

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\
 Data File : BN003338.D
 Acq On : 29 Oct 2018 18:57
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 30 06:45:39 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	15124	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	65253	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	38126	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	89870	0.40	ng	0.00
27) Chrysene-d12	21.42	240	101167	0.40	ng	0.00
34) Perylene-d12	23.73	264	91723	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	14035	0.37	ng	0.00
5) Phenol-d6	7.01	99	18135	0.38	ng	0.00
8) Nitrobenzene-d5	9.02	82	13521	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	39227	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	5744	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	58496	0.36	ng	-0.01
25) Fluoranthene-d10	19.26	212	89777	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	82120	0.35	ng	0.00

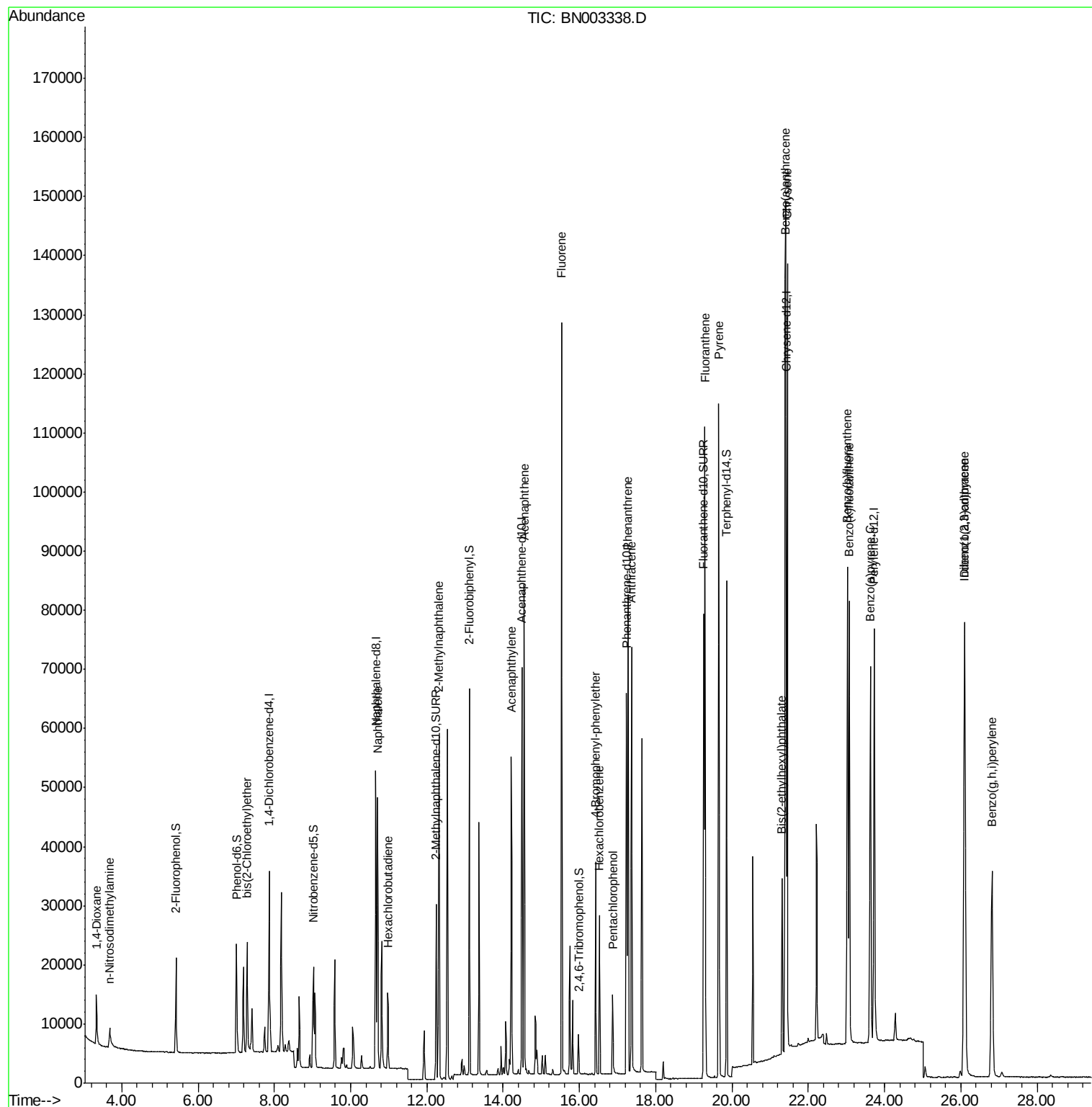
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	6661	0.340	ng	99
3) n-Nitrosodimethylamine	3.67	42	3526	0.391	ng	# 91
6) bis(2-Chloroethyl)ether	7.29	93	16411	0.389	ng	99
9) Naphthalene	10.71	128	59125	0.370	ng	100
10) Hexachlorobutadiene	10.97	225	10919	0.374	ng	# 100
12) 2-Methylnaphthalene	12.31	142	40950	0.367	ng	100
16) Acenaphthylene	14.21	152	59842	0.352	ng	100
17) Acenaphthene	14.56	154	42591	0.362	ng	99
18) Fluorene	15.54	166	51555	0.350	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	18742	0.360	ng	96
21) Hexachlorobenzene	16.53	284	20310	0.370	ng	99
22) Pentachlorophenol	16.88	266	6810	0.458	ng	97
23) Phenanthrene	17.27	178	88443	0.359	ng	100
24) Anthracene	17.37	178	72458	0.343	ng	100
26) Fluoranthene	19.29	202	97096	0.343	ng	100
28) Pyrene	19.66	202	100298	0.359	ng	100
30) Benzo(a)anthracene	21.40	228	95767	0.361	ng	98
31) Chrysene	21.45	228	101025	0.353	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	31384	0.400	ng	99
33) Indeno(1,2,3-cd)pyrene	26.09	276	94967	0.321	ng	98
35) Benzo(b)fluoranthene	23.03	252	102867	0.359	ng	# 95
36) Benzo(k)fluoranthene	23.08	252	99354	0.351	ng	100
37) Benzo(a)pyrene	23.63	252	92644	0.356	ng	# 92
38) Dibenzo(a,h)anthracene	26.11	278	78848	0.325	ng	100
39) Benzo(g,h,i)perylene	26.82	276	76472	0.315	ng	100

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

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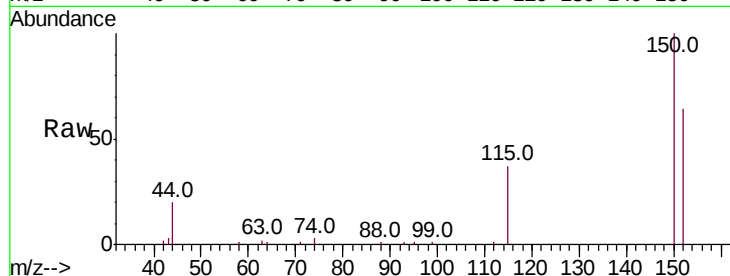


#1

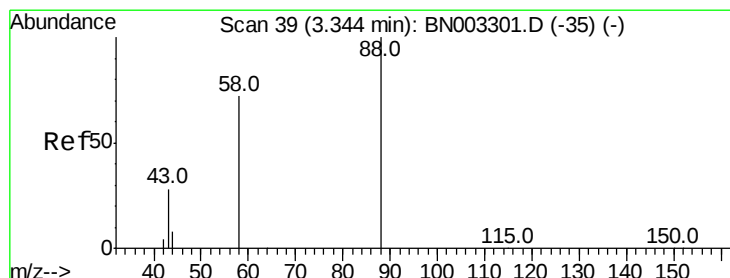
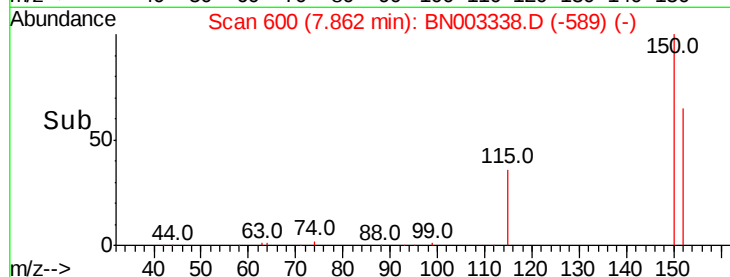
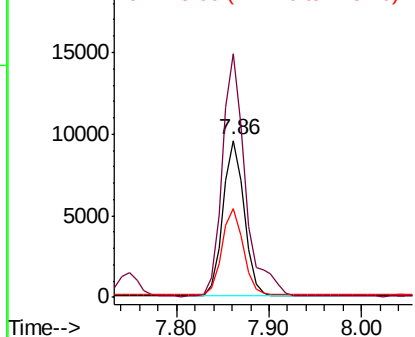
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003338.D
Acq: 29 Oct 2018 18:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 15124
Ion Ratio Lower Upper
152 100
150 155.2 124.6 187.0
115 56.9 46.4 69.6



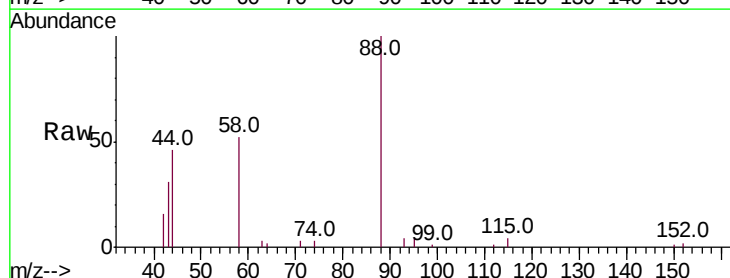
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



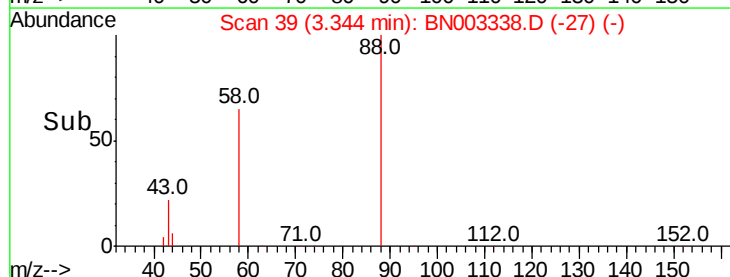
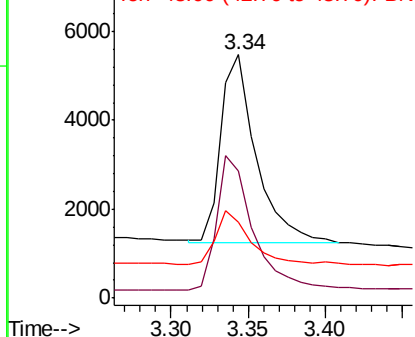
#2

1,4-Dioxane
Concen: 0.340 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN003338.D
Acq: 29 Oct 2018 18:57

Tgt Ion: 88 Resp: 6661
Ion Ratio Lower Upper
88 100
58 75.2 60.9 91.3
43 28.5 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



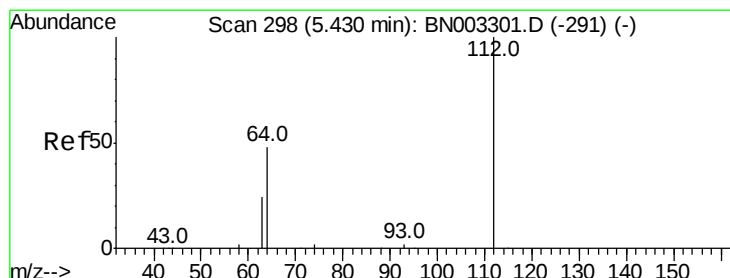
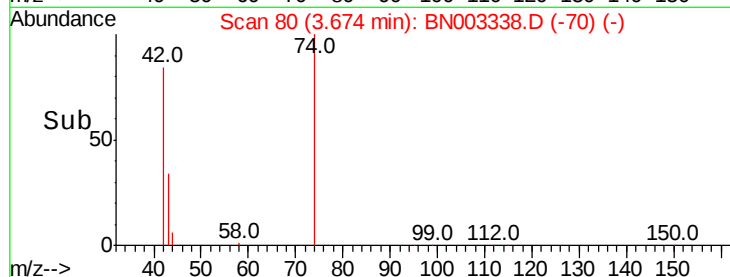
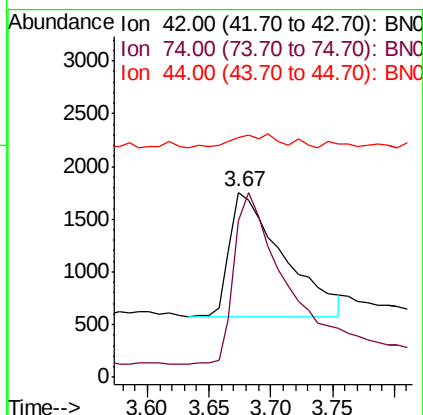
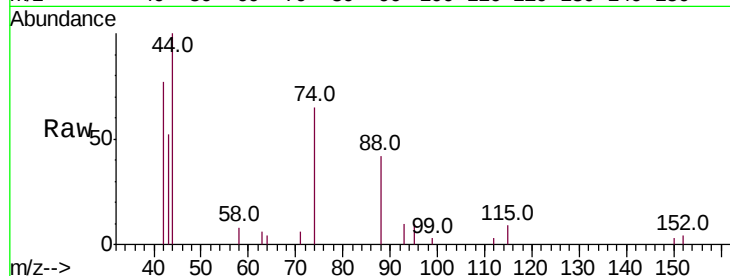


#3

n-Nitrosodimethylamine
 Concen: 0.391 ng
 RT: 3.67 min Scan# 80
 Delta R.T. -0.02 min
 Lab File: BN003338.D
 Acq: 29 Oct 2018 18:57

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

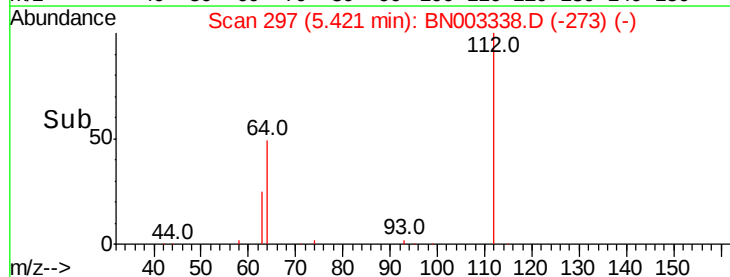
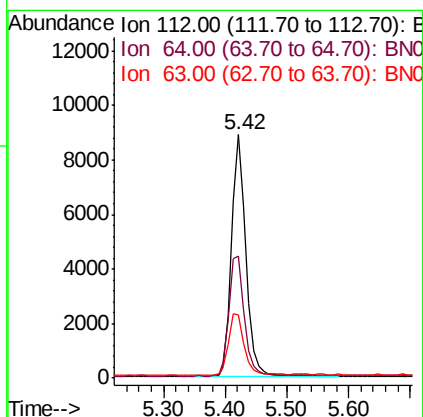
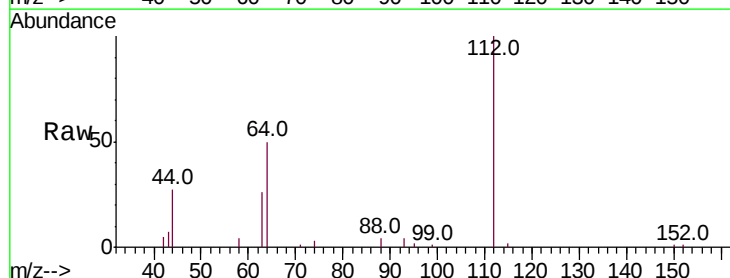
Tot Ion: 42 Resp: 3526
 Ion Ratio Lower Upper
 42 100
 74 134.2 99.1 148.7
 44 0.0 4.2 6.4#

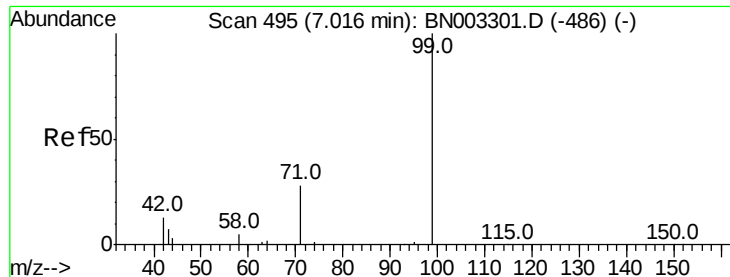


#4

2-Fluorophenol
 Concen: 0.375 ng
 RT: 5.42 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: BN003338.D
 Acq: 29 Oct 2018 18:57

Tgt Ion: 112 Resp: 14035
 Ion Ratio Lower Upper
 112 100
 64 53.0 44.3 66.5
 63 27.3 22.4 33.6





#5

Phenol-d6

Concen: 0.384 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

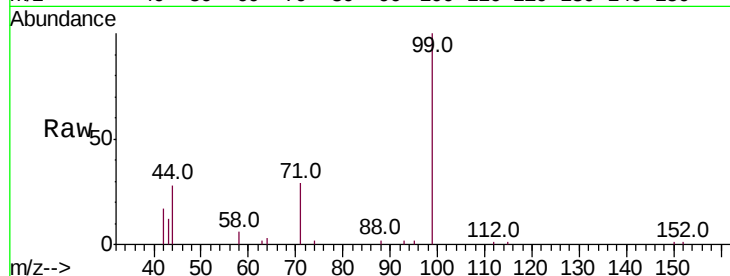
Tot Ion: 99 Resp: 18135

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

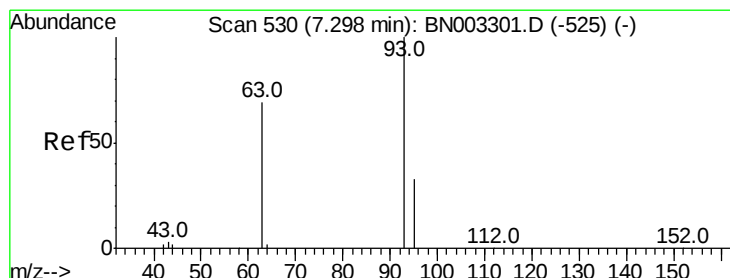
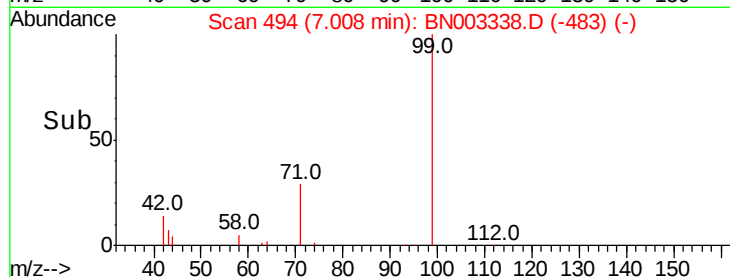
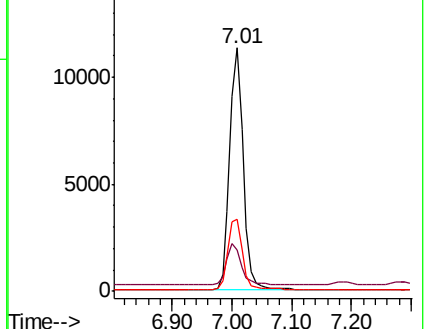
71 30.4 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003338.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BN003338.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BN003338.D (-505) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.389 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

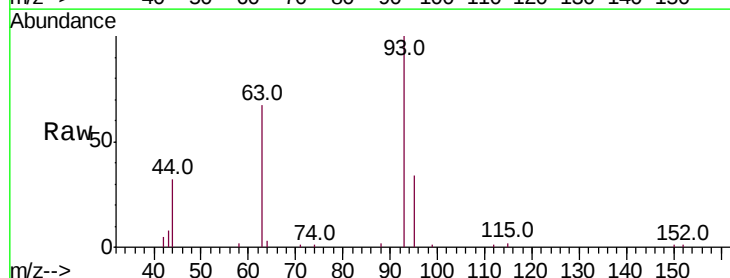
Tgt Ion: 93 Resp: 16411

Ion Ratio Lower Upper

93 100

63 70.8 55.8 83.6

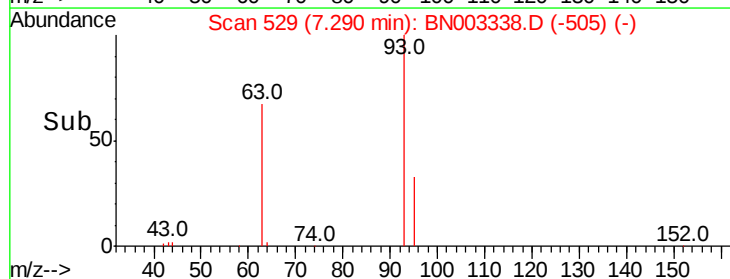
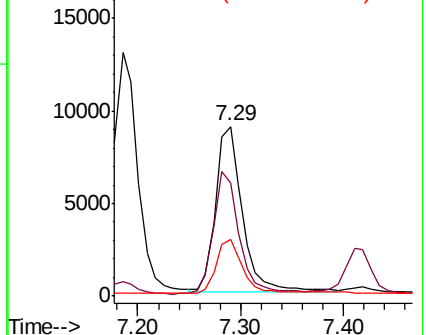
95 31.9 25.4 38.2

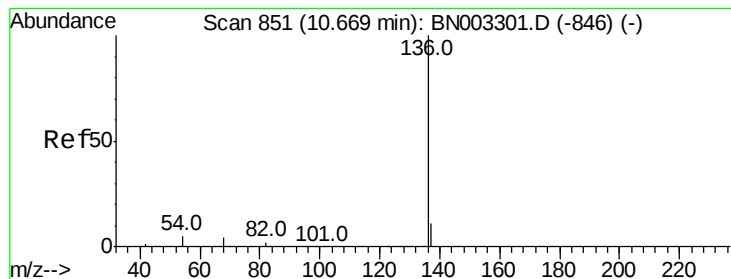


Abundance Ion 93.00 (92.70 to 93.70): BN003338.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN003338.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN003338.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 65253

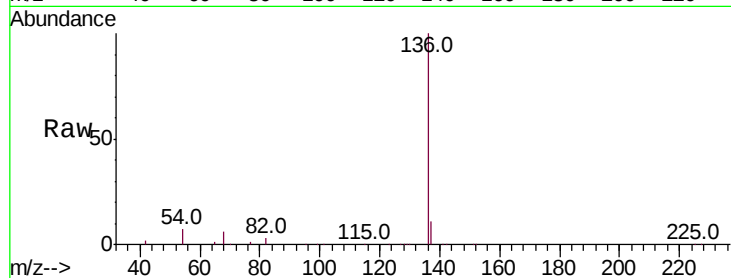
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.7 4.1 6.1#

68 5.6 3.5 5.3#

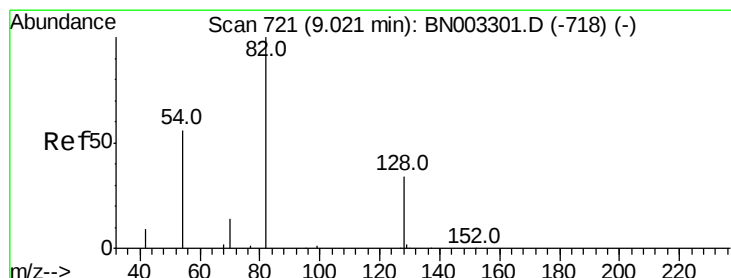
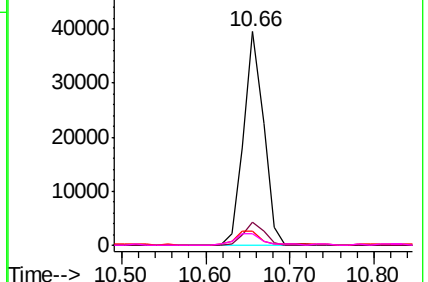
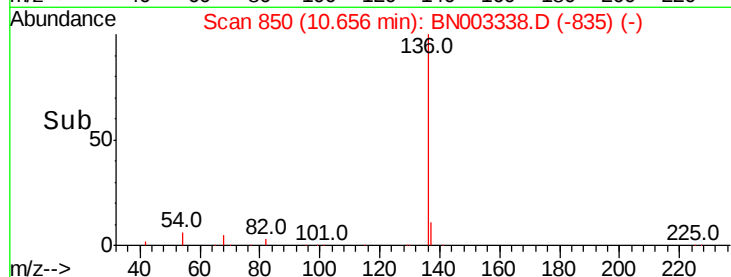


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.473 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

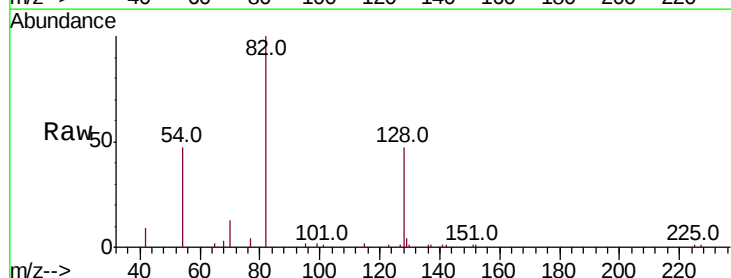
Tgt Ion: 82 Resp: 13521

Ion Ratio Lower Upper

82 100

128 46.8 28.9 43.3#

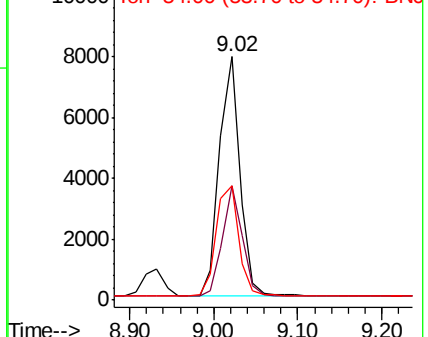
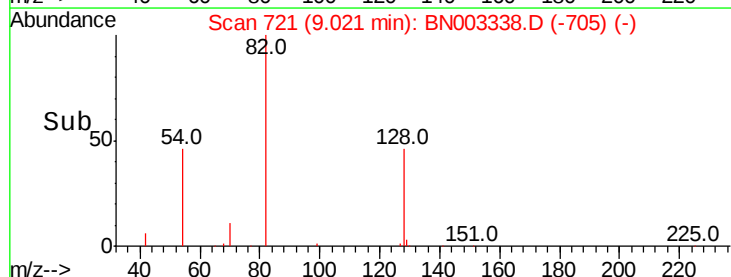
54 47.1 46.1 69.1

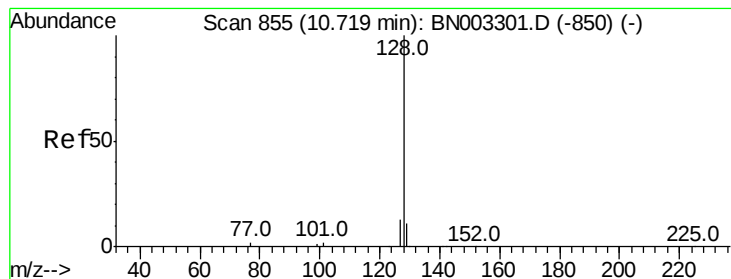


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.370 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

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SSTDCCC0.4

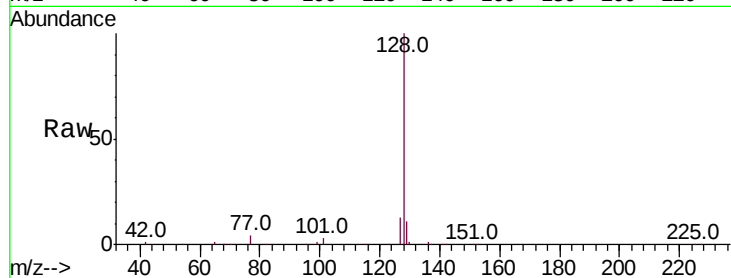
Tot Ion:128 Resp: 59125

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

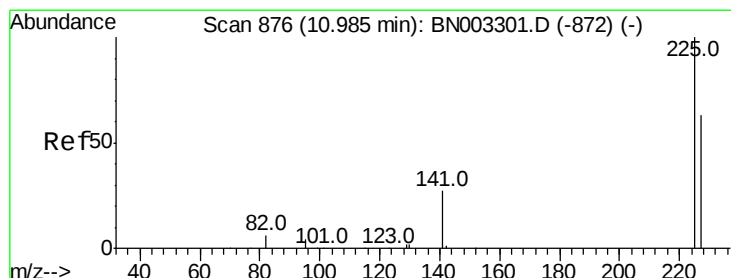
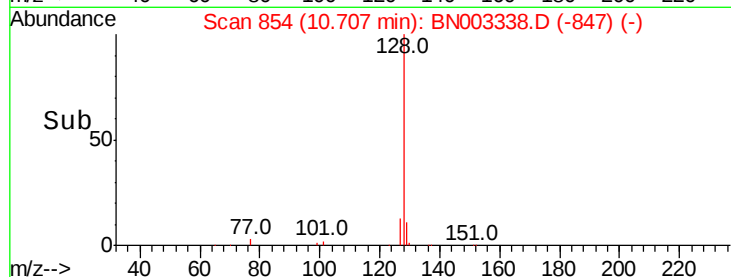
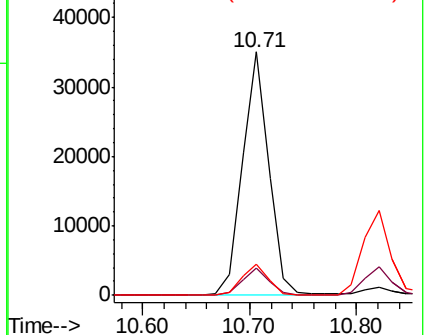
127 13.0 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.374 ng

RT: 10.97 min Scan# 875

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

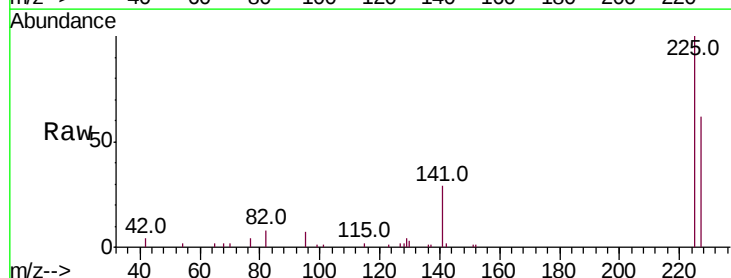
Tgt Ion:225 Resp: 10919

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

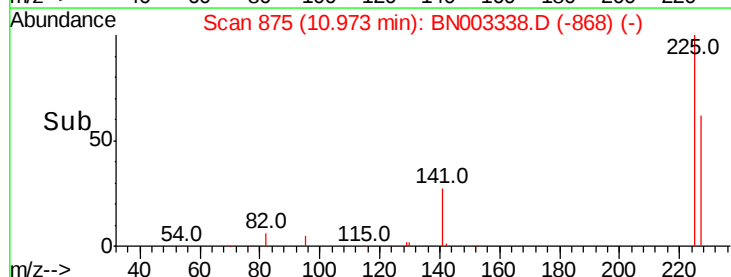
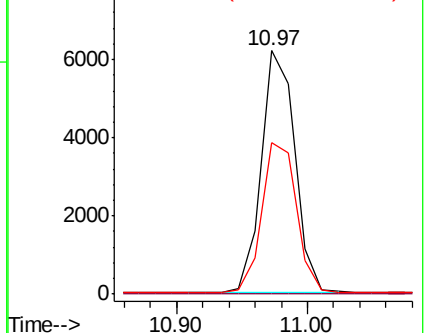
227 64.0 51.3 76.9

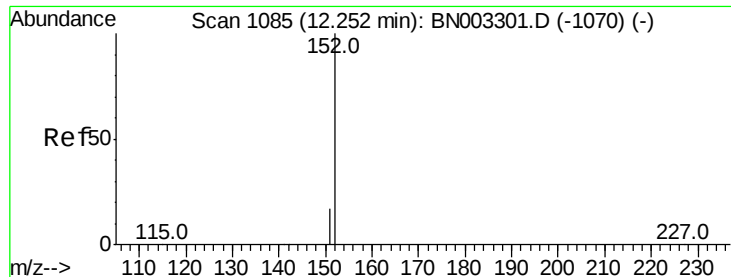


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

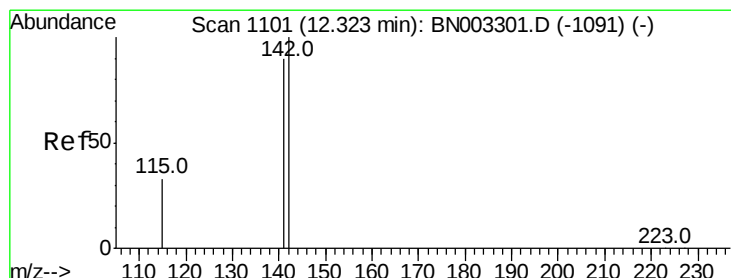
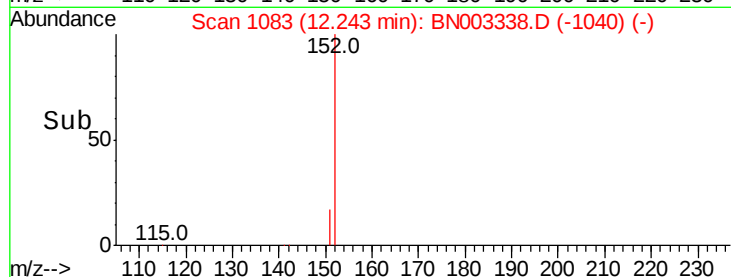
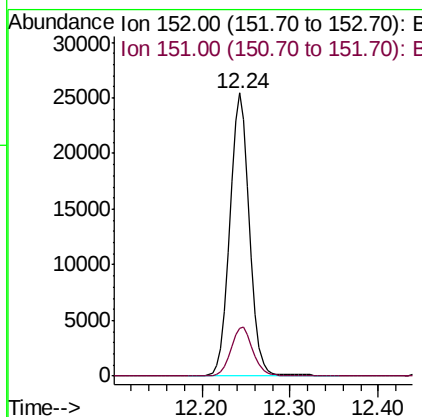
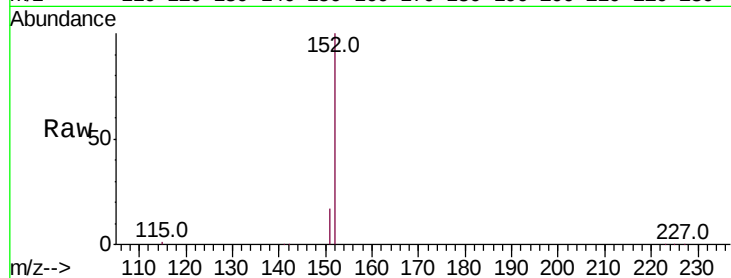




#11
 2-Methylnaphthalene-d10
 Concen: 0.369 ng
 RT: 12.24 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BN003338.D
 Acq: 29 Oct 2018 18:57

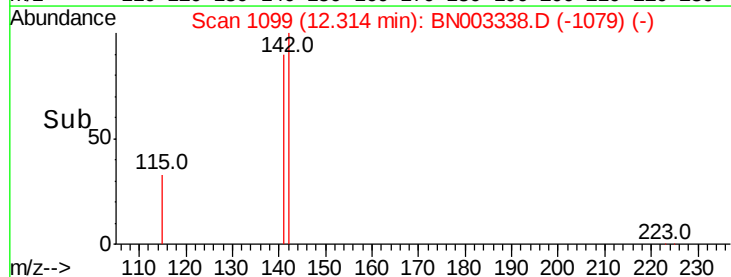
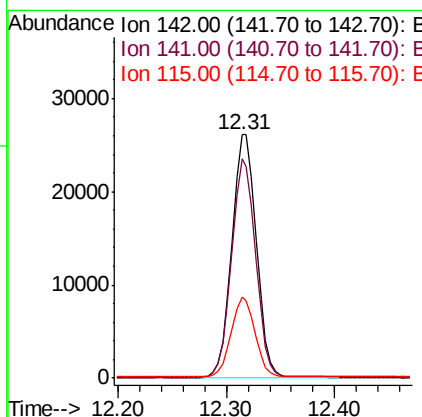
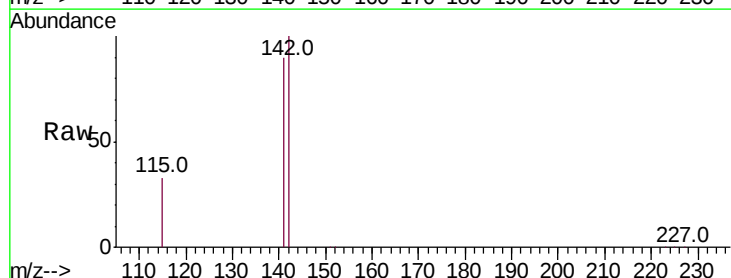
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

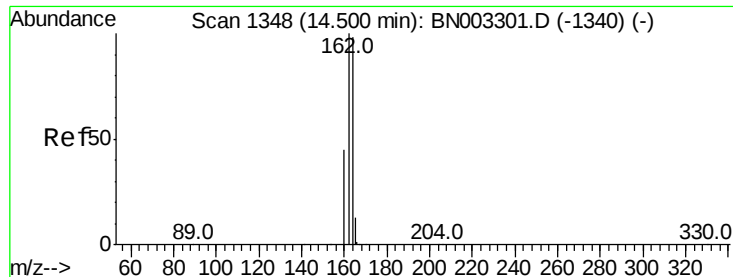
Tot Ion:152 Resp: 39227
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.367 ng
 RT: 12.31 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BN003338.D
 Acq: 29 Oct 2018 18:57

Tgt Ion:142 Resp: 40950
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.9 107.9
 115 33.1 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

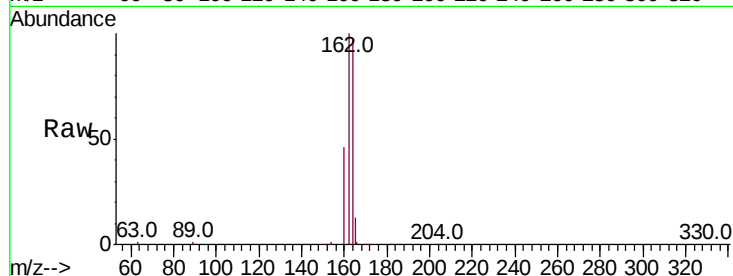
Tot Ion:164 Resp: 38126

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.6

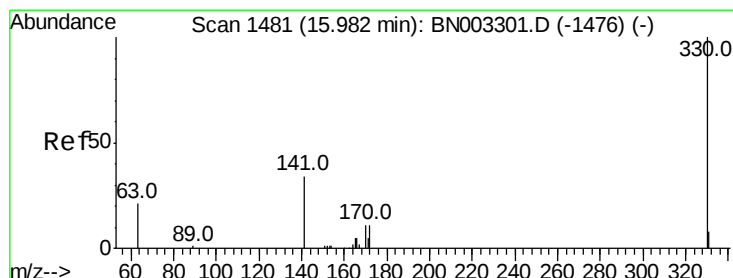
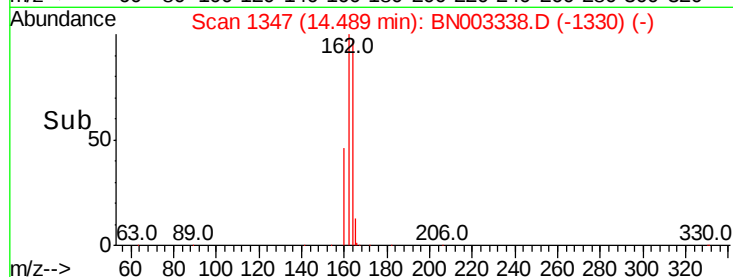
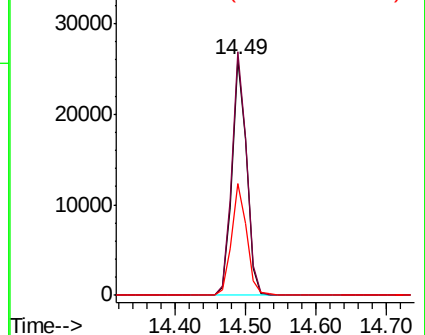
160 47.6 37.2 55.8



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: 0.379 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

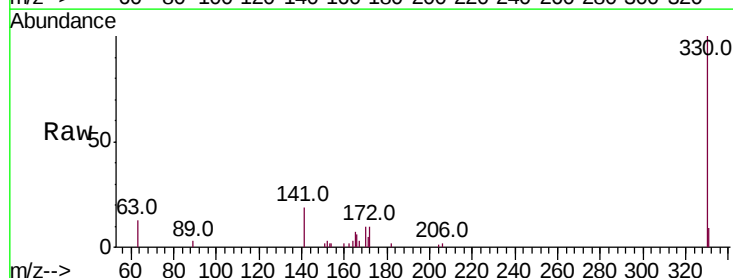
Tgt Ion:330 Resp: 5744

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

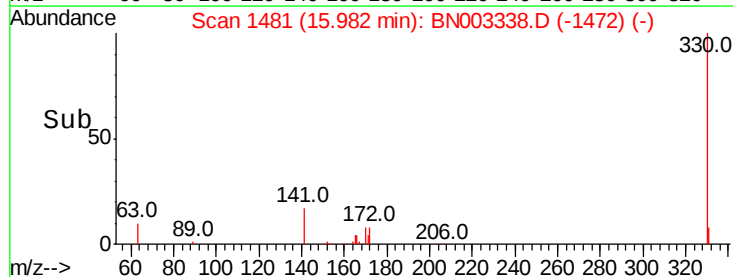
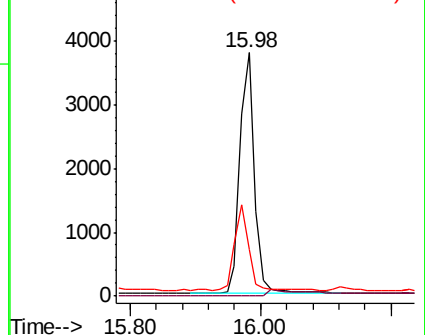
141 33.9 28.3 42.5

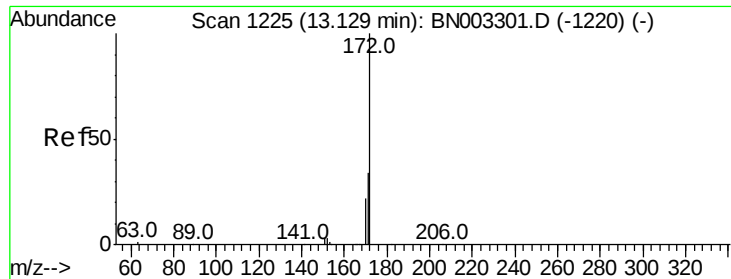


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

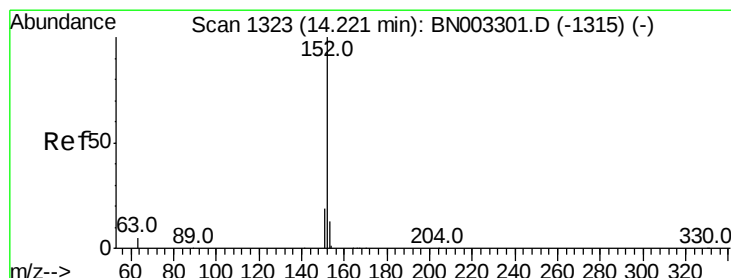
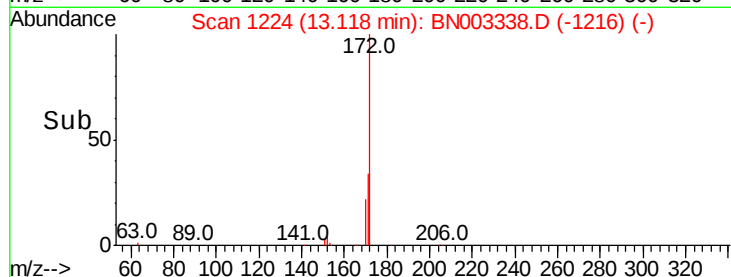
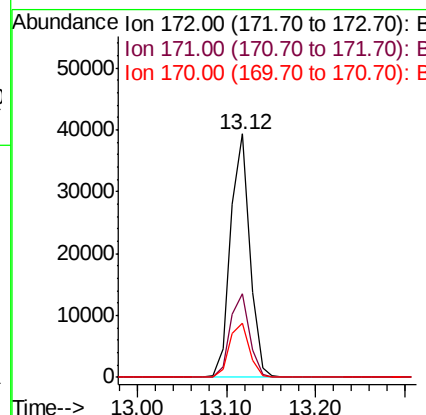
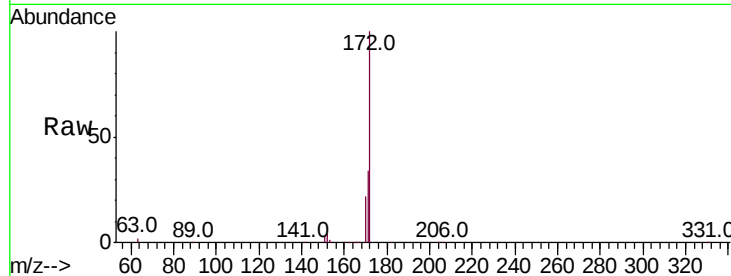




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003338.D
Acq: 29 Oct 2018 18:57

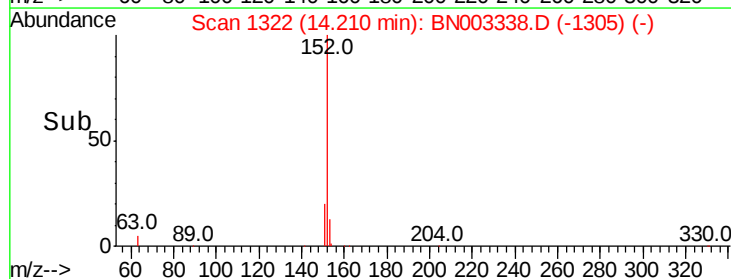
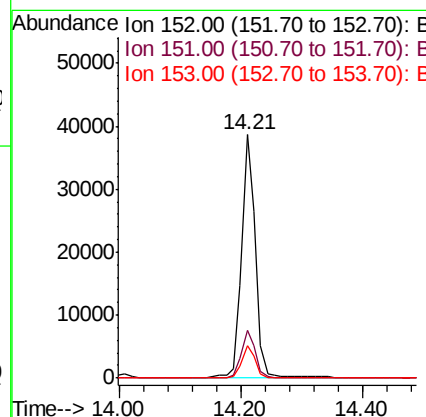
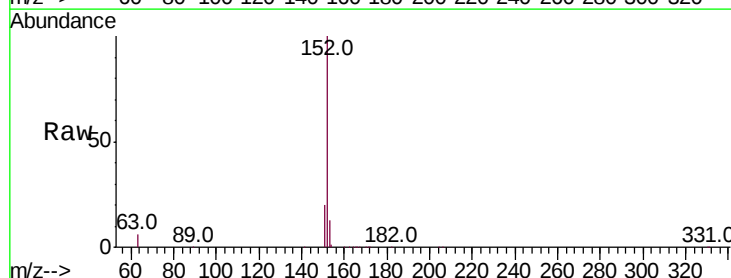
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

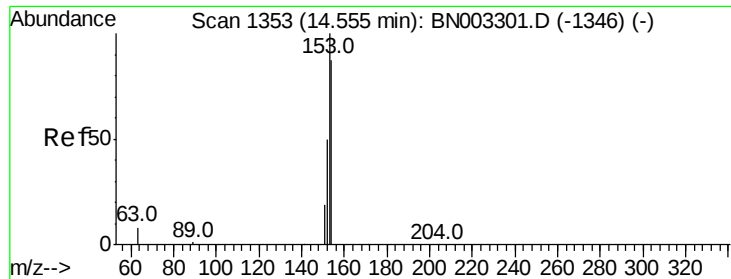
Tot Ion:172 Resp: 58496
Ion Ratio Lower Upper
172 100
171 34.3 27.1 40.7
170 22.3 17.4 26.0



#16
Acenaphthylene
Concen: 0.352 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003338.D
Acq: 29 Oct 2018 18:57

Tgt Ion:152 Resp: 59842
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.362 ng

RT: 14.56 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

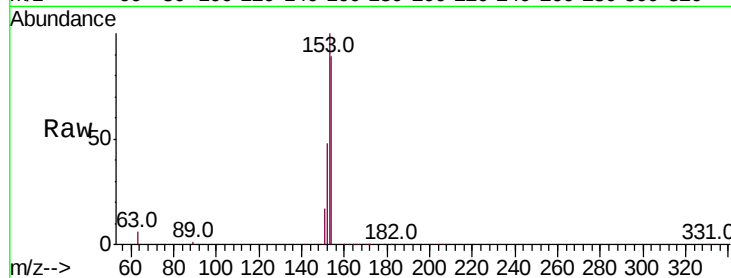
Tot Ion:154 Resp: 42591

Ion Ratio Lower Upper

154 100

153 111.8 88.9 133.3

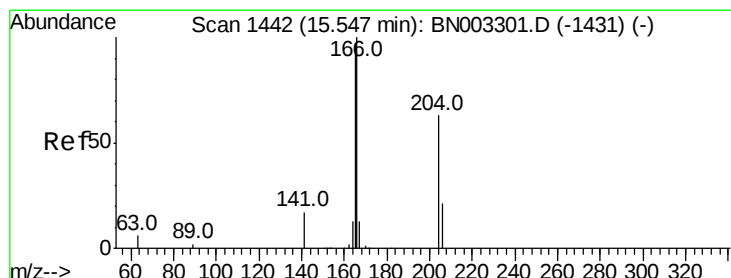
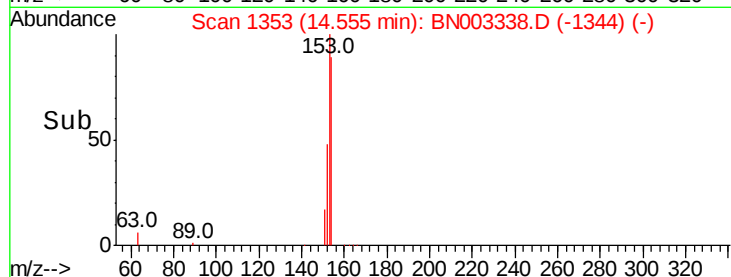
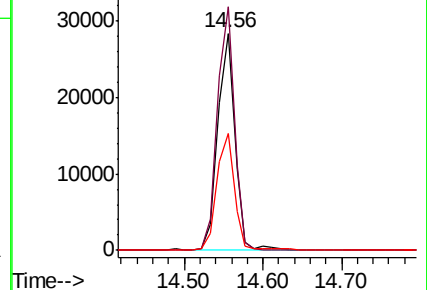
152 54.7 43.5 65.3



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: BN003338.D

Acq: 29 Oct 2018 18:57

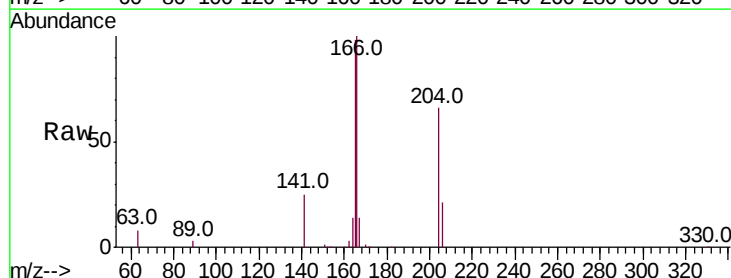
Tgt Ion:166 Resp: 51555

Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.8

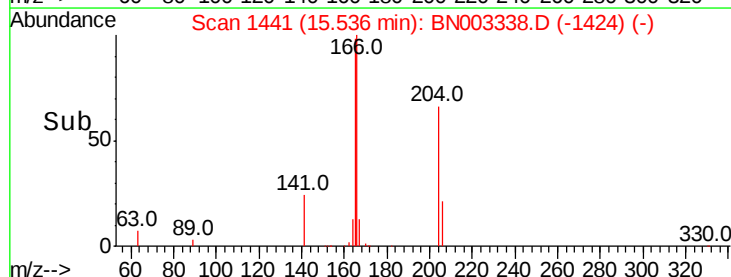
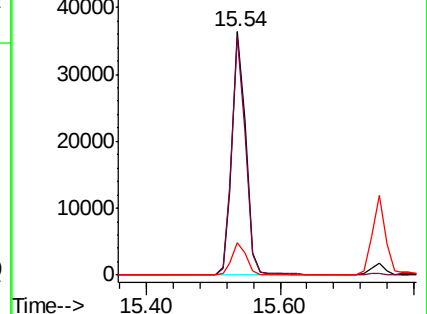
167 13.6 10.9 16.3

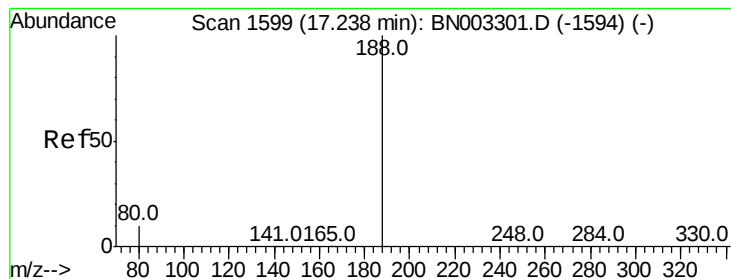


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

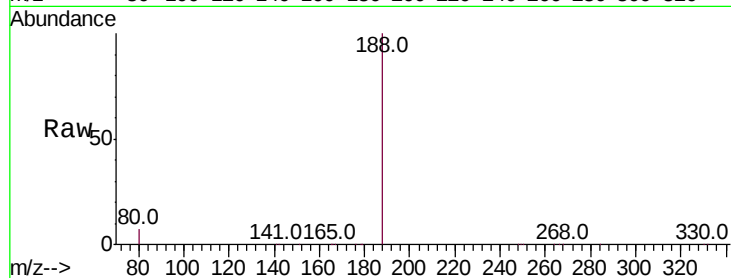
Tot Ion:188 Resp: 89870

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

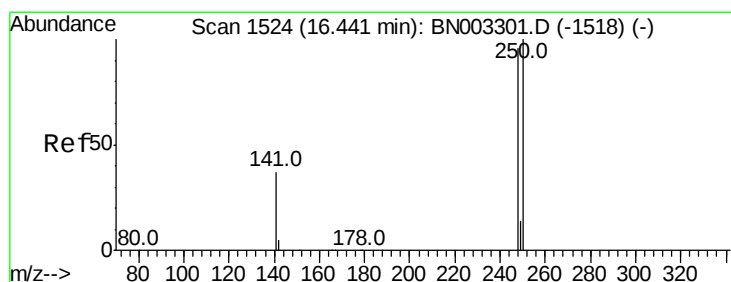
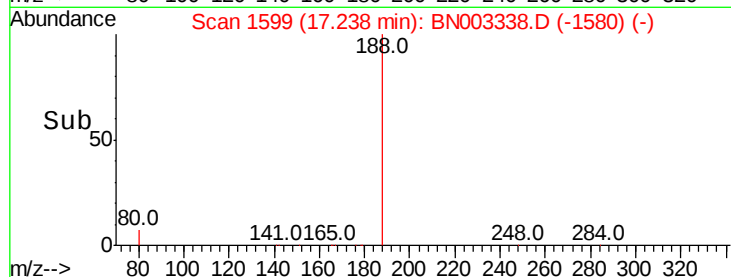
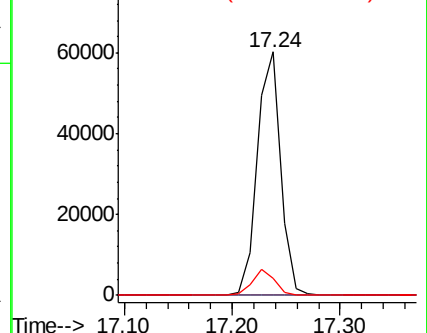
80 6.9 8.6 12.8#



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: 0.360 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

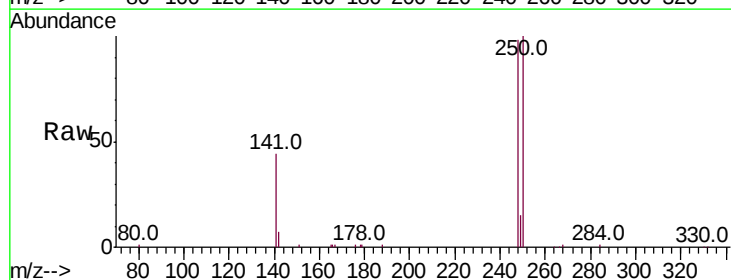
Tgt Ion:248 Resp: 18742

Ion Ratio Lower Upper

248 100

250 102.5 83.7 125.5

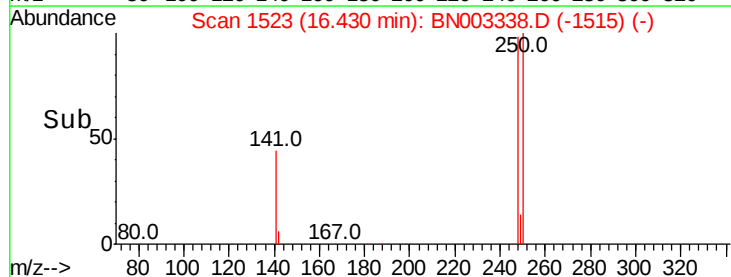
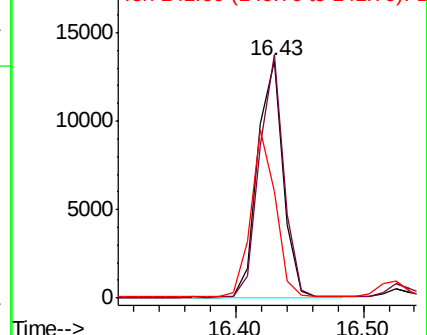
141 45.1 31.4 47.0

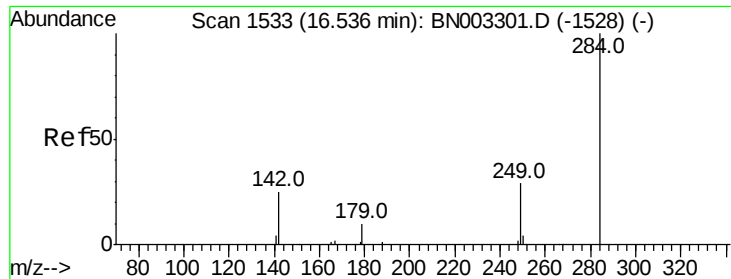


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.370 ng

RT: 16.53 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

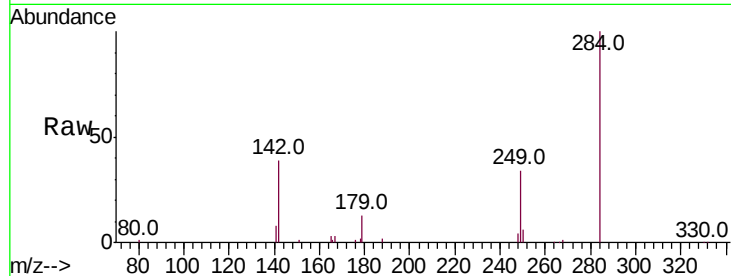
Tot Ion:284 Resp: 20310

Ion Ratio Lower Upper

284 100

142 35.7 29.7 44.5

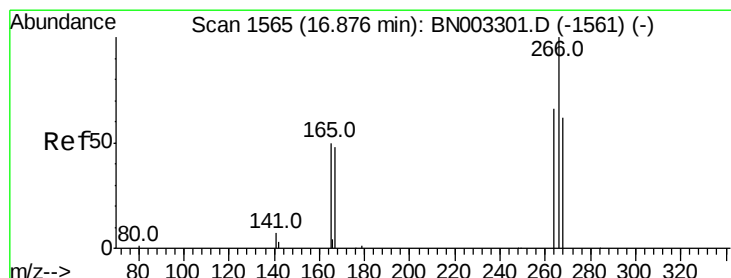
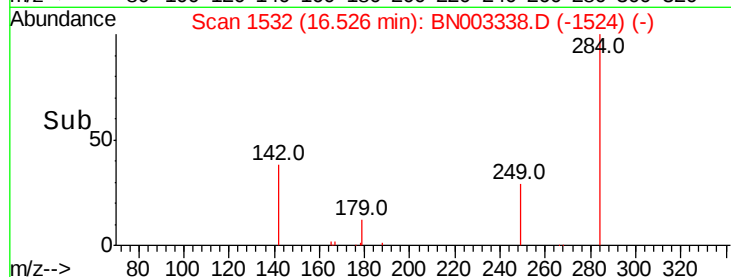
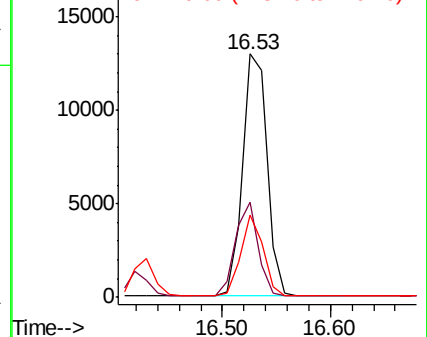
249 30.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.458 ng

RT: 16.88 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

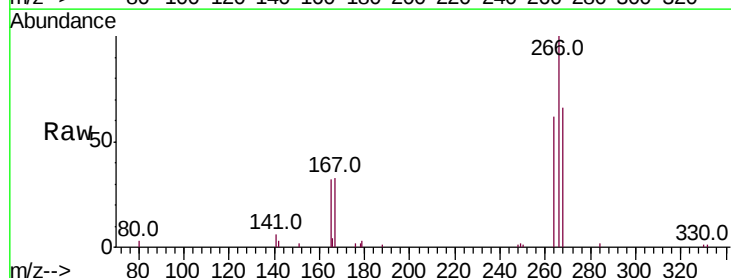
Tgt Ion:266 Resp: 6810

Ion Ratio Lower Upper

266 100

264 62.2 52.1 78.1

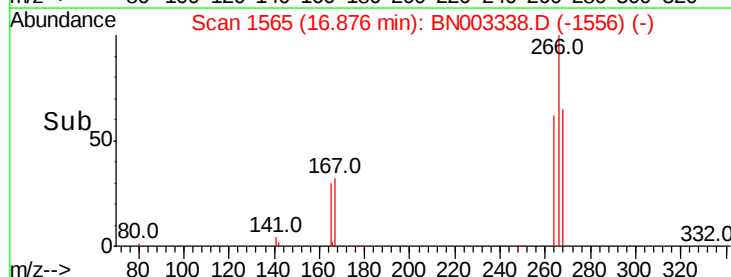
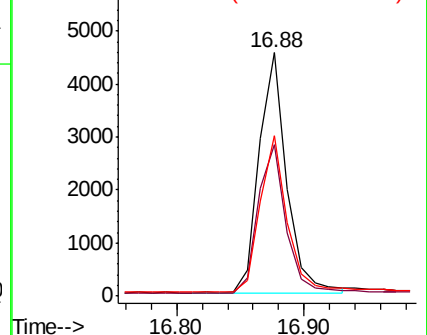
268 66.0 51.8 77.6

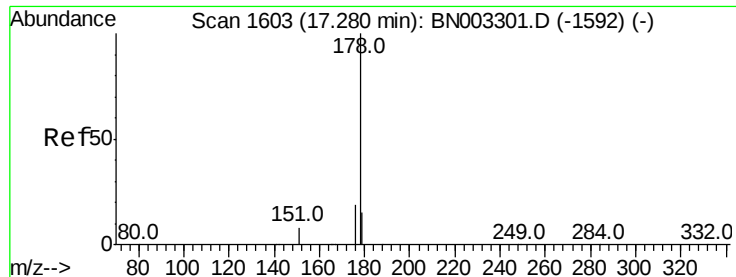


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

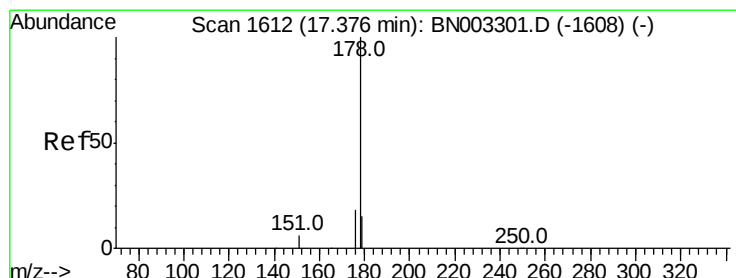
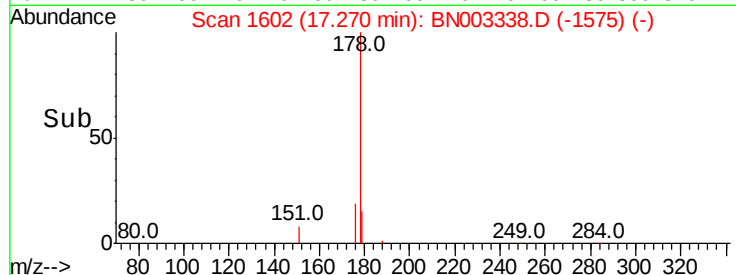
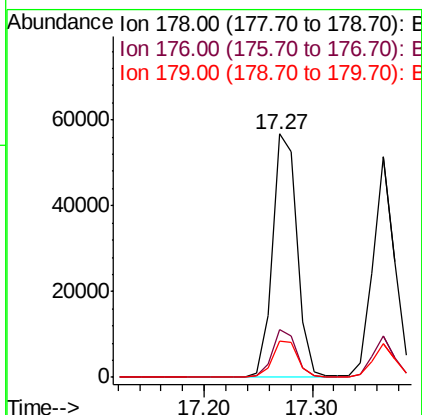
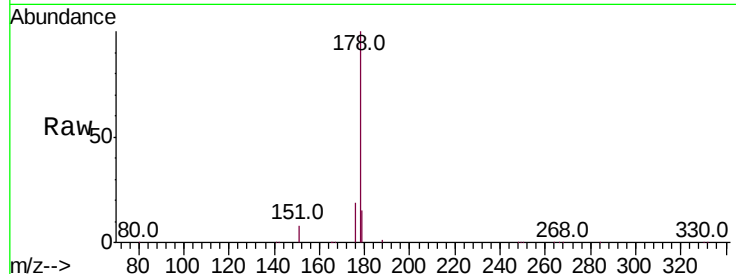




#23
Phenanthrene
Concen: 0.359 ng
RT: 17.27 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BN003338.D
Acq: 29 Oct 2018 18:57

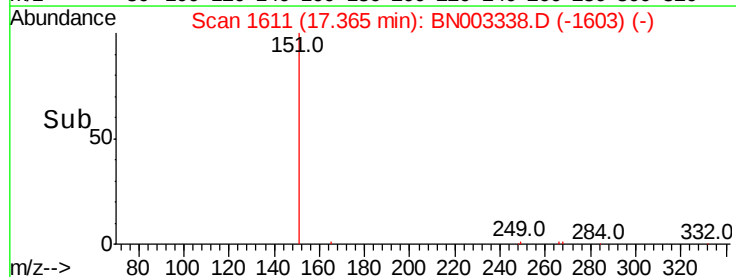
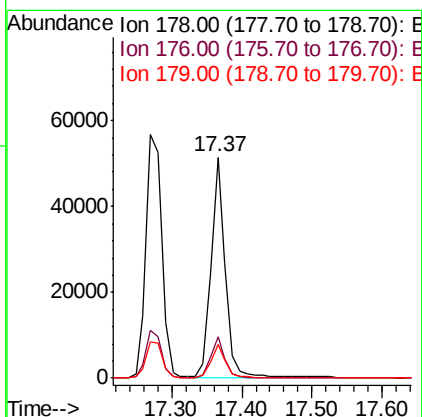
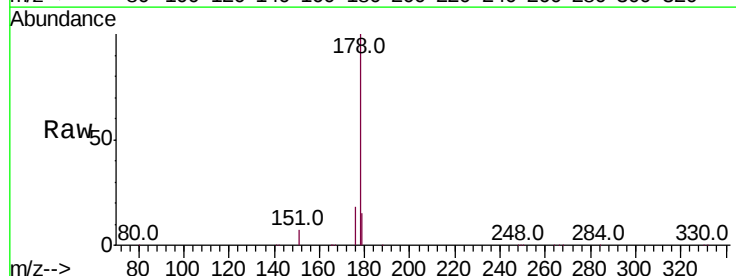
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

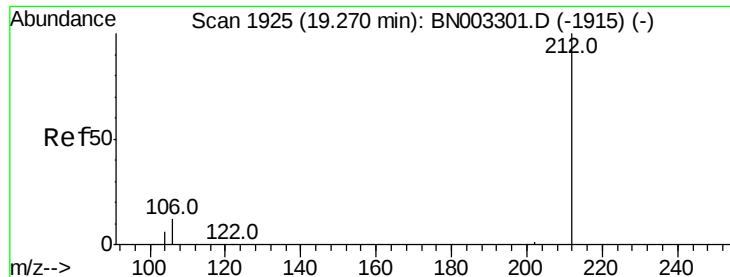
Tot Ion:178 Resp: 88443
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.3 12.4 18.6



#24
Anthracene
Concen: 0.343 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003338.D
Acq: 29 Oct 2018 18:57

Tgt Ion:178 Resp: 72458
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.4 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.344 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

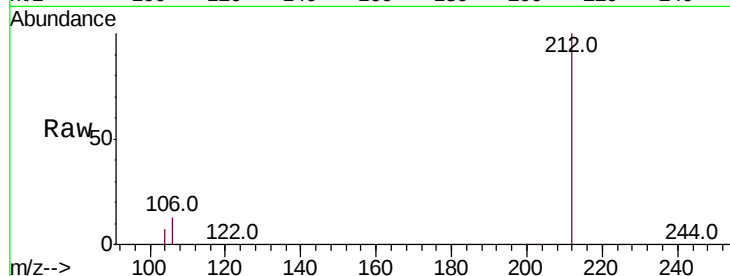
Tot Ion:212 Resp: 89777

Ion Ratio Lower Upper

212 100

106 12.7 10.3 15.5

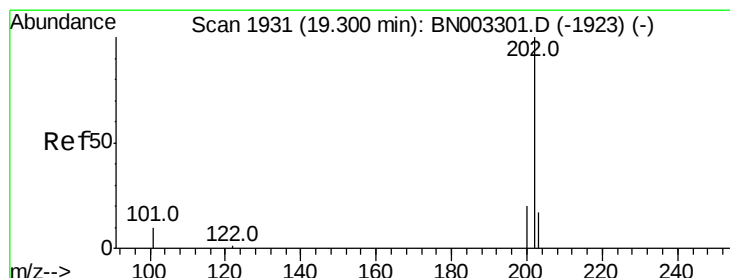
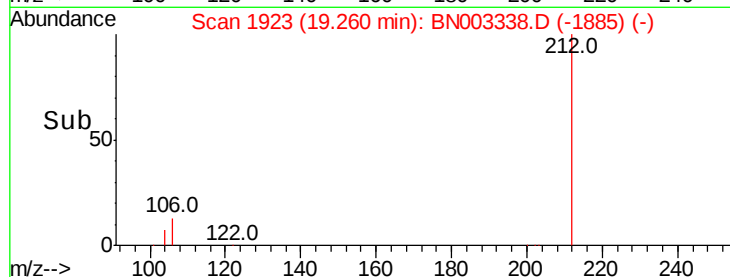
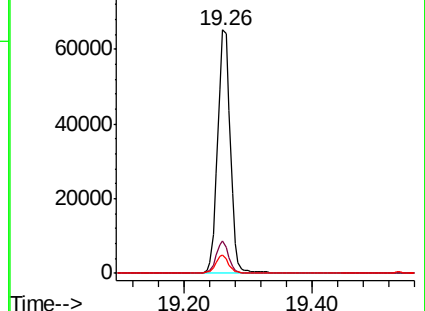
104 7.0 5.6 8.4



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: 0.343 ng

RT: 19.29 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

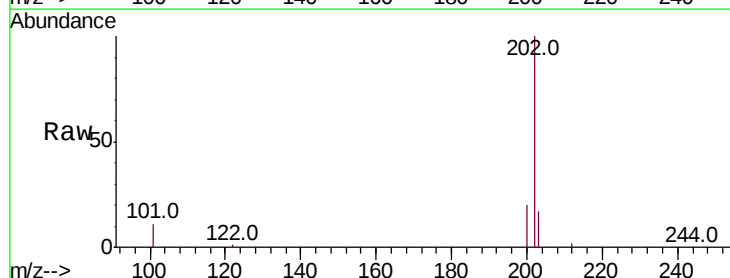
Tgt Ion:202 Resp: 97096

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

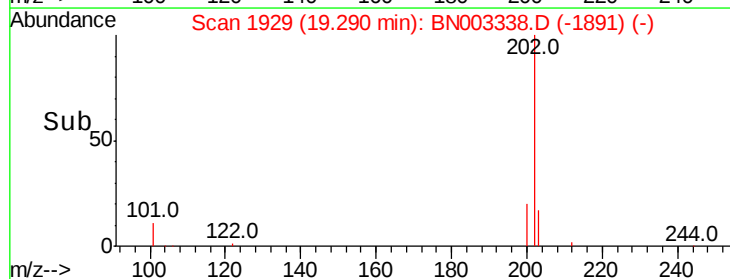
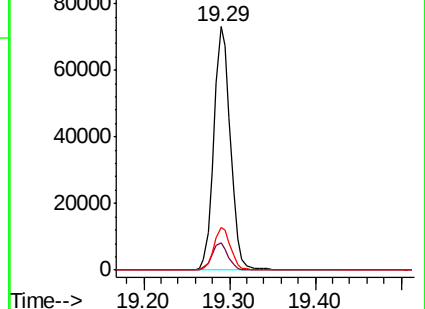
203 17.4 13.8 20.6

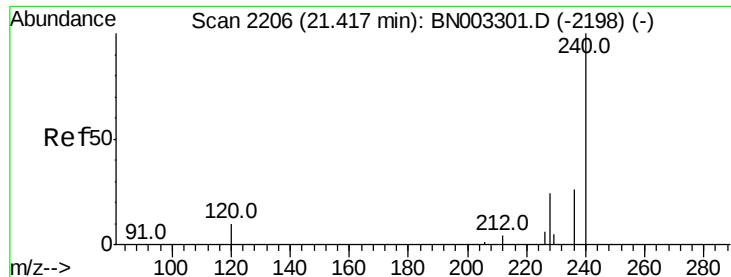


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

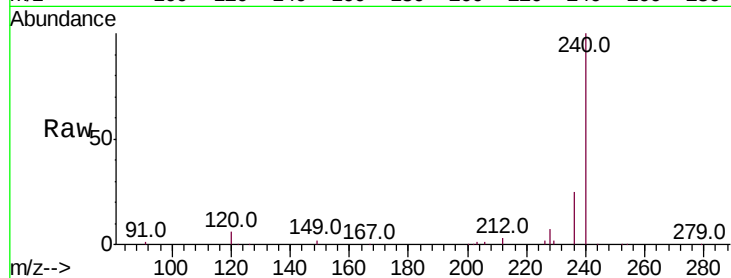
Tot Ion:240 Resp: 101167

Ion Ratio Lower Upper

240 100

120 6.1 9.3 13.9#

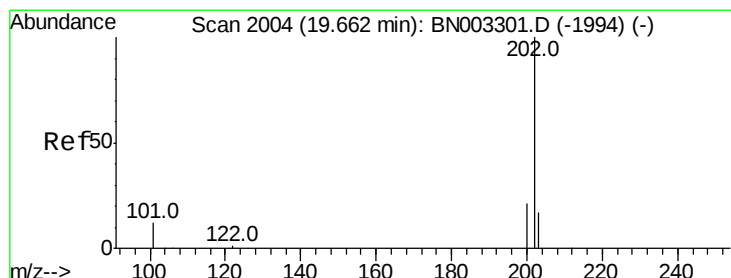
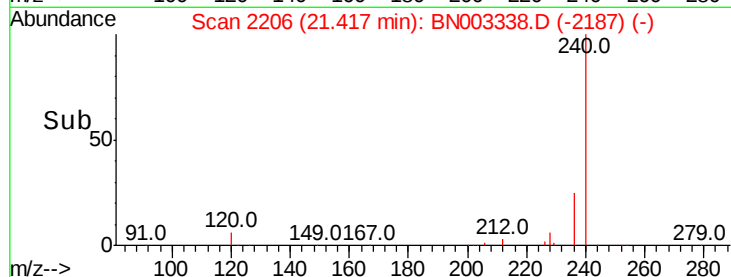
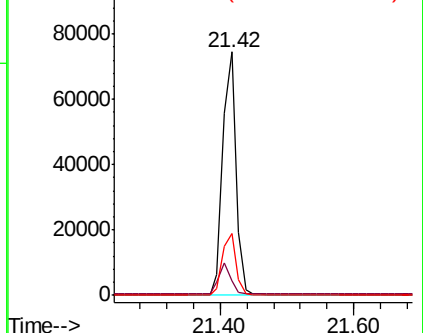
236 25.3 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.359 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

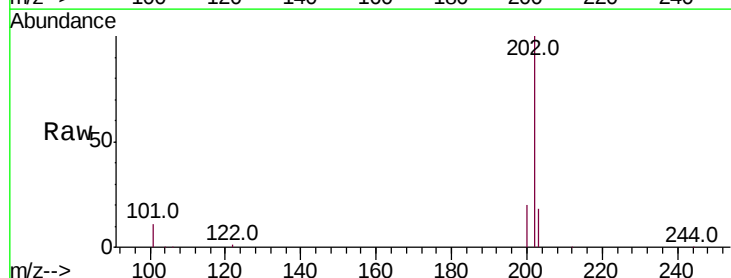
Tgt Ion:202 Resp: 100298

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

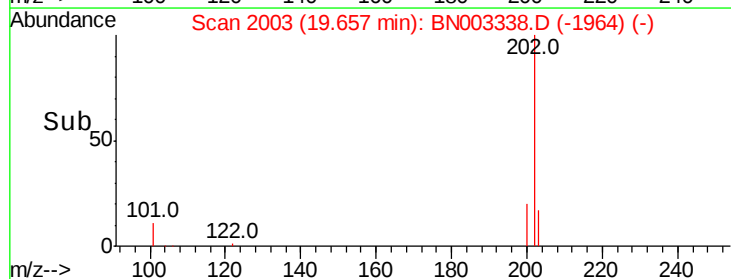
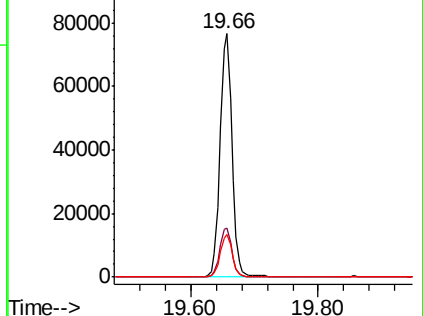
203 17.7 13.9 20.9

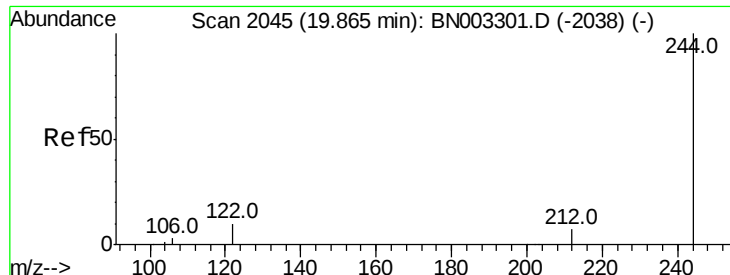


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.349 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

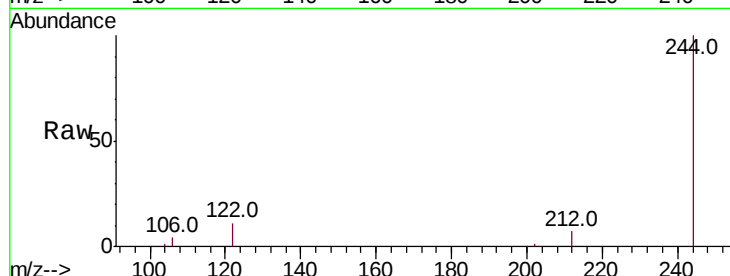
Tot Ion:244 Resp: 82120

Ion Ratio Lower Upper

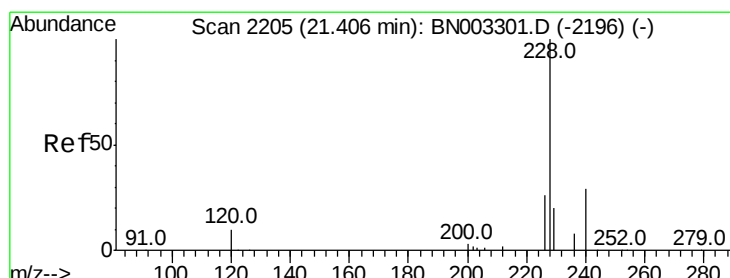
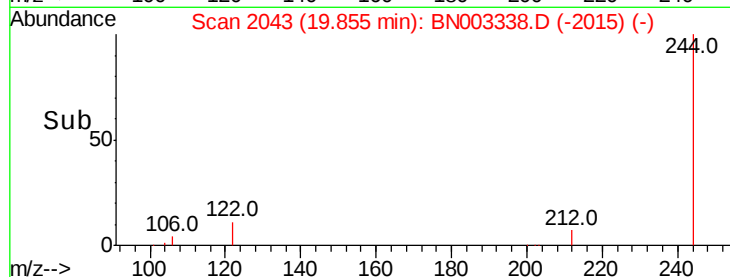
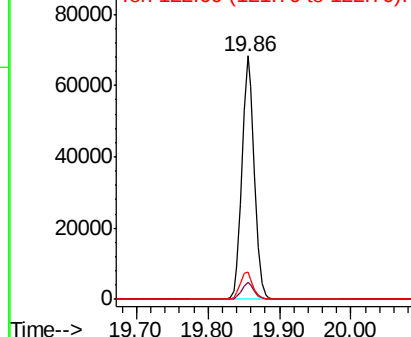
244 100

212 6.9 5.6 8.4

122 11.2 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: 0.361 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

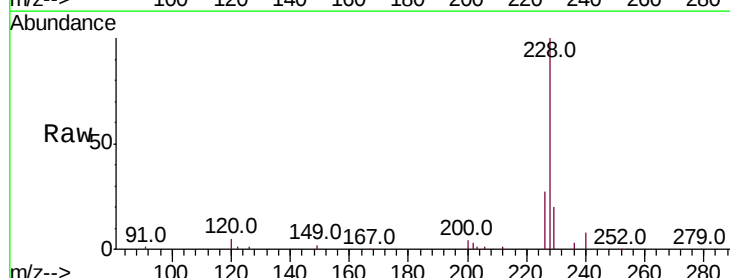
Tgt Ion:228 Resp: 95767

Ion Ratio Lower Upper

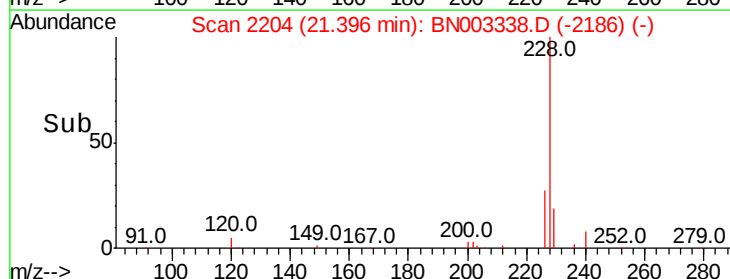
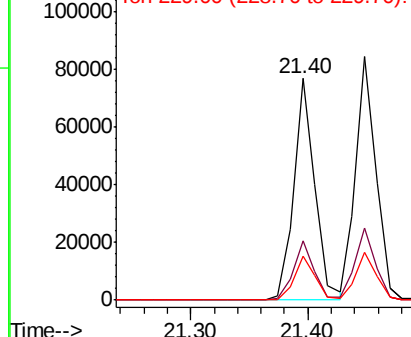
228 100

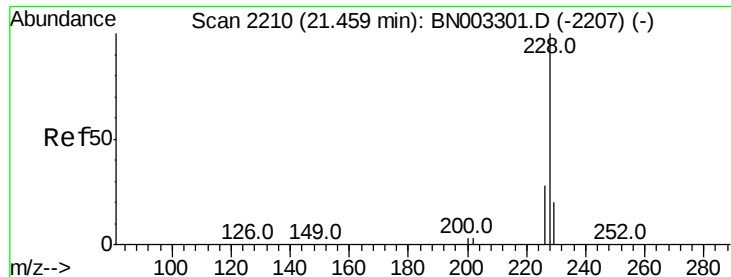
226 27.0 20.8 31.2

229 19.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.353 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

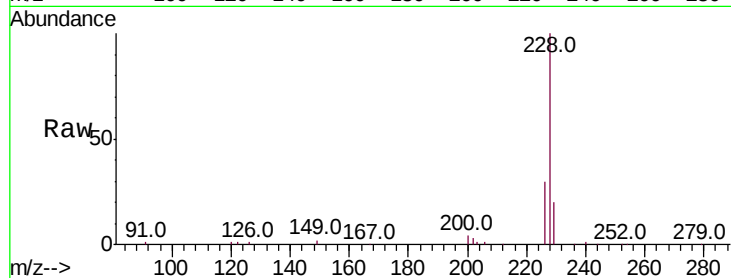
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 101025

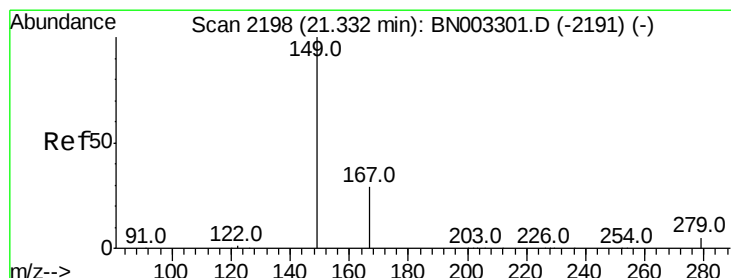
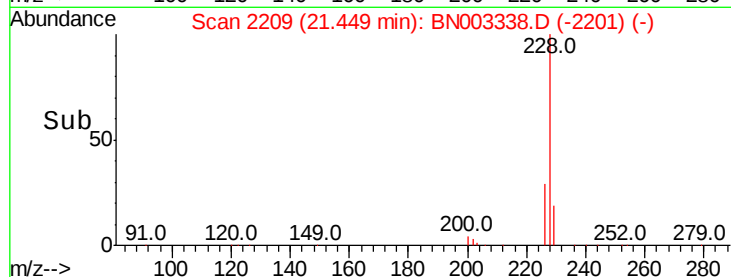
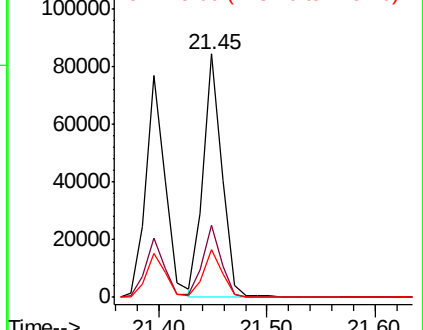
Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	19.5	16.0	24.0



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: 0.400 ng

RT: 21.31 min Scan# 2196

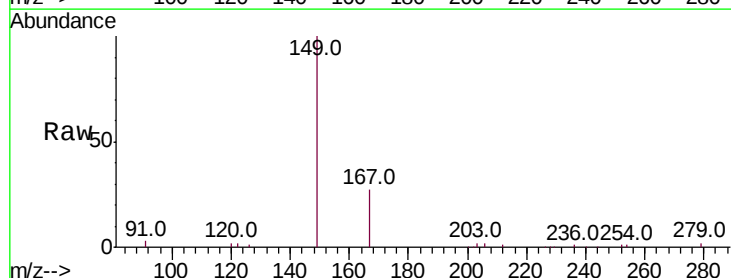
Delta R.T. -0.02 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Tgt Ion:149 Resp: 31384

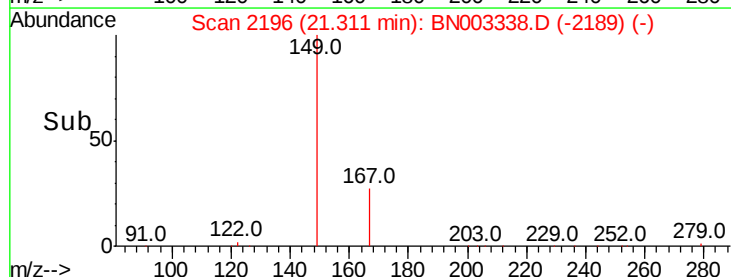
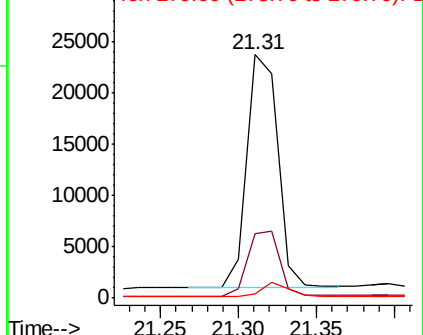
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.4	33.6
279	5.2	3.9	5.9

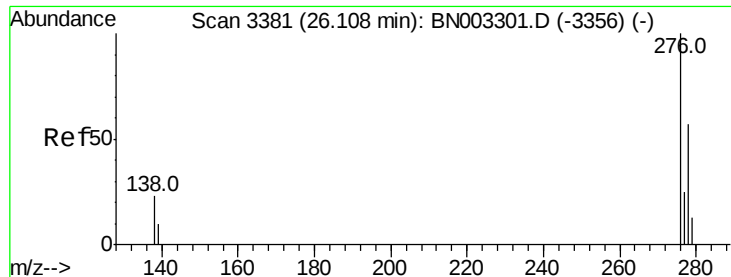


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.321 ng

RT: 26.09 min Scan# 3376

Delta R.T. -0.02 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

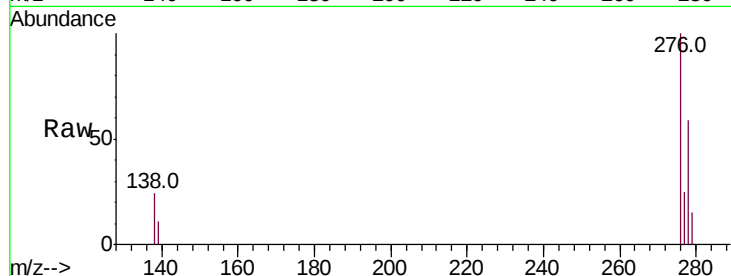
Tot Ion:276 Resp: 94967

Ion Ratio Lower Upper

276 100

138 24.0 20.6 30.8

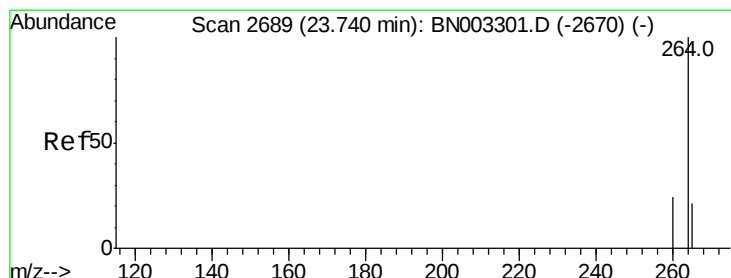
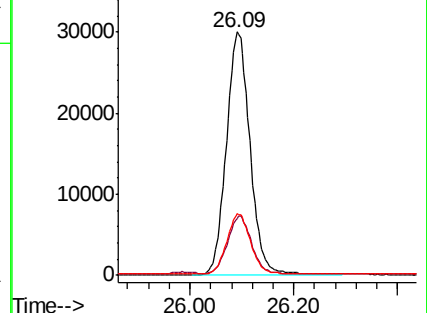
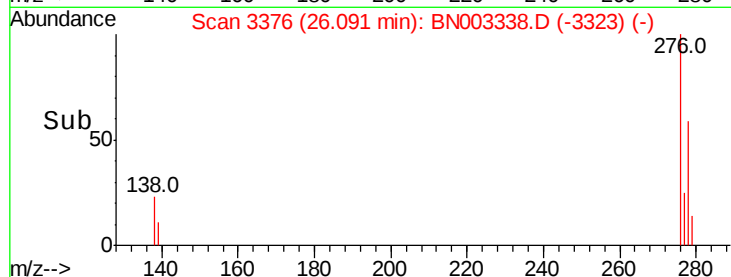
277 25.0 20.0 30.0



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: 23.73 min Scan# 2687

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

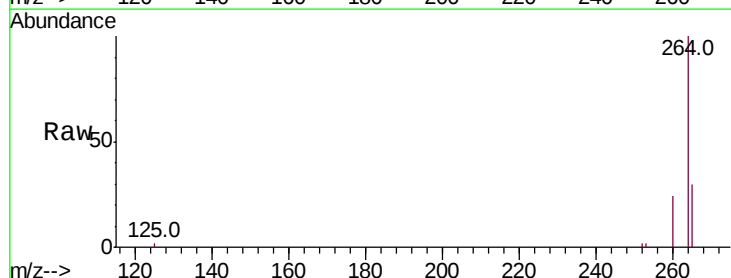
Tgt Ion:264 Resp: 91723

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

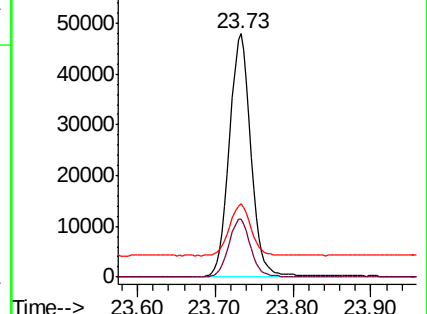
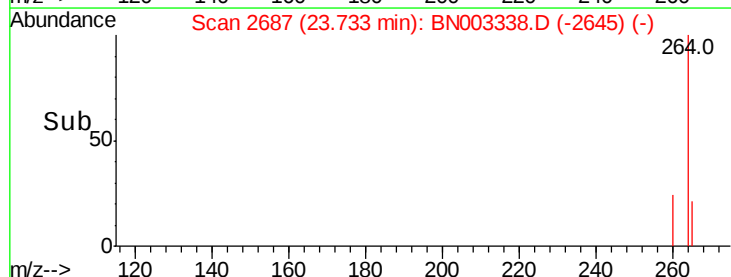
265 30.1 26.4 39.6

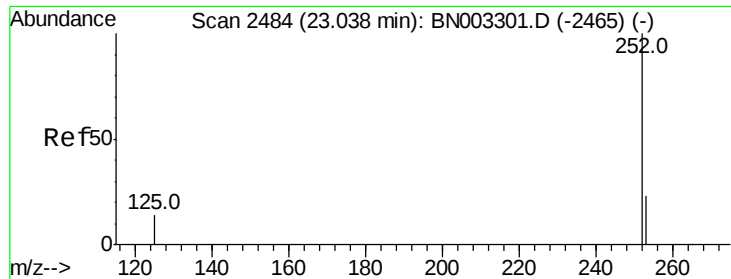


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

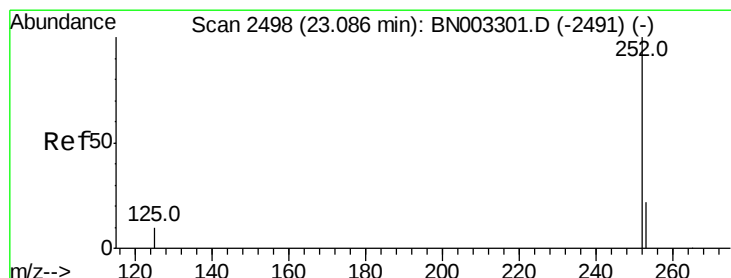
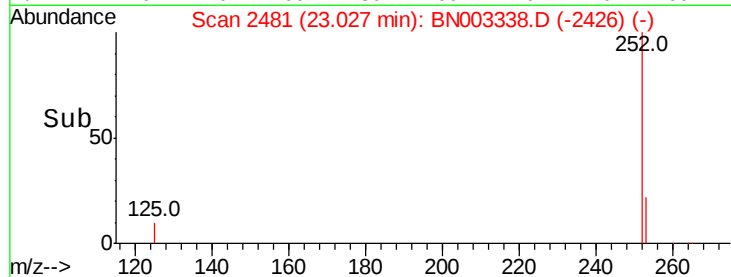
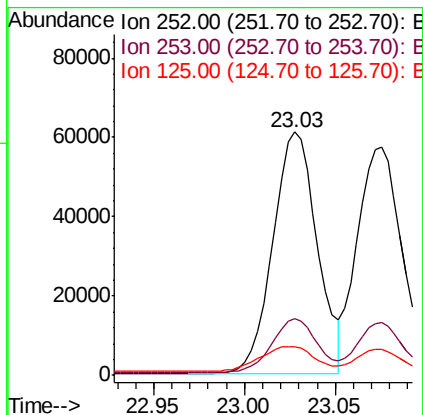
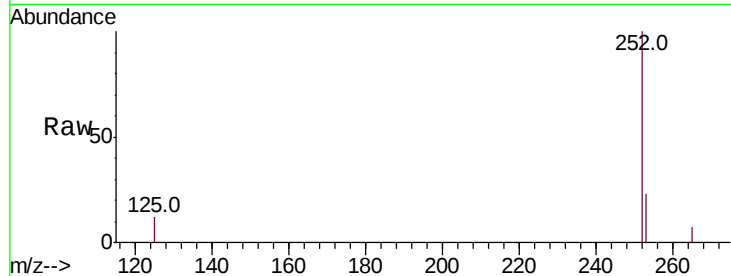




#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 23.03 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BN003338.D
Acq: 29 Oct 2018 18:57

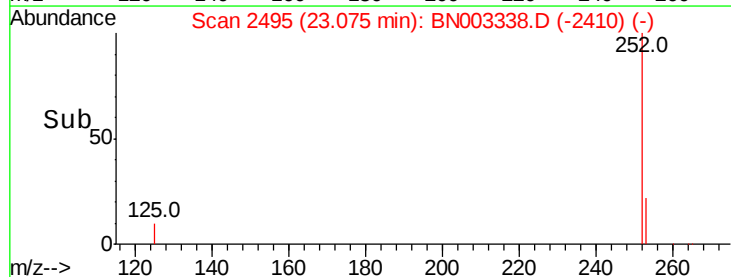
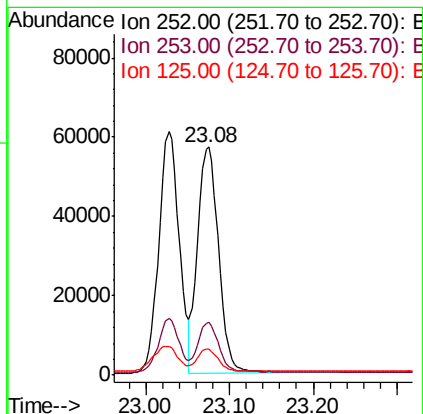
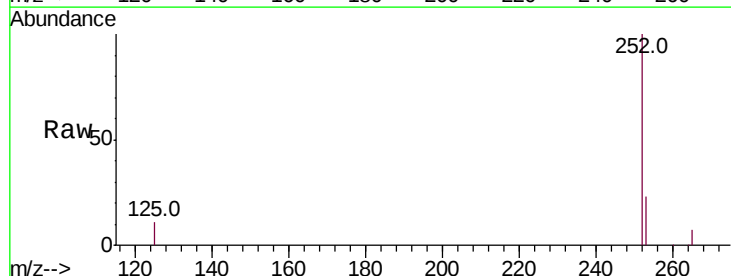
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

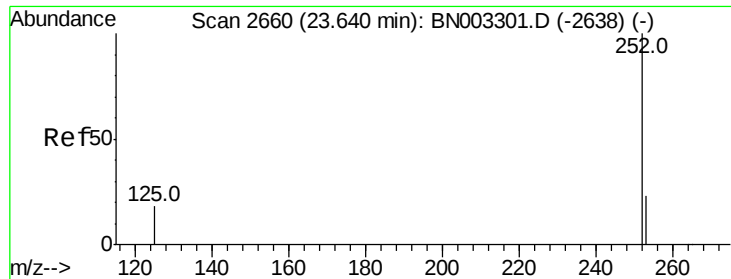
Tot Ion:252 Resp: 102867
Ion Ratio Lower Upper
252 100
253 23.3 19.3 28.9
125 11.7 12.7 19.1#



#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 23.08 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN003338.D
Acq: 29 Oct 2018 18:57

Tgt Ion:252 Resp: 99354
Ion Ratio Lower Upper
252 100
253 23.2 18.5 27.7
125 11.2 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.356 ng

RT: 23.63 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

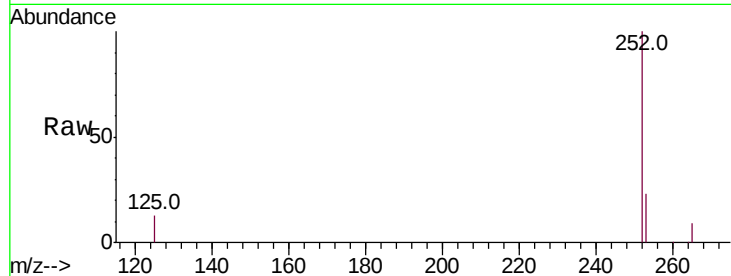
Tot Ion:252 Resp: 92644

Ion Ratio Lower Upper

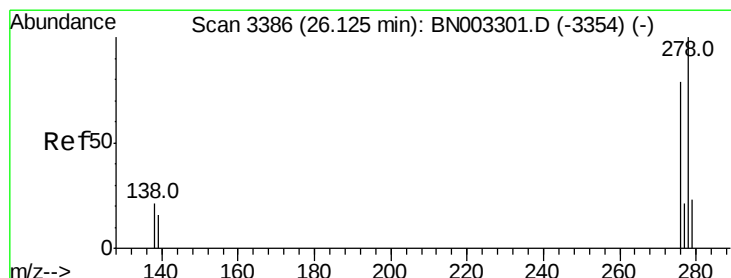
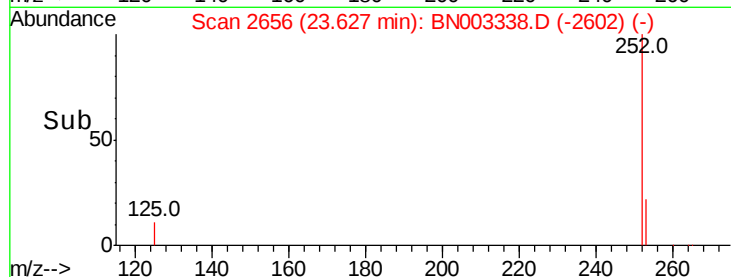
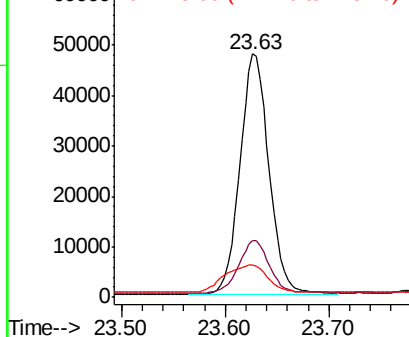
252 100

253 23.5 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: 0.325 ng

RT: 26.11 min Scan# 3381

Delta R.T. -0.02 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

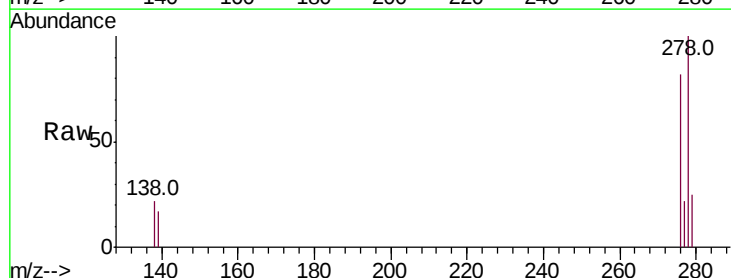
Tgt Ion:278 Resp: 78848

Ion Ratio Lower Upper

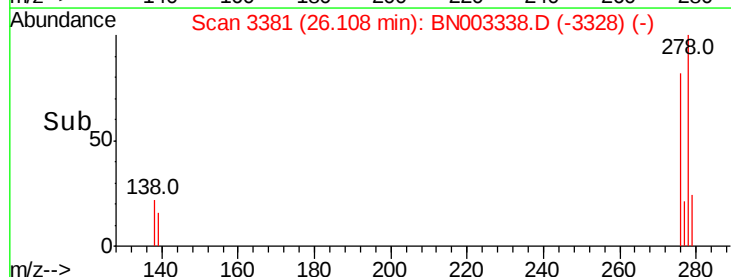
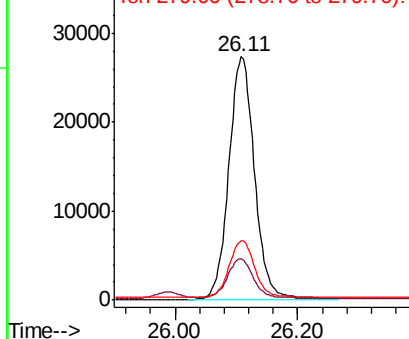
278 100

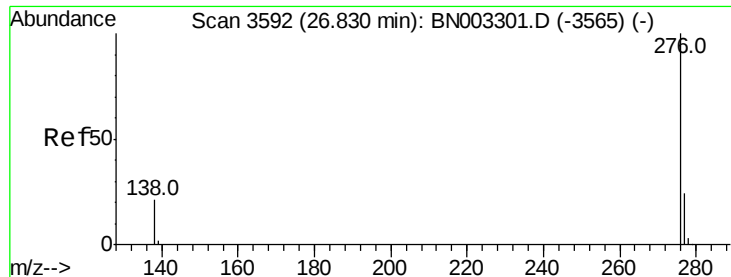
139 16.9 13.5 20.3

279 24.6 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: 0.315 ng

RT: 26.82 min Scan# 3588

Delta R.T. -0.01 min

Lab File: BN003338.D

Acq: 29 Oct 2018 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

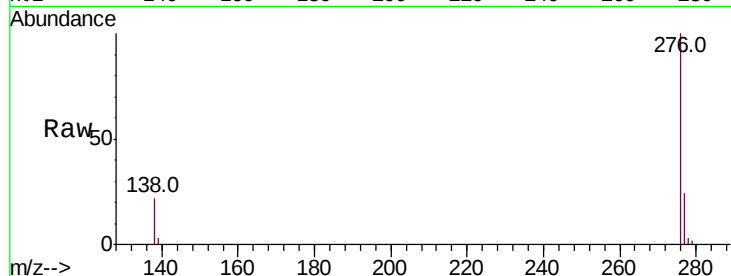
Tot Ion:276 Resp: 76472

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 21.7 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

