

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003307.D
 Acq On : 26 Oct 2018 16:32
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 27 00:41:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 26 15:17:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	12683	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	52188	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	29877	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	71771	0.40	ng	0.00
27) Chrysene-d12	21.42	240	84074	0.40	ng	0.00
34) Perylene-d12	23.74	264	79751	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	11615	0.37	ng	0.00
5) Phenol-d6	7.02	99	14575	0.37	ng	0.00
8) Nitrobenzene-d5	9.02	82	9060	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	32410	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	3956	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	49286	0.38	ng	-0.01
25) Fluoranthene-d10	19.27	212	77406	0.37	ng	0.00
29) Terphenyl-d14	19.87	244	71391	0.37	ng	0.00

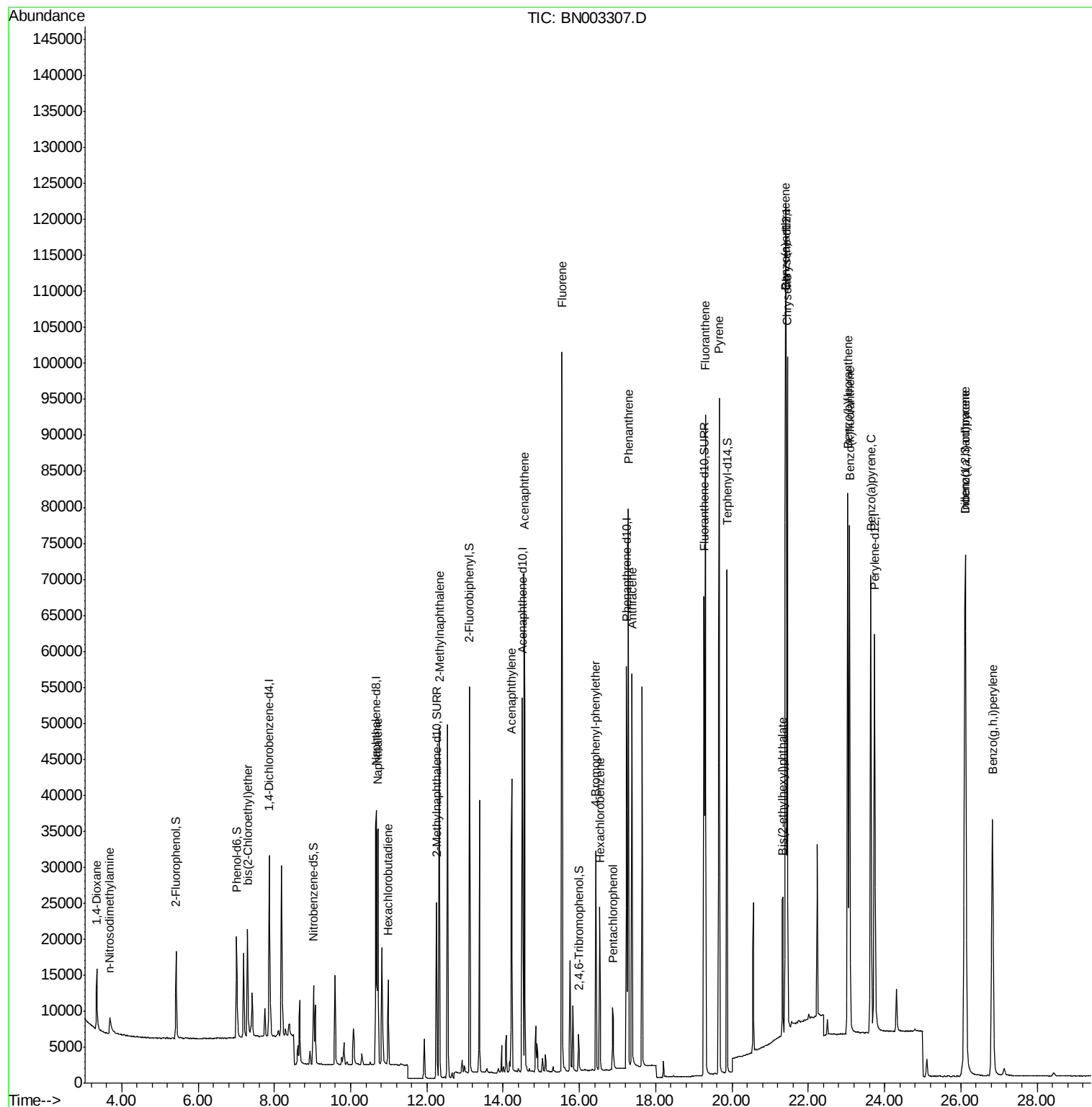
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	6024	0.367	ng	99
3) n-Nitrosodimethylamine	3.69	42	2626	0.347	ng	# 97
6) bis(2-Chloroethyl)ether	7.30	93	13764	0.389	ng	99
9) Naphthalene	10.72	128	49538	0.388	ng	100
10) Hexachlorobutadiene	10.99	225	9209	0.395	ng	# 100
12) 2-Methylnaphthalene	12.32	142	34188	0.383	ng	99
16) Acenaphthylene	14.22	152	47635	0.358	ng	100
17) Acenaphthene	14.56	154	35537	0.385	ng	100
18) Fluorene	15.55	166	43769	0.379	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	15854	0.381	ng	# 72
21) Hexachlorobenzene	16.54	284	17220	0.393	ng	99
22) Pentachlorophenol	16.88	266	4610	0.388	ng	98
23) Phenanthrene	17.28	178	75840	0.385	ng	100
24) Anthracene	17.38	178	60523	0.358	ng	100
26) Fluoranthene	19.30	202	84394	0.373	ng	100
28) Pyrene	19.66	202	86028	0.370	ng	100
30) Benzo(a)anthracene	21.41	228	76271	0.346	ng	100
31) Chrysene	21.46	228	90098	0.379	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	20843	0.320	ng	100
33) Indeno(1,2,3-cd)pyrene	26.10	276	98218	0.399	ng	100
35) Benzo(b)fluoranthene	23.04	252	92782	0.378	ng	99
36) Benzo(k)fluoranthene	23.08	252	93598	0.380	ng	100
37) Benzo(a)pyrene	23.64	252	86624	0.383	ng	99
38) Dibenzo(a,h)anthracene	26.13	278	79737	0.378	ng	100
39) Benzo(g,h,i)perylene	26.83	276	79329	0.376	ng	100

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

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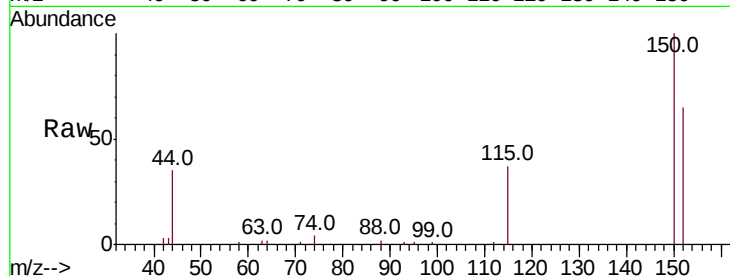


#1

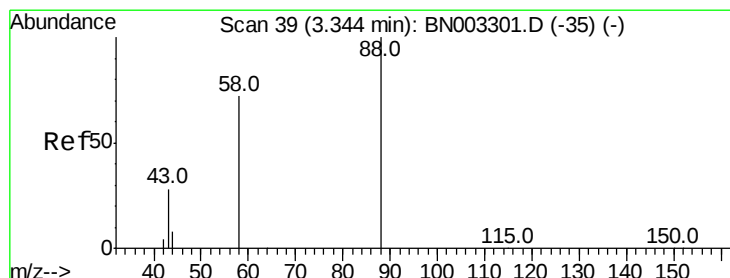
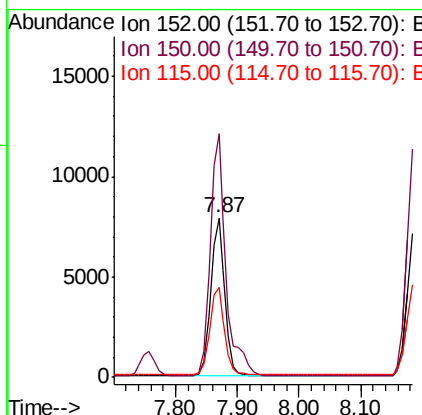
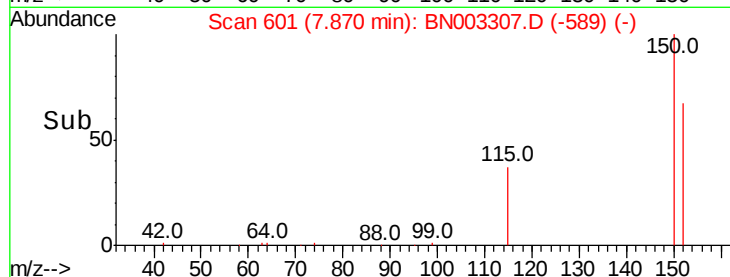
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. -0.00 min
Lab File: BN003307.D
Acq: 26 Oct 2018 16:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 12683
Ion Ratio Lower Upper
152 100
150 153.0 124.6 187.0
115 57.0 46.4 69.6



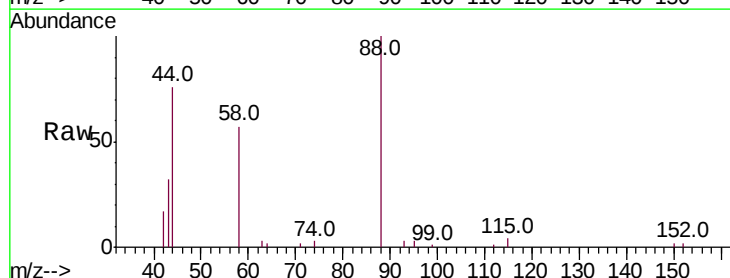
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



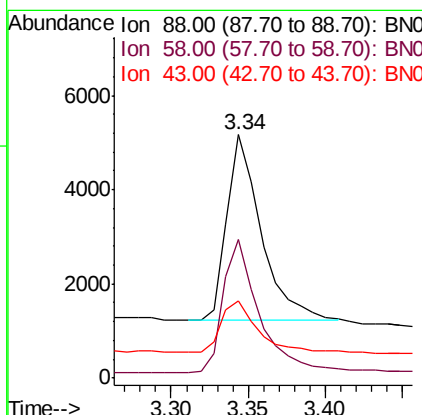
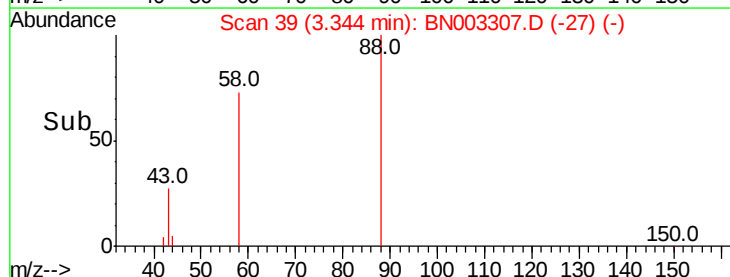
#2

1,4-Dioxane
Concen: 0.367 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN003307.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 88 Resp: 6024
Ion Ratio Lower Upper
88 100
58 76.5 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: 0.347 ng

RT: 3.69 min Scan# 82

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

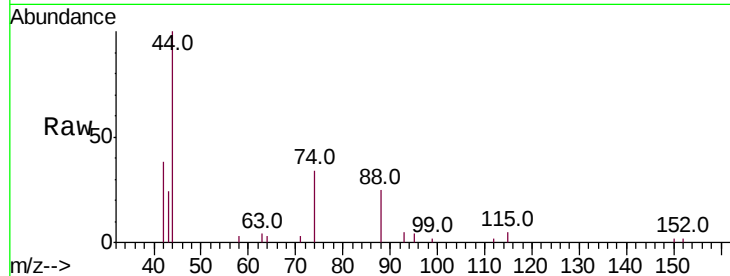
Tot Ion: 42 Resp: 2626

Ion Ratio Lower Upper

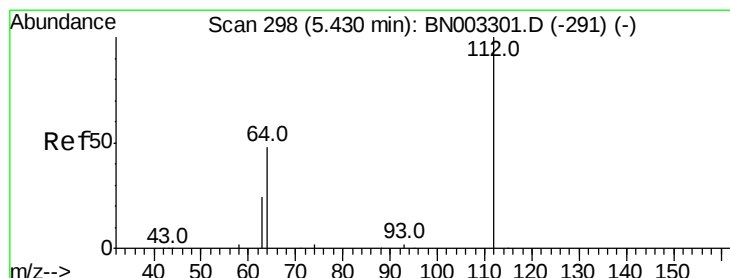
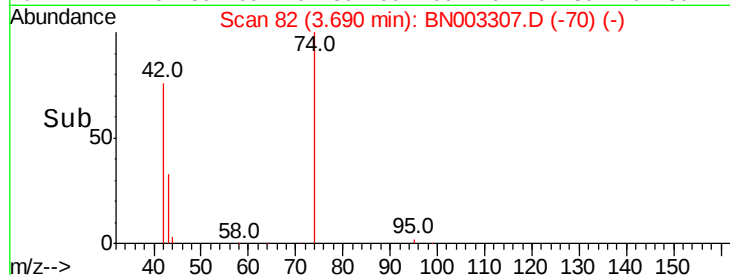
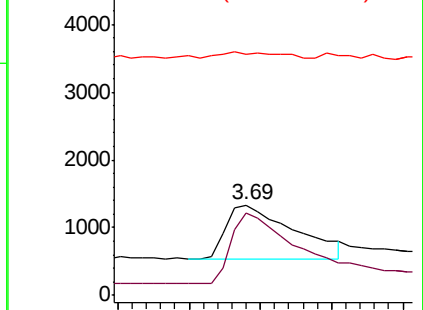
42 100

74 126.9 99.1 148.7

44 9.2 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: 0.370 ng

RT: 5.43 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

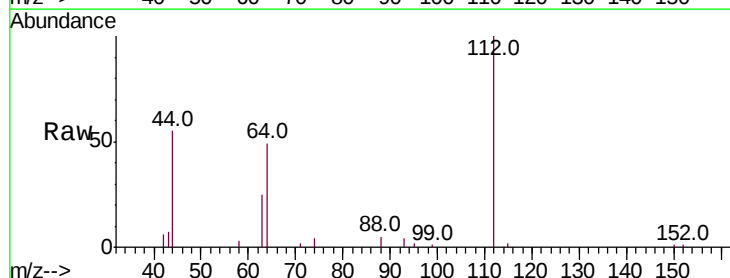
Tgt Ion: 112 Resp: 11615

Ion Ratio Lower Upper

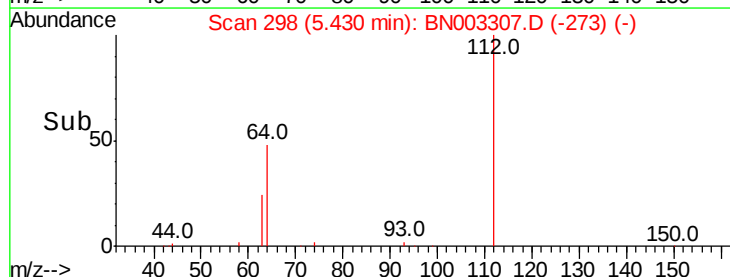
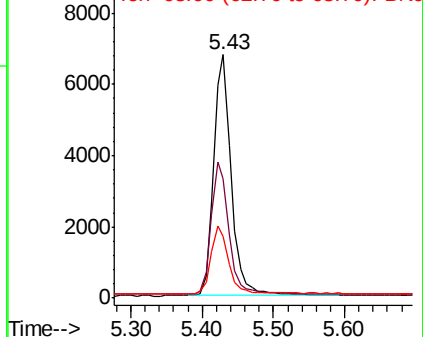
112 100

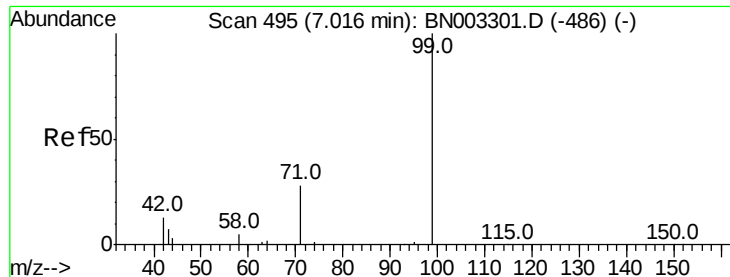
64 54.8 44.3 66.5

63 28.3 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: 0.368 ng

RT: 7.02 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

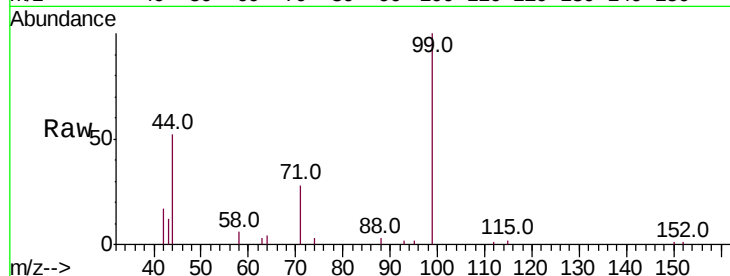
Tot Ion: 99 Resp: 14575

Ion Ratio Lower Upper

99 100

42 18.9 14.8 22.2

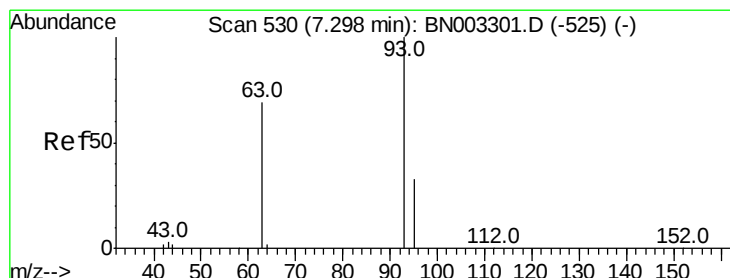
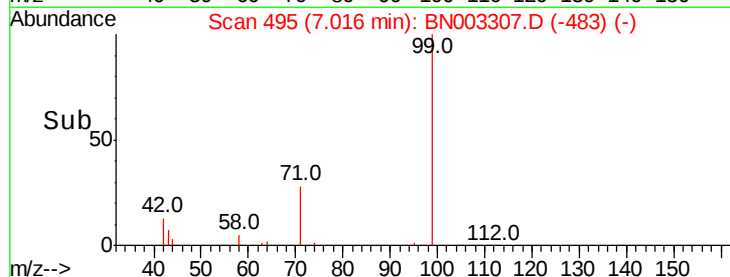
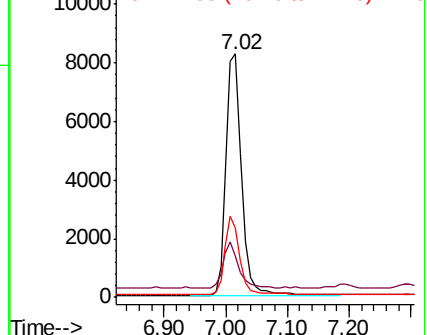
71 31.0 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003307.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BN003307.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BN003307.D (-505) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.389 ng

RT: 7.30 min Scan# 530

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

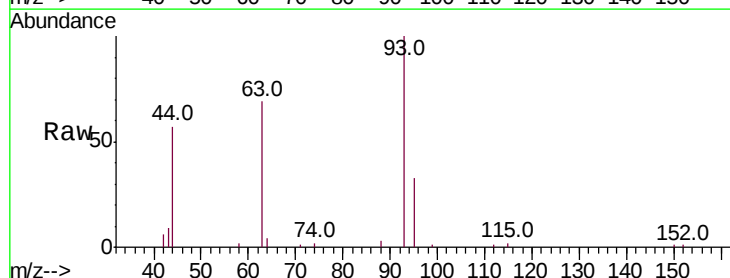
Tgt Ion: 93 Resp: 13764

Ion Ratio Lower Upper

93 100

63 70.2 55.8 83.6

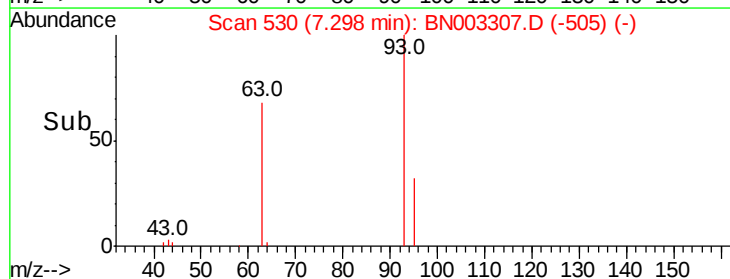
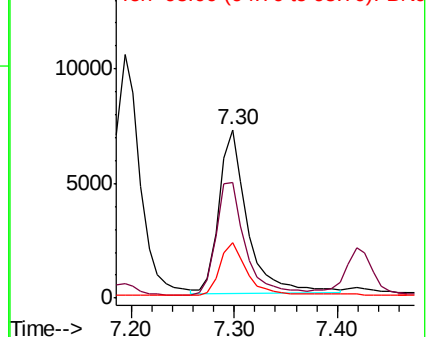
95 33.4 25.4 38.2

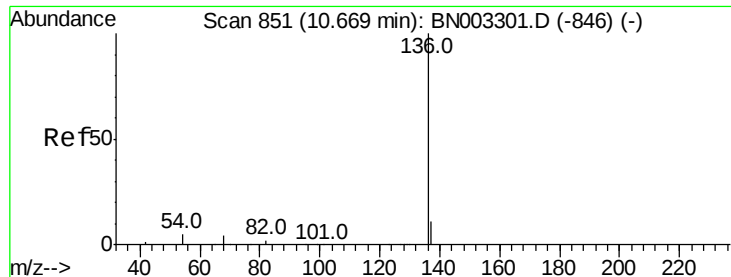


Abundance Ion 93.00 (92.70 to 93.70): BN003307.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN003307.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN003307.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 52188

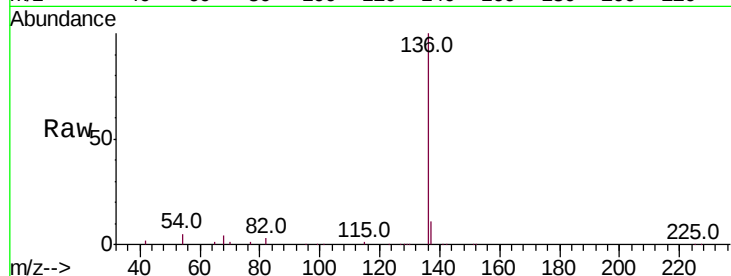
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 4.9 4.1 6.1

68 4.2 3.5 5.3

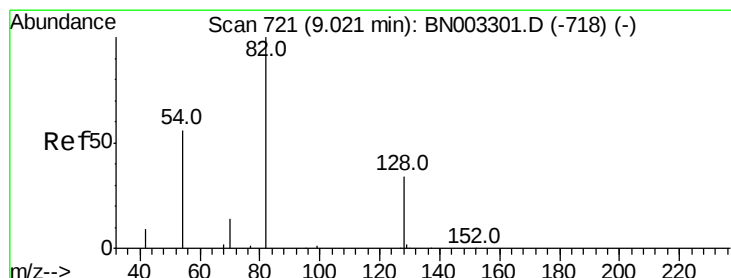
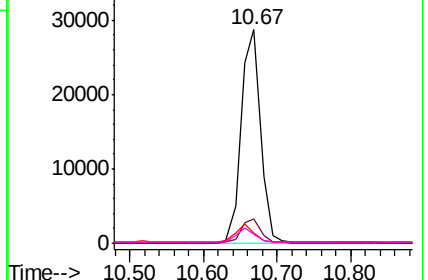
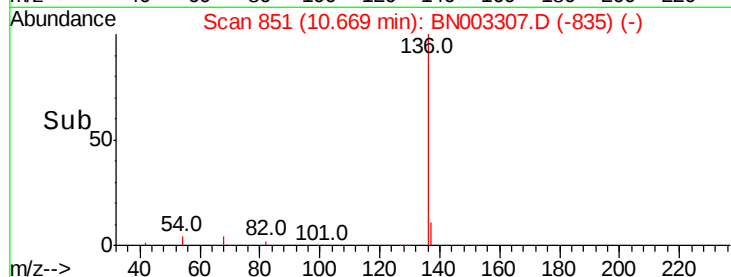


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.396 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

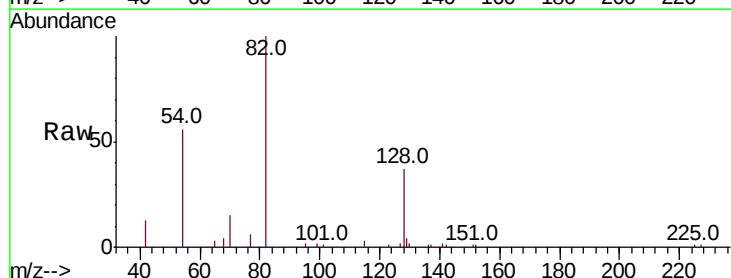
Tgt Ion: 82 Resp: 9060

Ion Ratio Lower Upper

82 100

128 36.8 28.9 43.3

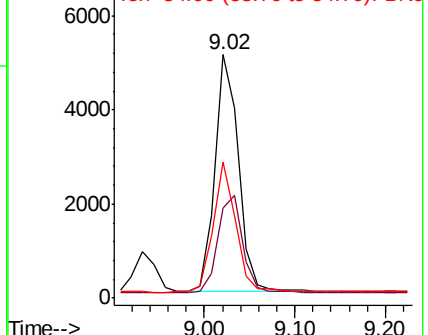
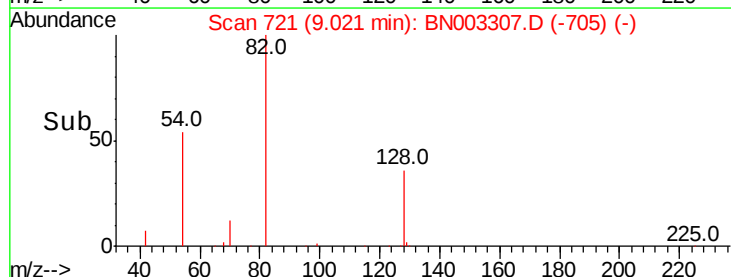
54 55.6 46.1 69.1

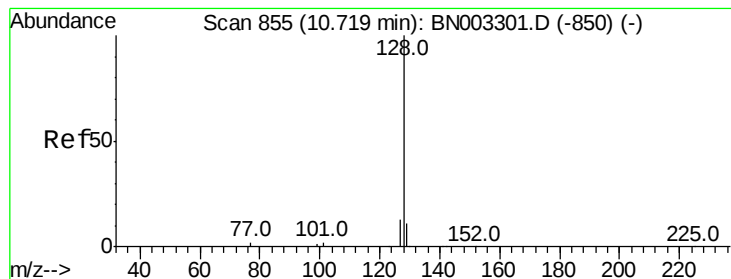


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.388 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

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ClientSampleId :

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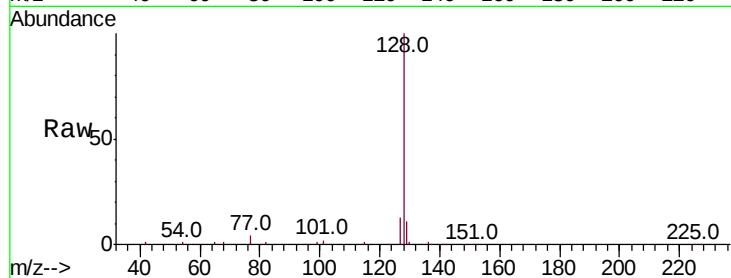
Tot Ion:128 Resp: 49538

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

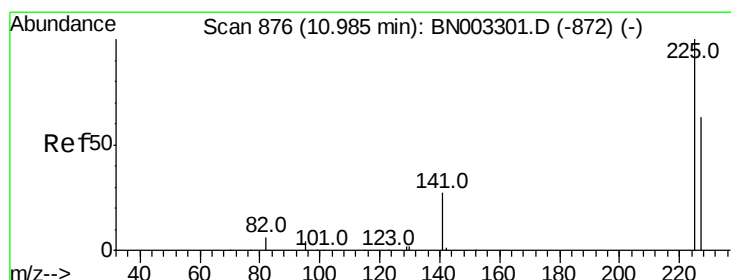
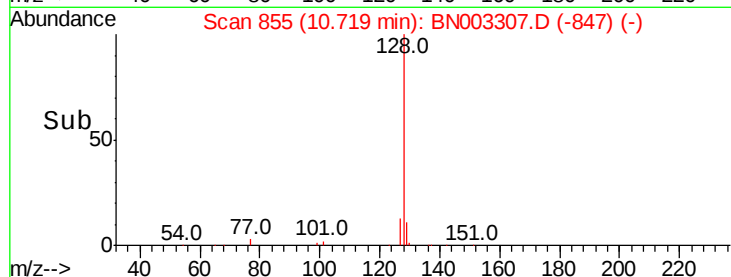
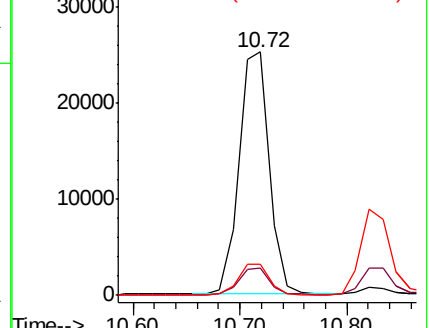
127 12.8 10.2 15.4



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: 0.395 ng

RT: 10.99 min Scan# 876

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

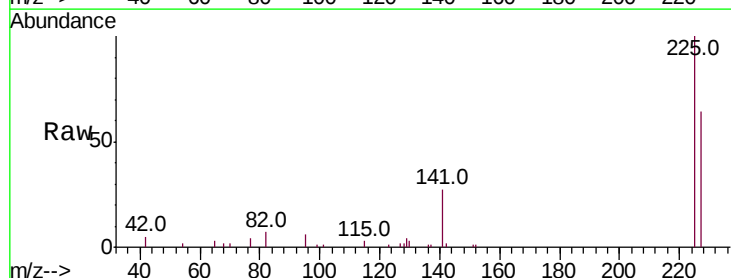
Tgt Ion:225 Resp: 9209

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

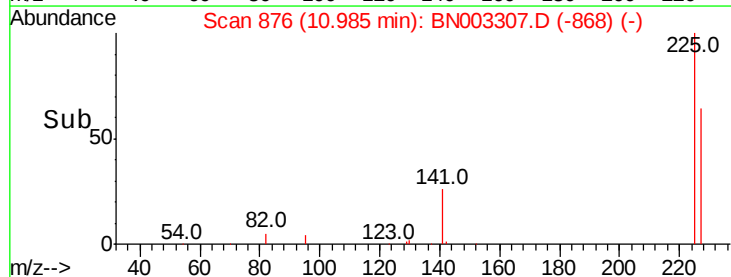
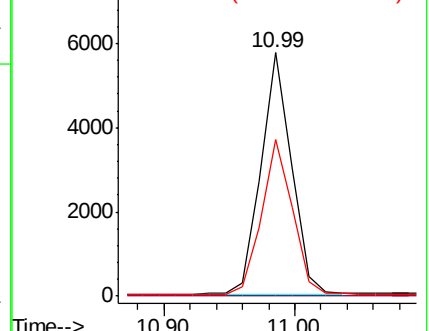
227 64.3 51.3 76.9

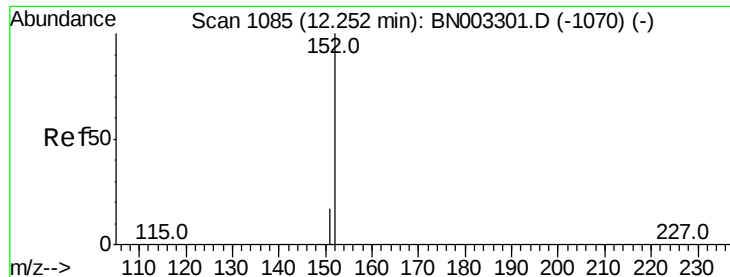


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

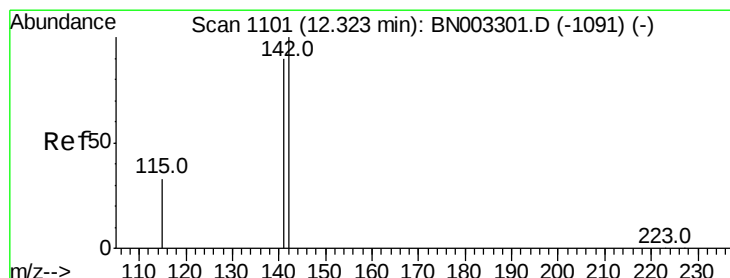
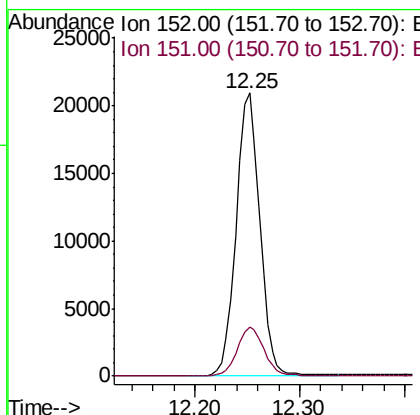
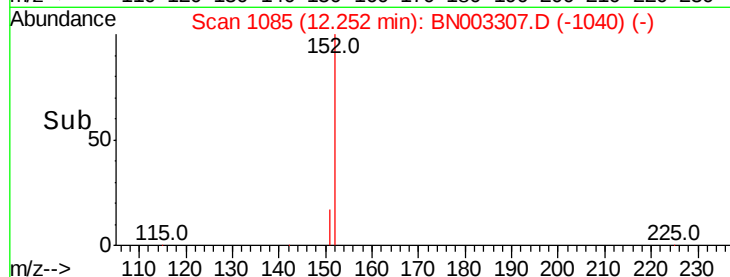
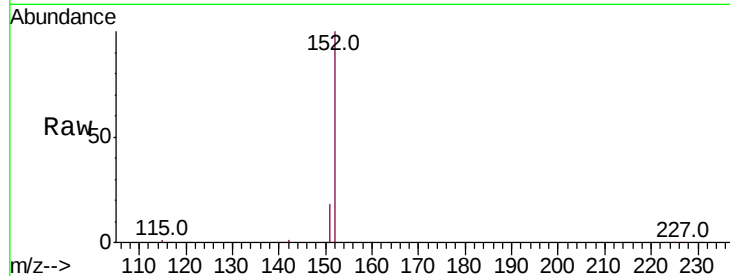




#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.25 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BN003307.D
Acq: 26 Oct 2018 16:32

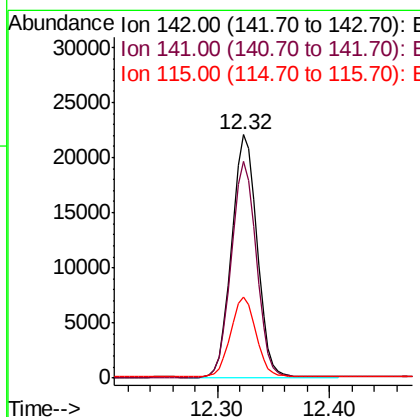
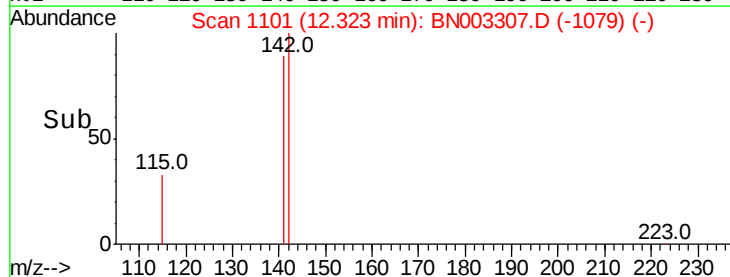
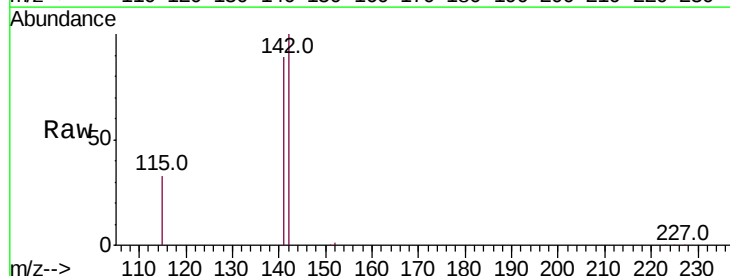
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

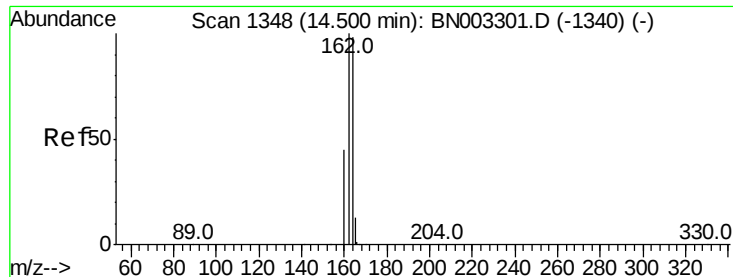
Tot Ion:152 Resp: 32410
Ion Ratio Lower Upper
152 100
151 19.1 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.32 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BN003307.D
Acq: 26 Oct 2018 16:32

Tgt Ion:142 Resp: 34188
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9
115 33.2 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

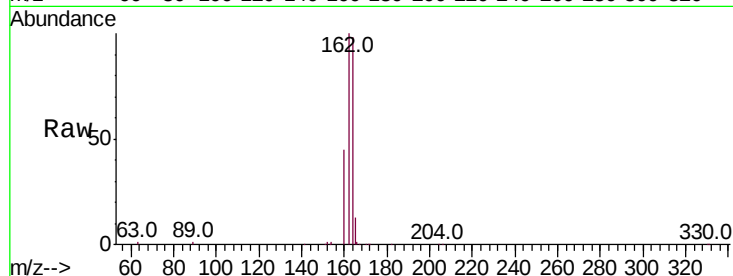
Tot Ion:164 Resp: 29877

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

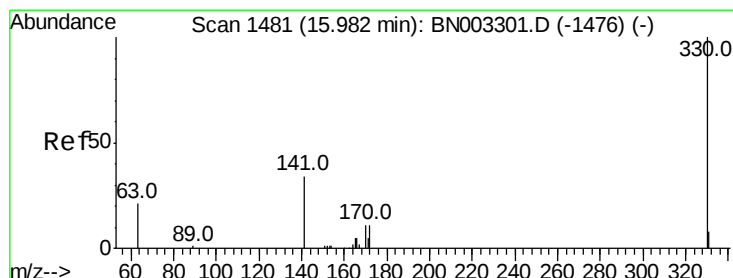
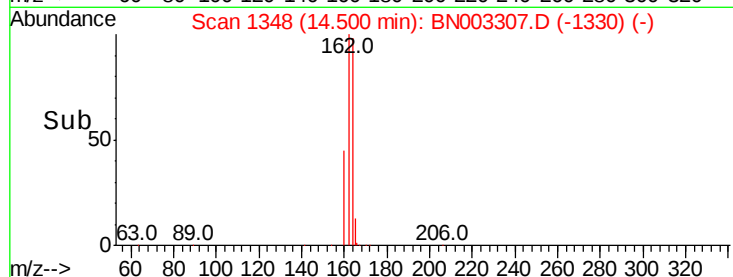
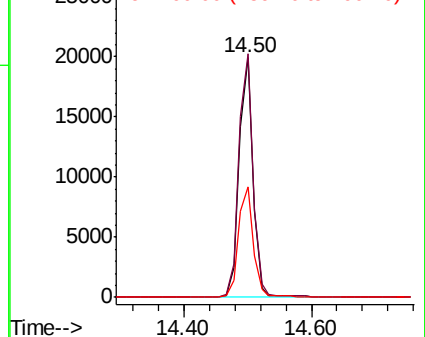
160 46.0 37.2 55.8



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: 0.333 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

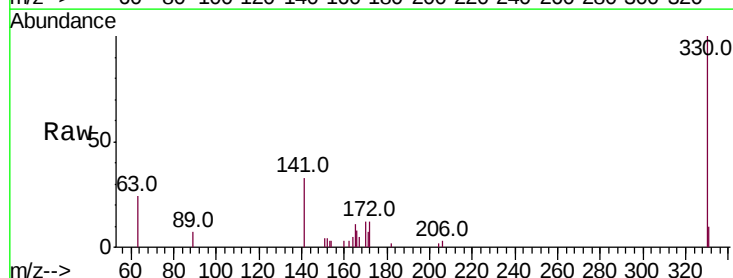
Tgt Ion:330 Resp: 3956

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

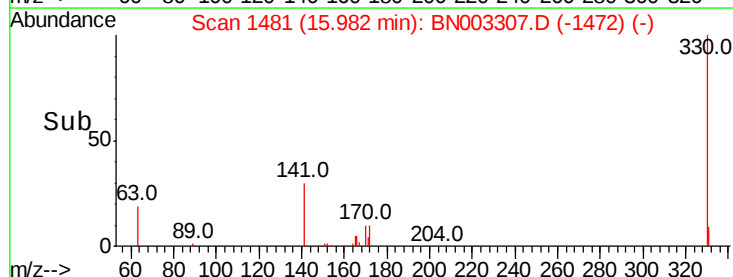
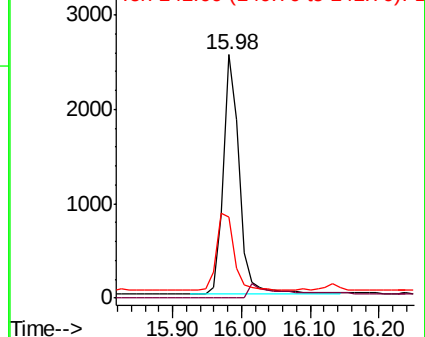
141 36.2 28.3 42.5

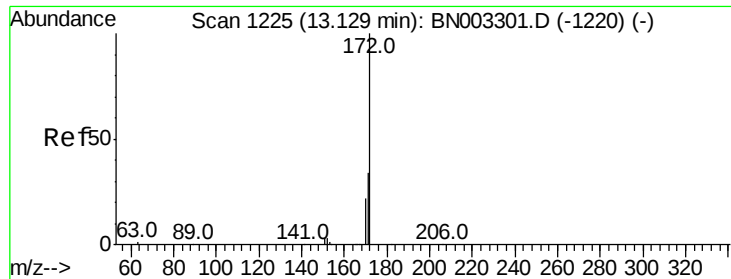


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

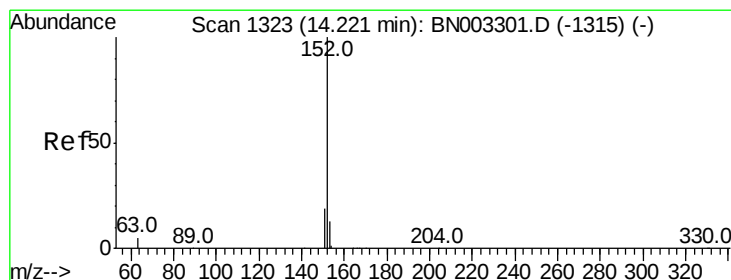
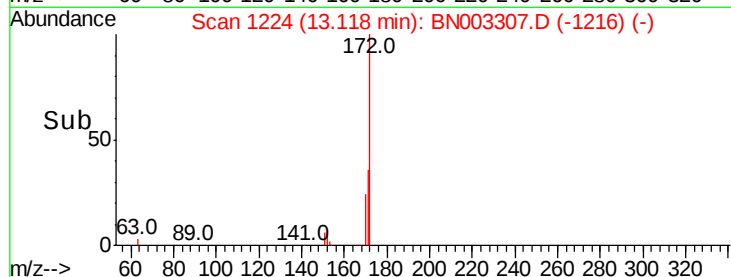
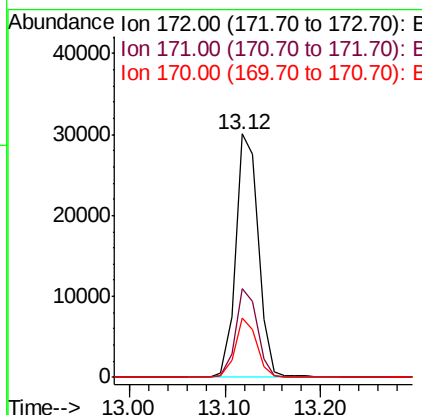
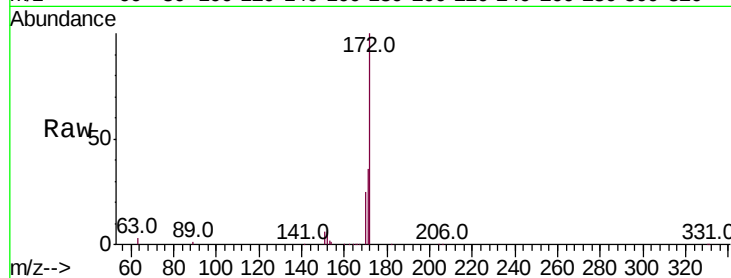




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003307.D
Acq: 26 Oct 2018 16:32

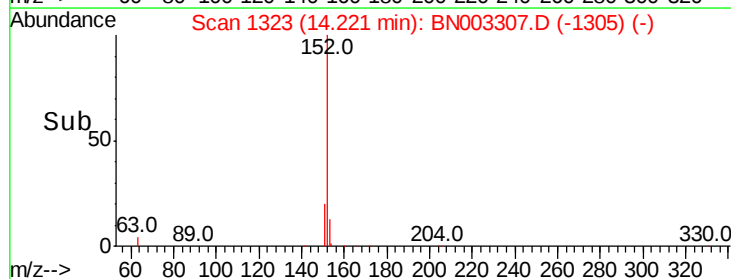
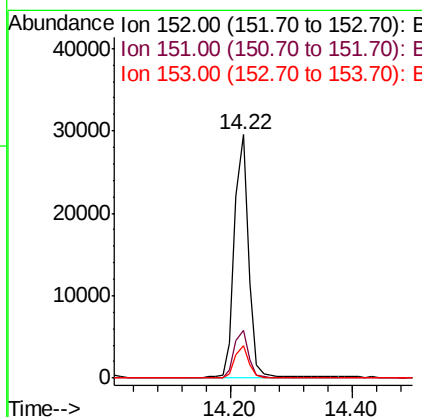
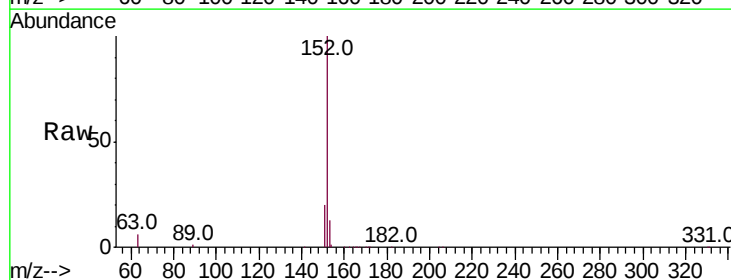
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

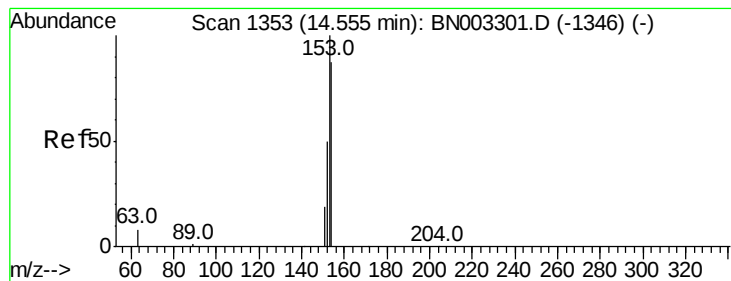
Tot Ion:172 Resp: 49286
Ion Ratio Lower Upper
172 100
171 36.3 27.1 40.7
170 24.6 17.4 26.0



#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN003307.D
Acq: 26 Oct 2018 16:32

Tgt Ion:152 Resp: 47635
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.56 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

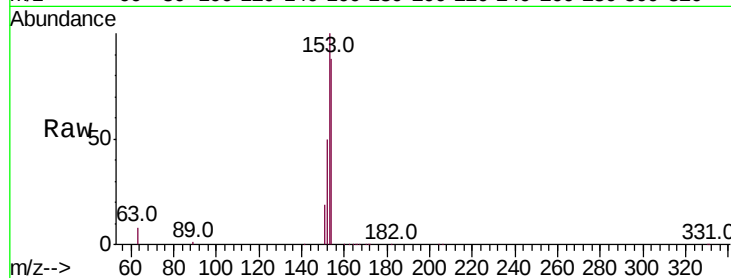
Tot Ion:154 Resp: 35537

Ion Ratio Lower Upper

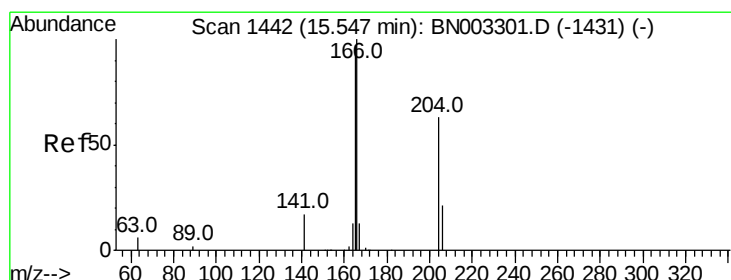
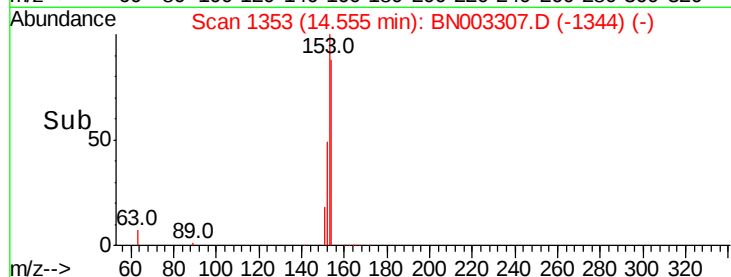
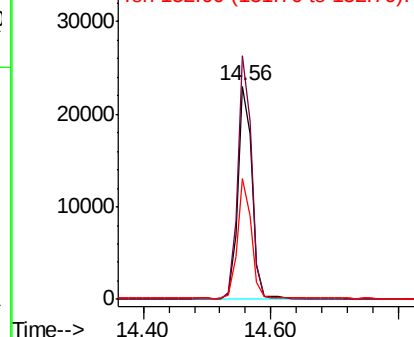
154 100

153 111.0 88.9 133.3

152 54.6 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: 0.379 ng

RT: 15.55 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

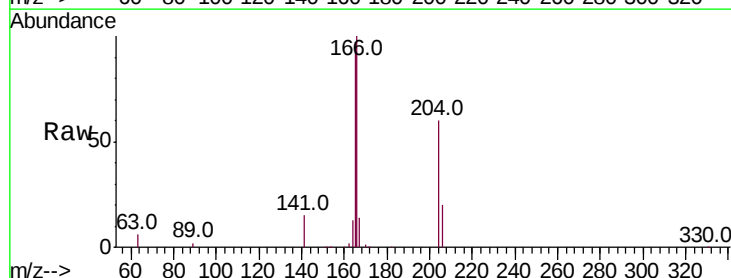
Tgt Ion:166 Resp: 43769

Ion Ratio Lower Upper

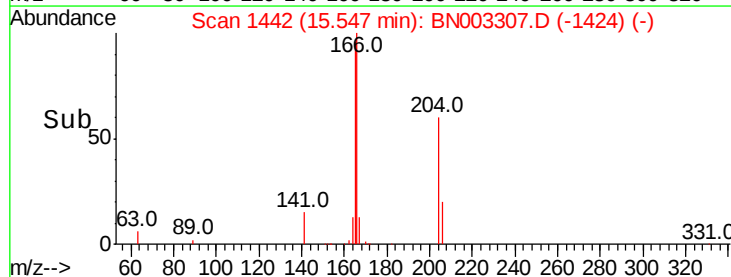
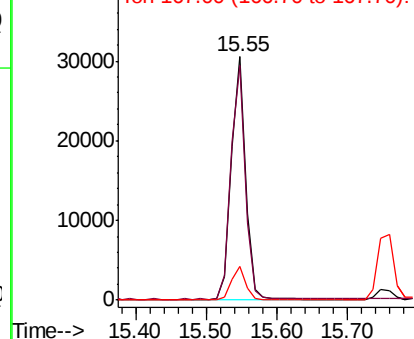
166 100

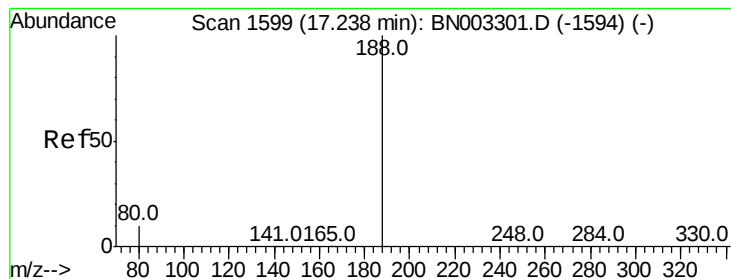
165 97.8 77.8 116.8

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: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

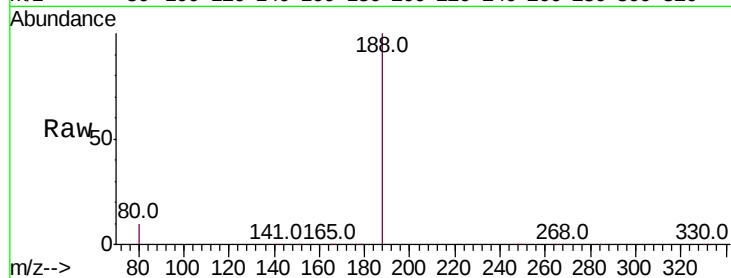
Tot Ion:188 Resp: 71771

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

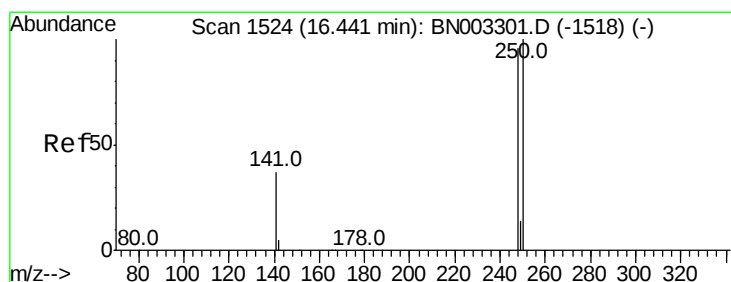
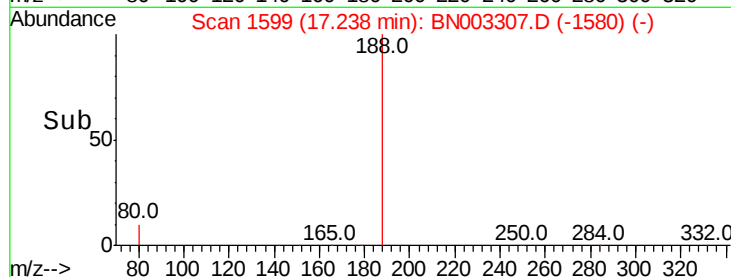
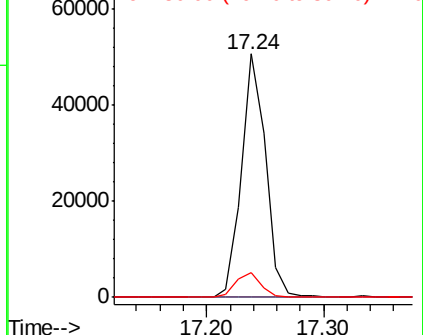
80 10.4 8.6 12.8



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: 0.381 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

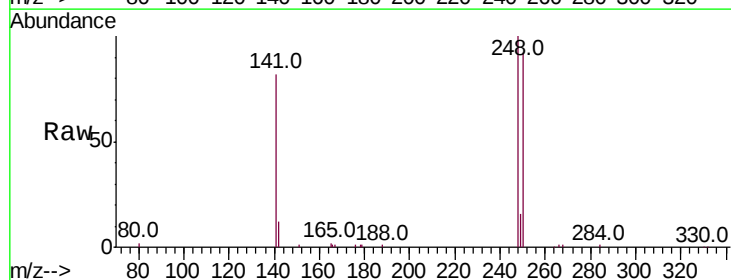
Tgt Ion:248 Resp: 15854

Ion Ratio Lower Upper

248 100

250 92.1 83.7 125.5

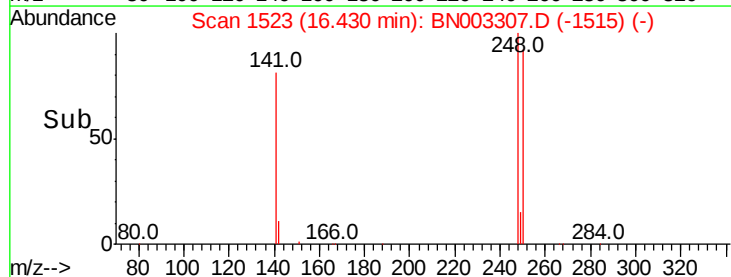
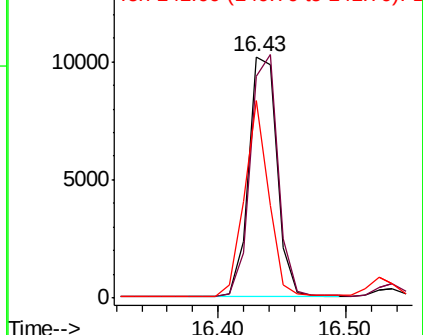
141 81.7 31.4 47.0#

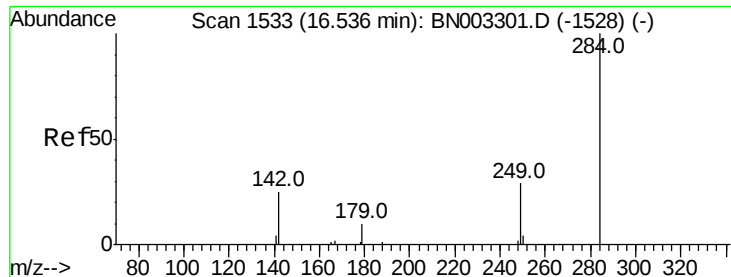


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.393 ng

RT: 16.54 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

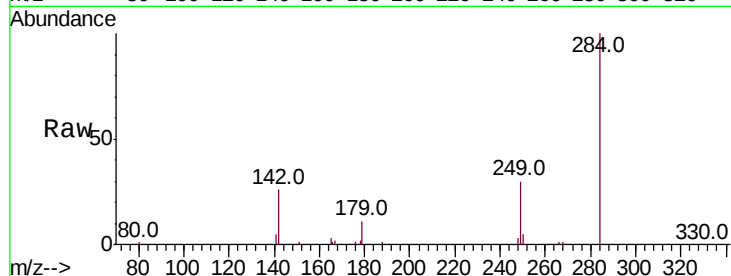
Tot Ion:284 Resp: 17220

Ion Ratio Lower Upper

284 100

142 37.5 29.7 44.5

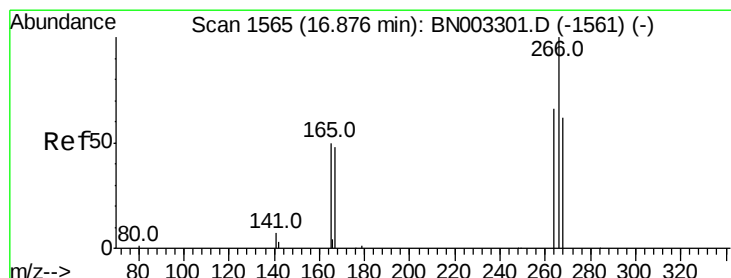
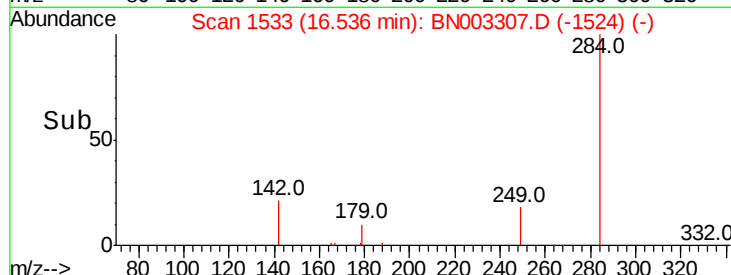
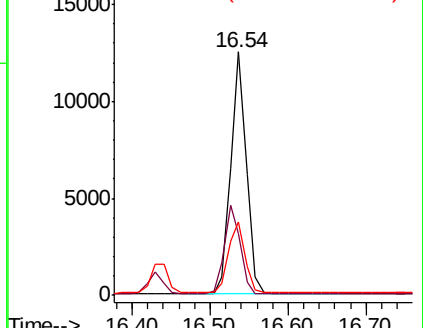
249 30.9 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.388 ng

RT: 16.88 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

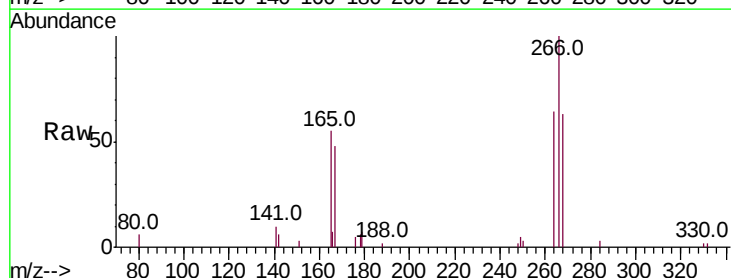
Tgt Ion:266 Resp: 4610

Ion Ratio Lower Upper

266 100

264 64.3 52.1 78.1

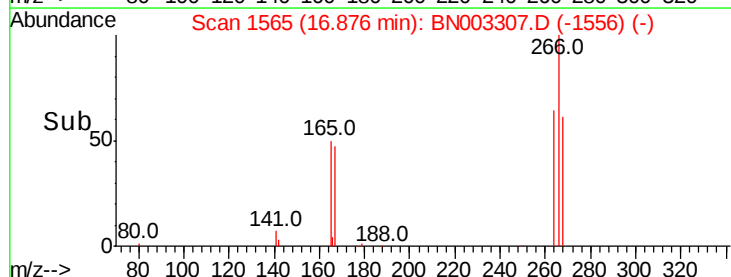
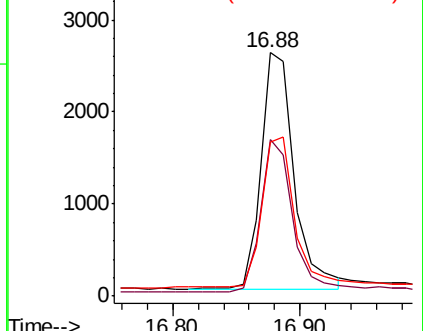
268 63.1 51.8 77.6

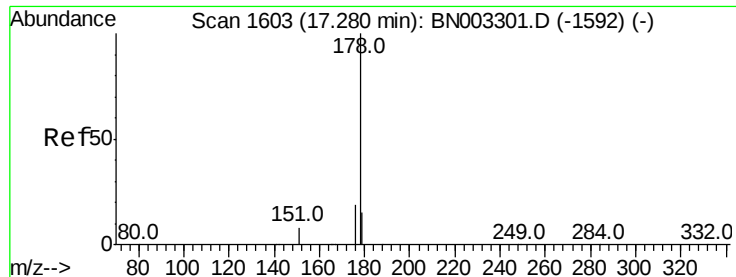


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 17.28 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

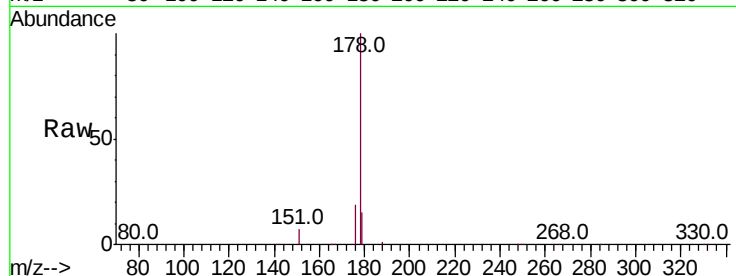
Tot Ion:178 Resp: 75840

Ion Ratio Lower Upper

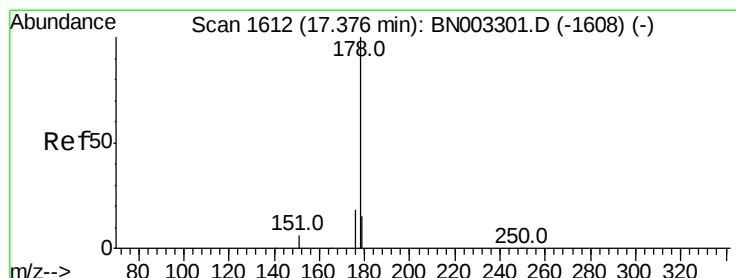
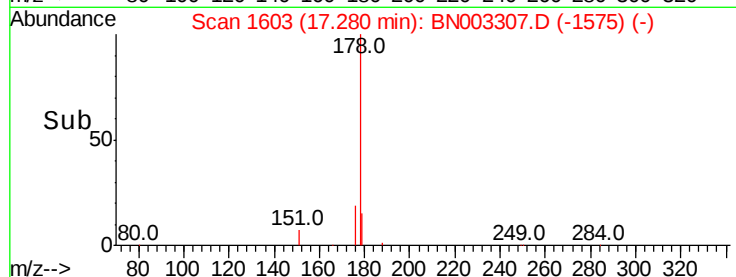
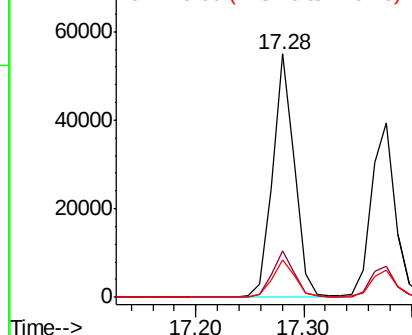
178 100

176 18.9 15.1 22.7

179 15.5 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: 0.358 ng

RT: 17.38 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

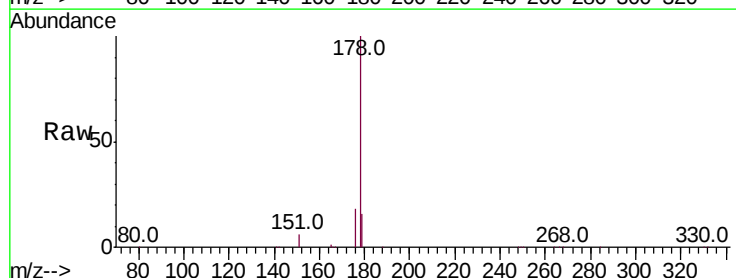
Tgt Ion:178 Resp: 60523

Ion Ratio Lower Upper

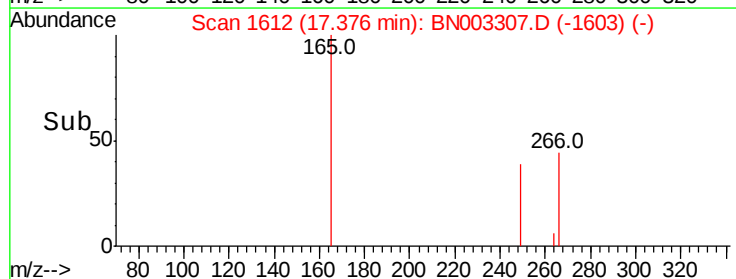
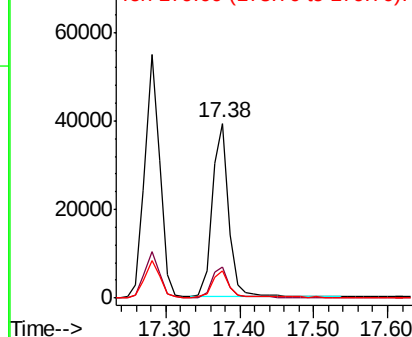
178 100

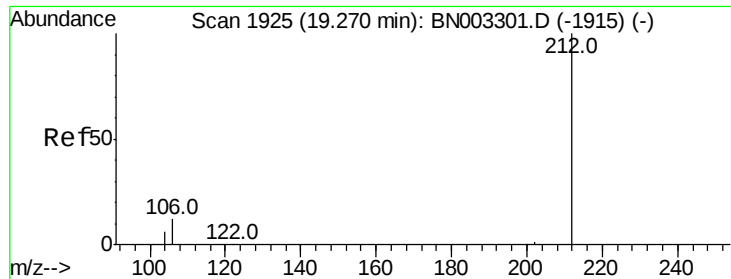
176 18.2 14.5 21.7

179 15.2 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.27 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

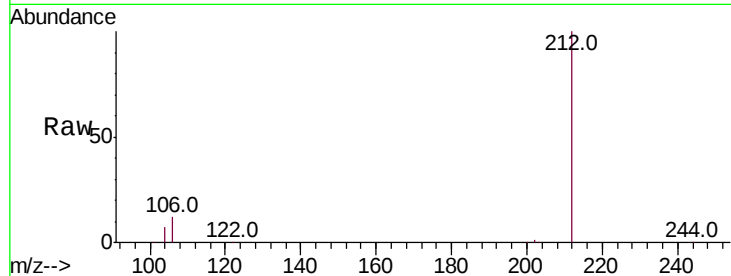
Tot Ion:212 Resp: 77406

Ion Ratio Lower Upper

212 100

106 12.8 10.3 15.5

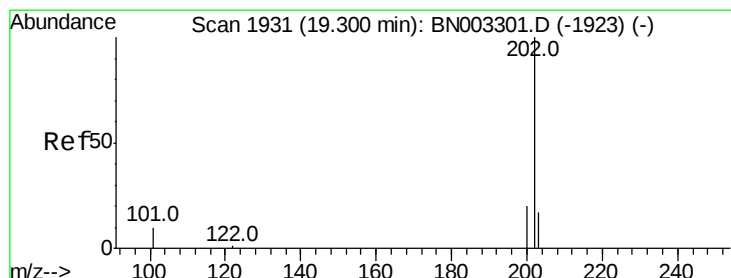
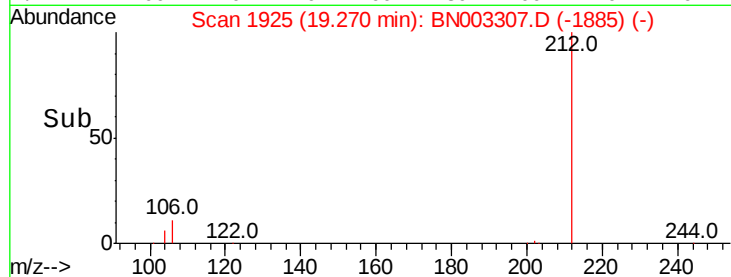
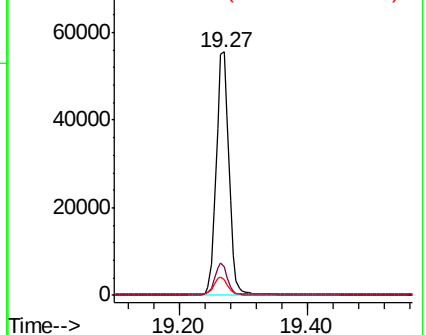
104 7.0 5.6 8.4



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: 0.373 ng

RT: 19.30 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

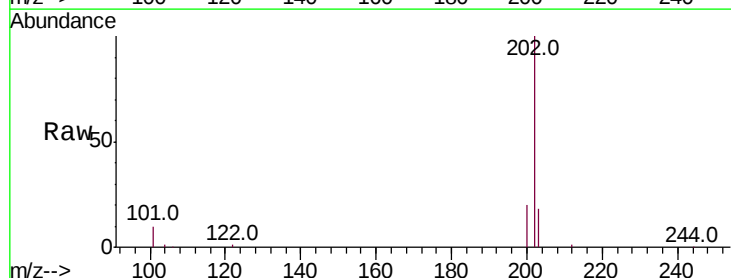
Tgt Ion:202 Resp: 84394

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

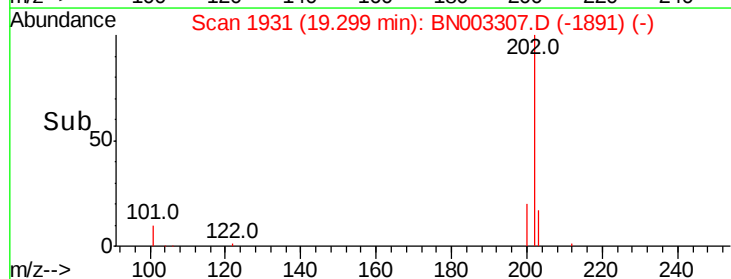
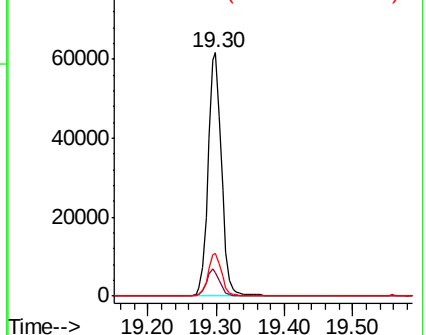
203 17.2 13.8 20.6

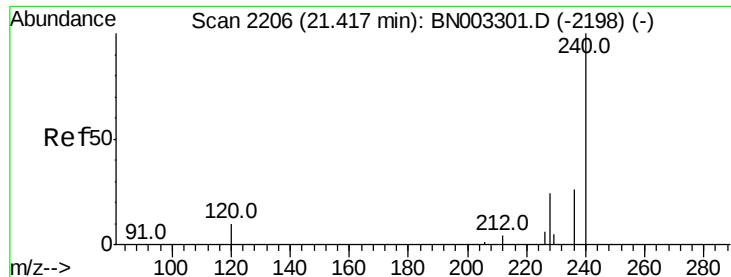


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

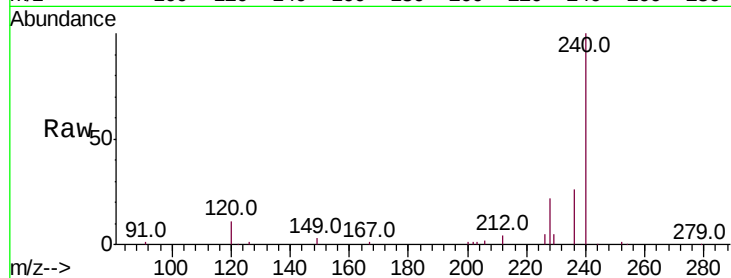
Tot Ion:240 Resp: 84074

Ion Ratio Lower Upper

240 100

120 11.1 9.3 13.9

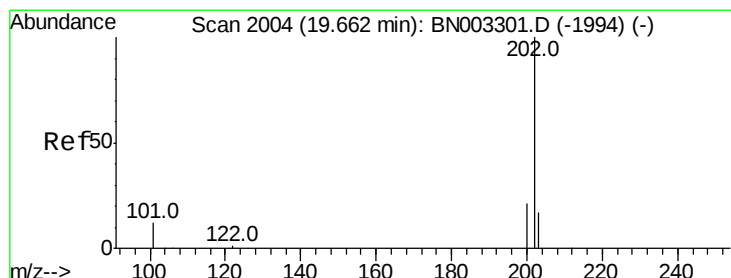
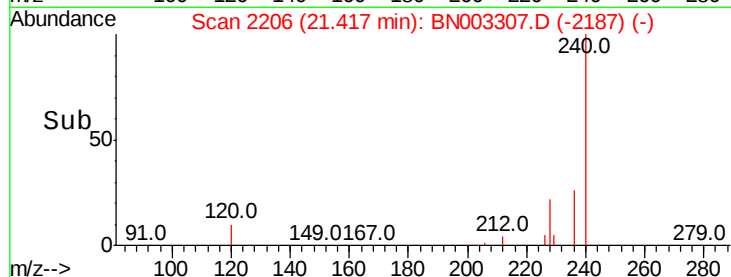
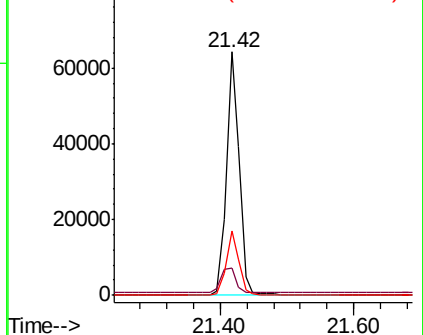
236 26.3 21.0 31.4



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: 0.370 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

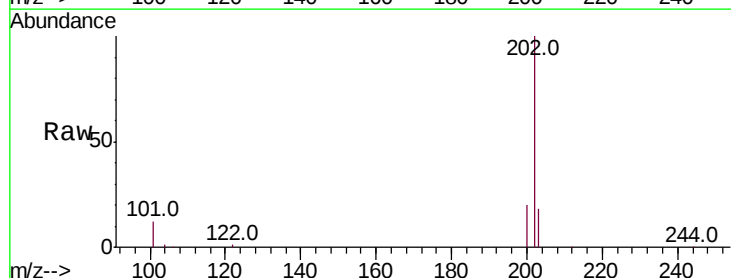
Tgt Ion:202 Resp: 86028

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

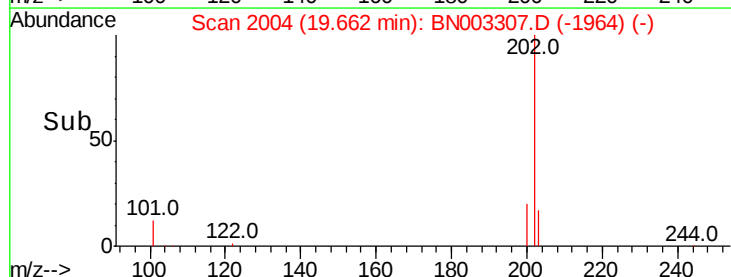
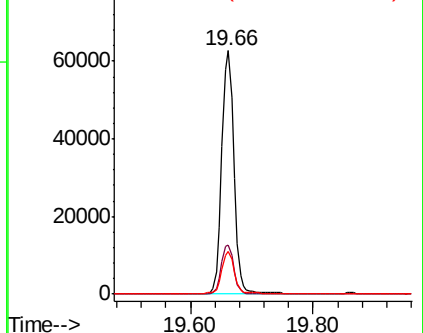
203 17.5 13.9 20.9

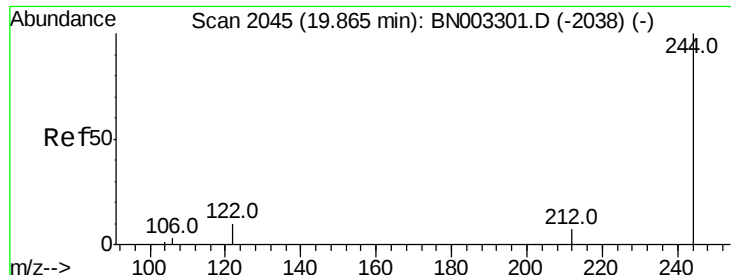


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.365 ng

RT: 19.87 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

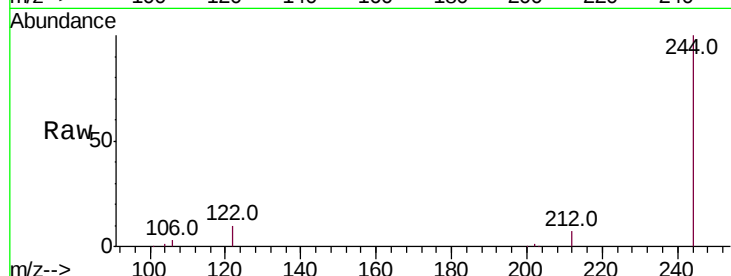
Tot Ion:244 Resp: 71391

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.0 8.5 12.7

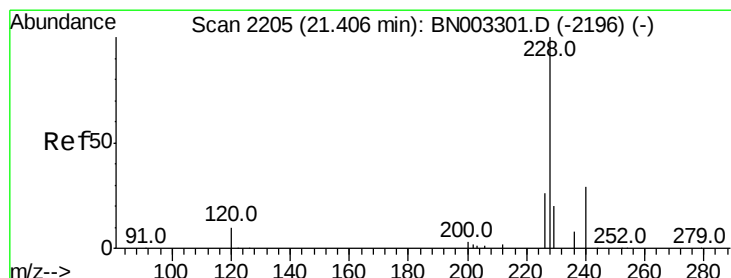
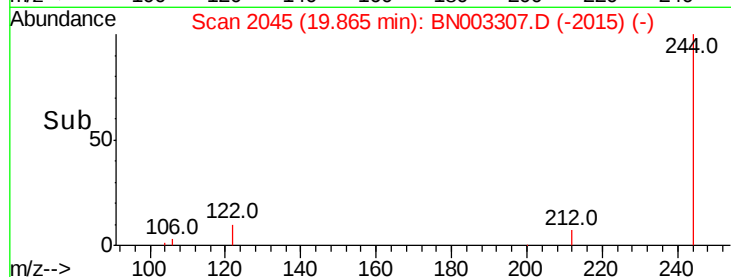
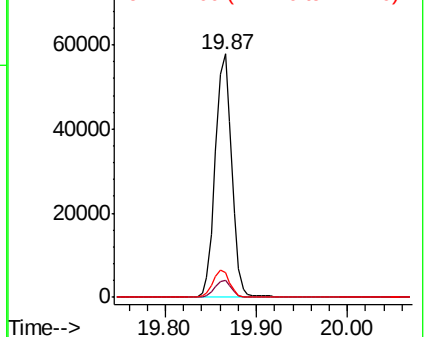


Abundance

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: 0.346 ng

RT: 21.41 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

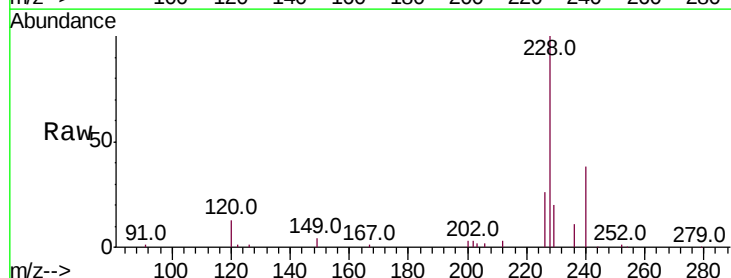
Tgt Ion:228 Resp: 76271

Ion Ratio Lower Upper

228 100

226 25.9 20.8 31.2

229 20.1 16.1 24.1

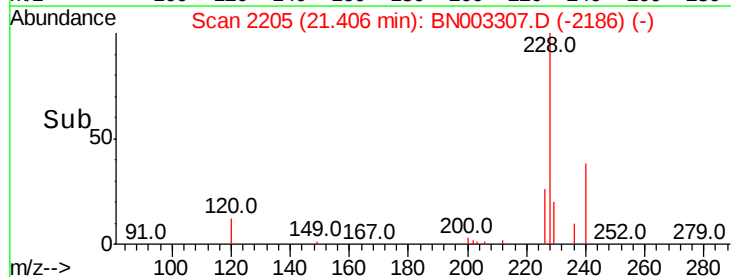
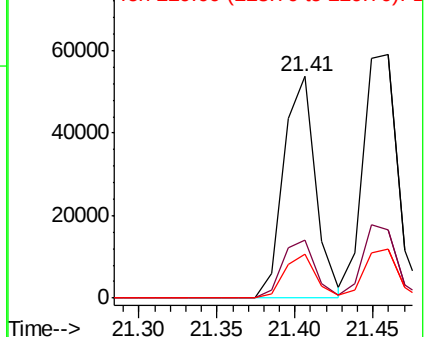


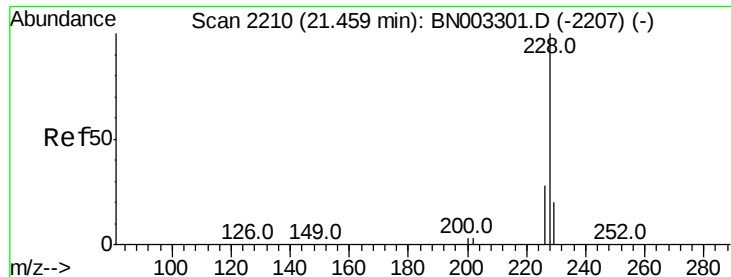
Abundance

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: 0.379 ng

RT: 21.46 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

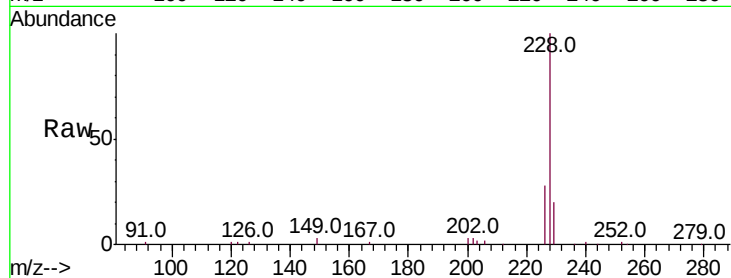
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 90098

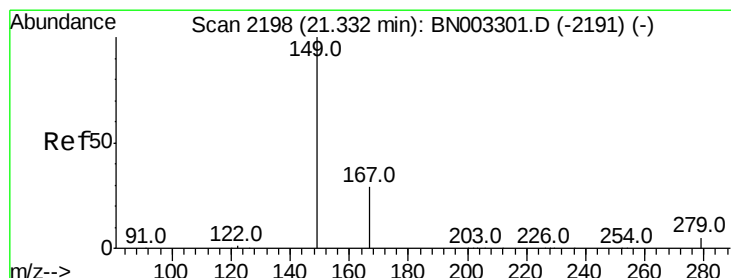
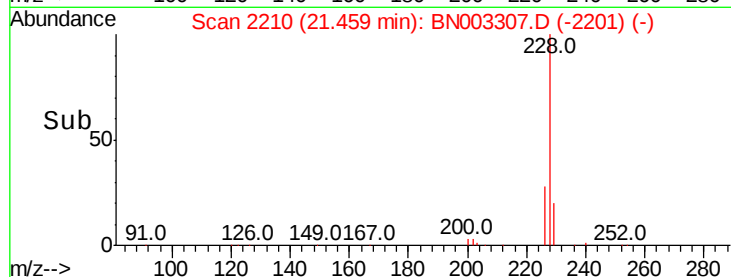
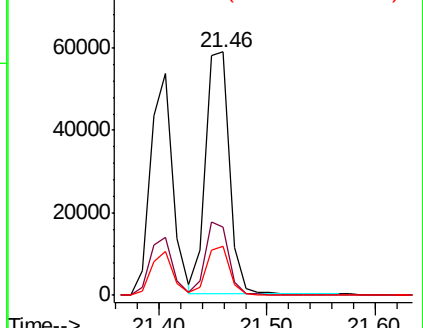
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.0	16.0	24.0



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: 0.320 ng

RT: 21.32 min Scan# 2197

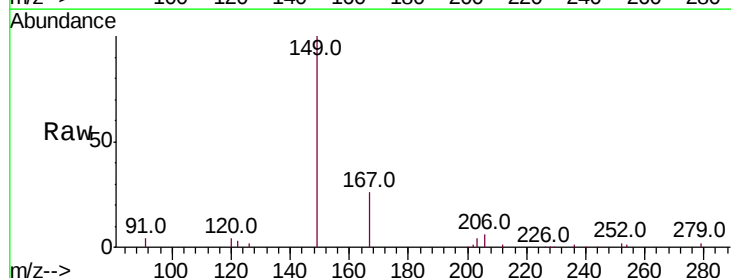
Delta R.T. -0.01 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Tgt Ion:149 Resp: 20843

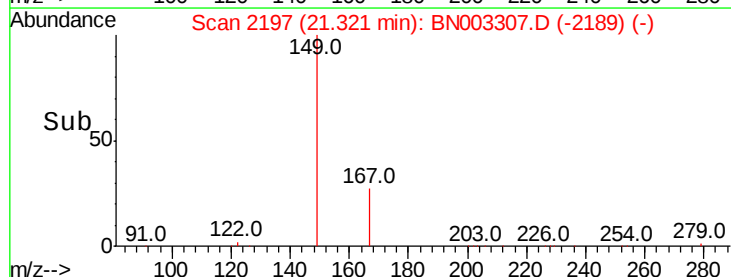
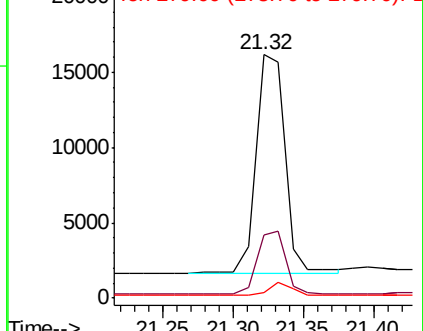
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	5.1	3.9	5.9

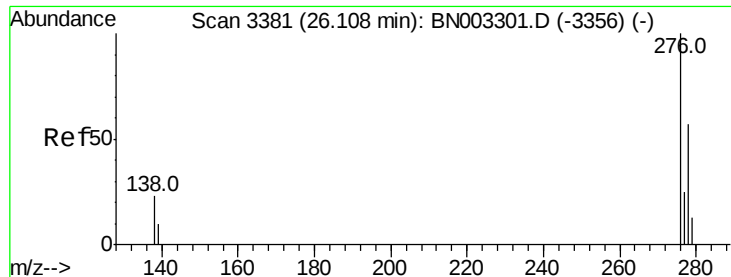


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.399 ng

RT: 26.10 min Scan# 3380

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

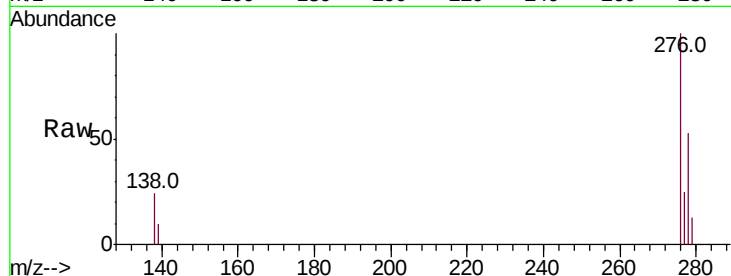
Tot Ion:276 Resp: 98218

Ion Ratio Lower Upper

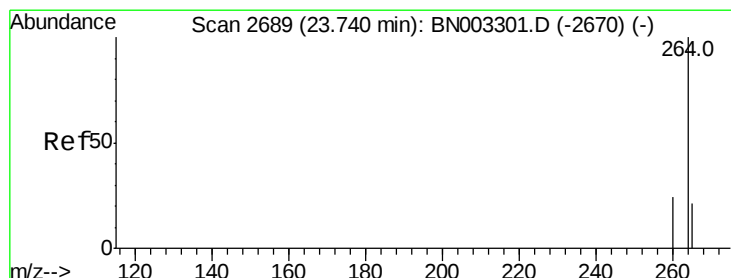
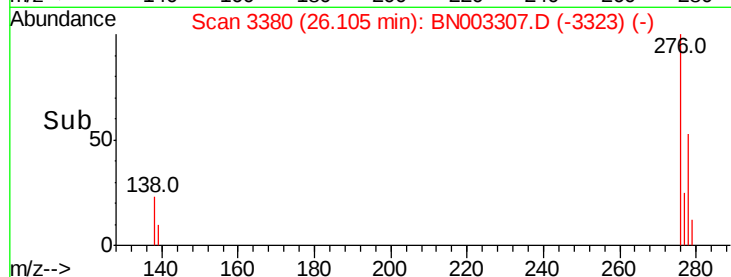
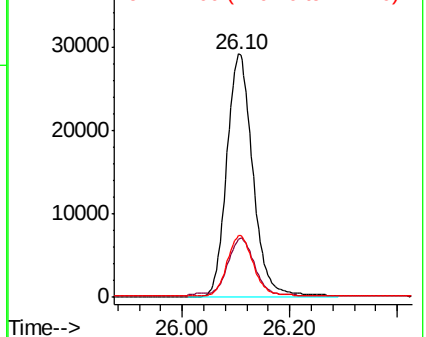
276 100

138 25.7 20.6 30.8

277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2689

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

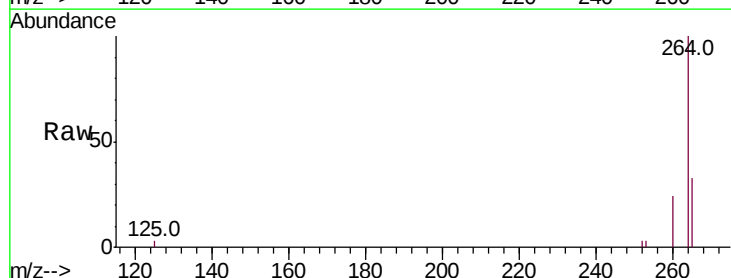
Tgt Ion:264 Resp: 79751

Ion Ratio Lower Upper

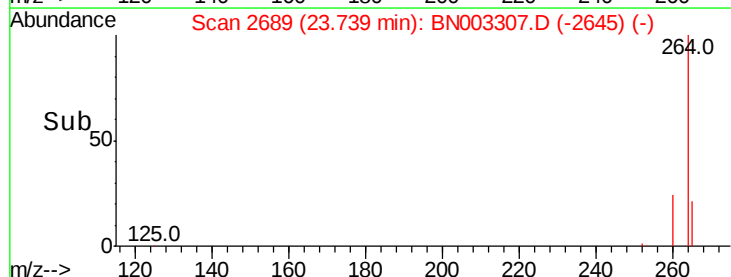
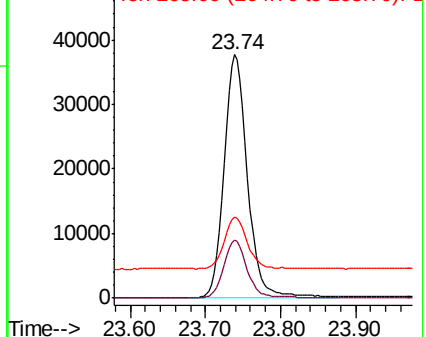
264 100

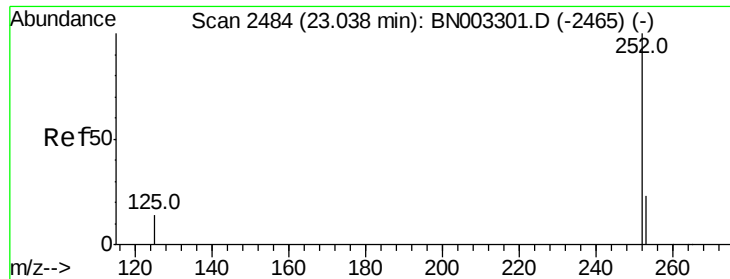
260 24.0 19.1 28.7

265 33.2 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: 0.378 ng

RT: 23.04 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

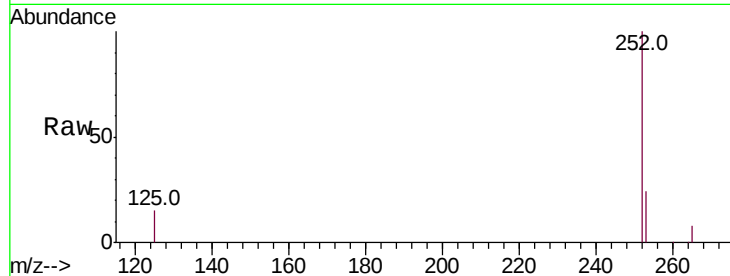
Tot Ion:252 Resp: 92782

Ion Ratio Lower Upper

252 100

253 23.8 19.3 28.9

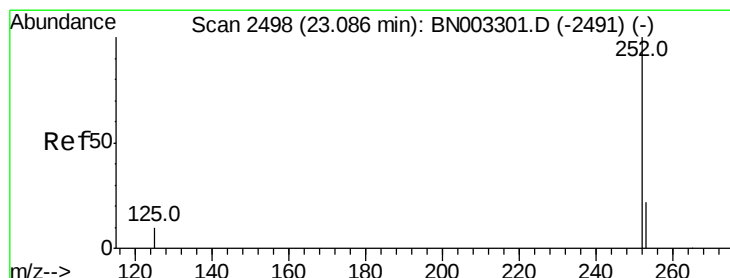
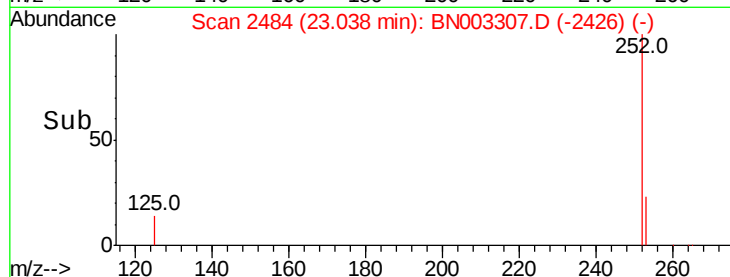
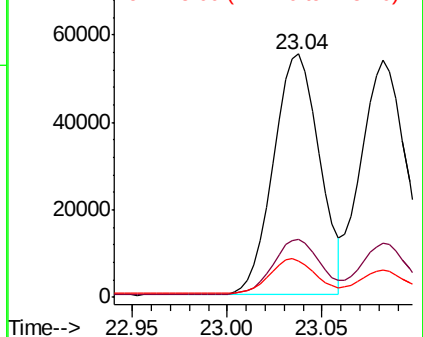
125 15.1 12.7 19.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.380 ng

RT: 23.08 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

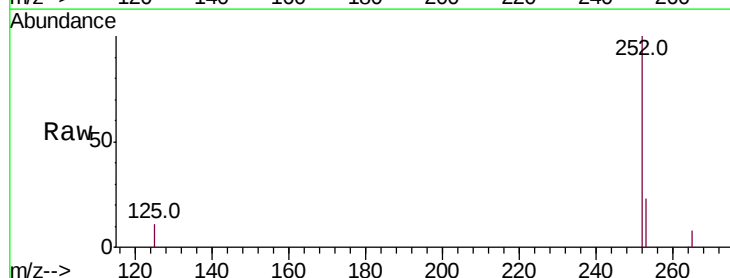
Tgt Ion:252 Resp: 93598

Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

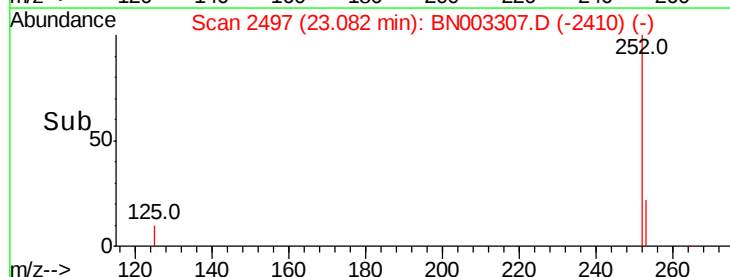
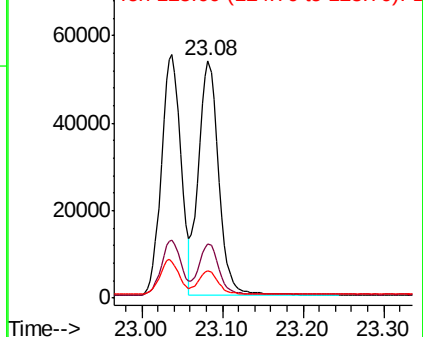
125 11.4 9.1 13.7

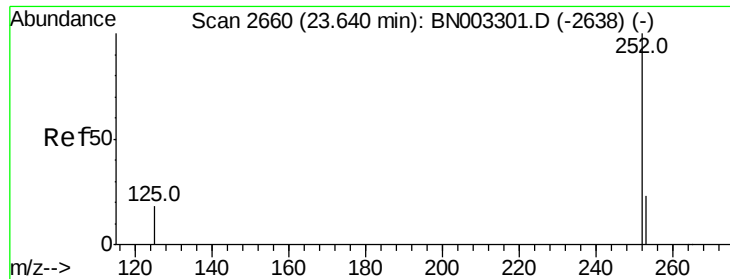


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.383 ng

RT: 23.64 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

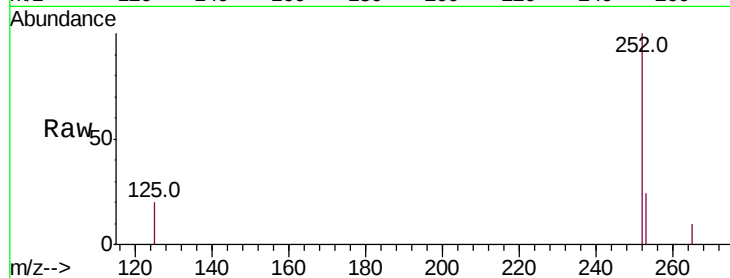
Tot Ion:252 Resp: 86624

Ion Ratio Lower Upper

252 100

253 24.5 20.1 30.1

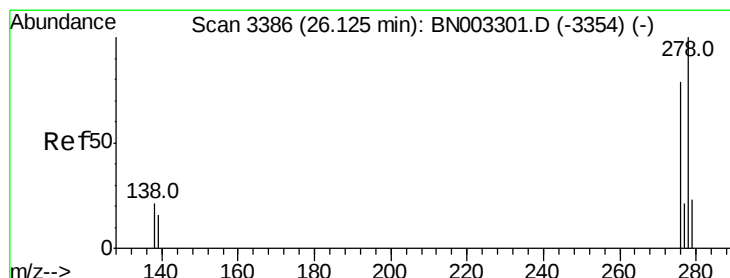
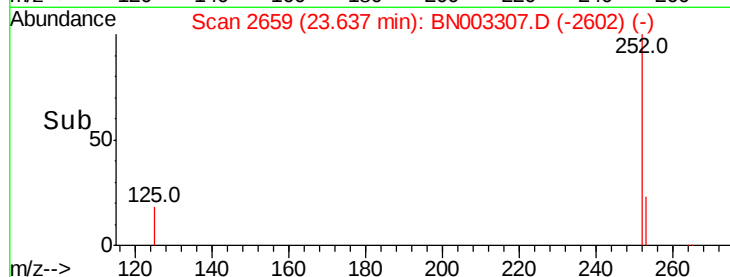
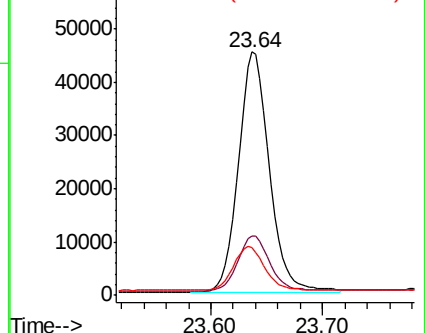
125 19.5 16.0 24.0



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: 0.378 ng

RT: 26.13 min Scan# 3386

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

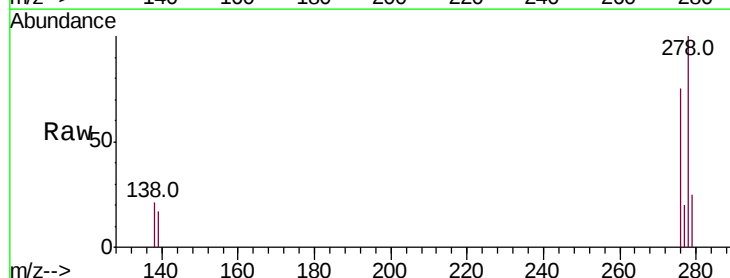
Tgt Ion:278 Resp: 79737

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

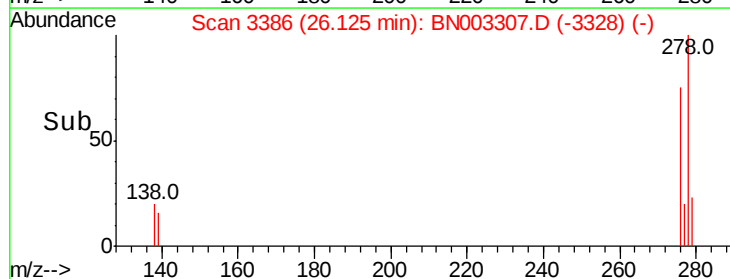
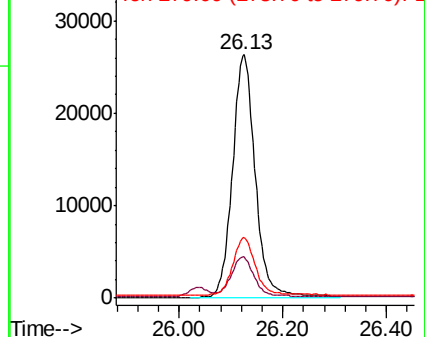
279 24.6 19.8 29.6

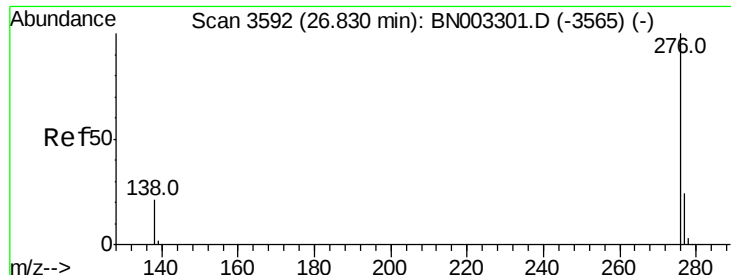


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.376 ng

RT: 26.83 min Scan# 3592

Delta R.T. -0.00 min

Lab File: BN003307.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

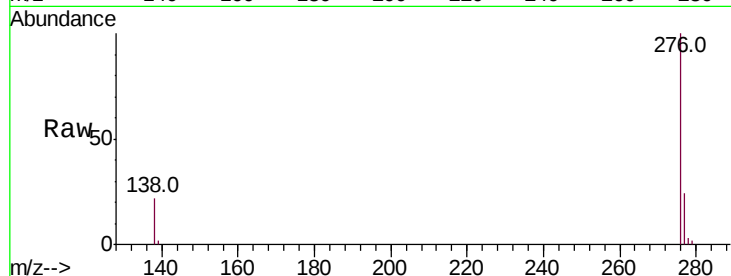
Tot Ion:276 Resp: 79329

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 21.6 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

