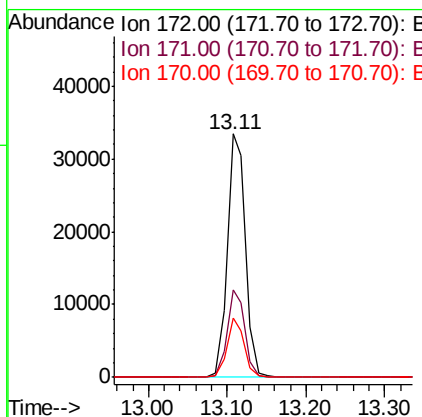
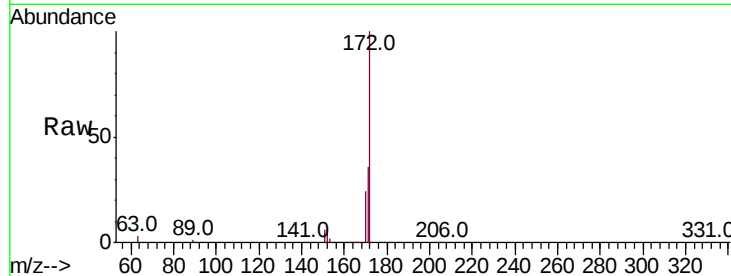




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.11 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BN003364.D
Acq: 30 Oct 2018 18:36

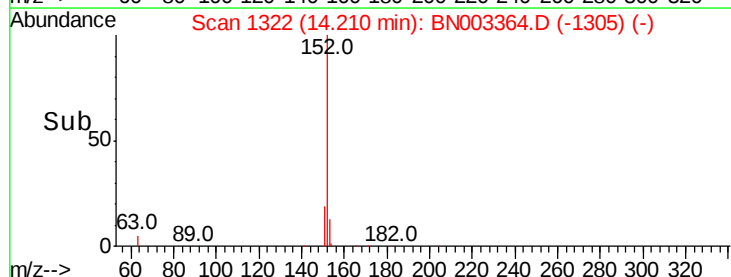
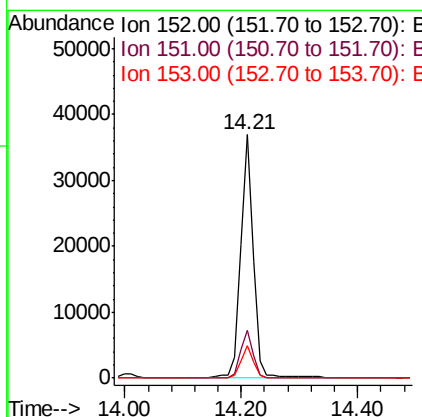
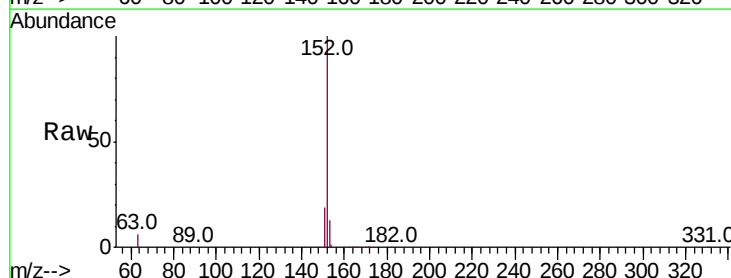
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

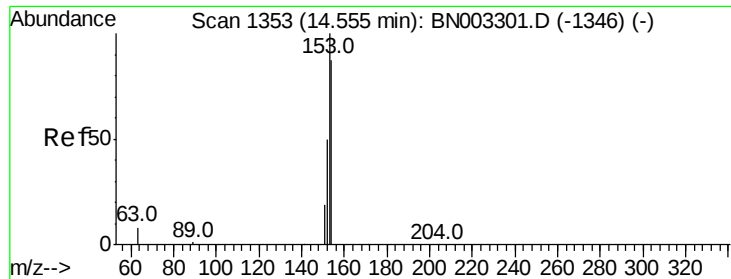
Tot Ion:172 Resp: 54446
Ion Ratio Lower Upper
172 100
171 35.9 27.1 40.7
170 24.2 17.4 26.0



#16
Acenaphthylene
Concen: 0.310 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003364.D
Acq: 30 Oct 2018 18:36

Tgt Ion:152 Resp: 55735
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.326 ng

RT: 14.56 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

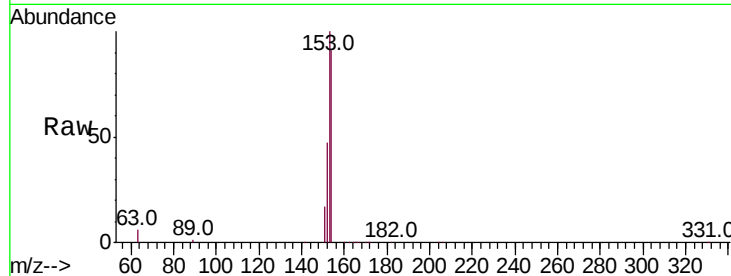
Tot Ion:154 Resp: 40577

Ion Ratio Lower Upper

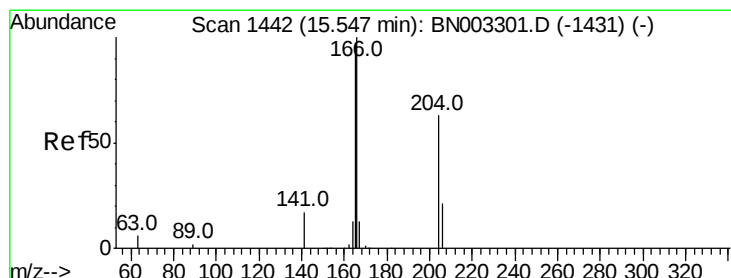
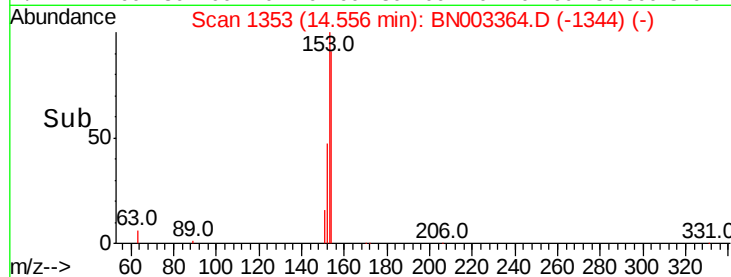
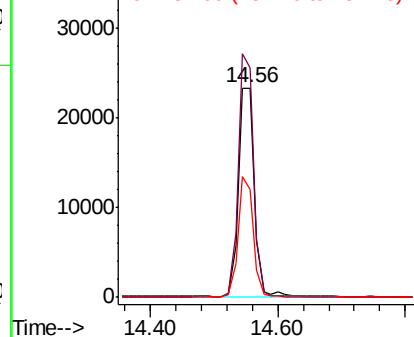
154 100

153 110.8 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: 0.312 ng

RT: 15.54 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

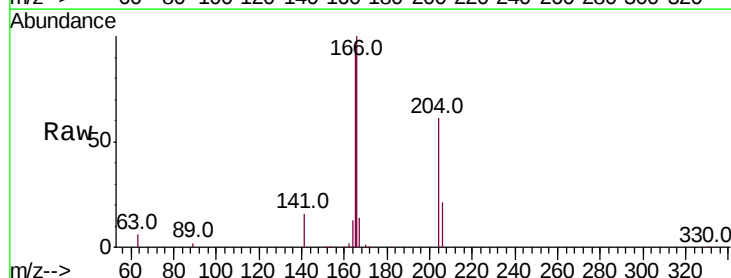
Tgt Ion:166 Resp: 48553

Ion Ratio Lower Upper

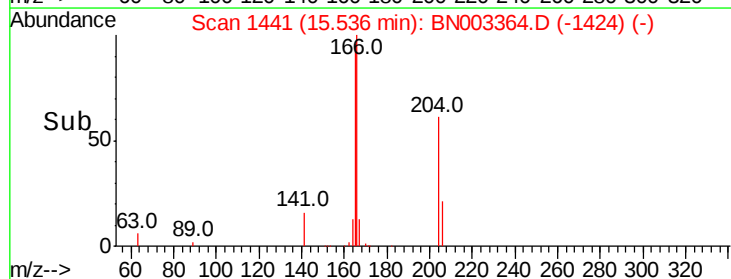
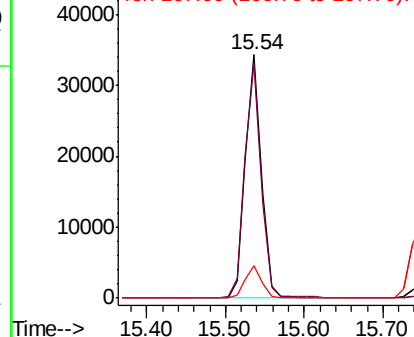
166 100

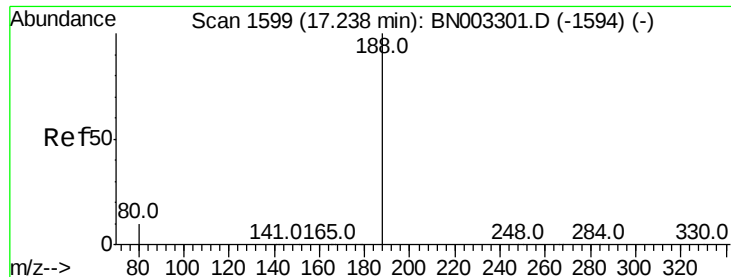
165 97.6 77.8 116.8

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: 17.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

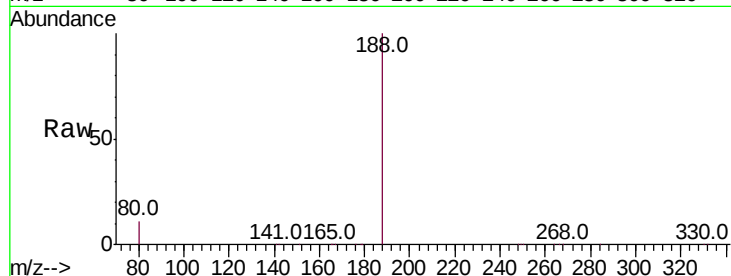
Tot Ion:188 Resp: 95496

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

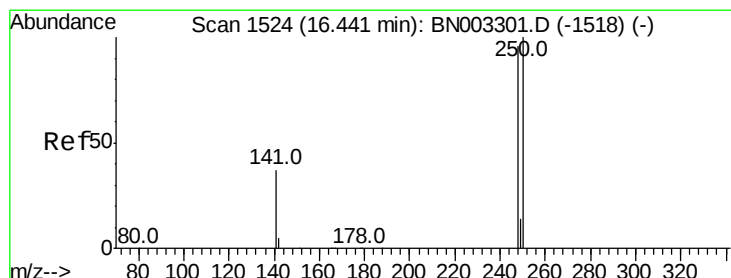
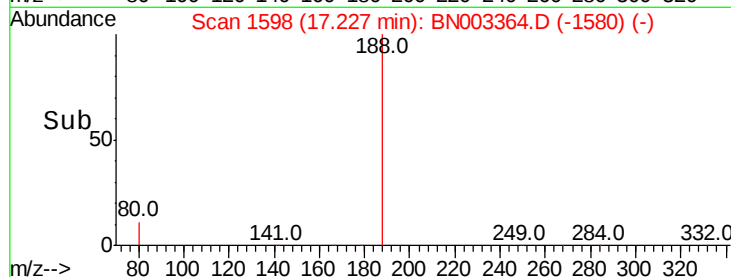
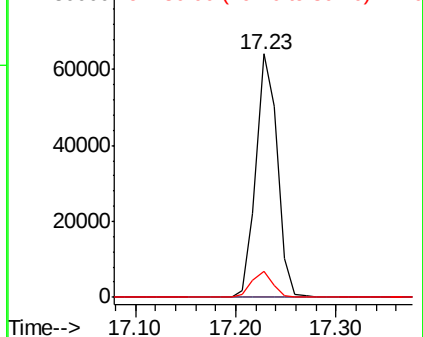
80 10.9 8.6 12.8



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: 0.324 ng

RT: 16.42 min Scan# 1522

Delta R.T. -0.02 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

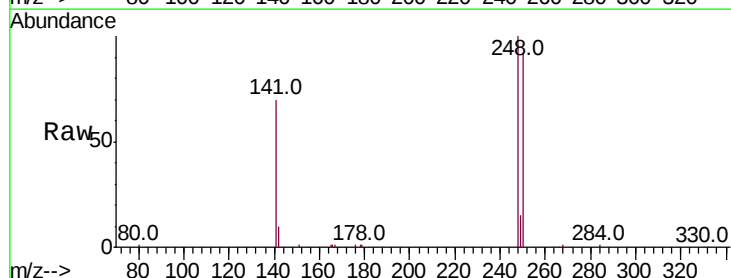
Tgt Ion:248 Resp: 17905

Ion Ratio Lower Upper

248 100

250 91.7 83.7 125.5

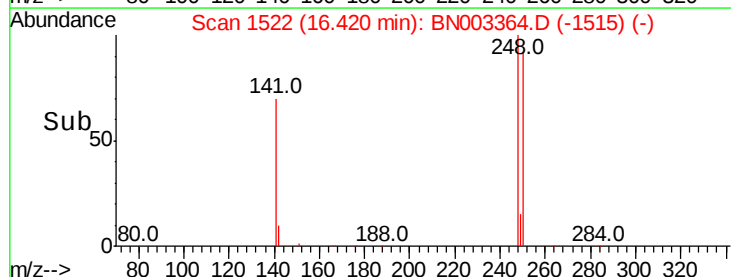
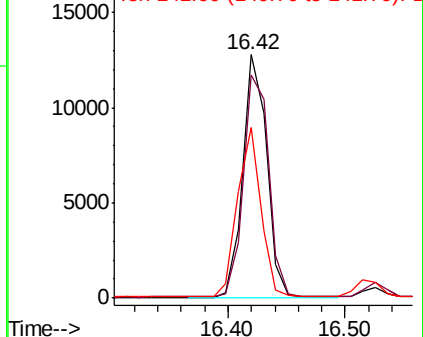
141 70.1 31.4 47.0#

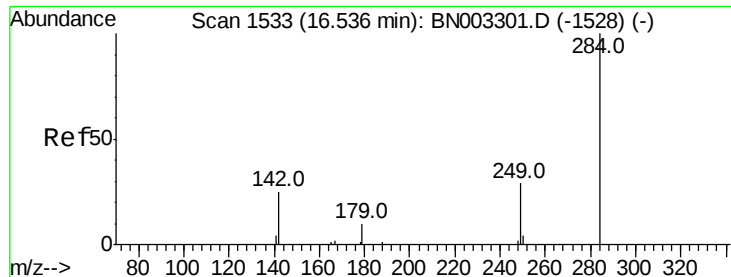


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

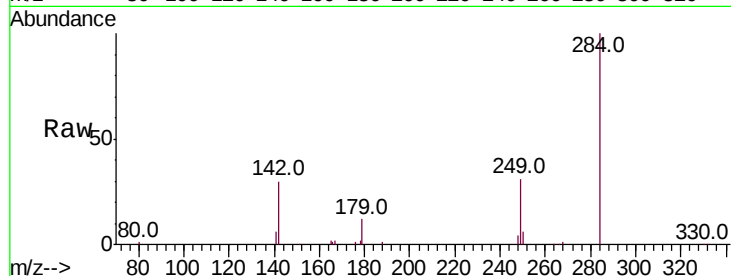




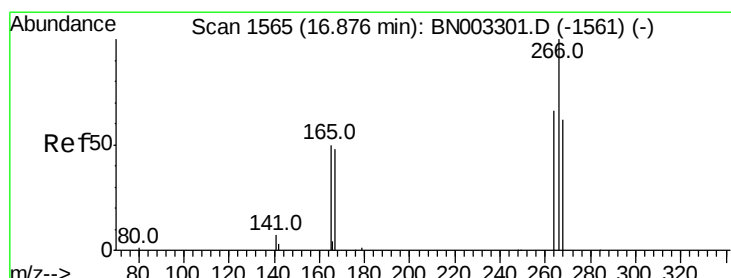
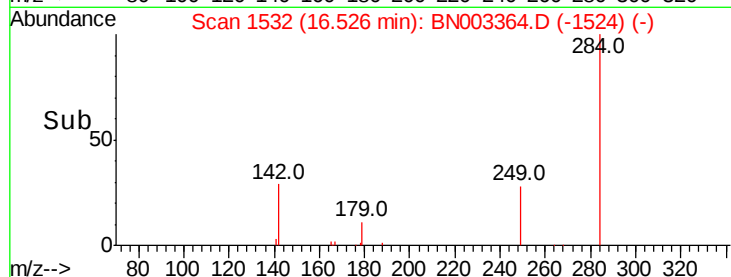
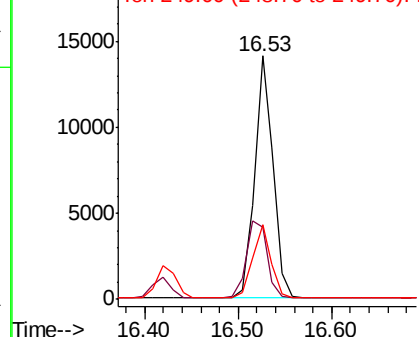
#21
Hexachlorobenzene
Concen: 0.331 ng
RT: 16.53 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN003364.D
Acq: 30 Oct 2018 18:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 19304
Ion Ratio Lower Upper
284 100
142 35.9 29.7 44.5
249 29.9 24.0 36.0

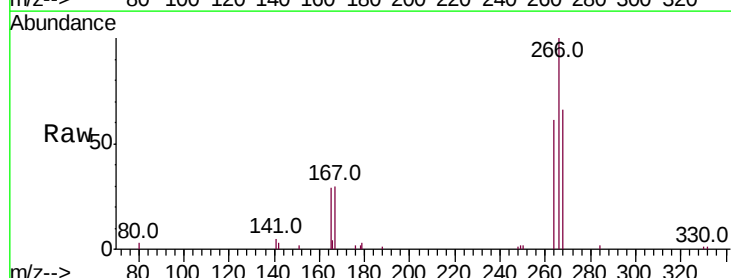


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

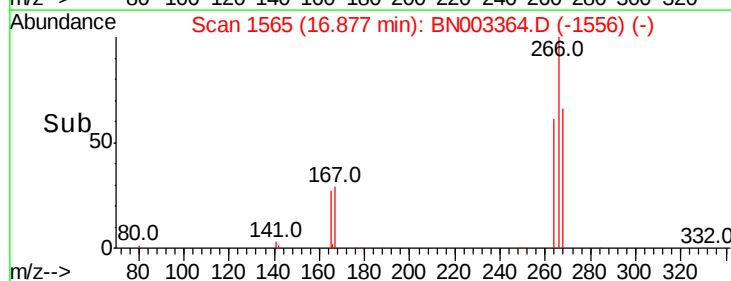
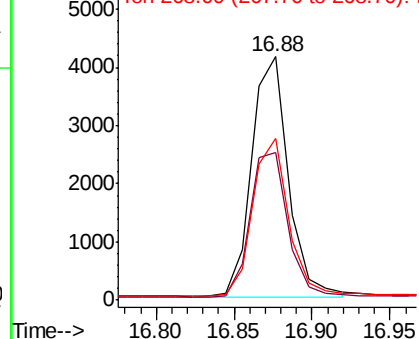


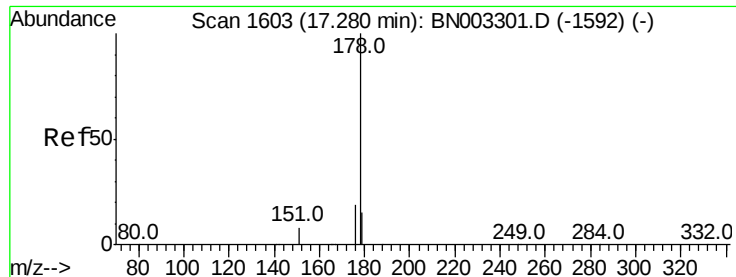
#22
Pentachlorophenol
Concen: 0.424 ng
RT: 16.88 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN003364.D
Acq: 30 Oct 2018 18:36

Tgt Ion:266 Resp: 6707
Ion Ratio Lower Upper
266 100
264 60.8 52.1 78.1
268 66.3 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: 0.319 ng

RT: 17.27 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

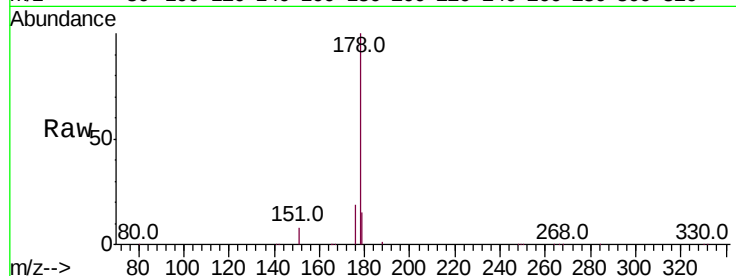
Tot Ion:178 Resp: 83494

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

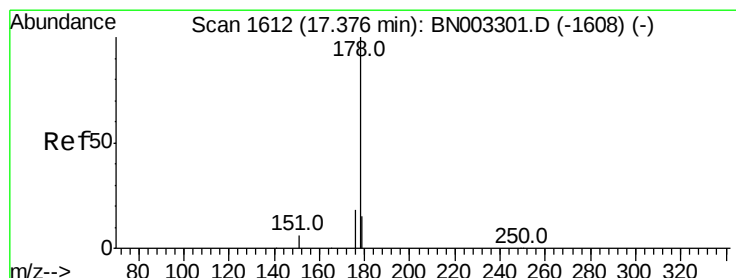
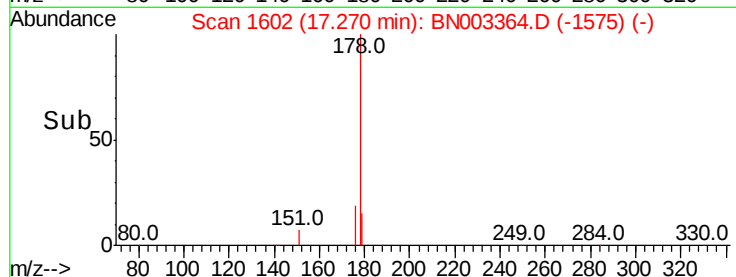
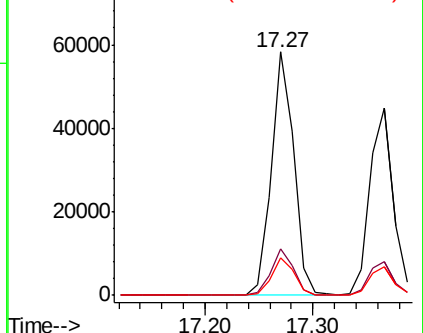
179 15.4 12.4 18.6



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: 0.306 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

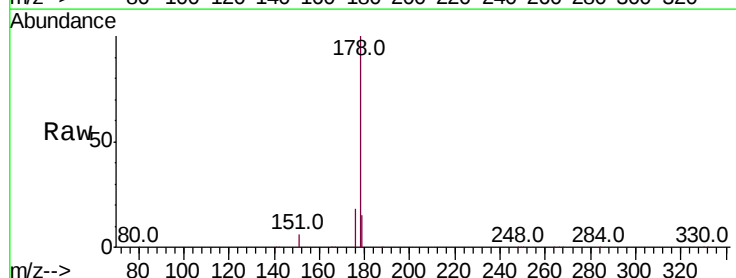
Tgt Ion:178 Resp: 68724

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

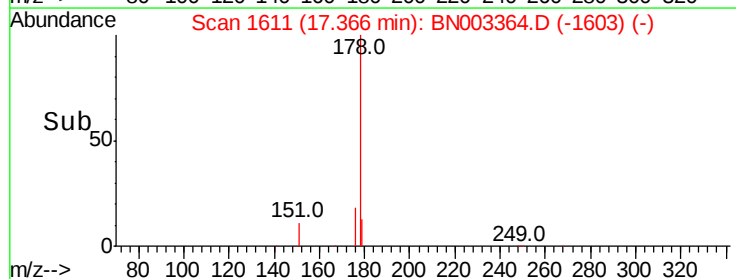
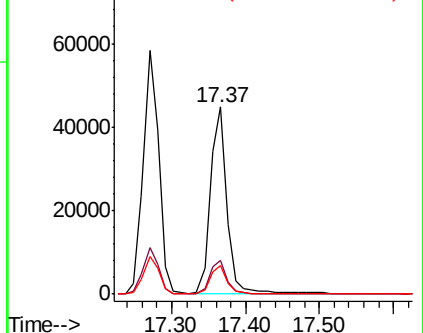
179 15.2 12.2 18.4

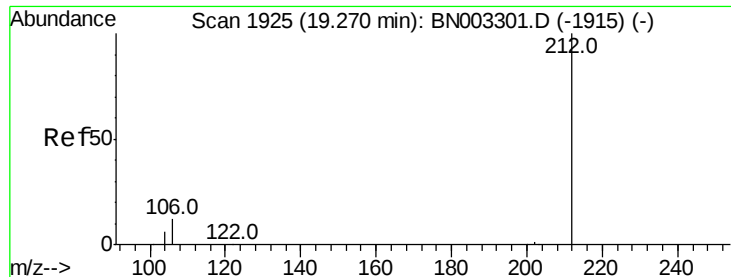


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.301 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

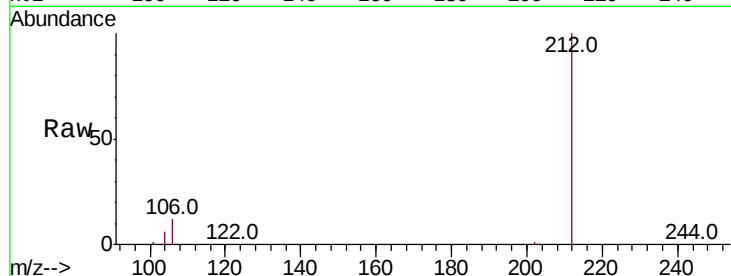
Tot Ion:212 Resp: 83487

Ion Ratio Lower Upper

212 100

106 13.0 10.3 15.5

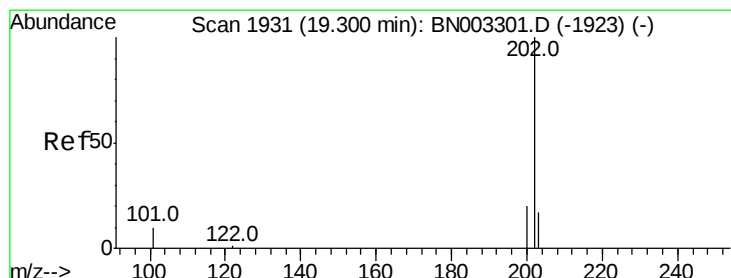
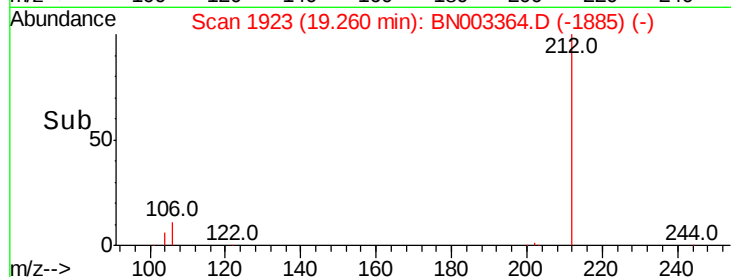
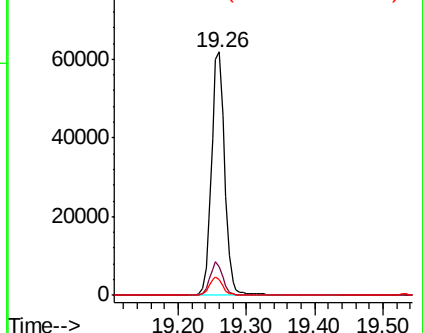
104 7.1 5.6 8.4



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: 0.302 ng

RT: 19.29 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

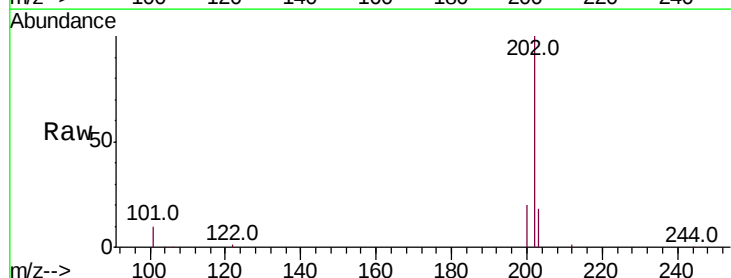
Tgt Ion:202 Resp: 90708

Ion Ratio Lower Upper

202 100

101 11.4 9.0 13.4

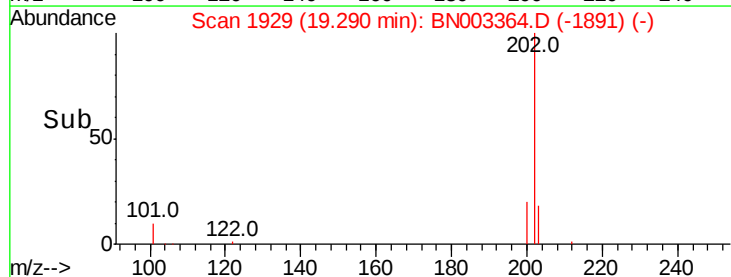
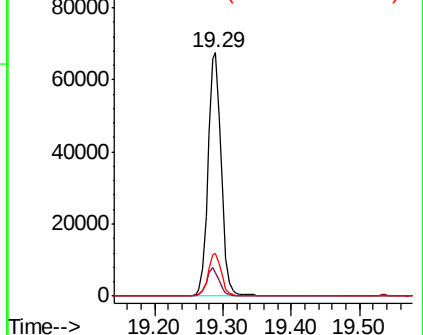
203 17.2 13.8 20.6

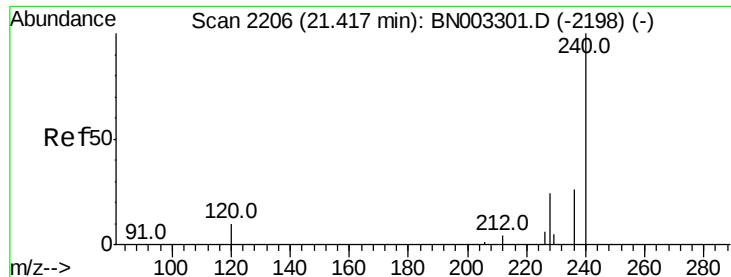


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

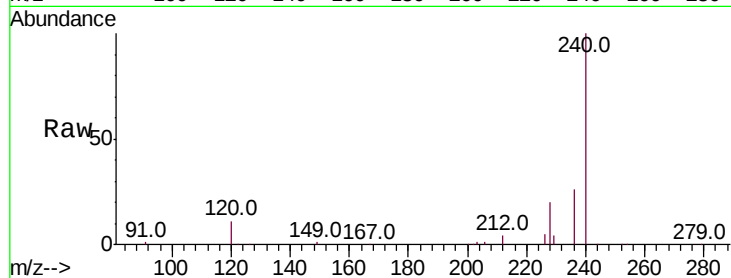
Tot Ion:240 Resp: 94081

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

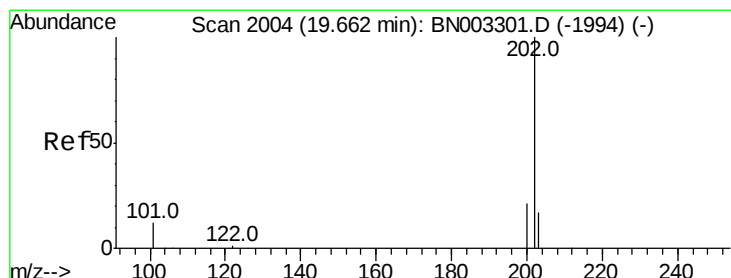
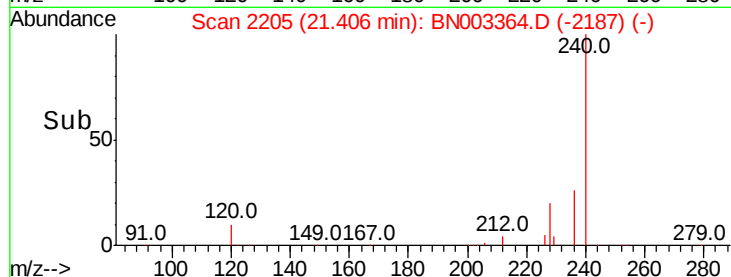
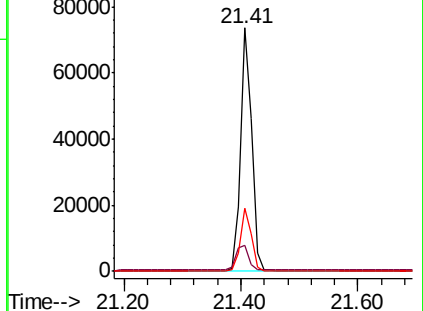
236 26.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.357 ng

RT: 19.65 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

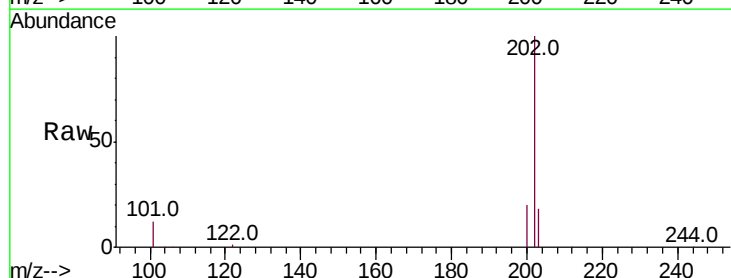
Tgt Ion:202 Resp: 92734

Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

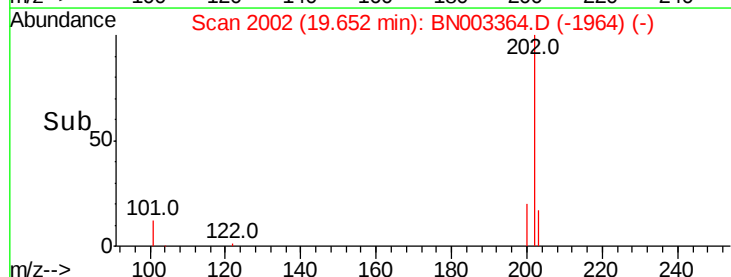
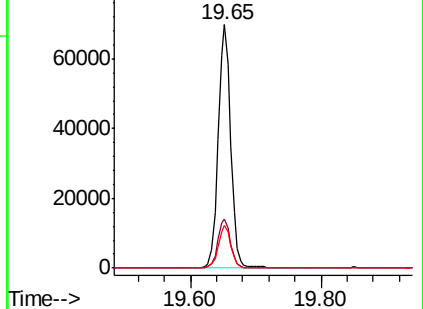
203 17.4 13.9 20.9

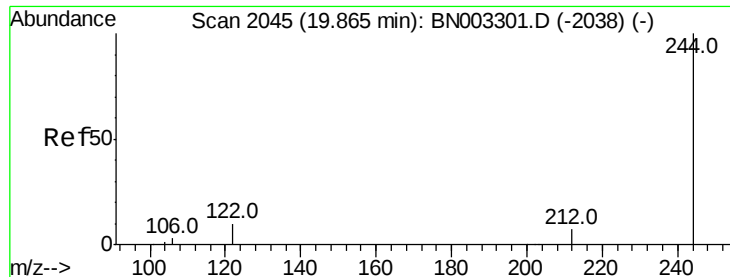


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.345 ng

RT: 19.85 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

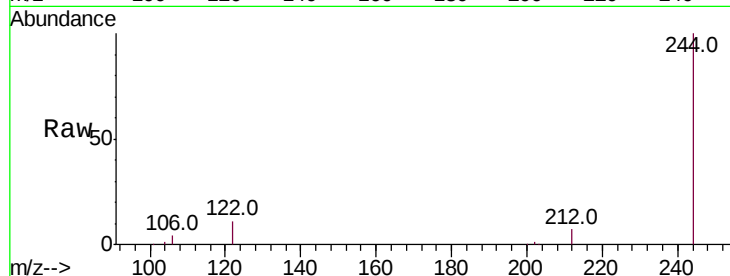
Tot Ion:244 Resp: 75485

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

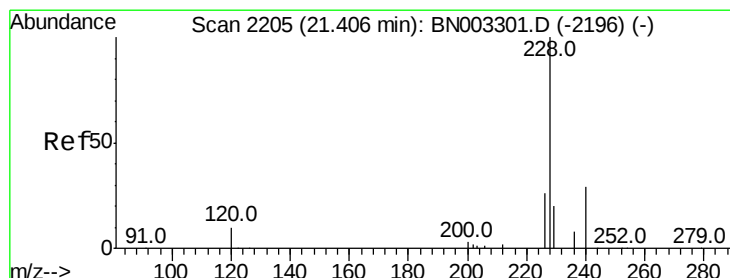
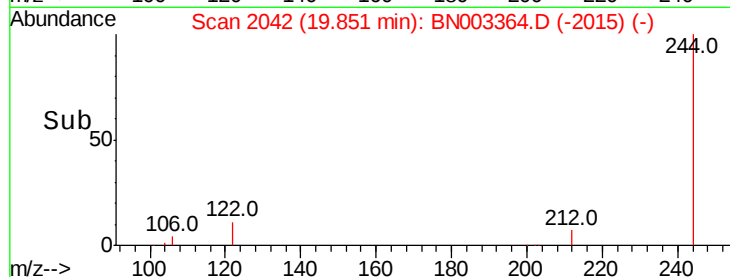
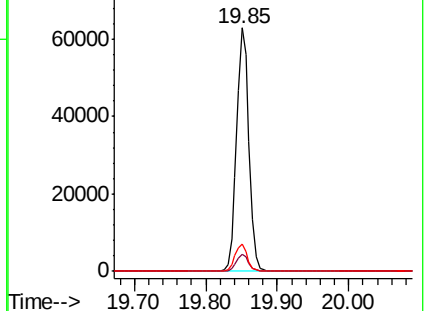
122 11.1 8.5 12.7



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: 0.315 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

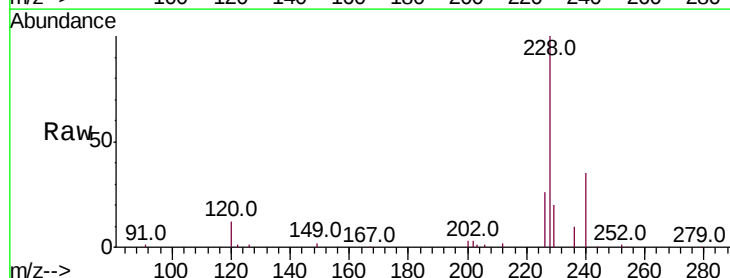
Tgt Ion:228 Resp: 77631

Ion Ratio Lower Upper

228 100

226 26.0 20.8 31.2

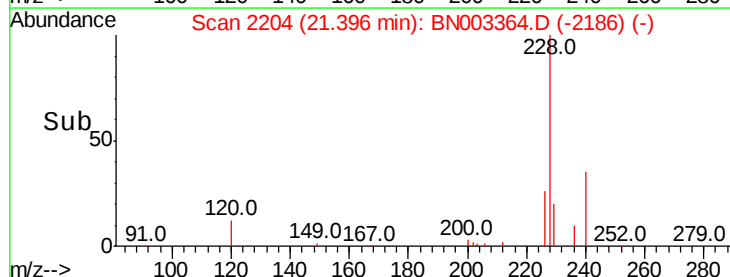
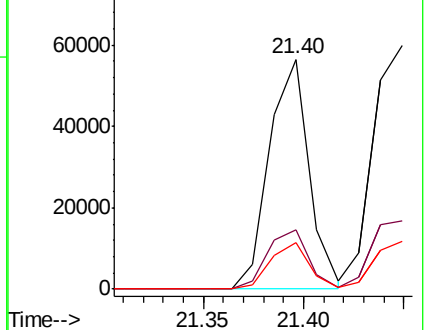
229 20.0 16.1 24.1

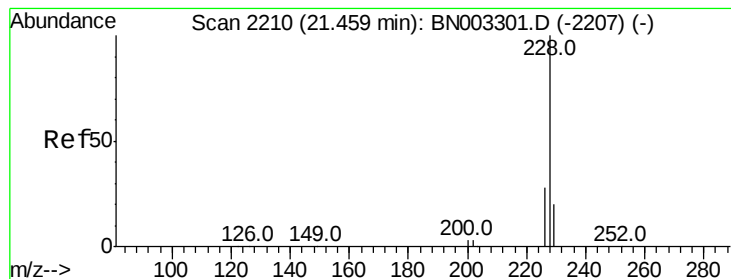


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.323 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

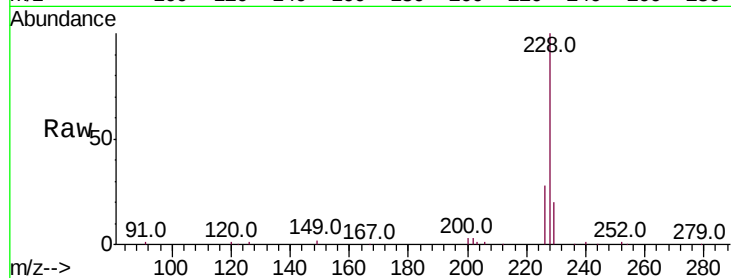
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 85820

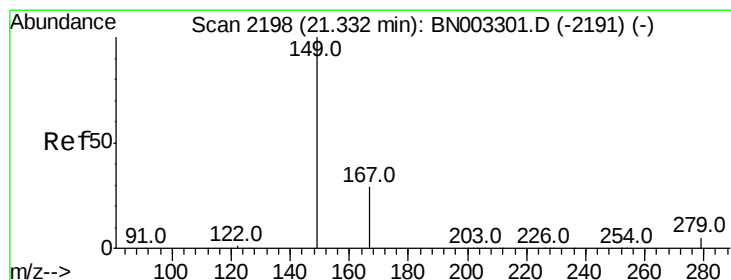
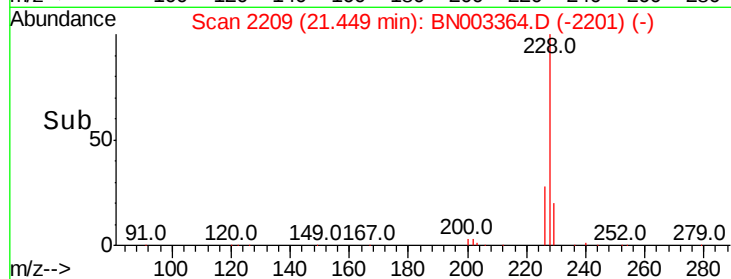
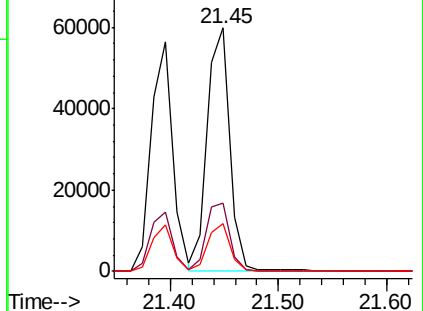
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	19.9	16.0	24.0



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: 0.390 ng

RT: 21.31 min Scan# 2196

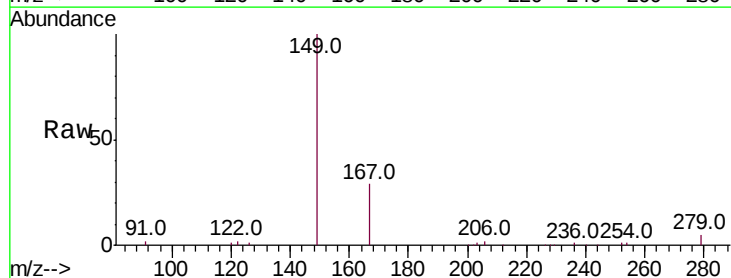
Delta R.T. -0.02 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Tgt Ion:149 Resp: 28489

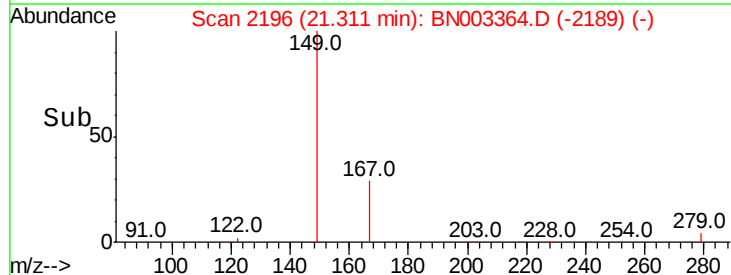
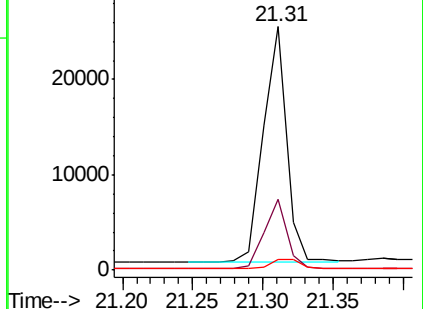
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.4	33.6
279	5.0	3.9	5.9

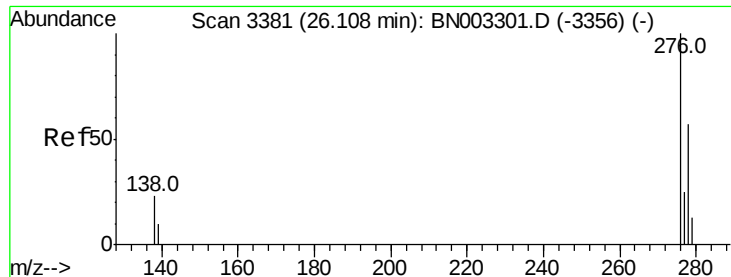


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

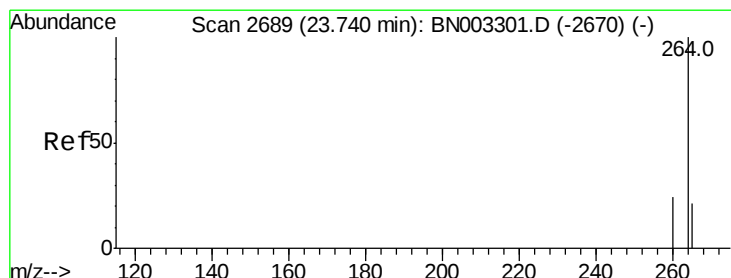
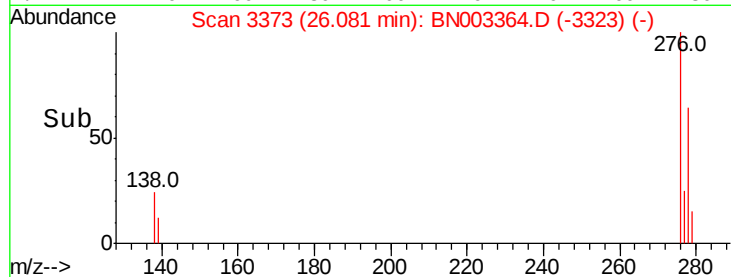
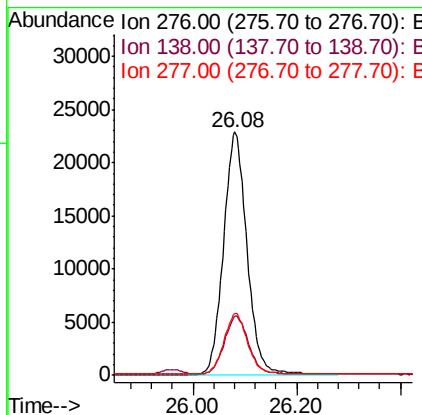
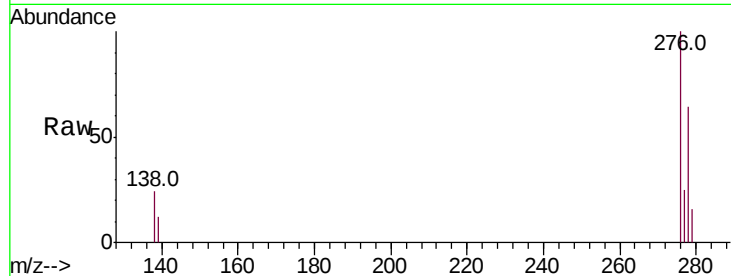




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng
RT: 26.08 min Scan# 3373
Delta R.T. -0.03 min
Lab File: BN003364.D
Acq: 30 Oct 2018 18:36

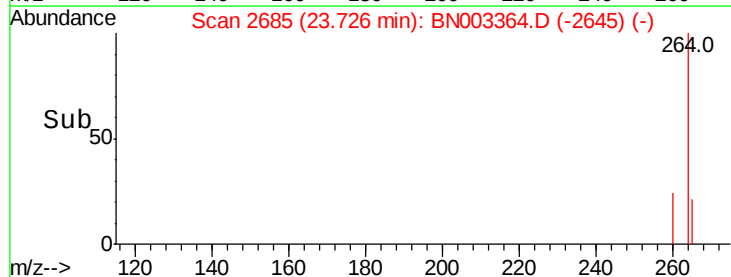
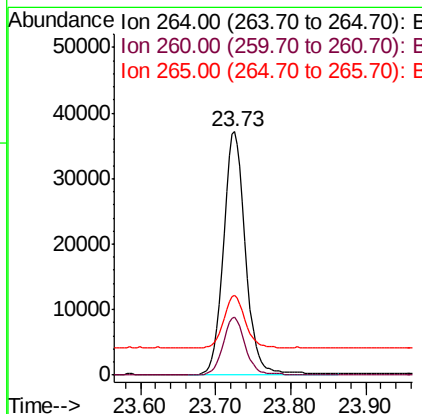
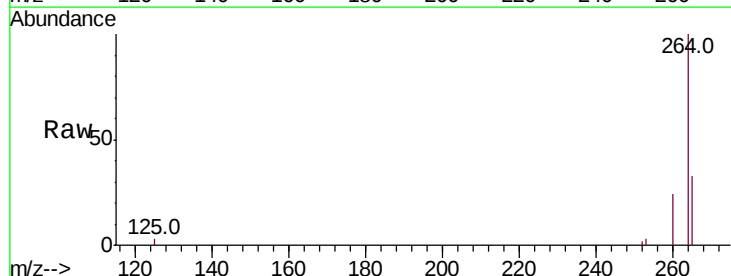
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

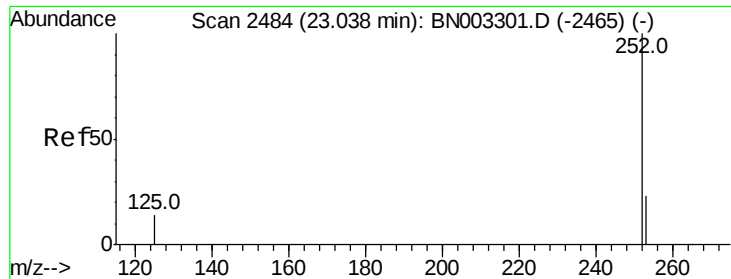
Tot Ion:276 Resp: 71743
Ion Ratio Lower Upper
276 100
138 24.2 20.6 30.8
277 25.0 20.0 30.0



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BN003364.D
Acq: 30 Oct 2018 18:36

Tgt Ion:264 Resp: 74559
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 32.6 26.4 39.6

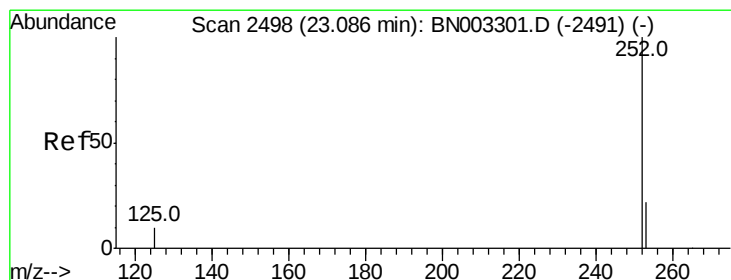
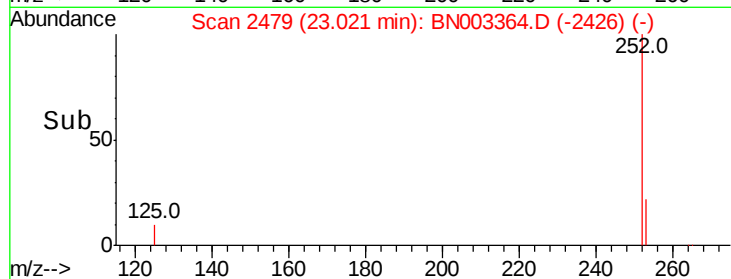
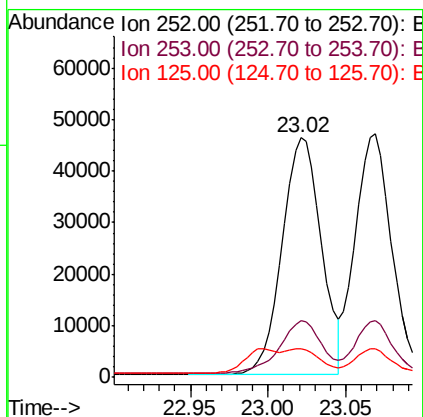
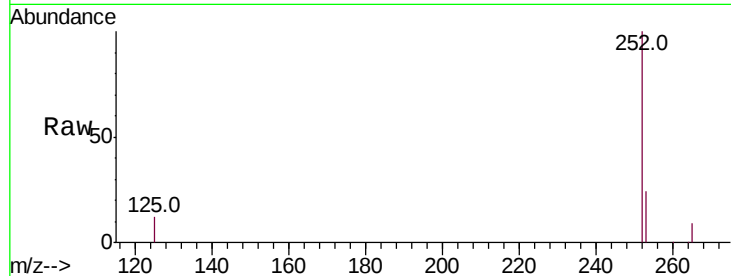




#35
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 23.02 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BN003364.D
Acq: 30 Oct 2018 18:36

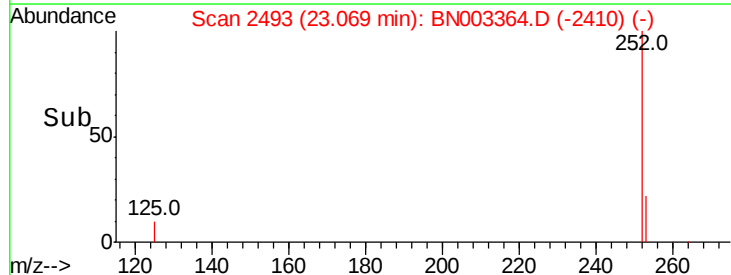
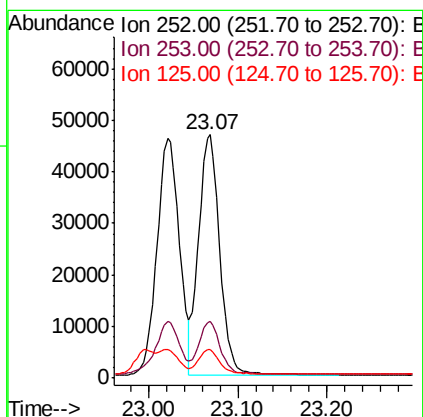
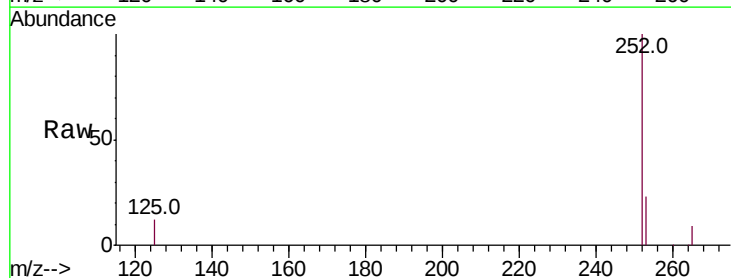
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

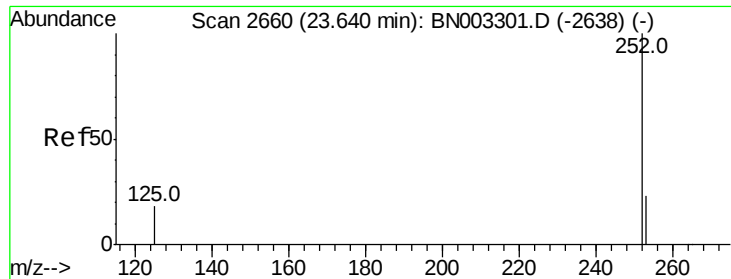
Tot Ion:252 Resp: 80760
Ion Ratio Lower Upper
252 100
253 23.6 19.3 28.9
125 12.0 12.7 19.1#



#36
Benzo(k)fluoranthene
Concen: 0.334 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BN003364.D
Acq: 30 Oct 2018 18:36

Tgt Ion:252 Resp: 76992
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 11.6 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.333 ng

RT: 23.62 min Scan# 2654

Delta R.T. -0.02 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

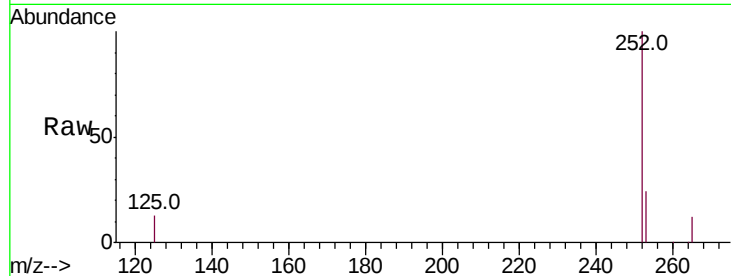
Tot Ion:252 Resp: 70404

Ion Ratio Lower Upper

252 100

253 23.7 20.1 30.1

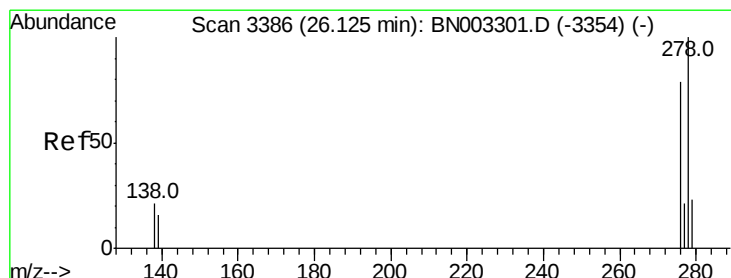
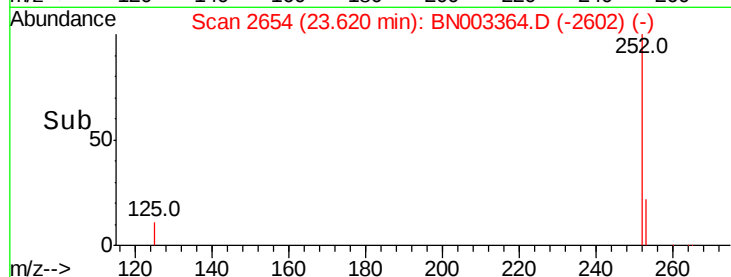
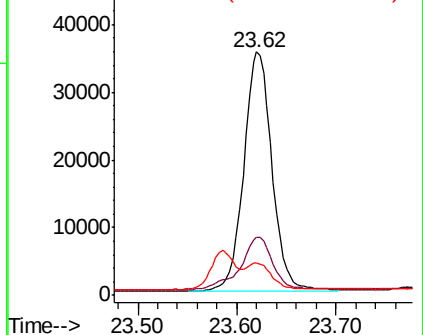
125 13.4 16.0 24.0#



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: 0.302 ng

RT: 26.10 min Scan# 3378

Delta R.T. -0.03 min

Lab File: BN003364.D

Acq: 30 Oct 2018 18:36

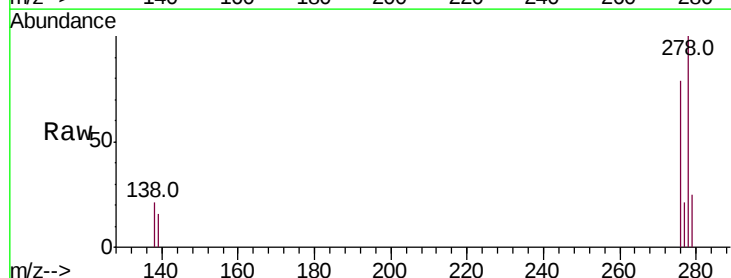
Tgt Ion:278 Resp: 59633

Ion Ratio Lower Upper

278 100

139 16.4 13.5 20.3

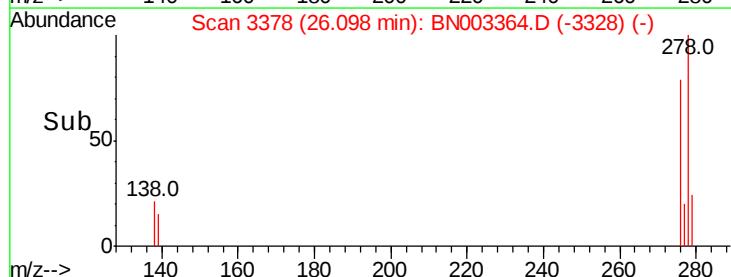
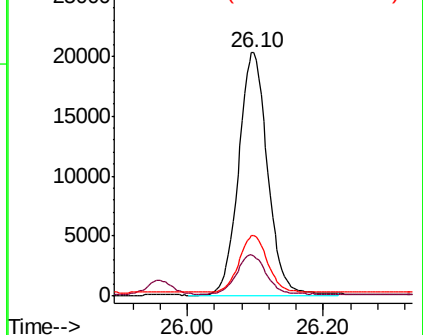
279 25.0 19.8 29.6

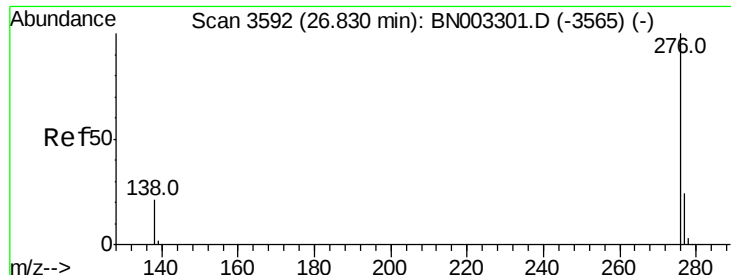


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.297 ng

RT: 26.80 min Scan# 3584

Delta R.T. -0.03 min

Lab File: BN003364.D

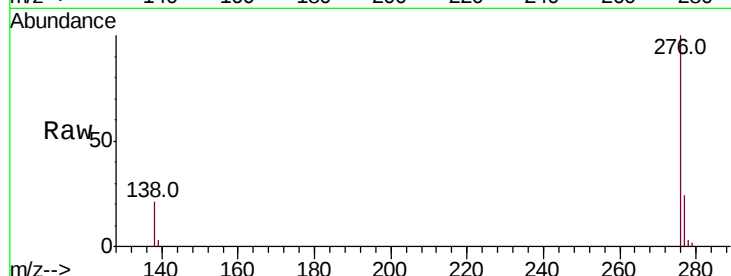
Acq: 30 Oct 2018 18:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



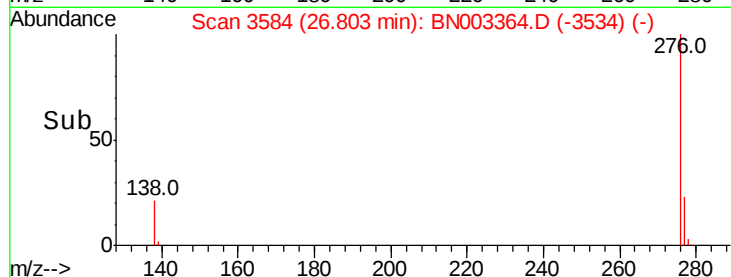
Tot Ion:276 Resp: 58665

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 21.4 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

