

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
 Data File : BN006652.D
 Acq On : 01 Jul 2019 08:39
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 02 05:03:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4194	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16354	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	9094	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	19989	0.40	ng	0.00
27) Chrysene-d12	21.27	240	19115	0.40	ng	0.00
34) Perylene-d12	23.51	264	22048	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4221	0.41	ng	0.00
5) Phenol-d6	6.82	99	5377	0.39	ng	0.00
8) Nitrobenzene-d5	8.79	82	4467	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	10107	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1621	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	14217	0.42	ng	-0.01
25) Fluoranthene-d10	19.08	212	24094	0.41	ng	0.00
29) Terphenyl-d14	19.68	244	17396	0.43	ng	0.00

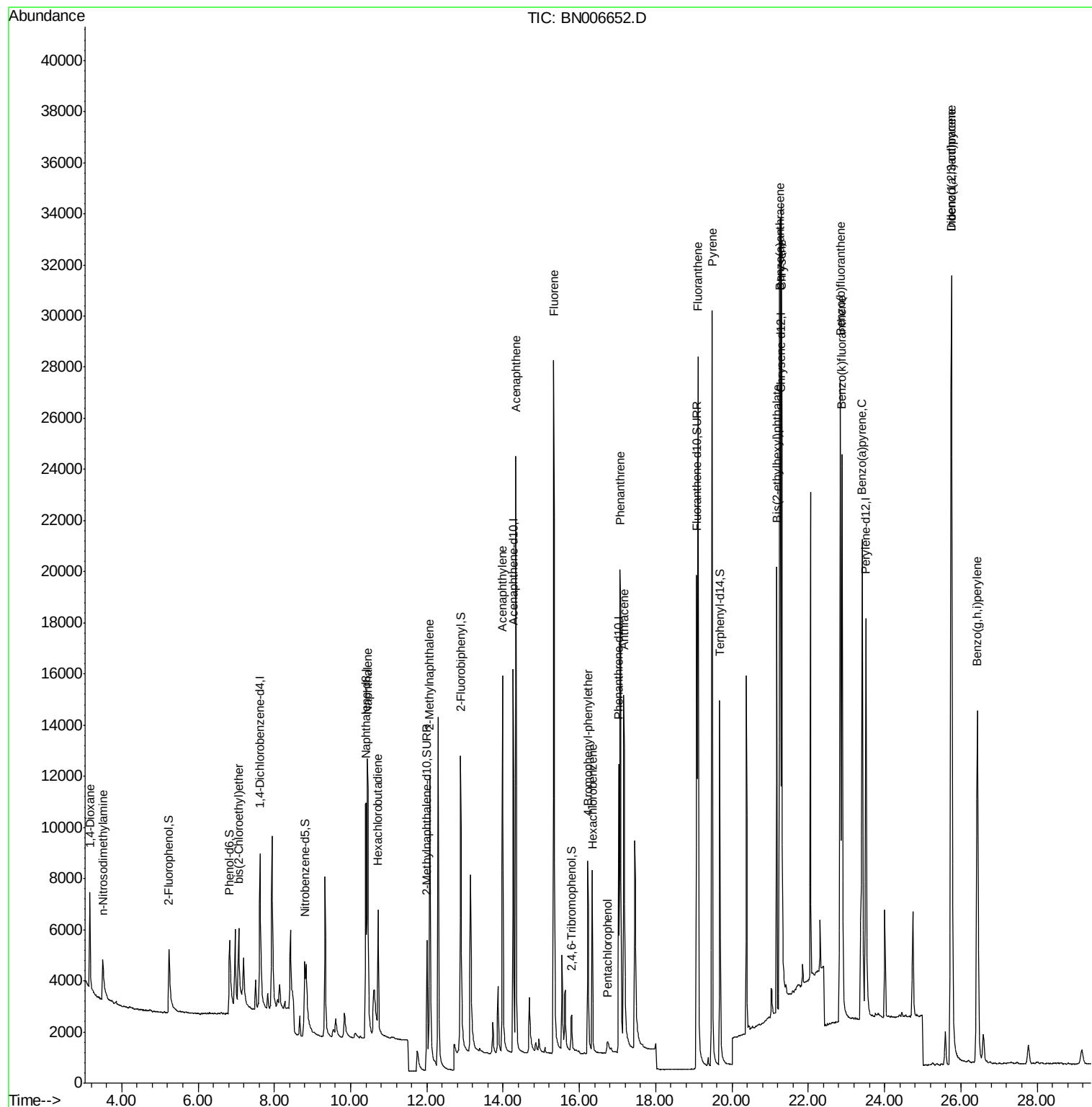
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2456	0.423	ng	97
3) n-Nitrosodimethylamine	3.50	42	1723	0.378	ng	# 96
6) bis(2-Chloroethyl)ether	7.06	93	4889	0.403	ng	99
9) Naphthalene	10.44	128	17957	0.418	ng	99
10) Hexachlorobutadiene	10.72	225	3878	0.439	ng	# 100
12) 2-Methylnaphthalene	12.07	142	11839	0.399	ng	99
16) Acenaphthylene	13.99	152	17672	0.408	ng	100
17) Acenaphthene	14.33	154	12082	0.423	ng	100
18) Fluorene	15.32	166	14524	0.403	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	4696	0.424	ng	# 84
21) Hexachlorobenzene	16.34	284	6106	0.436	ng	98
22) Pentachlorophenol	16.74	266	760	0.430	ng	98
23) Phenanthrene	17.07	178	23471	0.413	ng	100
24) Anthracene	17.16	178	19927	0.404	ng	100
26) Fluoranthene	19.11	202	28837	0.417	ng	100
28) Pyrene	19.48	202	30023	0.449	ng	100
30) Benzo(a)anthracene	21.25	228	26473	0.424	ng	98
31) Chrysene	21.30	228	28904	0.429	ng	99
32) Bis(2-ethylhexyl)phthalate	21.17	149	14741	0.469	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	36364	0.533	ng	99
35) Benzo(b)fluoranthene	22.84	252	30274	0.404	ng	98
36) Benzo(k)fluoranthene	22.89	252	32126	0.402	ng	98
37) Benzo(a)pyrene	23.41	252	30025	0.428	ng	98
38) Dibenzo(a,h)anthracene	25.76	278	29034	0.474	ng	98
39) Benzo(g,h,i)perylene	26.44	276	29836	0.488	ng	100

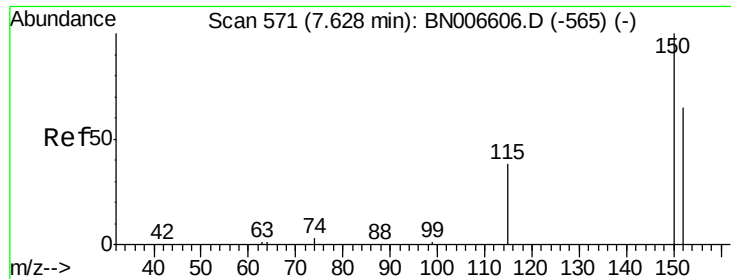
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 28 13:47:56 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.62 min Scan# 570

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

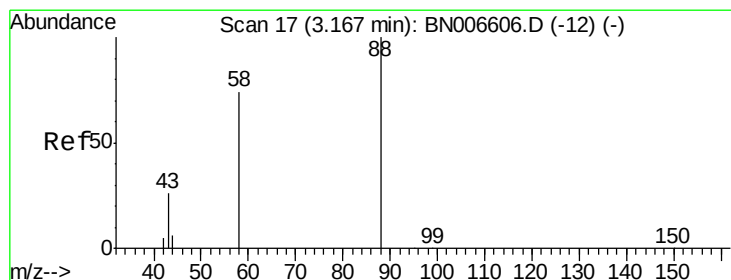
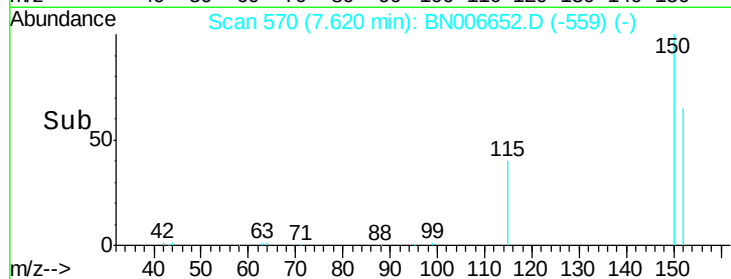
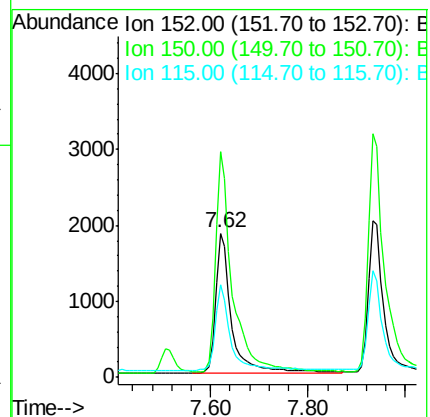
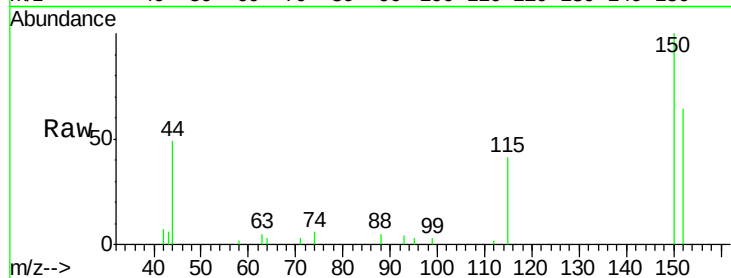
Tot Ion:152 Resp: 4194

Ion Ratio Lower Upper

152 100

150 156.9 122.2 183.2

115 63.8 50.0 75.0



#2

1,4-Dioxane

Concen: 0.423 ng

RT: 3.17 min Scan# 17

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

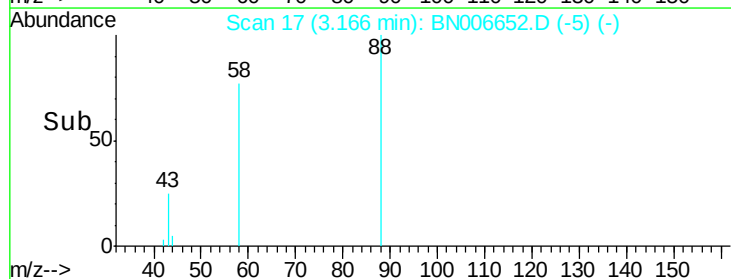
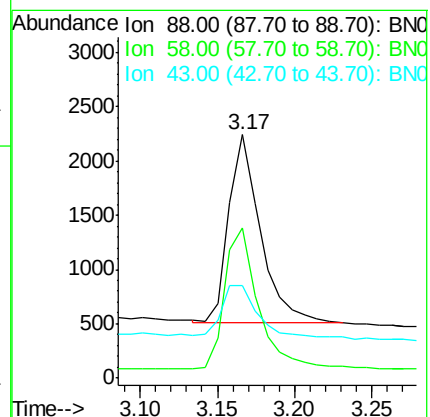
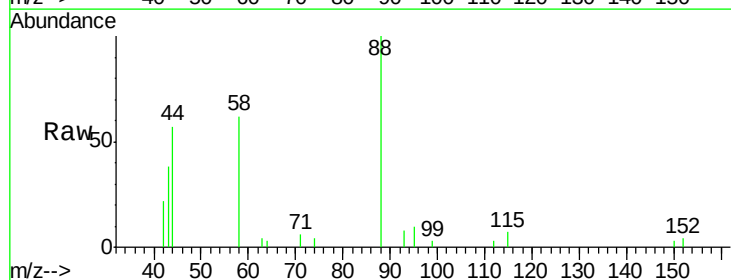
Tgt Ion: 88 Resp: 2456

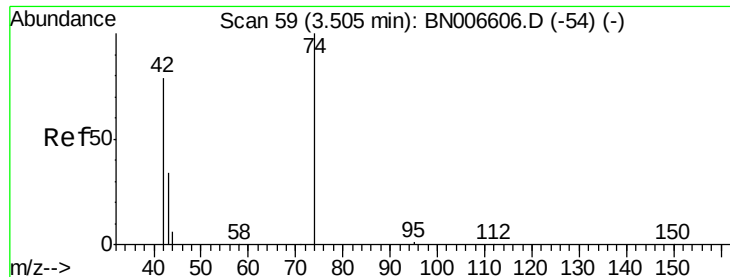
Ion Ratio Lower Upper

88 100

58 81.1 62.5 93.7

43 31.0 25.4 38.0





#3

n-Nitrosodimethylamine

Concen: 0.378 ng

RT: 3.50 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

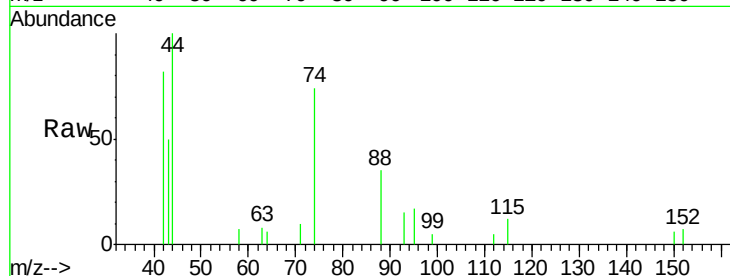
Tot Ion: 42 Resp: 1723

Ion Ratio Lower Upper

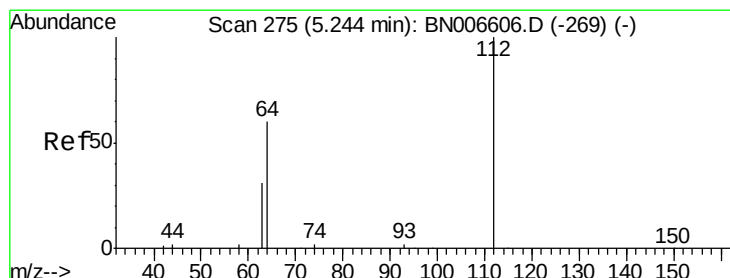
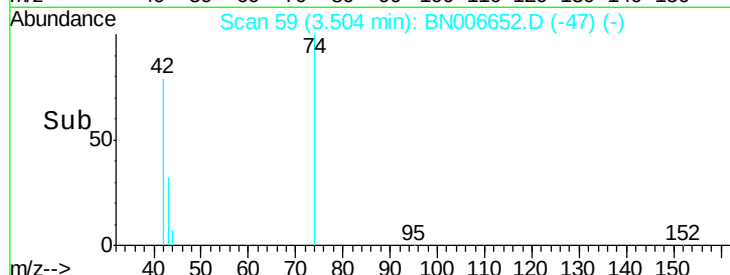
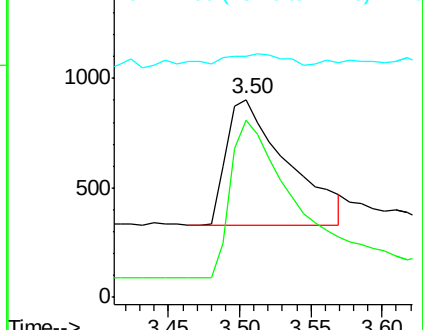
42 100

74 124.9 103.1 154.7

44 8.5 3.4 5.2#



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: 0.410 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

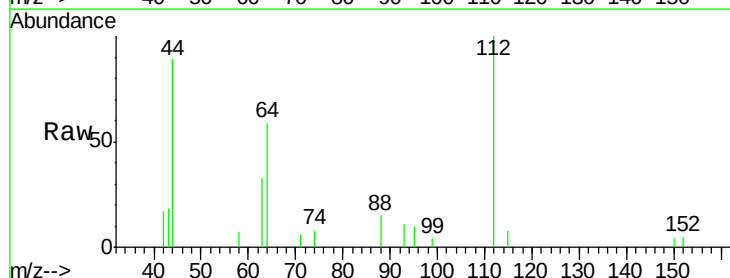
Tgt Ion: 112 Resp: 4221

Ion Ratio Lower Upper

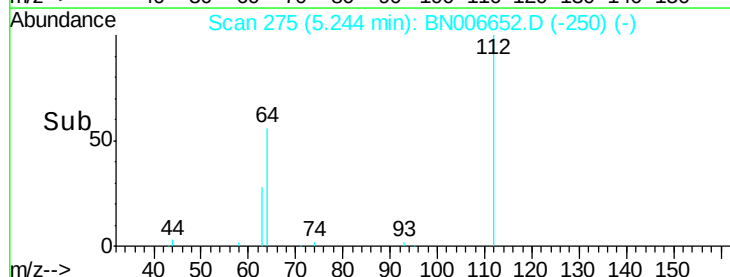
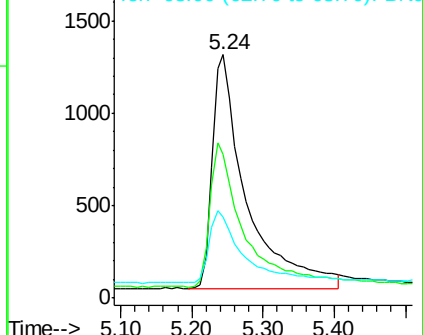
112 100

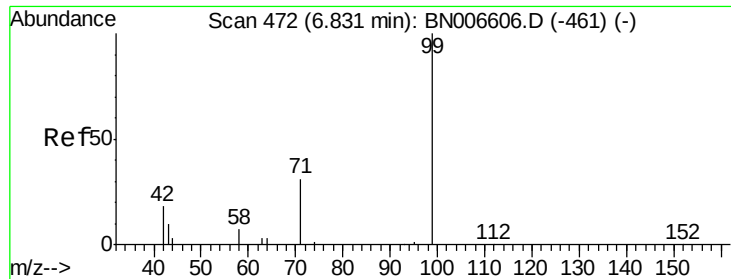
64 60.4 48.9 73.3

63 31.8 24.3 36.5



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: 0.395 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

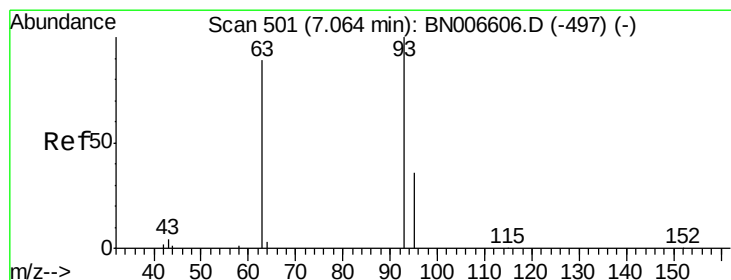
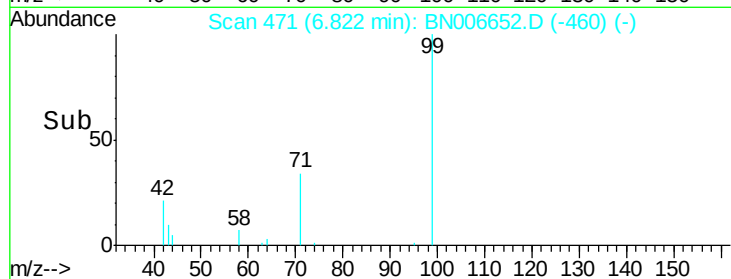
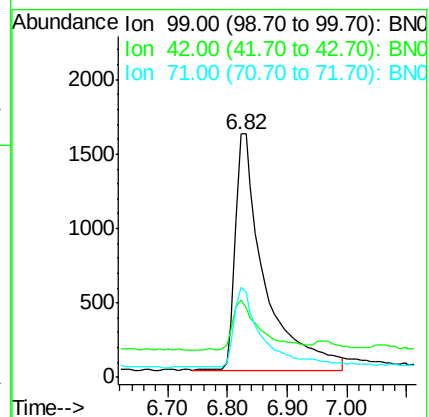
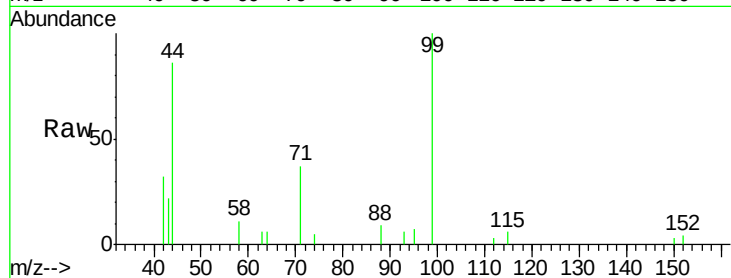
Tot Ion: 99 Resp: 5377

Ion Ratio Lower Upper

99 100

42 19.8 16.4 24.6

71 32.6 26.6 40.0



#6

bis(2-Chloroethyl)ether

Concen: 0.403 ng

RT: 7.06 min Scan# 501

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

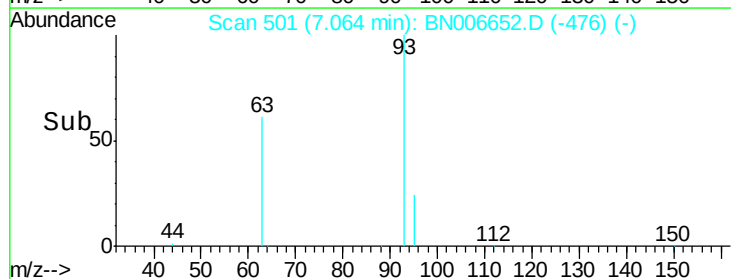
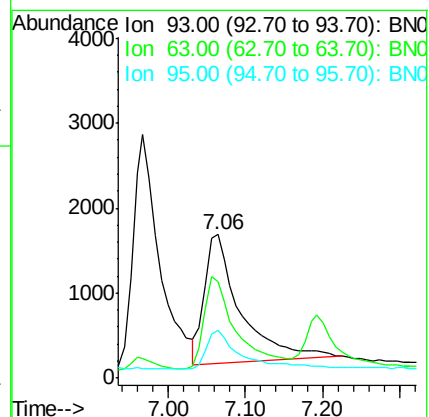
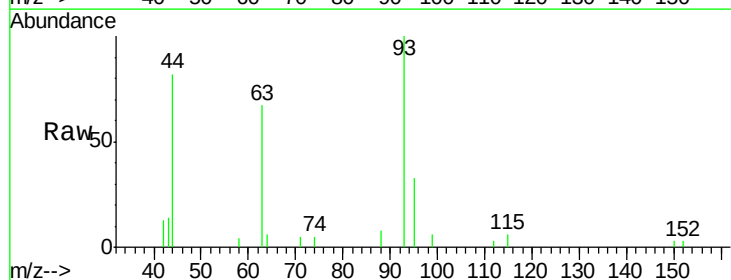
Tgt Ion: 93 Resp: 4889

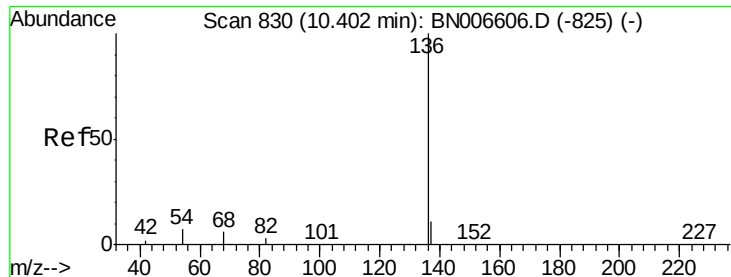
Ion Ratio Lower Upper

93 100

63 64.5 52.5 78.7

95 30.1 24.2 36.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 16354

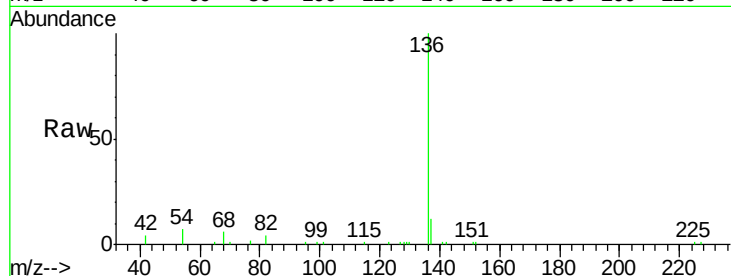
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 7.2 6.7 10.1

68 5.9 5.3 7.9

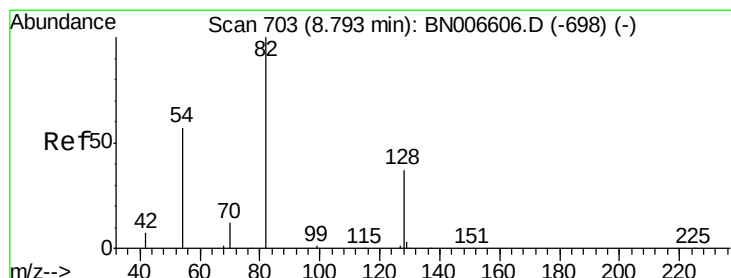
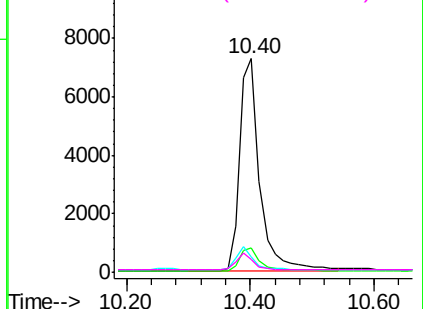
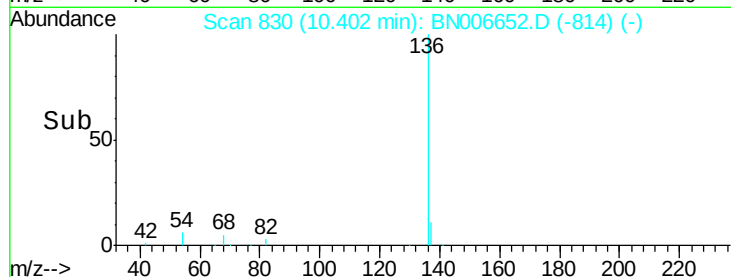


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.406 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

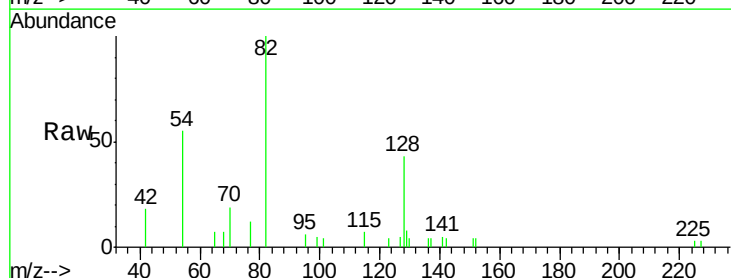
Tgt Ion: 82 Resp: 4467

Ion Ratio Lower Upper

82 100

128 43.5 32.6 49.0

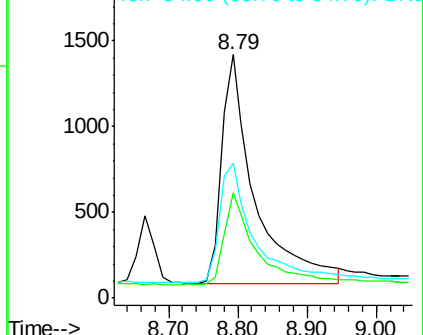
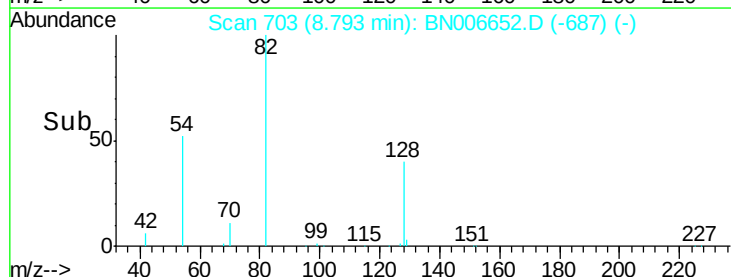
54 55.1 48.2 72.4

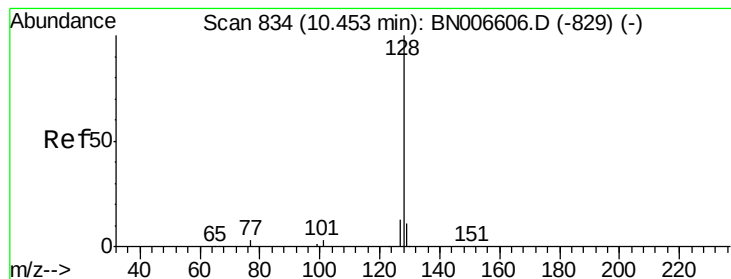


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.418 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

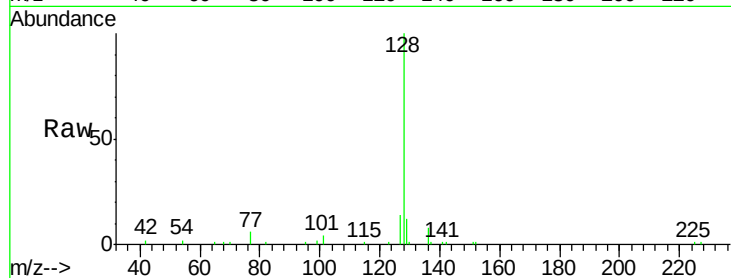
Tot Ion:128 Resp: 17957

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

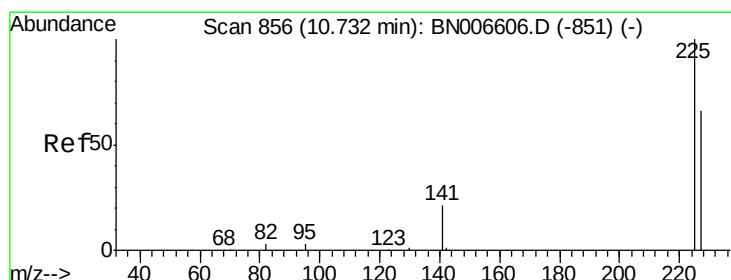
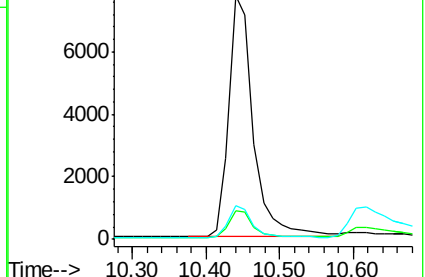
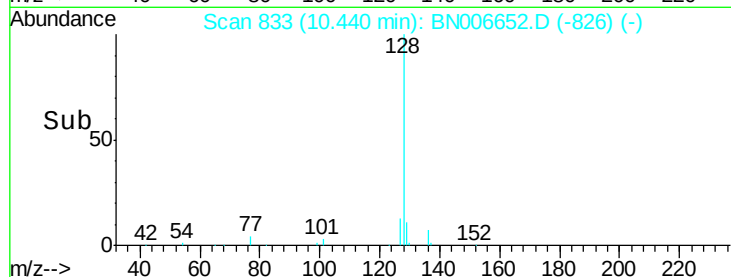
127 13.9 10.8 16.2



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: 0.439 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

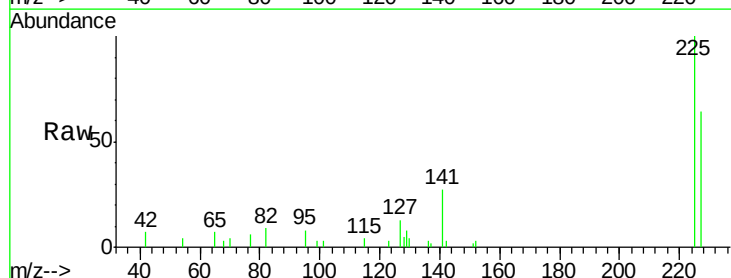
Tgt Ion:225 Resp: 3878

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

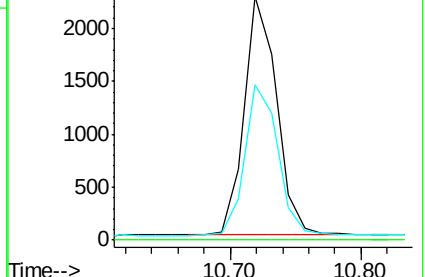
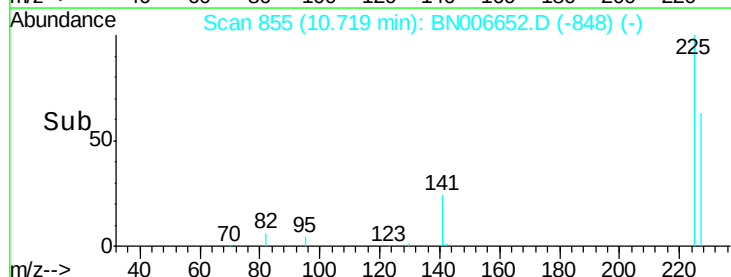
227 64.0 51.4 77.2

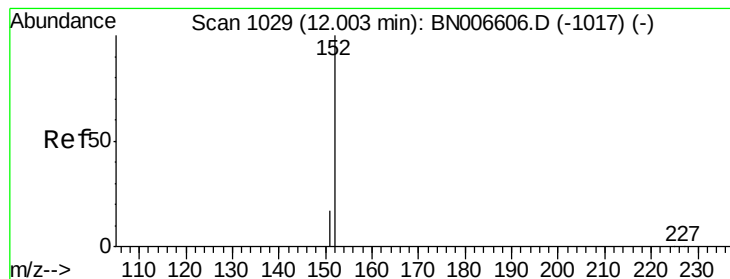


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.00 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

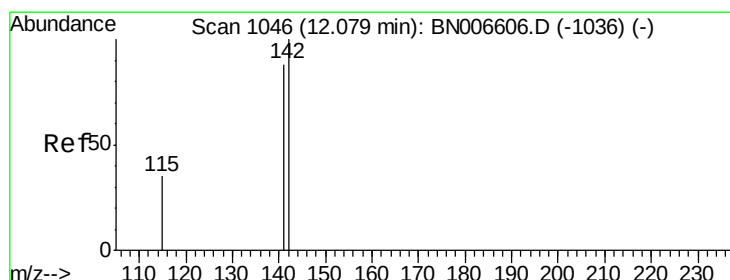
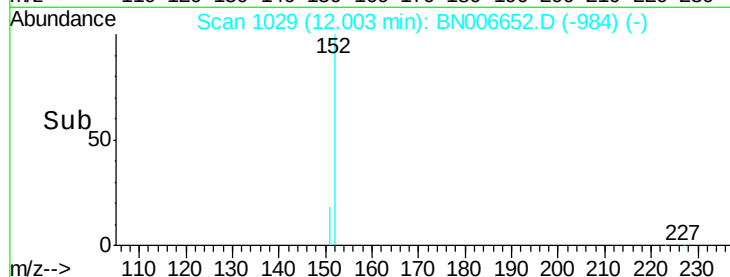
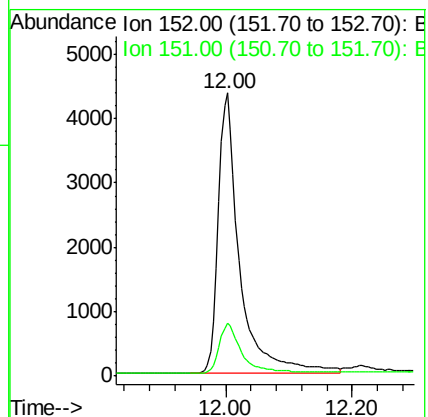
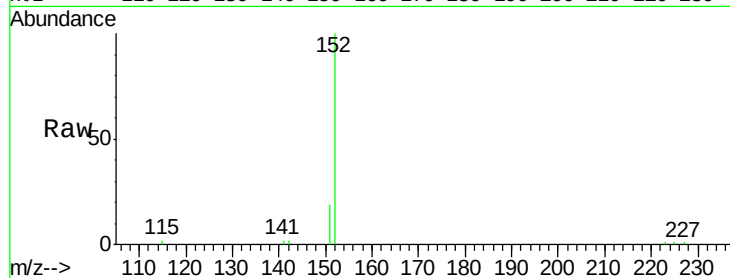
SSTDCCC0.4

Tot Ion:152 Resp: 10107

Ion Ratio Lower Upper

152 100

151 18.5 15.0 22.4



#12

2-Methylnaphthalene

Concen: 0.399 ng

RT: 12.07 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

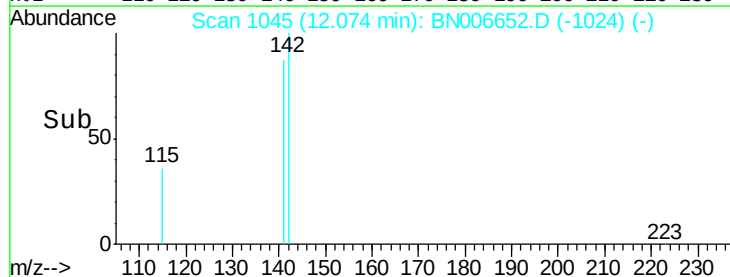
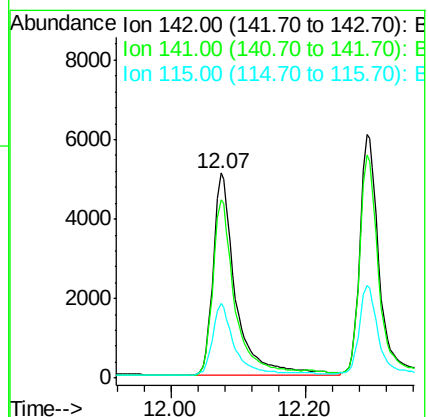
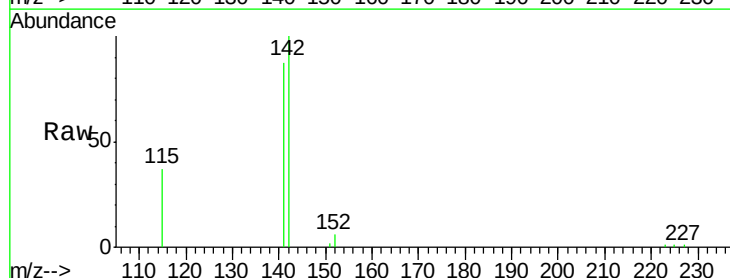
Tgt Ion:142 Resp: 11839

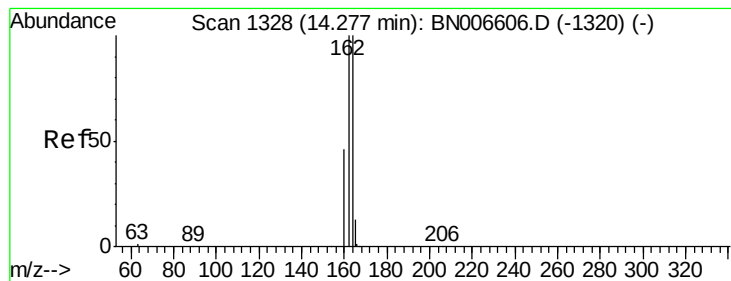
Ion Ratio Lower Upper

142 100

141 87.2 70.2 105.4

115 36.6 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

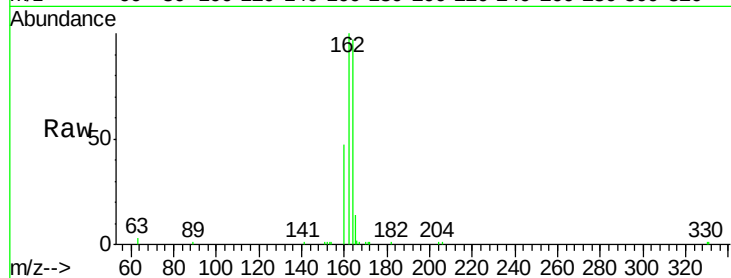
Tot Ion:164 Resp: 9094

Ion Ratio Lower Upper

164 100

162 103.1 80.0 120.0

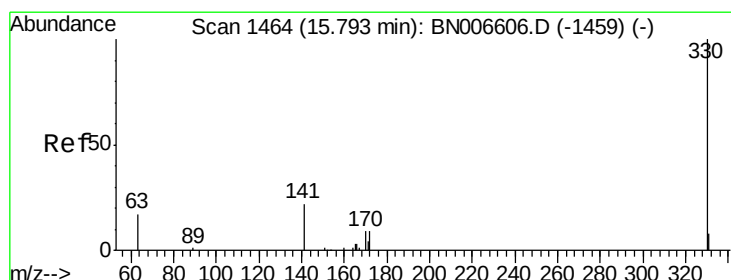
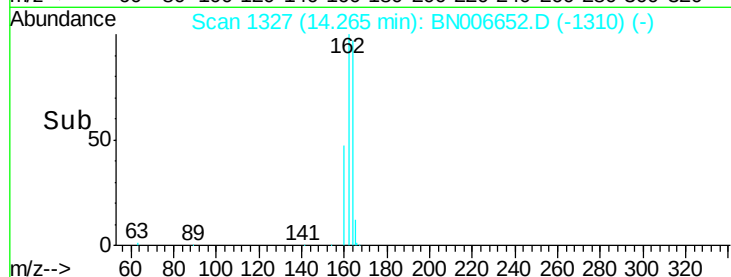
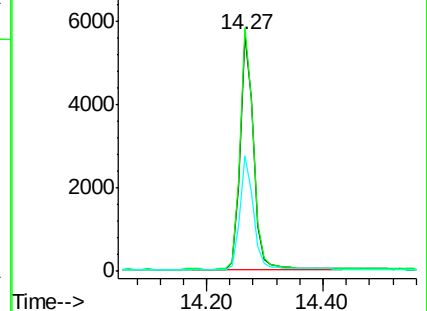
160 48.7 37.0 55.4



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: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

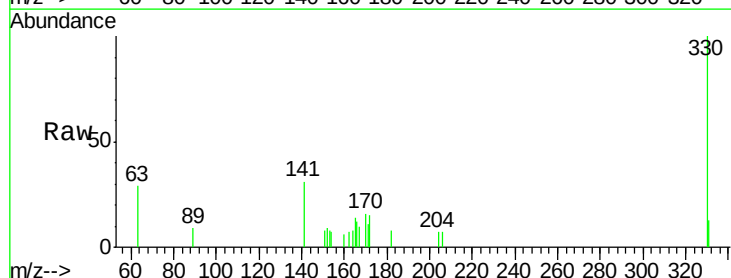
Tgt Ion:330 Resp: 1621

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

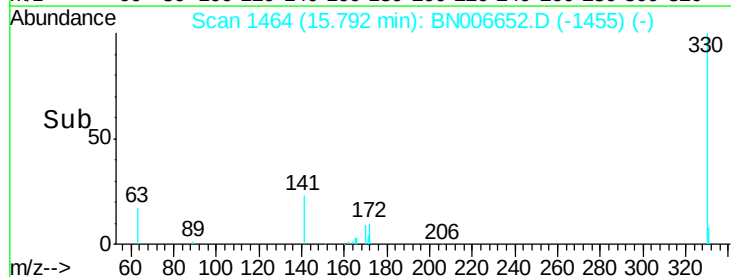
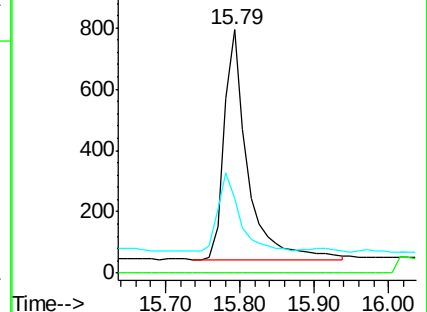
141 31.6 26.5 39.7

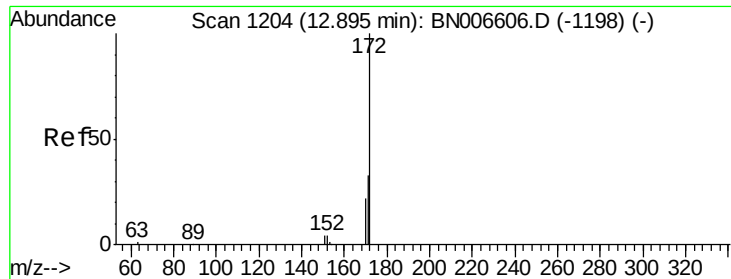


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

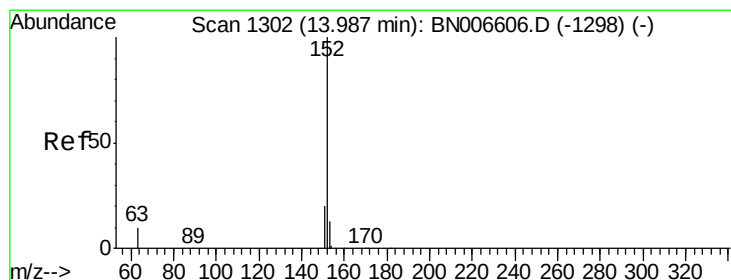
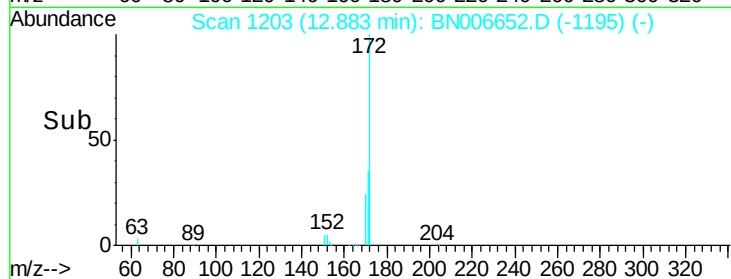
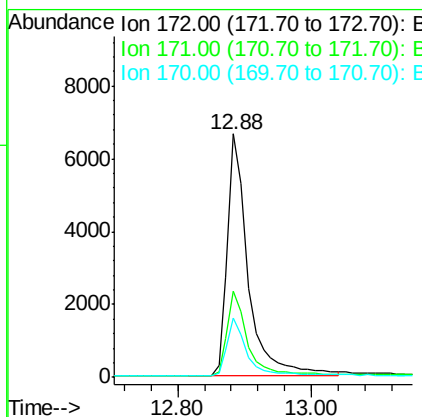
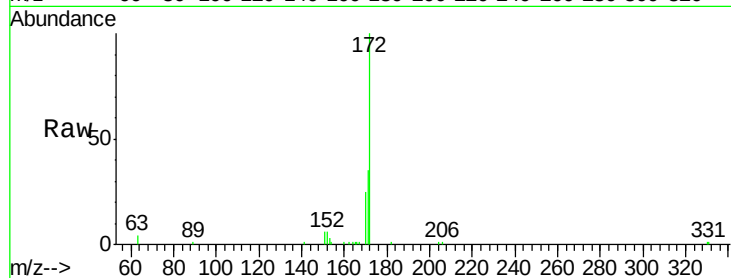




#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006652.D
Acq: 01 Jul 2019 08:39

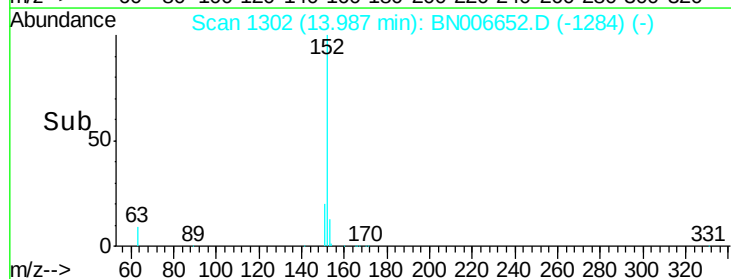
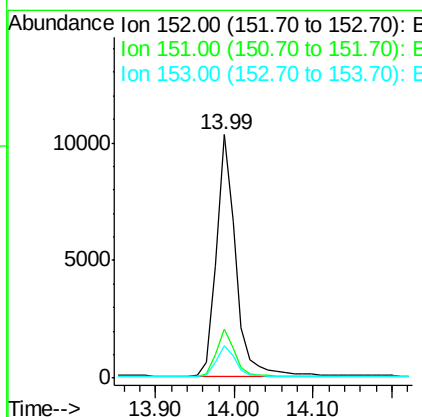
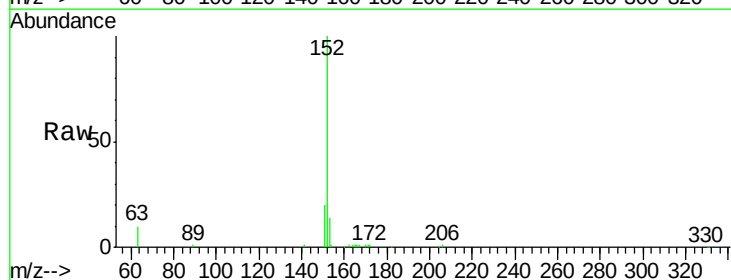
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

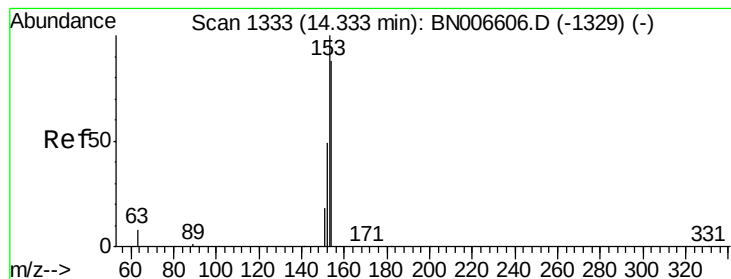
Tot Ion:172 Resp: 14217
Ion Ratio Lower Upper
172 100
171 35.2 27.0 40.4
170 24.6 17.7 26.5



#16
Acenaphthylene
Concen: 0.408 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006652.D
Acq: 01 Jul 2019 08:39

Tgt Ion:152 Resp: 17672
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.423 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

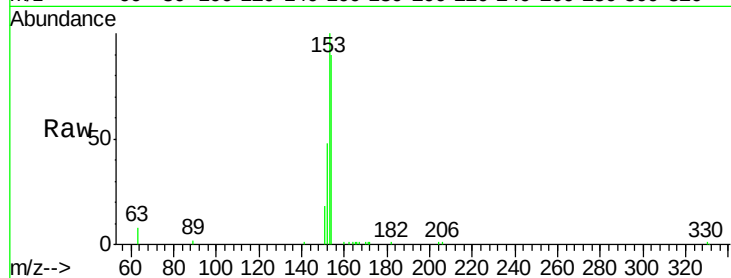
Tot Ion:154 Resp: 12082

Ion Ratio Lower Upper

154 100

153 112.8 90.2 135.4

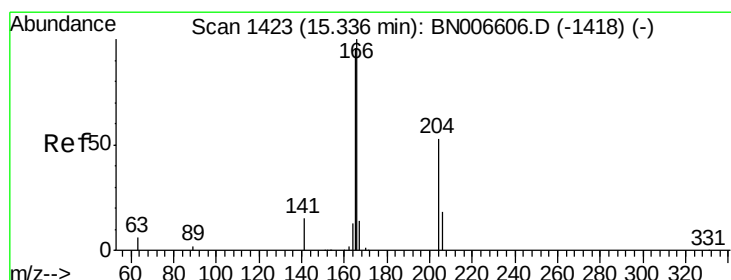
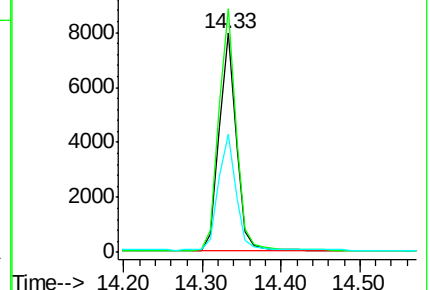
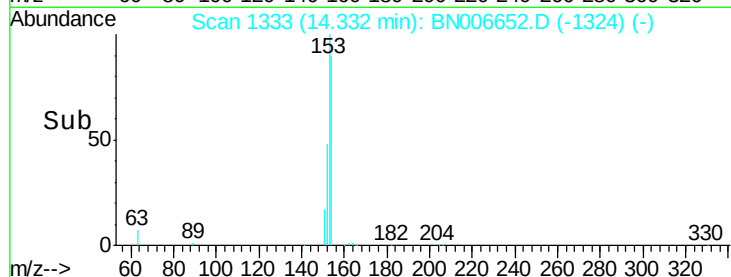
152 54.4 44.2 66.4



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: 0.403 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

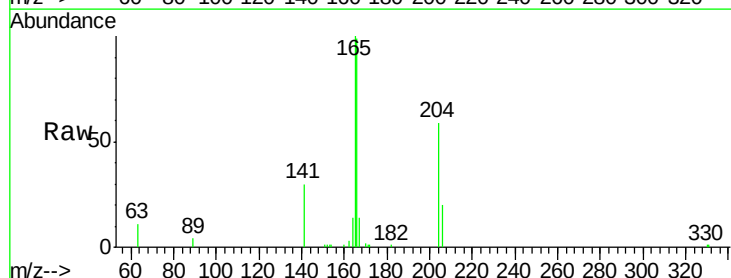
Tgt Ion:166 Resp: 14524

Ion Ratio Lower Upper

166 100

165 97.7 78.4 117.6

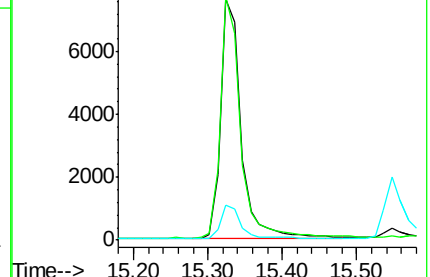
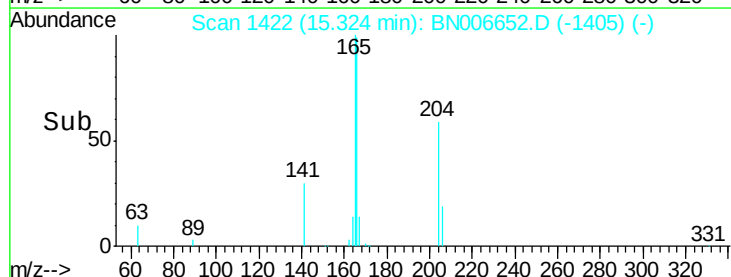
167 13.5 10.8 16.2

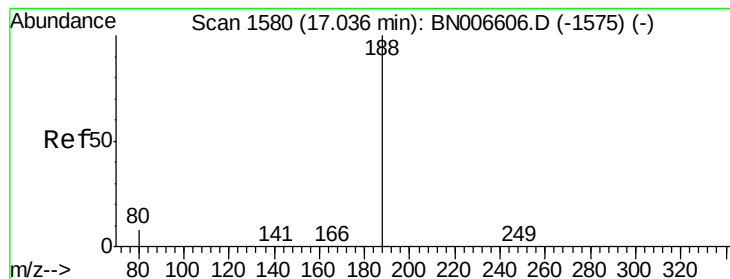


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.04 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

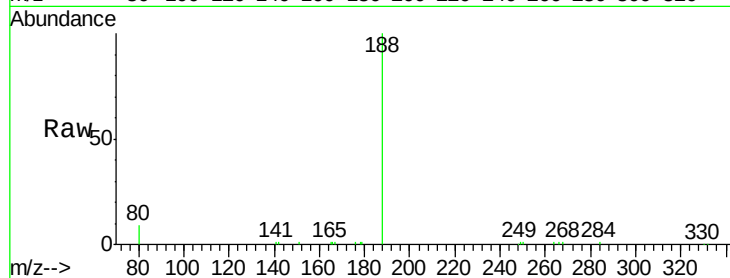
Tot Ion:188 Resp: 19989

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

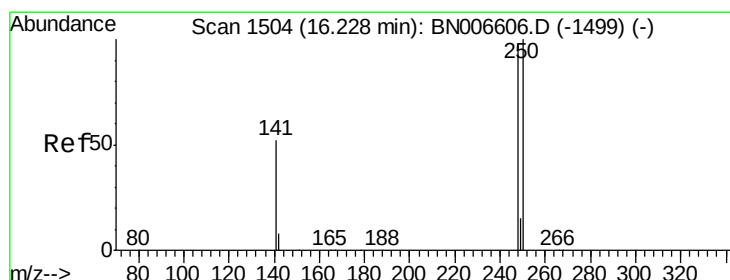
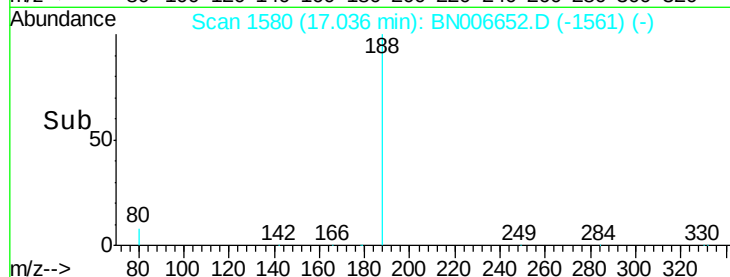
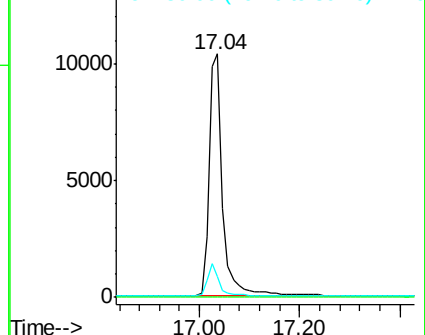
80 8.7 7.1 10.7



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: 0.424 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

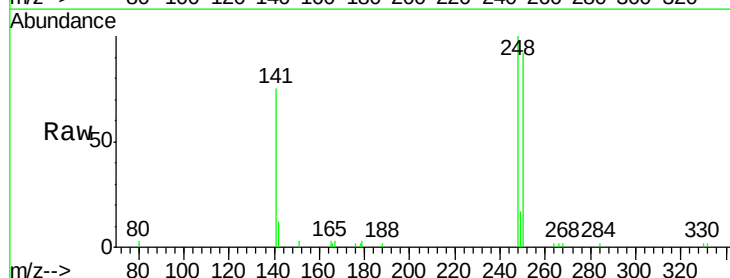
Tgt Ion:248 Resp: 4696

Ion Ratio Lower Upper

248 100

250 92.3 82.2 123.4

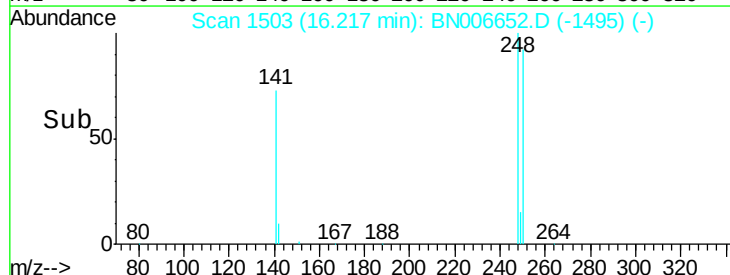
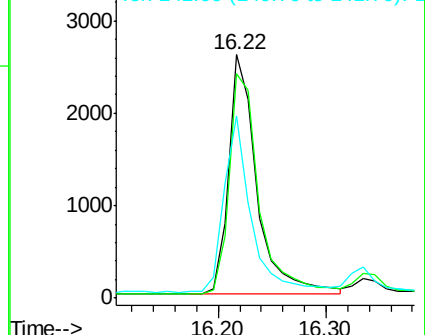
141 74.7 43.8 65.8#

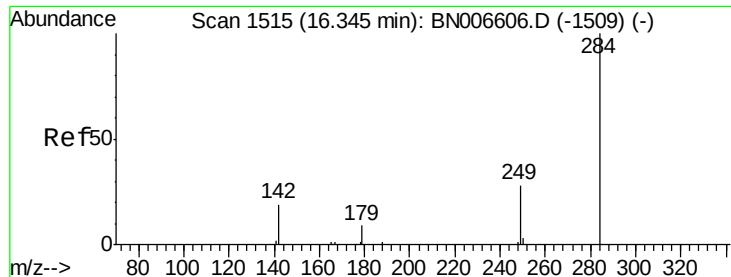


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.436 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

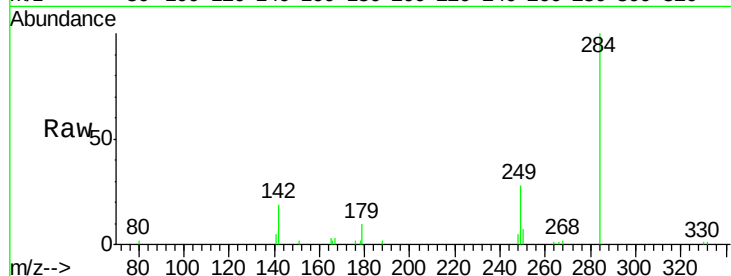
Tot Ion:284 Resp: 6106

Ion Ratio Lower Upper

284 100

142 33.6 27.5 41.3

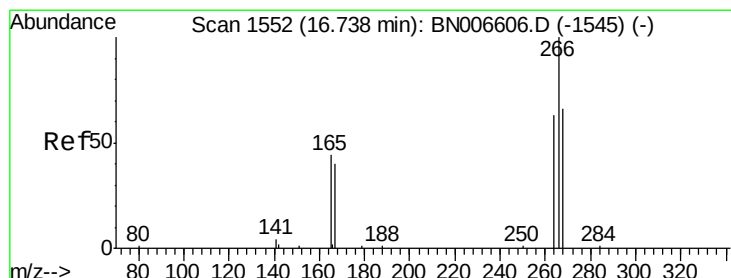
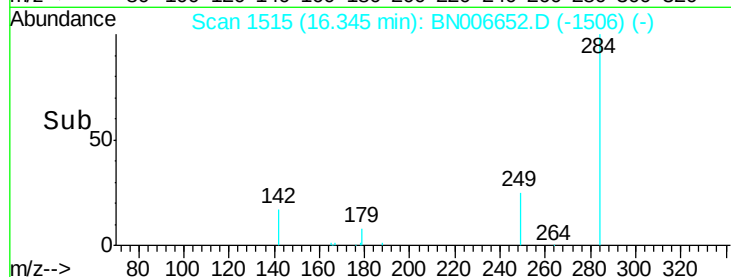
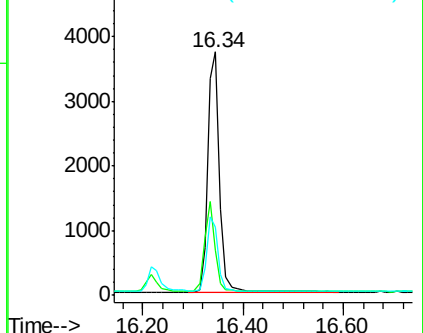
249 29.6 24.7 37.1



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: 0.430 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

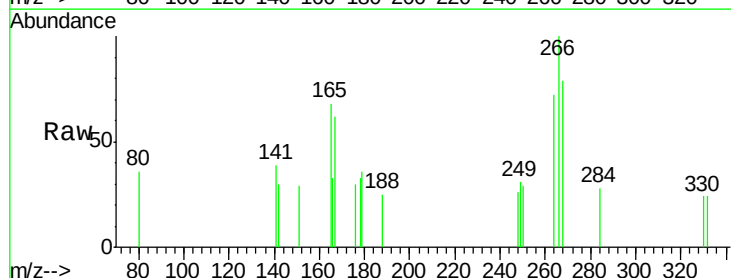
Tgt Ion:266 Resp: 760

Ion Ratio Lower Upper

266 100

264 72.3 56.2 84.4

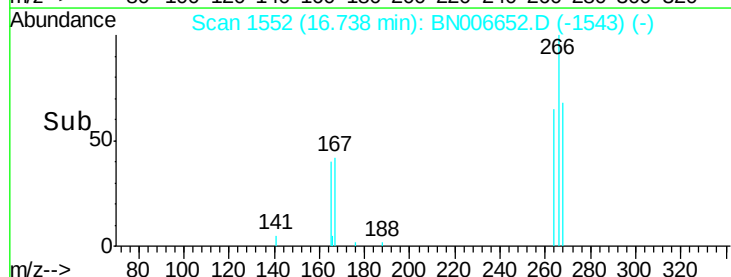
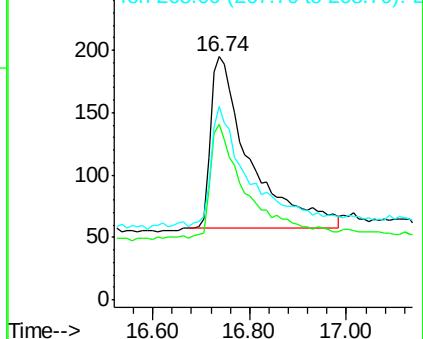
268 79.5 63.0 94.4

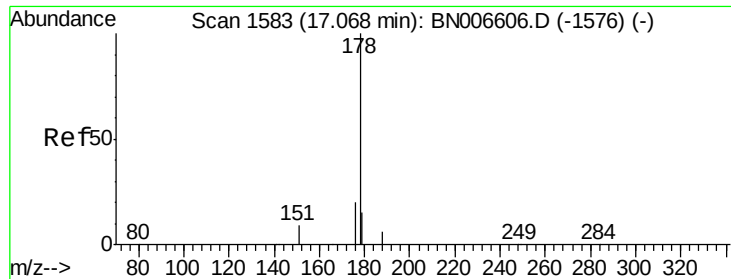


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.413 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

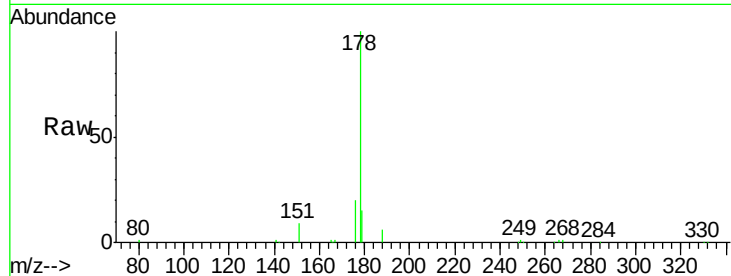
Tot Ion:178 Resp: 23471

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

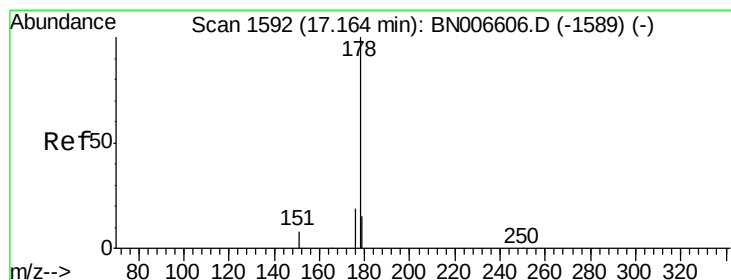
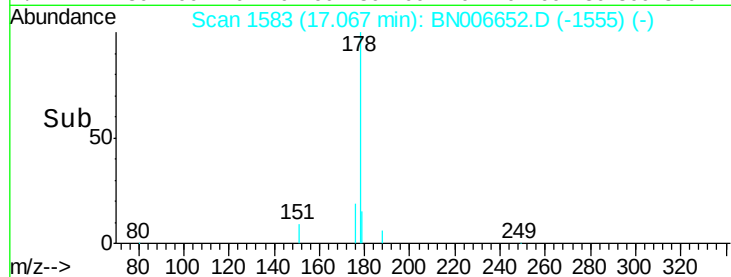
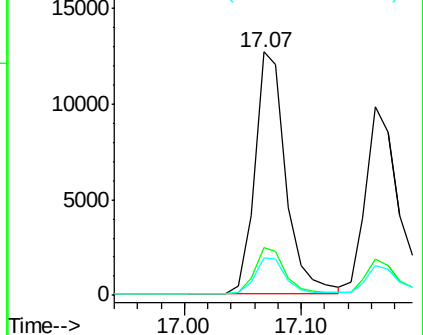
179 15.4 12.2 18.4



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



#24

Anthracene

Concen: 0.404 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

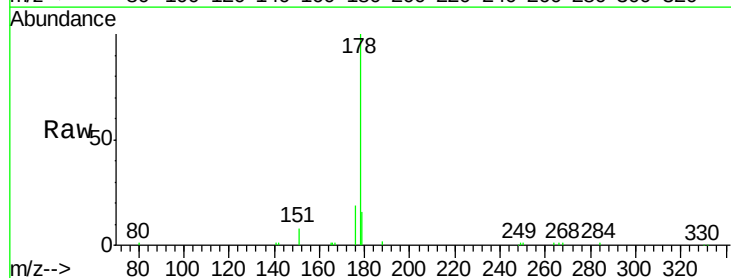
Tgt Ion:178 Resp: 19927

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

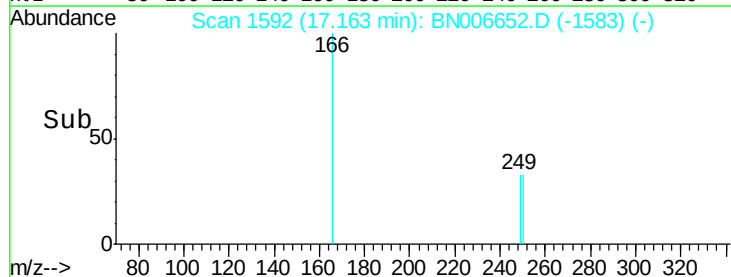
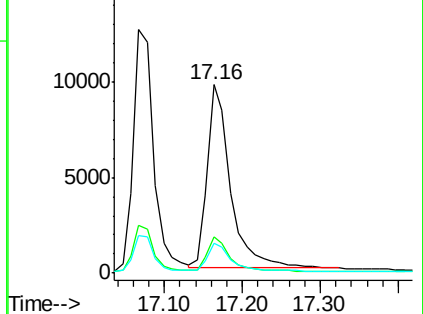
179 15.2 12.2 18.2

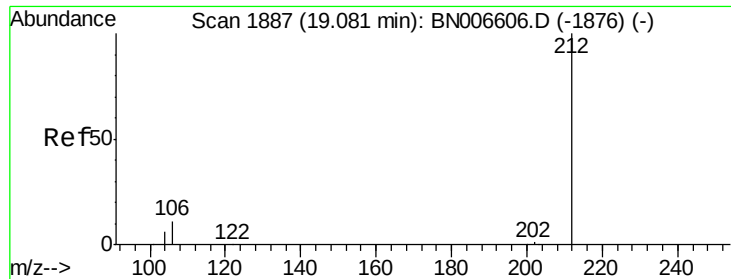


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

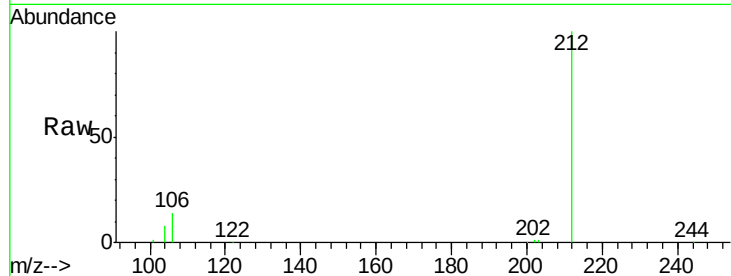
Tot Ion:212 Resp: 24094

Ion Ratio Lower Upper

212 100

106 13.9 10.6 15.8

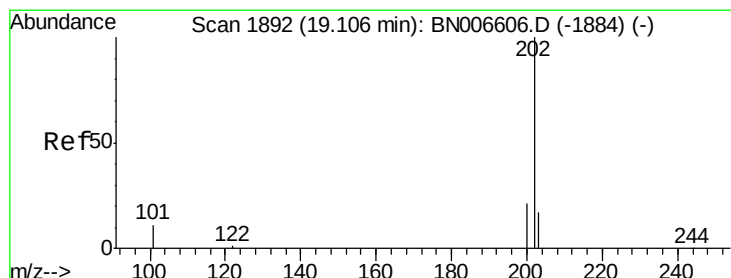
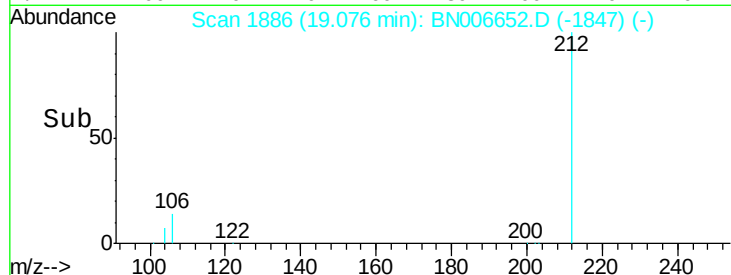
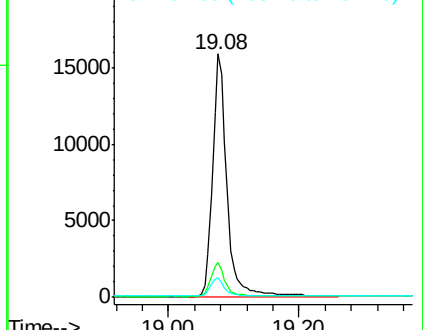
104 7.5 5.8 8.6



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: 0.417 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

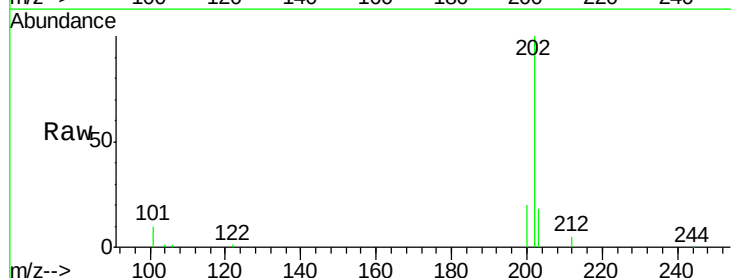
Tgt Ion:202 Resp: 28837

Ion Ratio Lower Upper

202 100

101 11.3 8.9 13.3

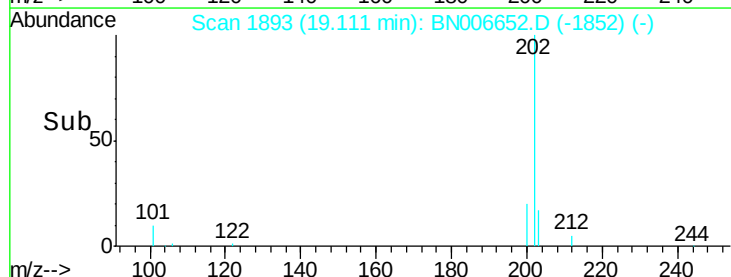
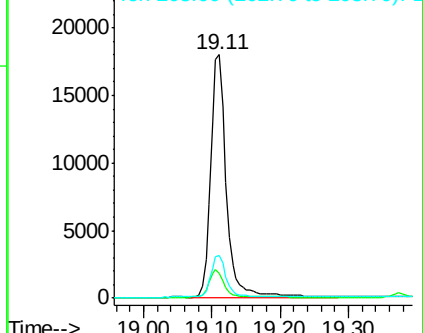
203 16.9 13.6 20.4

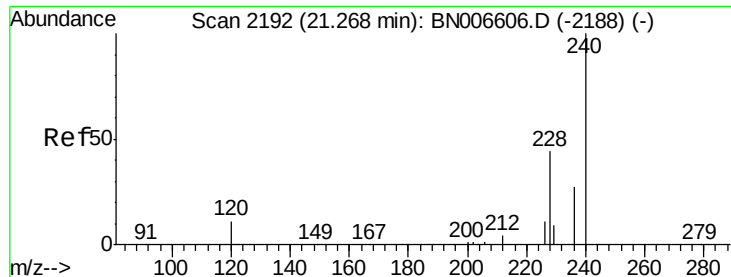


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

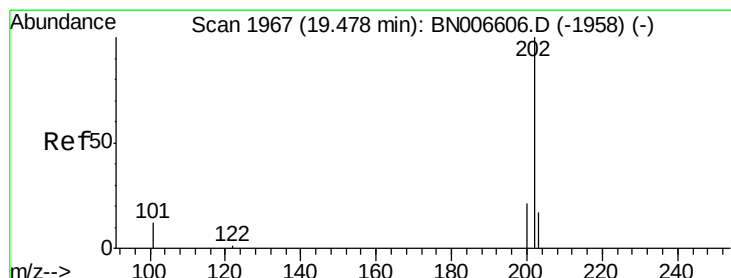
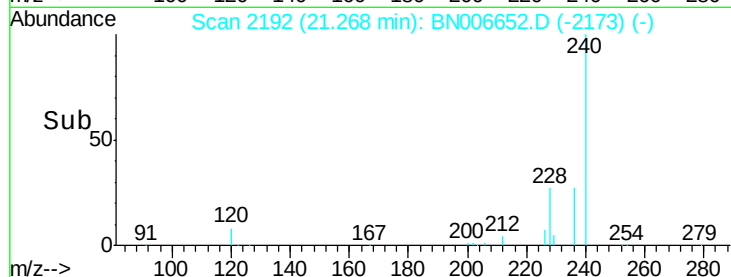
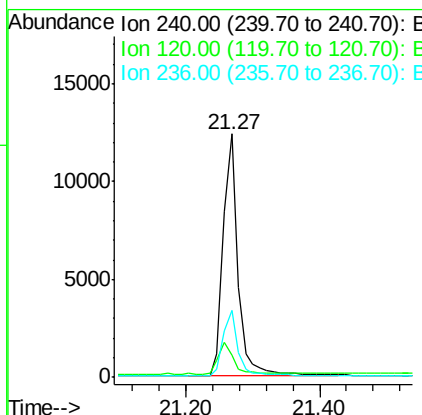
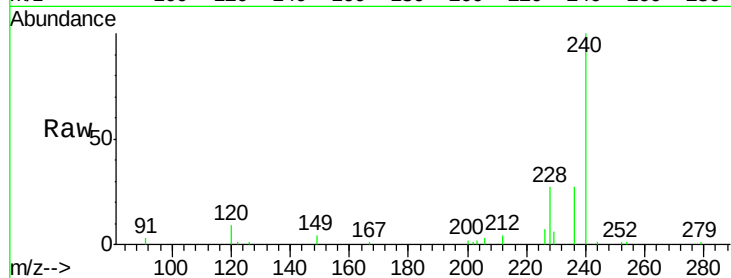




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN006652.D
Acq: 01 Jul 2019 08:39

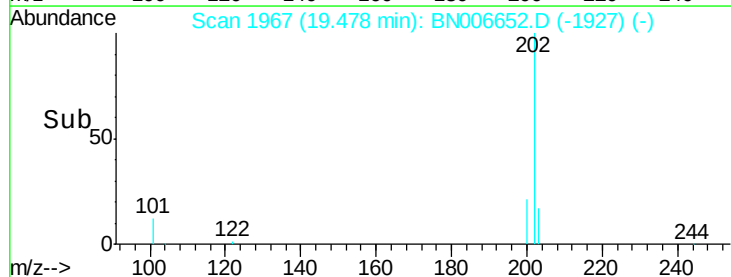
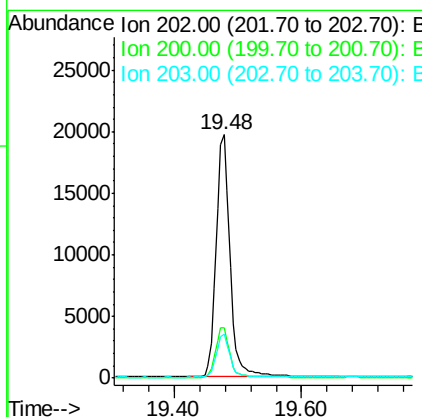
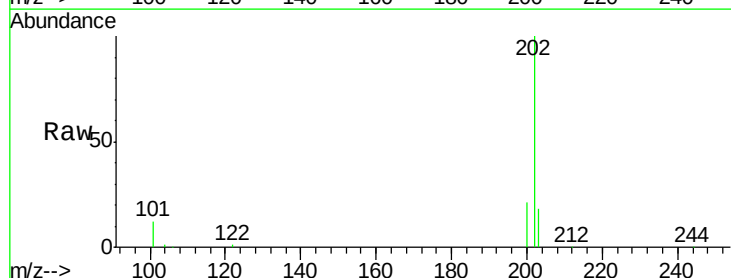
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

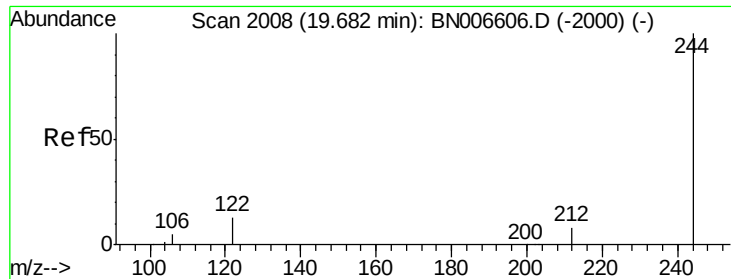
Tot Ion:240 Resp: 19115
Ion Ratio Lower Upper
240 100
120 9.1 9.9 14.9#
236 27.3 22.2 33.4



#28
Pyrene
Concen: 0.449 ng
RT: 19.48 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BN006652.D
Acq: 01 Jul 2019 08:39

Tgt Ion:202 Resp: 30023
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

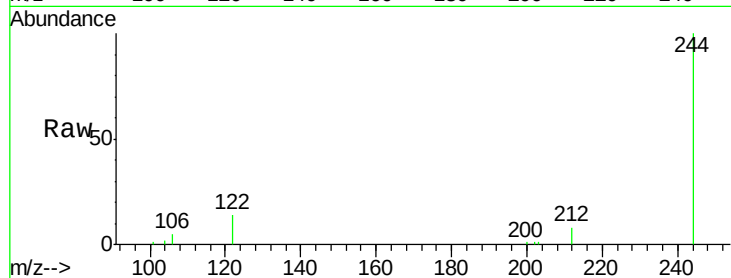
Tot Ion:244 Resp: 17396

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

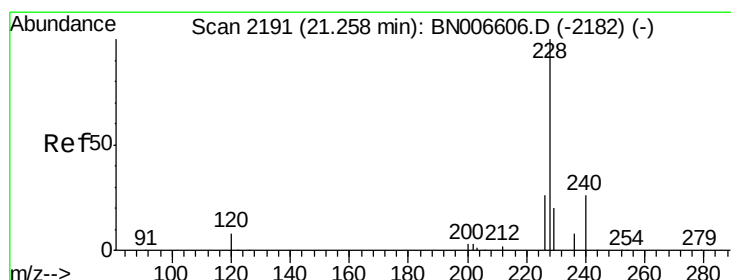
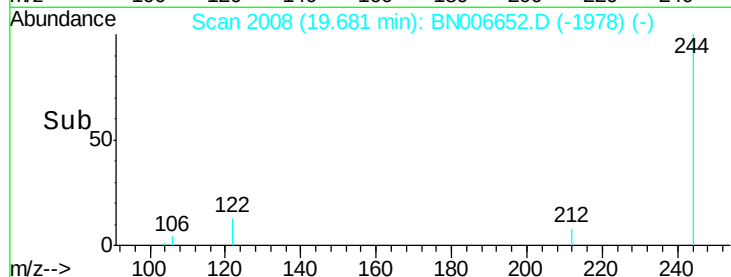
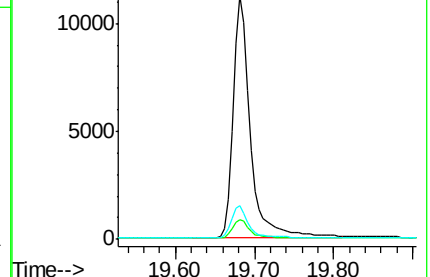
122 13.7 11.0 16.6



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: 0.424 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

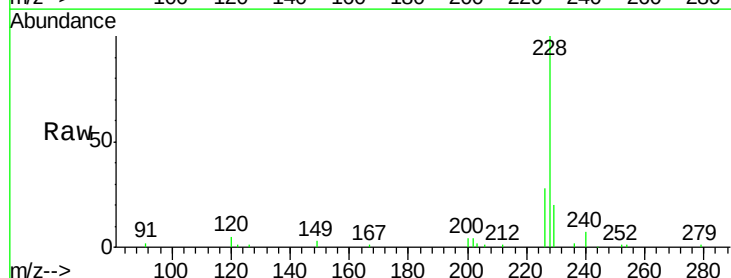
Tgt Ion:228 Resp: 26473

Ion Ratio Lower Upper

228 100

226 27.8 21.2 31.8

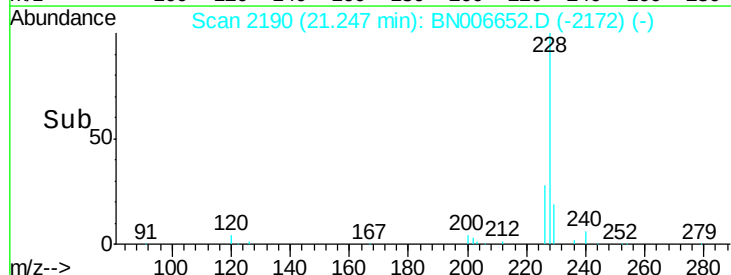
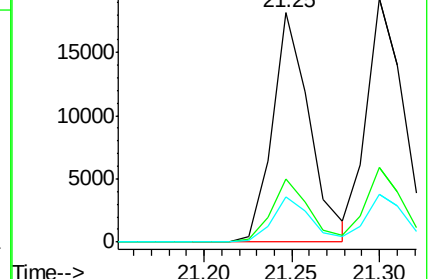
229 19.8 16.1 24.1

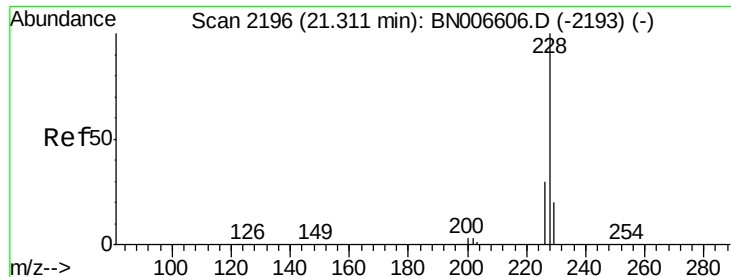


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.429 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

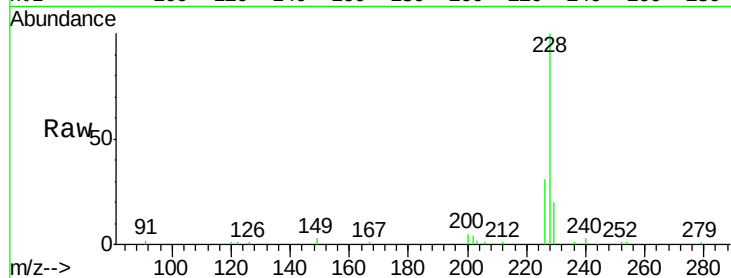
Tot Ion:228 Resp: 28904

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.6

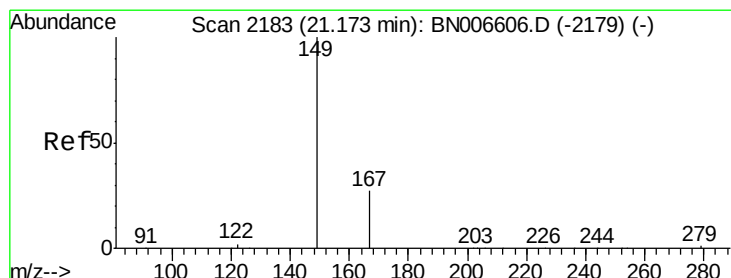
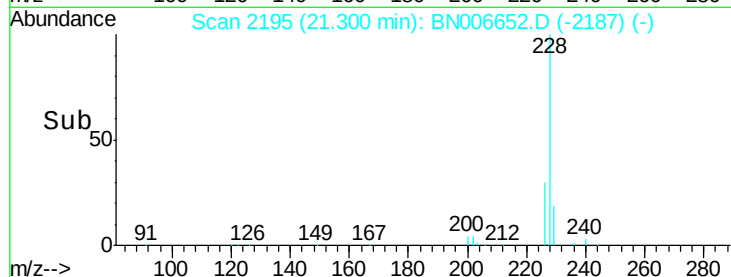
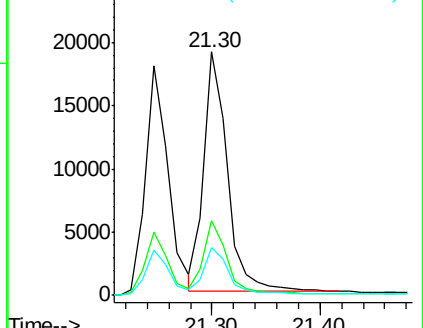
229 19.7 15.9 23.9



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: 0.469 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

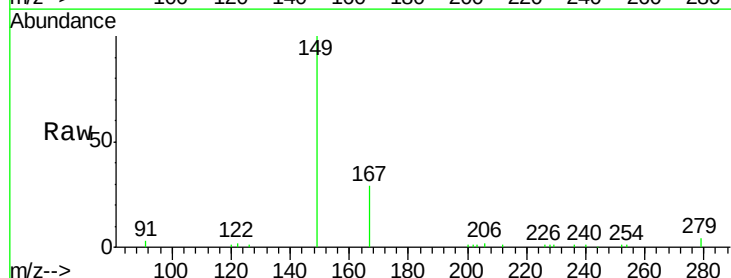
Tgt Ion:149 Resp: 14741

Ion Ratio Lower Upper

149 100

167 28.7 22.9 34.3

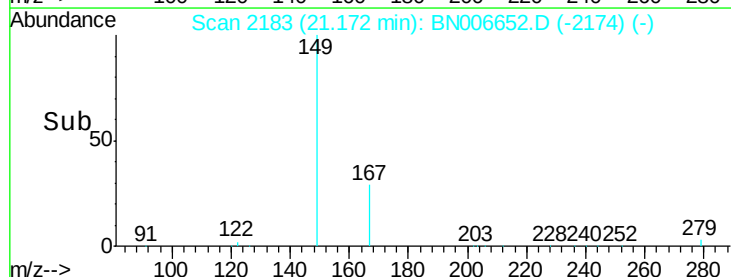
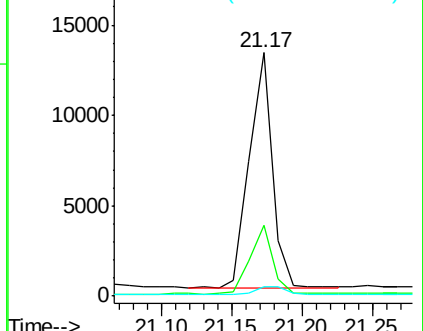
279 4.0 3.3 4.9

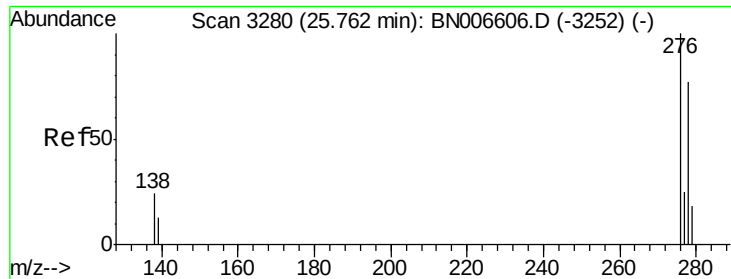


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.533 ng

RT: 25.75 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

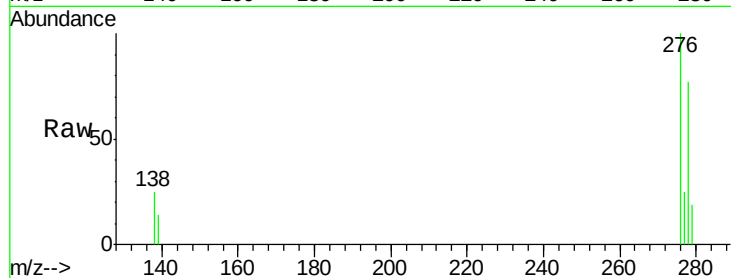
Tot Ion:276 Resp: 36364

Ion Ratio Lower Upper

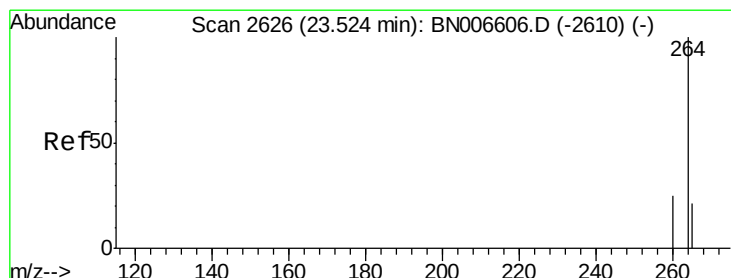
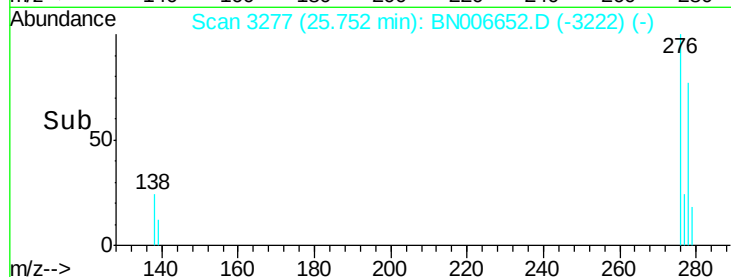
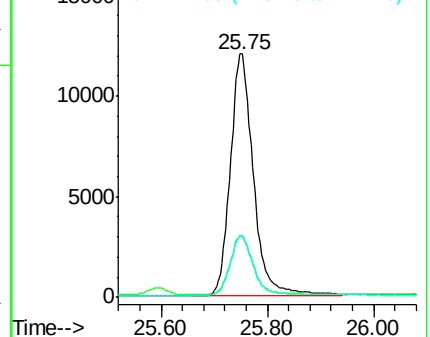
276 100

138 24.6 19.3 28.9

277 24.8 19.9 29.9



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: 23.51 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

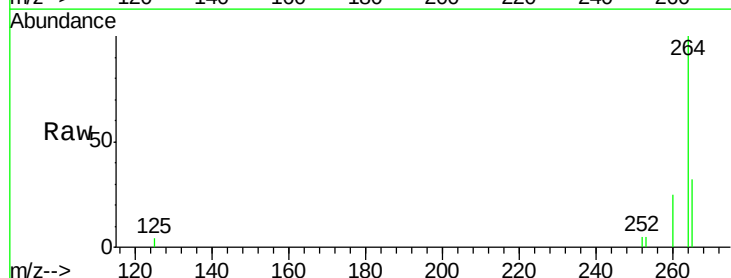
Tgt Ion:264 Resp: 22048

Ion Ratio Lower Upper

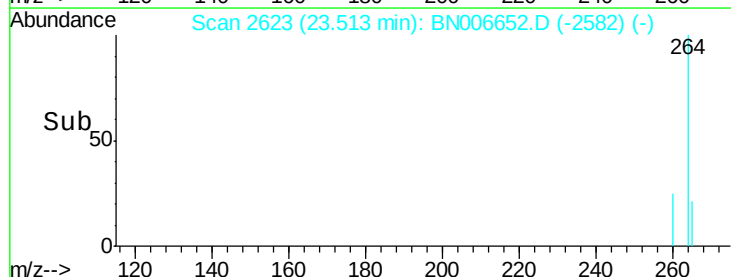
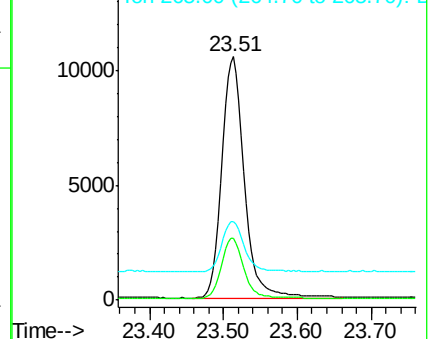
264 100

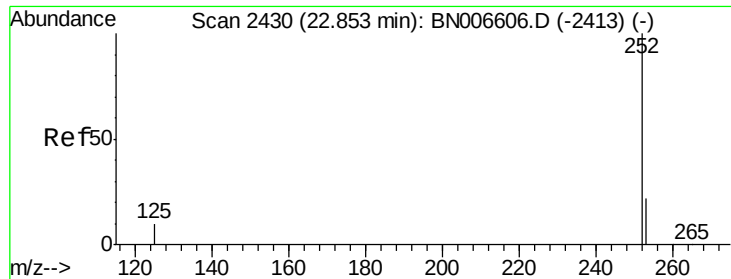
260 25.2 20.2 30.2

265 32.4 23.3 34.9



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

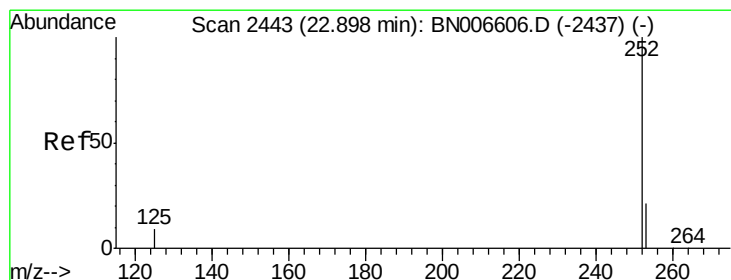
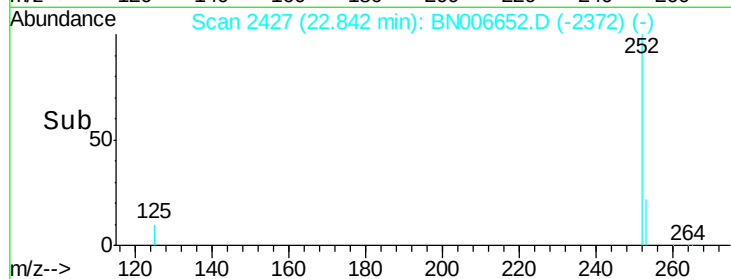
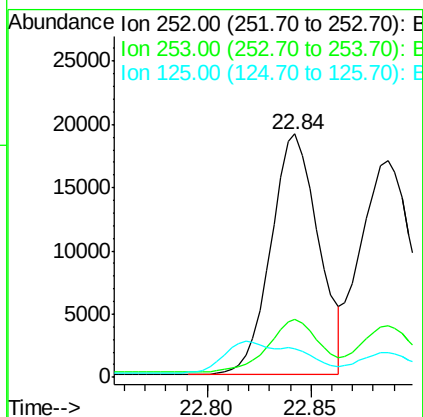
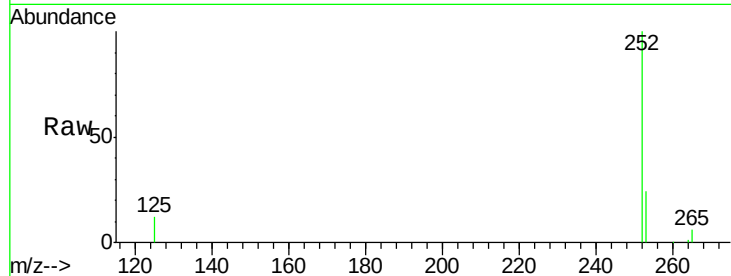




#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 22.84 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BN006652.D
Acq: 01 Jul 2019 08:39

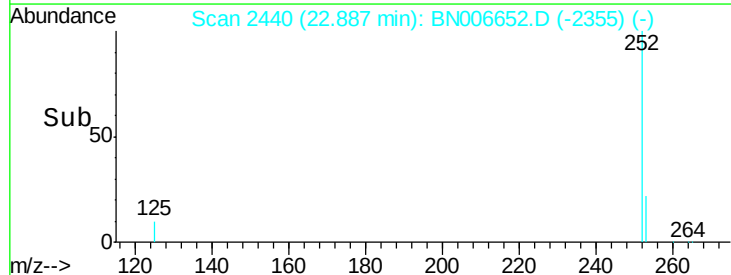
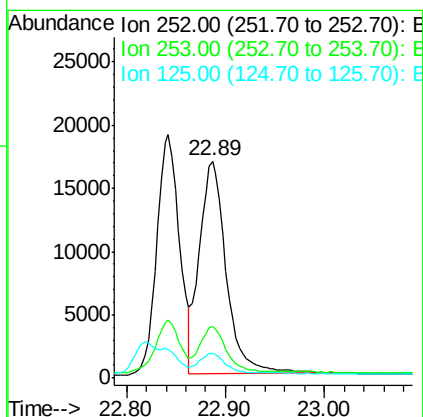
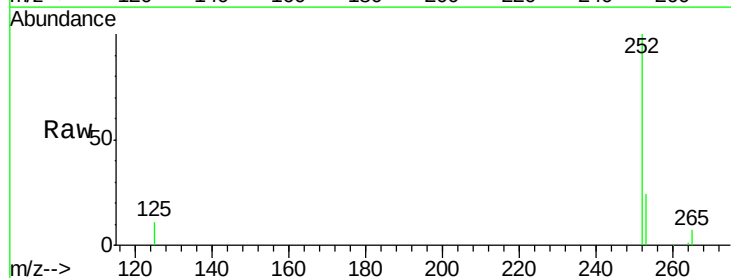
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

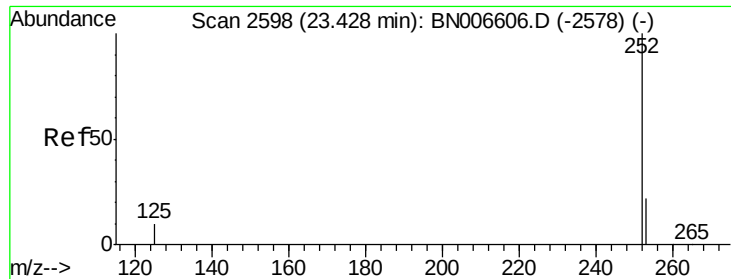
Tot Ion:252 Resp: 30274
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 11.8 8.7 13.1



#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.89 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BN006652.D
Acq: 01 Jul 2019 08:39

Tgt Ion:252 Resp: 32126
Ion Ratio Lower Upper
252 100
253 23.9 18.3 27.5
125 11.4 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.428 ng

RT: 23.41 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

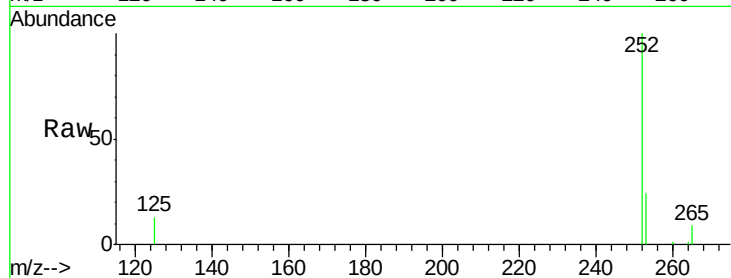
Tot Ion:252 Resp: 30025

Ion Ratio Lower Upper

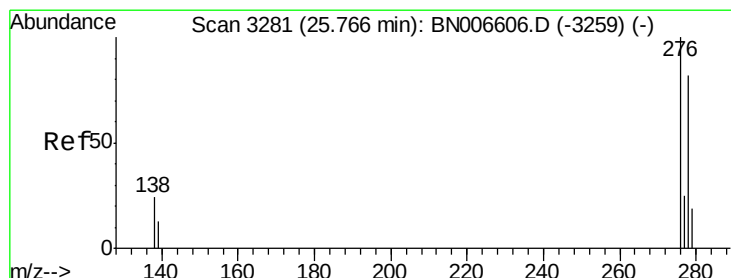
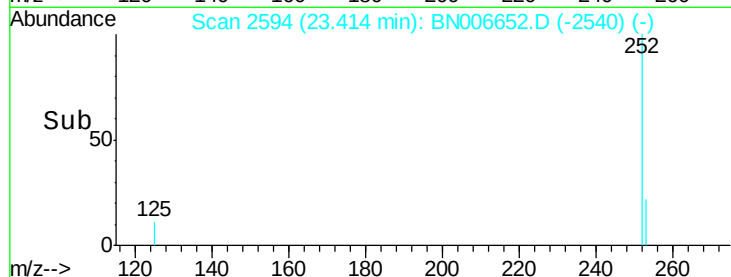
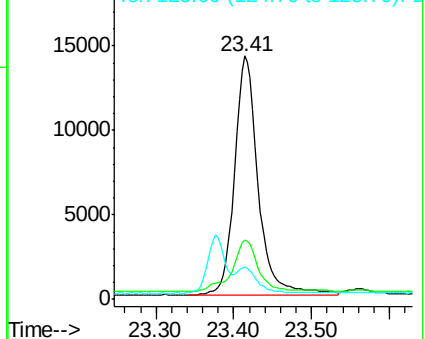
252 100

253 24.4 18.8 28.2

125 13.2 9.4 14.2



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: 0.474 ng

RT: 25.76 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

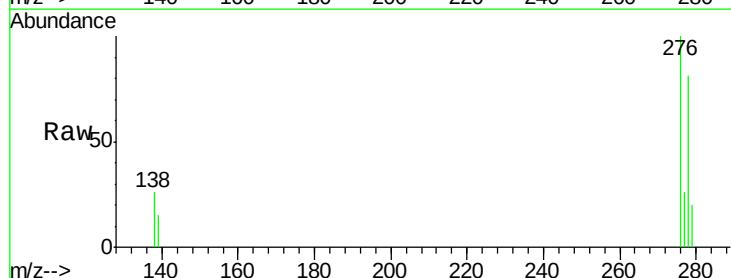
Tgt Ion:278 Resp: 29034

Ion Ratio Lower Upper

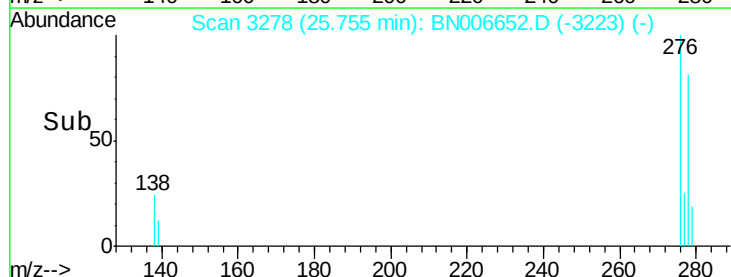
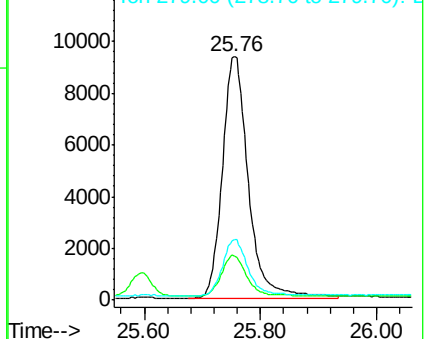
278 100

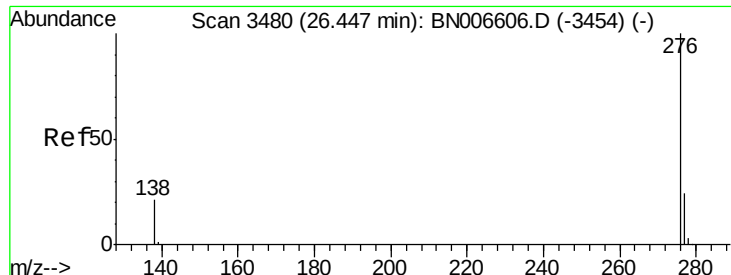
139 18.2 13.5 20.3

279 24.8 19.4 29.2



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: 0.488 ng

RT: 26.44 min Scan# 3477

Delta R.T. -0.01 min

Lab File: BN006652.D

Acq: 01 Jul 2019 08:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

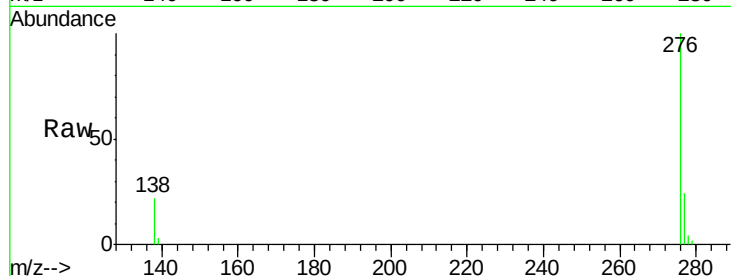
Tot Ion: 276 Resp: 29836

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 22.3 17.7 26.5



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

