

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
 Data File : BN005017.D
 Acq On : 28 Mar 2019 18:02
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Mar 29 03:23:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2536	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	10704	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	6546	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	16408	0.40	ng	0.00
27) Chrysene-d12	21.26	240	18839	0.40	ng	0.00
34) Perylene-d12	23.50	264	18646	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1267	0.18	ng	0.00
5) Phenol-d6	6.86	99	1452	0.17	ng	0.00
8) Nitrobenzene-d5	8.83	82	1127	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	3248	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	659	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	4876	0.18	ng	0.01
25) Fluoranthene-d10	19.10	212	8839	0.16	ng	0.00
29) Terphenyl-d14	19.70	244	8275	0.21	ng	0.00

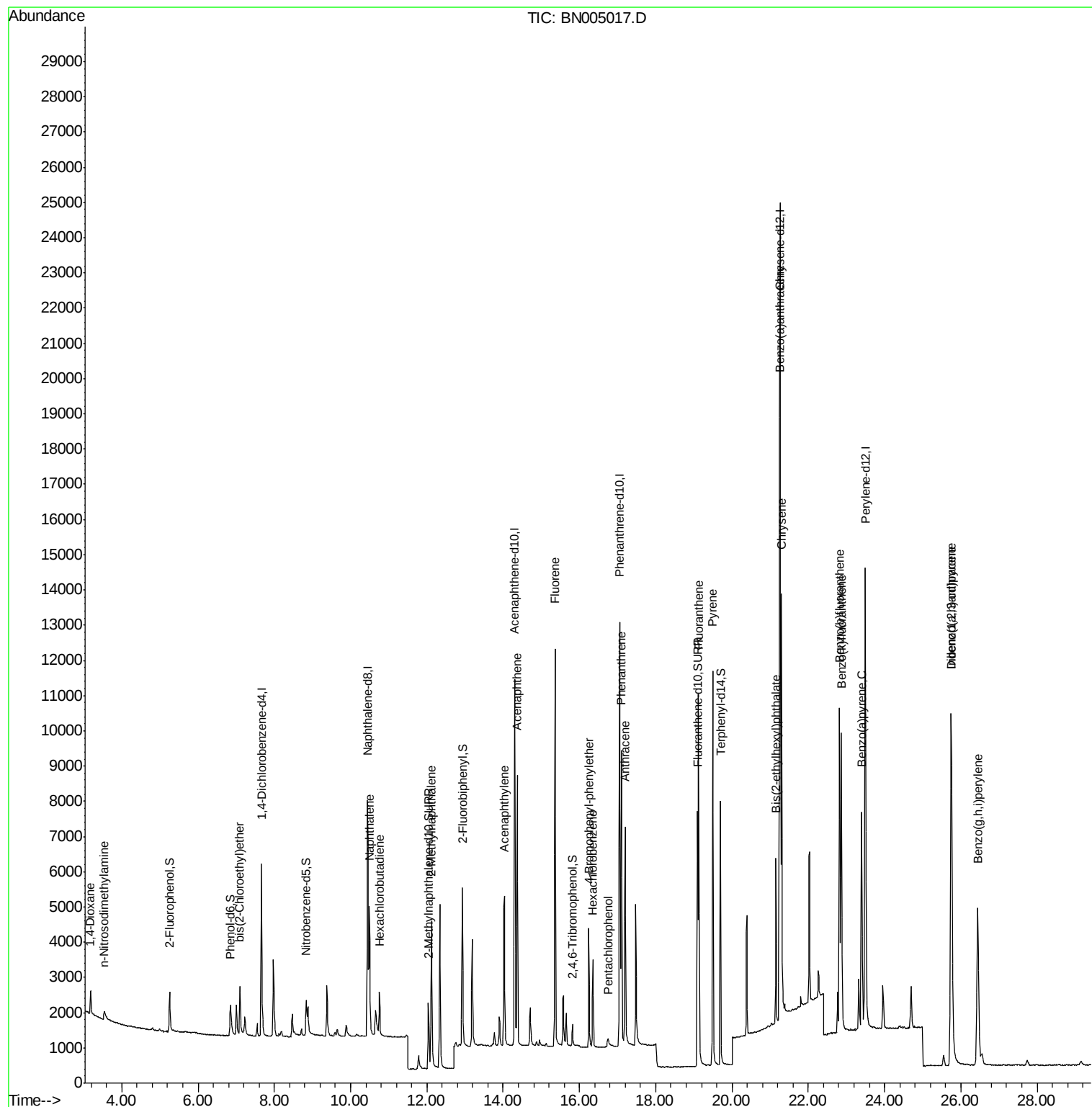
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	591	0.205	ng	94
3) n-Nitrosodimethylamine	3.55	42	251	0.147	ng	# 97
6) bis(2-Chloroethyl)ether	7.10	93	1314	0.170	ng	96
9) Naphthalene	10.49	128	5325	0.177	ng	97
10) Hexachlorobutadiene	10.76	225	994	0.174	ng	# 99
12) 2-Methylnaphthalene	12.12	142	3816	0.171	ng	99
16) Acenaphthylene	14.03	152	5544	0.164	ng	99
17) Acenaphthene	14.37	154	3890	0.176	ng	99
18) Fluorene	15.36	166	5172	0.168	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	1746	0.163	ng	# 94
21) Hexachlorobenzene	16.36	284	1983	0.162	ng	100
22) Pentachlorophenol	16.75	266	314	0.131	ng	88
23) Phenanthrene	17.10	178	8873	0.167	ng	99
24) Anthracene	17.20	178	7428	0.157	ng	99
26) Fluoranthene	19.13	202	10694	0.157	ng	100
28) Pyrene	19.49	202	10959	0.191	ng	100
30) Benzo(a)anthracene	21.25	228	10117	0.164	ng	99
31) Chrysene	21.30	228	12124	0.186	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	4023	0.163	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	12511	0.133	ng	100
35) Benzo(b)fluoranthene	22.82	252	11779	0.175	ng	95
36) Benzo(k)fluoranthene	22.87	252	11349	0.171	ng	96
37) Benzo(a)pyrene	23.40	252	10283	0.166	ng	94
38) Dibenzo(a,h)anthracene	25.76	278	10119	0.141	ng	95
39) Benzo(g,h,i)perylene	26.44	276	10427	0.143	ng	98

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

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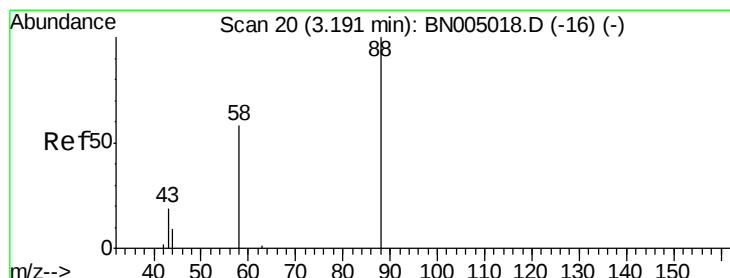
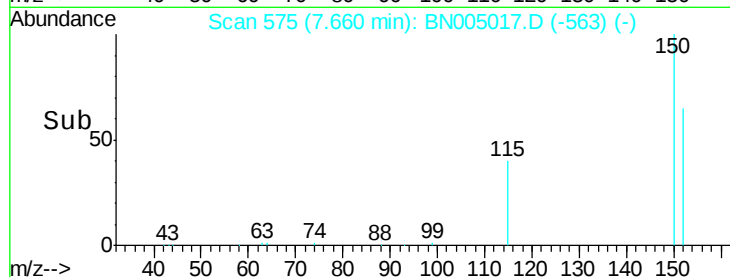
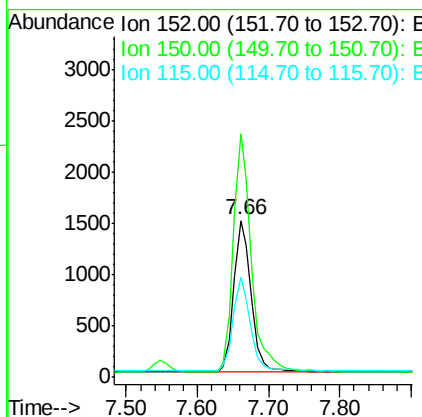
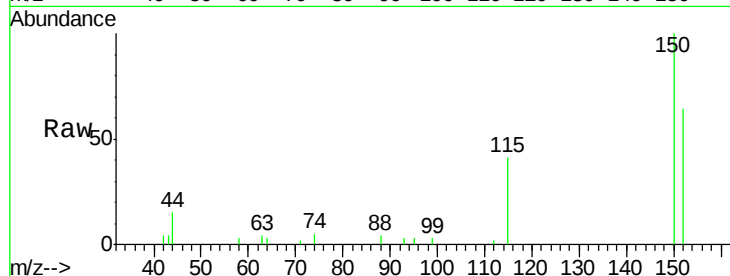




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BN005017.D
 Acq: 28 Mar 2019 18:02

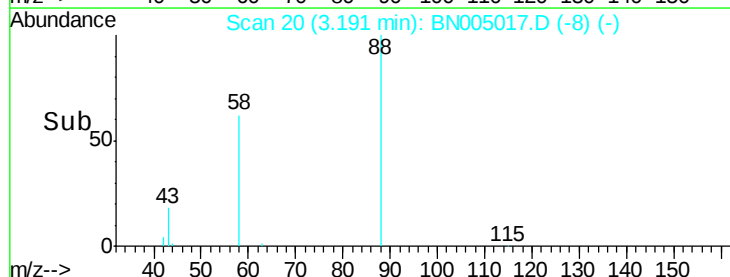
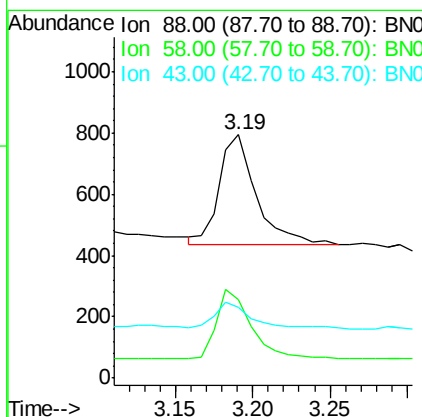
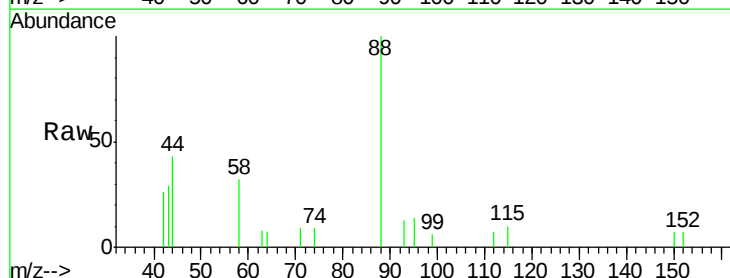
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

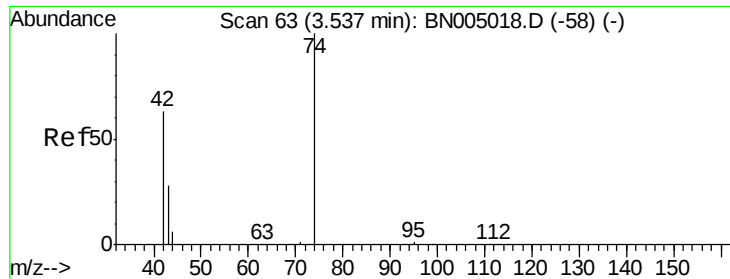
Tgt Ion:152 Resp: 2536
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.4 185.2
 115 64.3 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.205 ng
 RT: 3.19 min Scan# 20
 Delta R.T. 0.00 min
 Lab File: BN005017.D
 Acq: 28 Mar 2019 18:02

Tgt Ion: 88 Resp: 591
 Ion Ratio Lower Upper
 88 100
 58 61.1 52.8 79.2
 43 22.5 19.6 29.4





#3

n-Nitrosodimethylamine

Concen: 0.147 ng

RT: 3.55 min Scan# 64

Delta R.T. 0.01 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

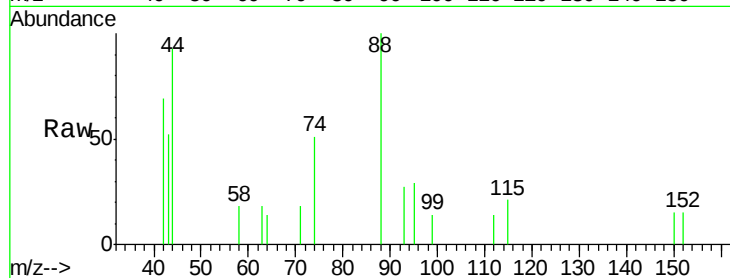
Tgt Ion: 42 Resp: 251

Ion Ratio Lower Upper

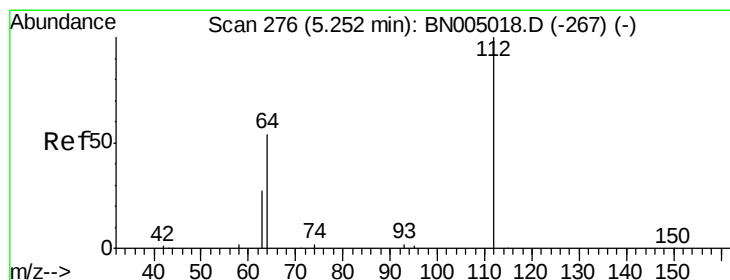
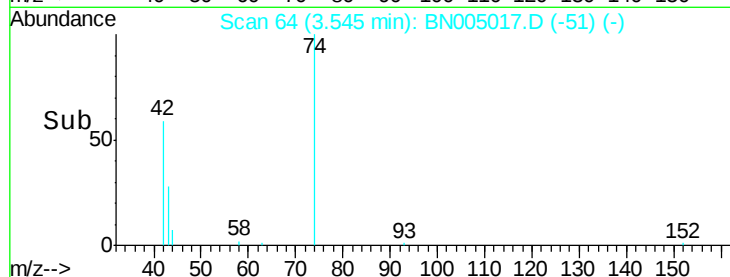
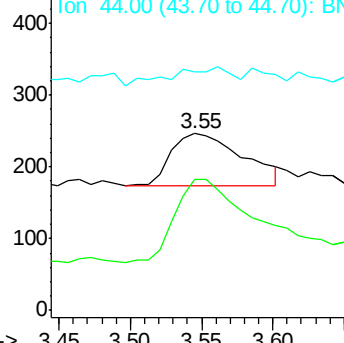
42 100

74 161.0 129.1 193.7

44 29.1 11.6 17.4#



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: 0.184 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

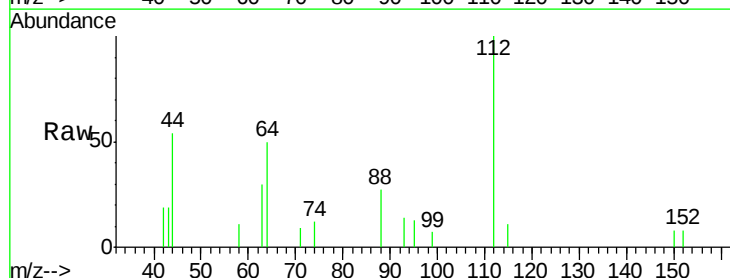
Tgt Ion: 112 Resp: 1267

Ion Ratio Lower Upper

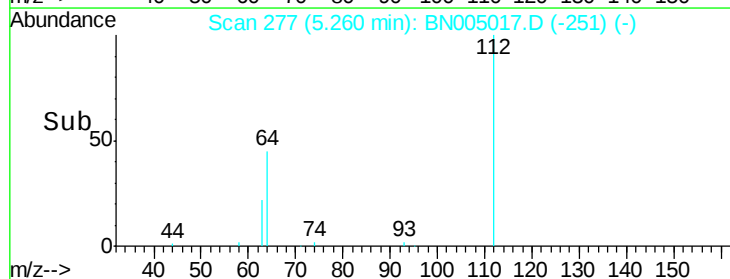
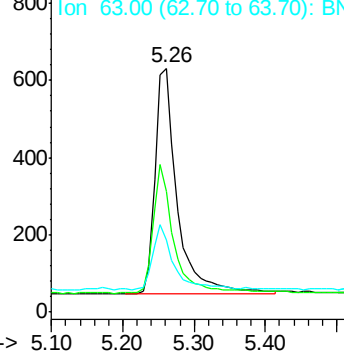
112 100

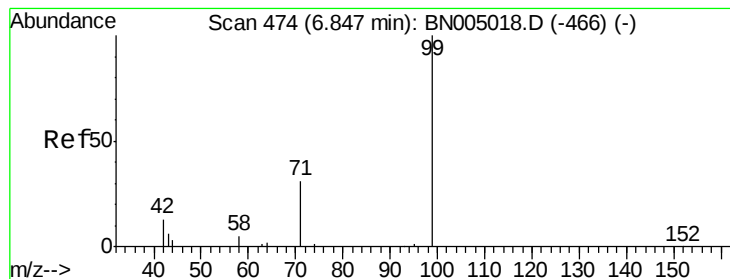
64 51.6 41.9 62.9

63 26.3 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.169 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

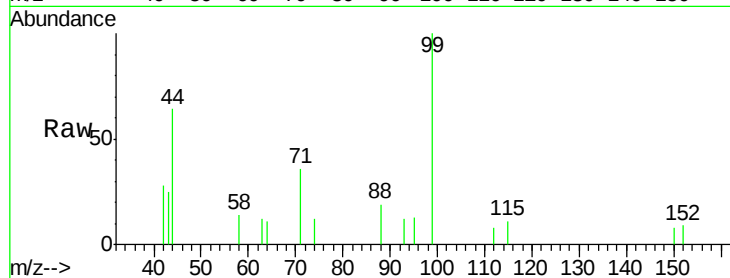
Tgt Ion: 99 Resp: 1452

Ion Ratio Lower Upper

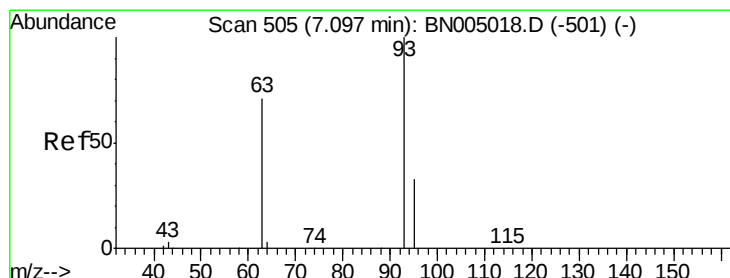
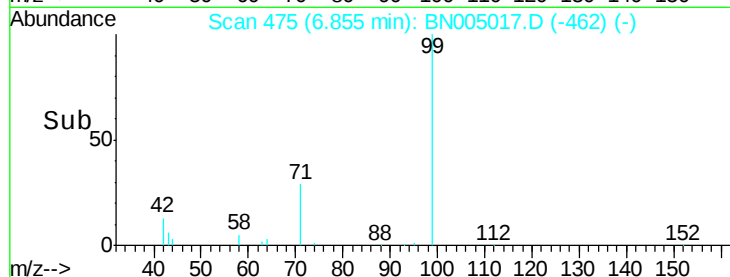
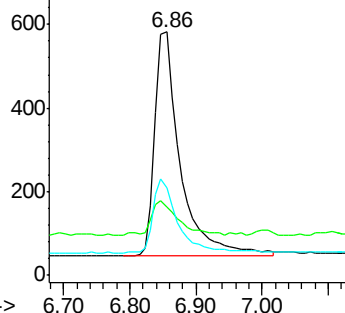
99 100

42 16.5 12.2 18.2

71 31.9 26.1 39.1



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



#6

bis(2-Chloroethyl)ether

Concen: 0.170 ng

RT: 7.10 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

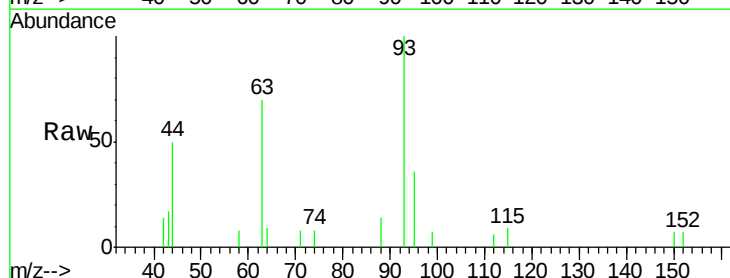
Tgt Ion: 93 Resp: 1314

Ion Ratio Lower Upper

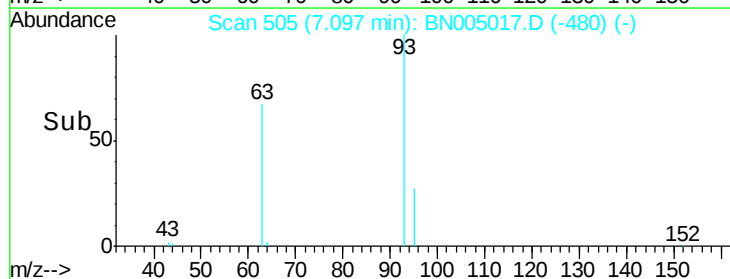
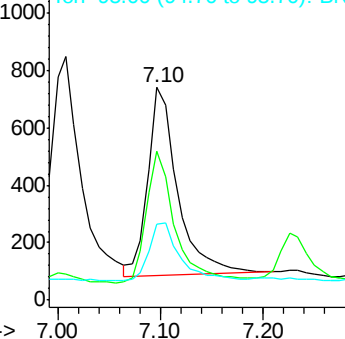
93 100

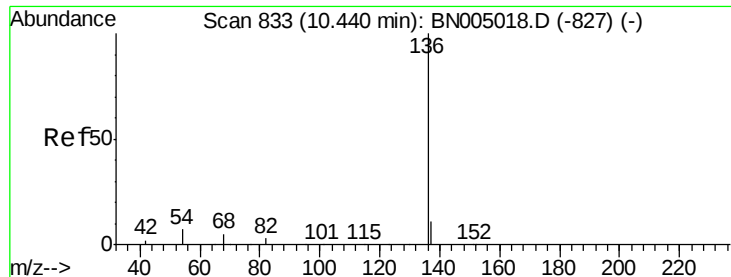
63 68.1 51.8 77.6

95 32.0 24.8 37.2



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 10704

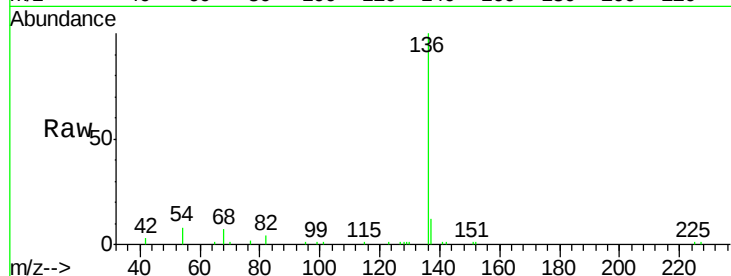
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 8.0 6.0 9.0

68 6.9 5.0 7.6

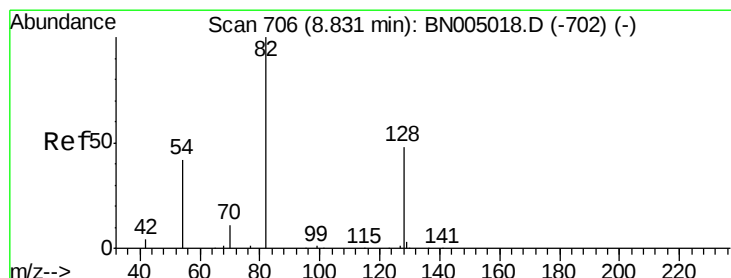
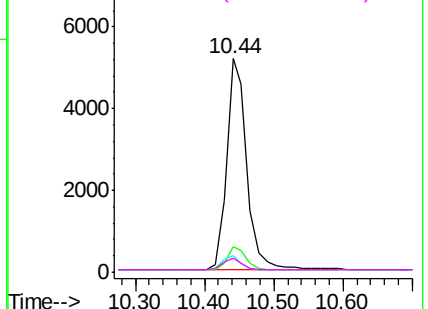
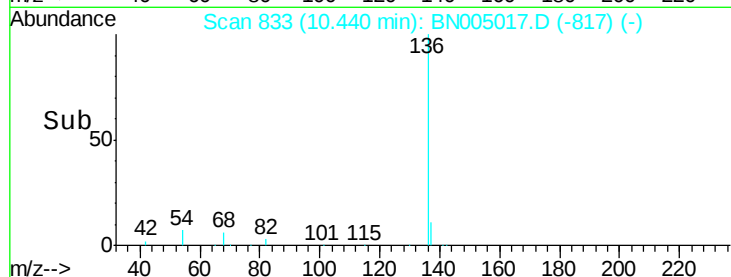


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.159 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

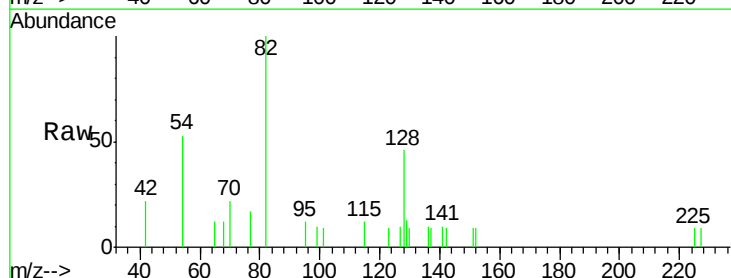
Tgt Ion: 82 Resp: 1127

Ion Ratio Lower Upper

82 100

128 45.7 40.5 60.7

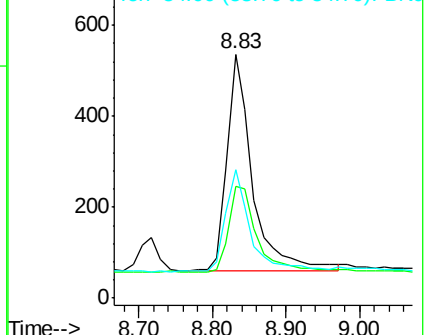
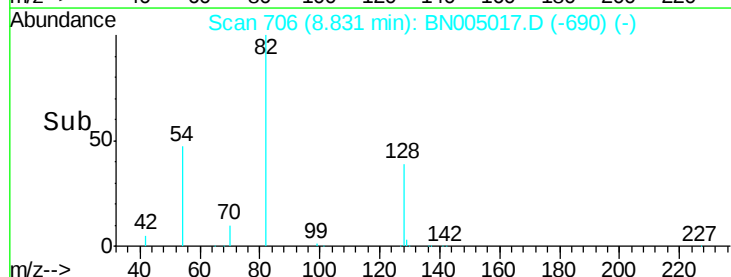
54 52.6 35.7 53.5

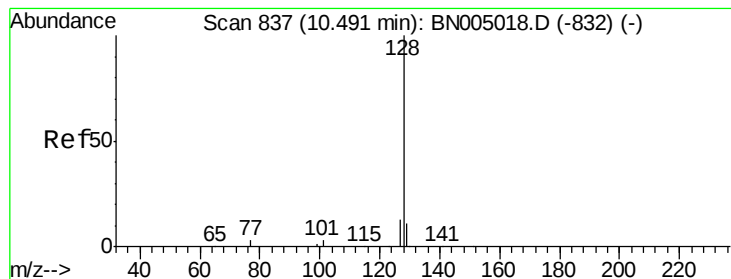


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.177 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

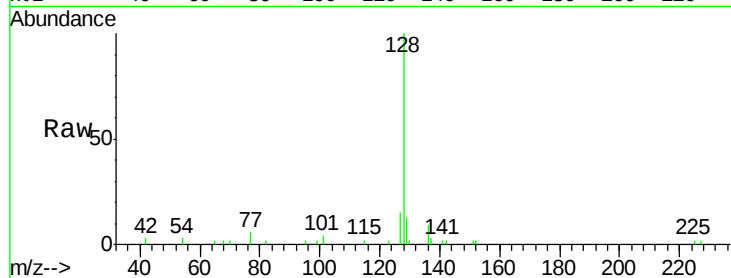
Tgt Ion:128 Resp: 5325

Ion Ratio Lower Upper

128 100

129 12.8 9.4 14.2

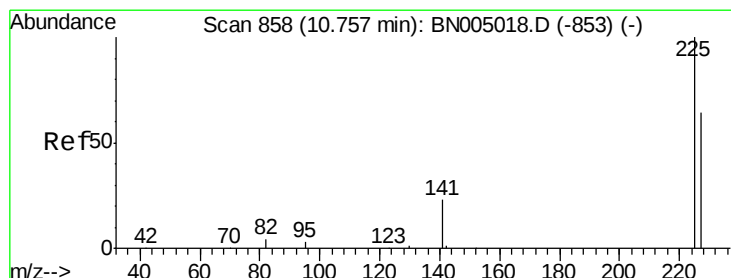
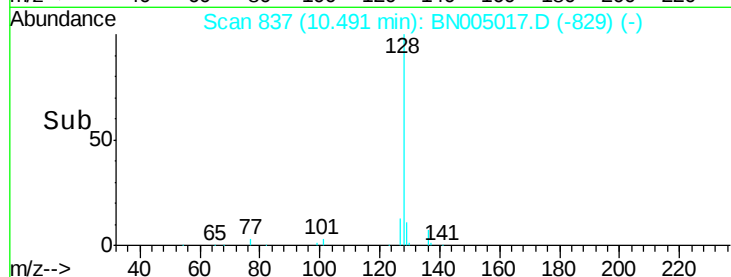
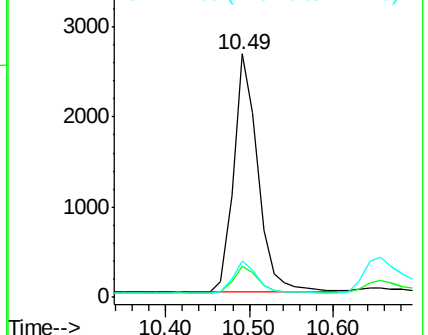
127 14.9 11.0 16.6



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: 0.174 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

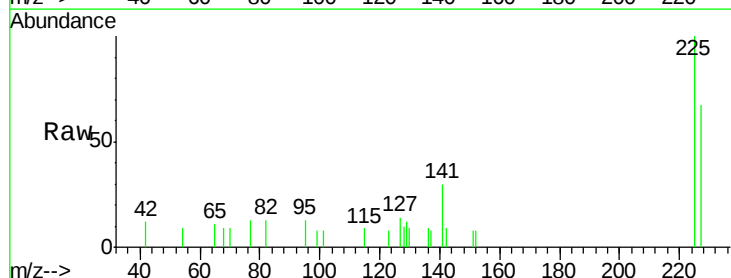
Tgt Ion:225 Resp: 994

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

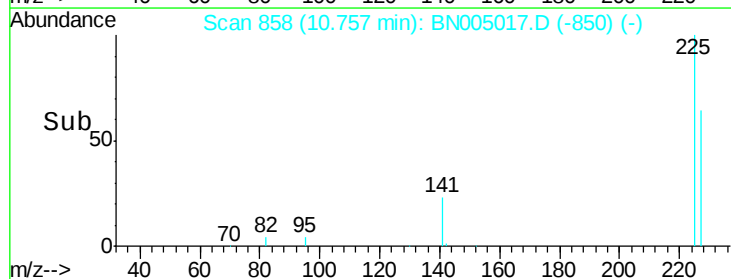
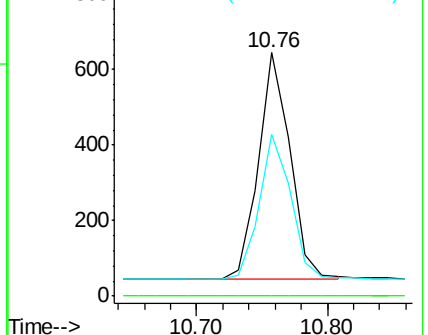
227 64.9 51.5 77.3

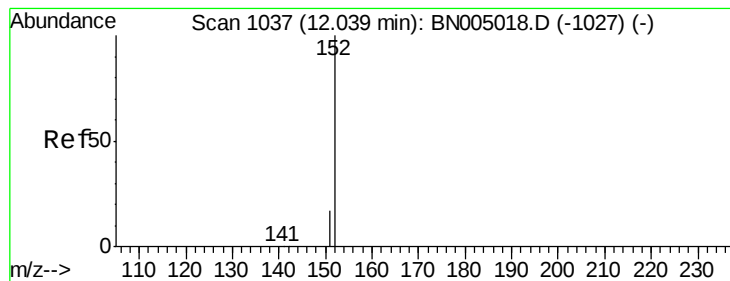


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

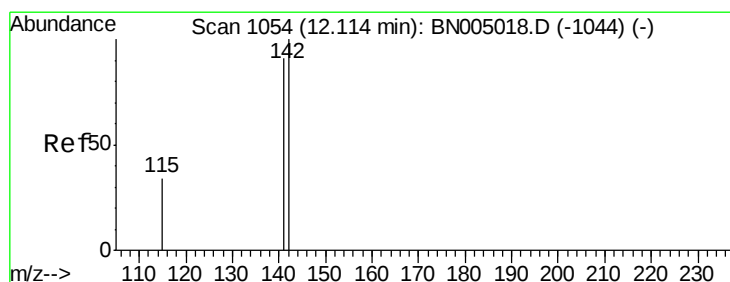
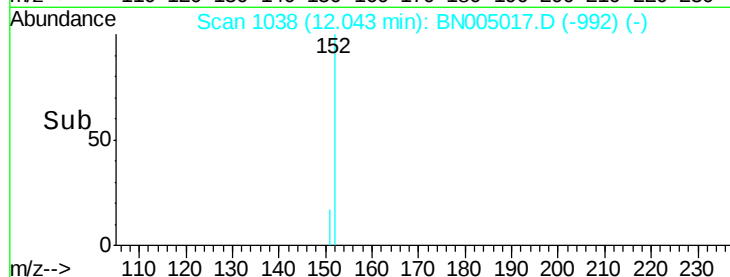
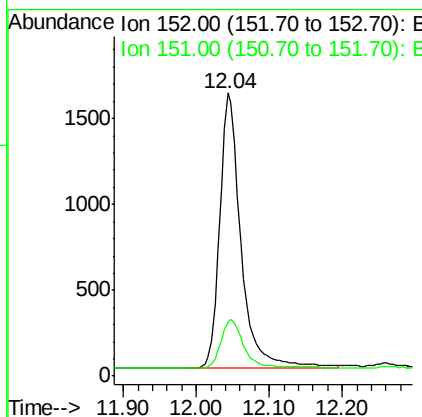
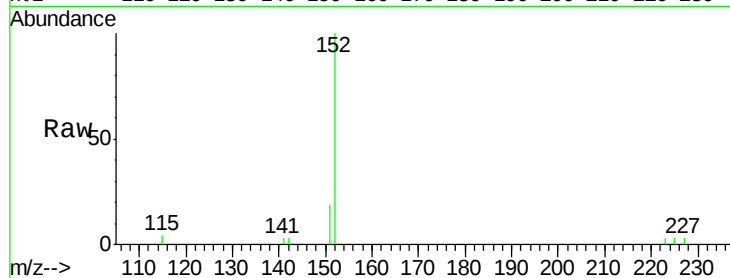




#11
 2-Methylnaphthalene-d10
 Concen: 0.174 ng
 RT: 12.04 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BN005017.D
 Acq: 28 Mar 2019 18:02

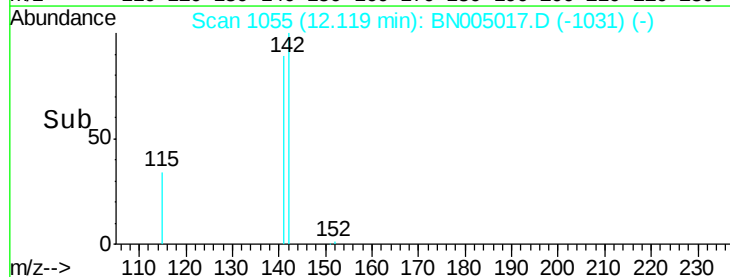
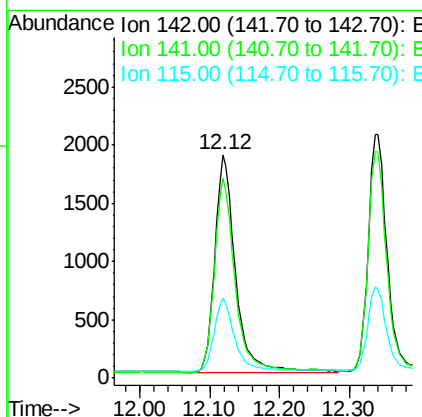
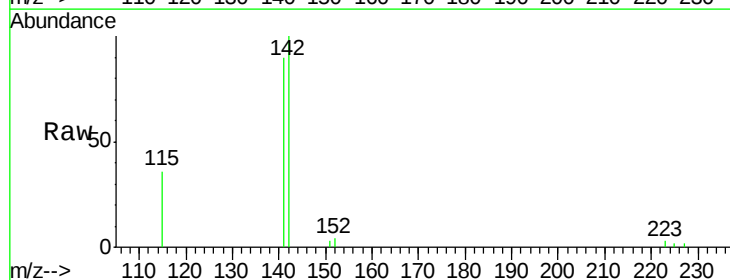
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

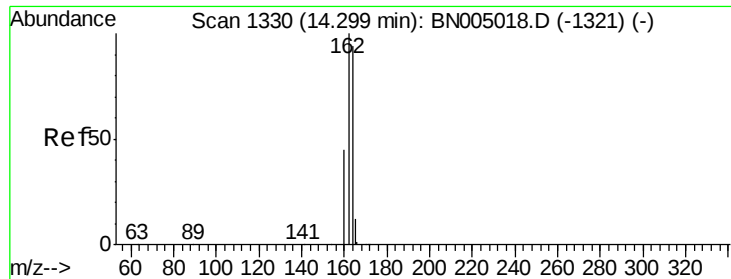
Tgt Ion:152 Resp: 3248
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.171 ng
 RT: 12.12 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BN005017.D
 Acq: 28 Mar 2019 18:02

Tgt Ion:142 Resp: 3816
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.6 108.8
 115 35.8 27.8 41.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

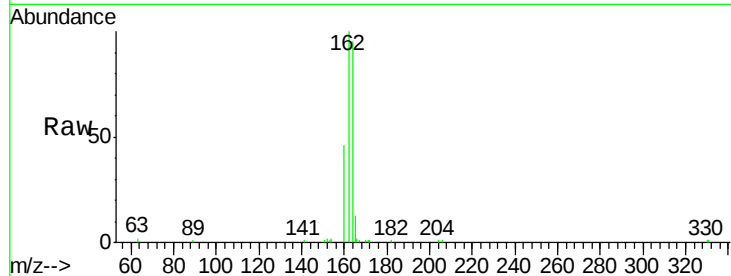
Tgt Ion:164 Resp: 6546

Ion Ratio Lower Upper

164 100

162 105.3 85.3 127.9

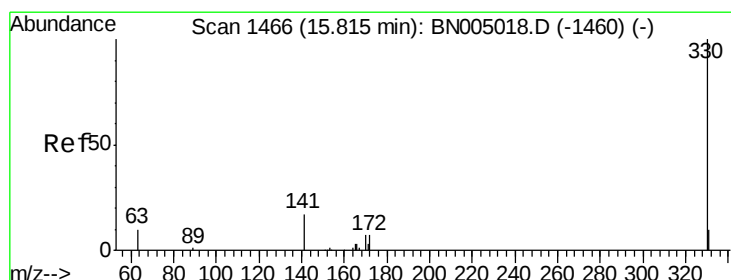
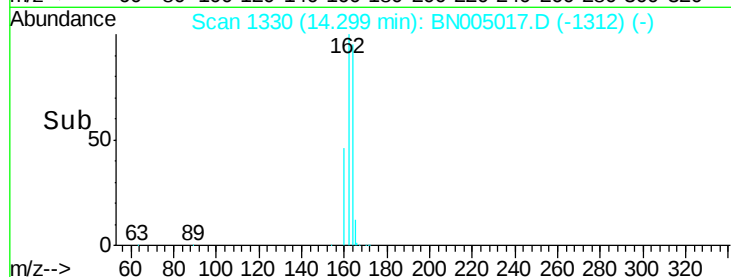
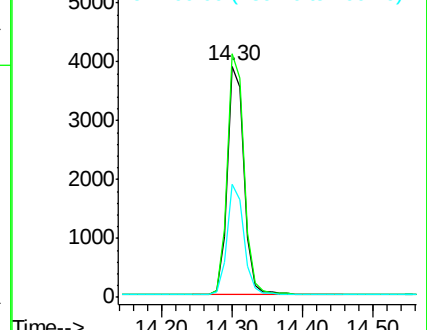
160 48.8 39.2 58.8



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: 0.146 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

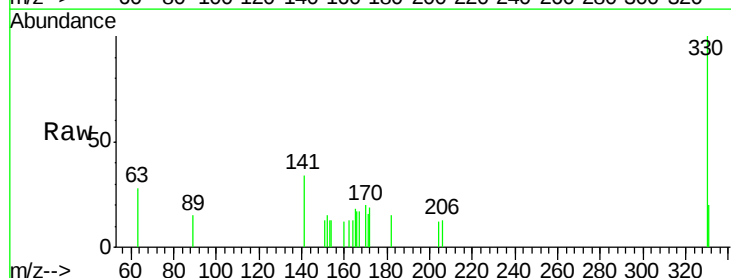
Tgt Ion:330 Resp: 659

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

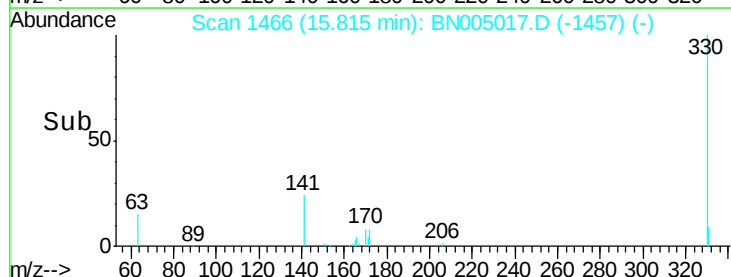
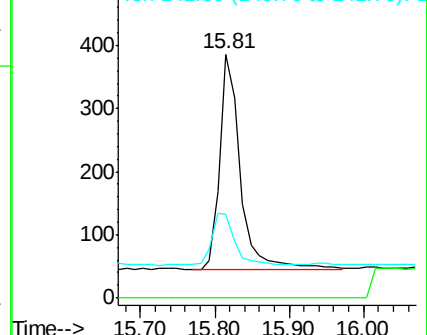
141 26.9 21.3 31.9

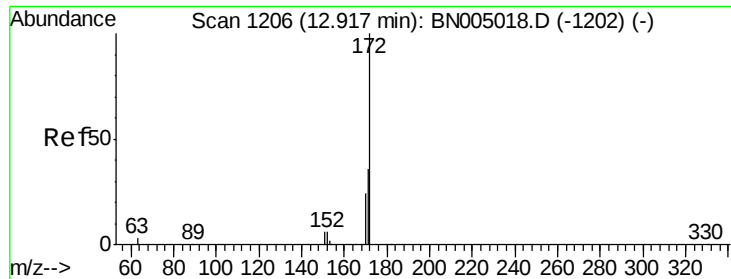


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

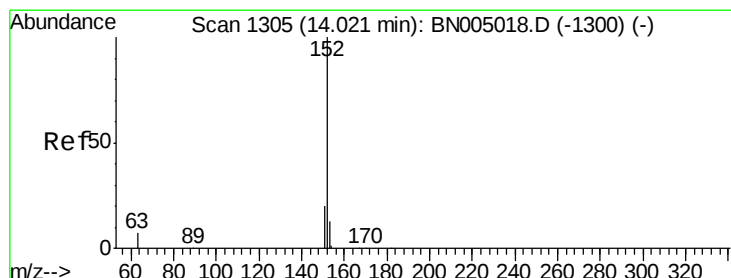
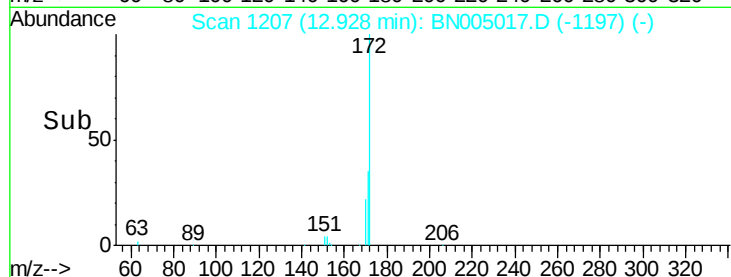
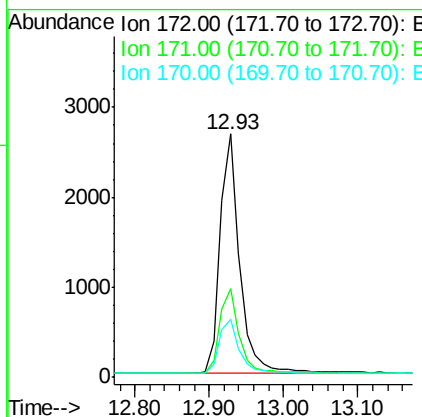
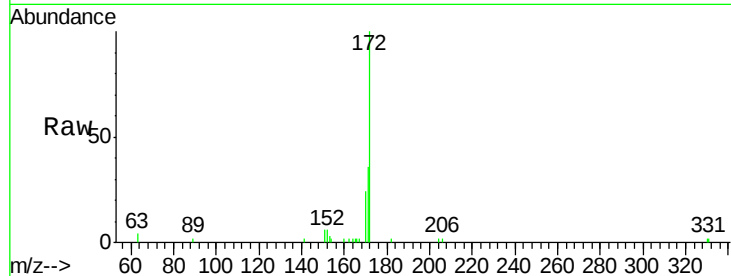




#15
2-Fluorobiphenyl
Concen: 0.180 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005017.D
Acq: 28 Mar 2019 18:02

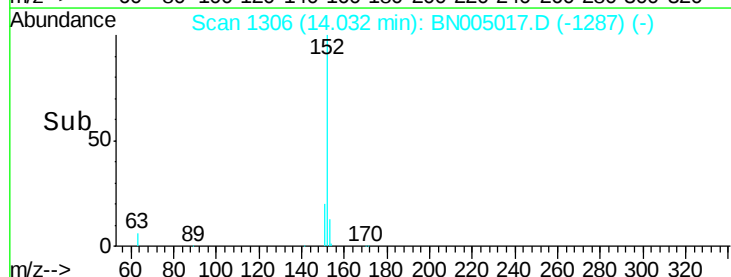
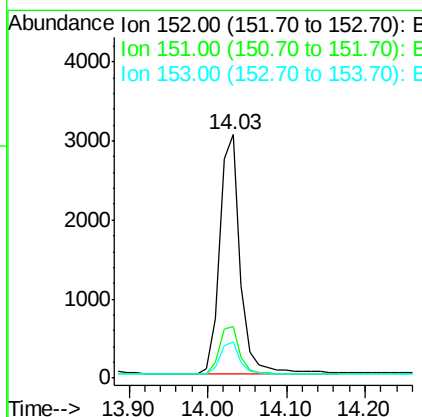
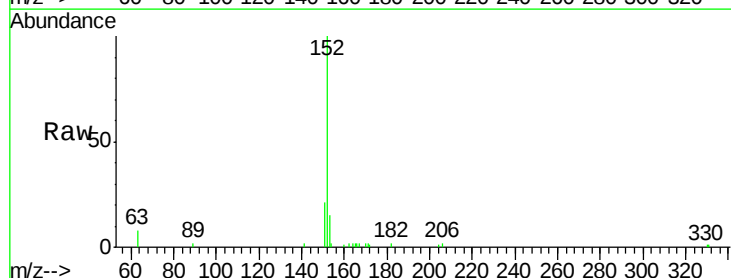
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

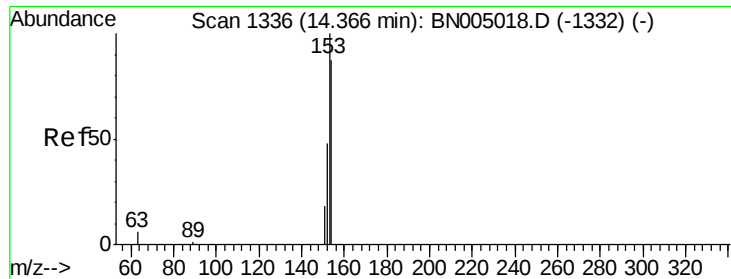
Tgt Ion:172 Resp: 4876
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.8 20.0 30.0



#16
Acenaphthylene
Concen: 0.164 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005017.D
Acq: 28 Mar 2019 18:02

Tgt Ion:152 Resp: 5544
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.6
153 13.4 10.6 15.8





#17

Acenaphthene

Concen: 0.176 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

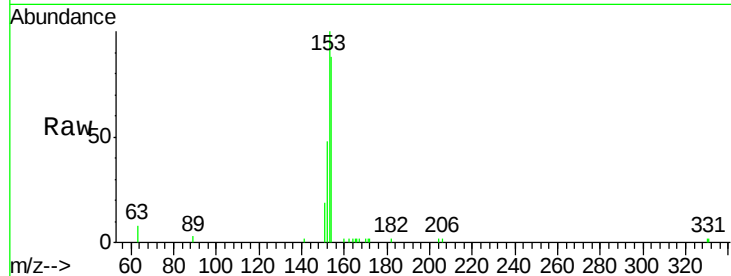
Tgt Ion:154 Resp: 3890

Ion Ratio Lower Upper

154 100

153 114.6 92.1 138.1

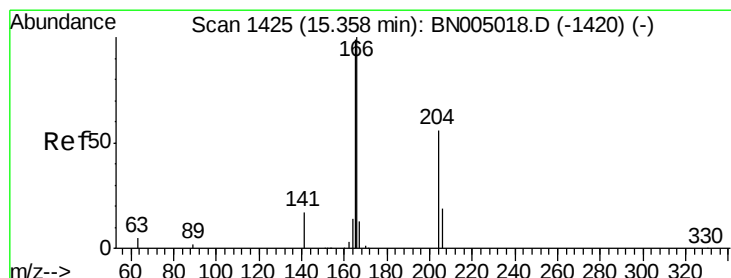
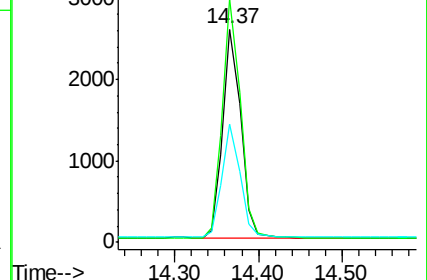
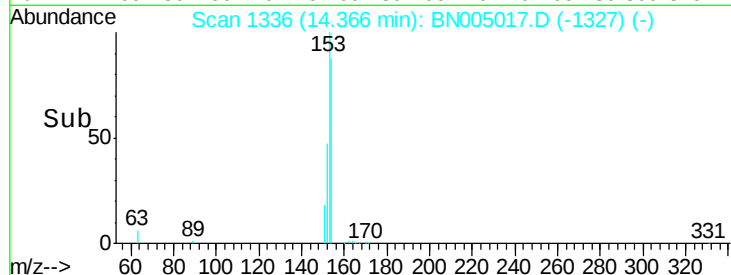
152 53.9 44.2 66.2



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: 0.168 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

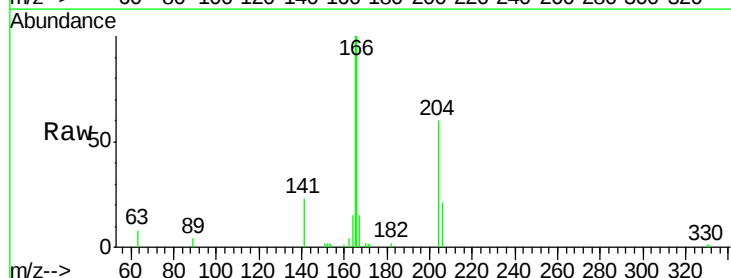
Tgt Ion:166 Resp: 5172

Ion Ratio Lower Upper

166 100

165 98.6 78.7 118.1

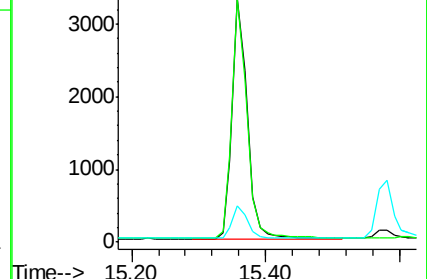
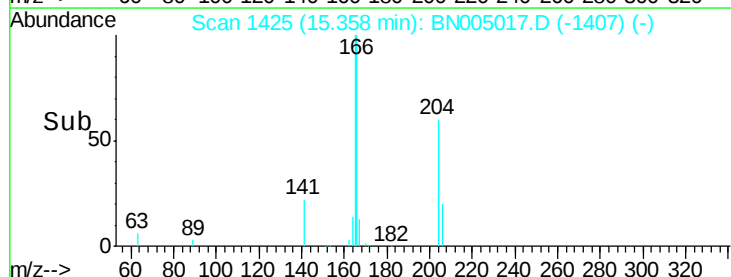
167 13.9 10.9 16.3

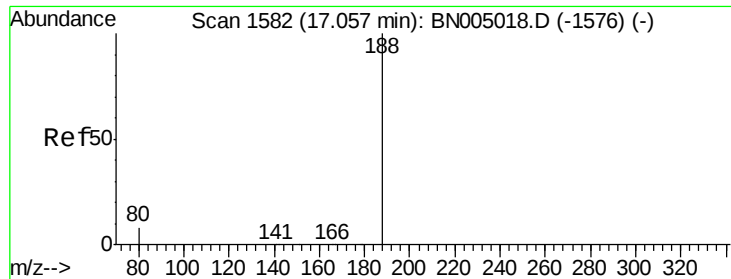


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

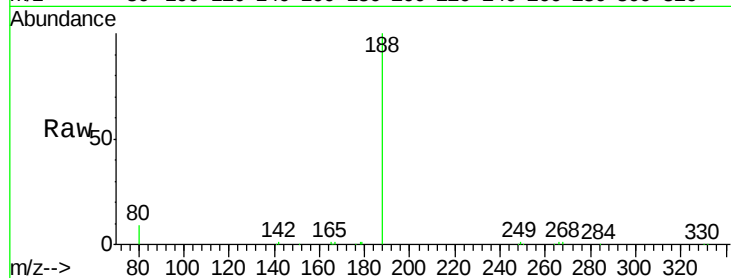
Tgt Ion:188 Resp: 16408

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

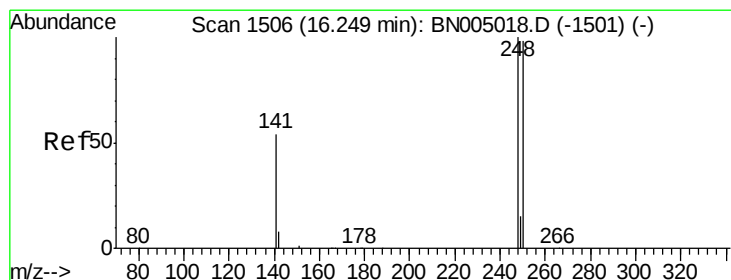
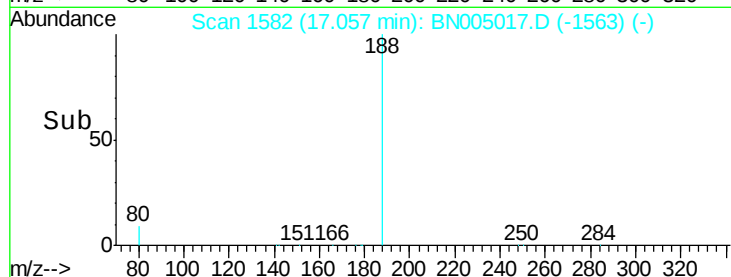
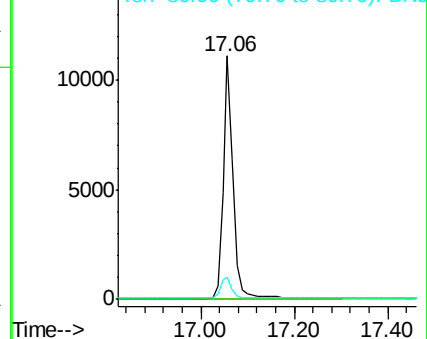
80 9.0 6.9 10.3



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: 0.163 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

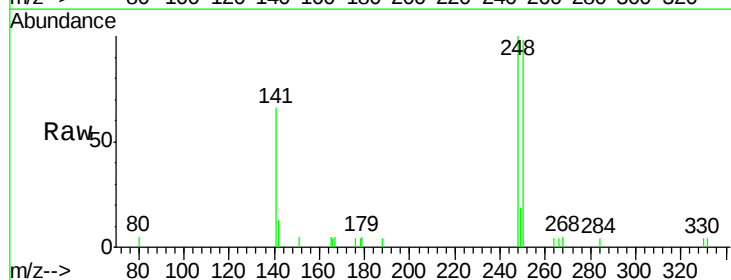
Tgt Ion:248 Resp: 1746

Ion Ratio Lower Upper

248 100

250 98.4 78.6 117.8

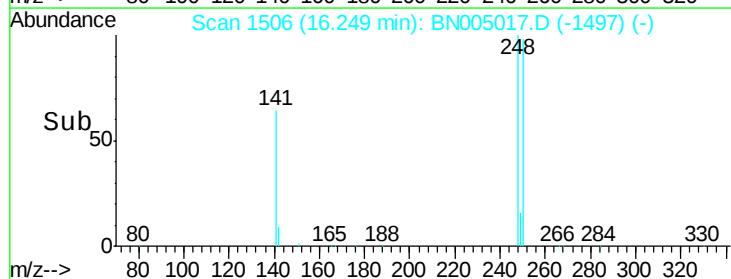
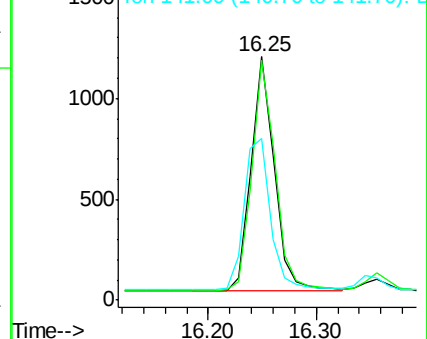
141 66.3 43.6 65.4#

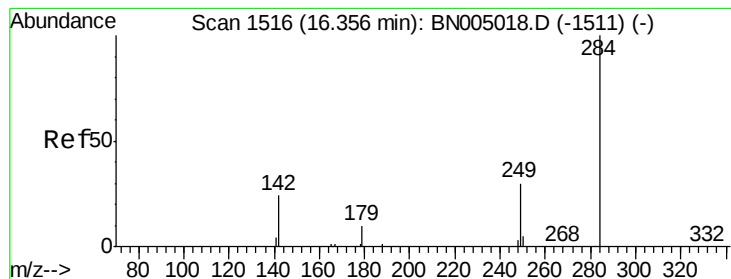


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.162 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

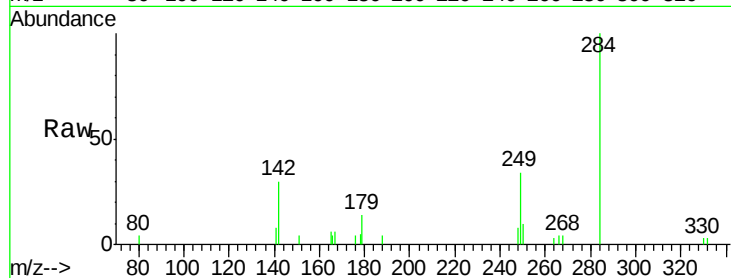
Tgt Ion:284 Resp: 1983

Ion Ratio Lower Upper

284 100

142 31.5 24.9 37.3

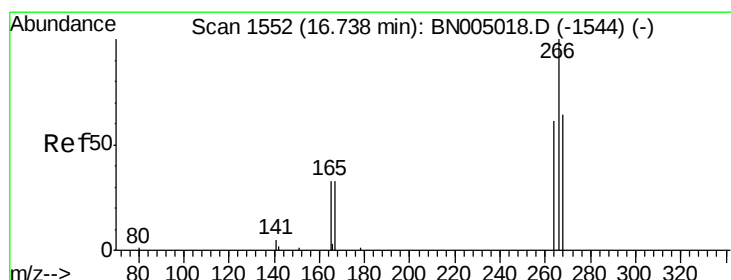
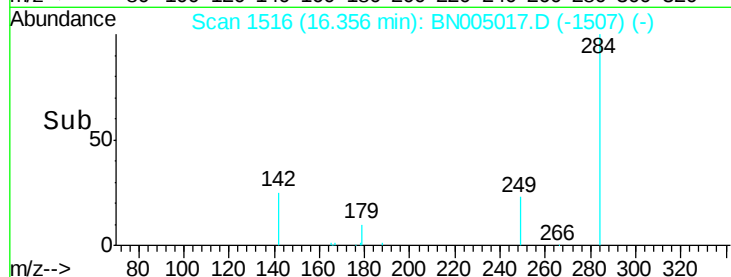
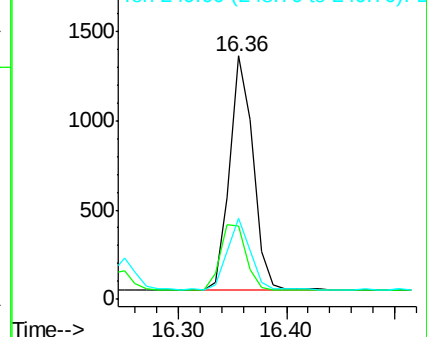
249 29.6 23.8 35.6



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: 0.131 ng

RT: 16.75 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

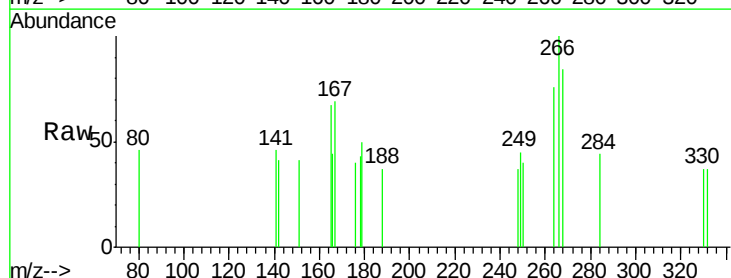
Tgt Ion:266 Resp: 314

Ion Ratio Lower Upper

266 100

264 76.4 53.4 80.0

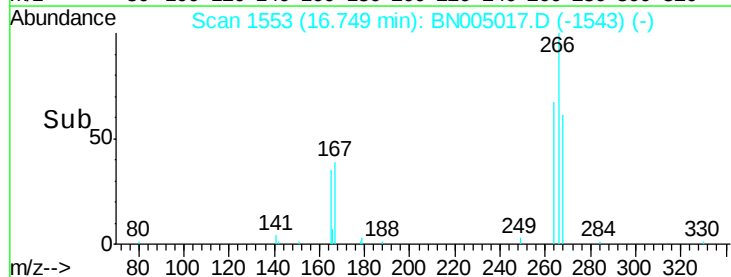
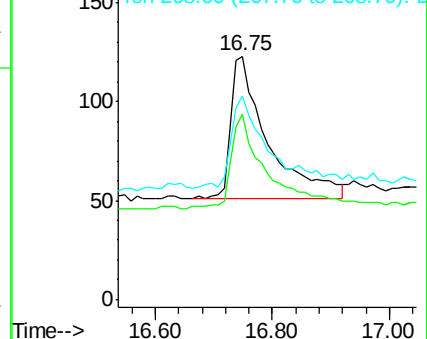
268 83.7 58.9 88.3

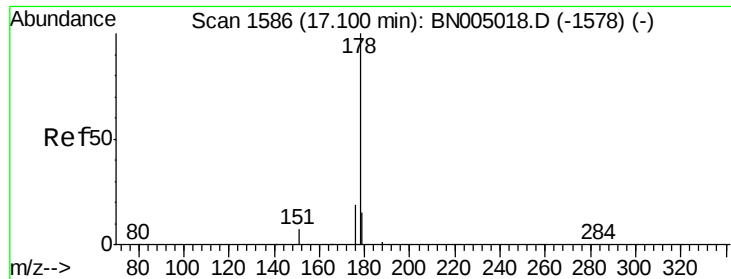


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.167 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

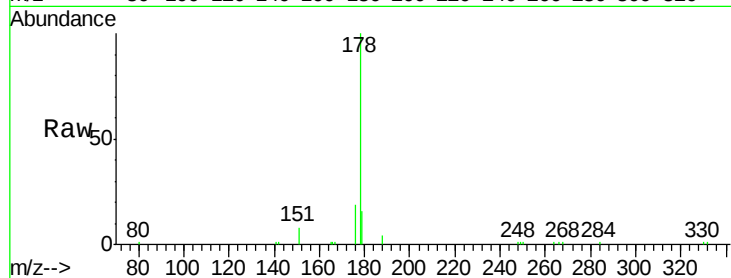
Tgt Ion:178 Resp: 8873

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

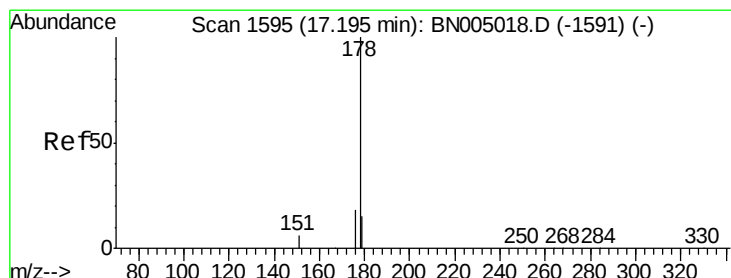
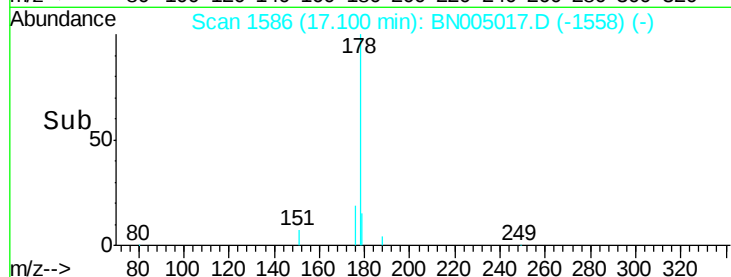
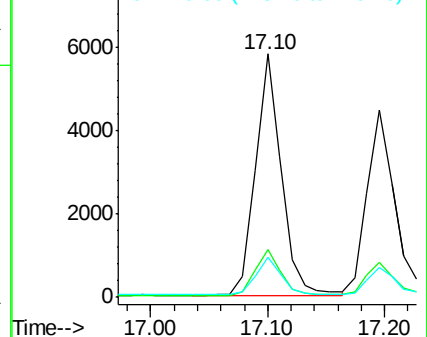
179 15.5 12.2 18.2



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



#24

Anthracene

Concen: 0.157 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

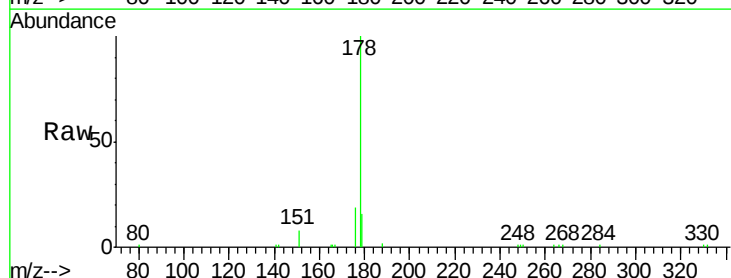
Tgt Ion:178 Resp: 7428

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

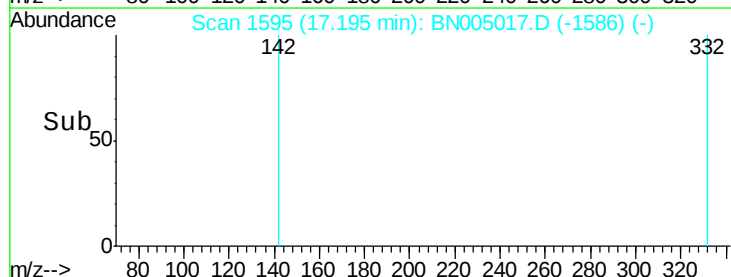
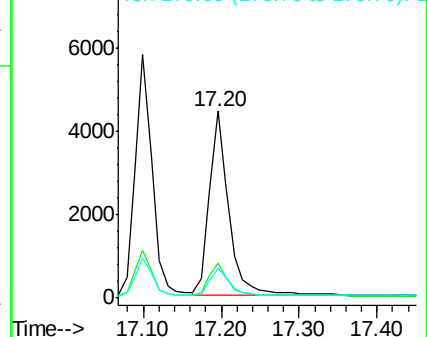
179 14.9 12.3 18.5

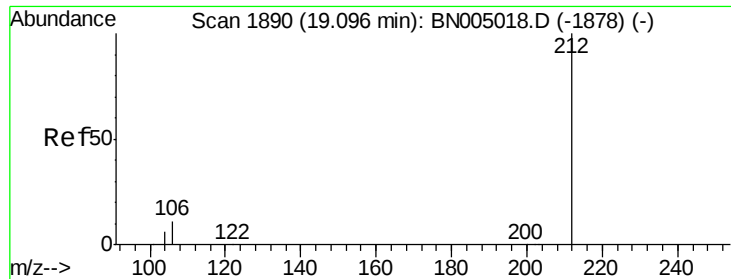


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

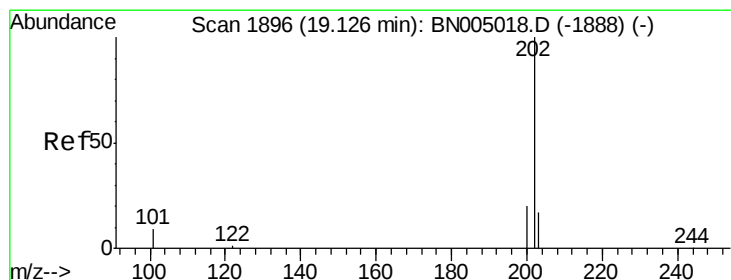
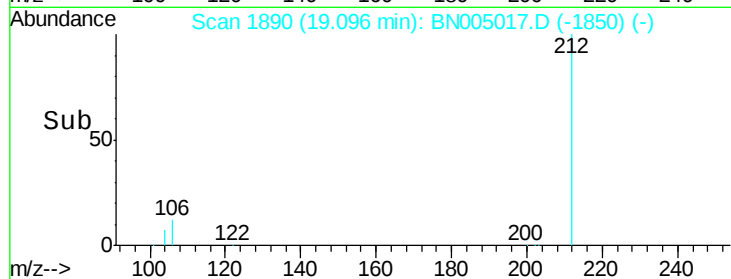
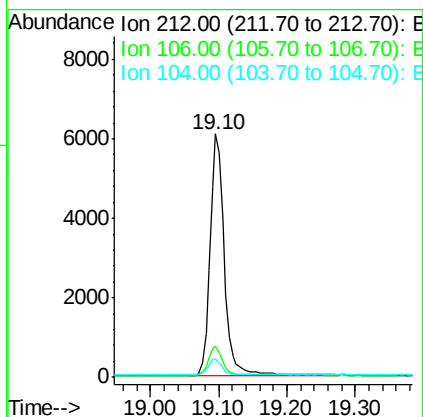
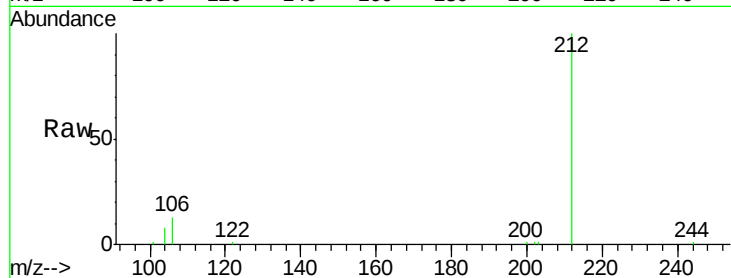




#25
Fluoranthene-d10
Concen: 0.161 ng
RT: 19.10 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BN005017.D
Acq: 28 Mar 2019 18:02

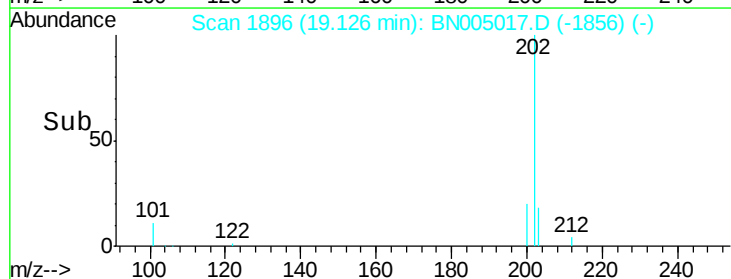
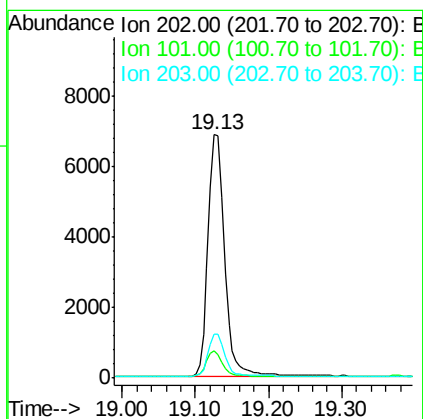
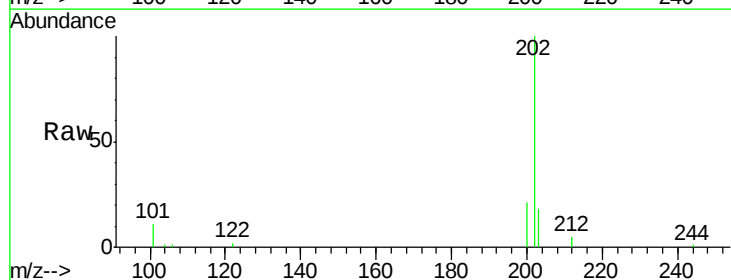
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

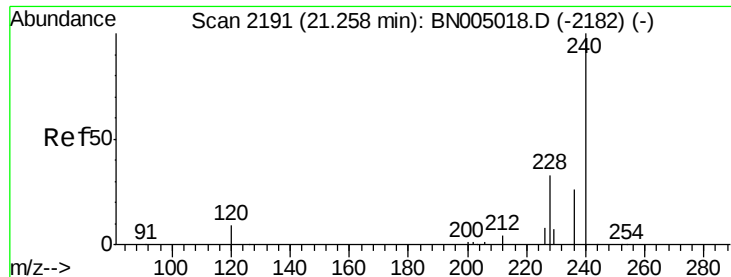
Tgt Ion: 212 Resp: 8839
Ion Ratio Lower Upper
212 100
106 12.0 9.4 14.2
104 6.7 5.4 8.0



#26
Fluoranthene
Concen: 0.157 ng
RT: 19.13 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BN005017.D
Acq: 28 Mar 2019 18:02

Tgt Ion: 202 Resp: 10694
Ion Ratio Lower Upper
202 100
101 10.4 8.2 12.2
203 17.2 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

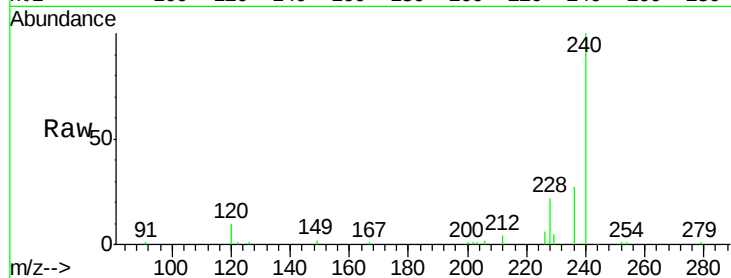
Tgt Ion:240 Resp: 18839

Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.0

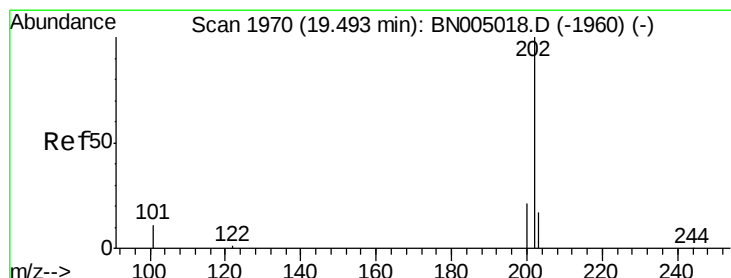
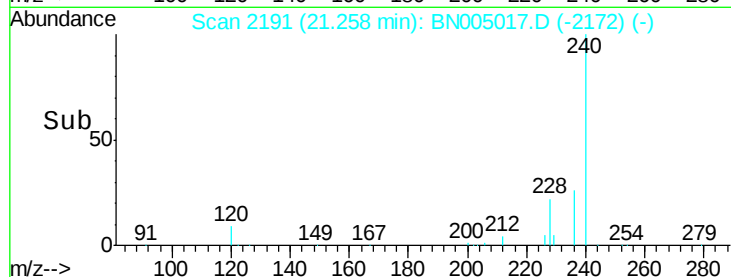
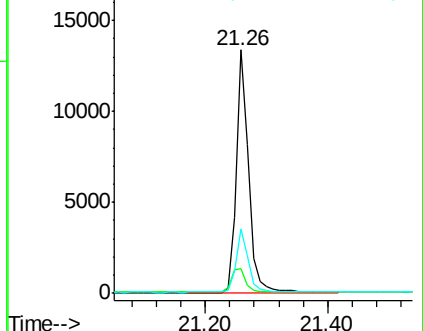
236 26.5 21.0 31.6



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: 0.191 ng

RT: 19.49 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

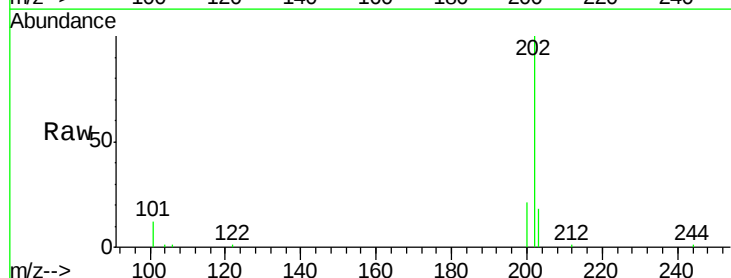
Tgt Ion:202 Resp: 10959

Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

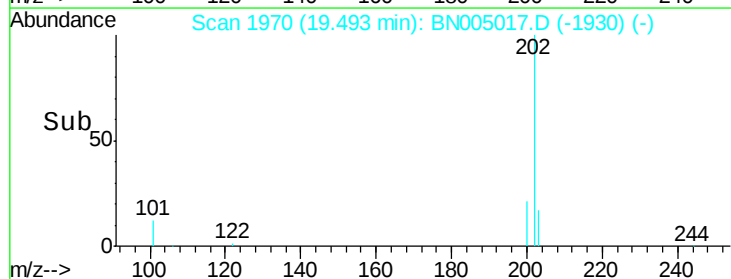
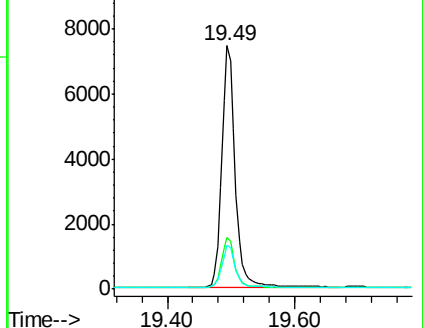
203 17.5 13.9 20.9

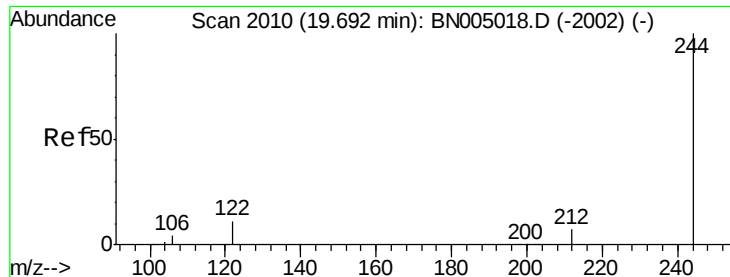


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.215 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

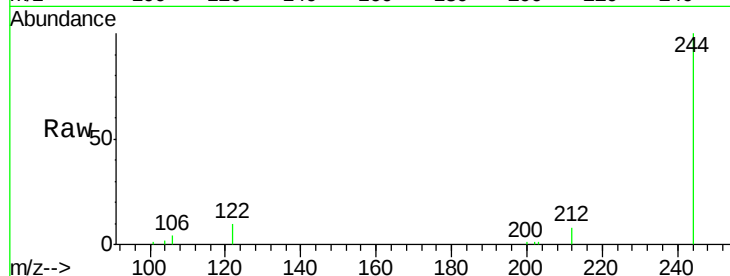
Tgt Ion:244 Resp: 8275

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

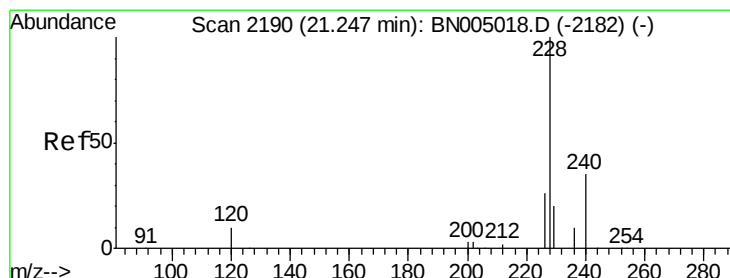
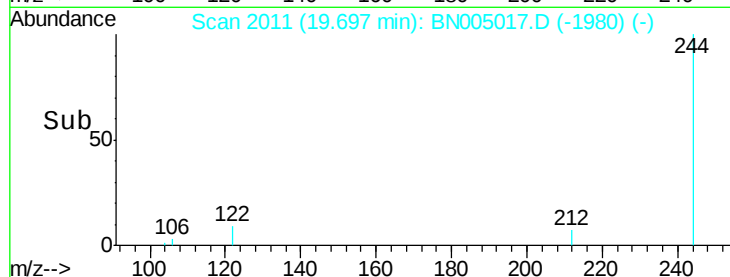
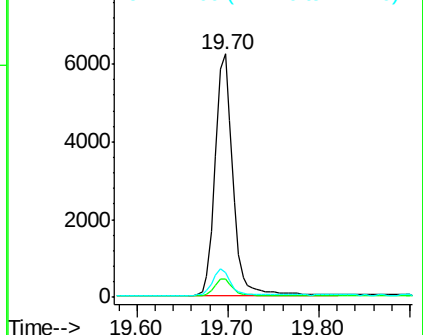
122 10.3 9.0 13.4



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: 0.164 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

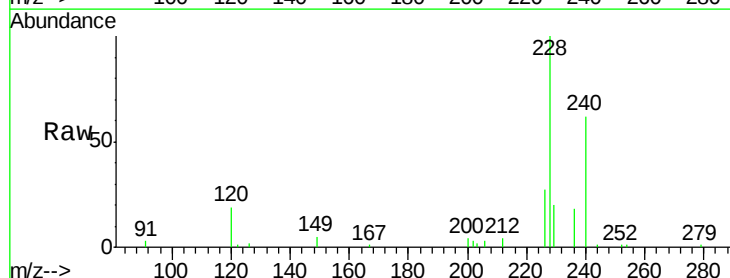
Tgt Ion:228 Resp: 10117

Ion Ratio Lower Upper

228 100

226 26.6 20.9 31.3

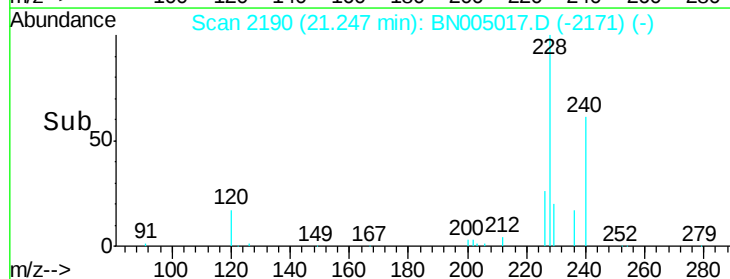
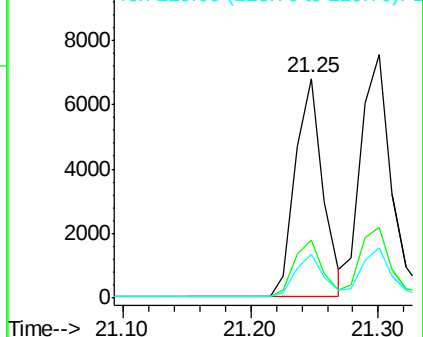
229 20.2 16.2 24.2

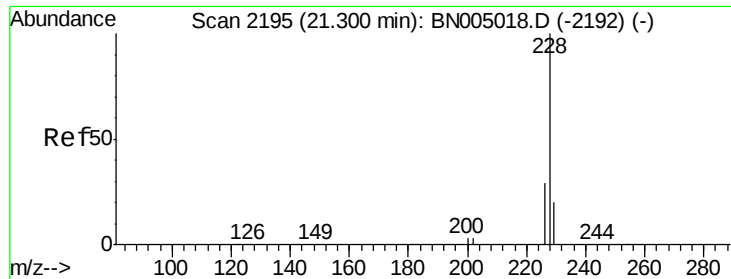


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.186 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

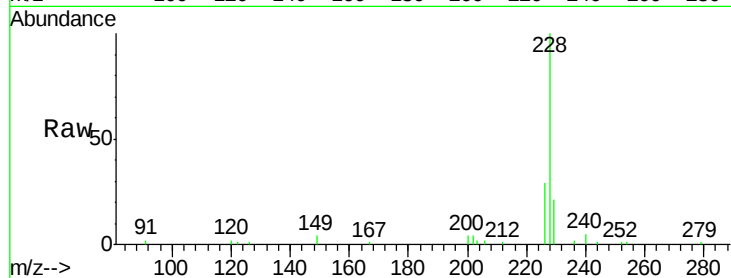
Tgt Ion:228 Resp: 12124

Ion Ratio Lower Upper

228 100

226 28.9 22.8 34.2

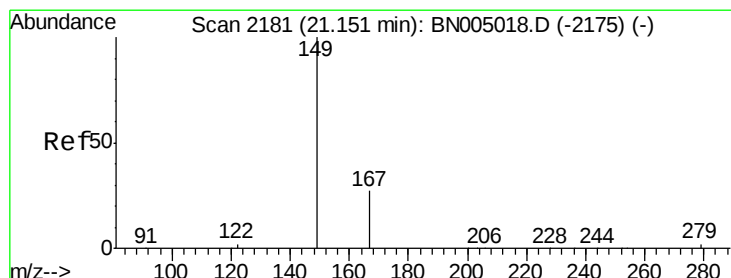
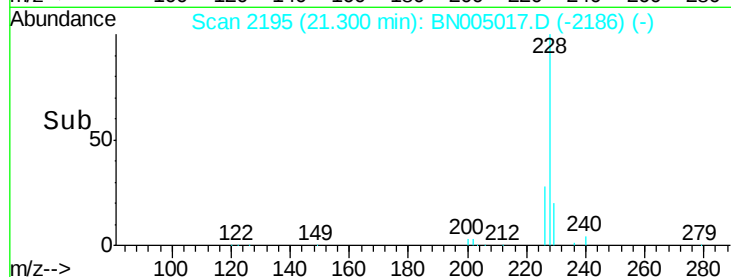
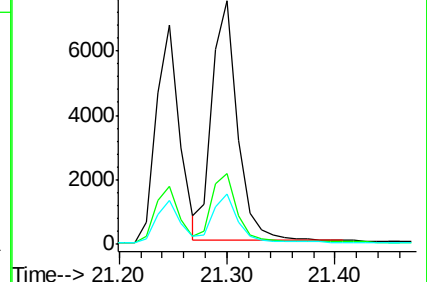
229 20.5 16.2 24.4



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: 0.163 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

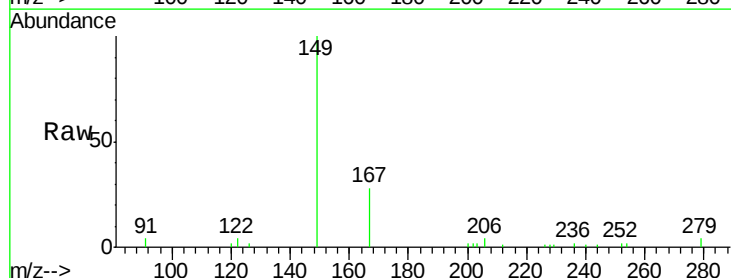
Tgt Ion:149 Resp: 4023

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

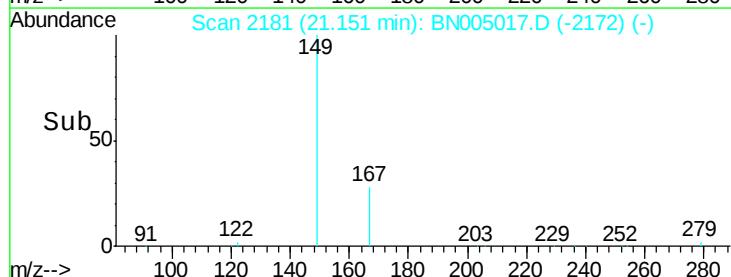
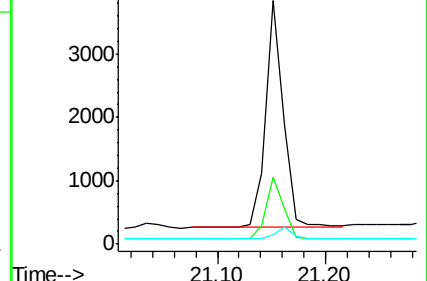
279 5.8 4.2 6.4

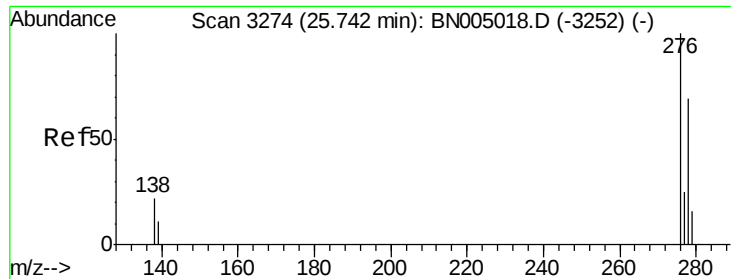


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.133 ng

RT: 25.75 min Scan# 3276

Delta R.T. 0.01 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

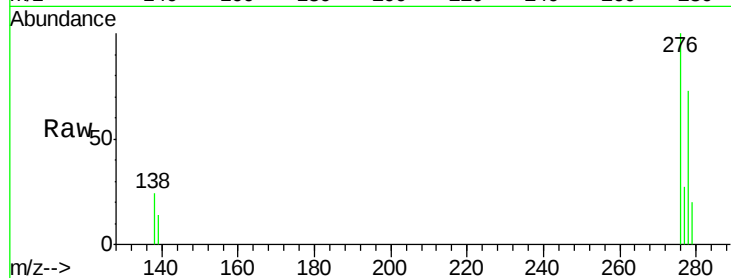
Tgt Ion:276 Resp: 12511

Ion Ratio Lower Upper

276 100

138 22.6 18.2 27.2

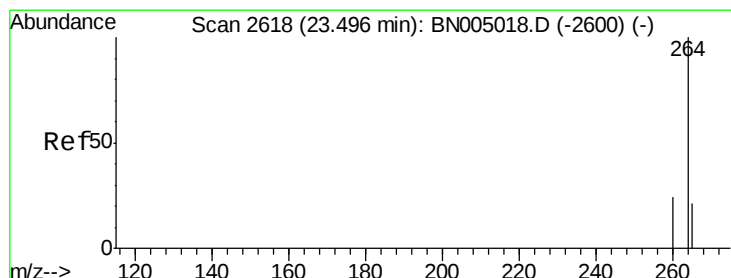
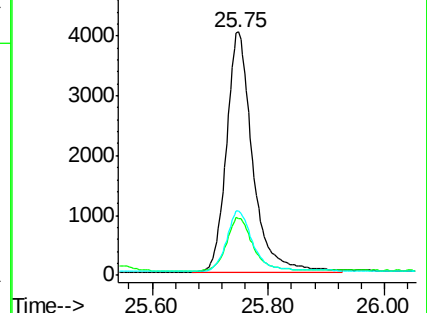
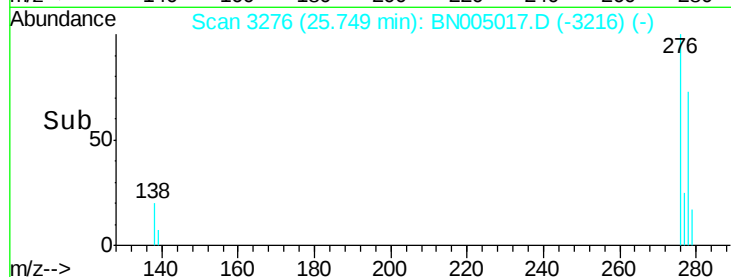
277 25.3 20.3 30.5



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: 23.50 min Scan# 2618

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

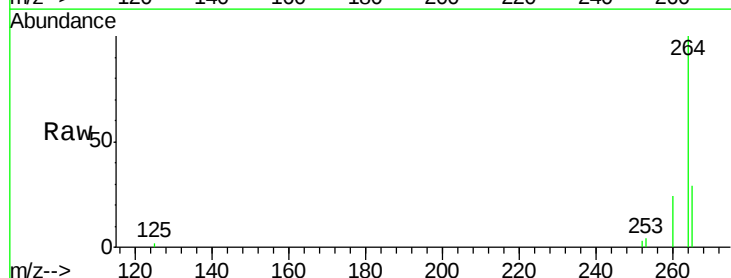
Tgt Ion:264 Resp: 18646

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

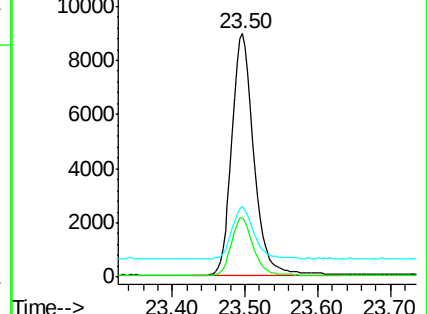
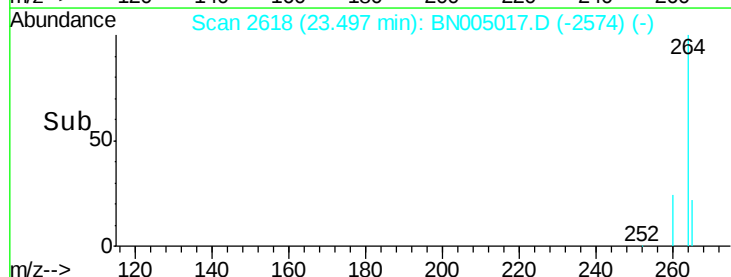
265 29.1 22.5 33.7

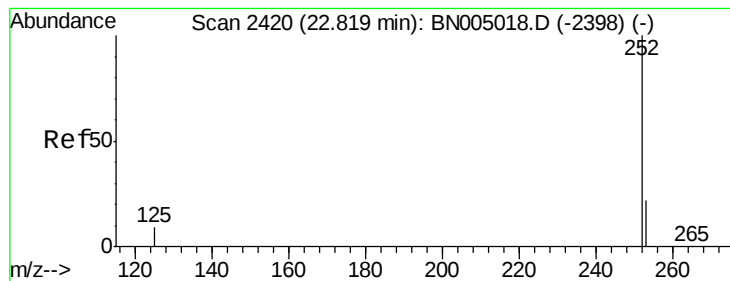


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.175 ng

RT: 22.82 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

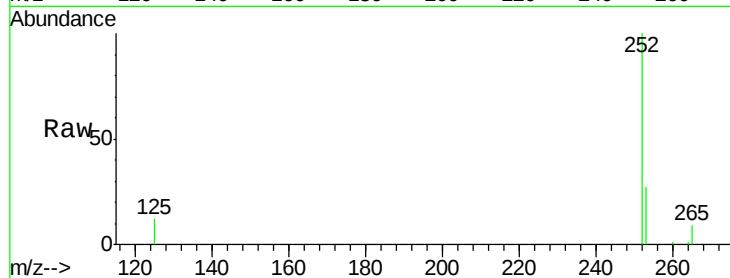
Tgt Ion:252 Resp: 11779

Ion Ratio Lower Upper

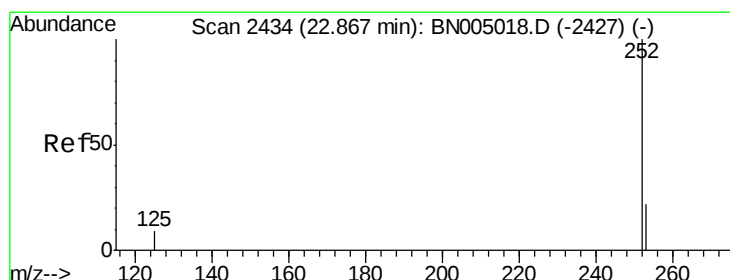
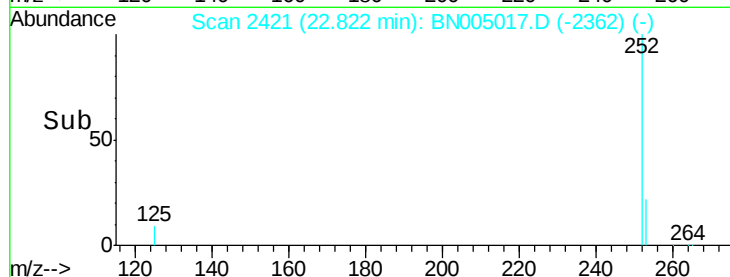
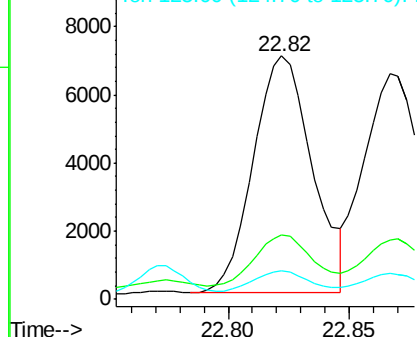
252 100

253 26.6 19.2 28.8

125 11.6 8.2 12.2



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



#36

Benzo(k)fluoranthene

Concen: 0.171 ng

RT: 22.87 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

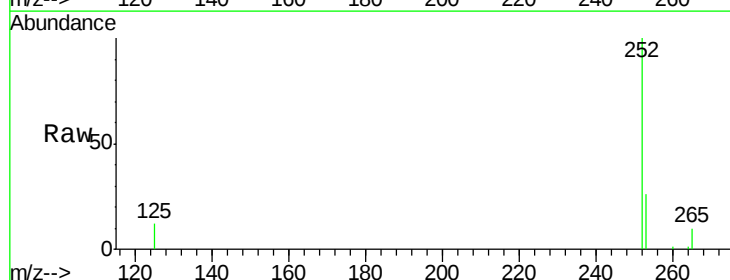
Tgt Ion:252 Resp: 11349

Ion Ratio Lower Upper

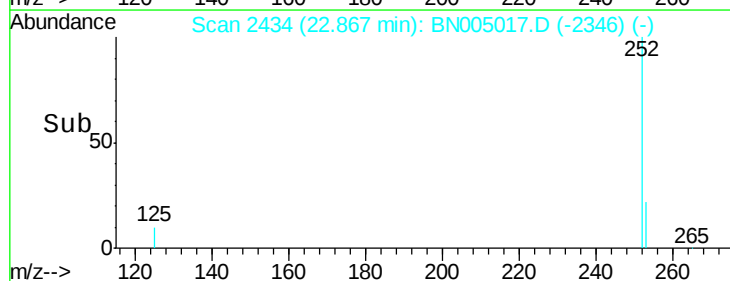
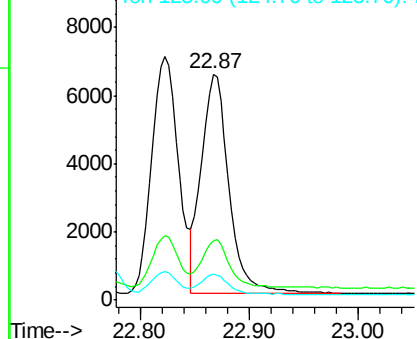
252 100

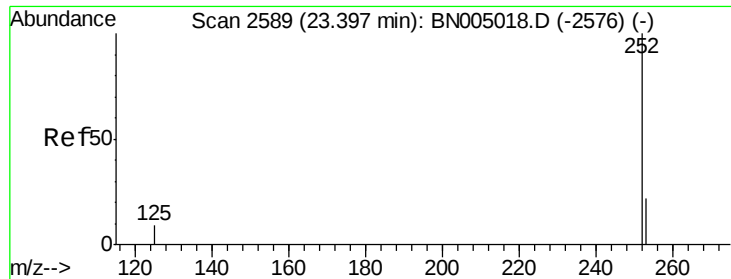
253 26.4 19.3 28.9

125 11.6 8.2 12.2



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





#37

Benzo(a)pyrene

Concen: 0.166 ng

RT: 23.40 min Scan# 2589

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

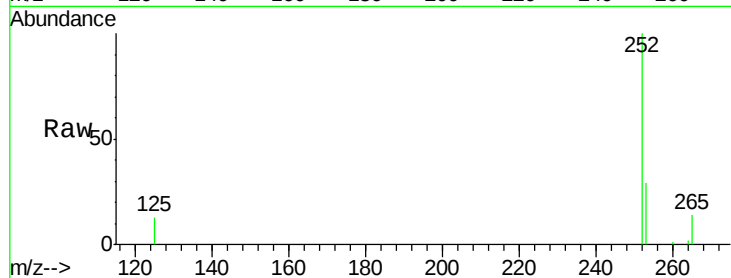
Tgt Ion:252 Resp: 10283

Ion Ratio Lower Upper

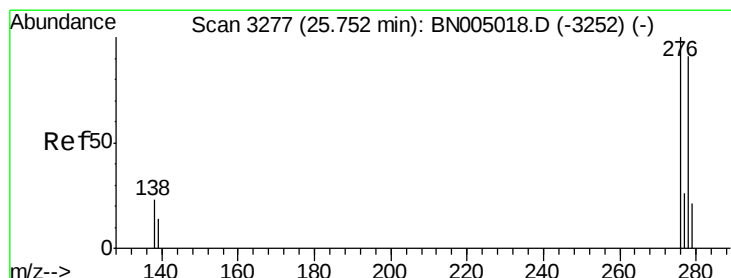
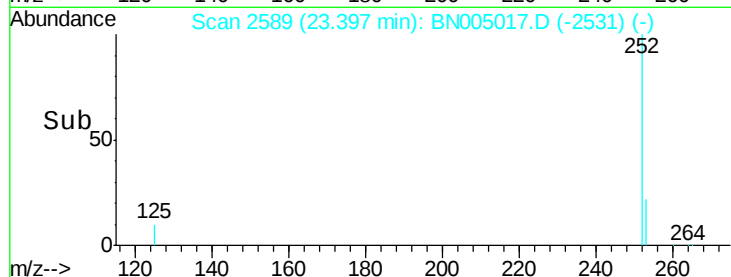
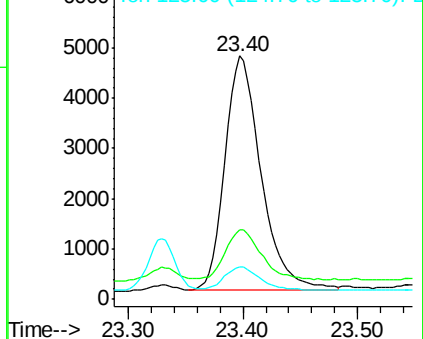
252 100

253 28.7 20.2 30.2

125 13.5 9.2 13.8



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: 0.141 ng

RT: 25.76 min Scan# 3278

Delta R.T. 0.00 min

Lab File: BN005017.D

Acq: 28 Mar 2019 18:02

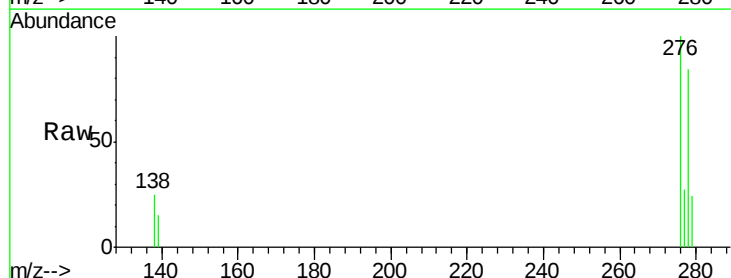
Tgt Ion:278 Resp: 10119

Ion Ratio Lower Upper

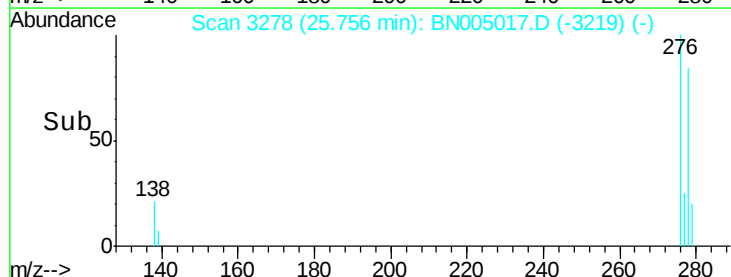
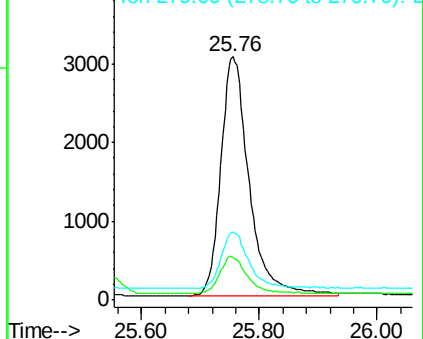
278 100

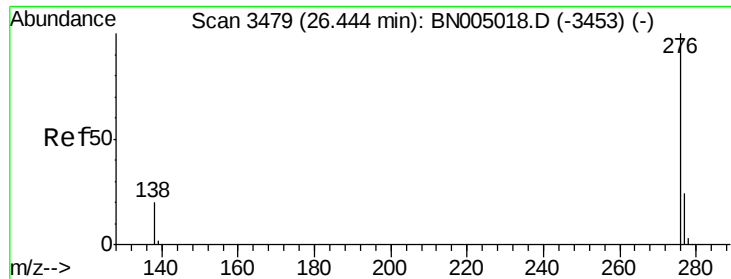
139 17.5 13.1 19.7

279 28.2 20.2 30.2



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(g,h,i)perylene

Concen: 0.143 ng

RT: 26.44 min Scan# 3479

Delta R.T. 0.00 min

Lab File: BN005017.D

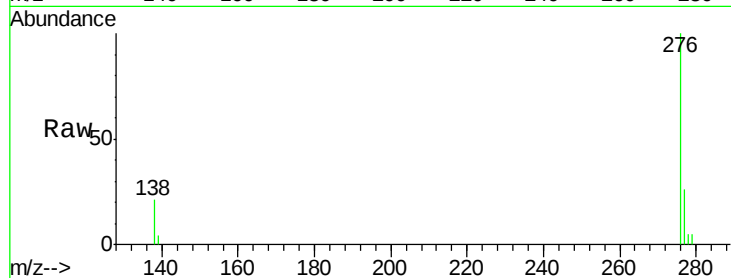
Acq: 28 Mar 2019 18:02

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2



Tgt Ion: 276 Resp: 10427

Ion Ratio Lower Upper

276 100

277 25.6 19.8 29.6

138 21.3 16.4 24.6

