

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
 Data File : BN005022.D
 Acq On : 28 Mar 2019 21:00
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Mar 29 03:24:46 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	2956	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	13254	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7990	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	18330	0.40	ng	0.00
27) Chrysene-d12	21.26	240	22945	0.40	ng	0.00
34) Perylene-d12	23.49	264	21166	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	38985	4.85	ng	0.00
5) Phenol-d6	6.83	99	49023	4.90	ng	-0.02
8) Nitrobenzene-d5	8.82	82	44597	5.09	ng	-0.01
11) 2-Methylnaphthalene-d10	12.03	152	107076	4.63	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	27603	5.00	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	155390	4.71	ng	0.00
25) Fluoranthene-d10	19.09	212	281558	4.59	ng	0.00
29) Terphenyl-d14	19.69	244	227332	4.84	ng	0.00

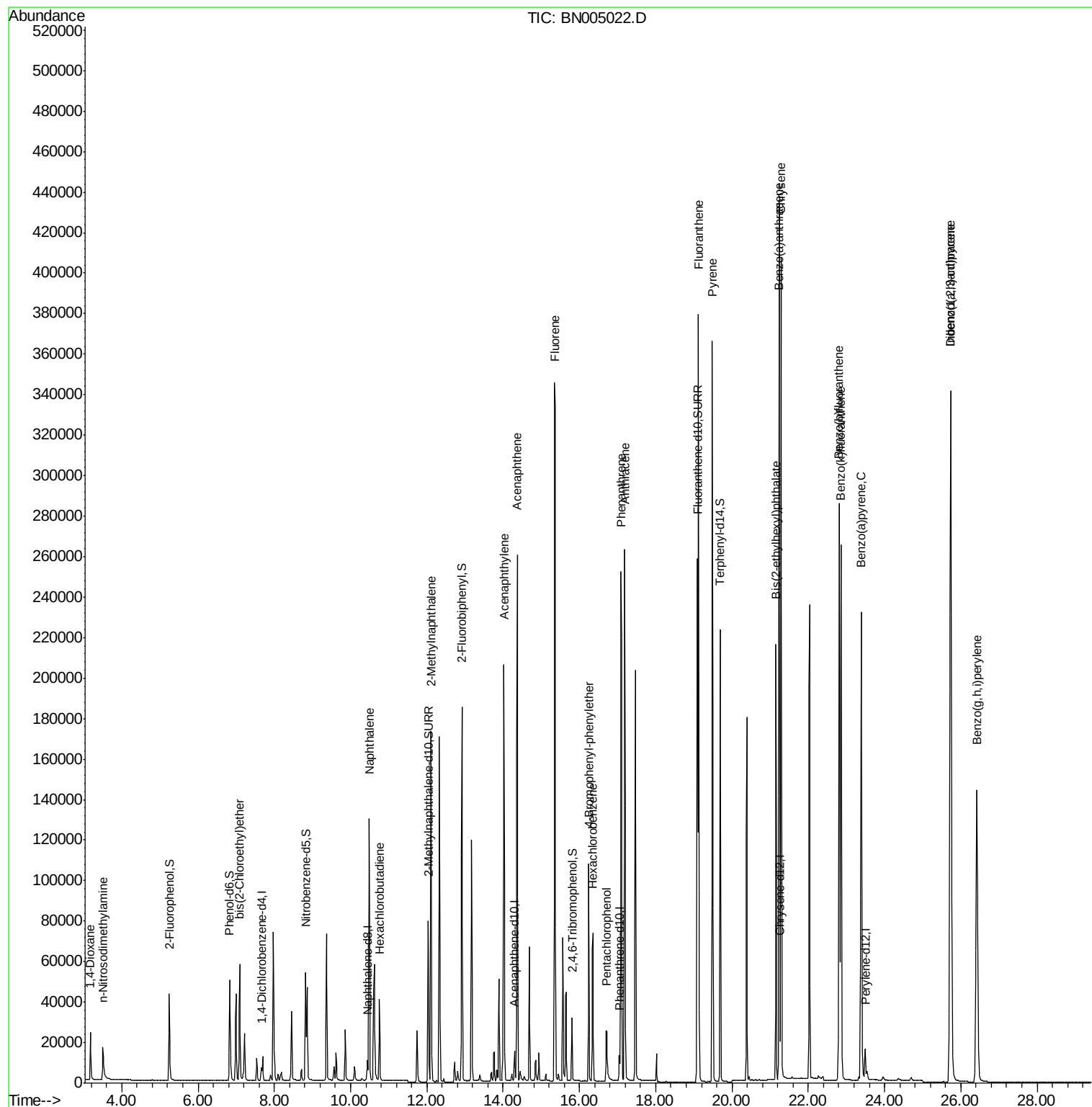
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	15354	4.569	ng	98
3) n-Nitrosodimethylamine	3.50	42	12026	6.055	ng	# 94
6) bis(2-Chloroethyl)ether	7.09	93	44574	4.938	ng	97
9) Naphthalene	10.49	128	171225	4.606	ng	98
10) Hexachlorobutadiene	10.76	225	31125	4.389	ng	# 100
12) 2-Methylnaphthalene	12.11	142	124102	4.495	ng	97
16) Acenaphthylene	14.02	152	216213	5.254	ng	100
17) Acenaphthene	14.37	154	125515	4.657	ng	99
18) Fluorene	15.36	166	166729	4.432	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	58008	4.844	ng	# 90
21) Hexachlorobenzene	16.36	284	62047	4.527	ng	100
22) Pentachlorophenol	16.72	266	18981	7.082	ng	92
23) Phenanthrene	17.09	178	269296	4.550	ng	100
24) Anthracene	17.18	178	259006	4.899	ng	100
26) Fluoranthene	19.12	202	329123	4.327	ng	100
28) Pyrene	19.49	202	332384	4.751	ng	100
30) Benzo(a)anthracene	21.24	228	342684	4.554	ng	98
31) Chrysene	21.29	228	333560	4.209	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	171376	5.700	ng	99
33) Indeno(1,2,3-cd)pyrene	25.73	276	385162	3.359	ng	100
35) Benzo(b)fluoranthene	22.81	252	356557	4.657	ng	96
36) Benzo(k)fluoranthene	22.86	252	336017	4.461	ng	96
37) Benzo(a)pyrene	23.39	252	323987	4.612	ng	95
38) Dibenzo(a,h)anthracene	25.74	278	315119	3.873	ng	97
39) Benzo(g,h,i)perylene	26.42	276	309618	3.735	ng	98

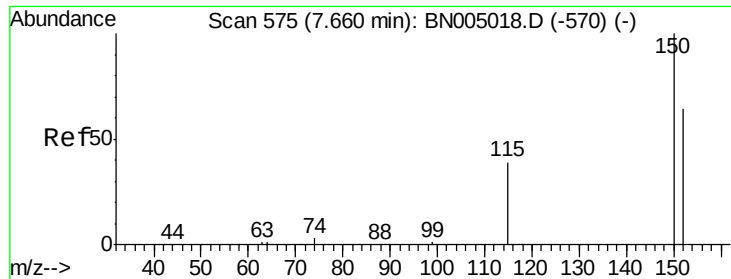
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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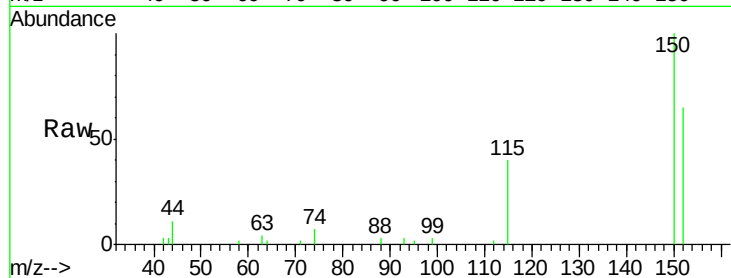


#1

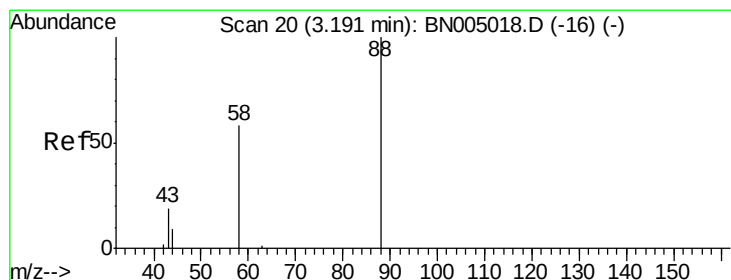
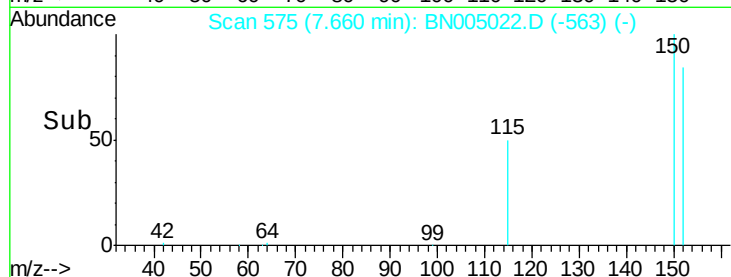
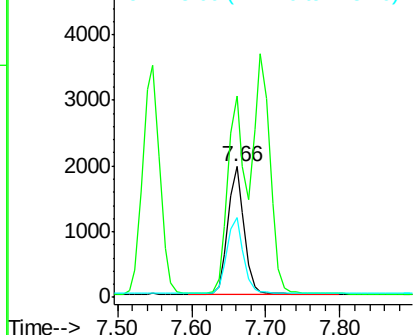
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005022.D
Acq: 28 Mar 2019 21:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 2956
Ion Ratio Lower Upper
152 100
150 154.0 123.4 185.2
115 61.0 50.0 75.0



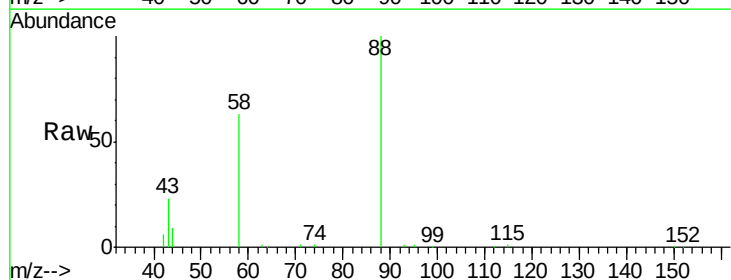
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



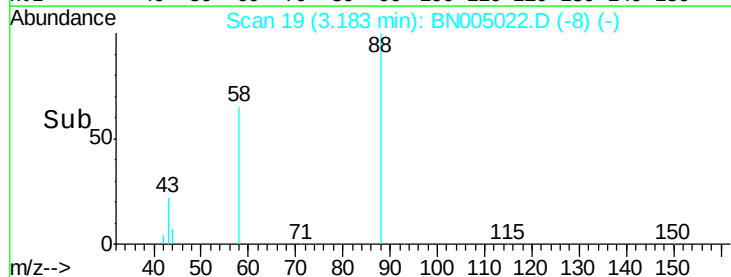
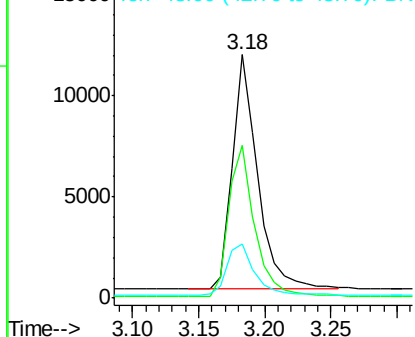
#2

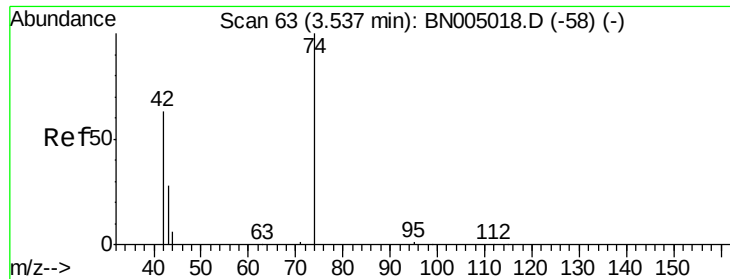
1,4-Dioxane
Concen: 4.569 ng
RT: 3.18 min Scan# 19
Delta R.T. -0.01 min
Lab File: BN005022.D
Acq: 28 Mar 2019 21:00

Tgt Ion: 88 Resp: 15354
Ion Ratio Lower Upper
88 100
58 67.4 52.8 79.2
43 23.8 19.6 29.4



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: 6.055 ng

RT: 3.50 min Scan# 59

Delta R.T. -0.03 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

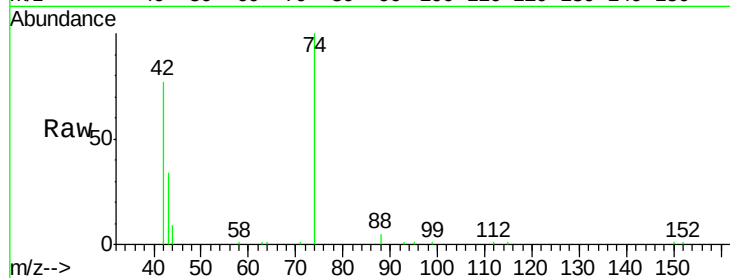
Tgt Ion: 42 Resp: 12026

Ion Ratio Lower Upper

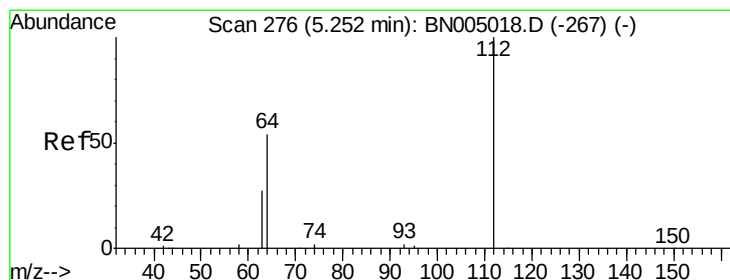
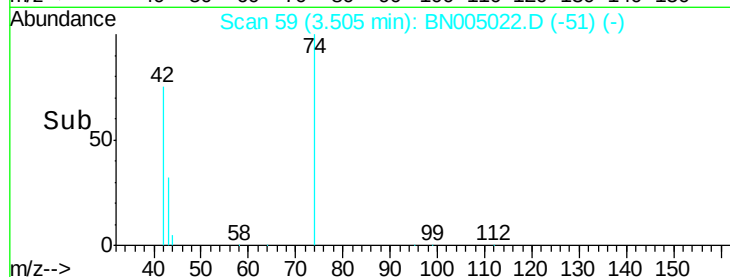
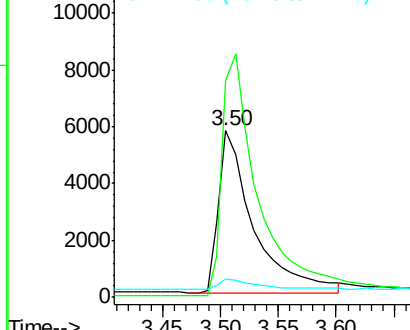
42 100

74 154.8 129.1 193.7

44 6.8 11.6 17.4#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 4.852 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

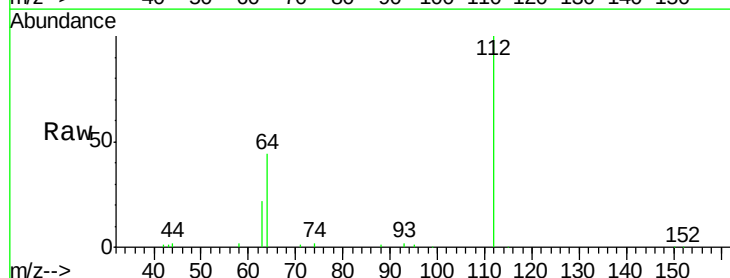
Tgt Ion: 112 Resp: 38985

Ion Ratio Lower Upper

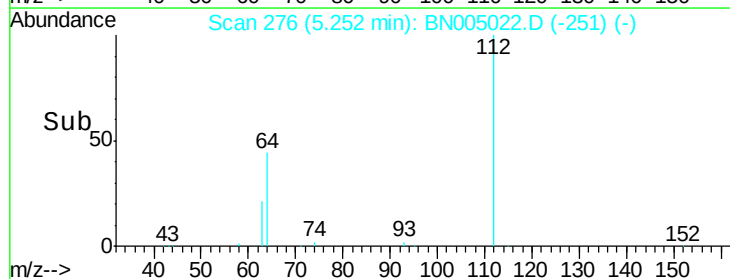
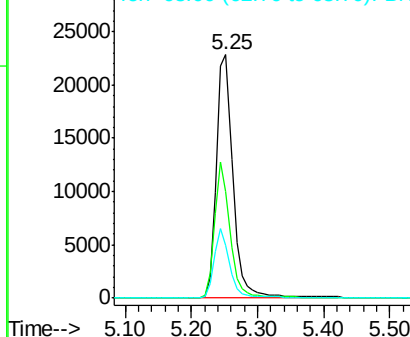
112 100

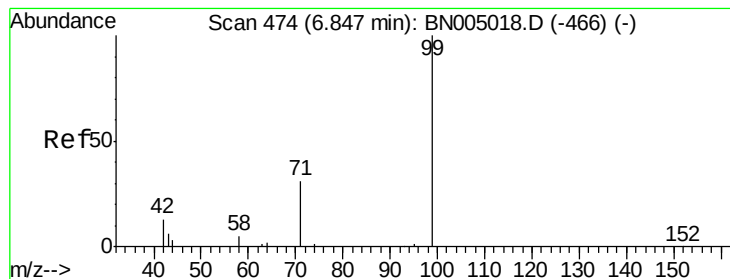
64 52.5 41.9 62.9

63 26.5 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 4.901 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

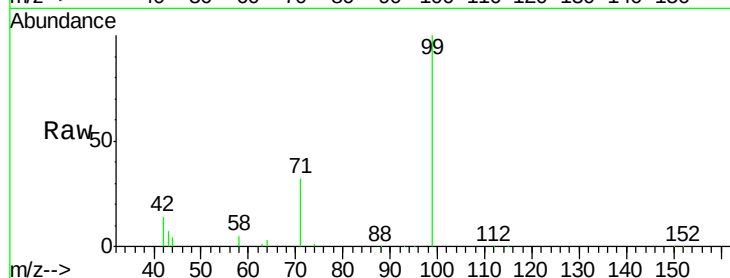
Tgt Ion: 99 Resp: 49023

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

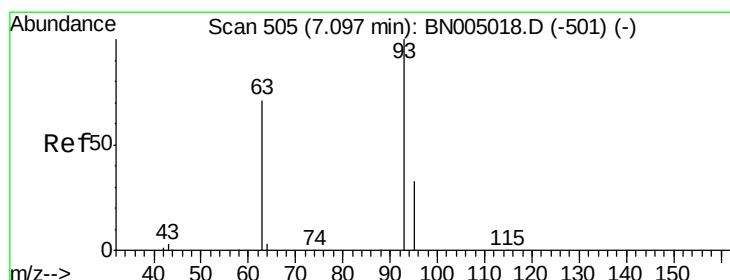
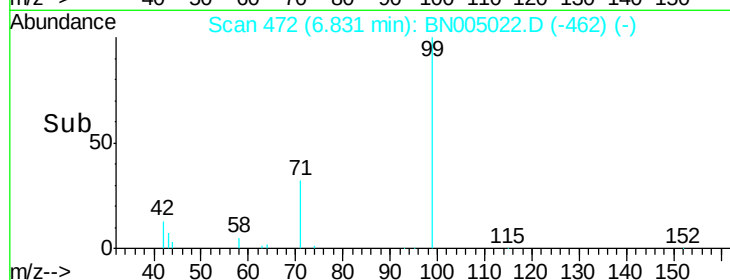
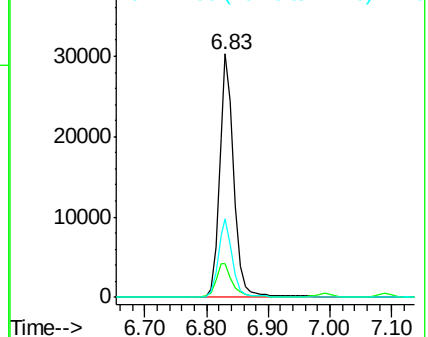
71 31.9 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 4.938 ng

RT: 7.09 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

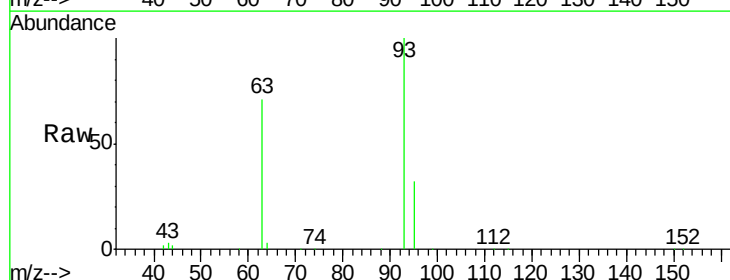
Tgt Ion: 93 Resp: 44574

Ion Ratio Lower Upper

93 100

63 67.6 51.8 77.6

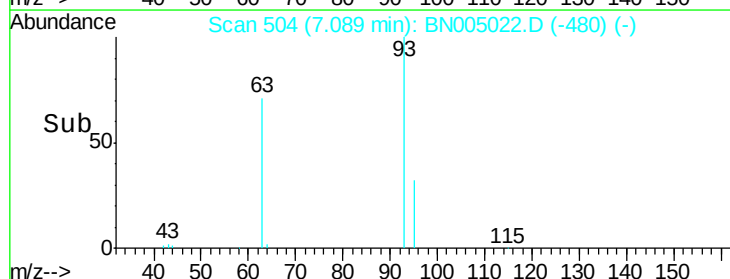
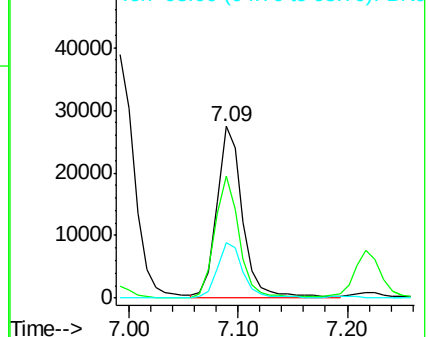
95 31.9 24.8 37.2

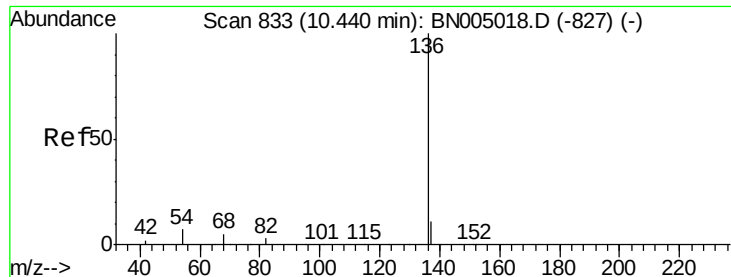


Abundance Ion 93.00 (92.70 to 93.70): BN005018.D (-501) (-)

Ion 63.00 (62.70 to 63.70): BN005018.D (-501) (-)

Ion 95.00 (94.70 to 95.70): BN005018.D (-501) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:136 Resp: 13254

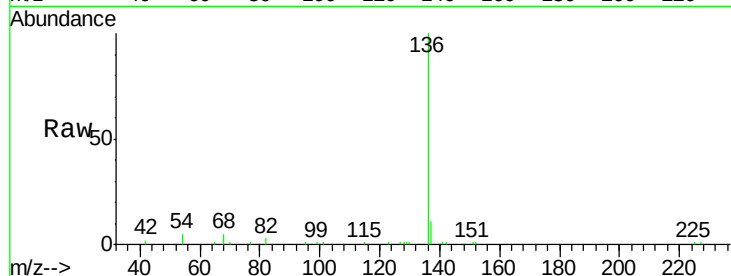
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 5.2 6.0 9.0#

68 4.6 5.0 7.6#

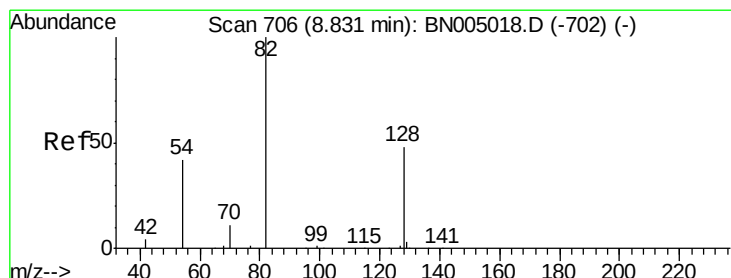
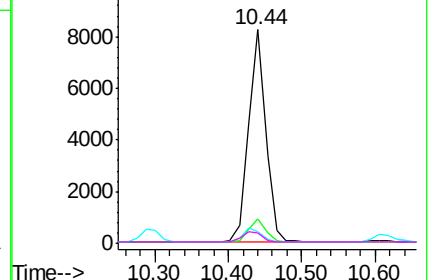
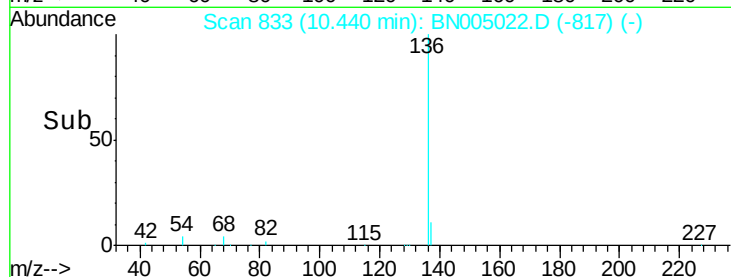


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.087 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

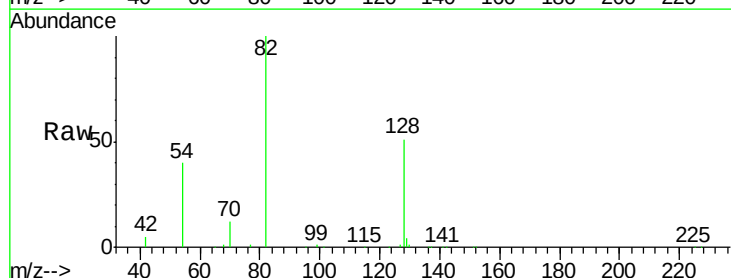
Tgt Ion: 82 Resp: 44597

Ion Ratio Lower Upper

82 100

128 51.2 40.5 60.7

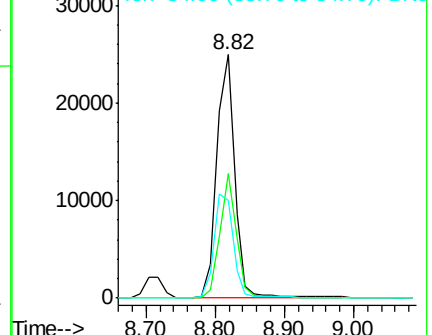
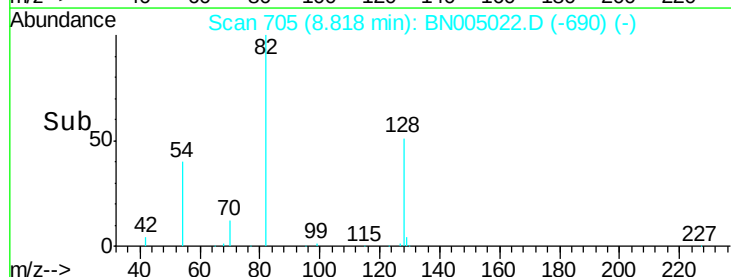
54 40.3 35.7 53.5

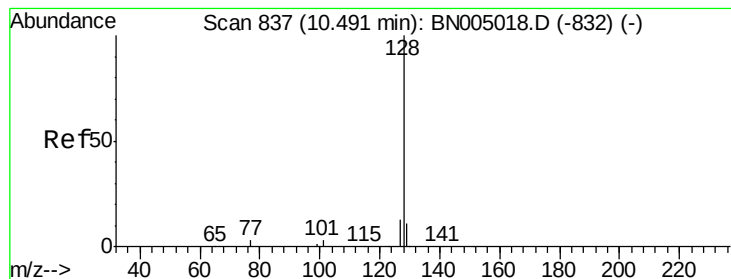


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 4.606 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

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BNA_N

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SSTDICC5.0

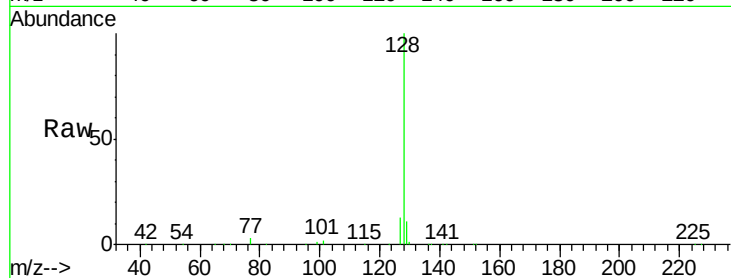
Tgt Ion:128 Resp: 171225

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

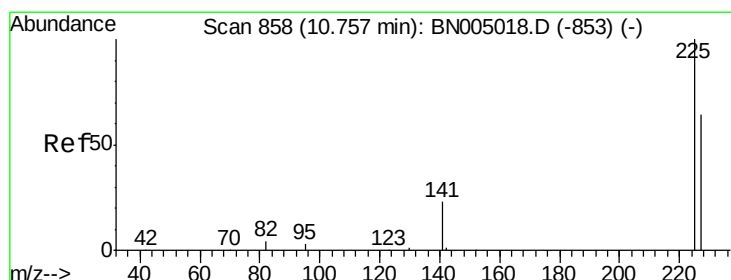
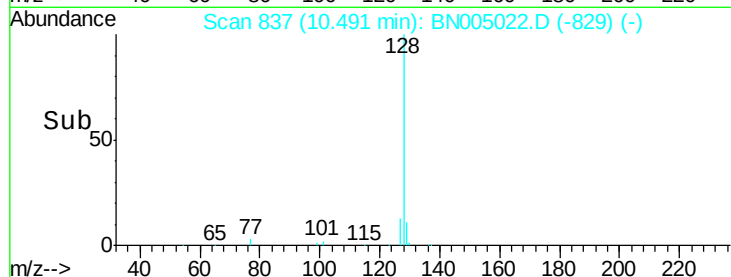
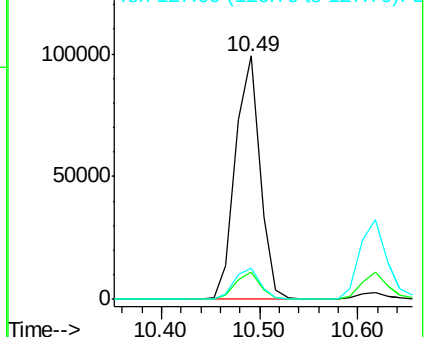
127 13.0 11.0 16.6



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: 4.389 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

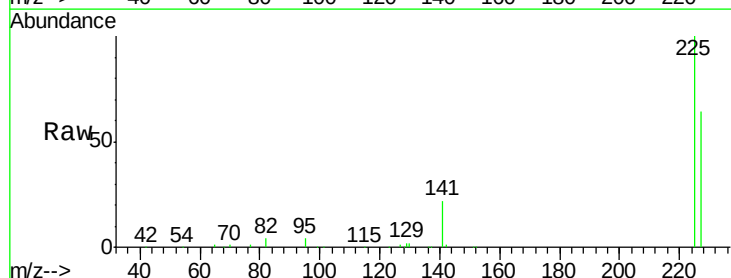
Tgt Ion:225 Resp: 31125

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

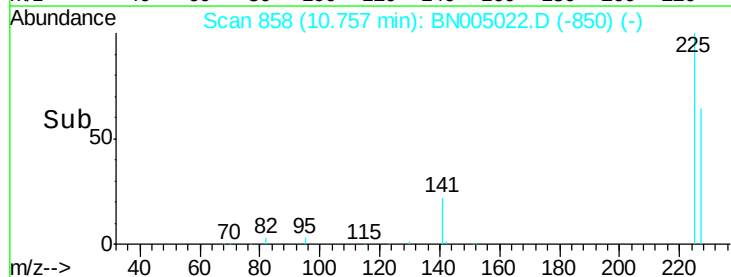
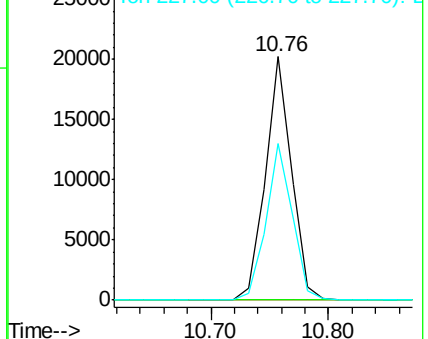
227 64.3 51.5 77.3

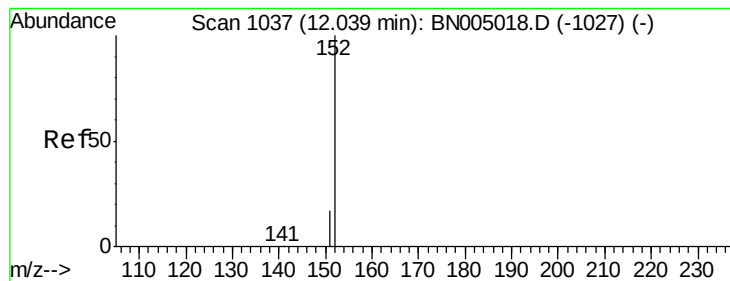


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 4.630 ng

RT: 12.03 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

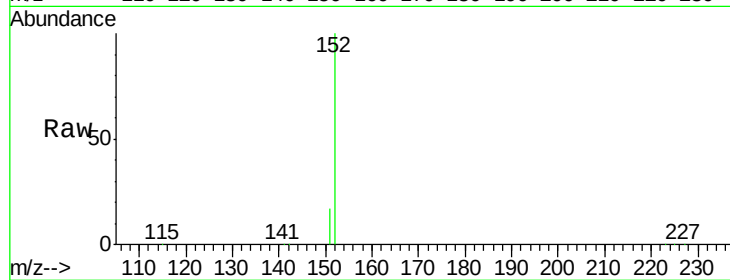
SSTDICC5.0

Tgt Ion:152 Resp: 107076

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.03

80000

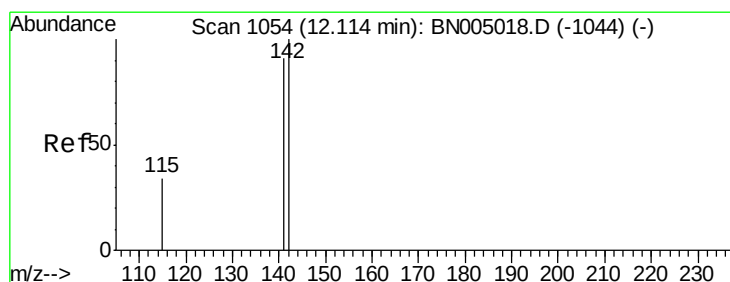
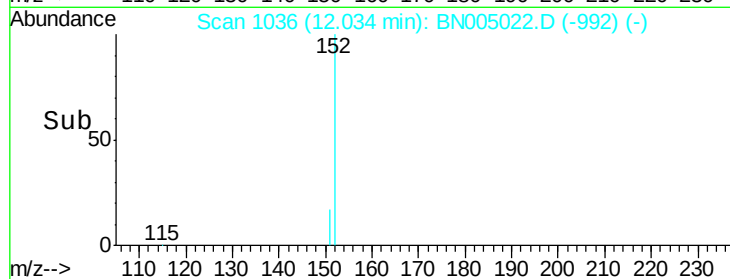
60000

40000

20000

0

Time-->



#12

2-Methylnaphthalene

Concen: 4.495 ng

RT: 12.11 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

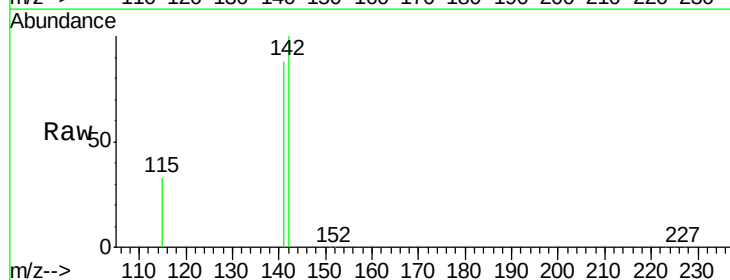
Tgt Ion:142 Resp: 124102

Ion Ratio Lower Upper

142 100

141 88.5 72.6 108.8

115 32.6 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.11

100000

80000

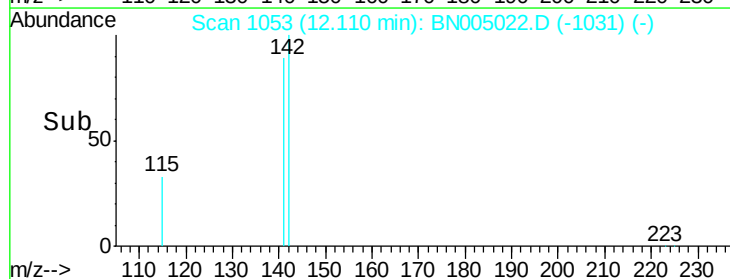
60000

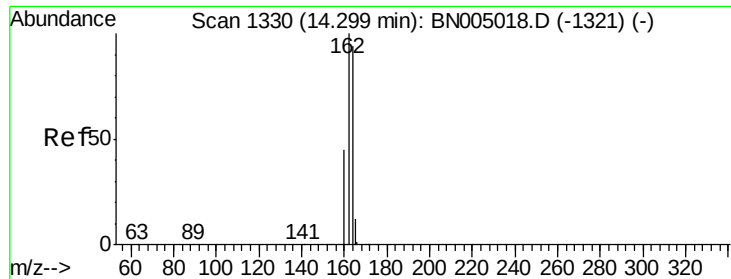
40000

20000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

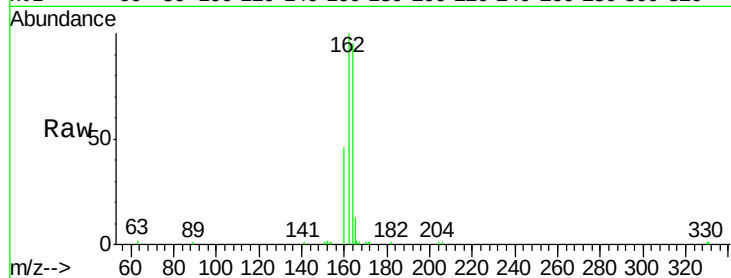
Tgt Ion:164 Resp: 7990

Ion Ratio Lower Upper

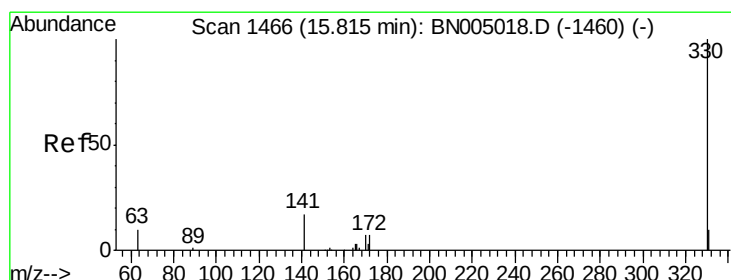
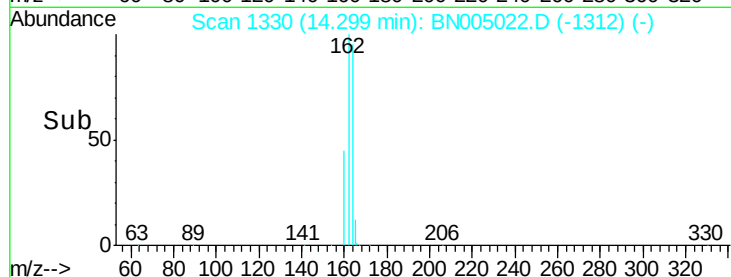
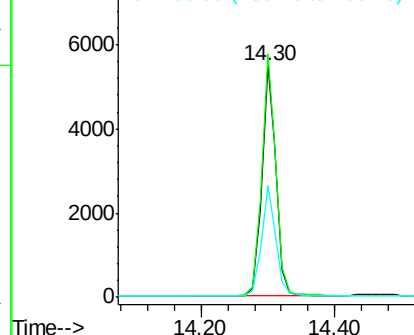
164 100

162 105.1 85.3 127.9

160 48.1 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: 5.002 ng

RT: 15.80 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

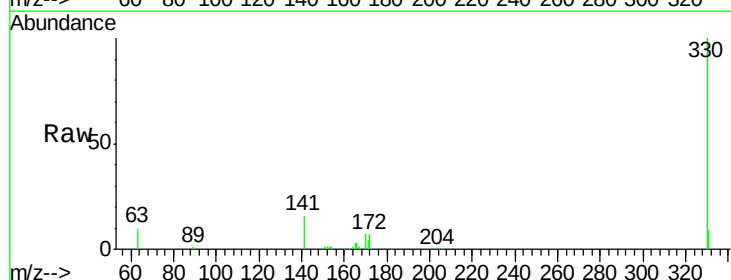
Tgt Ion:330 Resp: 27603

Ion Ratio Lower Upper

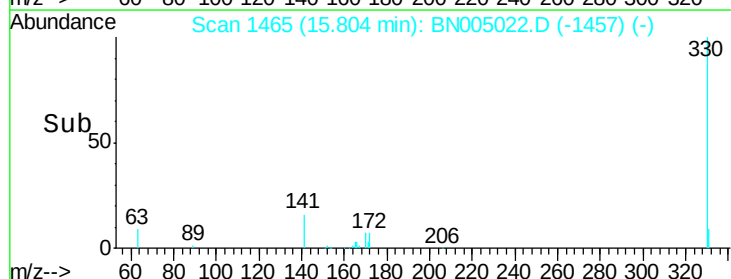
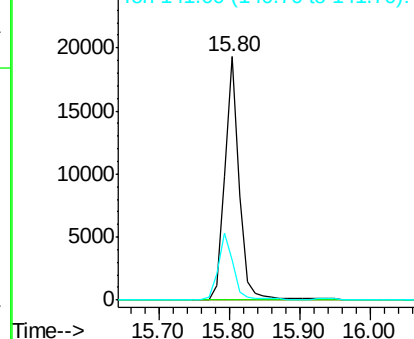
330 100

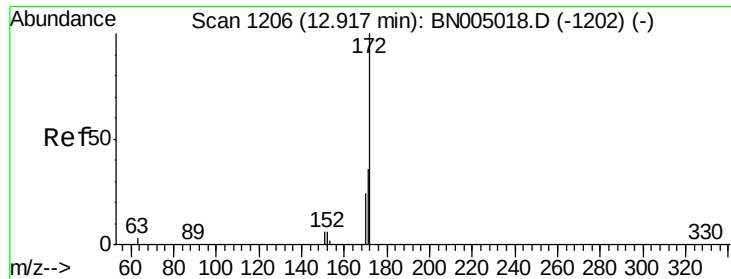
332 0.0 0.0 0.0

141 27.9 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

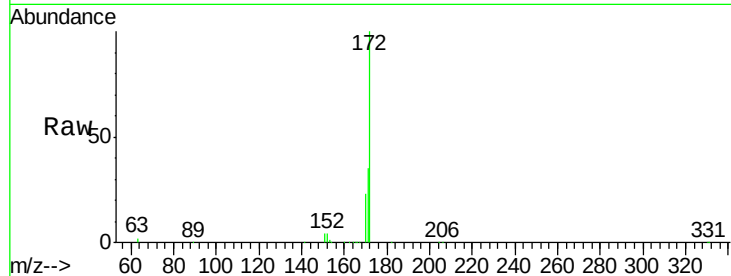




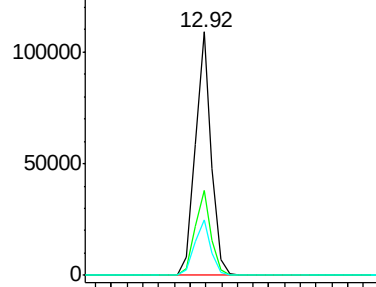
#15
2-Fluorobiphenyl
Concen: 4.706 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005022.D
Acq: 28 Mar 2019 21:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

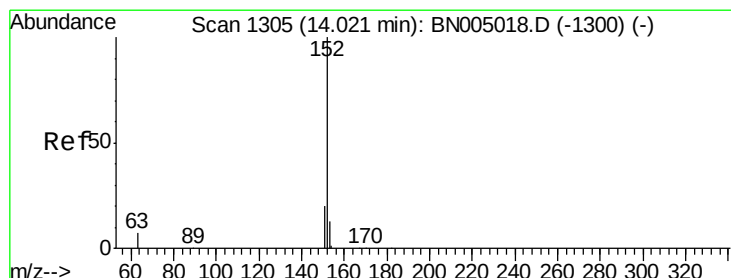
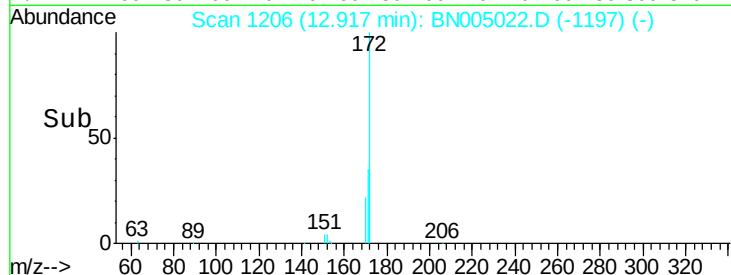
Tgt Ion:	172	Resp:	155390
Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	22.6	20.0	30.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

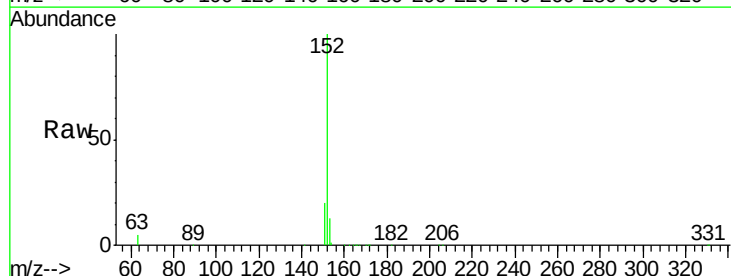


Time-->

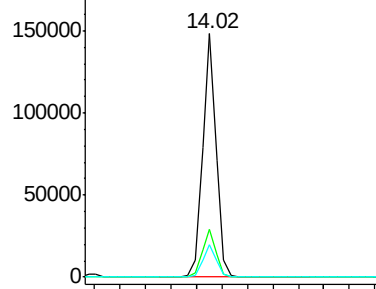


#16
Acenaphthylene
Concen: 5.254 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN005022.D
Acq: 28 Mar 2019 21:00

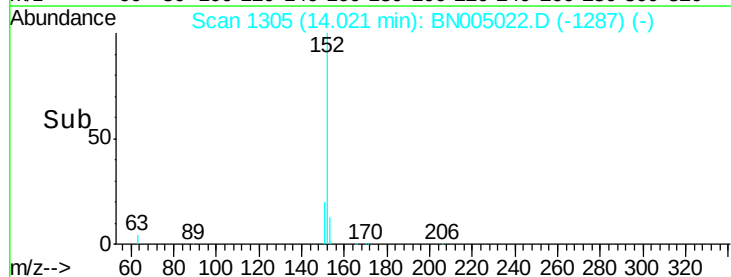
Tgt Ion:	152	Resp:	216213
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.1	10.6	15.8

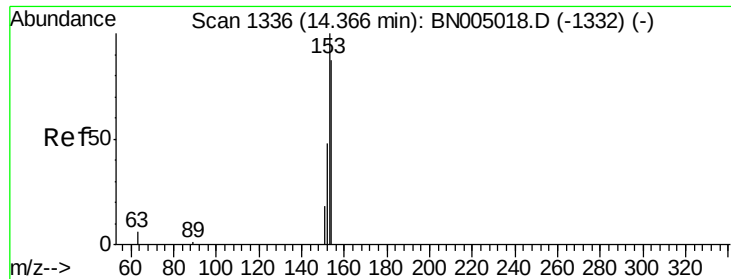


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->





#17

Acenaphthene

Concen: 4.657 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

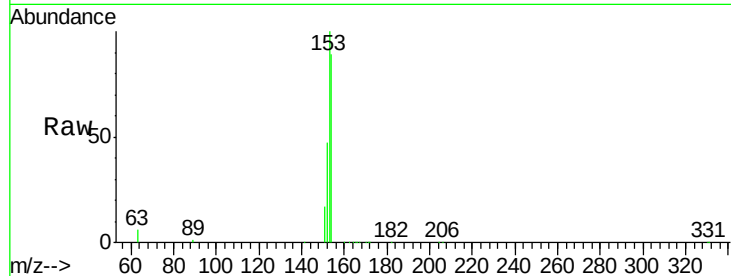
Tgt Ion:154 Resp: 125515

Ion Ratio Lower Upper

154 100

153 113.9 92.1 138.1

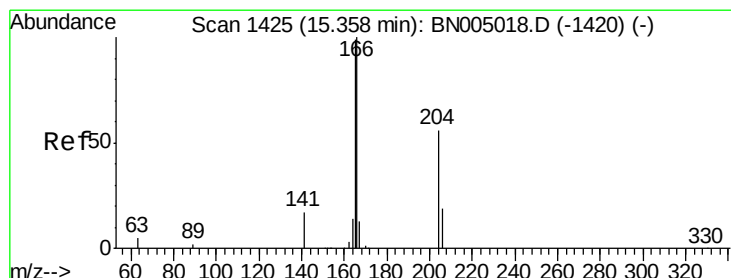
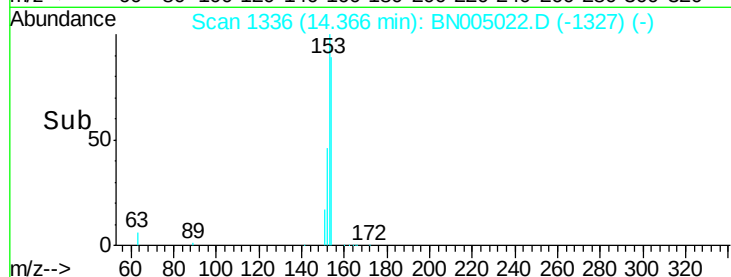
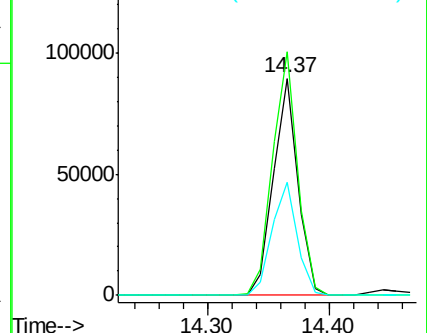
152 53.8 44.2 66.2



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: 4.432 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

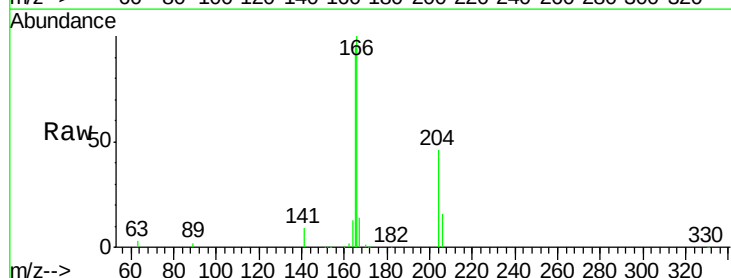
Tgt Ion:166 Resp: 166729

Ion Ratio Lower Upper

166 100

165 98.2 78.7 118.1

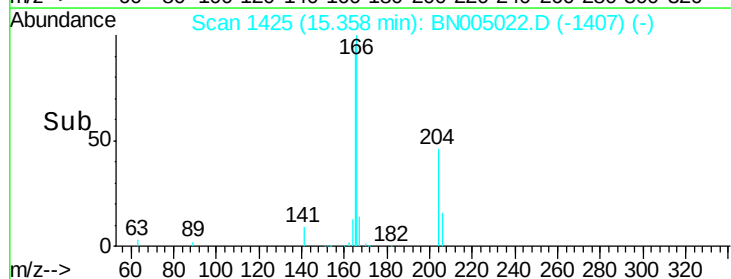
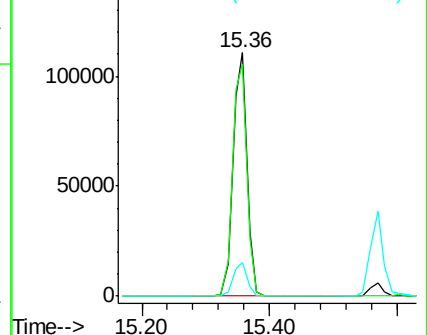
167 13.5 10.9 16.3

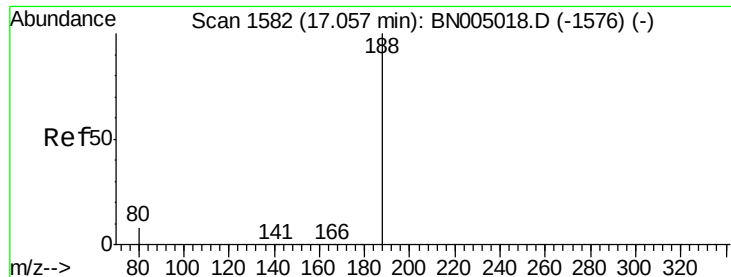


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

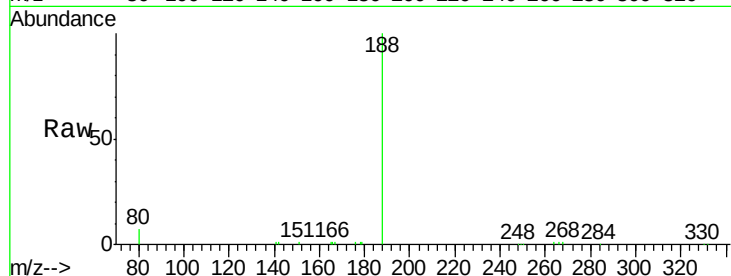
Tgt Ion:188 Resp: 18330

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

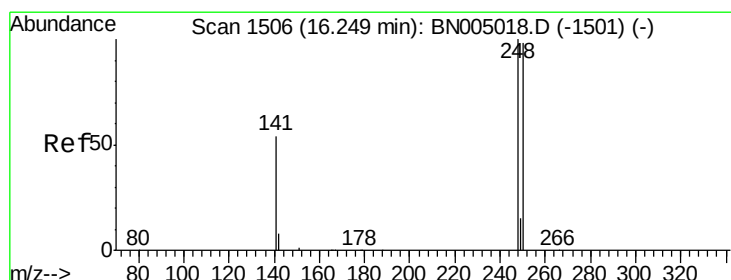
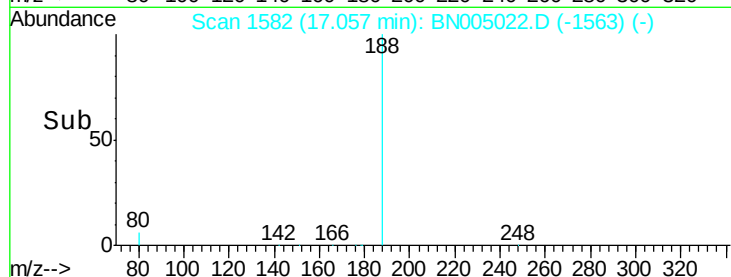
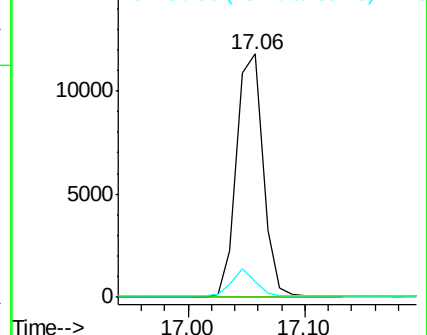
80 6.6 6.9 10.3#



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: 4.844 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

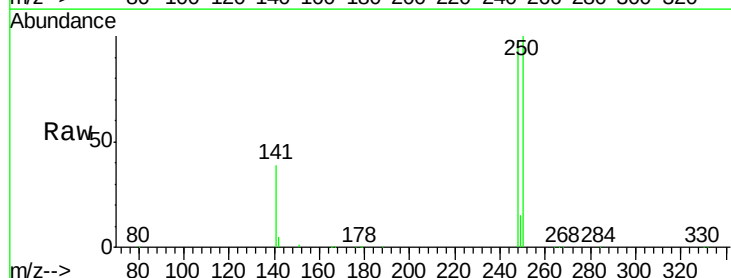
Tgt Ion:248 Resp: 58008

Ion Ratio Lower Upper

248 100

250 103.2 78.6 117.8

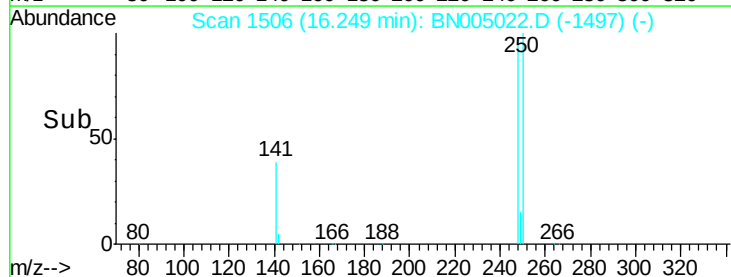
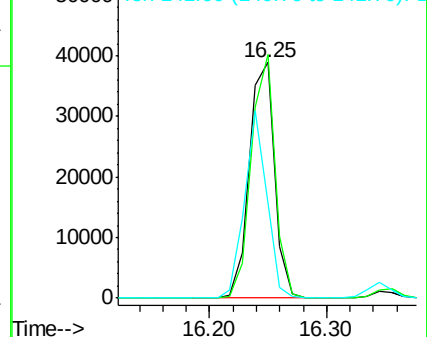
141 40.2 43.6 65.4#

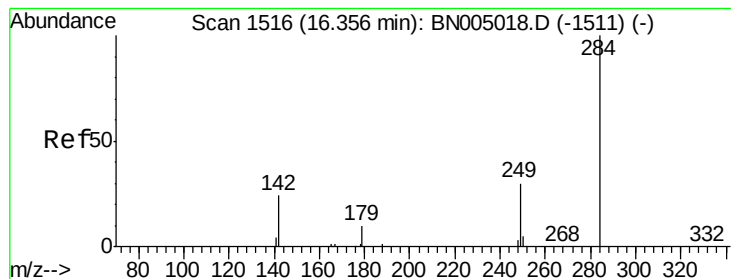


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.527 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

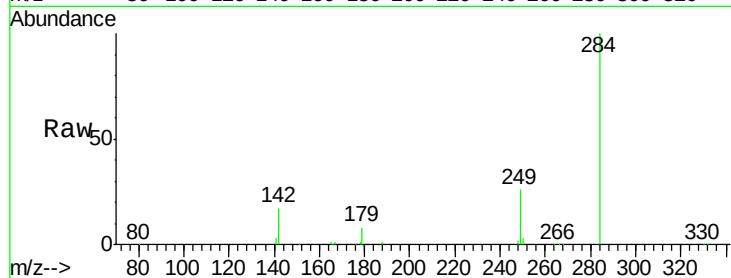
Tgt Ion:284 Resp: 62047

Ion Ratio Lower Upper

284 100

142 31.1 24.9 37.3

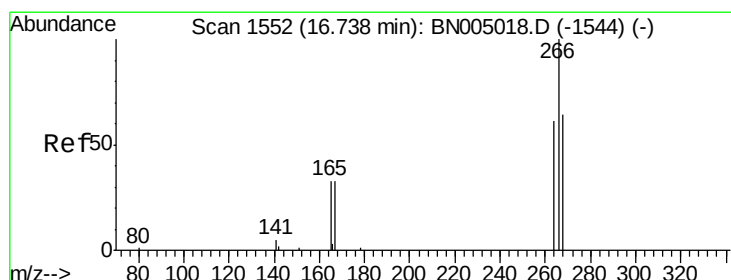
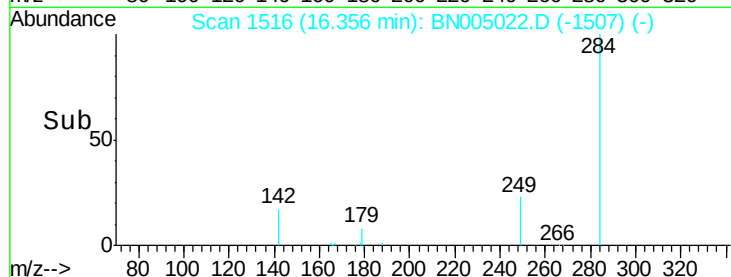
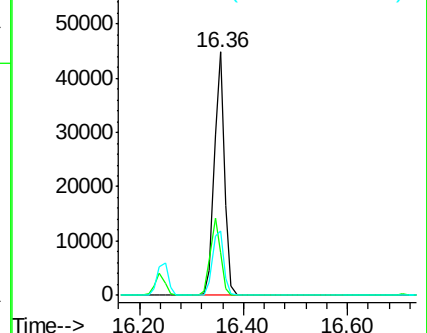
249 29.4 23.8 35.6



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: 7.082 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

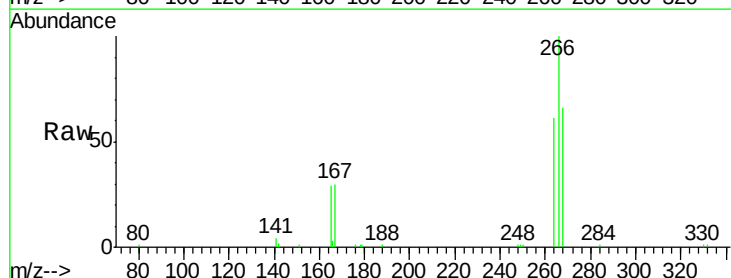
Tgt Ion:266 Resp: 18981

Ion Ratio Lower Upper

266 100

264 61.1 53.4 80.0

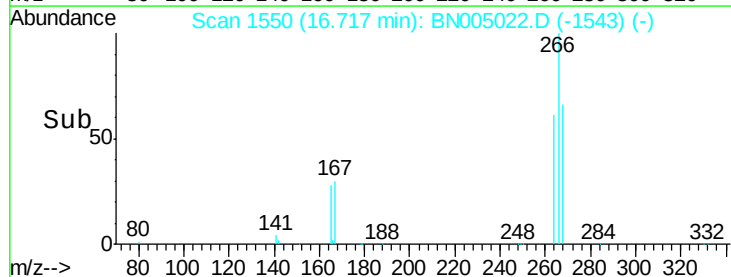
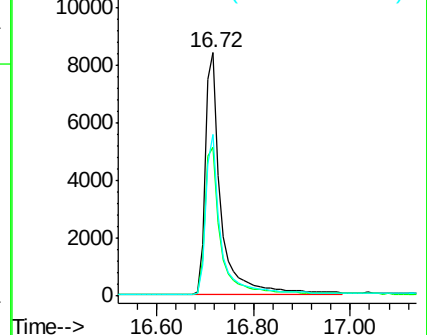
268 66.3 58.9 88.3

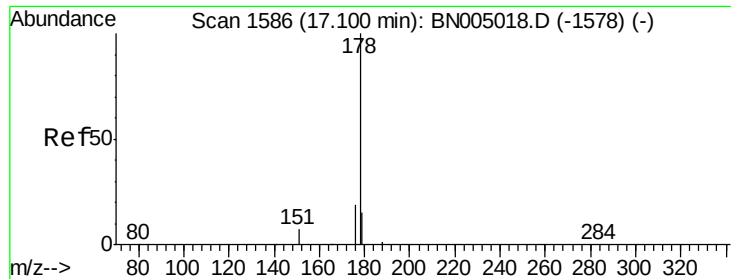


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 4.550 ng

RT: 17.09 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

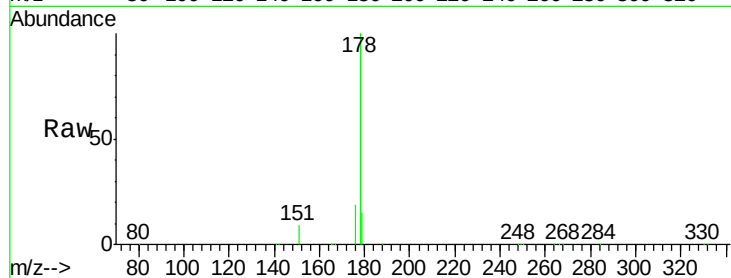
Tgt Ion:178 Resp: 269296

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

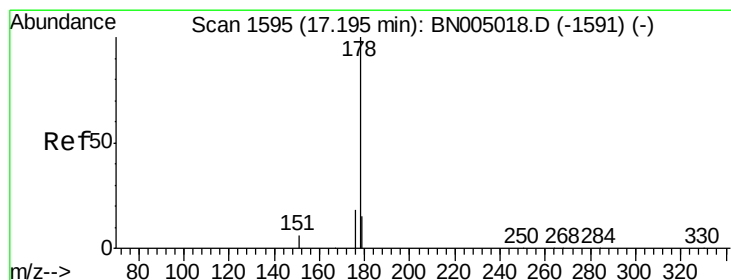
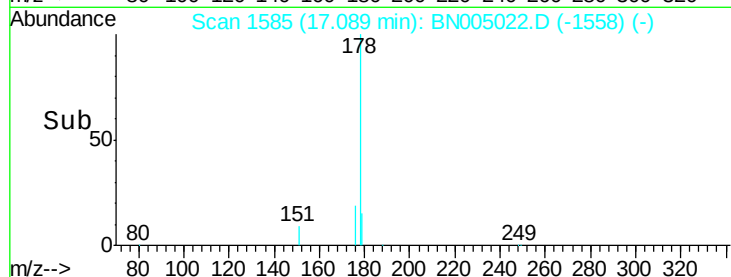
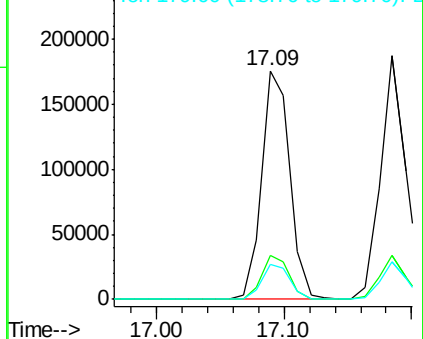
179 15.4 12.2 18.2



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: 4.899 ng

RT: 17.18 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

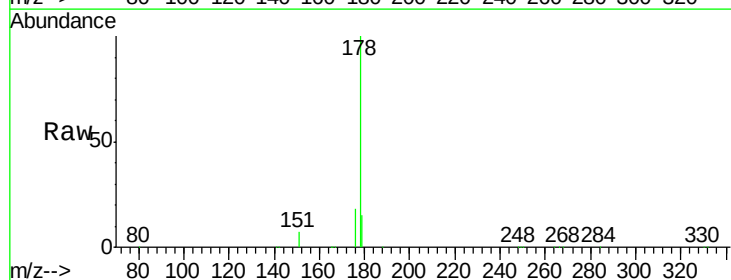
Tgt Ion:178 Resp: 259006

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

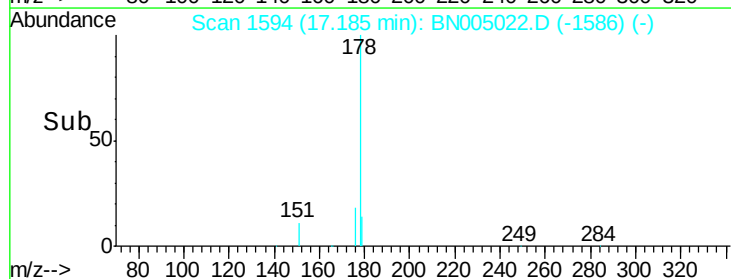
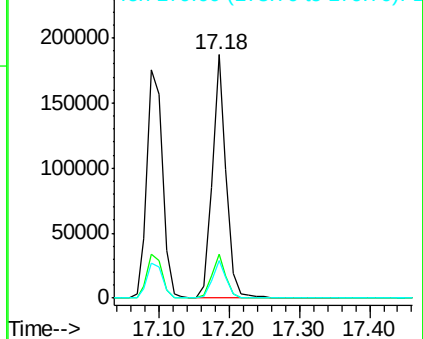
179 15.4 12.3 18.5

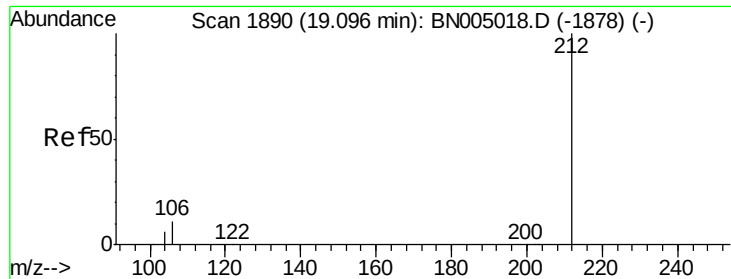


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

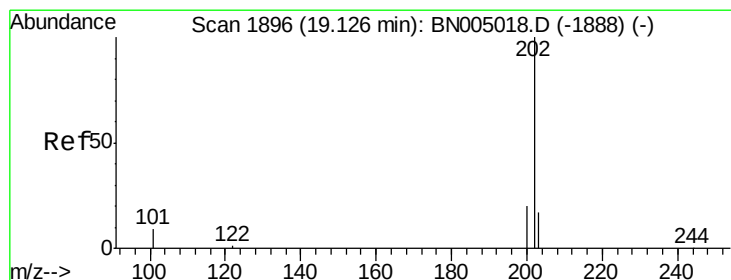
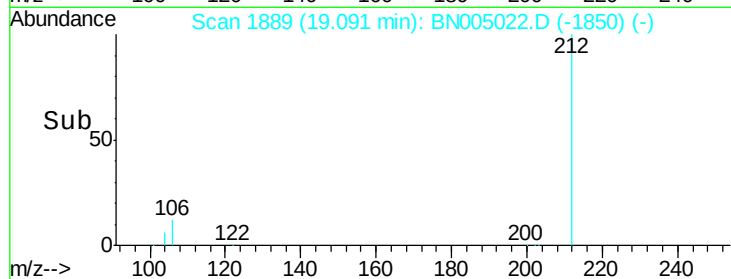
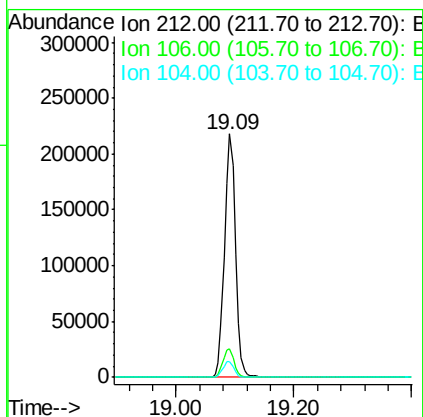
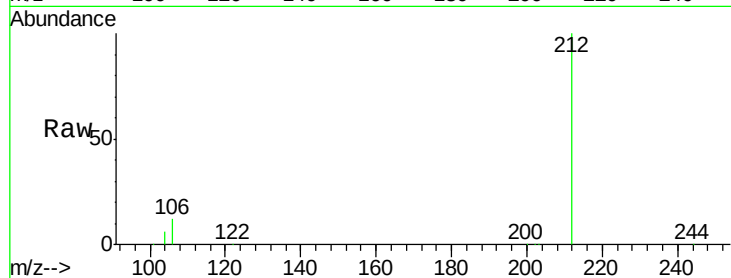




#25
 Fluoranthene-d10
 Concen: 4.587 ng
 RT: 19.09 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BN005022.D
 Acq: 28 Mar 2019 21:00

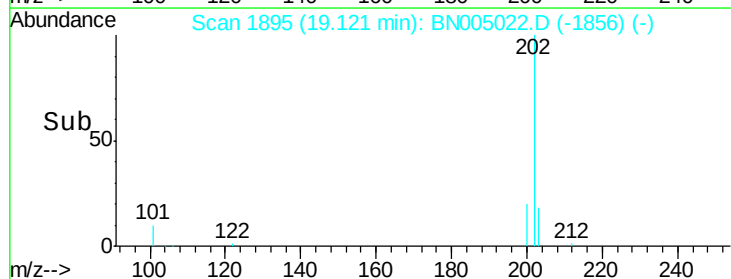
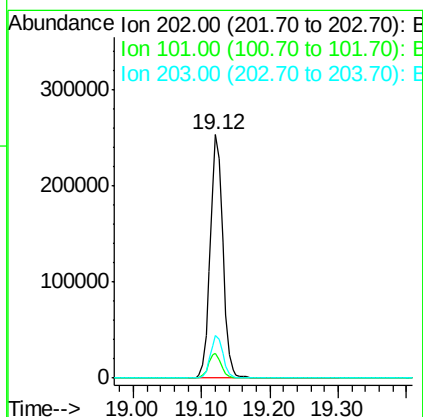
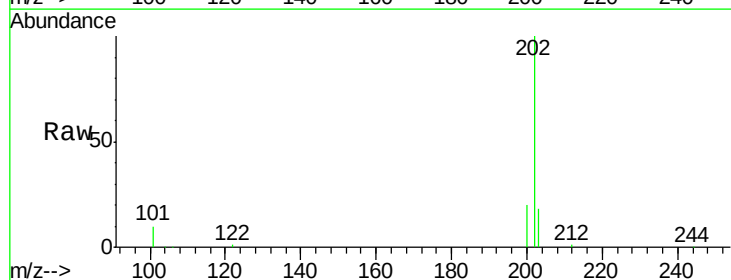
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

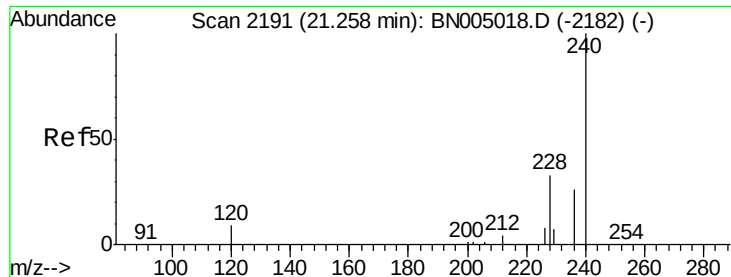
Tgt Ion: 212 Resp: 281558
 Ion Ratio Lower Upper
 212 100
 106 11.9 9.4 14.2
 104 6.6 5.4 8.0



#26
 Fluoranthene
 Concen: 4.327 ng
 RT: 19.12 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BN005022.D
 Acq: 28 Mar 2019 21:00

Tgt Ion: 202 Resp: 329123
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.2 12.2
 203 17.5 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: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

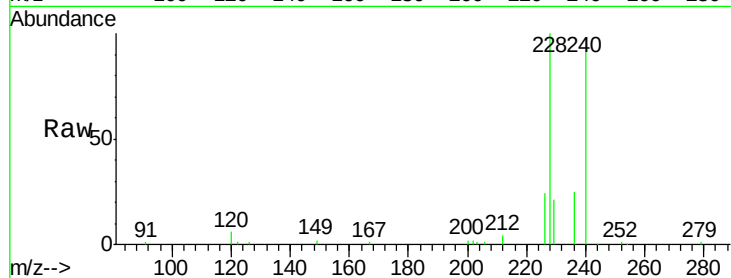
Tgt Ion:240 Resp: 22945

Ion Ratio Lower Upper

240 100

120 6.2 7.4 11.0#

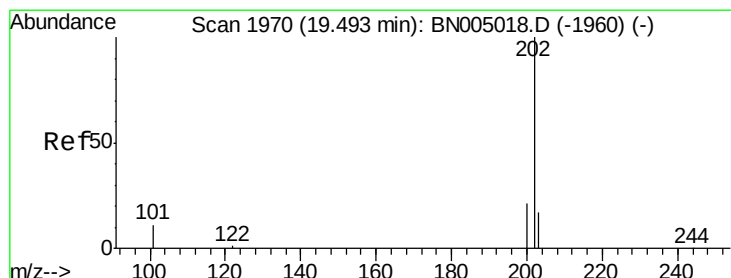
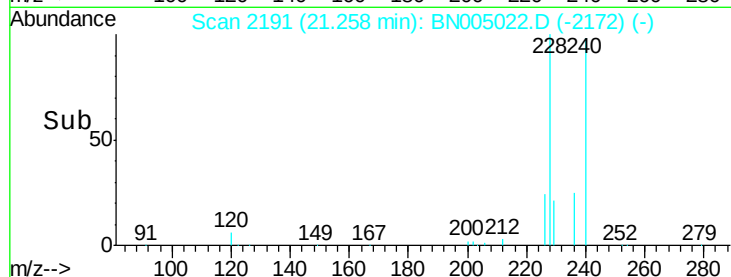
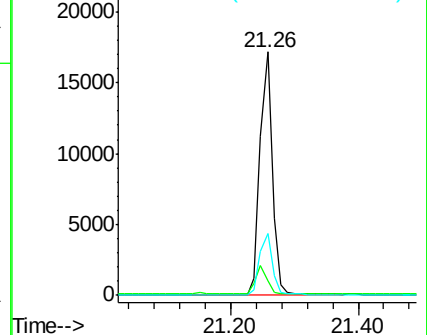
236 25.3 21.0 31.6



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: 4.751 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

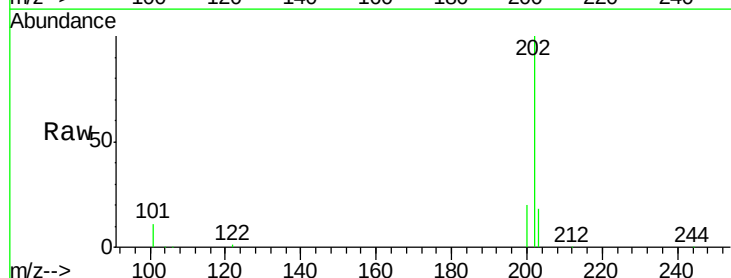
Tgt Ion:202 Resp: 332384

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

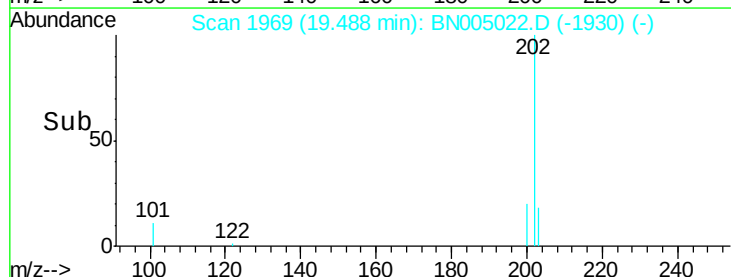
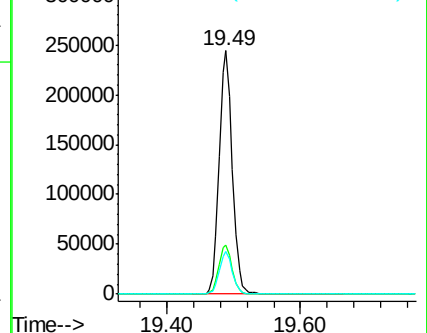
203 17.6 13.9 20.9

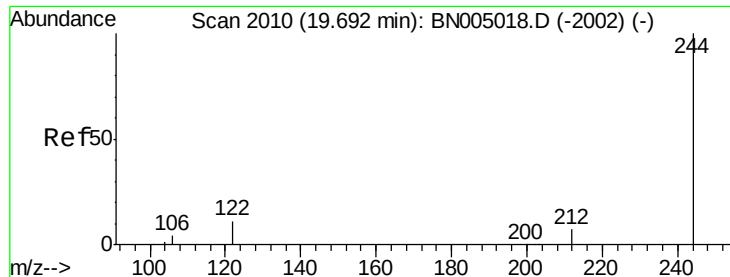


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

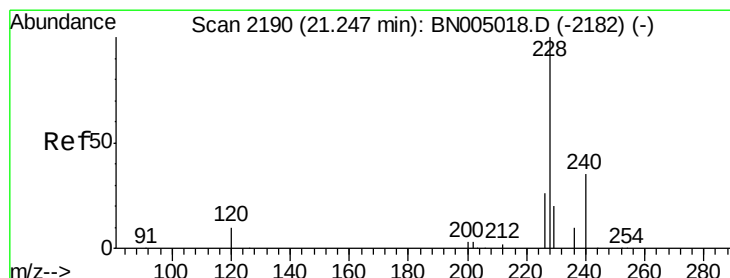
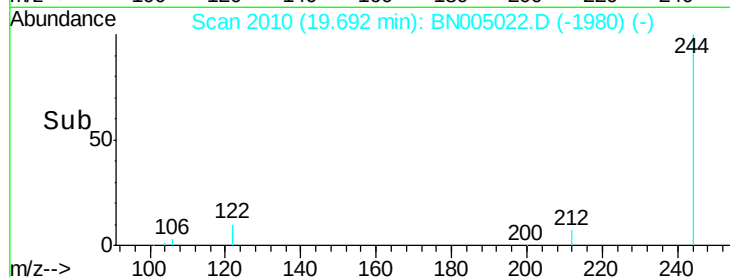
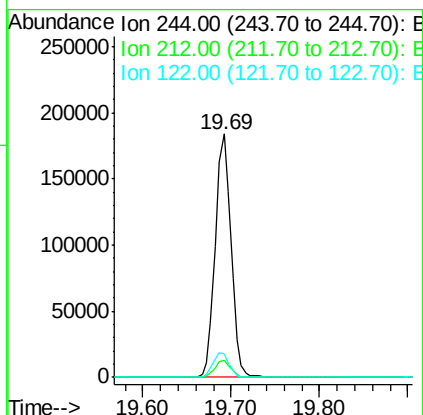
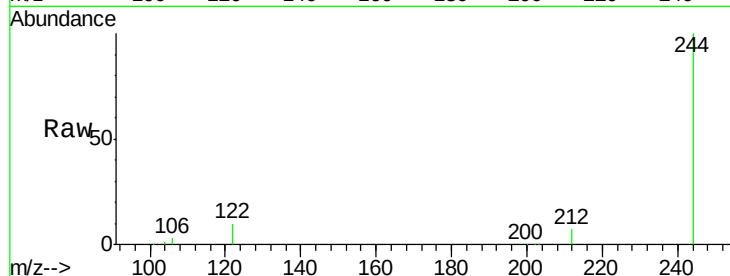




#29
 Terphenyl-d14
 Concen: 4.842 ng
 RT: 19.69 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BN005022.D
 Acq: 28 Mar 2019 21:00

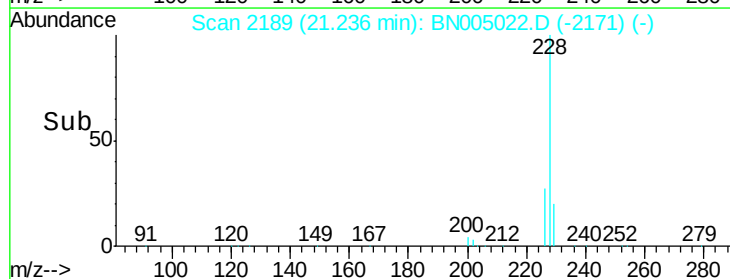
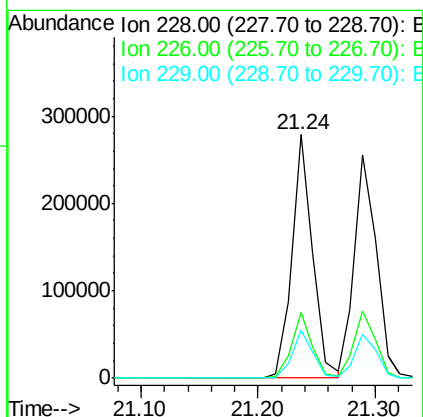
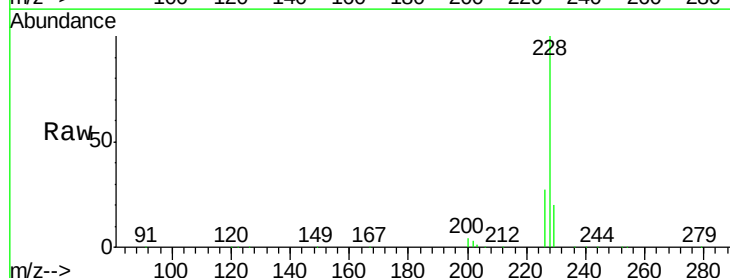
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

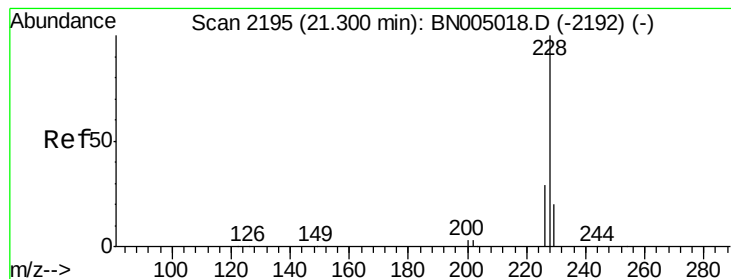
Tgt Ion: 244 Resp: 227332
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.9 9.0 13.4



#30
 Benzo(a)anthracene
 Concen: 4.554 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BN005022.D
 Acq: 28 Mar 2019 21:00

Tgt Ion: 228 Resp: 342684
 Ion Ratio Lower Upper
 228 100
 226 27.0 20.9 31.3
 229 19.5 16.2 24.2





#31

Chrysene

Concen: 4.209 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

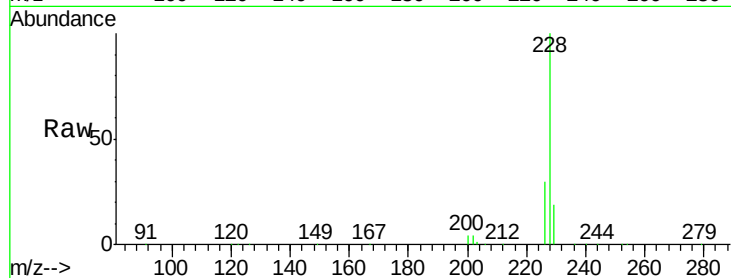
Tgt Ion: 228 Resp: 333560

Ion Ratio Lower Upper

228 100

226 29.9 22.8 34.2

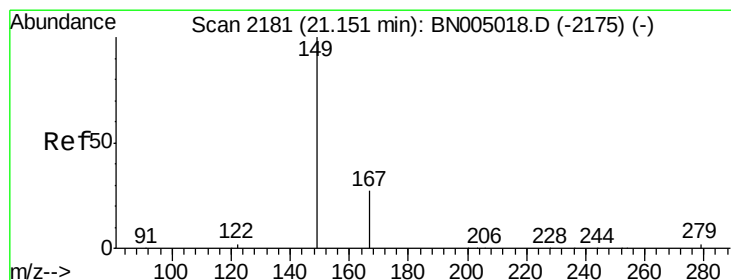
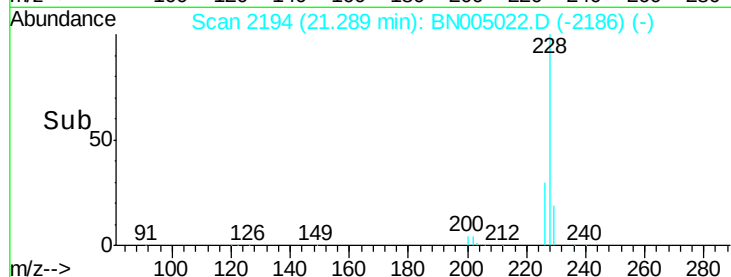
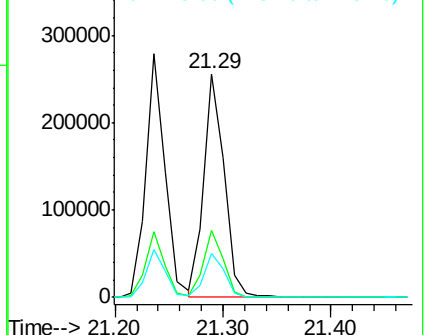
229 19.4 16.2 24.4



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: 5.700 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

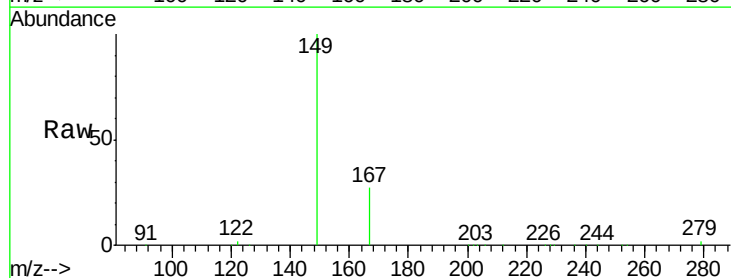
Tgt Ion: 149 Resp: 171376

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

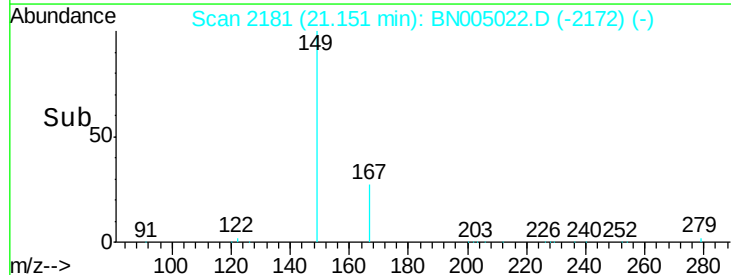
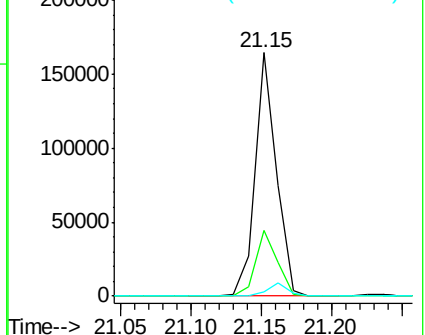
279 5.2 4.2 6.4

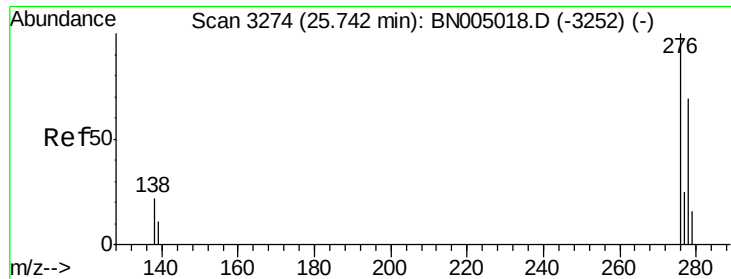


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

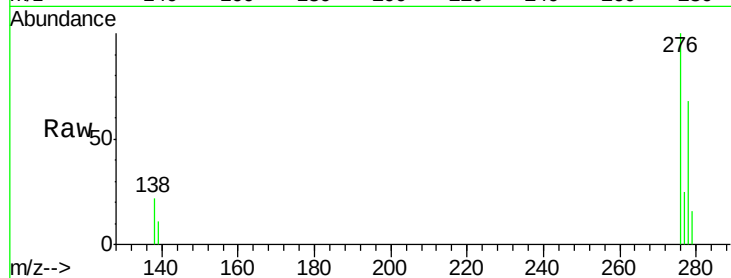




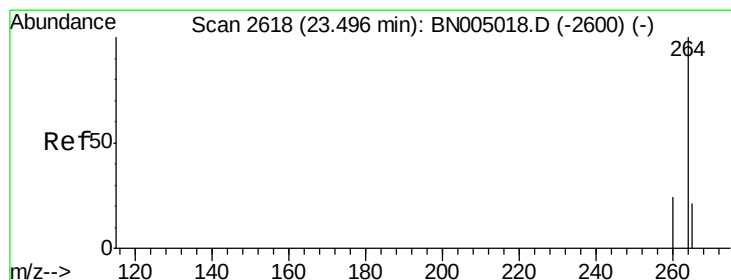
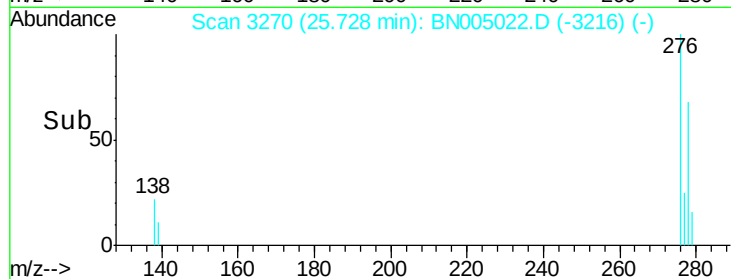
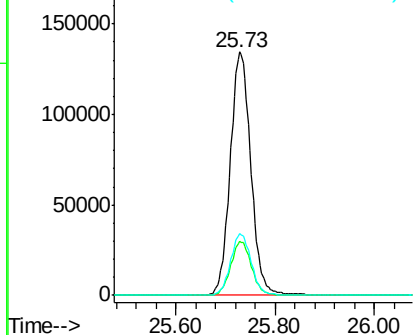
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.359 ng
 RT: 25.73 min Scan# 3270
 Delta R.T. -0.01 min
 Lab File: BN005022.D
 Acq: 28 Mar 2019 21:00

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tgt Ion: 276 Resp: 385162
 Ion Ratio Lower Upper
 276 100
 138 22.5 18.2 27.2
 277 25.4 20.3 30.5

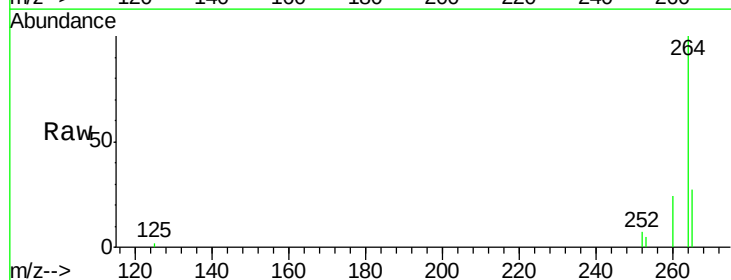


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

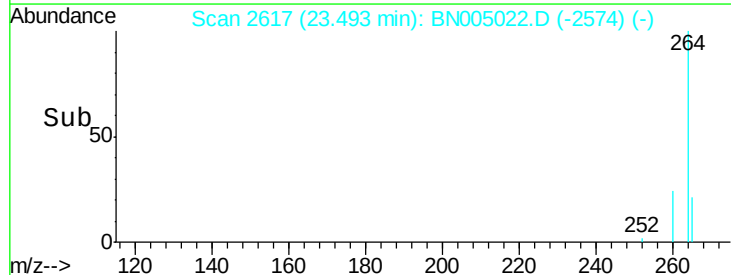
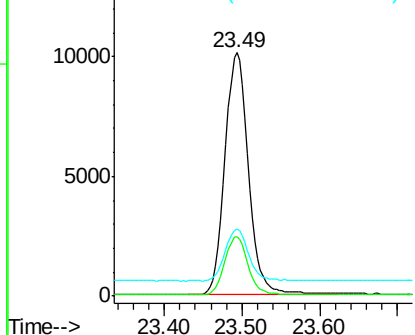


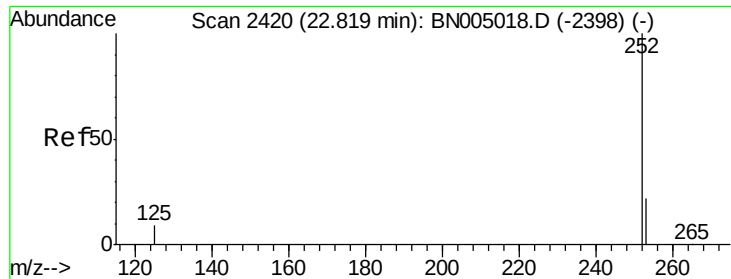
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BN005022.D
 Acq: 28 Mar 2019 21:00

Tgt Ion: 264 Resp: 21166
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 27.3 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: 4.657 ng

RT: 22.81 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

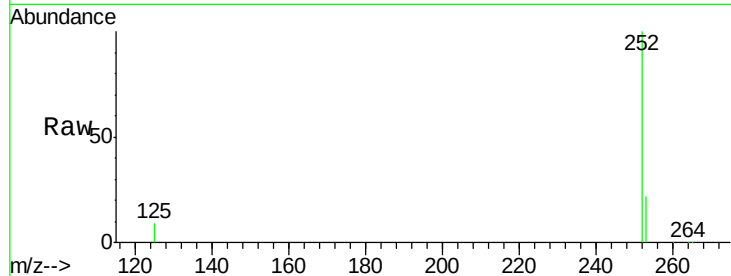
Tgt Ion:252 Resp: 356557

Ion Ratio Lower Upper

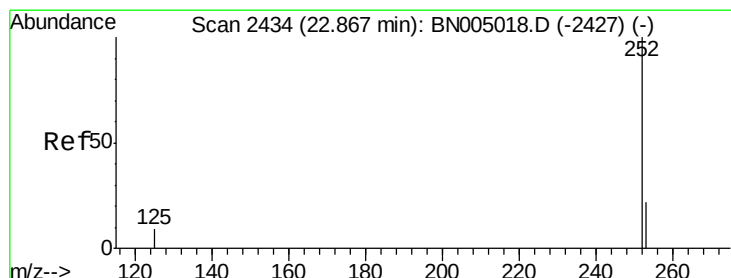
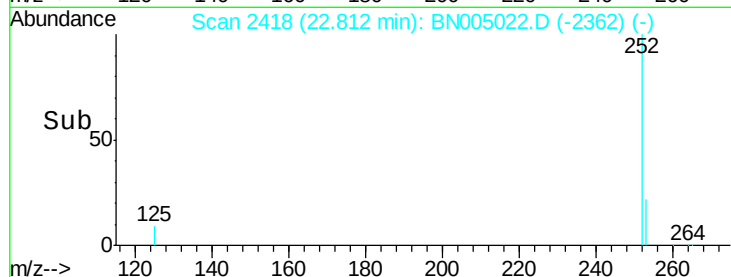
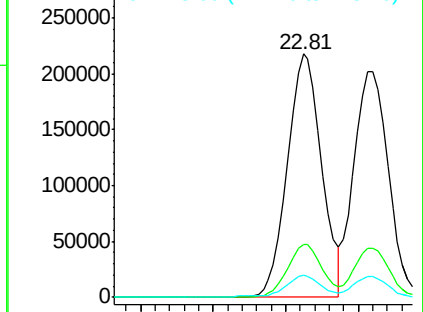
252 100

253 21.9 19.2 28.8

125 9.2 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: 4.461 ng

RT: 22.86 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

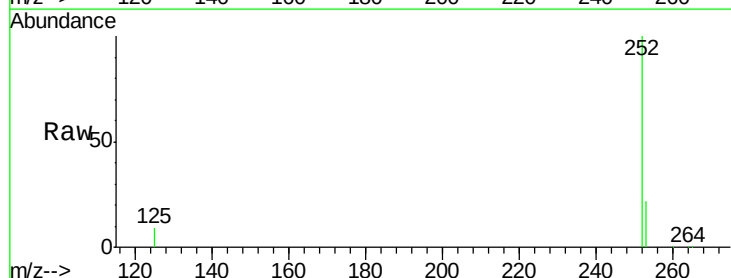
Tgt Ion:252 Resp: 336017

Ion Ratio Lower Upper

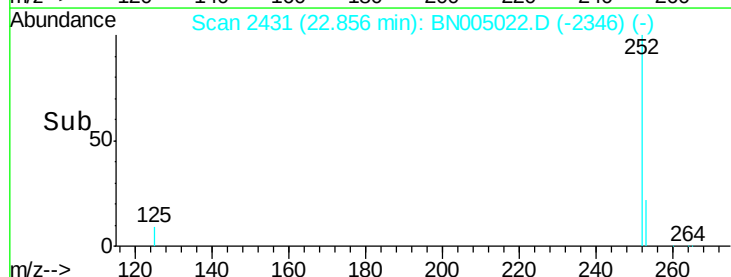
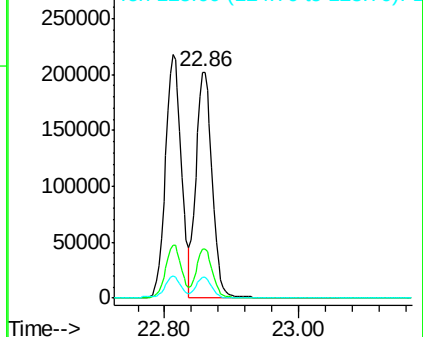
252 100

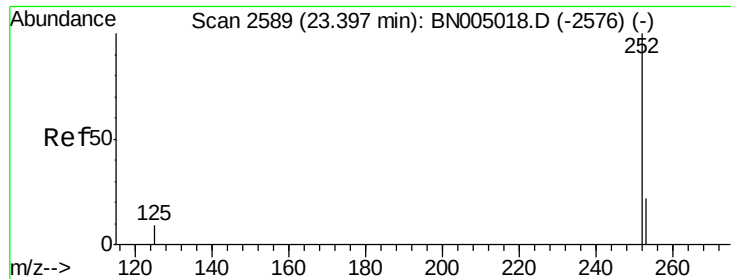
253 22.0 19.3 28.9

125 9.2 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: 4.612 ng

RT: 23.39 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

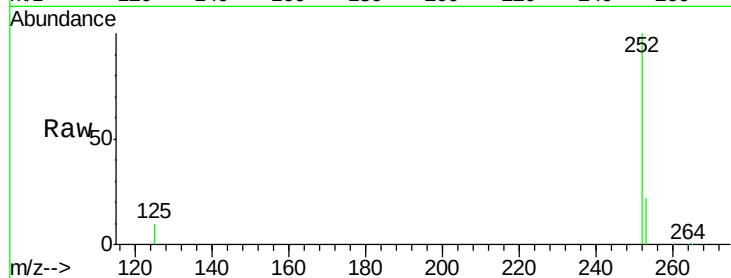
Tgt Ion:252 Resp: 323987

Ion Ratio Lower Upper

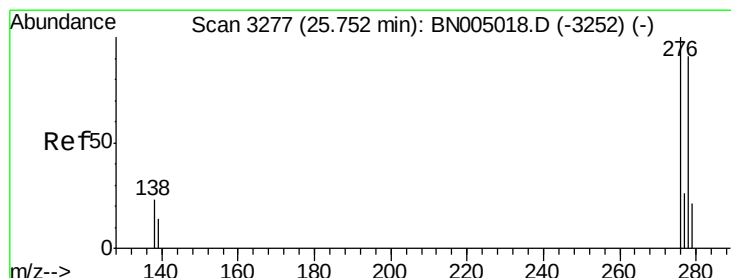
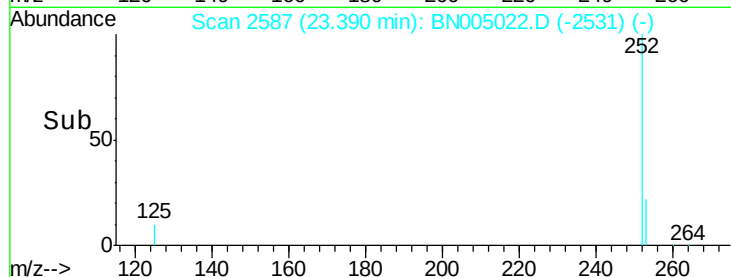
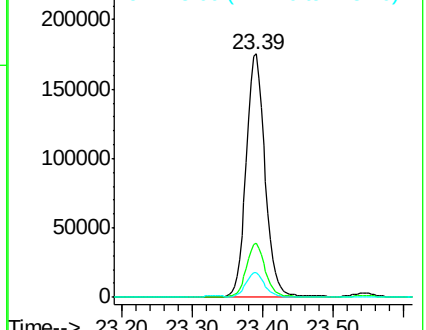
252 100

253 22.2 20.2 30.2

125 10.0 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: 3.873 ng

RT: 25.74 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BN005022.D

Acq: 28 Mar 2019 21:00

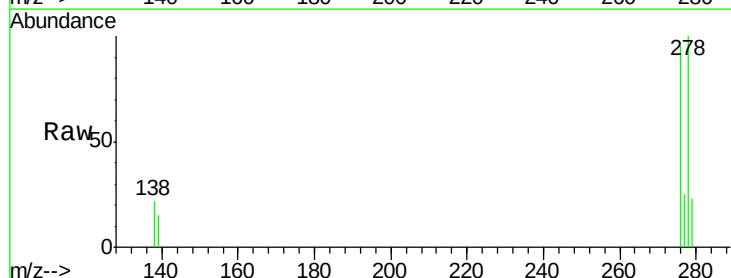
Tgt Ion:278 Resp: 315119

Ion Ratio Lower Upper

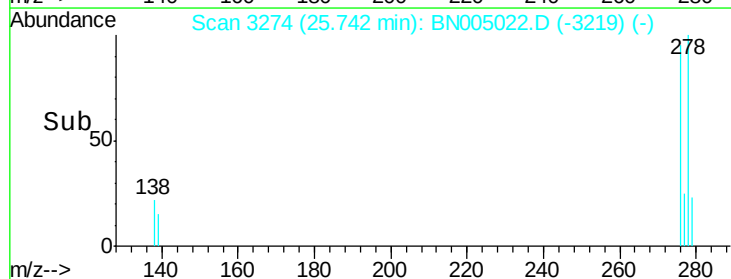
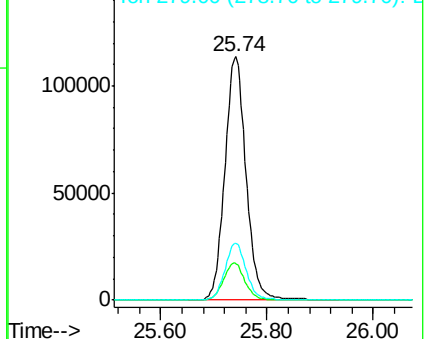
278 100

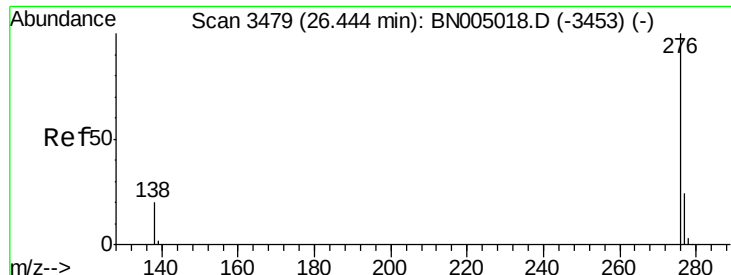
139 15.0 13.1 19.7

279 23.4 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: 3.735 ng

RT: 26.42 min Scan# 3473

Delta R.T. -0.02 min

Lab File: BN005022.D

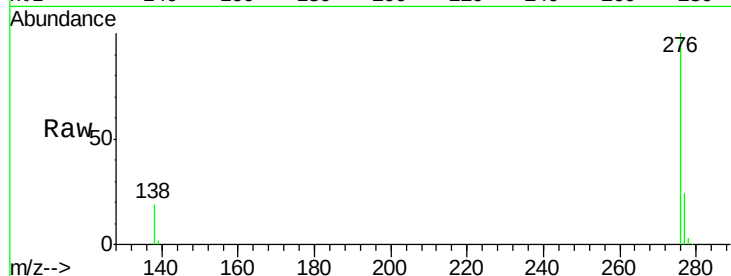
Acq: 28 Mar 2019 21:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



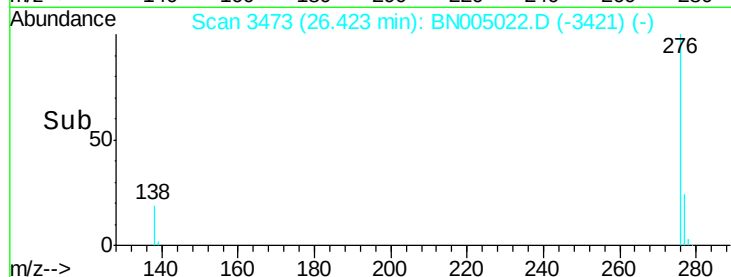
Tgt Ion: 276 Resp: 309618

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.6

138 19.1 16.4 24.6



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

