

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003318.D
 Acq On : 26 Oct 2018 23:05
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 26 23:45:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 26 15:17:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	12638	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	52270	0.40	ng	-0.01
13) Acenaphthene-d10	14.50	164	30583	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	74630	0.40	ng	0.00
27) Chrysene-d12	21.42	240	84450	0.40	ng	0.00
34) Perylene-d12	23.74	264	76935	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	10886	0.35	ng	0.00
5) Phenol-d6	7.01	99	13497	0.34	ng	0.00
8) Nitrobenzene-d5	9.02	82	9281	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	30932	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	3866	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	47777	0.36	ng	-0.01
25) Fluoranthene-d10	19.26	212	73216	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	68449	0.35	ng	0.00

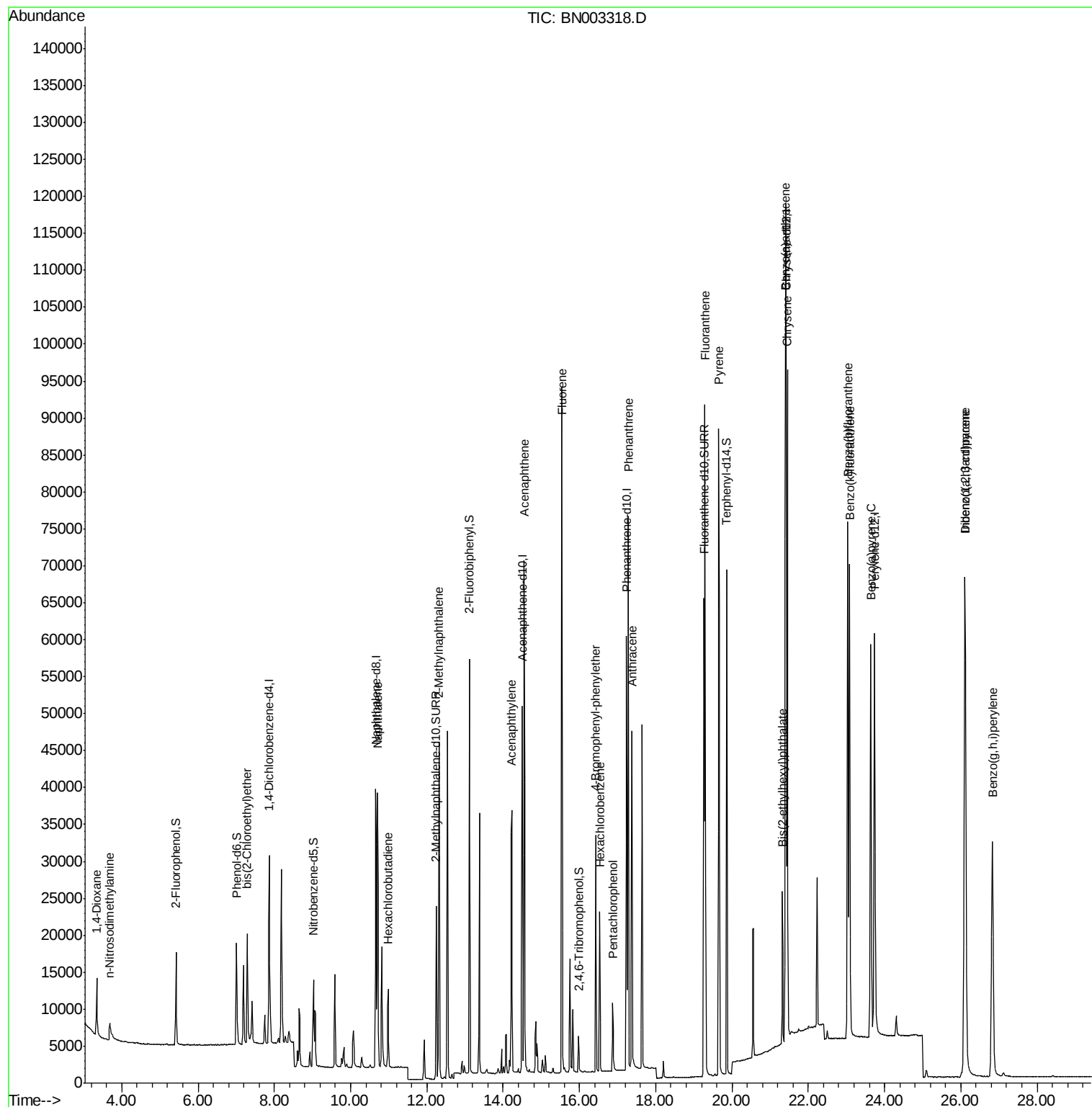
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	5822	0.356	ng	99
3) n-Nitrosodimethylamine	3.68	42	2617	0.347	ng	# 94
6) bis(2-Chloroethyl)ether	7.29	93	13172	0.374	ng	98
9) Naphthalene	10.71	128	47583	0.372	ng	99
10) Hexachlorobutadiene	10.99	225	8867	0.380	ng	# 99
12) 2-Methylnaphthalene	12.32	142	32556	0.364	ng	99
16) Acenaphthylene	14.22	152	44248	0.325	ng	100
17) Acenaphthene	14.56	154	33593	0.356	ng	99
18) Fluorene	15.55	166	42104	0.356	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	15175	0.351	ng	# 81
21) Hexachlorobenzene	16.54	284	17008	0.373	ng	100
22) Pentachlorophenol	16.88	266	4499	0.364	ng	98
23) Phenanthrene	17.28	178	73098	0.357	ng	100
24) Anthracene	17.38	178	56599	0.322	ng	100
26) Fluoranthene	19.29	202	80459	0.342	ng	100
28) Pyrene	19.66	202	81226	0.348	ng	100
30) Benzo(a)anthracene	21.41	228	70912	0.320	ng	100
31) Chrysene	21.46	228	86835	0.364	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	18506	0.283	ng	100
33) Indeno(1,2,3-cd)pyrene	26.10	276	88042	0.356	ng	98
35) Benzo(b)fluoranthene	23.03	252	86747	0.366	ng	96
36) Benzo(k)fluoranthene	23.08	252	86052	0.362	ng	99
37) Benzo(a)pyrene	23.64	252	77805	0.356	ng	# 93
38) Dibenzo(a,h)anthracene	26.12	278	71797	0.353	ng	99
39) Benzo(g,h,i)perylene	26.83	276	72363	0.355	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: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

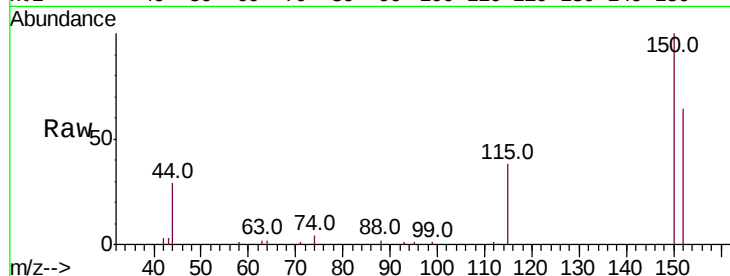
Tot Ion:152 Resp: 12638

Ion Ratio Lower Upper

152 100

150 157.3 124.6 187.0

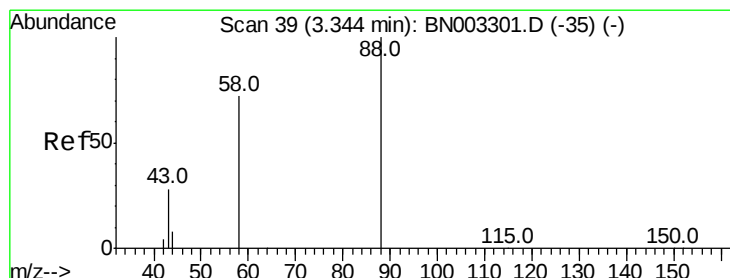
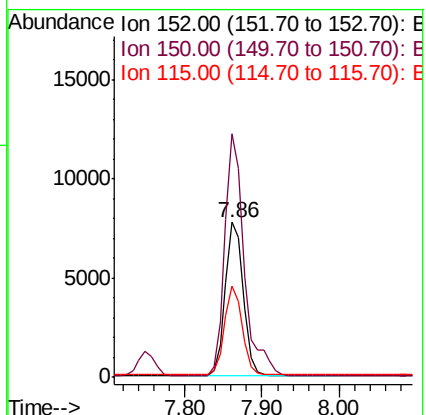
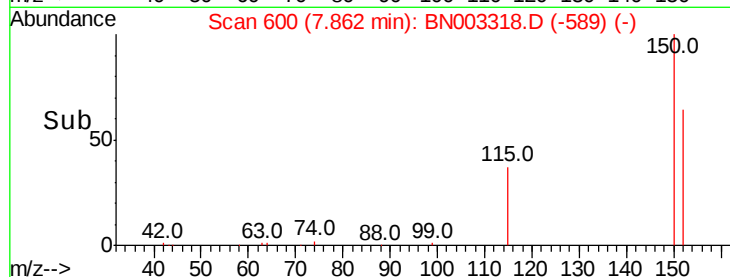
115 59.3 46.4 69.6



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: 0.356 ng

RT: 3.34 min Scan# 39

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

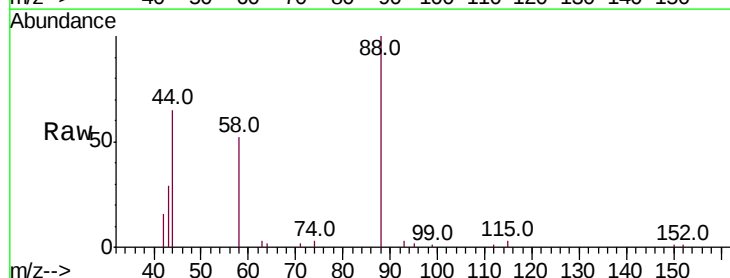
Tgt Ion: 88 Resp: 5822

Ion Ratio Lower Upper

88 100

58 76.4 60.9 91.3

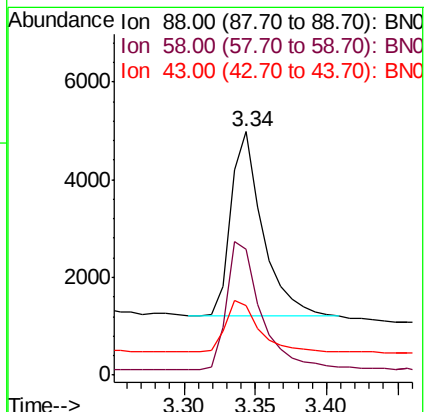
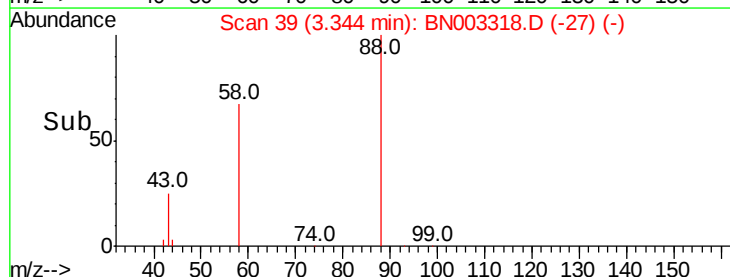
43 29.2 23.9 35.9



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.347 ng

RT: 3.68 min Scan# 81

Delta R.T. -0.01 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

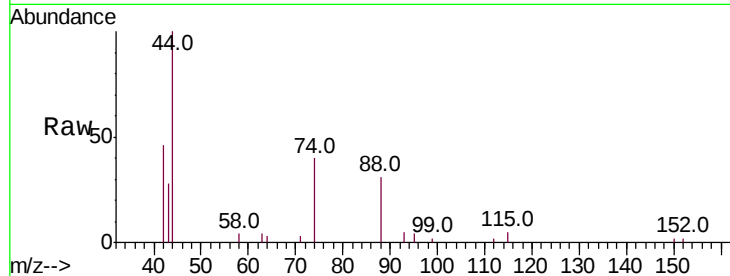
Tot Ion: 42 Resp: 2617

Ion Ratio Lower Upper

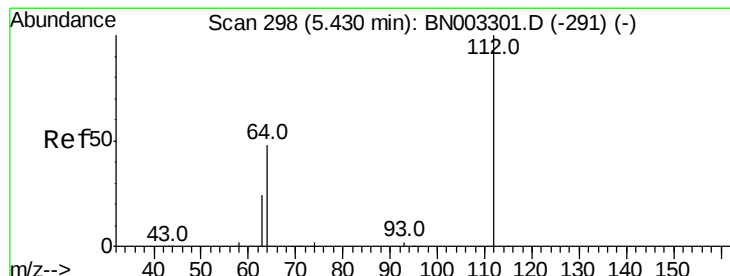
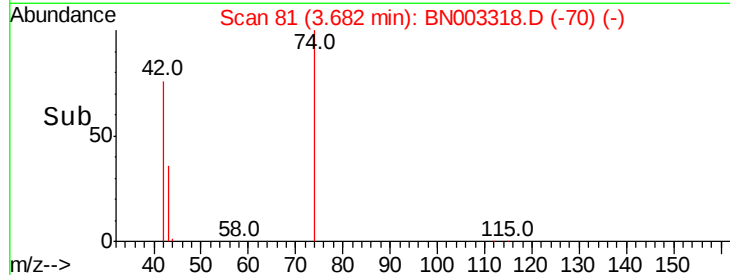
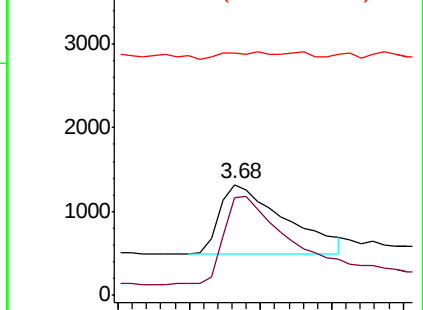
42 100

74 130.6 99.1 148.7

44 7.4 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: 0.348 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

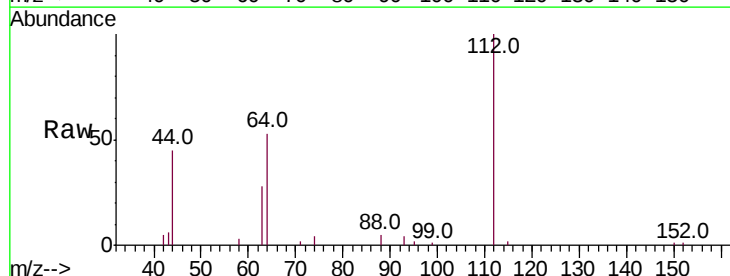
Tgt Ion: 112 Resp: 10886

Ion Ratio Lower Upper

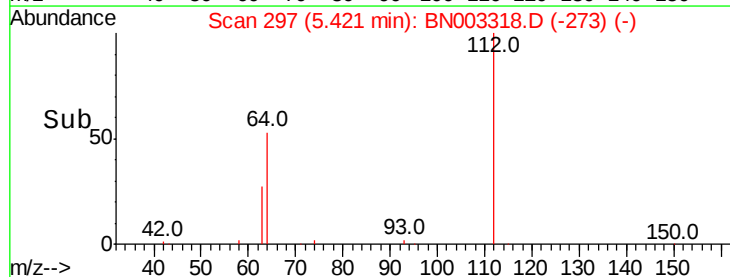
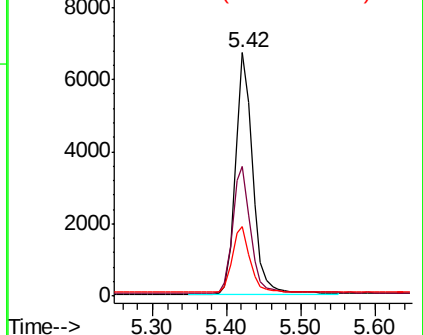
112 100

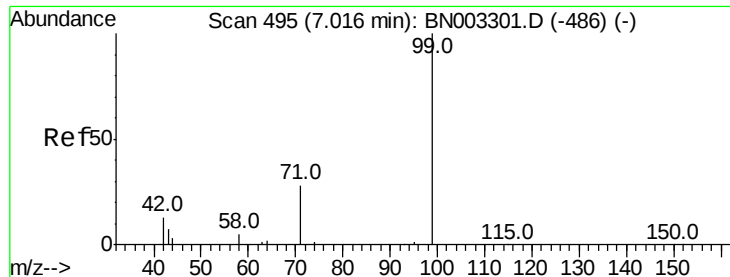
64 53.9 44.3 66.5

63 28.4 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: 0.342 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

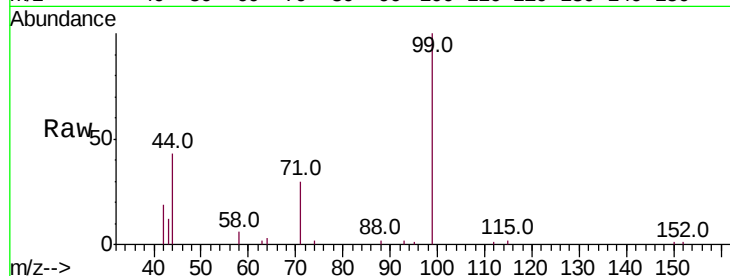
Tot Ion: 99 Resp: 13497

Ion Ratio Lower Upper

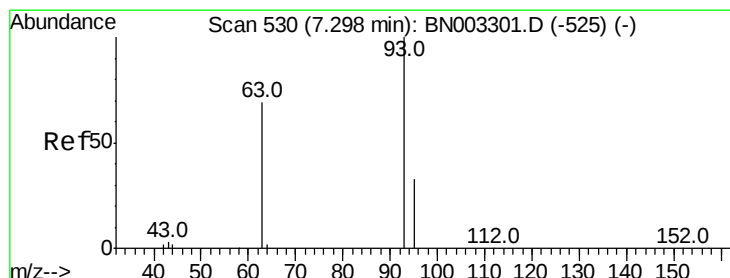
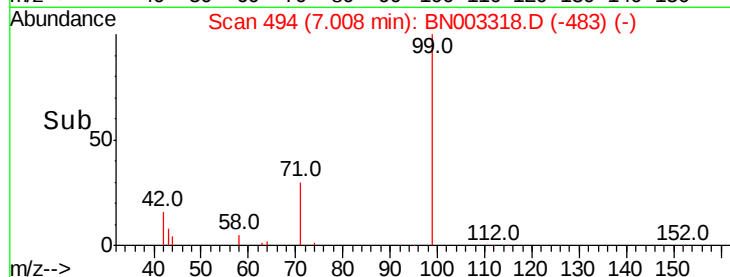
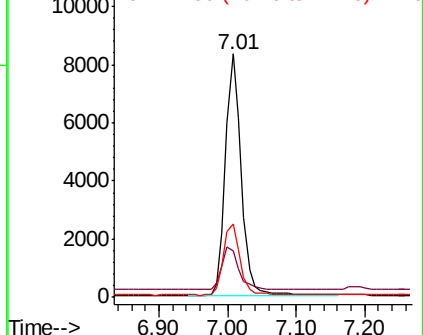
99 100

42 18.8 14.8 22.2

71 30.8 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: 0.374 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

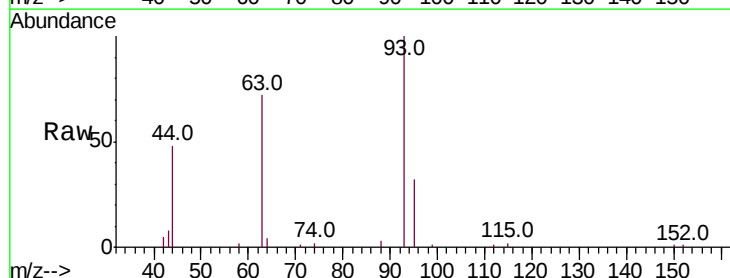
Tgt Ion: 93 Resp: 13172

Ion Ratio Lower Upper

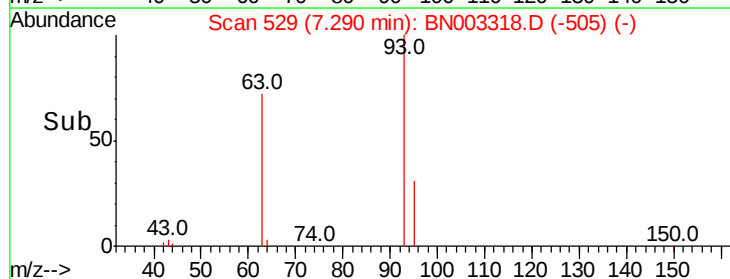
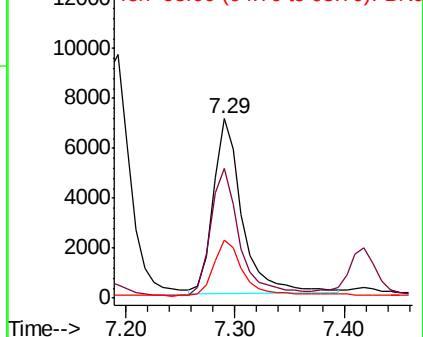
93 100

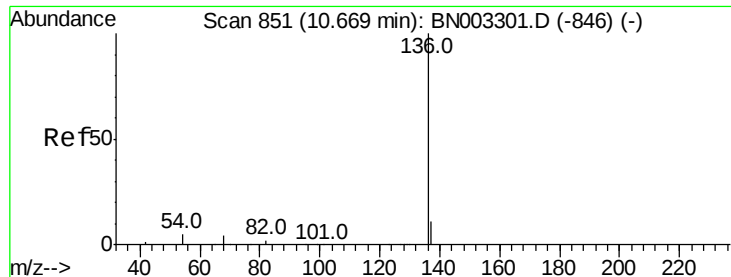
63 71.5 55.8 83.6

95 32.1 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: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 52270

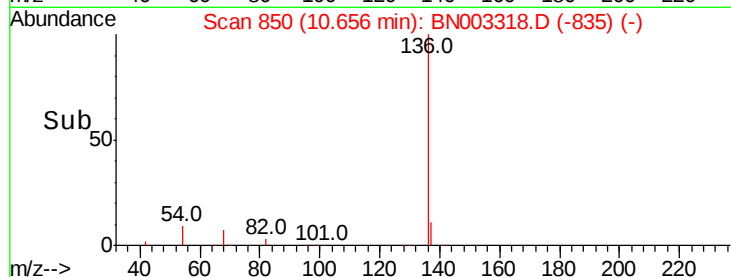
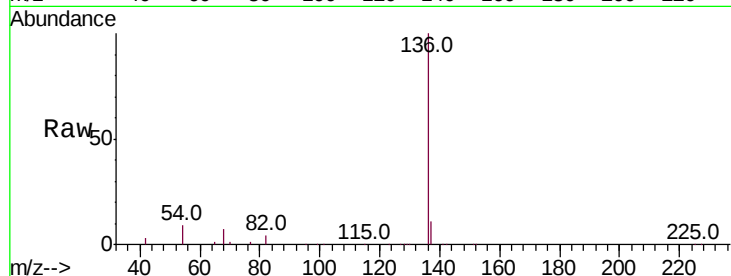
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 9.0 4.1 6.1#

68 7.1 3.5 5.3#

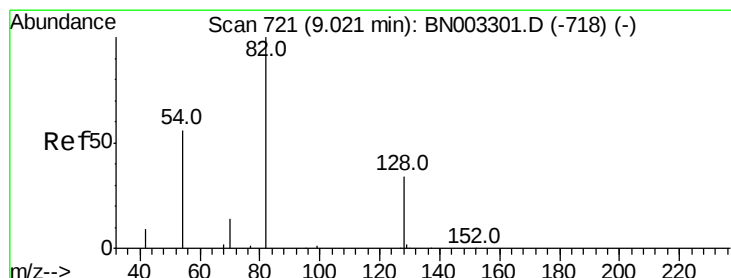
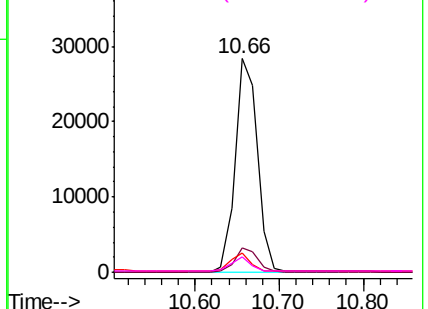


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.405 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

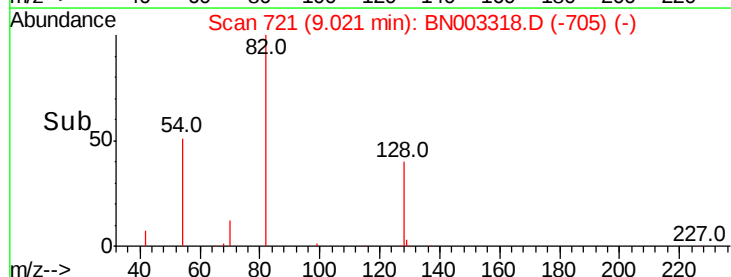
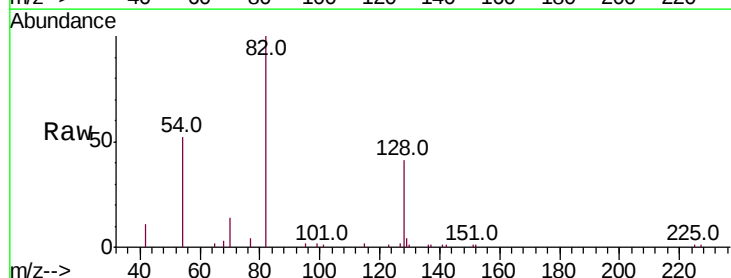
Tgt Ion: 82 Resp: 9281

Ion Ratio Lower Upper

82 100

128 40.9 28.9 43.3

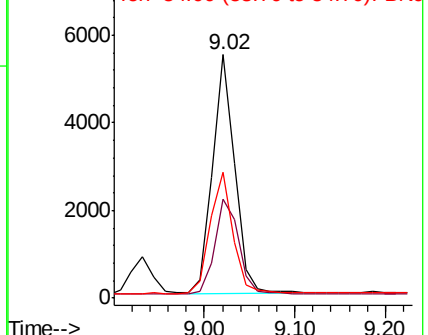
54 51.9 46.1 69.1

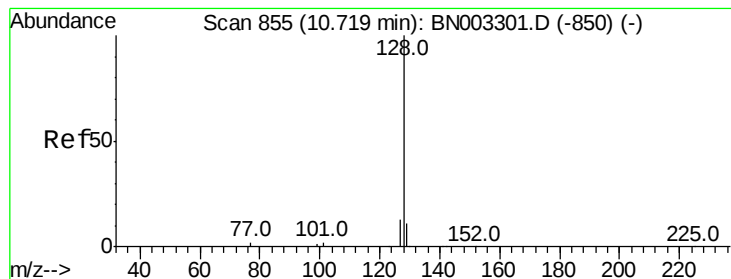


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.372 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

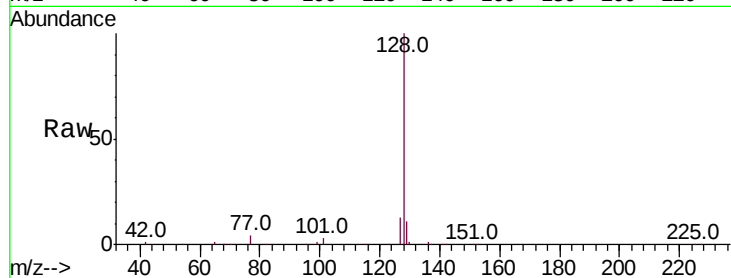
Tot Ion:128 Resp: 47583

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

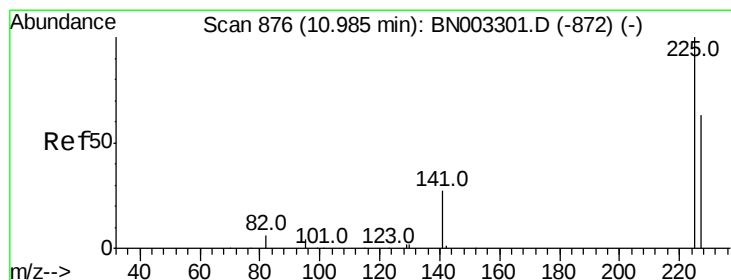
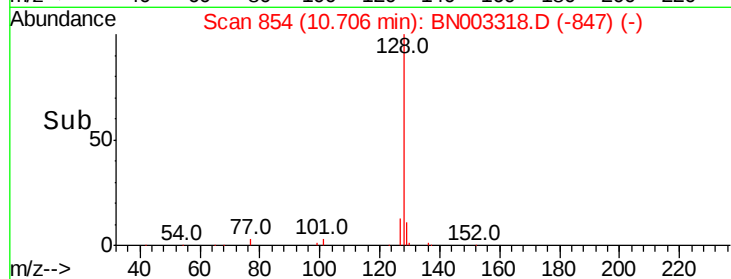
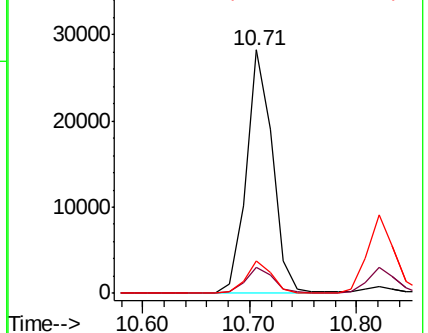
127 13.1 10.2 15.4



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: 0.380 ng

RT: 10.99 min Scan# 876

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

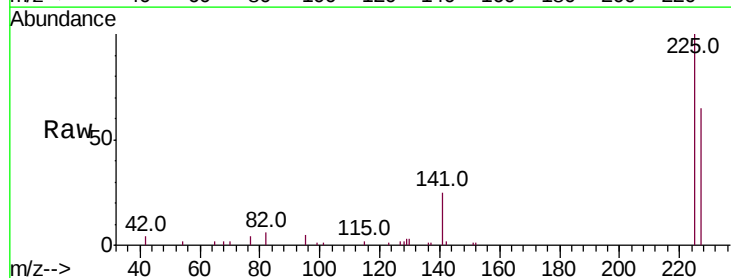
Tgt Ion:225 Resp: 8867

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

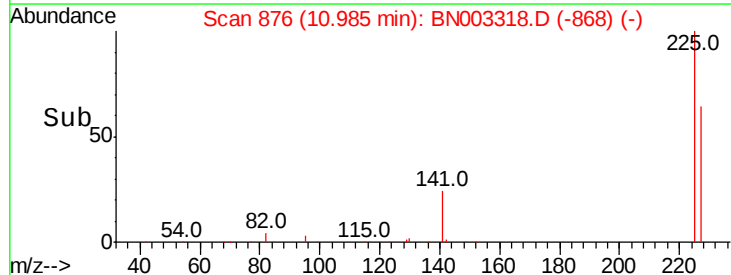
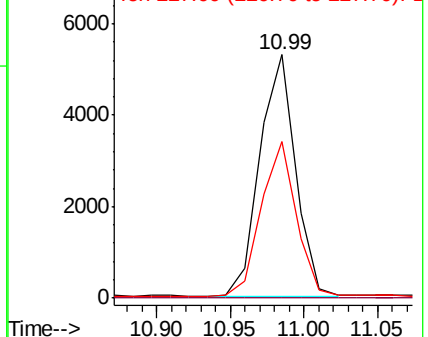
227 63.0 51.3 76.9

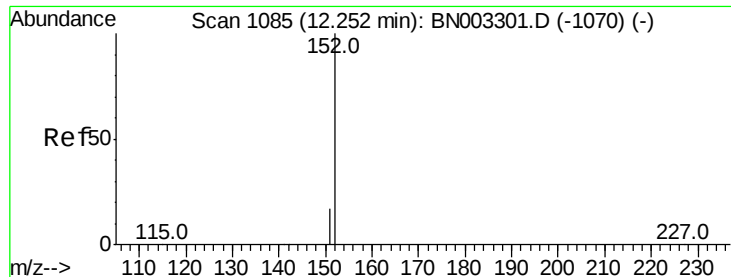


Abundance Ion 225.00 (224.70 to 225.70): E

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: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

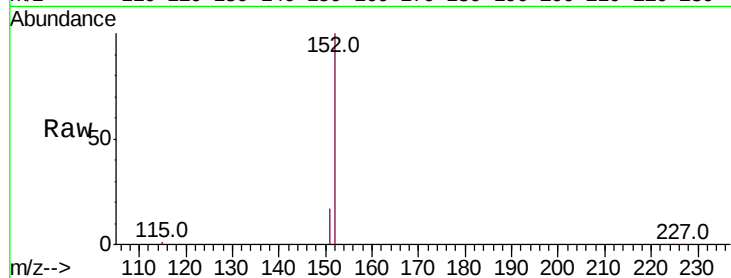
SSTDCCC0.4

Tot Ion:152 Resp: 30932

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

12.25

20000

15000

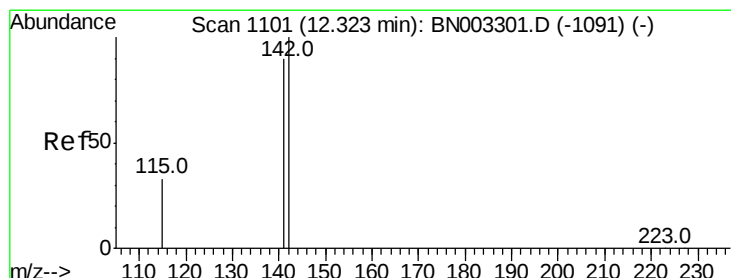
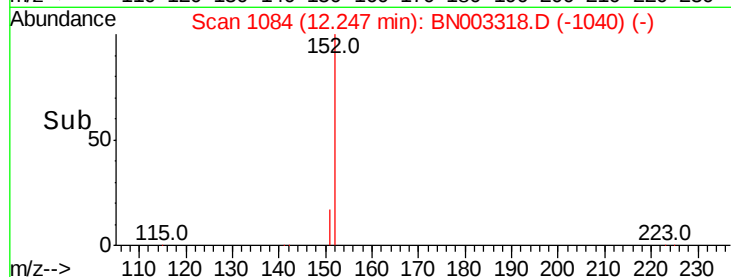
10000

5000

0

12.20 12.30

Time-->



#12

2-Methylnaphthalene

Concen: 0.364 ng

RT: 12.32 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

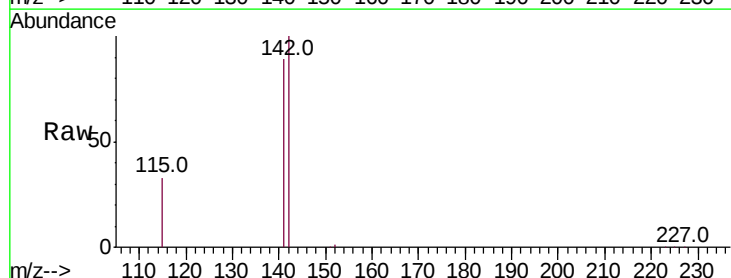
Tgt Ion:142 Resp: 32556

Ion Ratio Lower Upper

142 100

141 89.0 71.9 107.9

115 33.1 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

12.32

25000

20000

15000

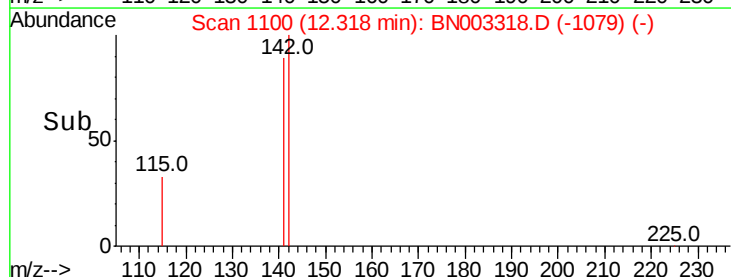
10000

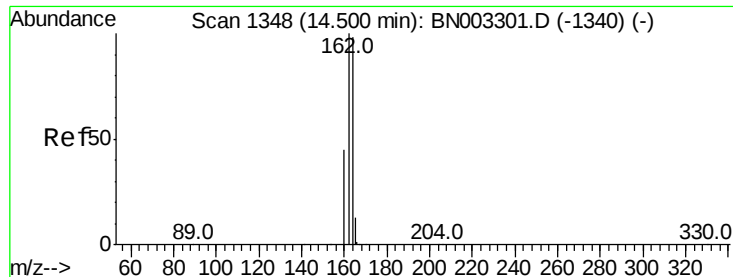
5000

0

12.20 12.30 12.40

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

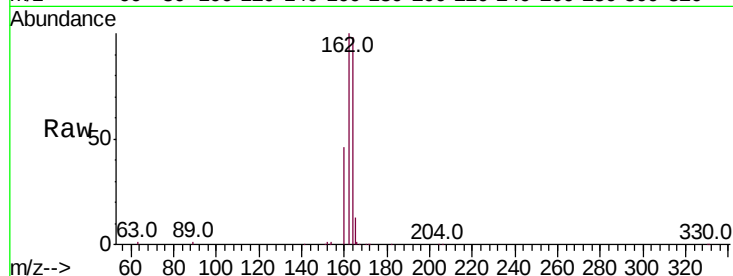
Tot Ion:164 Resp: 30583

Ion Ratio Lower Upper

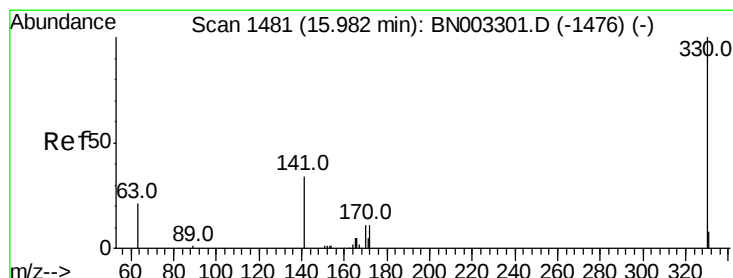
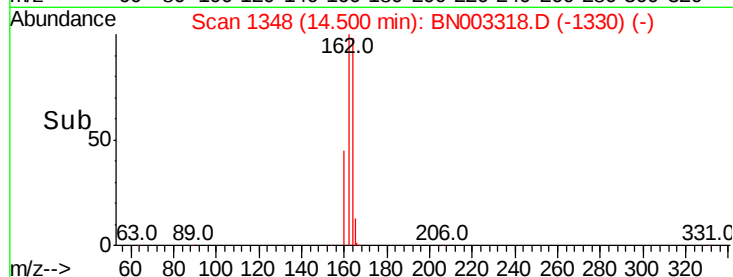
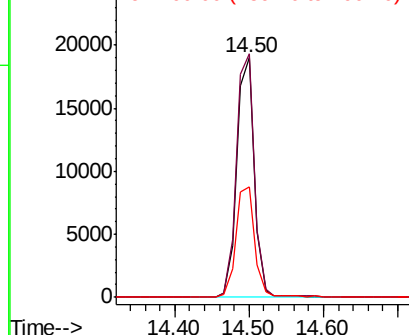
164 100

162 101.6 81.8 122.6

160 46.3 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: 0.318 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

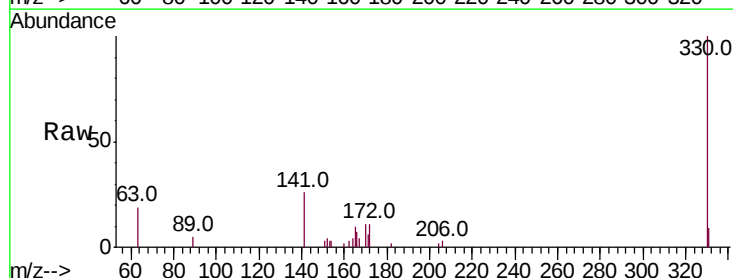
Tgt Ion:330 Resp: 3866

Ion Ratio Lower Upper

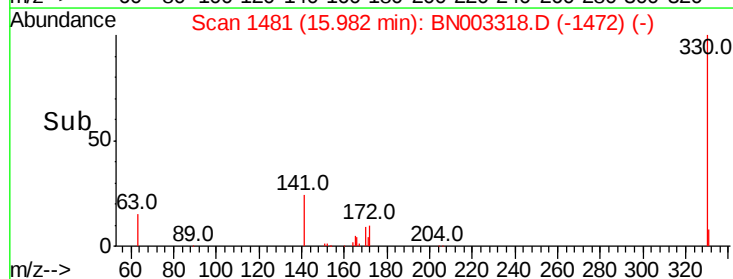
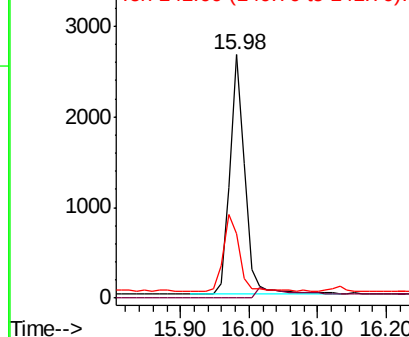
330 100

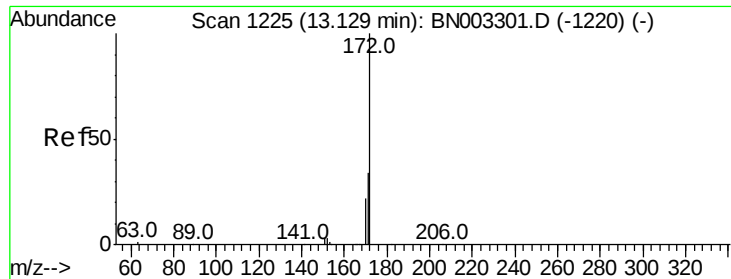
332 0.0 0.0 0.0

141 34.6 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

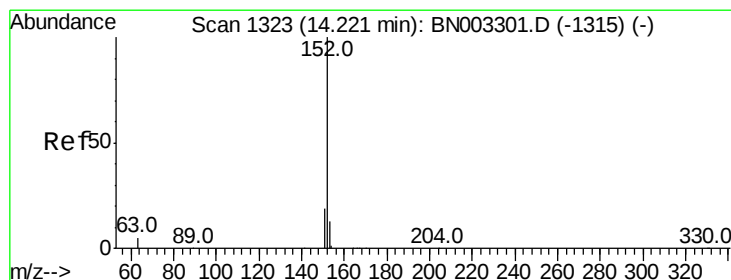
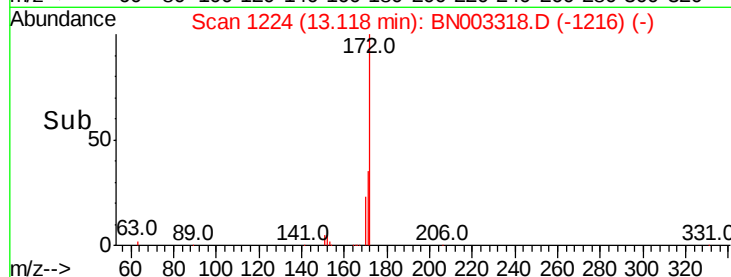
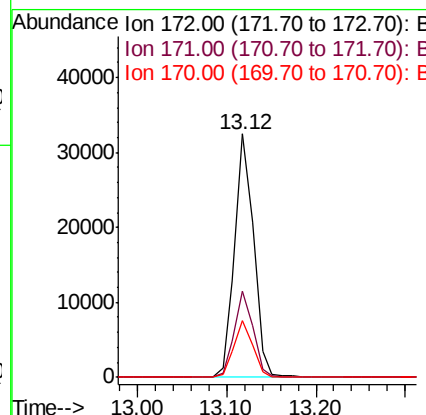
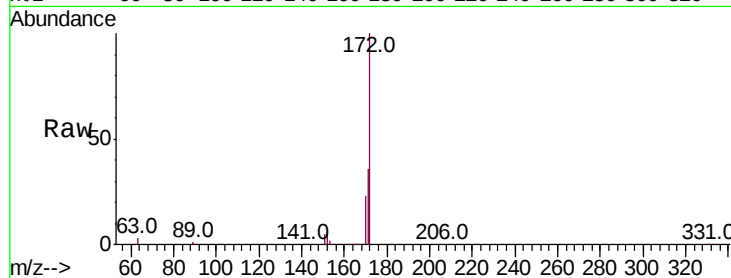




#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

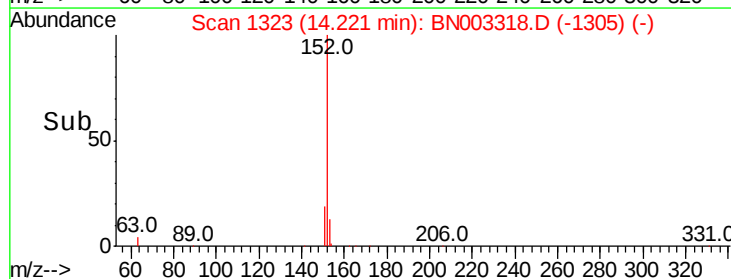
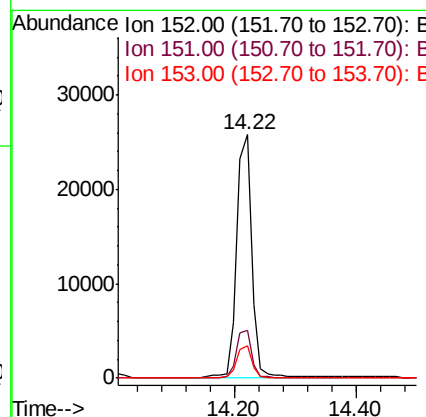
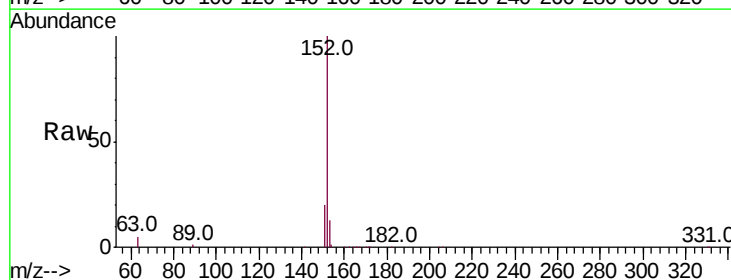
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

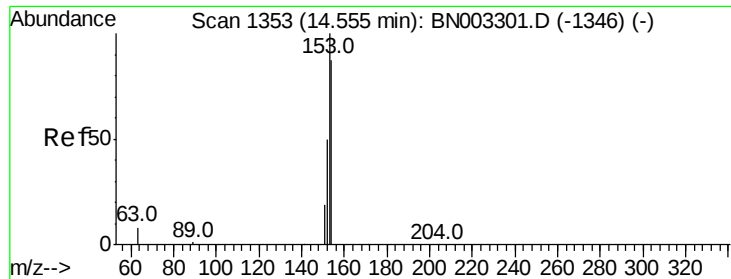
Tot Ion:172 Resp: 47777
Ion Ratio Lower Upper
172 100
171 35.6 27.1 40.7
170 23.4 17.4 26.0



#16
Acenaphthylene
Concen: 0.325 ng
RT: 14.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:152 Resp: 44248
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.356 ng

RT: 14.56 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

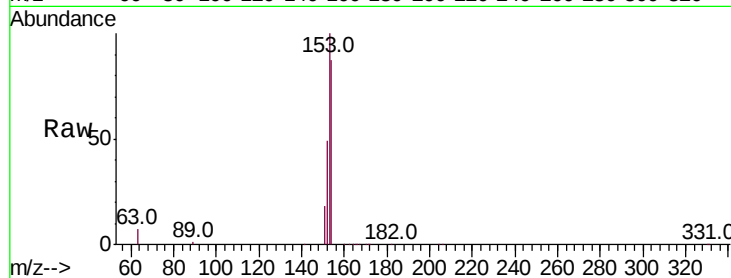
Tot Ion:154 Resp: 33593

Ion Ratio Lower Upper

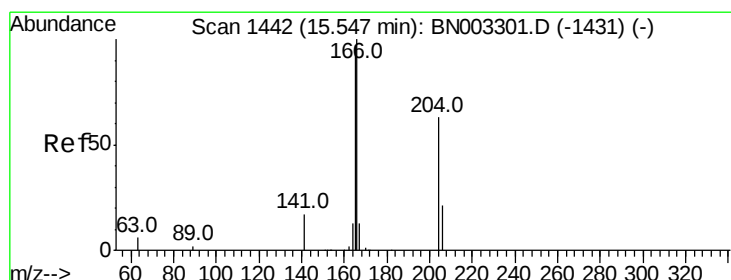
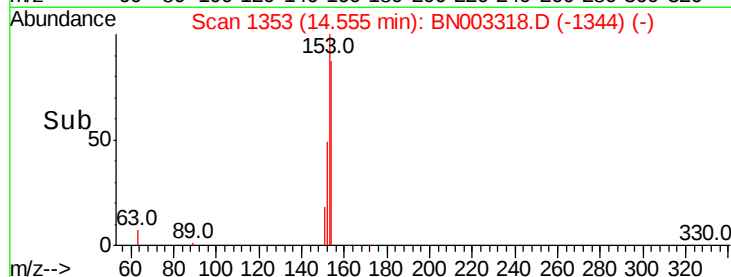
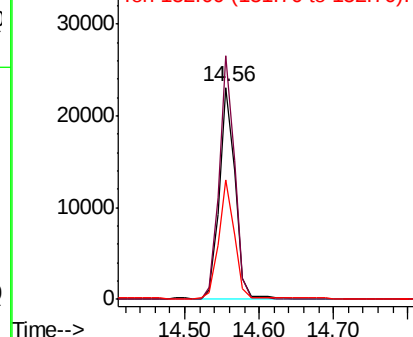
154 100

153 112.3 88.9 133.3

152 55.5 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.356 ng

RT: 15.55 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

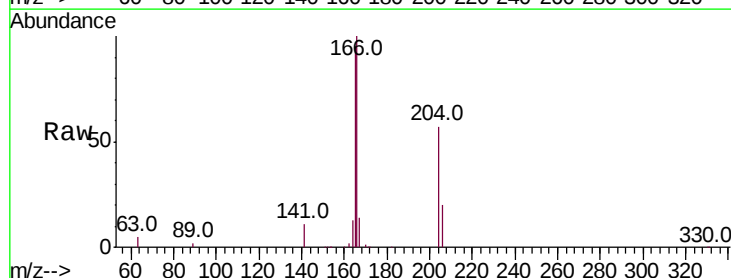
Tgt Ion:166 Resp: 42104

Ion Ratio Lower Upper

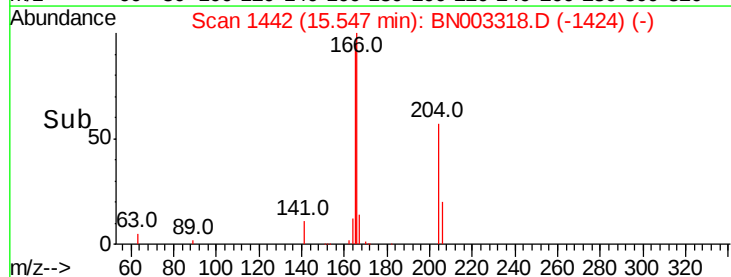
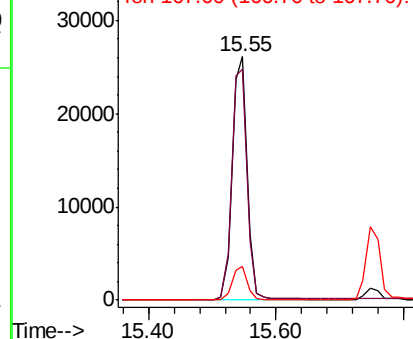
166 100

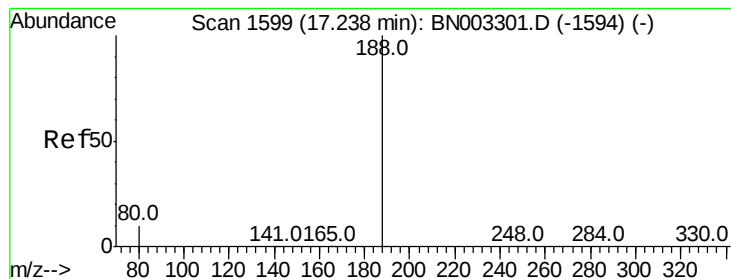
165 97.6 77.8 116.8

167 13.4 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: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

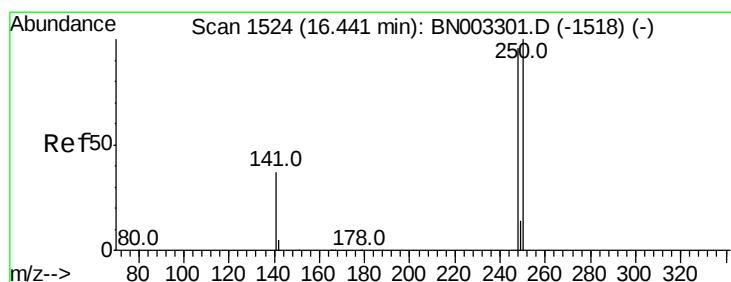
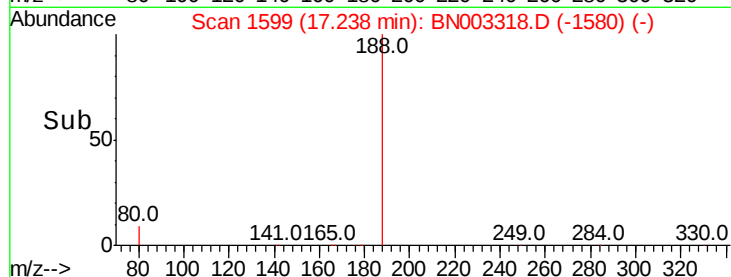
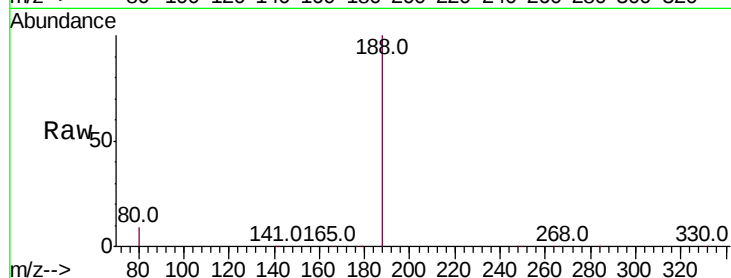
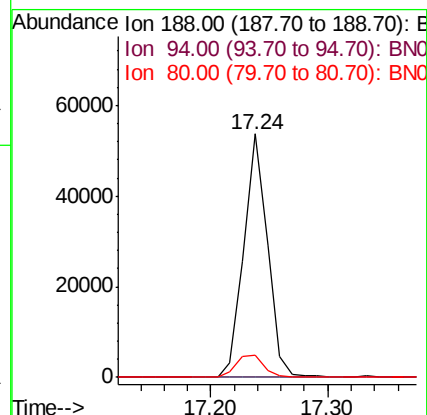
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:188 Resp: 74630

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	8.6	12.8



#20

4-Bromophenyl-phenylether

Concen: 0.351 ng

RT: 16.43 min Scan# 1523

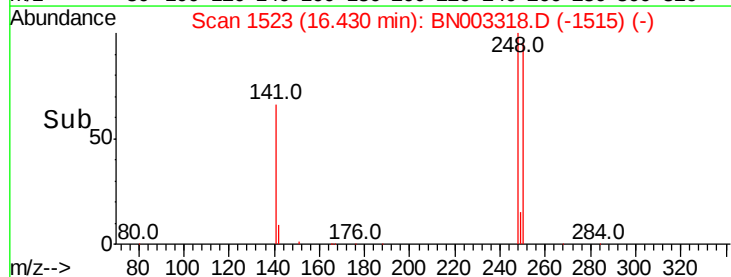
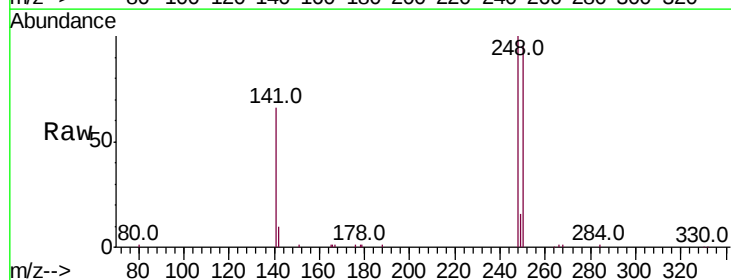
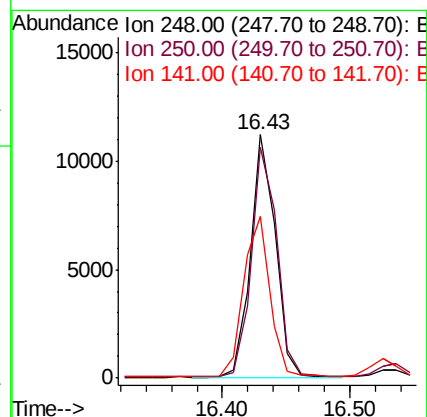
Delta R.T. -0.01 min

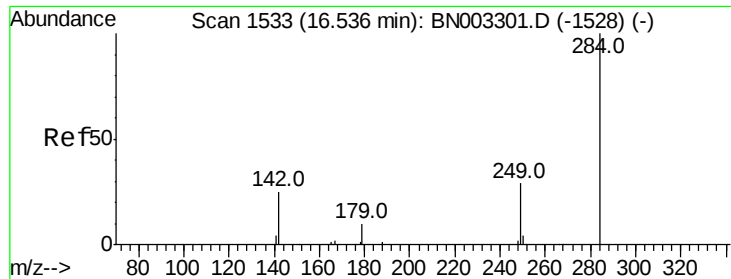
Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Tgt Ion:248 Resp: 15175

Ion	Ratio	Lower	Upper
248	100		
250	95.0	83.7	125.5
141	66.3	31.4	47.0





#21

Hexachlorobenzene

Concen: 0.373 ng

RT: 16.54 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

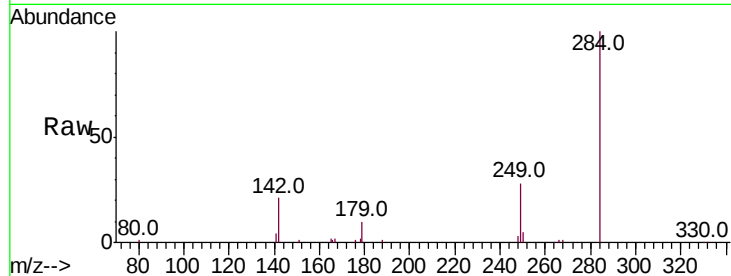
Tot Ion:284 Resp: 17008

Ion Ratio Lower Upper

284 100

142 36.8 29.7 44.5

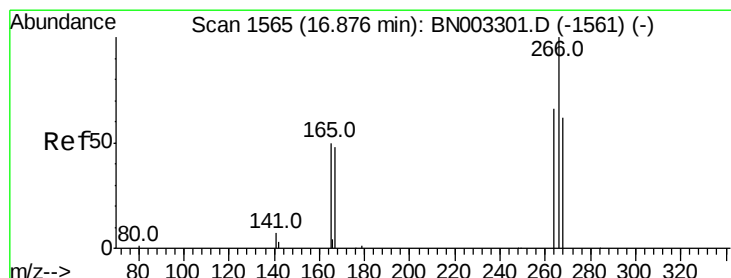
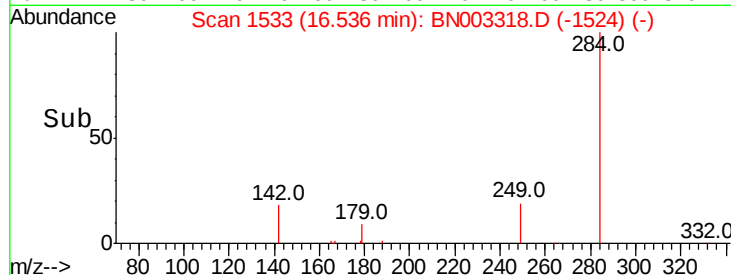
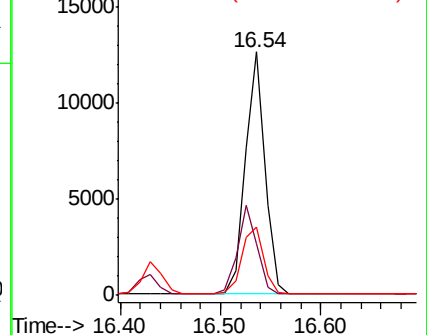
249 30.0 24.0 36.0



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: 0.364 ng

RT: 16.88 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

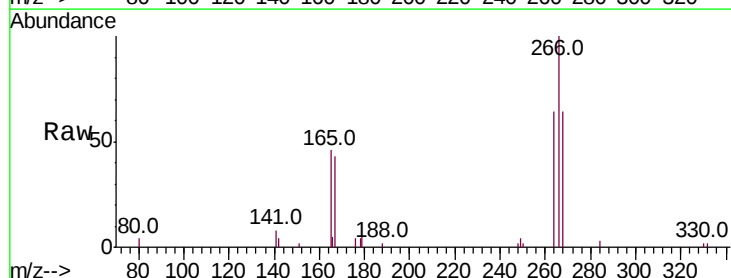
Tgt Ion:266 Resp: 4499

Ion Ratio Lower Upper

266 100

264 63.7 52.1 78.1

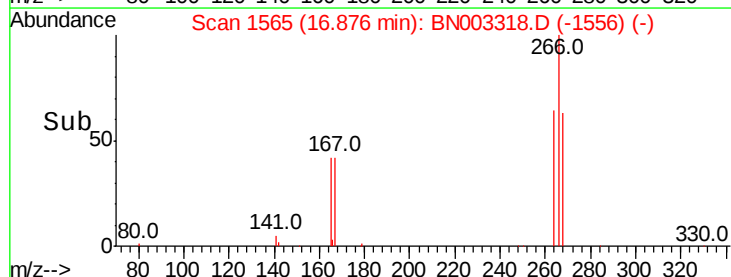
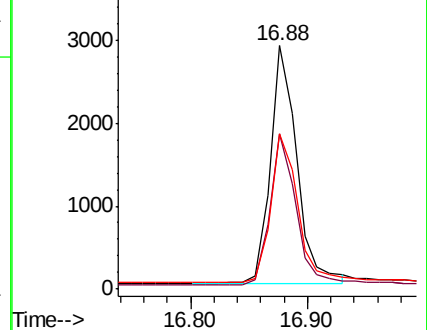
268 63.7 51.8 77.6

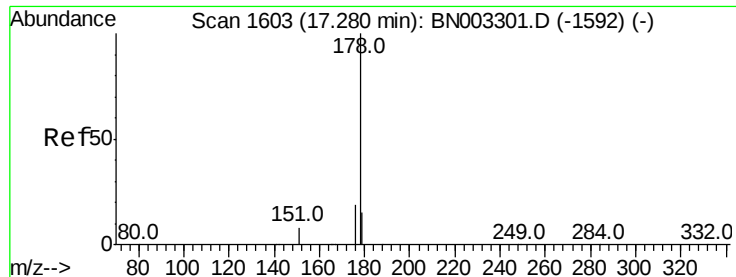


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.357 ng

RT: 17.28 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

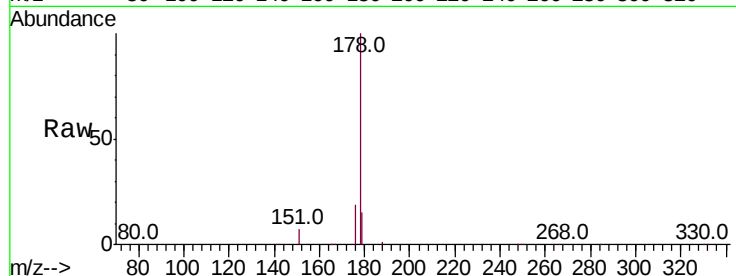
Tot Ion:178 Resp: 73098

Ion Ratio Lower Upper

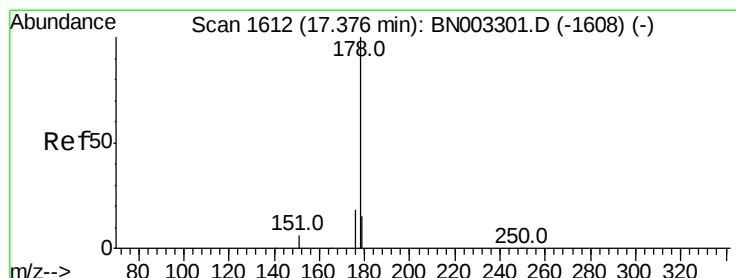
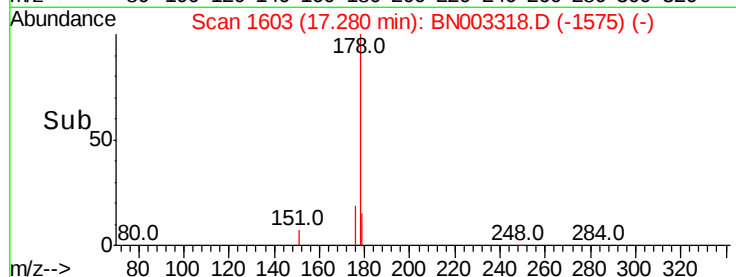
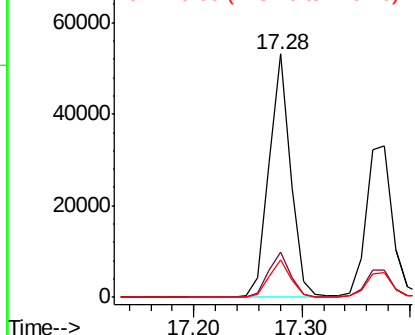
178 100

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: 0.322 ng

RT: 17.38 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

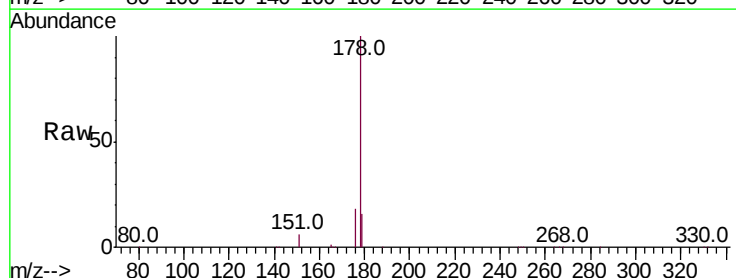
Tgt Ion:178 Resp: 56599

Ion Ratio Lower Upper

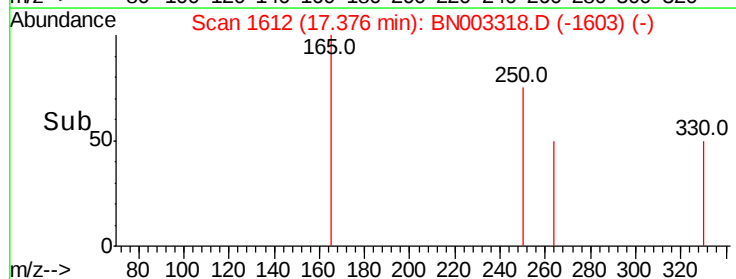
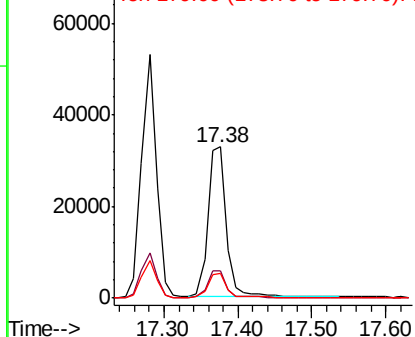
178 100

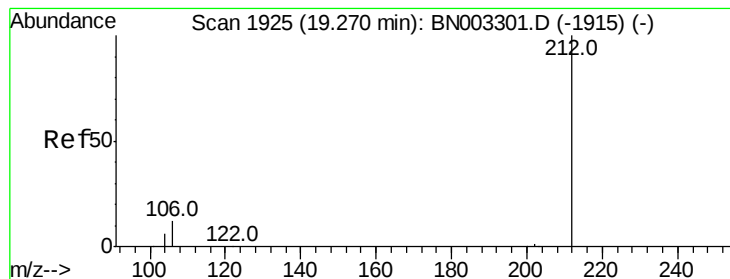
176 18.3 14.5 21.7

179 15.4 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: 0.337 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

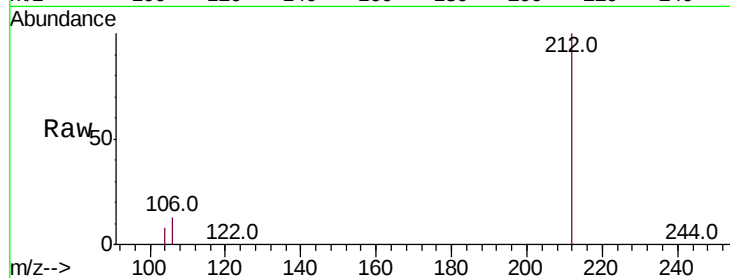
Tot Ion:212 Resp: 73216

Ion Ratio Lower Upper

212 100

106 12.7 10.3 15.5

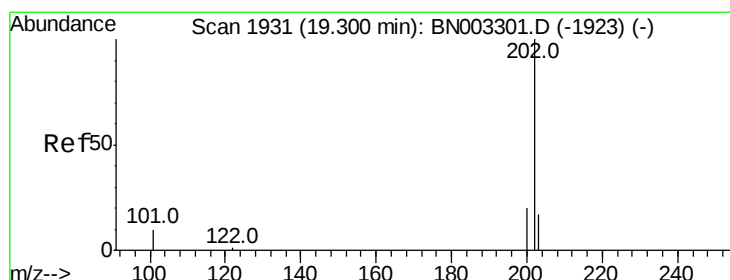
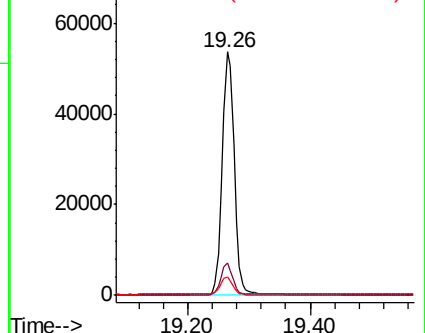
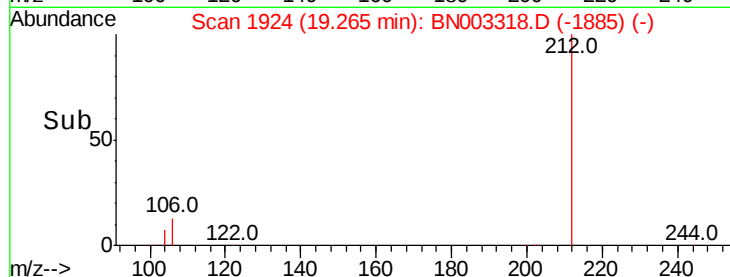
104 7.1 5.6 8.4



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: 0.342 ng

RT: 19.29 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

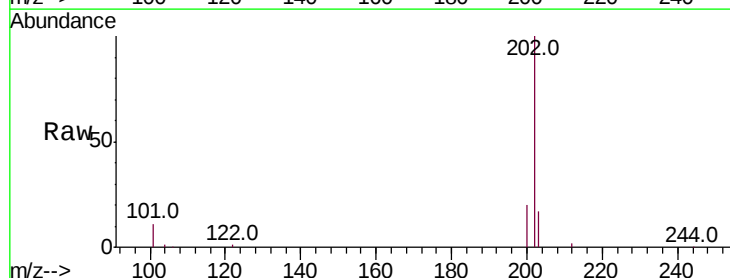
Tgt Ion:202 Resp: 80459

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

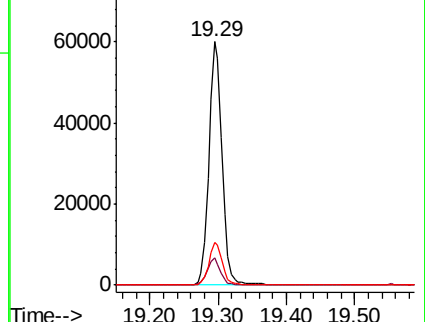
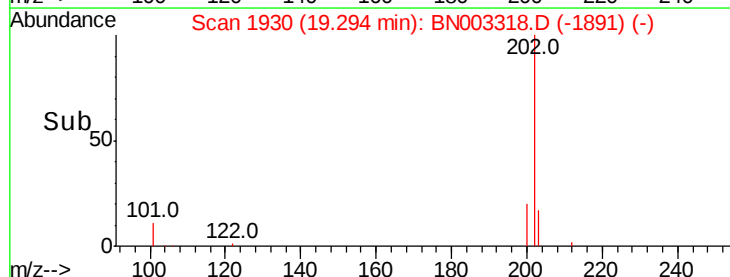
203 17.2 13.8 20.6

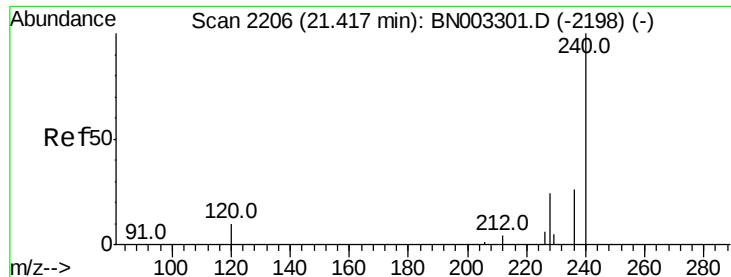


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

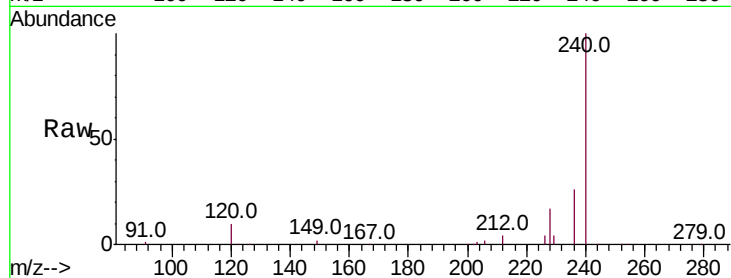
Tot Ion:240 Resp: 84450

Ion Ratio Lower Upper

240 100

120 9.5 9.3 13.9

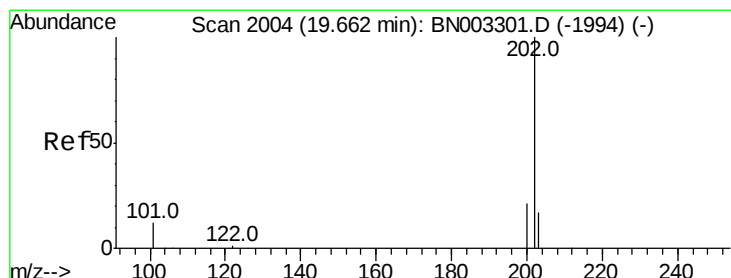
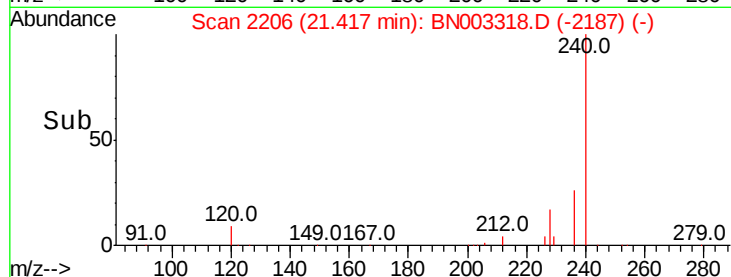
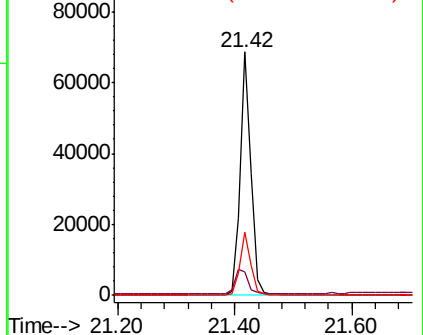
236 26.2 21.0 31.4



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: 0.348 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

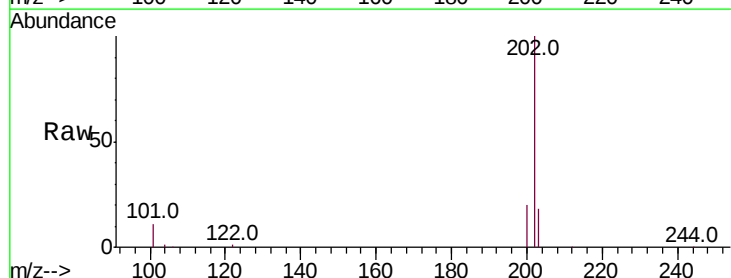
Tgt Ion:202 Resp: 81226

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

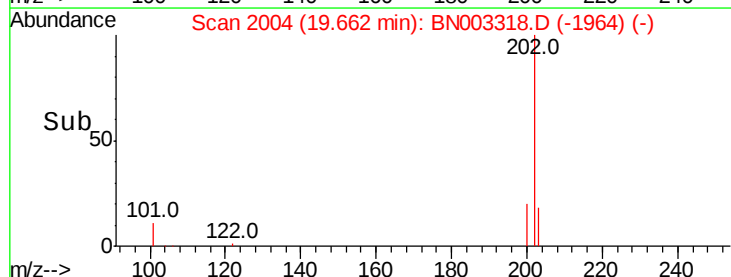
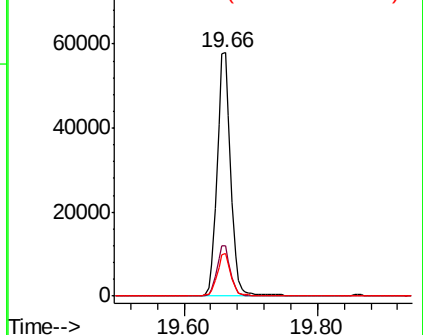
203 17.4 13.9 20.9

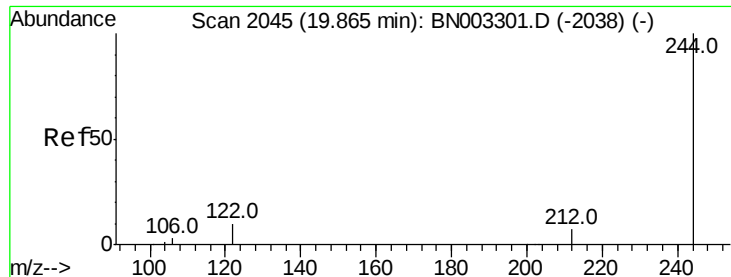


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.348 ng

RT: 19.86 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

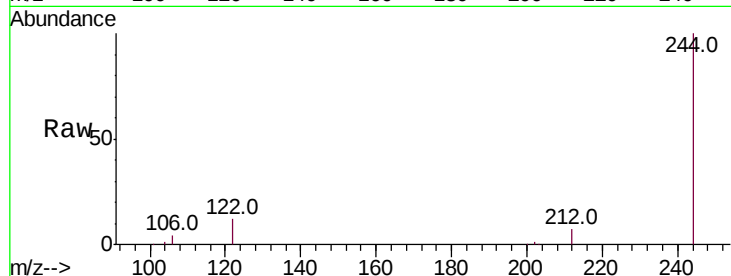
Tot Ion:244 Resp: 68449

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

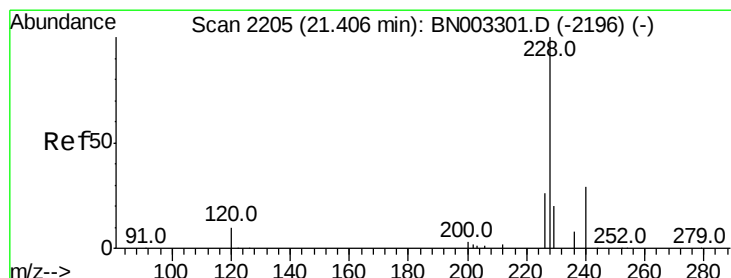
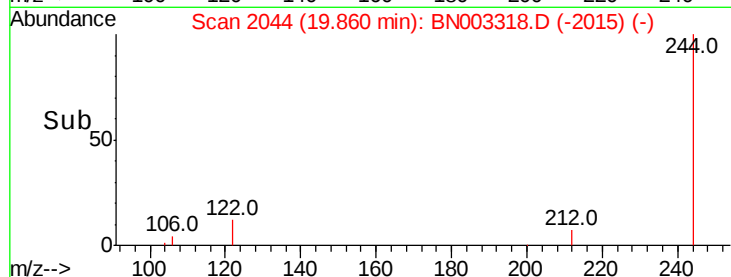
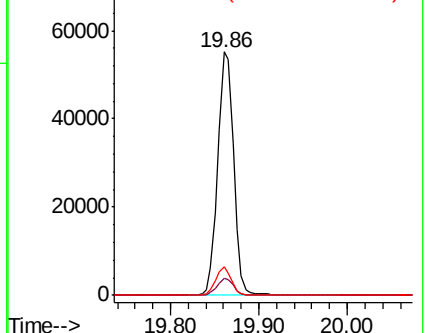
122 11.7 8.5 12.7



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: 0.320 ng

RT: 21.41 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

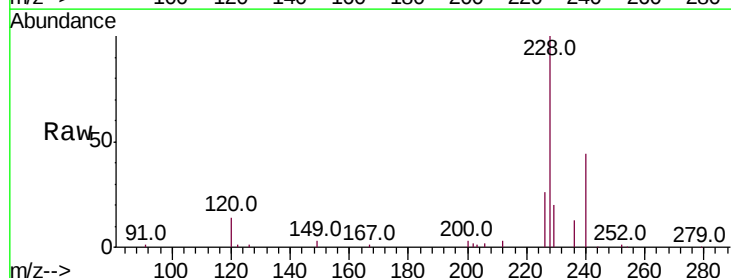
Tgt Ion:228 Resp: 70912

Ion Ratio Lower Upper

228 100

226 25.7 20.8 31.2

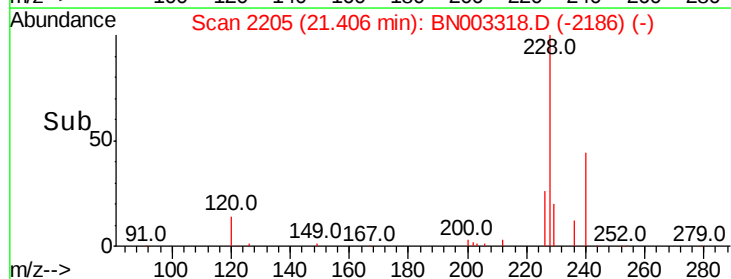
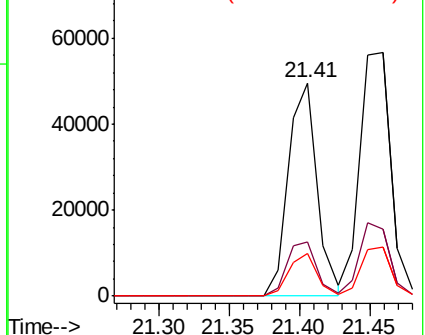
229 20.2 16.1 24.1

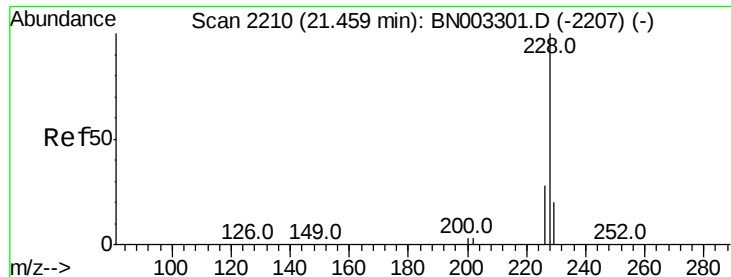


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.364 ng

RT: 21.46 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

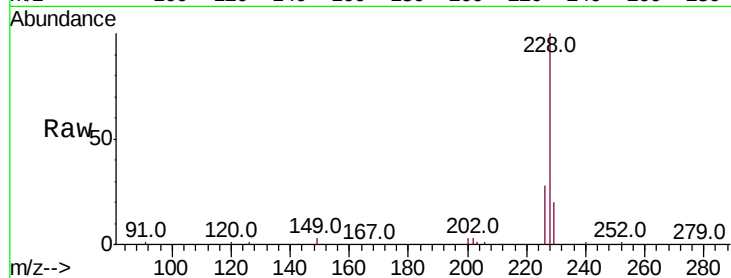
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 86835

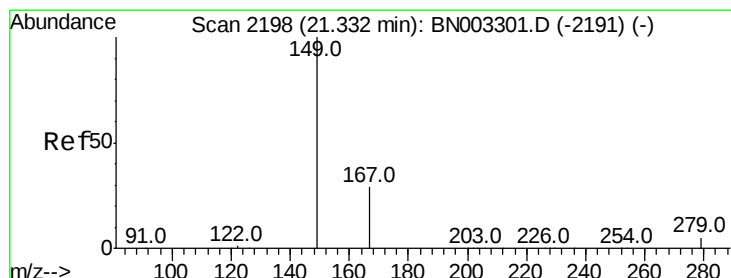
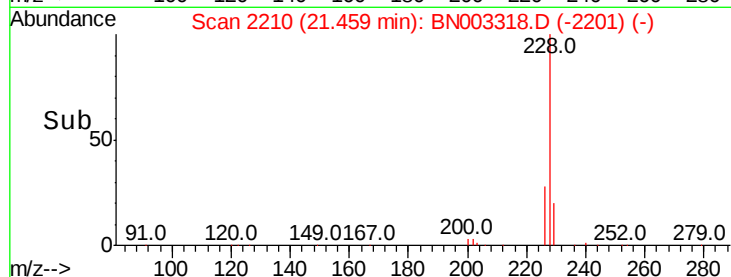
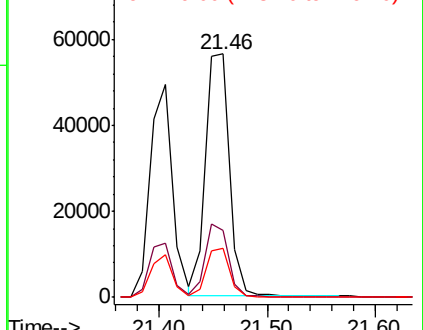
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	20.0	16.0	24.0



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: 0.283 ng

RT: 21.32 min Scan# 2197

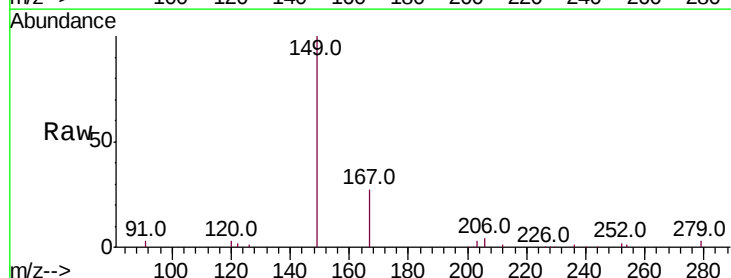
Delta R.T. -0.01 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Tgt Ion:149 Resp: 18506

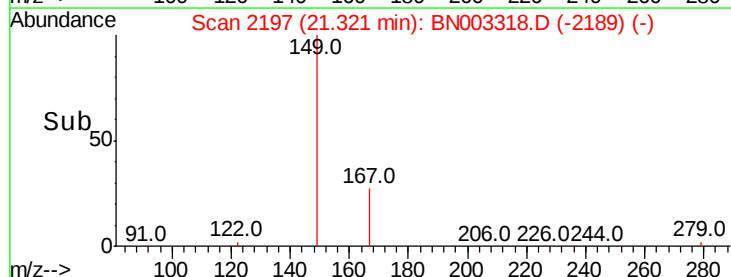
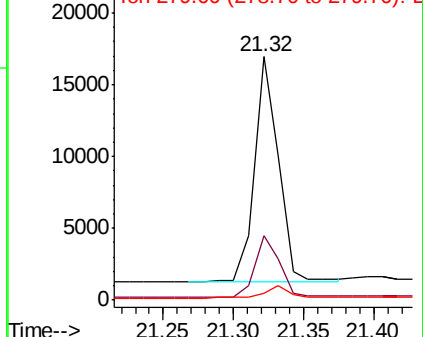
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.4	33.6
279	5.2	3.9	5.9

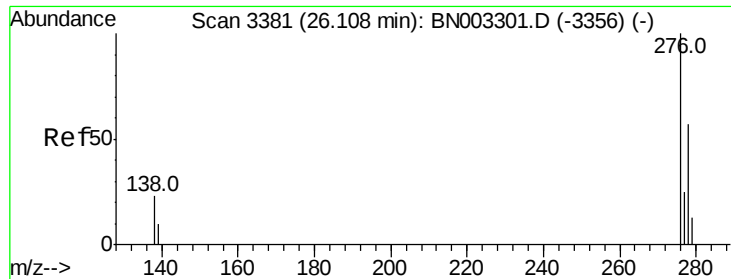


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.356 ng

RT: 26.10 min Scan# 3380

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

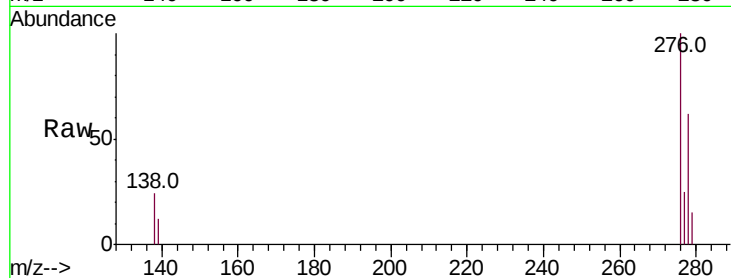
Tot Ion:276 Resp: 88042

Ion Ratio Lower Upper

276 100

138 23.9 20.6 30.8

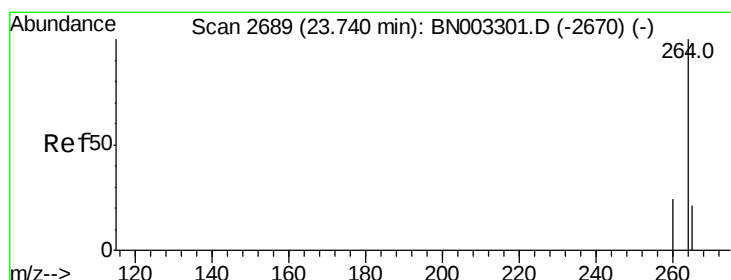
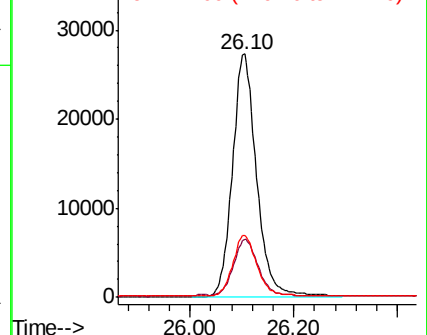
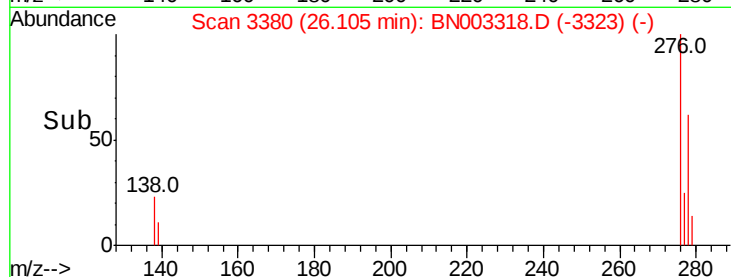
277 25.3 20.0 30.0



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# 2689

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

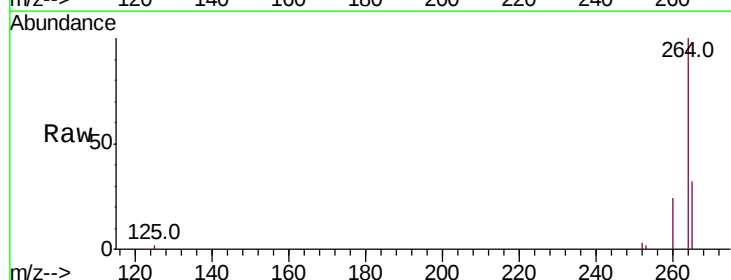
Tgt Ion:264 Resp: 76935

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

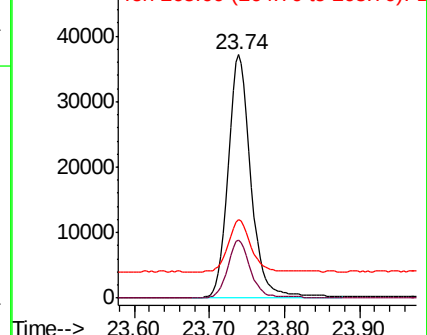
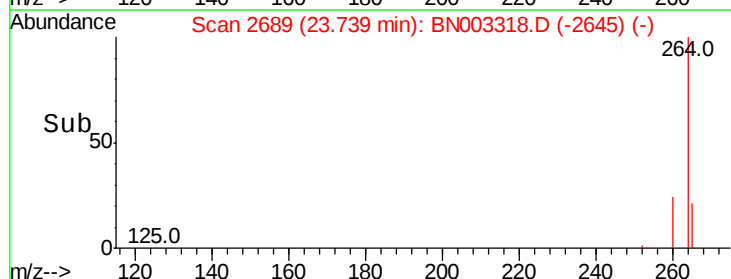
265 32.2 26.4 39.6

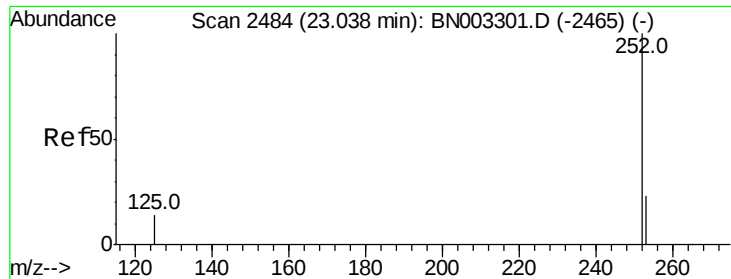


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

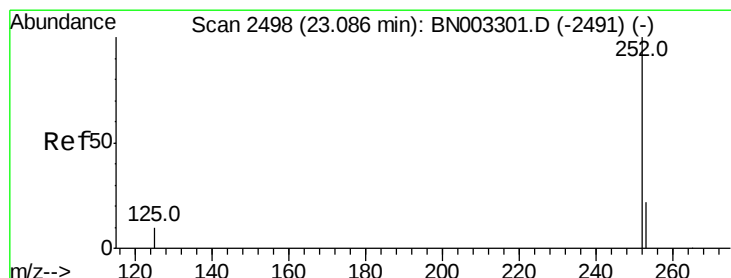
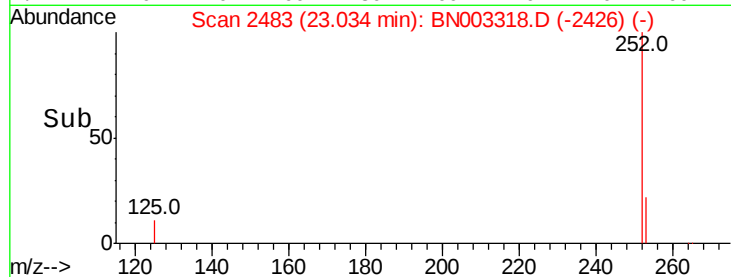
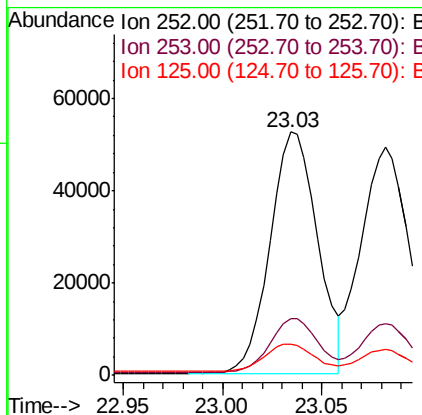
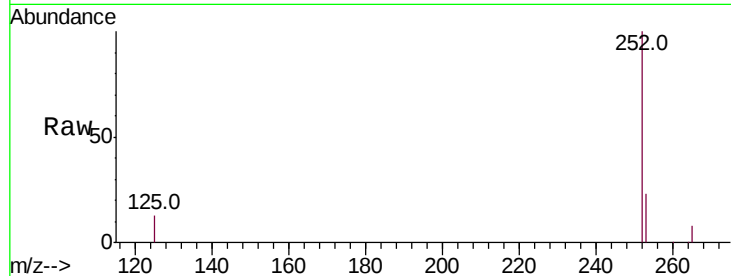




#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.03 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

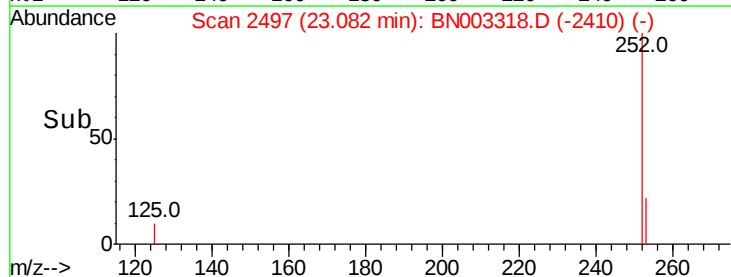
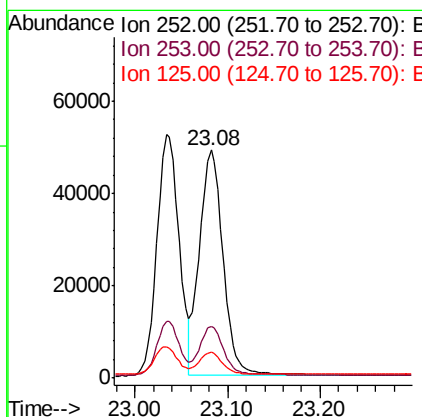
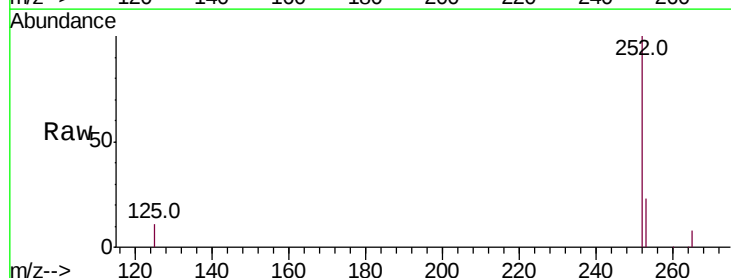
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

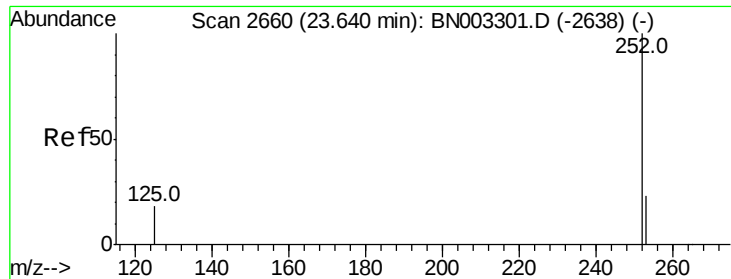
Tot Ion:252 Resp: 86747
Ion Ratio Lower Upper
252 100
253 23.2 19.3 28.9
125 13.0 12.7 19.1



#36
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 23.08 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:252 Resp: 86052
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 11.2 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.356 ng

RT: 23.64 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

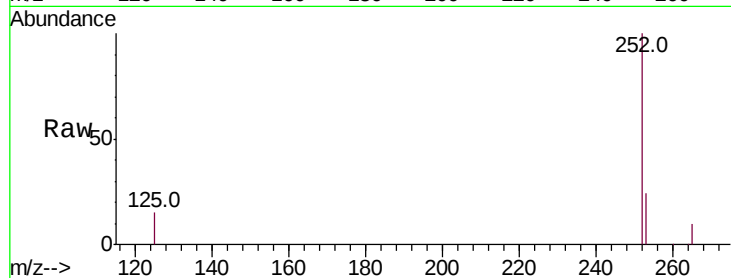
Tot Ion:252 Resp: 77805

Ion Ratio Lower Upper

252 100

253 23.9 20.1 30.1

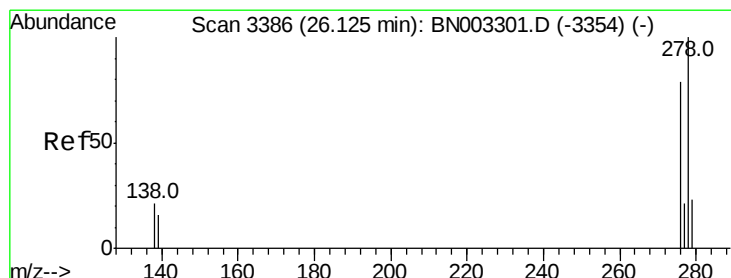
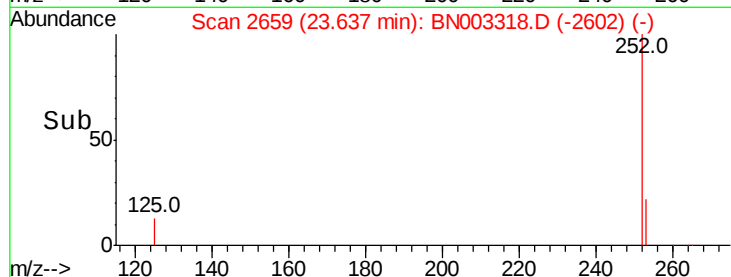
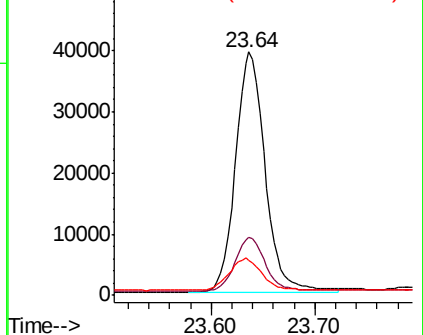
125 14.5 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.353 ng

RT: 26.12 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BN003318.D

Acq: 26 Oct 2018 23:05

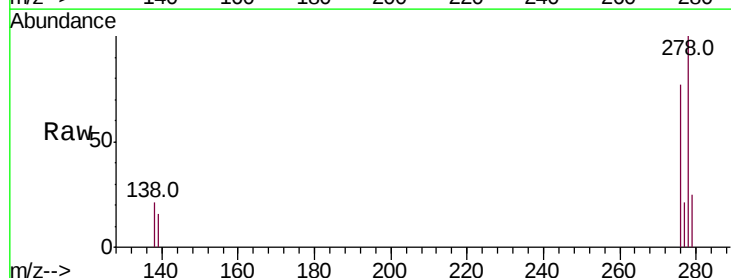
Tgt Ion:278 Resp: 71797

Ion Ratio Lower Upper

278 100

139 16.3 13.5 20.3

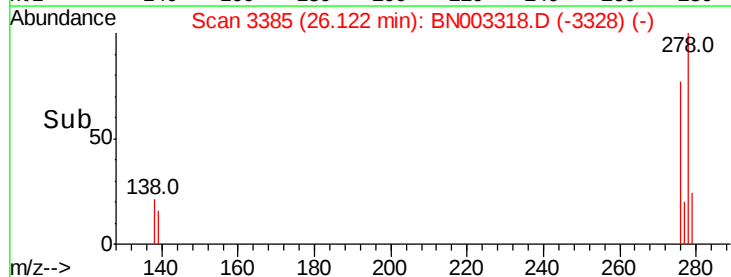
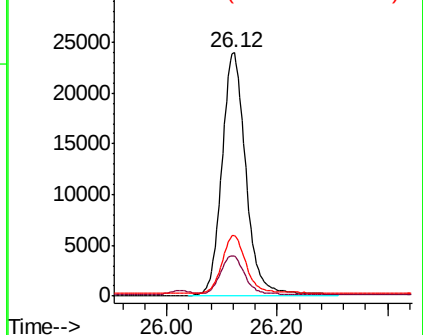
279 24.8 19.8 29.6

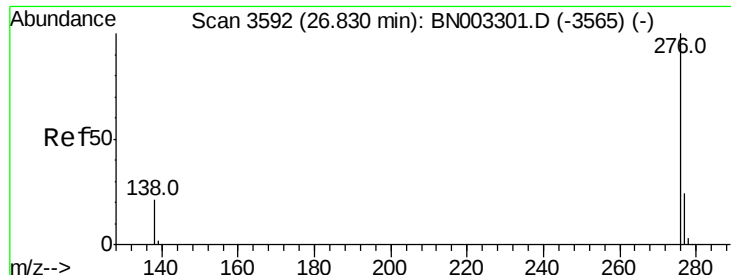


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.355 ng

RT: 26.83 min Scan# 3592

Delta R.T. -0.00 min

Lab File: BN003318.D

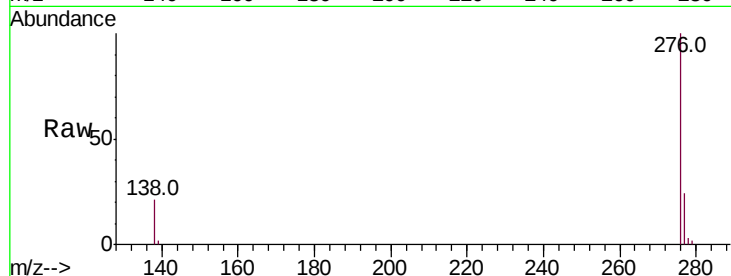
Acq: 26 Oct 2018 23:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



Tot Ion:276 Resp: 72363

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 21.2 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

