

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\
 Data File : BN003329.D
 Acq On : 29 Oct 2018 09:58
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 30 06:44:09 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	12850	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	53341	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	31322	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	76333	0.40	ng	0.00
27) Chrysene-d12	21.42	240	88849	0.40	ng	0.00
34) Perylene-d12	23.74	264	87949	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	12017	0.38	ng	0.00
5) Phenol-d6	7.01	99	15170	0.38	ng	0.00
8) Nitrobenzene-d5	9.02	82	11667	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	31582	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	4598	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	47870	0.36	ng	-0.01
25) Fluoranthene-d10	19.26	212	78952	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	70445	0.34	ng	0.00

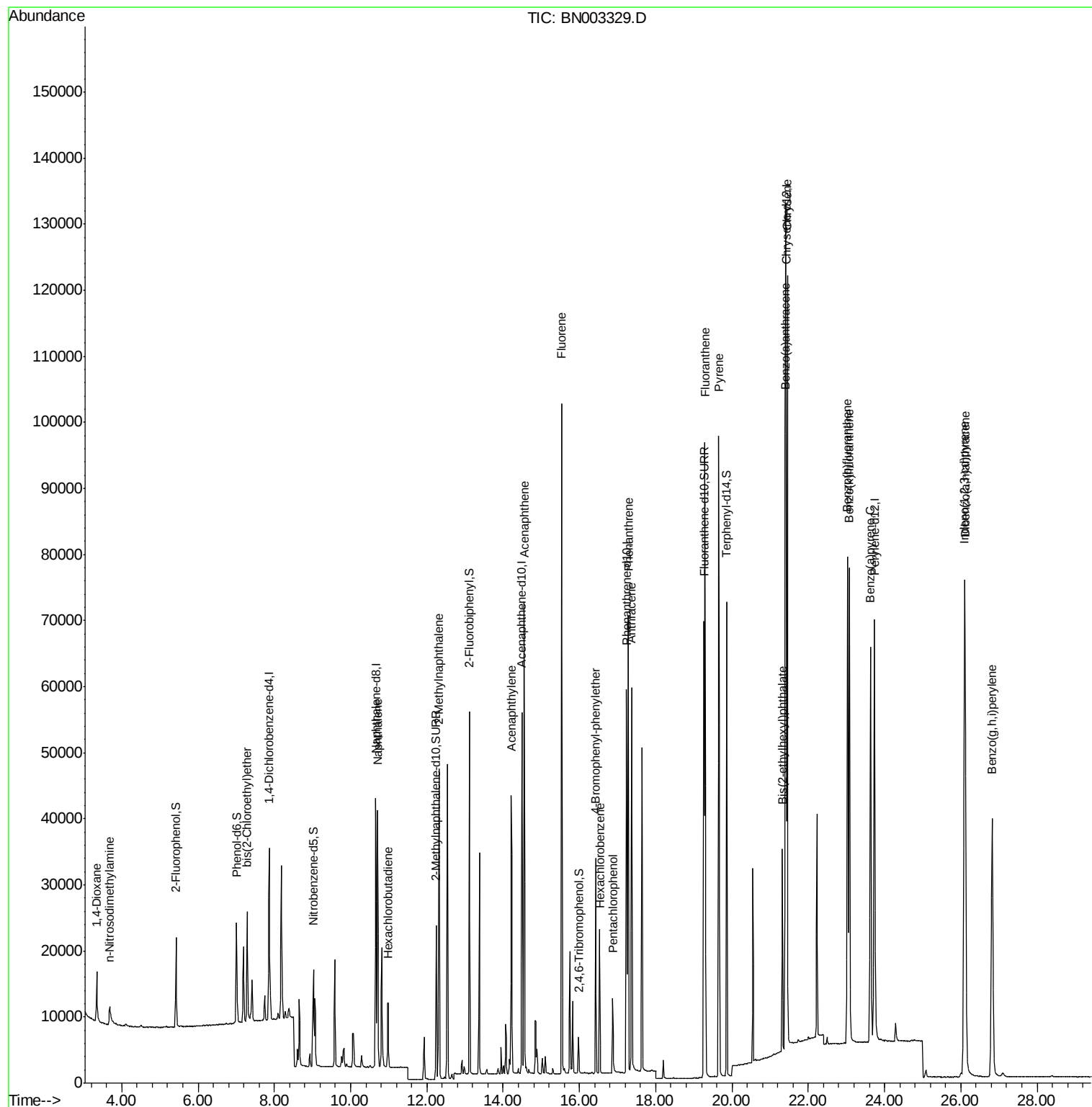
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	5873	0.353	ng	100
3) n-Nitrosodimethylamine	3.68	42	3027	0.395	ng	# 94
6) bis(2-Chloroethyl)ether	7.29	93	13861	0.387	ng	99
9) Naphthalene	10.71	128	48474	0.371	ng	99
10) Hexachlorobutadiene	10.99	225	8967	0.376	ng	# 99
12) 2-Methylnaphthalene	12.32	142	33326	0.365	ng	98
16) Acenaphthylene	14.21	152	48598	0.348	ng	100
17) Acenaphthene	14.56	154	34945	0.361	ng	99
18) Fluorene	15.54	166	42439	0.350	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	15782	0.357	ng	# 90
21) Hexachlorobenzene	16.54	284	16992	0.365	ng	99
22) Pentachlorophenol	16.88	266	5656	0.448	ng	97
23) Phenanthrene	17.28	178	74932	0.358	ng	100
24) Anthracene	17.37	178	61508	0.342	ng	100
26) Fluoranthene	19.29	202	85289	0.355	ng	100
28) Pyrene	19.66	202	86545	0.352	ng	100
30) Benzo(a)anthracene	21.40	228	82399	0.354	ng	97
31) Chrysene	21.45	228	90866	0.362	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	25793	0.374	ng	100
33) Indeno(1,2,3-cd)pyrene	26.09	276	100369	0.386	ng	98
35) Benzo(b)fluoranthene	23.03	252	94968	0.346	ng	# 95
36) Benzo(k)fluoranthene	23.08	252	93349	0.343	ng	100
37) Benzo(a)pyrene	23.63	252	87666	0.351	ng	# 92
38) Dibenzo(a,h)anthracene	26.12	278	82095	0.353	ng	99
39) Benzo(g,h,i)perylene	26.82	276	84251	0.362	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: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

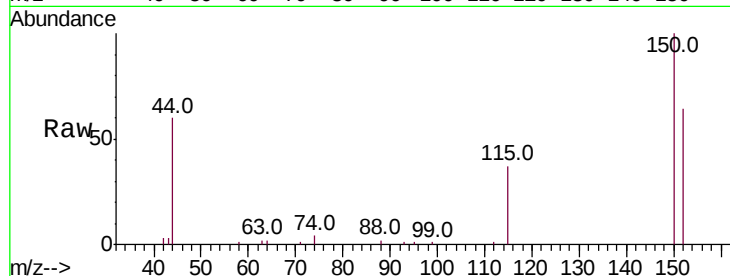
Tot Ion:152 Resp: 12850

Ion Ratio Lower Upper

152 100

150 155.8 124.6 187.0

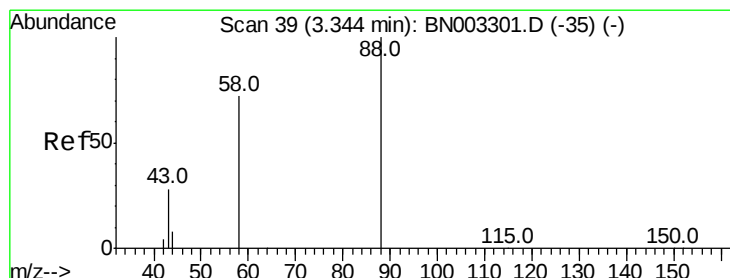
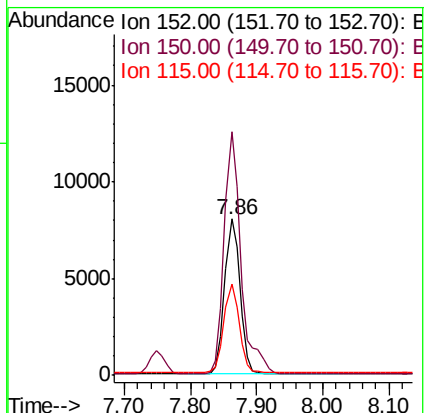
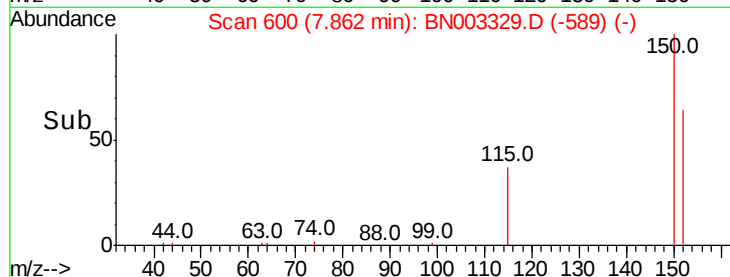
115 58.2 46.4 69.6



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: 0.353 ng

RT: 3.34 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

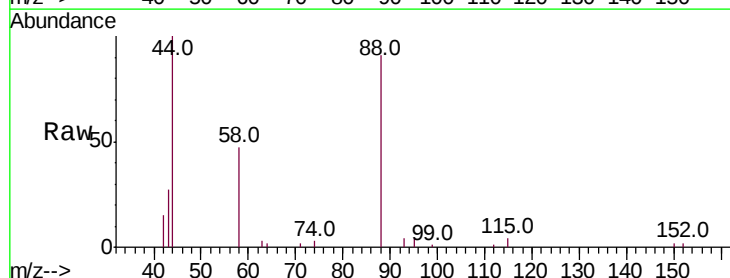
Tgt Ion: 88 Resp: 5873

Ion Ratio Lower Upper

88 100

58 75.8 60.9 91.3

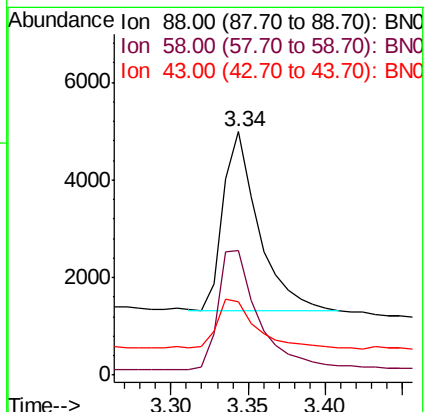
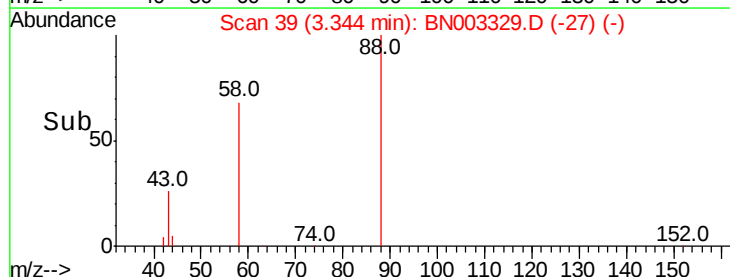
43 30.0 23.9 35.9



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: 0.395 ng

RT: 3.68 min Scan# 81

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

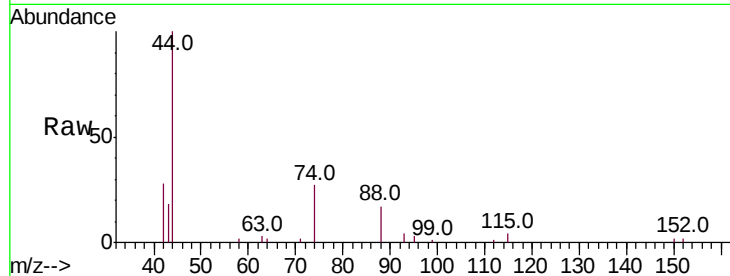
Tot Ion: 42 Resp: 3027

Ion Ratio Lower Upper

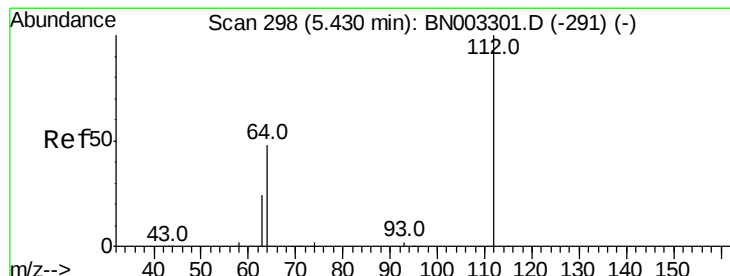
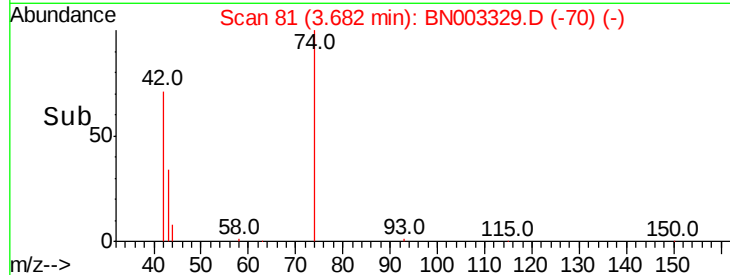
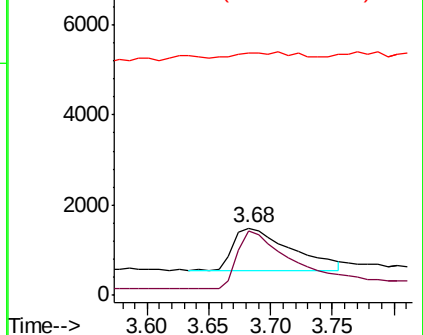
42 100

74 130.2 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: 0.378 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

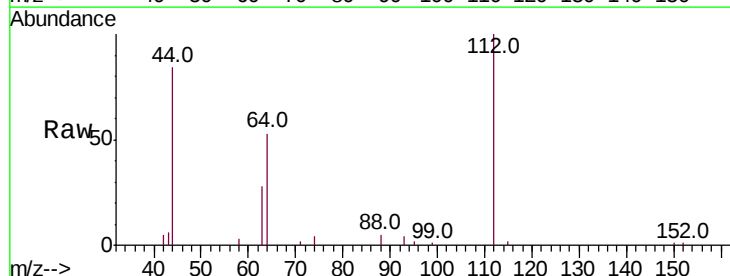
Tgt Ion: 112 Resp: 12017

Ion Ratio Lower Upper

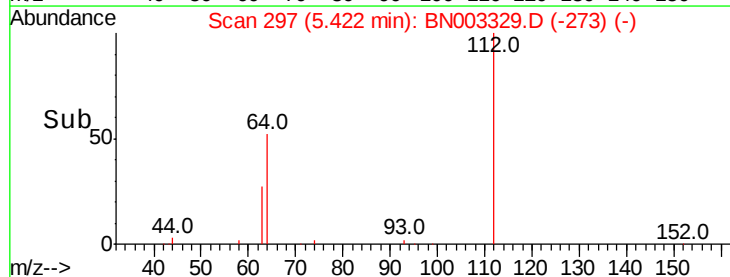
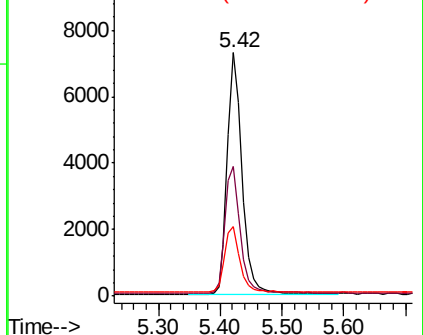
112 100

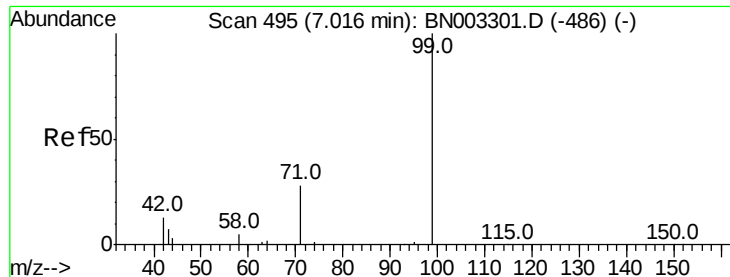
64 53.9 44.3 66.5

63 27.4 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: 0.378 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

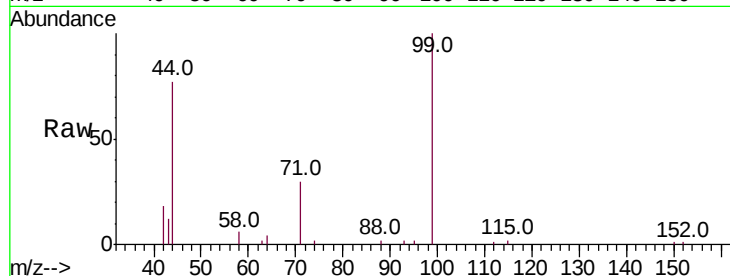
Tot Ion: 99 Resp: 15170

Ion Ratio Lower Upper

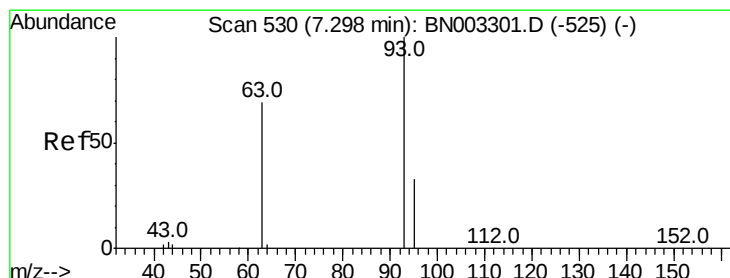
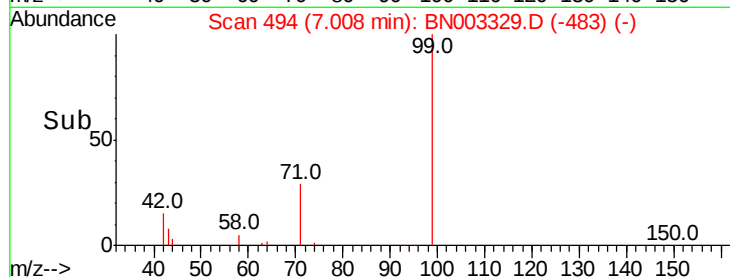
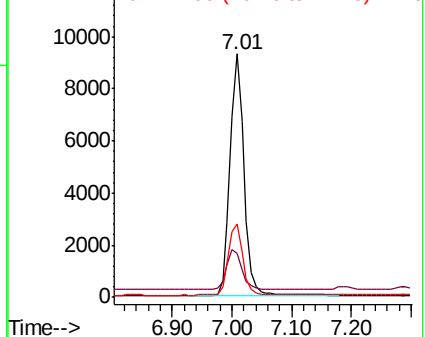
99 100

42 18.2 14.8 22.2

71 30.4 24.8 37.2



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



#6

bis(2-Chloroethyl)ether

Concen: 0.387 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

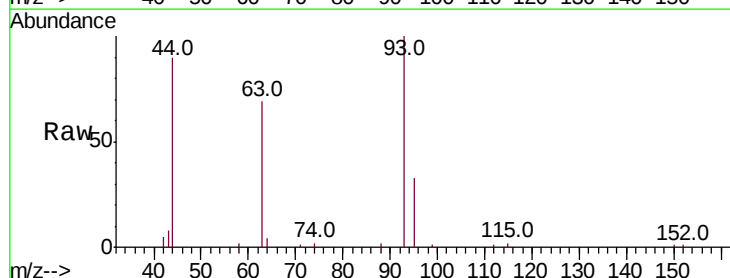
Tgt Ion: 93 Resp: 13861

Ion Ratio Lower Upper

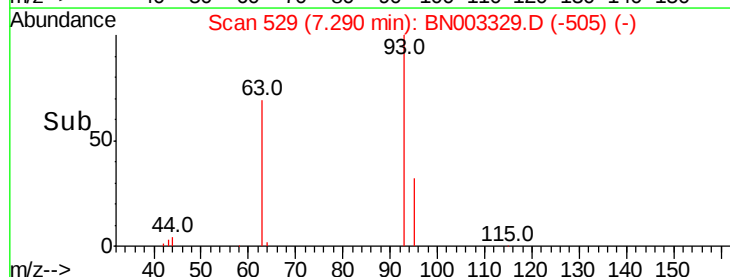
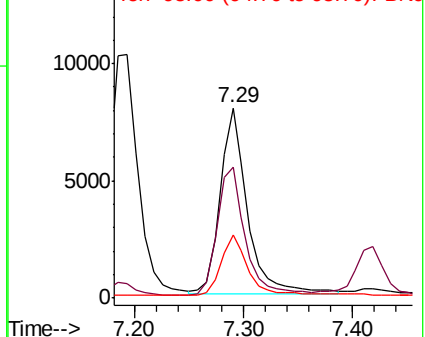
93 100

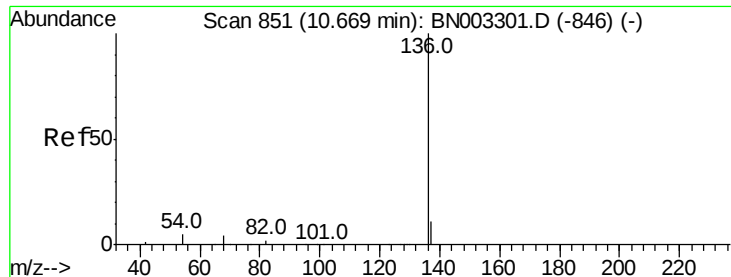
63 70.5 55.8 83.6

95 32.2 25.4 38.2



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 53341

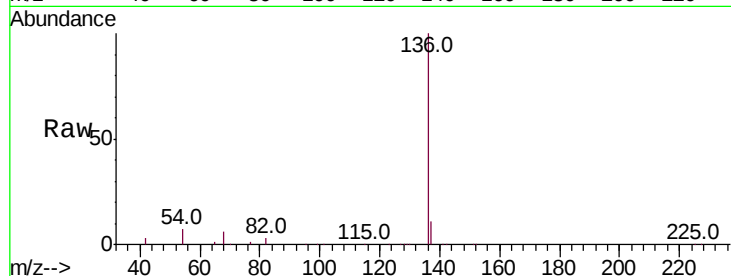
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.3 4.1 6.1#

68 6.0 3.5 5.3#

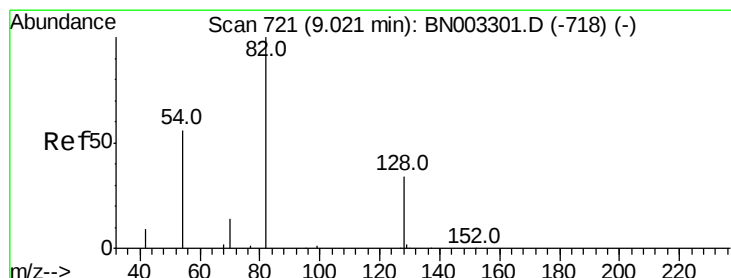
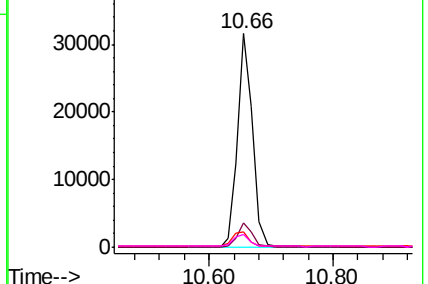
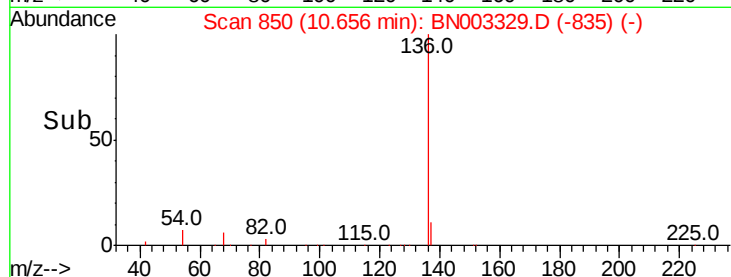


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.499 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

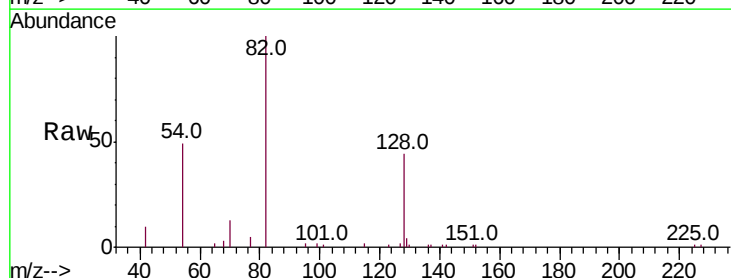
Tgt Ion: 82 Resp: 11667

Ion Ratio Lower Upper

82 100

128 43.7 28.9 43.3#

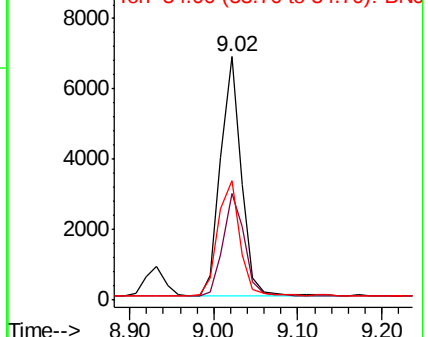
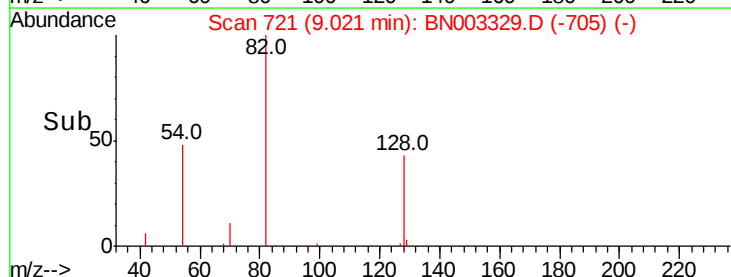
54 49.3 46.1 69.1

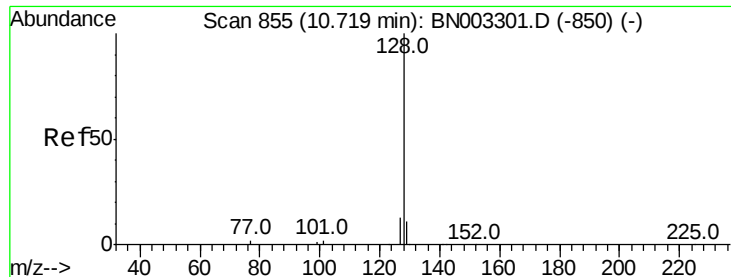


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.371 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

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BNA_N

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SSTDCCC0.4

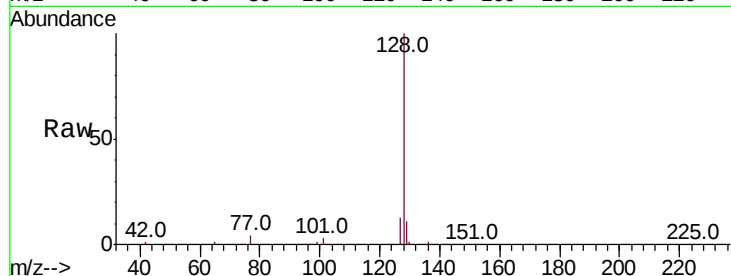
Tot Ion:128 Resp: 48474

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

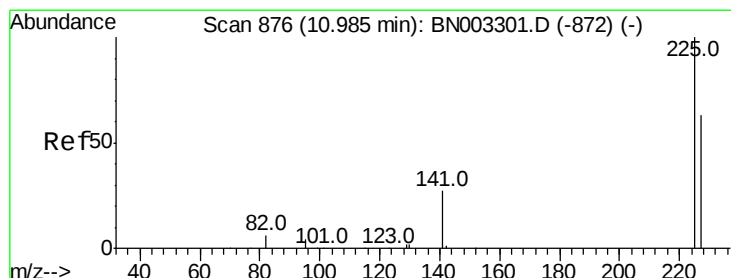
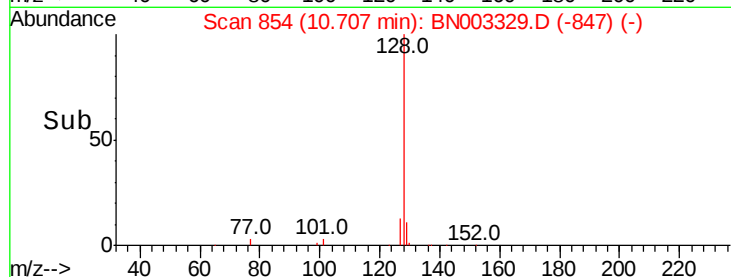
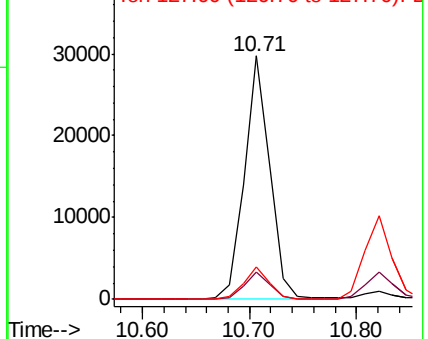
127 13.1 10.2 15.4



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: 0.376 ng

RT: 10.99 min Scan# 876

Delta R.T. 0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

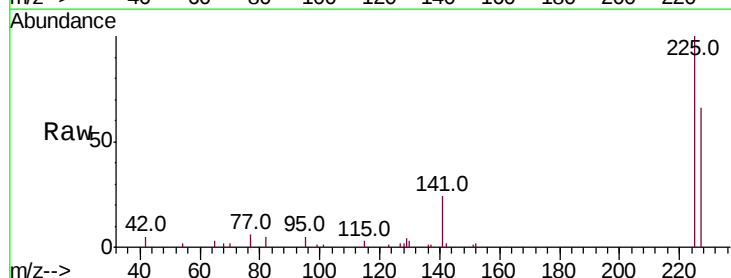
Tgt Ion:225 Resp: 8967

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

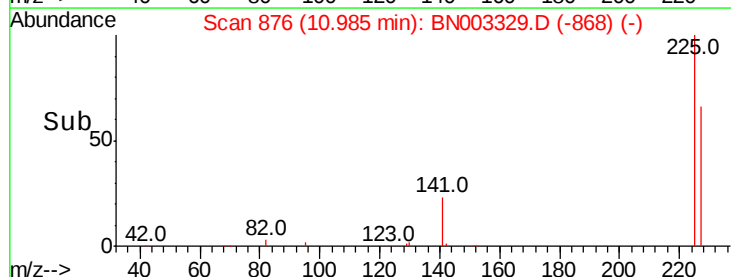
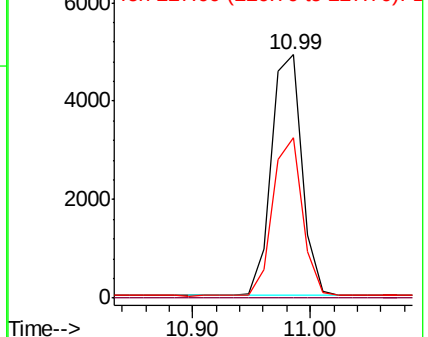
227 63.6 51.3 76.9

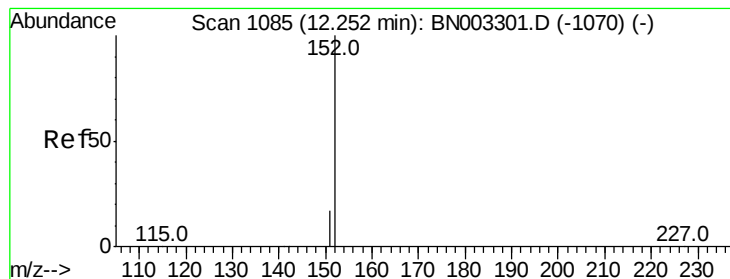


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.364 ng

RT: 12.24 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

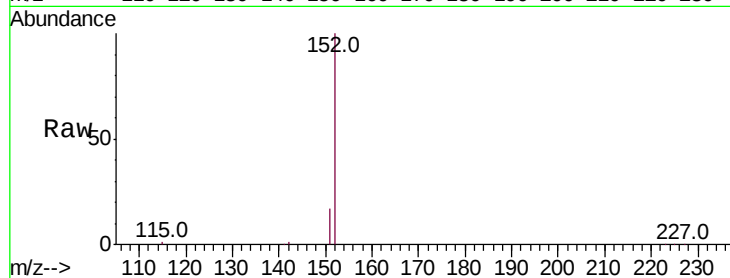
SSTDCCC0.4

Tot Ion:152 Resp: 31582

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

12.24

20000

15000

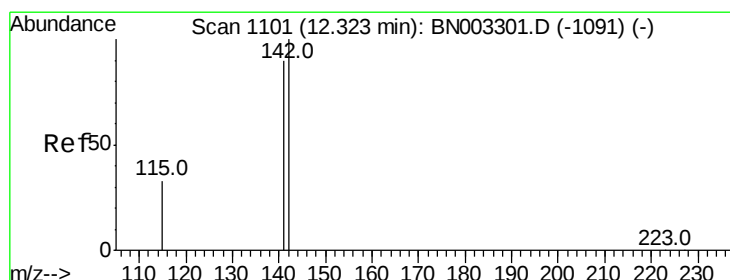
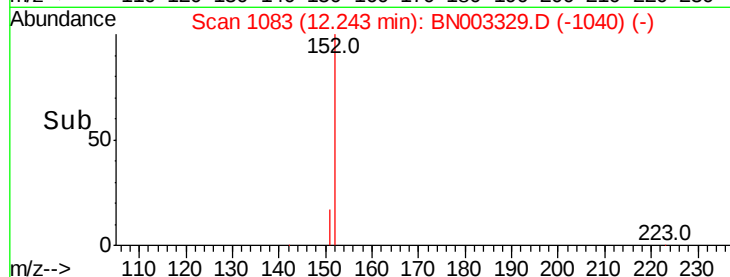
10000

5000

0

12.20 12.30

Time-->



#12

2-Methylnaphthalene

Concen: 0.365 ng

RT: 12.32 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

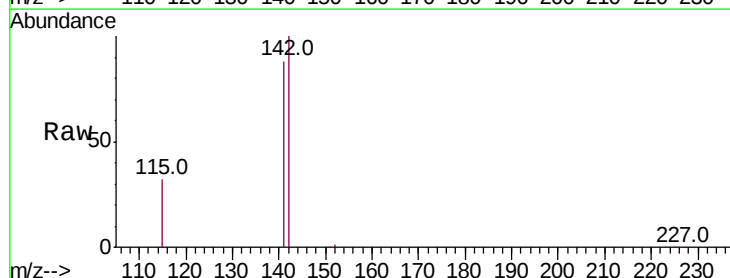
Tgt Ion:142 Resp: 33326

Ion Ratio Lower Upper

142 100

141 88.4 71.9 107.9

115 32.3 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

12.32

25000

20000

15000

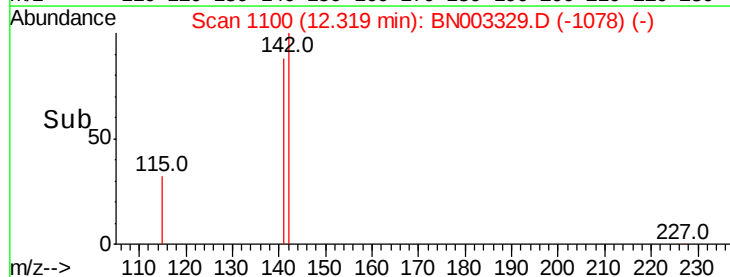
10000

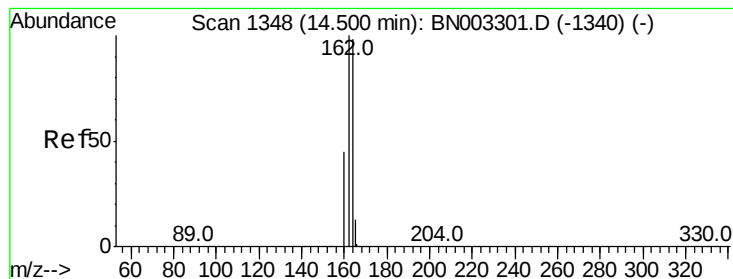
5000

0

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: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

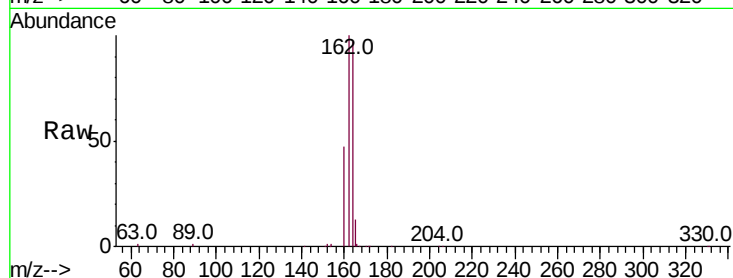
Tot Ion:164 Resp: 31322

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.6

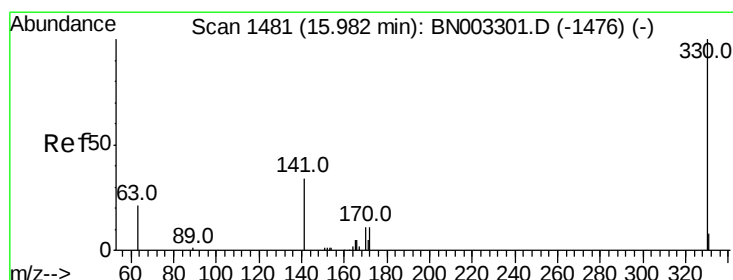
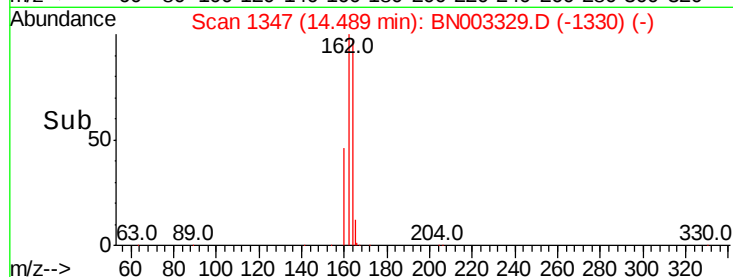
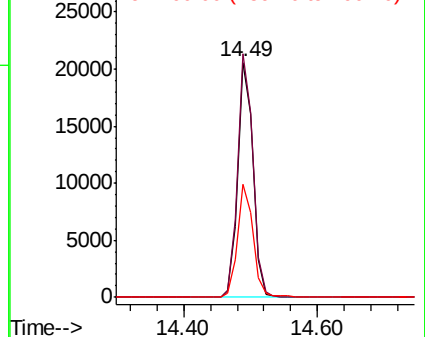
160 48.2 37.2 55.8



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: 0.369 ng

RT: 15.98 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

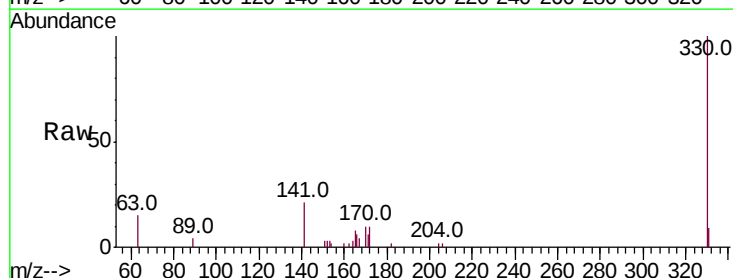
Tgt Ion:330 Resp: 4598

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

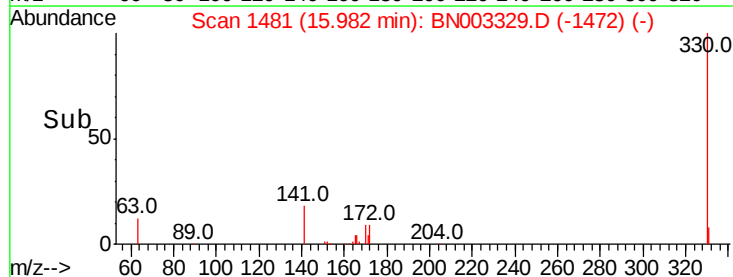
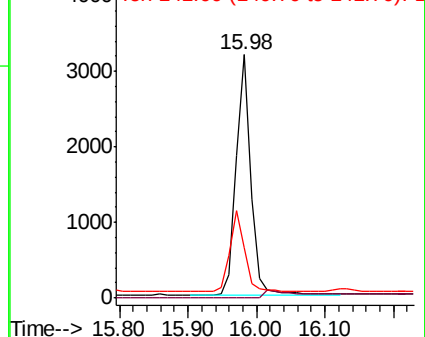
141 33.9 28.3 42.5

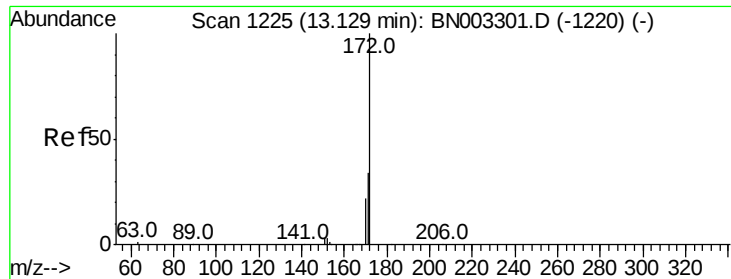


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

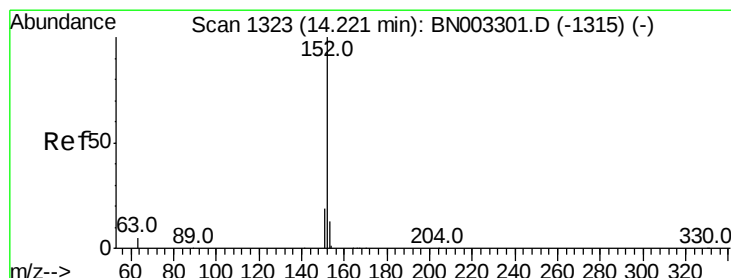
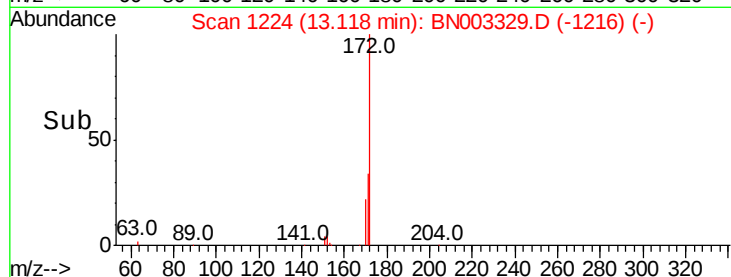
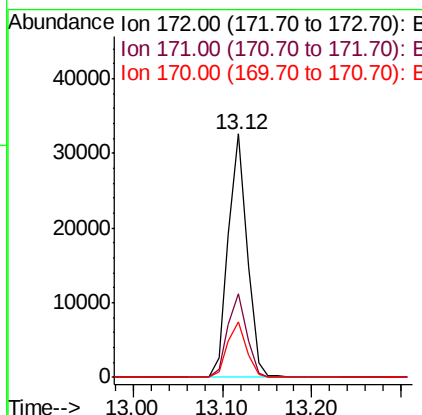
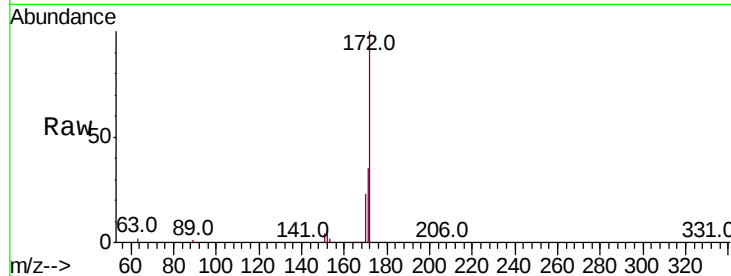




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

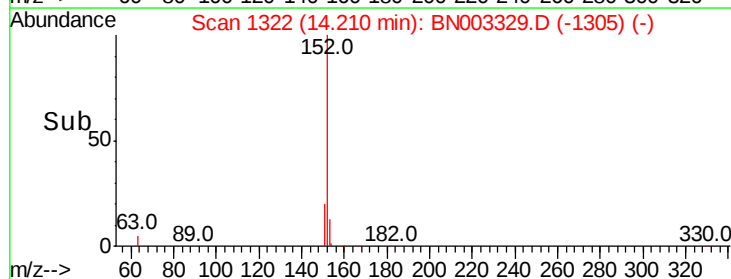
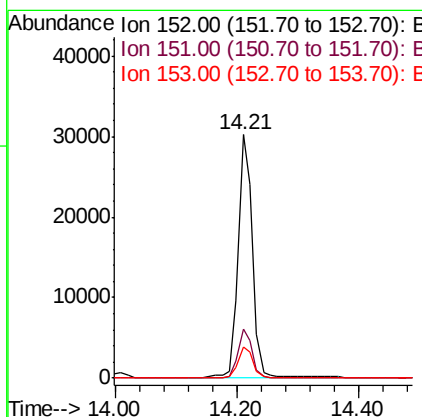
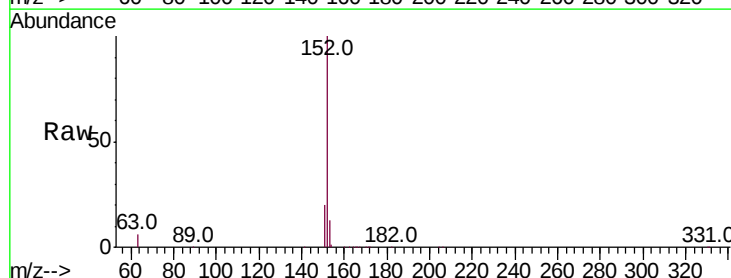
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

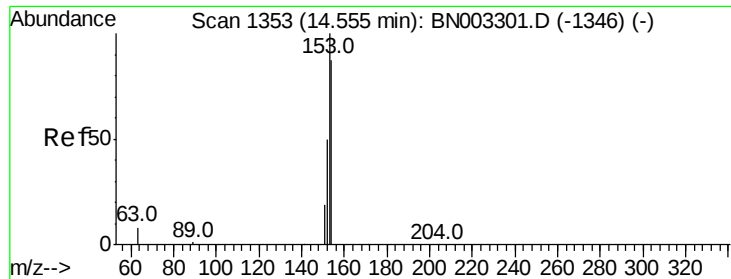
Tot Ion:172 Resp: 47870
Ion Ratio Lower Upper
172 100
171 34.6 27.1 40.7
170 22.6 17.4 26.0



#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:152 Resp: 48598
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.361 ng

RT: 14.56 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

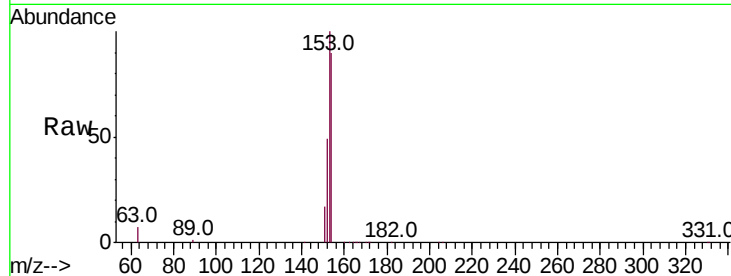
Tot Ion:154 Resp: 34945

Ion Ratio Lower Upper

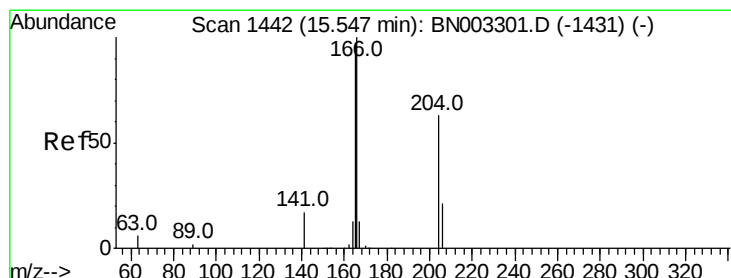
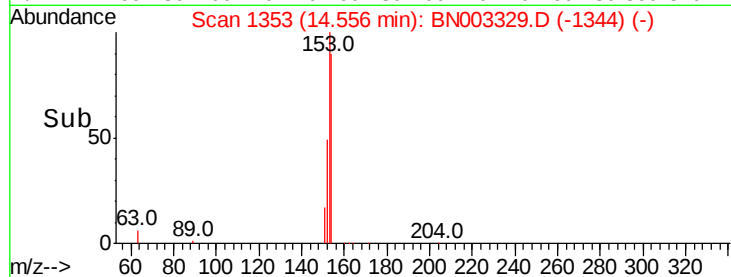
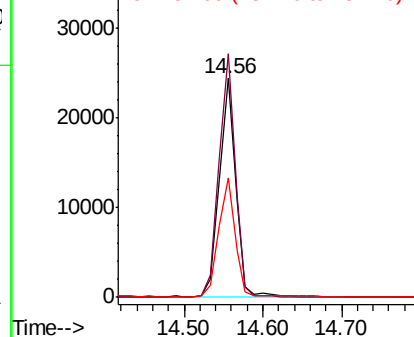
154 100

153 110.4 88.9 133.3

152 54.7 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: 0.350 ng

RT: 15.54 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

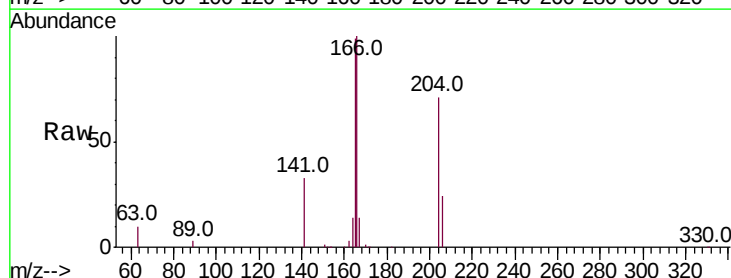
Tgt Ion:166 Resp: 42439

Ion Ratio Lower Upper

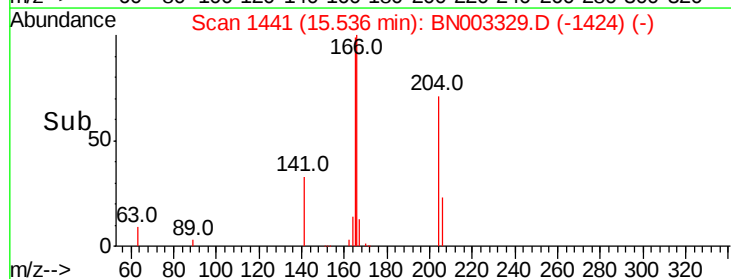
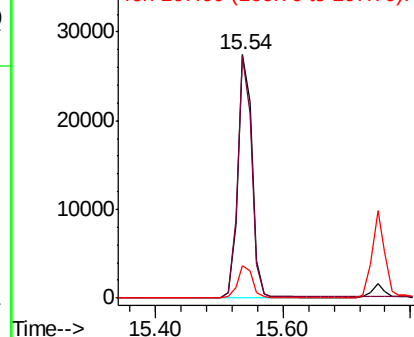
166 100

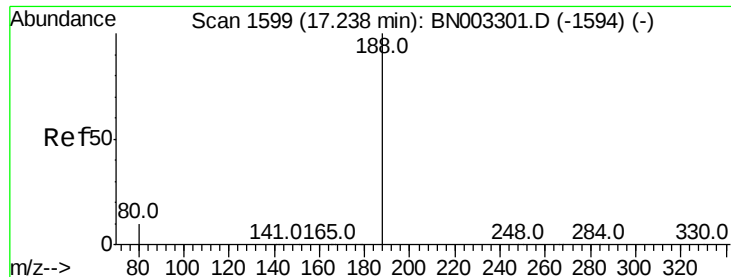
165 97.7 77.8 116.8

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: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

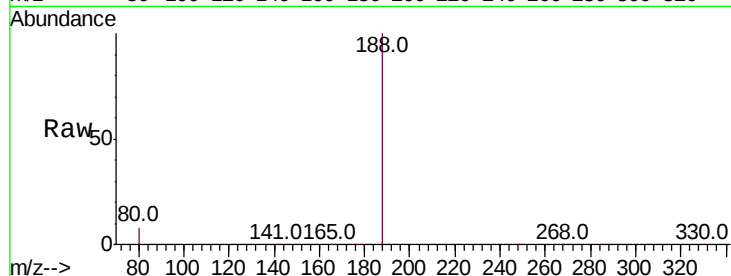
Tot Ion:188 Resp: 76333

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

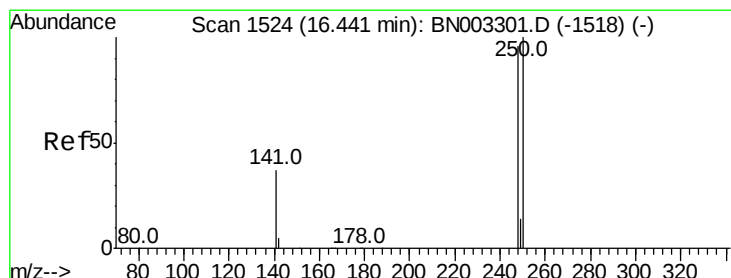
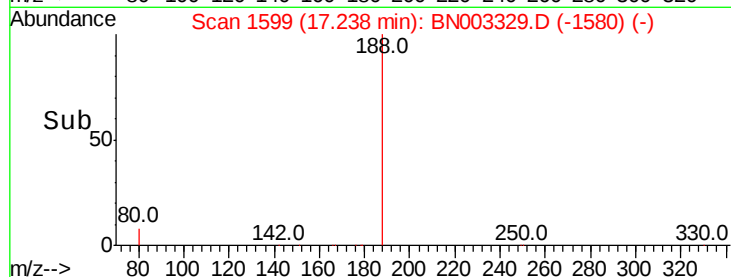
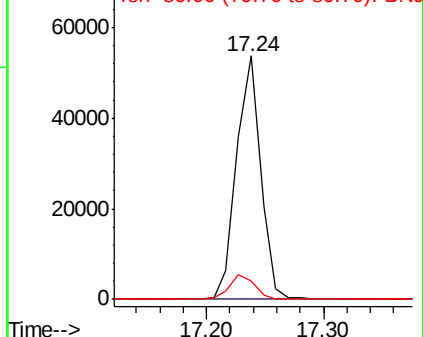
80 7.7 8.6 12.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.357 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

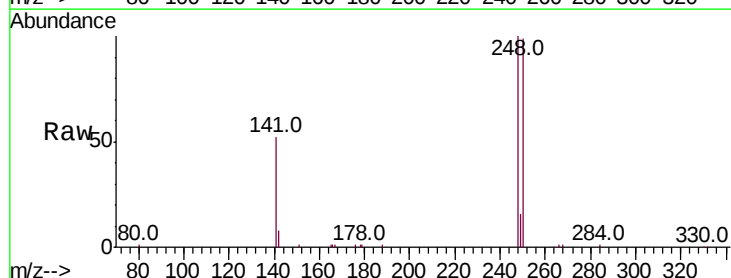
Tgt Ion:248 Resp: 15782

Ion Ratio Lower Upper

248 100

250 98.5 83.7 125.5

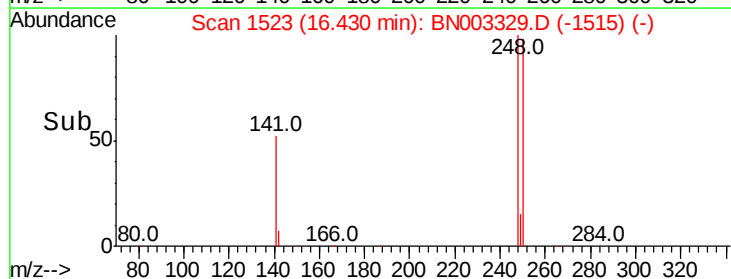
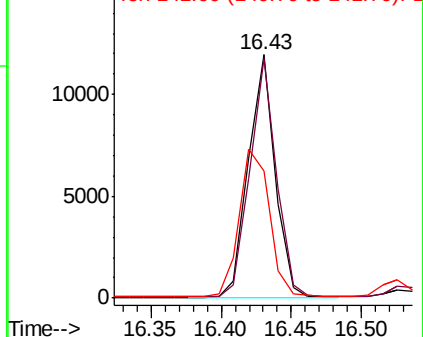
141 52.3 31.4 47.0#

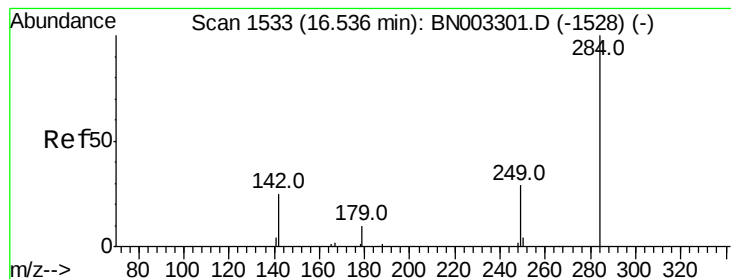


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.365 ng

RT: 16.54 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

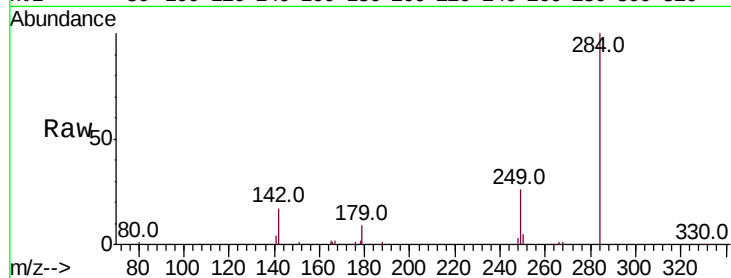
Tot Ion:284 Resp: 16992

Ion Ratio Lower Upper

284 100

142 36.4 29.7 44.5

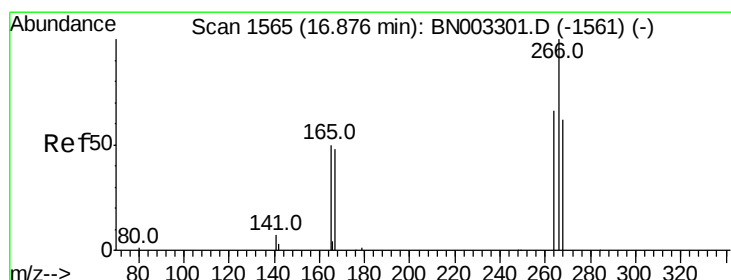
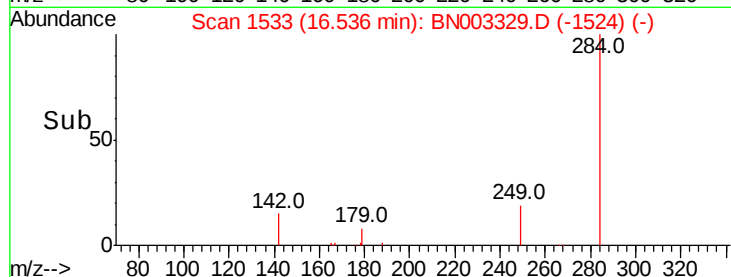
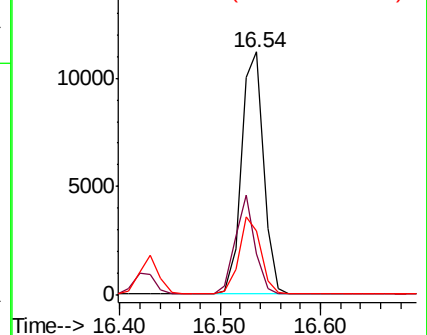
249 30.7 24.0 36.0



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: 0.448 ng

RT: 16.88 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

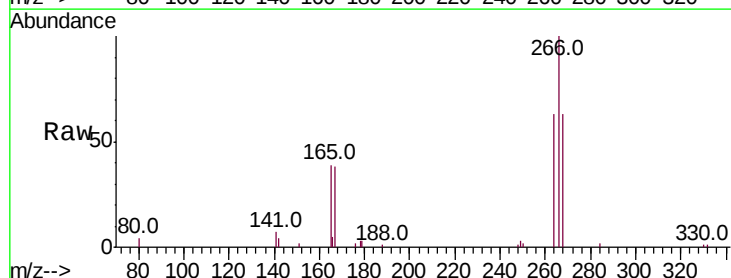
Tgt Ion:266 Resp: 5656

Ion Ratio Lower Upper

266 100

264 62.5 52.1 78.1

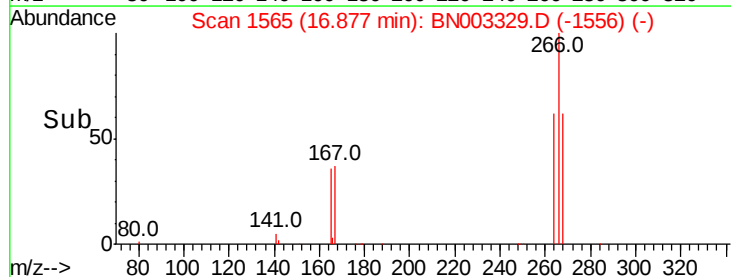
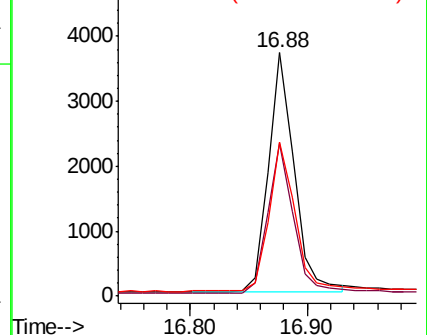
268 63.3 51.8 77.6

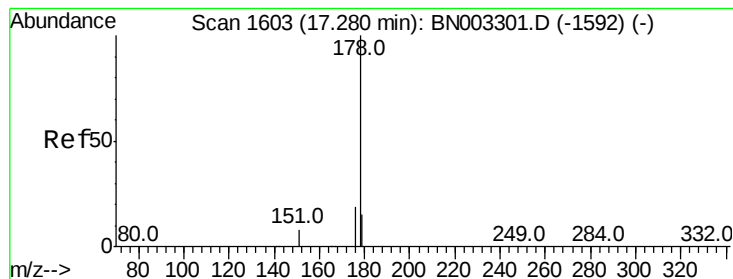


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.358 ng

RT: 17.28 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

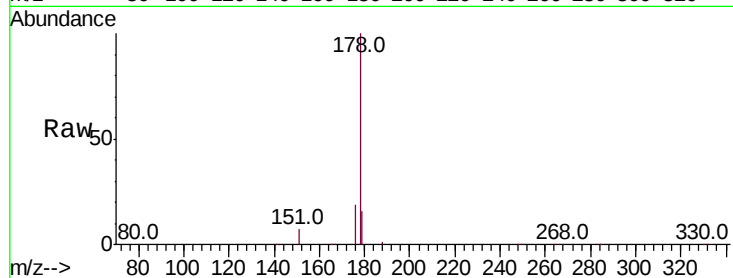
Tot Ion:178 Resp: 74932

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

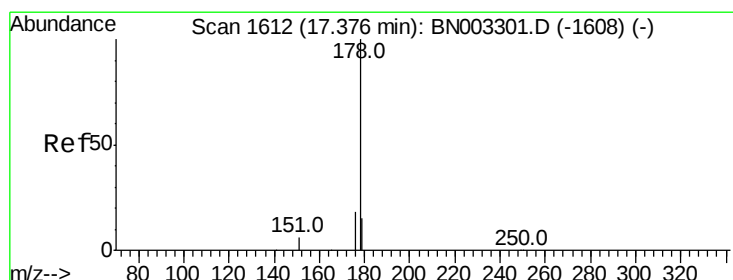
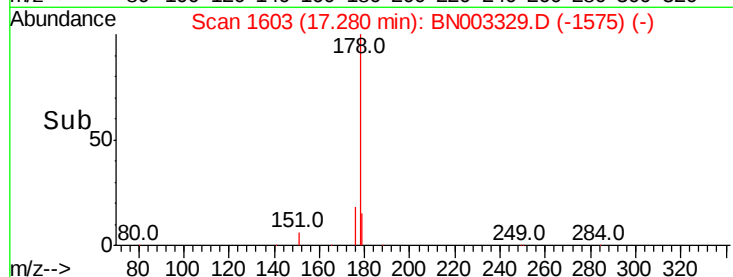
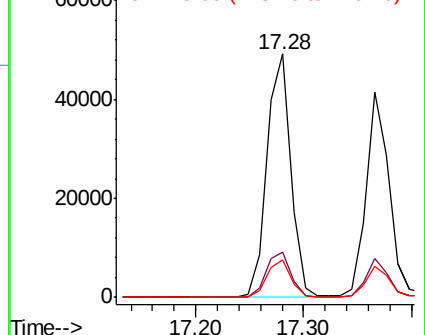
179 15.3 12.4 18.6



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: 0.342 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

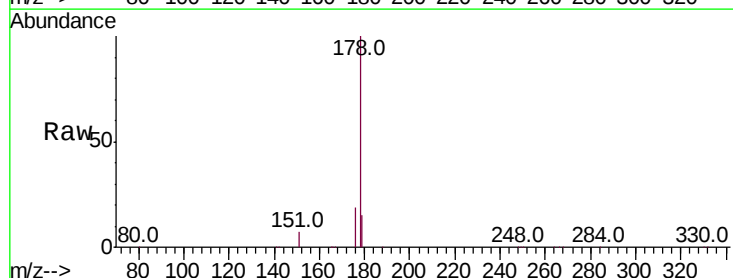
Tgt Ion:178 Resp: 61508

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

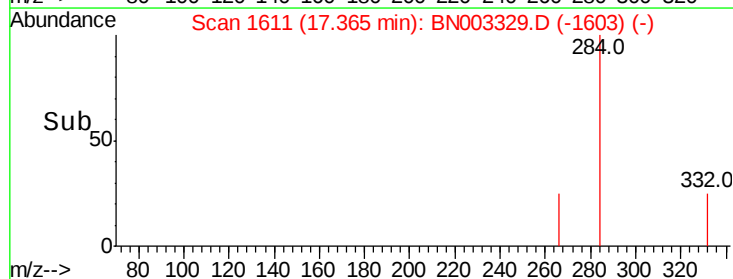
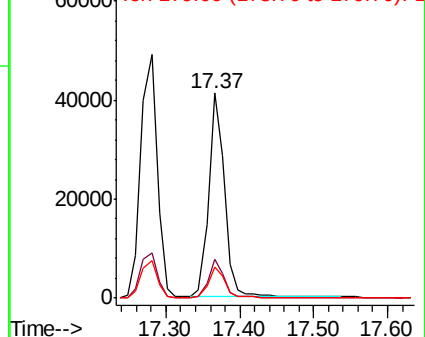
179 15.3 12.2 18.4

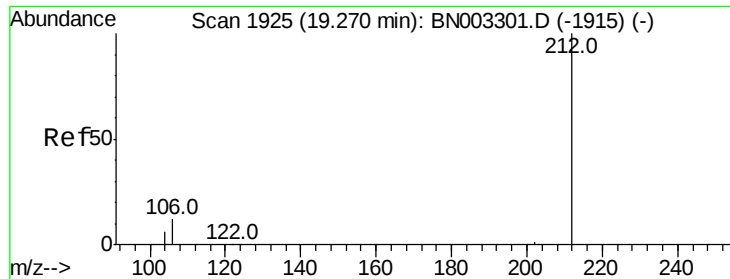


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.356 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

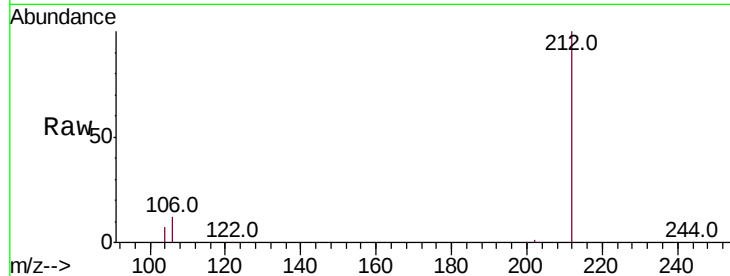
Tot Ion:212 Resp: 78952

Ion Ratio Lower Upper

212 100

106 12.6 10.3 15.5

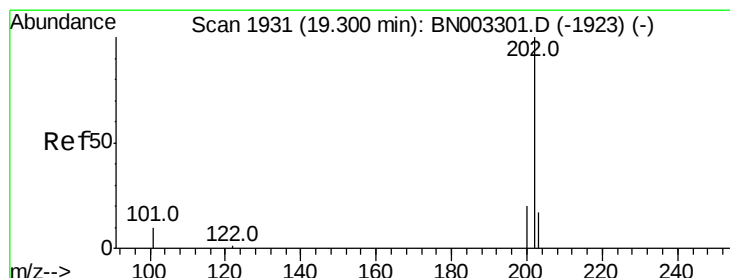
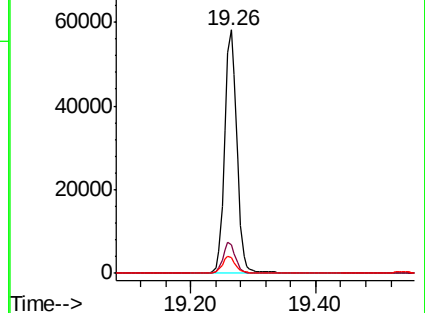
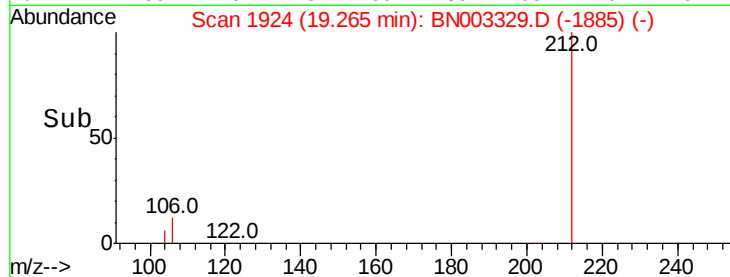
104 7.0 5.6 8.4



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: 0.355 ng

RT: 19.29 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

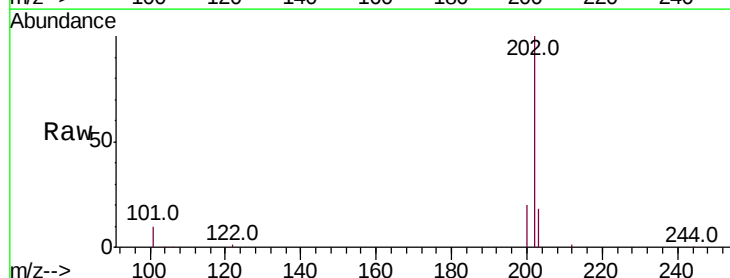
Tgt Ion:202 Resp: 85289

Ion Ratio Lower Upper

202 100

101 11.0 9.0 13.4

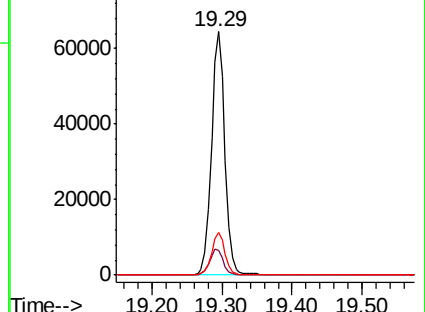
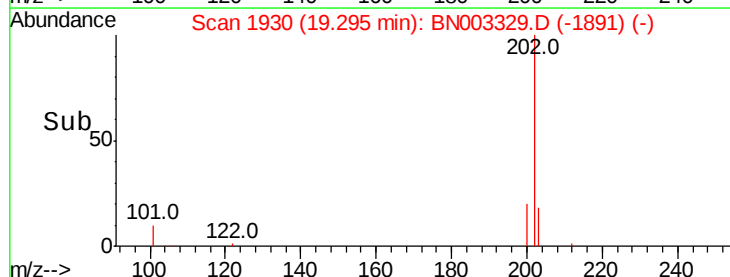
203 17.2 13.8 20.6

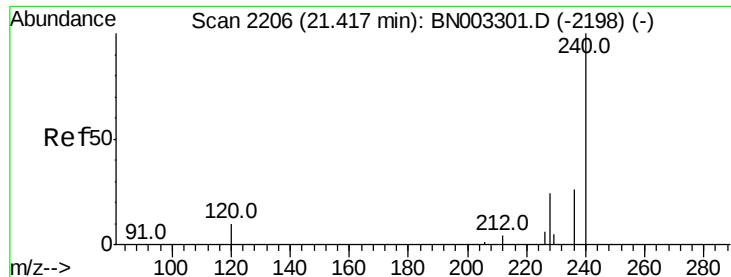


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

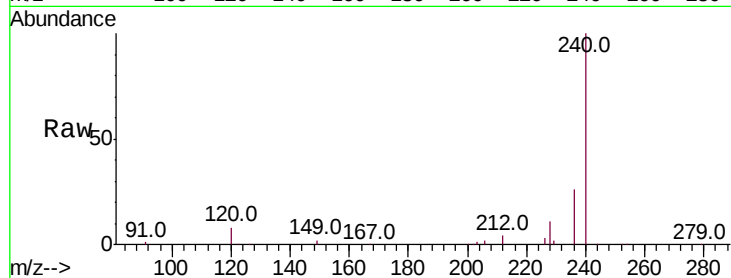
Tot Ion:240 Resp: 88849

Ion Ratio Lower Upper

240 100

120 7.9 9.3 13.9#

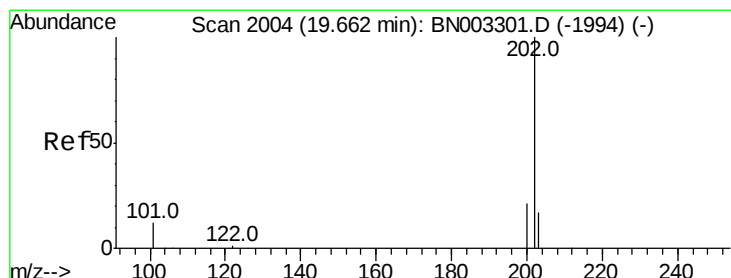
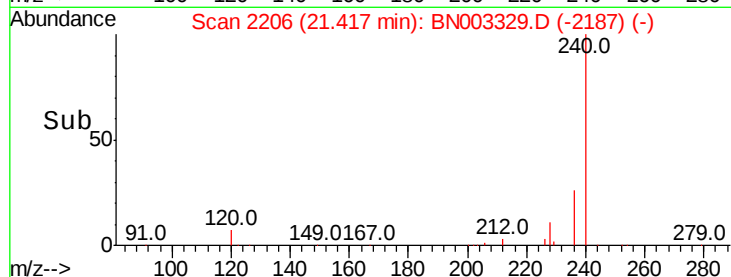
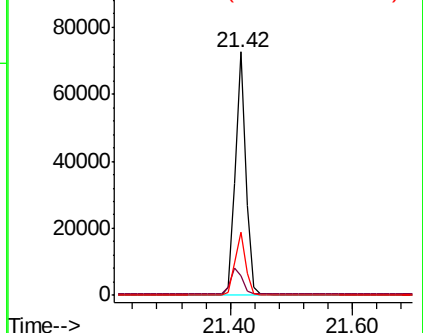
236 25.8 21.0 31.4



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: 0.352 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

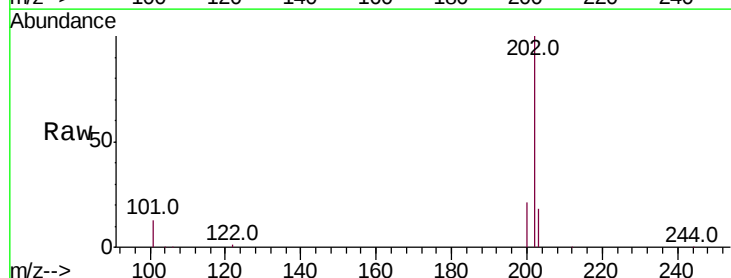
Tgt Ion:202 Resp: 86545

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

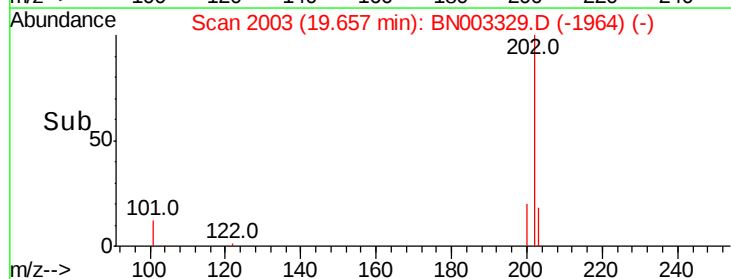
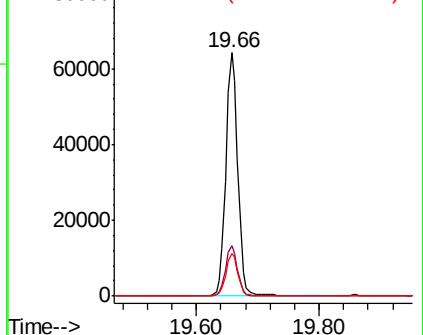
203 17.6 13.9 20.9

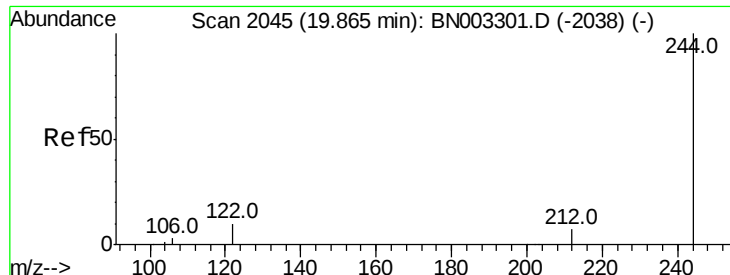


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.341 ng

RT: 19.86 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

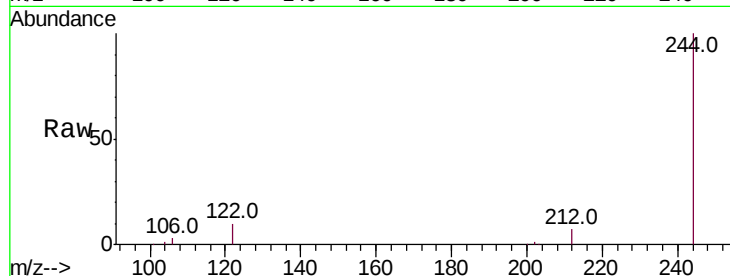
Tot Ion:244 Resp: 70445

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

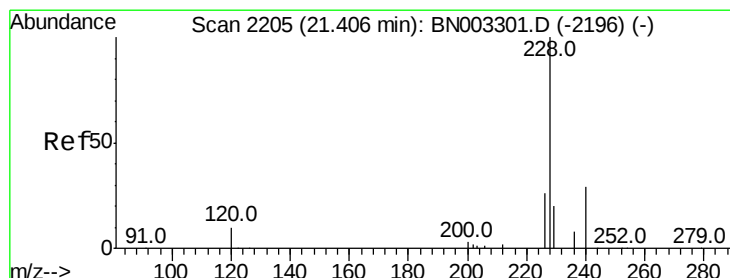
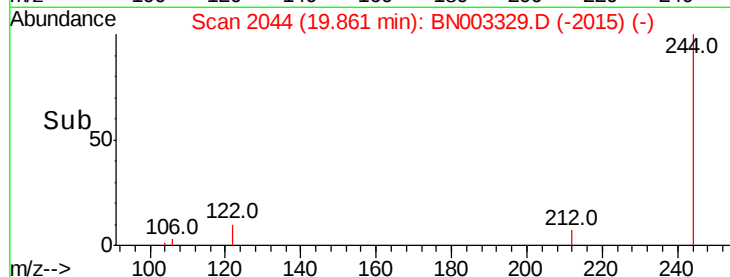
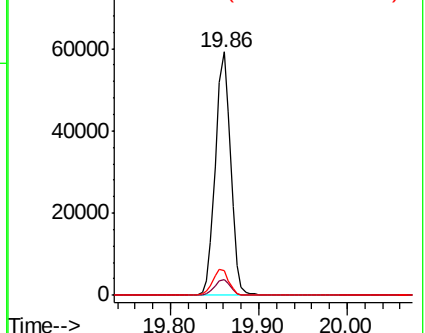
122 10.3 8.5 12.7



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: 0.354 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

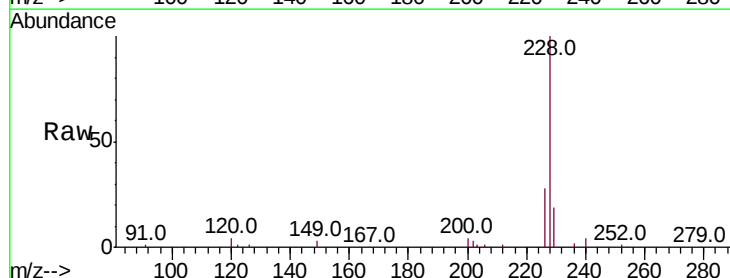
Tgt Ion:228 Resp: 82399

Ion Ratio Lower Upper

228 100

226 27.5 20.8 31.2

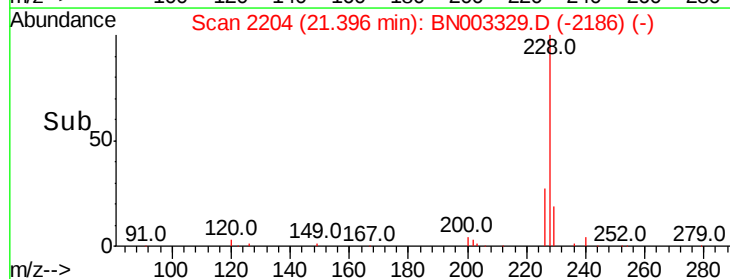
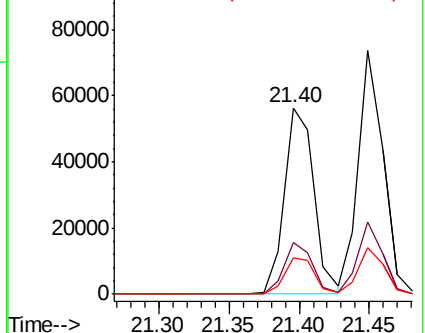
229 19.2 16.1 24.1

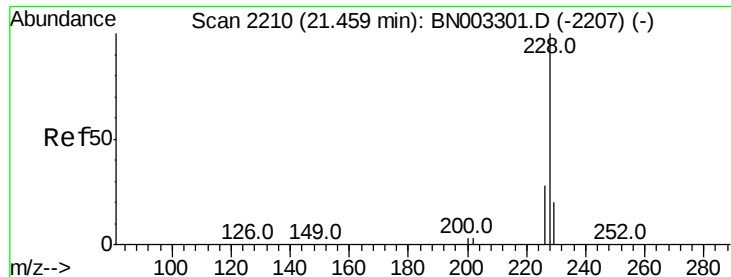


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.362 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

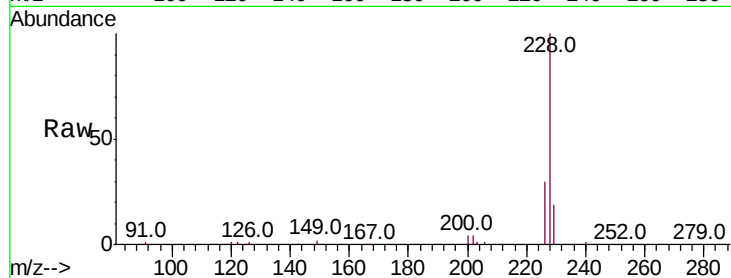
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 90866

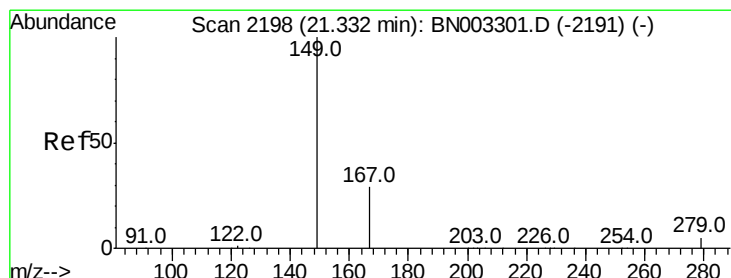
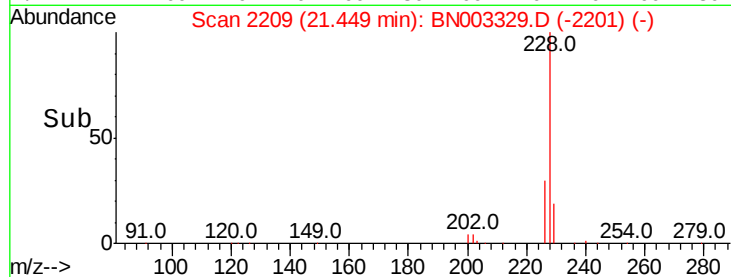
Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	19.0	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

100000 Ion 226.00 (225.70 to 226.70): E

80000 Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.374 ng

RT: 21.32 min Scan# 2197

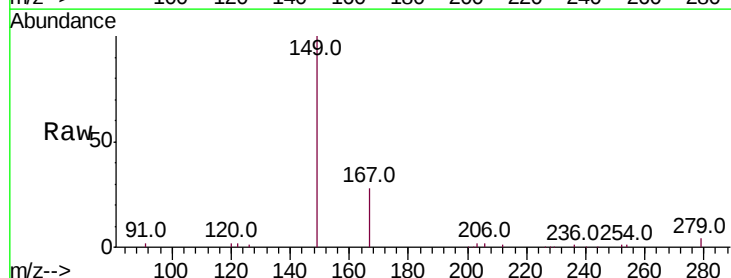
Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Tgt Ion:149 Resp: 25793

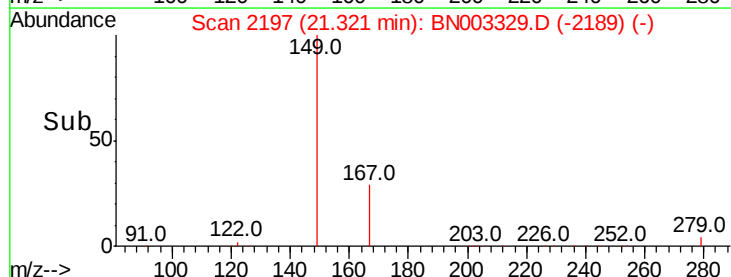
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	5.3	3.9	5.9

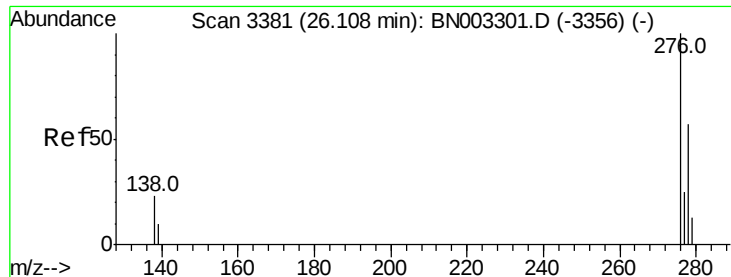


Abundance Ion 149.00 (148.70 to 149.70): E

30000 Ion 167.00 (166.70 to 167.70): E

25000 Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.386 ng

RT: 26.09 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

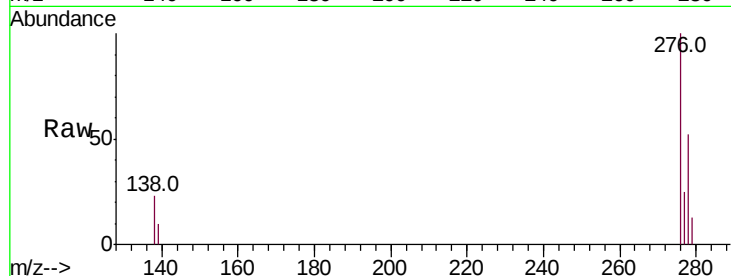
Tot Ion:276 Resp: 100369

Ion Ratio Lower Upper

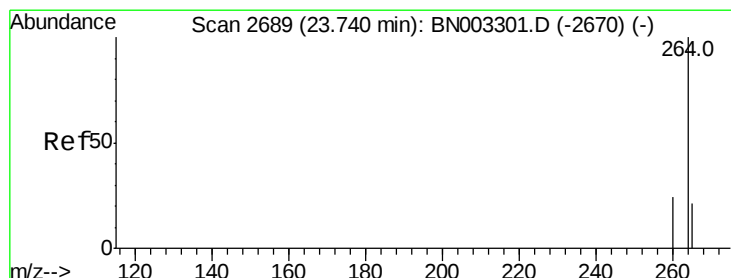
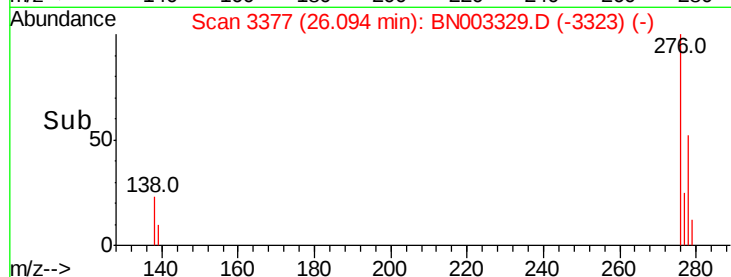
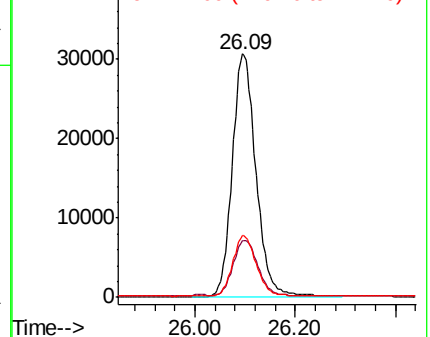
276 100

138 23.9 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: BN003329.D

Acq: 29 Oct 2018 09:58

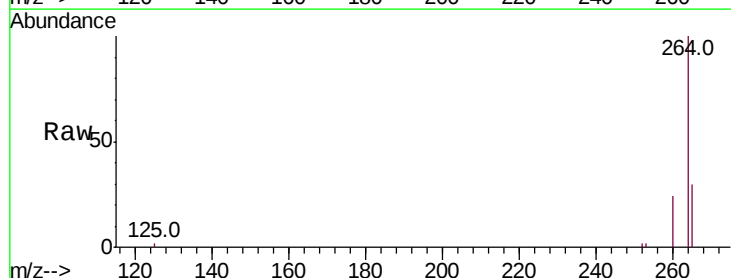
Tgt Ion:264 Resp: 87949

Ion Ratio Lower Upper

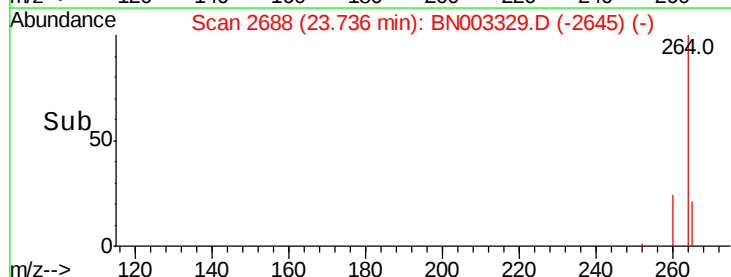
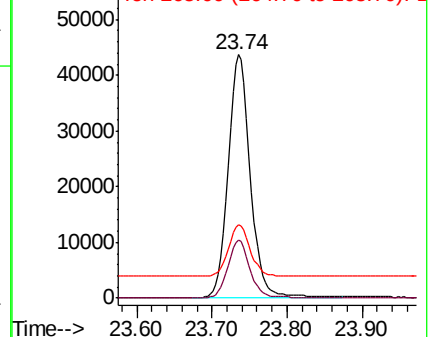
264 100

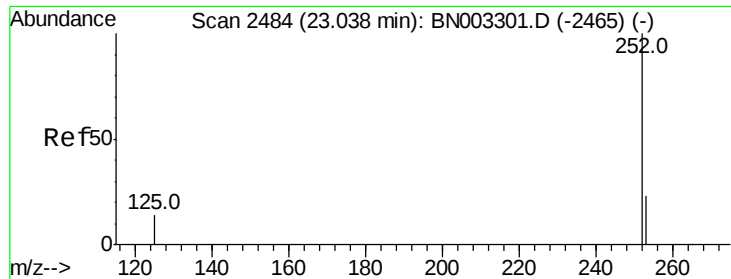
260 23.9 19.1 28.7

265 30.2 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

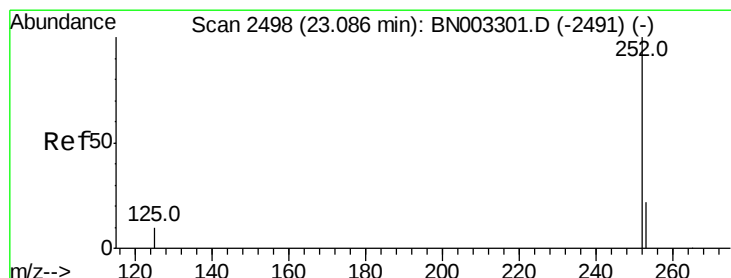
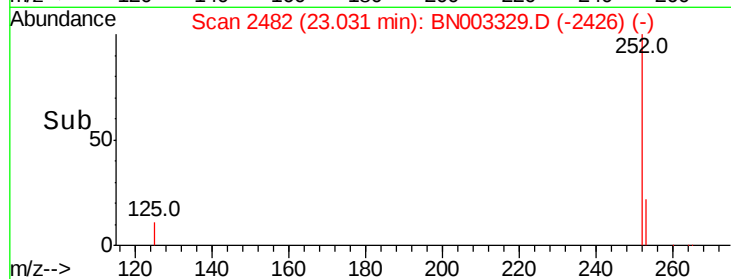
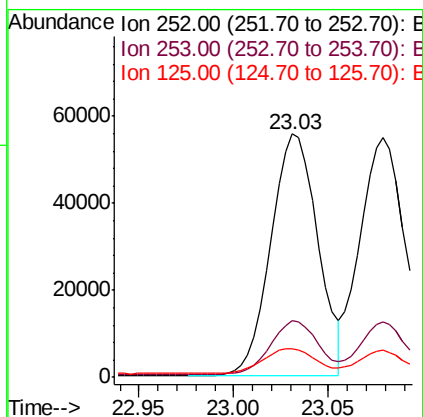
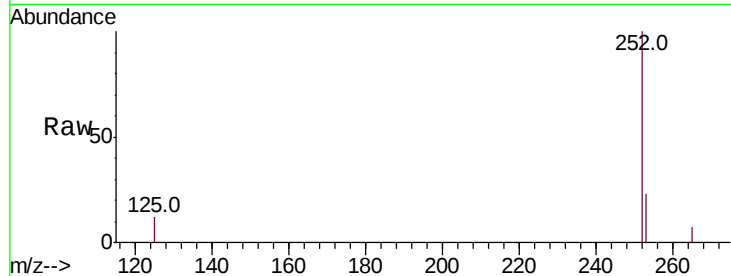




#35
Benzo(b)fluoranthene
Concen: 0.346 ng
RT: 23.03 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

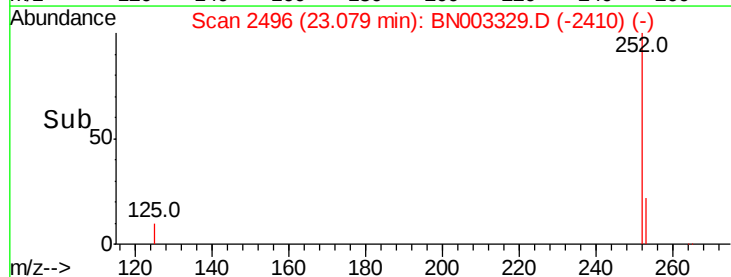
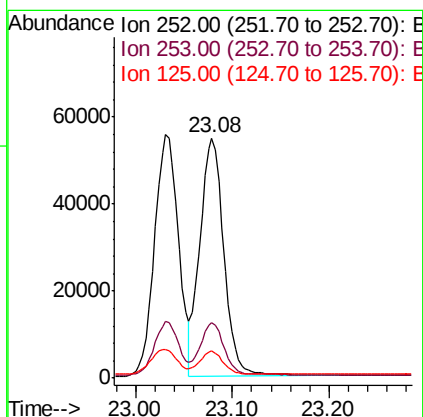
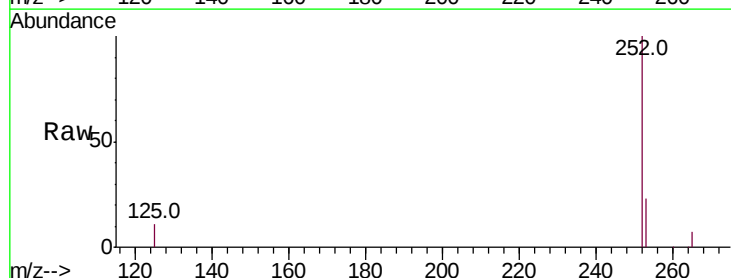
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

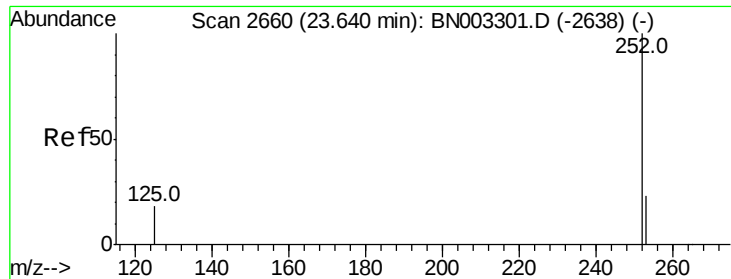
Tot Ion:252 Resp: 94968
Ion Ratio Lower Upper
252 100
253 23.1 19.3 28.9
125 12.0 12.7 19.1#



#36
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.08 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:252 Resp: 93349
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 11.1 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.351 ng

RT: 23.63 min Scan# 2658

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

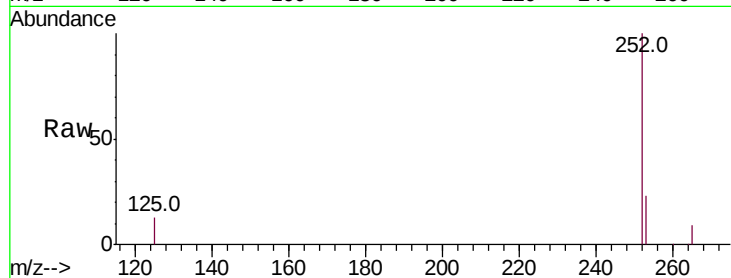
Tot Ion:252 Resp: 87666

Ion Ratio Lower Upper

252 100

253 23.4 20.1 30.1

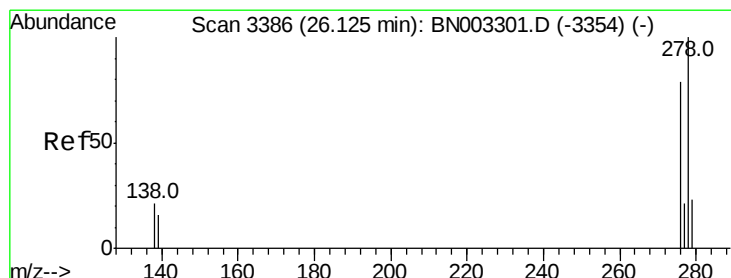
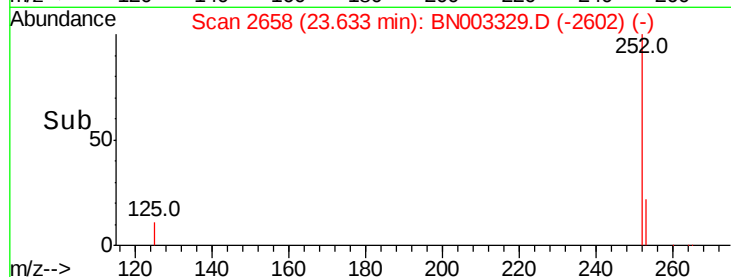
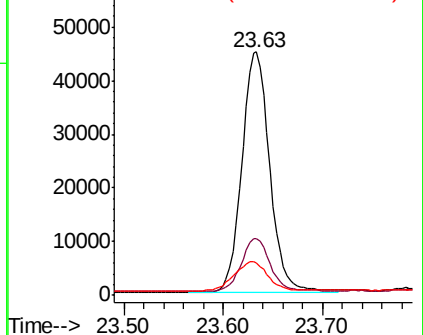
125 13.1 16.0 24.0#



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: 0.353 ng

RT: 26.12 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

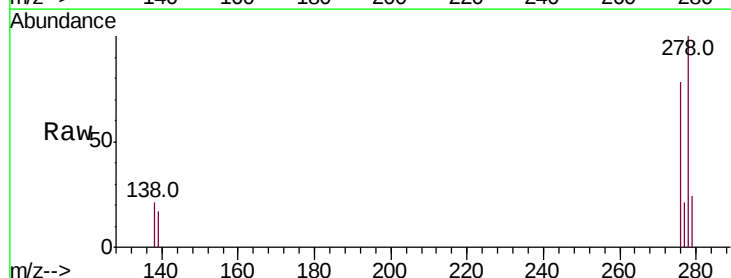
Tgt Ion:278 Resp: 82095

Ion Ratio Lower Upper

278 100

139 16.5 13.5 20.3

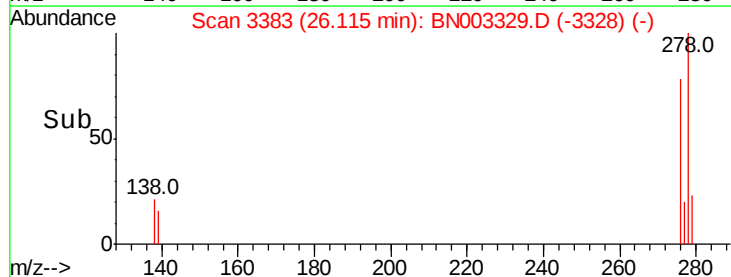
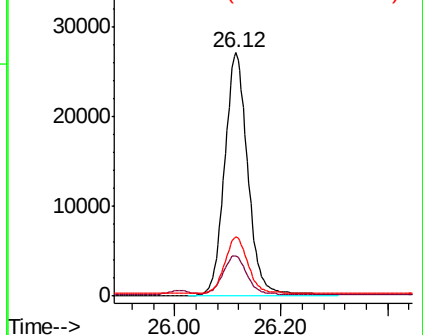
279 24.3 19.8 29.6

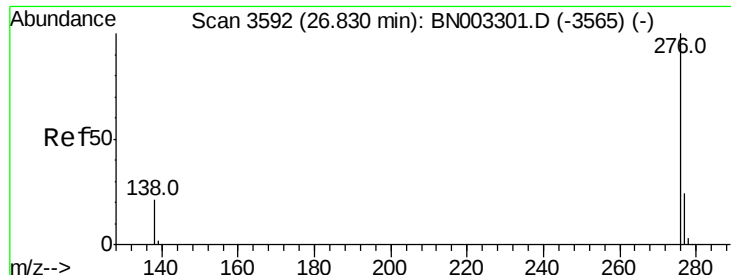


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.362 ng

RT: 26.82 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BN003329.D

Acq: 29 Oct 2018 09:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

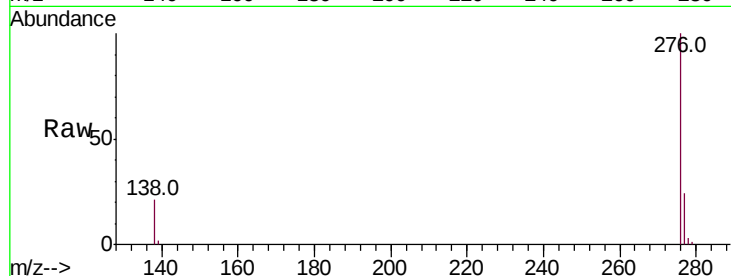
Tot Ion:276 Resp: 84251

Ion Ratio Lower Upper

276 100

277 23.9 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

