

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
 Data File : BN005061.D
 Acq On : 02 Apr 2019 14:35
 Operator : JU/SJ
 Sample : K2073-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P001-TW001-03MS

Quant Time: Apr 03 01:57:36 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 03:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3028	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	12745	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7005	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	16066	0.40	ng	0.00
27) Chrysene-d12	21.26	240	16898	0.40	ng	0.00
34) Perylene-d12	23.50	264	14958	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	1426	0.19	ng	0.00
5) Phenol-d6	6.85	99	1071	0.12	ng	0.00
8) Nitrobenzene-d5	8.82	82	2906	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	8230	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1485	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	12008	0.45	ng	0.00
25) Fluoranthene-d10	19.10	212	18790	0.41	ng	0.00
29) Terphenyl-d14	19.69	244	16130	0.46	ng	0.00

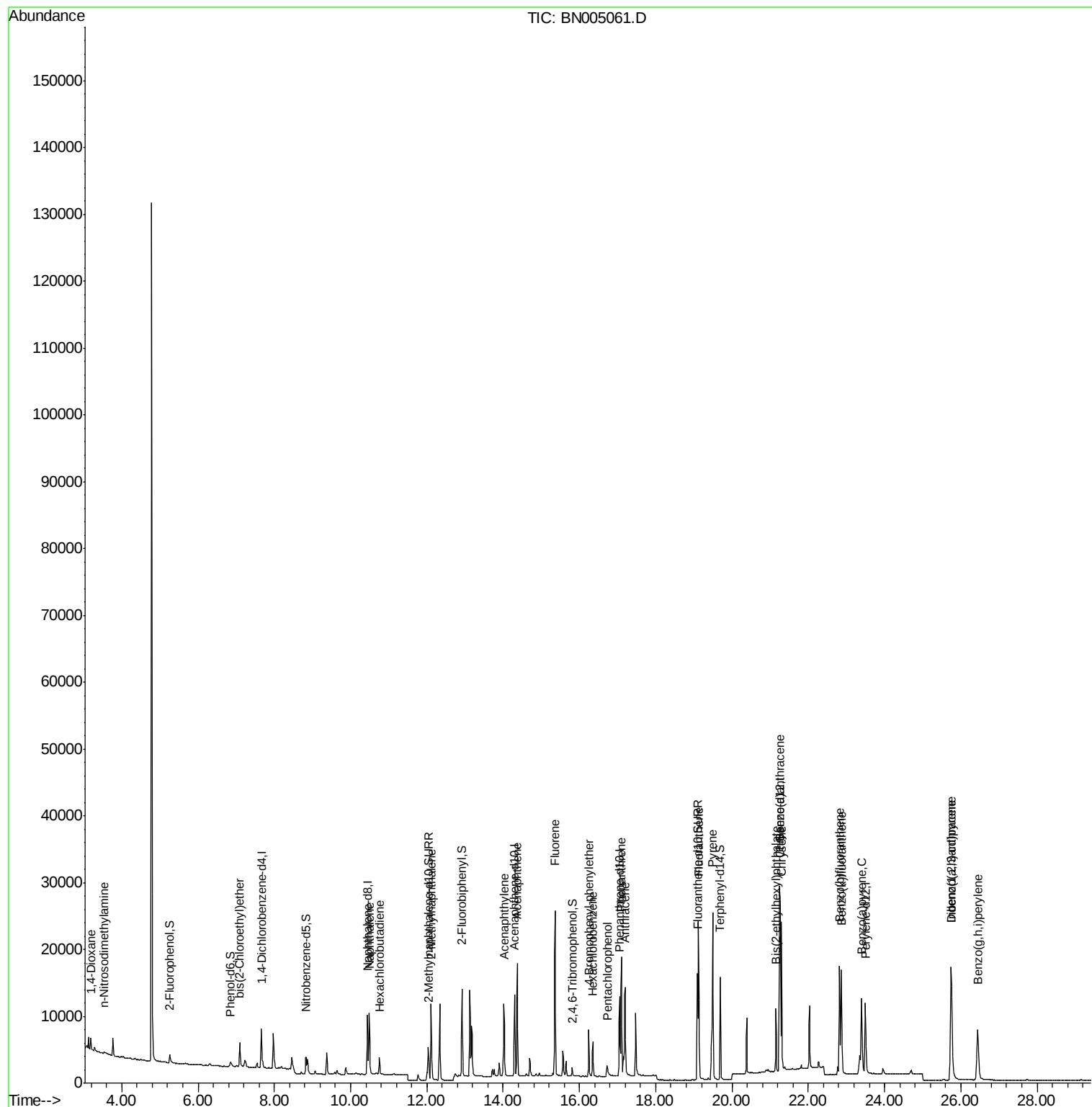
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	1150	0.353	ng	# 85
3) n-Nitrosodimethylamine	3.54	42	249	0.125	ng	# 95
6) bis(2-Chloroethyl)ether	7.10	93	3263	0.386	ng	96
9) Naphthalene	10.49	128	12891	0.402	ng	100
10) Hexachlorobutadiene	10.76	225	2106	0.354	ng	# 99
12) 2-Methylnaphthalene	12.11	142	9117	0.395	ng	98
16) Acenaphthylene	14.02	152	12729	0.385	ng	100
17) Acenaphthene	14.37	154	8609	0.410	ng	99
18) Fluorene	15.36	166	11615	0.412	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	3797	0.413	ng	96
21) Hexachlorobenzene	16.36	284	4249	0.418	ng	98
22) Pentachlorophenol	16.73	266	1676	0.841	ng	97
23) Phenanthrene	17.10	178	19048	0.424	ng	99
24) Anthracene	17.20	178	16732	0.418	ng	100
26) Fluoranthene	19.13	202	22142	0.402	ng	100
28) Pyrene	19.49	202	22800	0.475	ng	99
30) Benzo(a)anthracene	21.25	228	19694	0.413	ng	100
31) Chrysene	21.30	228	21096	0.411	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	8246	0.413	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	20970	0.363	ng	100
35) Benzo(b)fluoranthene	22.82	252	20587	0.429	ng	99
36) Benzo(k)fluoranthene	22.87	252	20892	0.451	ng	100
37) Benzo(a)pyrene	23.40	252	18438	0.432	ng	99
38) Dibenzo(a,h)anthracene	25.75	278	17425	0.408	ng	100
39) Benzo(g,h,i)perylene	26.44	276	17718	0.412	ng	99

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

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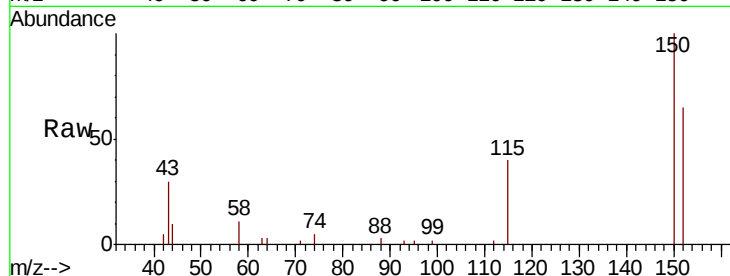


#1

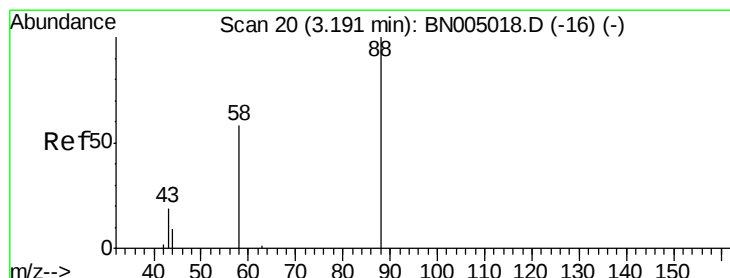
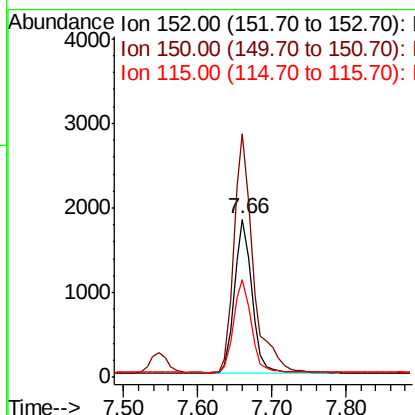
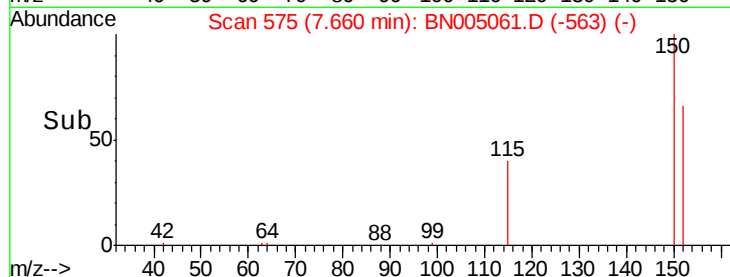
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BN005061.D
 Acq: 02 Apr 2019 14:35

Instrument :
 BNA_N
 ClientSampleId :
 P001-TW001-03MS

Tgt Ion:152 Resp: 3028
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.4 185.2
 115 61.4 50.0 75.0



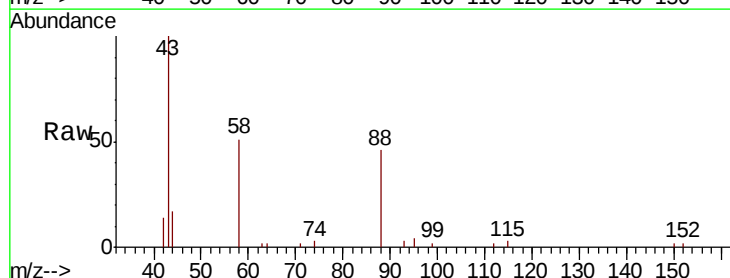
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



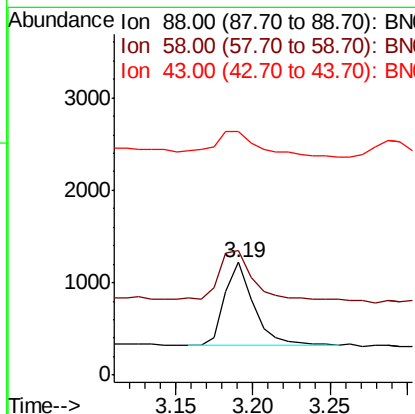
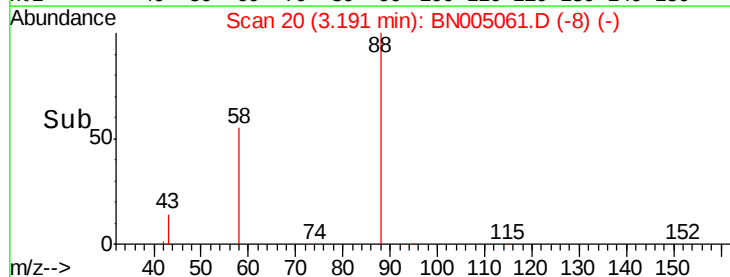
#2

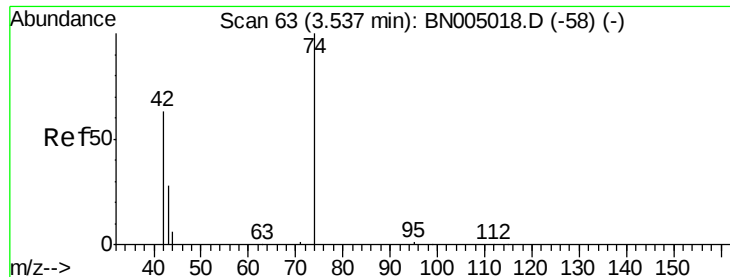
1,4-Dioxane
 Concen: 0.353 ng
 RT: 3.19 min Scan# 20
 Delta R.T. 0.00 min
 Lab File: BN005061.D
 Acq: 02 Apr 2019 14:35

Tgt Ion: 88 Resp: 1150
 Ion Ratio Lower Upper
 88 100
 58 66.4 52.8 79.2
 43 50.7 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: 0.125 ng

RT: 3.54 min Scan# 63

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

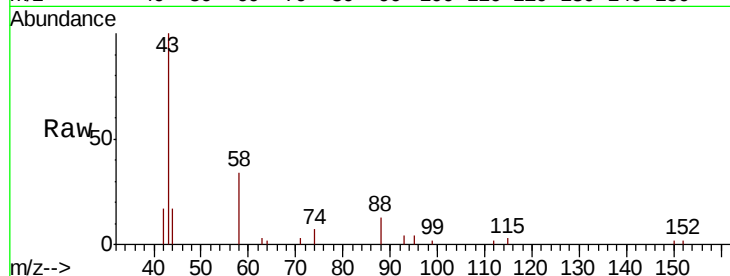
Tgt Ion: 42 Resp: 249

Ion Ratio Lower Upper

42 100

74 164.7 129.1 193.7

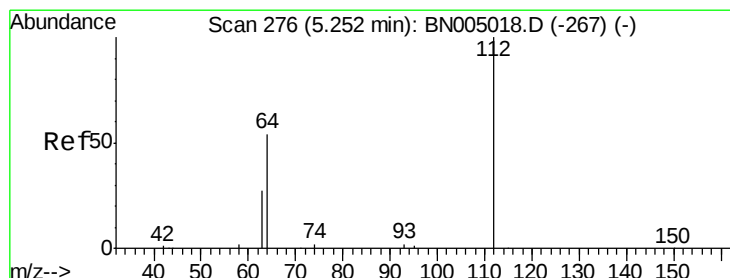
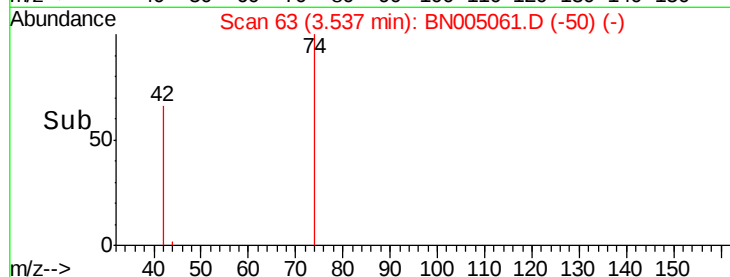
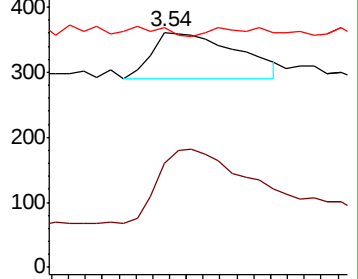
44 0.0 11.6 17.4#



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: 0.189 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

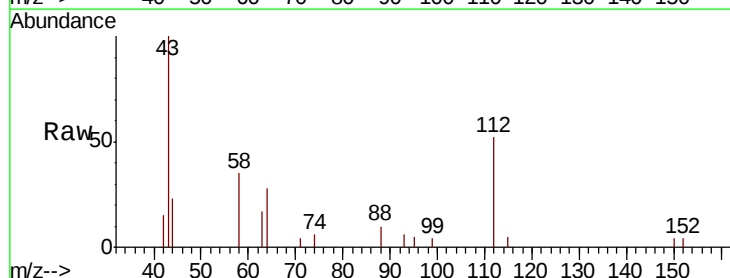
Tgt Ion: 112 Resp: 1426

Ion Ratio Lower Upper

112 100

64 51.5 41.9 62.9

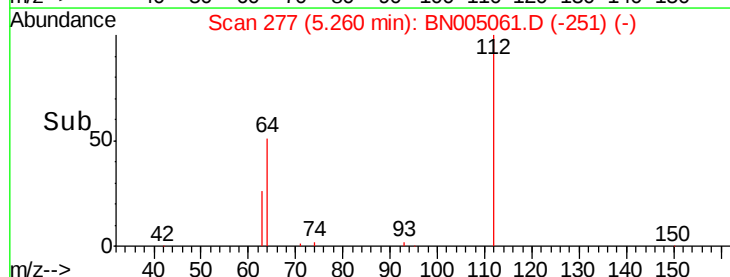
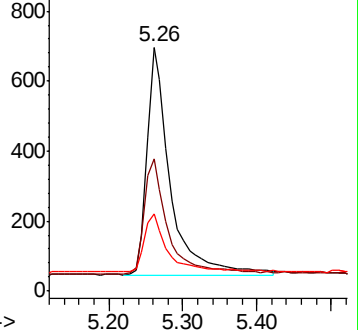
63 25.5 21.5 32.3

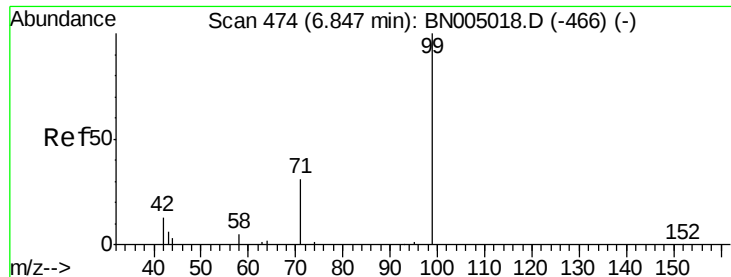


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.120 ng

RT: 6.85 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

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P001-TW001-03MS

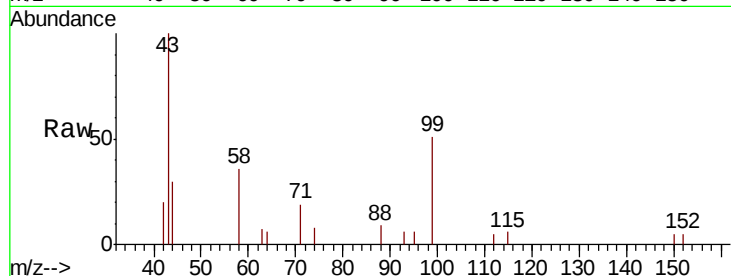
Tgt Ion: 99 Resp: 1071

Ion Ratio Lower Upper

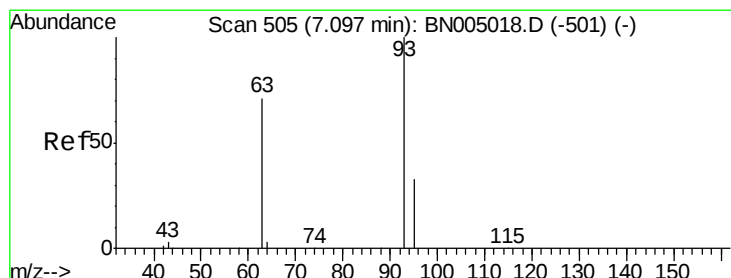
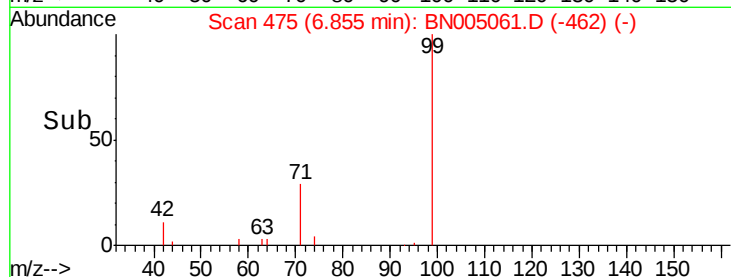
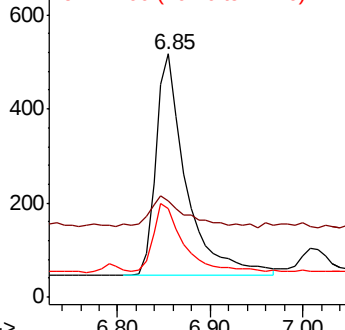
99 100

42 18.2 12.2 18.2

71 30.7 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: 0.386 ng

RT: 7.10 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

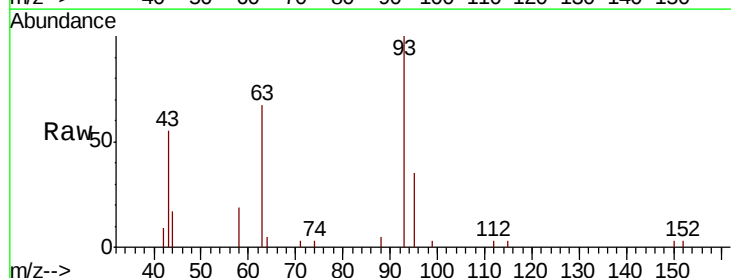
Tgt Ion: 93 Resp: 3263

Ion Ratio Lower Upper

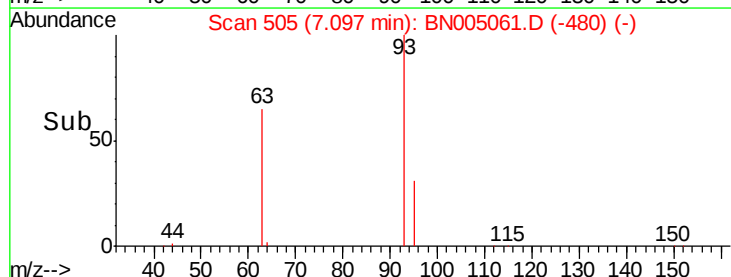
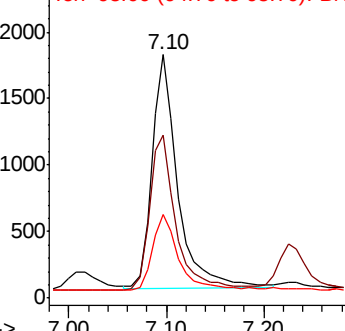
93 100

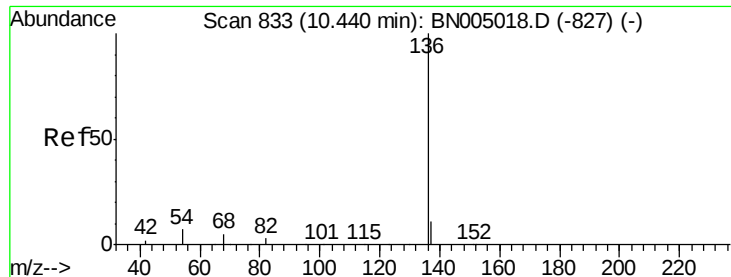
63 67.6 51.8 77.6

95 34.0 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: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

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Tgt Ion:136 Resp: 12745

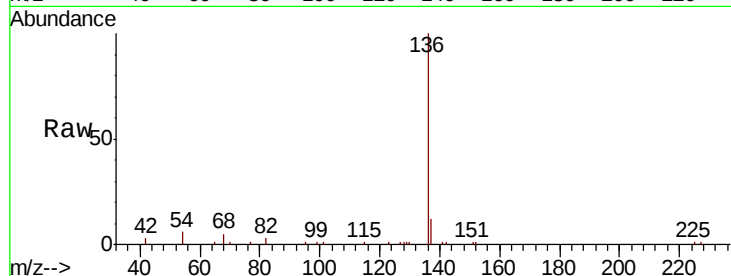
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 6.1 6.0 9.0

68 5.4 5.0 7.6

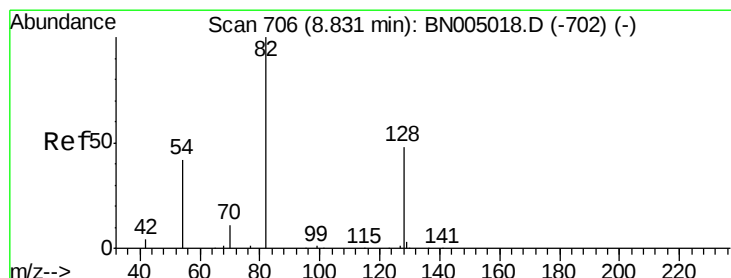
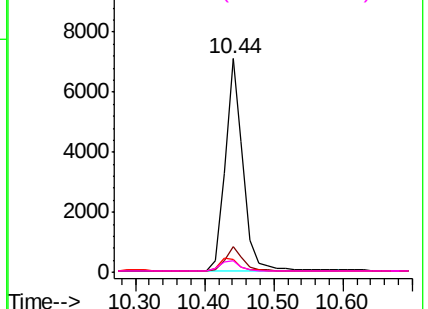
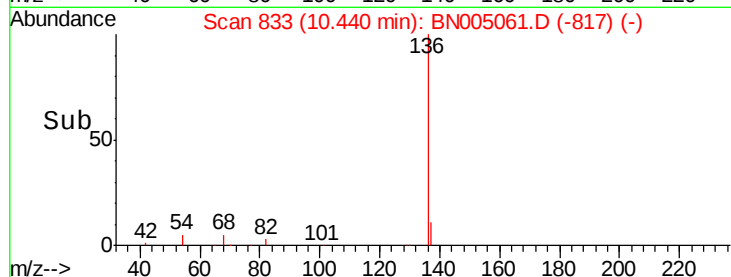


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

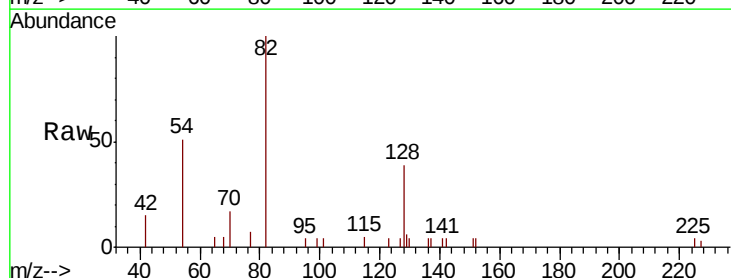
Tgt Ion: 82 Resp: 2906

Ion Ratio Lower Upper

82 100

128 38.9 40.5 60.7#

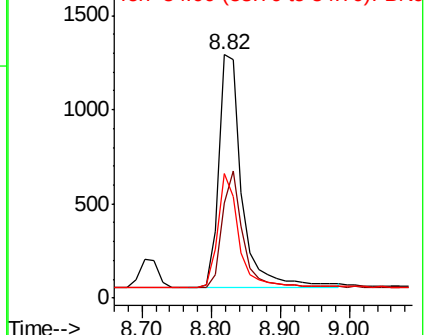
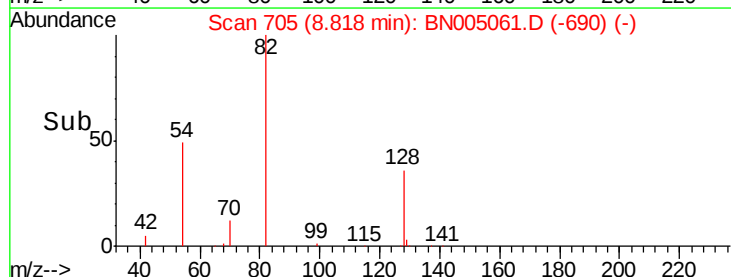
54 51.4 35.7 53.5

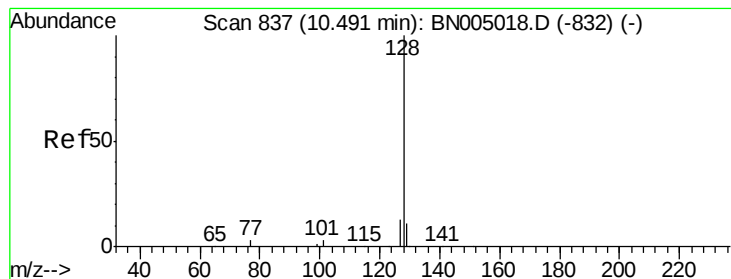


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.402 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

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P001-TW001-03MS

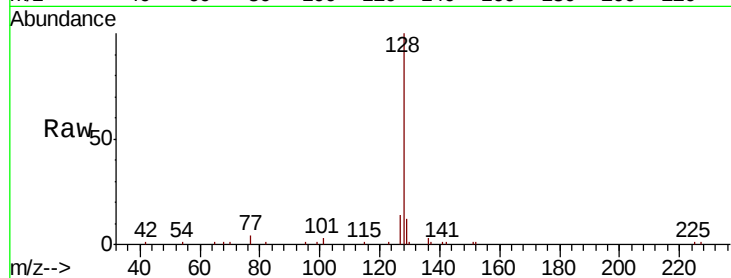
Tgt Ion:128 Resp: 12891

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

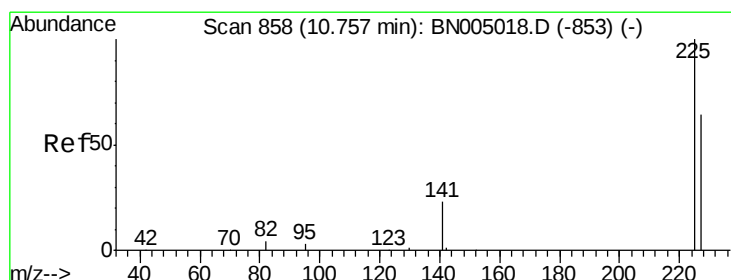
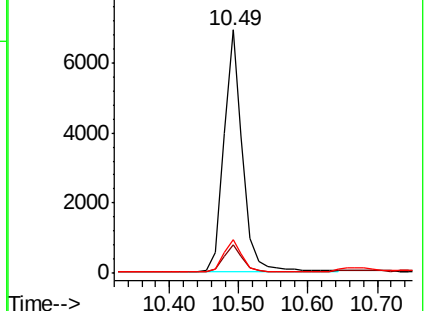
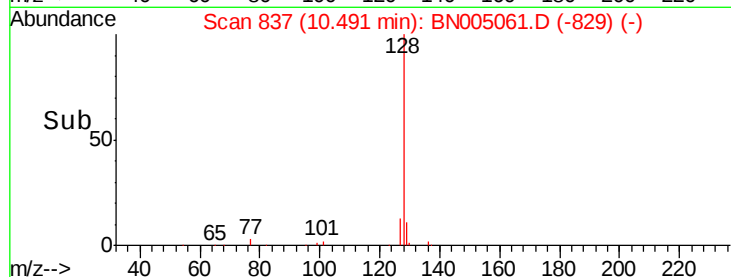
127 13.8 11.0 16.6



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: 0.354 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

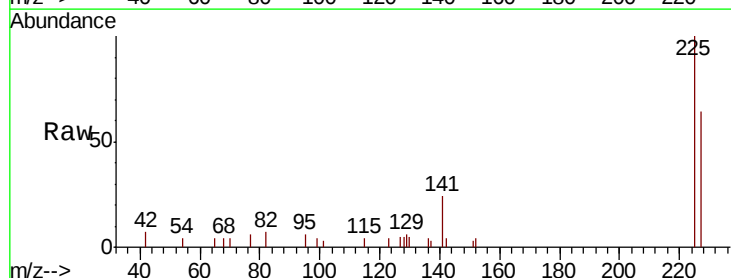
Tgt Ion:225 Resp: 2106

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

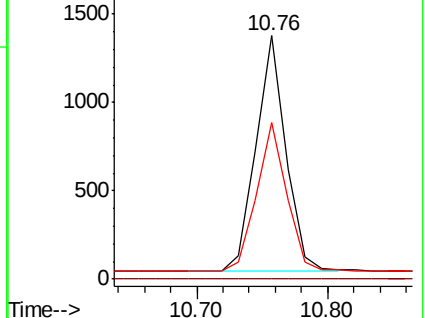
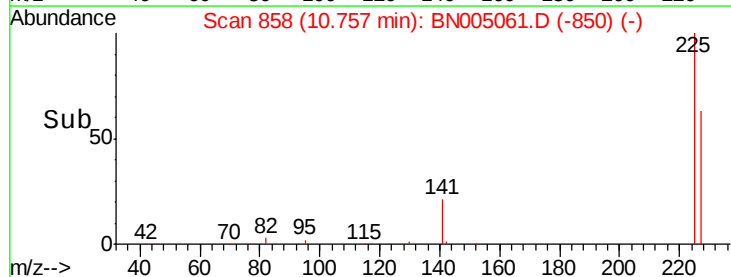
227 63.4 51.5 77.3

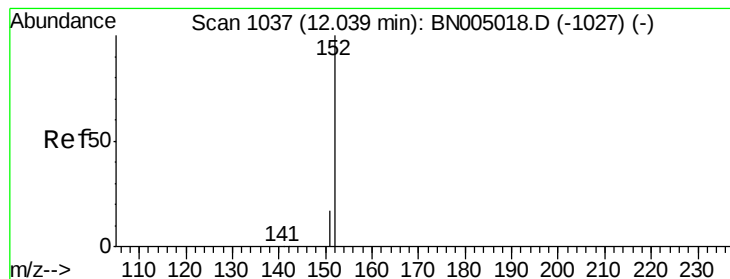


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

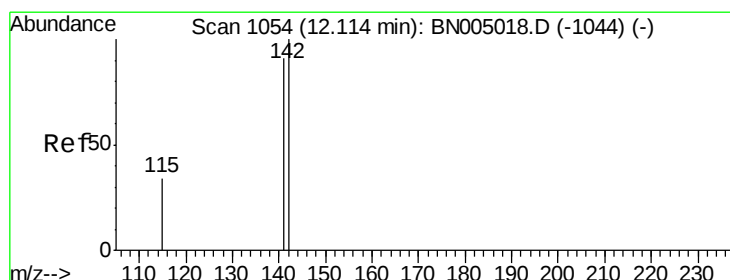
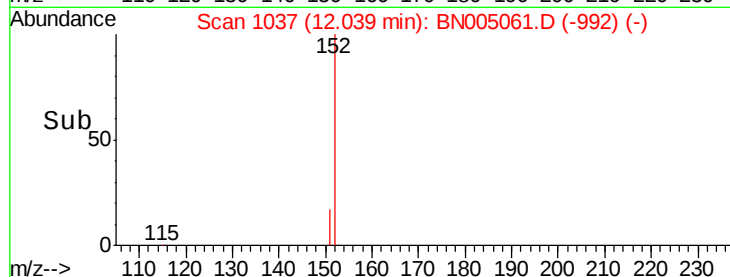
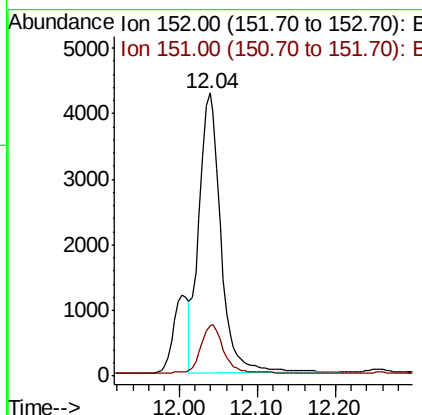
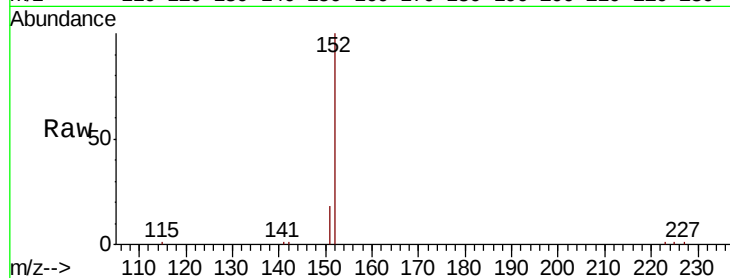




#11
 2-Methylnaphthalene-d10
 Concen: 0.417 ng
 RT: 12.04 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BN005061.D
 Acq: 02 Apr 2019 14:35

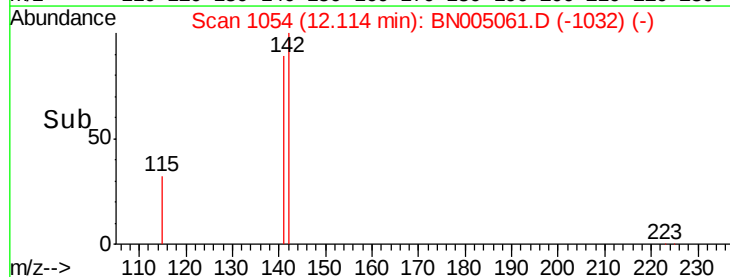
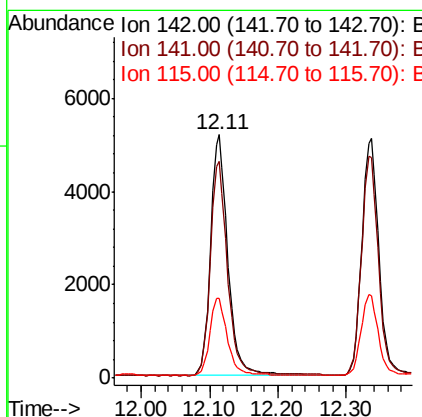
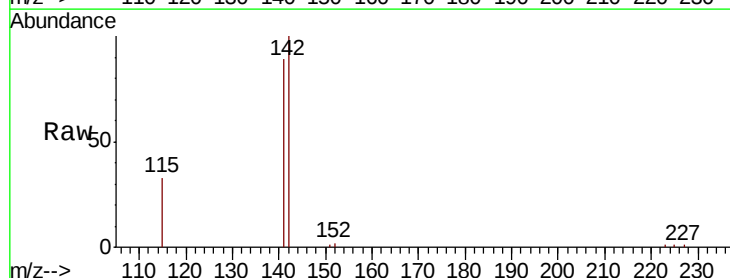
Instrument :
 BNA_N
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 P001-TW001-03MS

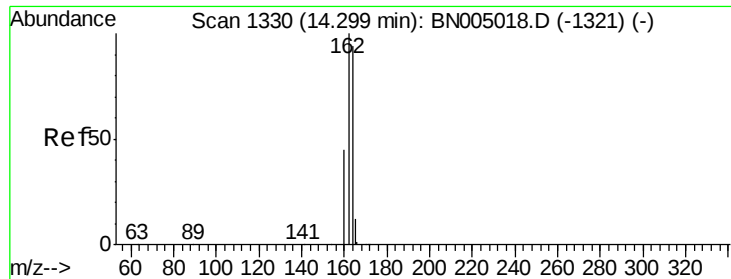
Tgt Ion:152 Resp: 8230
 Ion Ratio Lower Upper
 152 100
 151 18.4 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.395 ng
 RT: 12.11 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BN005061.D
 Acq: 02 Apr 2019 14:35

Tgt Ion:142 Resp: 9117
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.6 108.8
 115 32.7 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: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

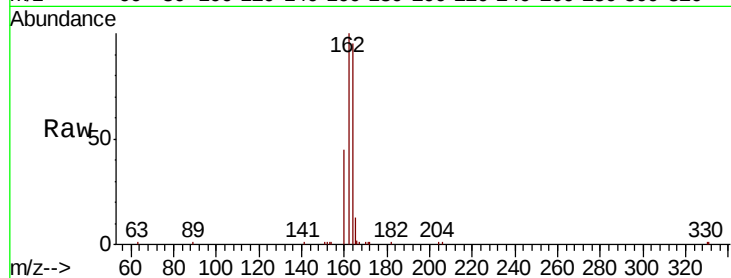
Tgt Ion:164 Resp: 7005

Ion Ratio Lower Upper

164 100

162 105.6 85.3 127.9

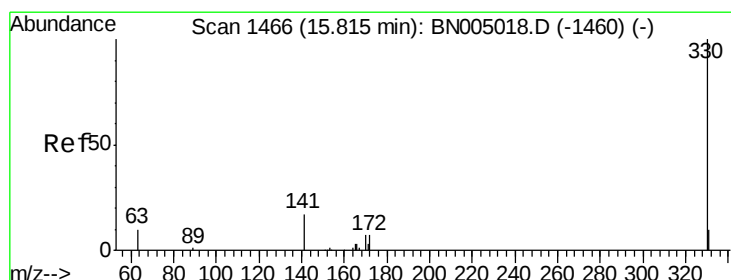
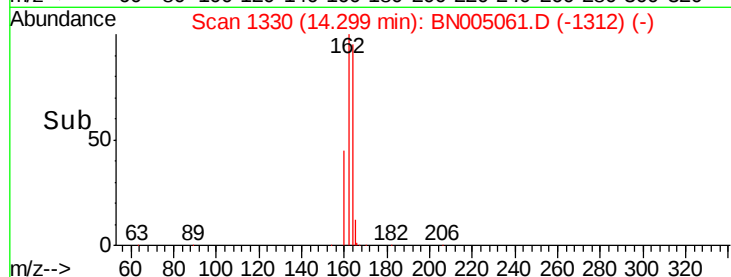
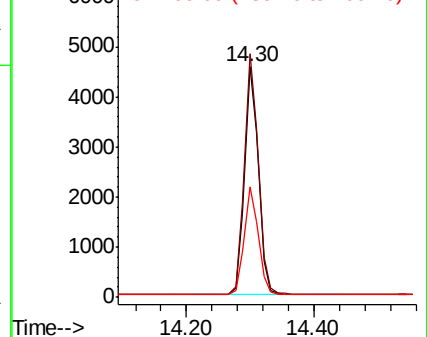
160 47.7 39.2 58.8



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: 0.378 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

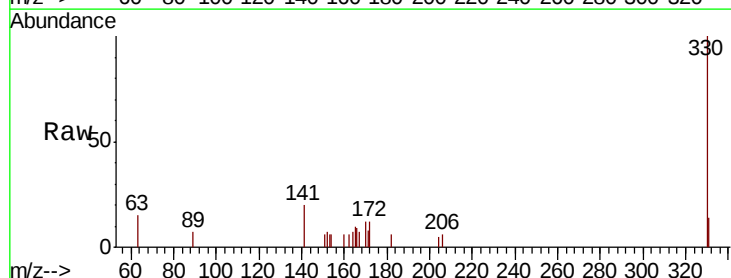
Tgt Ion:330 Resp: 1485

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

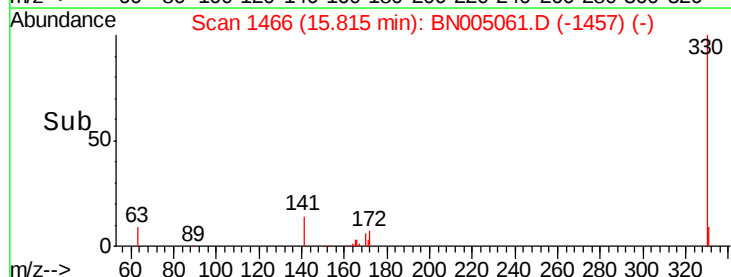
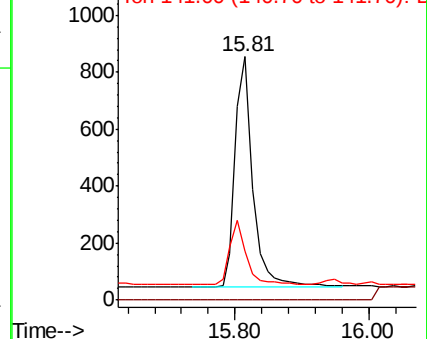
141 26.6 21.3 31.9

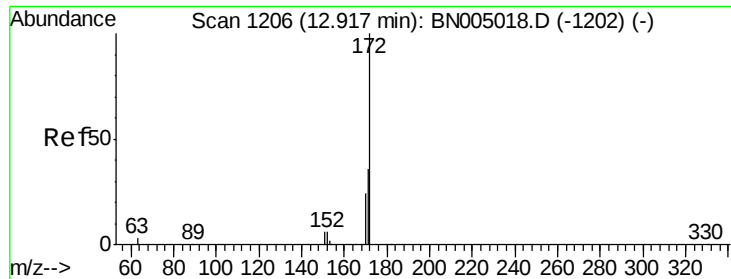


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

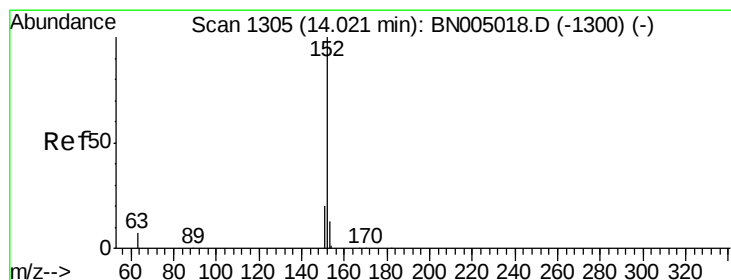
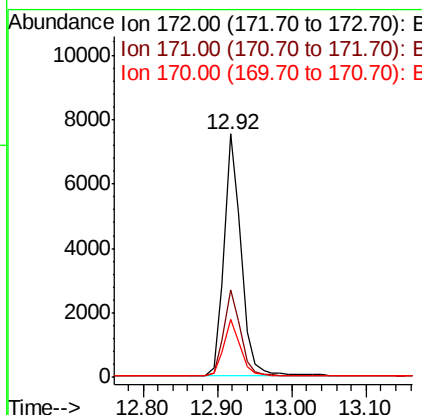
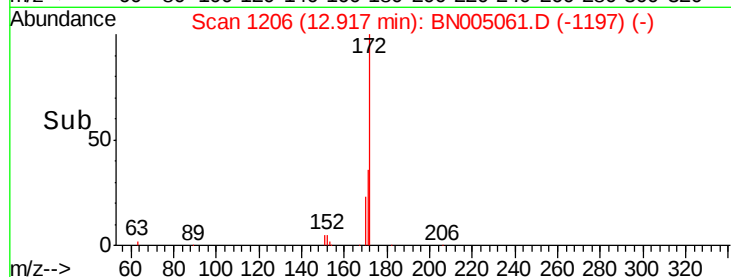
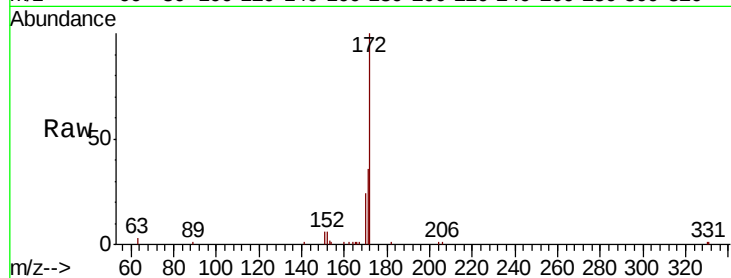




#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005061.D
Acq: 02 Apr 2019 14:35

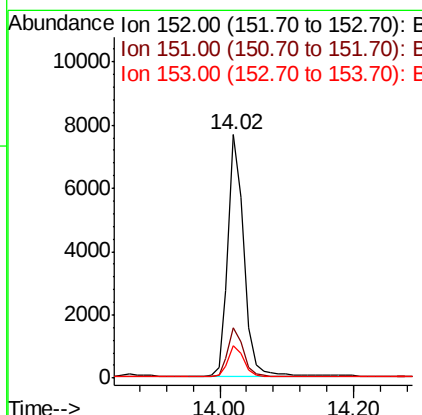
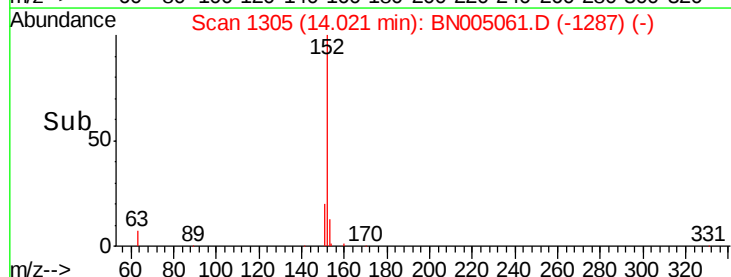
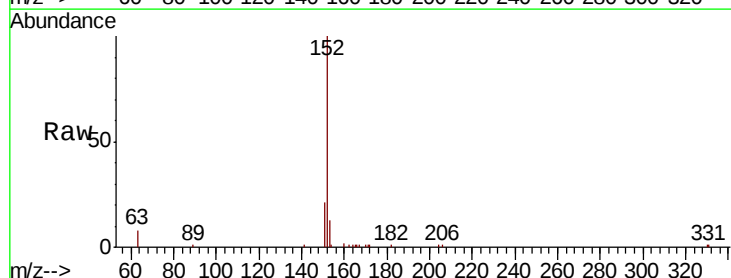
Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MS

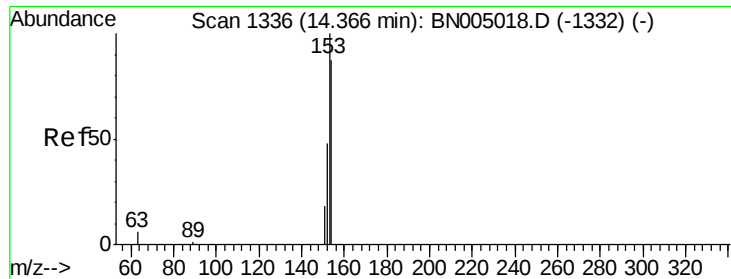
Tgt Ion:172 Resp: 12008
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.7 20.0 30.0



#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN005061.D
Acq: 02 Apr 2019 14:35

Tgt Ion:152 Resp: 12729
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.410 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

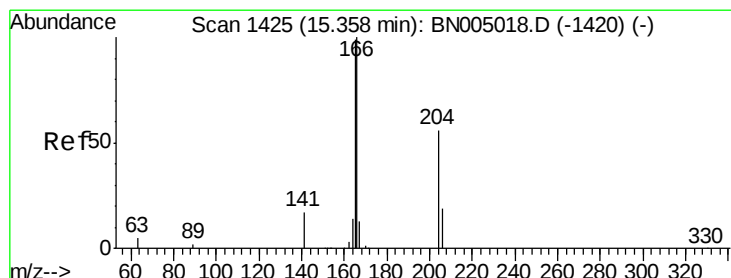
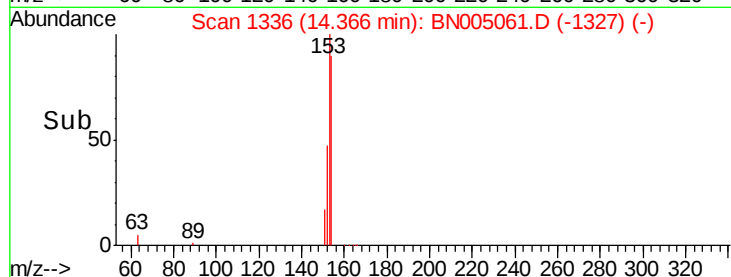
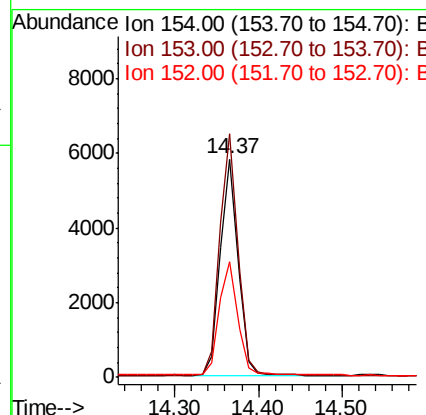
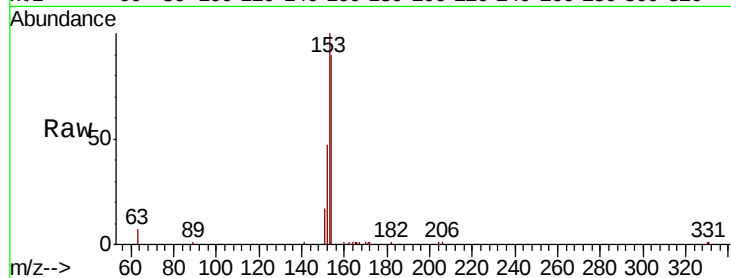
Tgt Ion:154 Resp: 8609

Ion Ratio Lower Upper

154 100

153 114.1 92.1 138.1

152 54.6 44.2 66.2



#18

Fluorene

Concen: 0.412 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

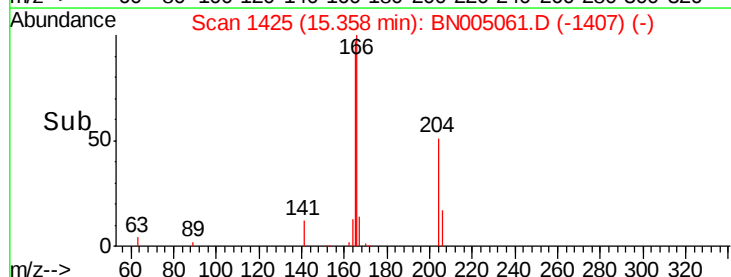
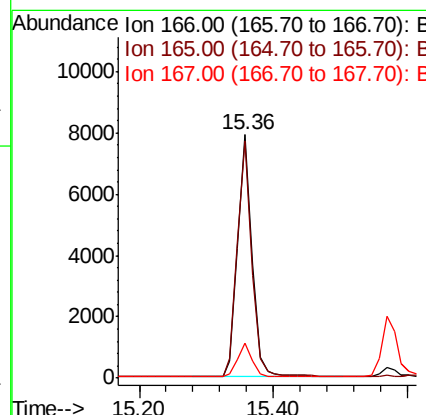
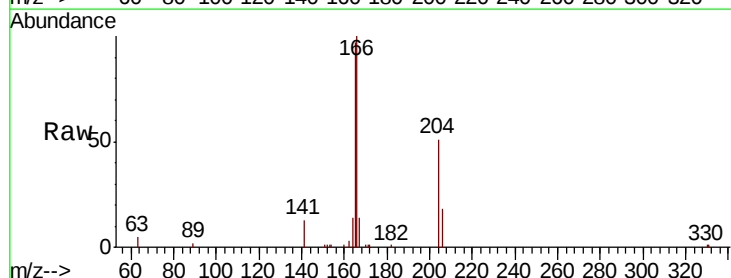
Tgt Ion:166 Resp: 11615

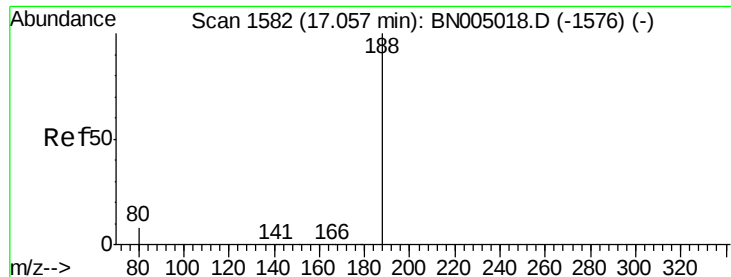
Ion Ratio Lower Upper

166 100

165 97.8 78.7 118.1

167 13.6 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

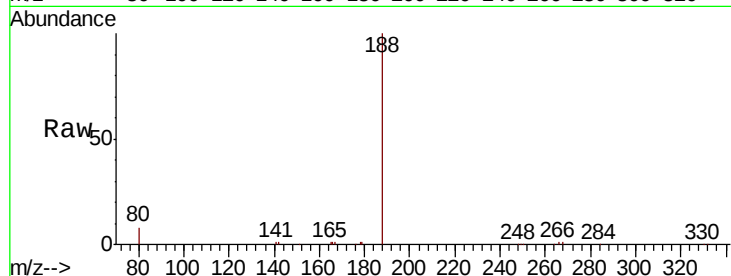
Tgt Ion:188 Resp: 16066

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

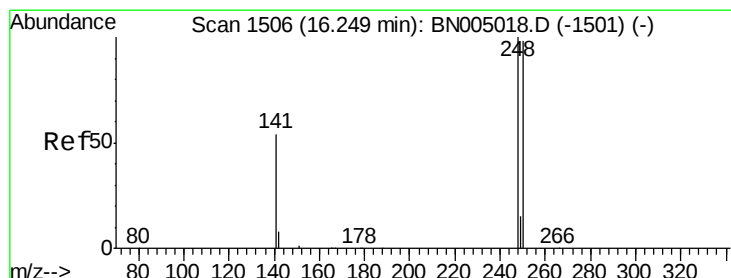
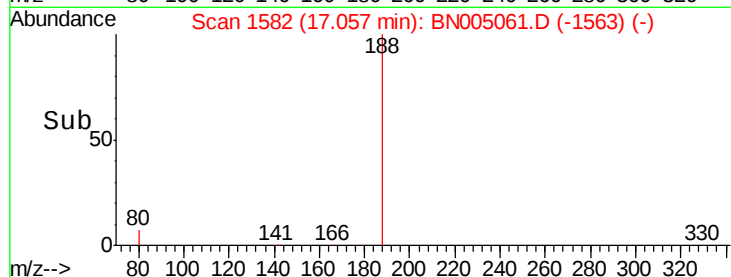
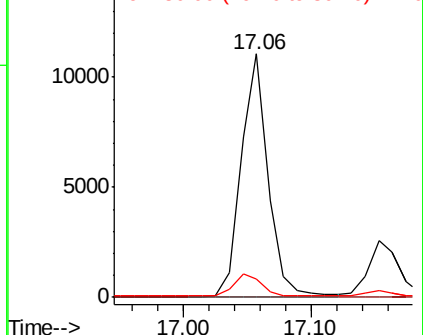
80 7.7 6.9 10.3



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: 0.413 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

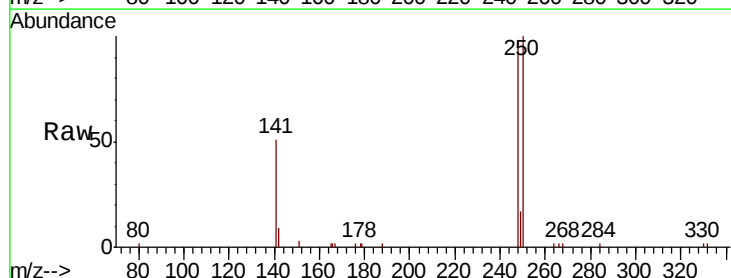
Tgt Ion:248 Resp: 3797

Ion Ratio Lower Upper

248 100

250 101.7 78.6 117.8

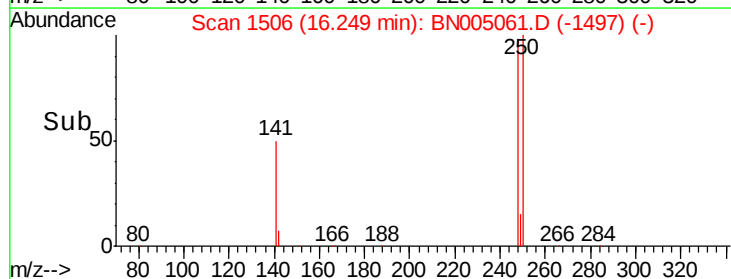
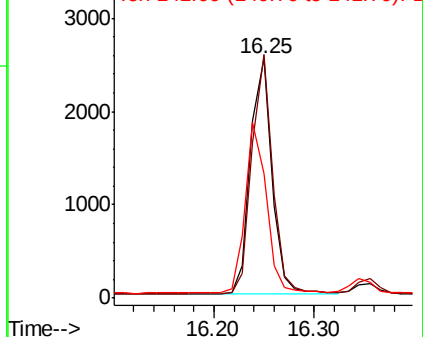
141 52.0 43.6 65.4

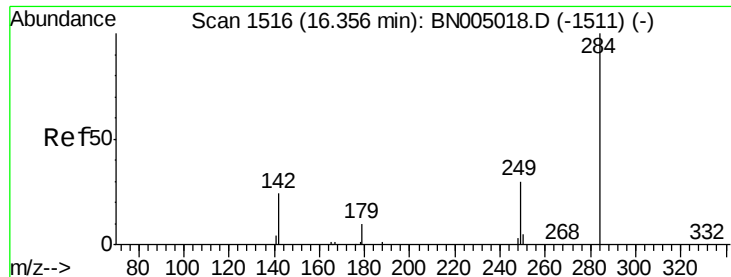


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.418 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

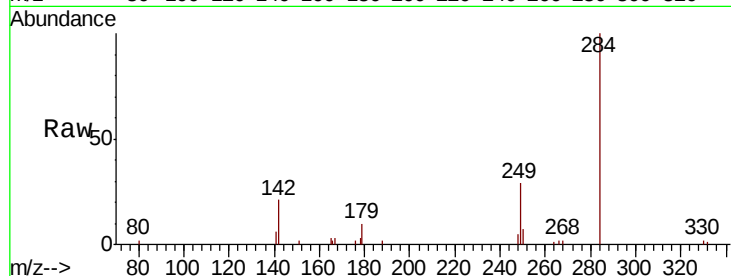
Tgt Ion:284 Resp: 4249

Ion Ratio Lower Upper

284 100

142 29.7 24.9 37.3

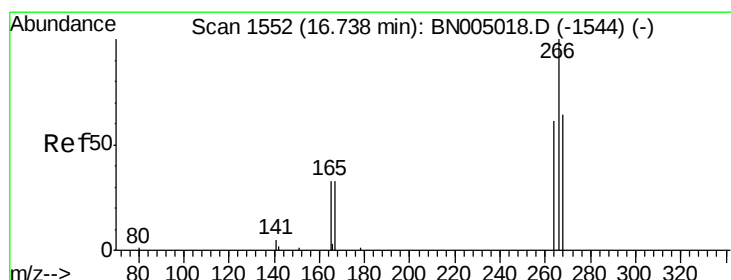
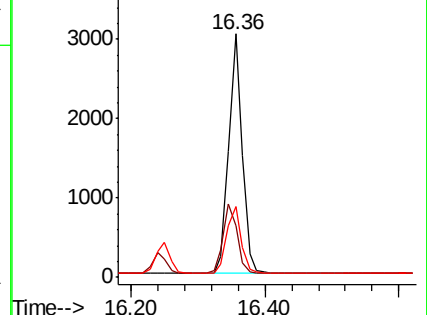
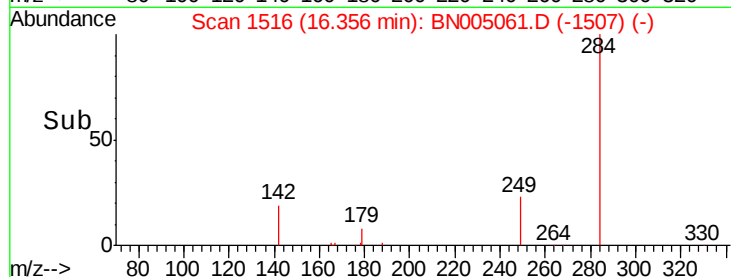
249 29.3 23.8 35.6



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: 0.841 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

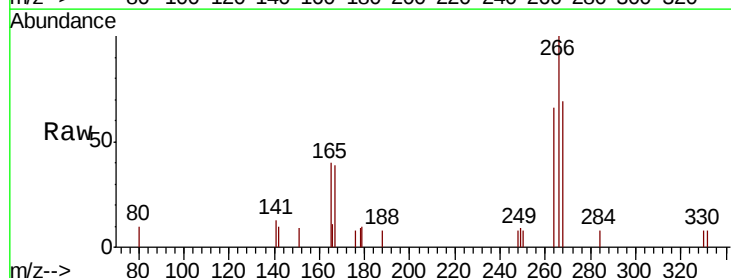
Tgt Ion:266 Resp: 1676

Ion Ratio Lower Upper

266 100

264 66.1 53.4 80.0

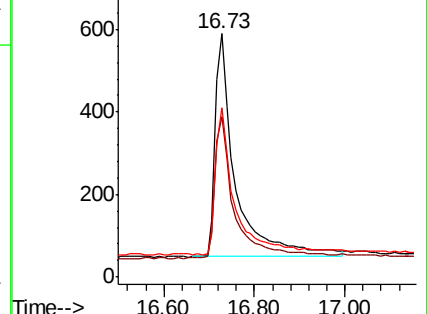
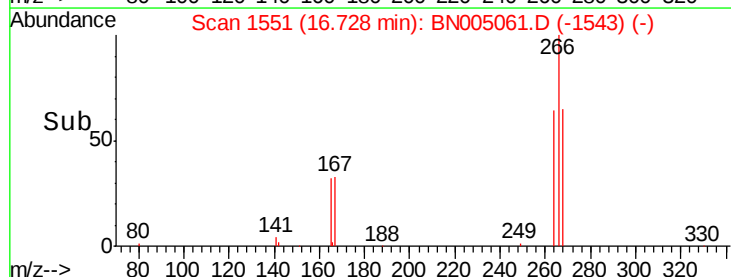
268 69.3 58.9 88.3

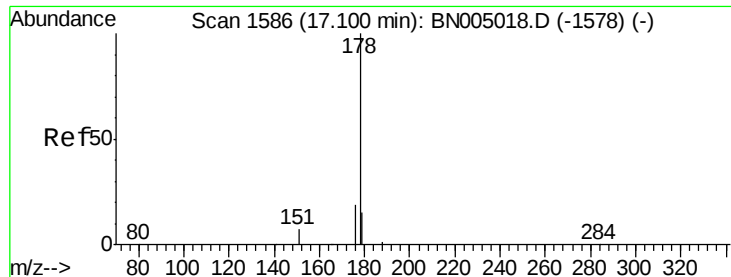


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.424 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

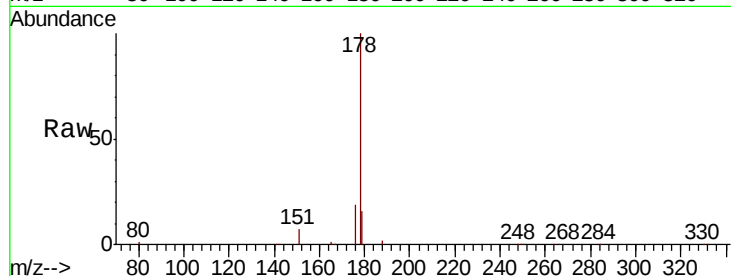
Tgt Ion:178 Resp: 19048

Ion Ratio Lower Upper

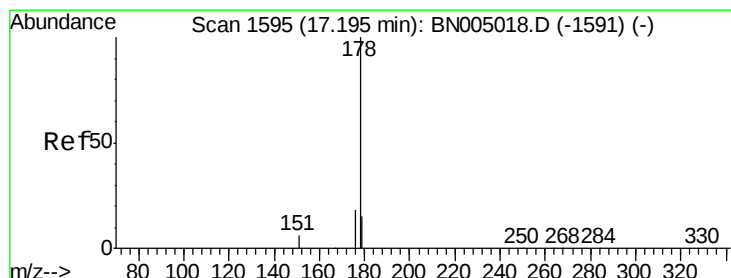
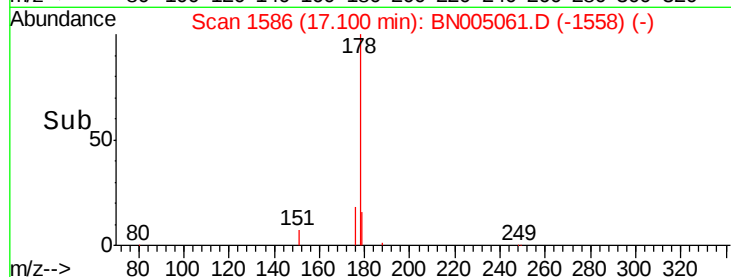
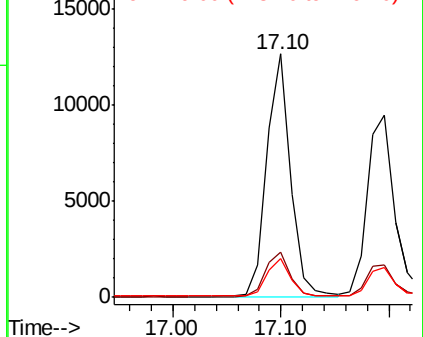
178 100

176 18.7 15.1 22.7

179 15.6 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: 0.418 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

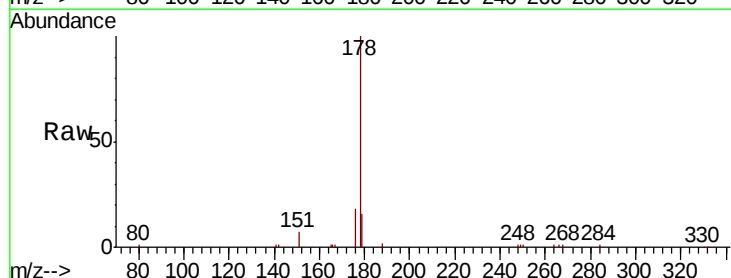
Tgt Ion:178 Resp: 16732

Ion Ratio Lower Upper

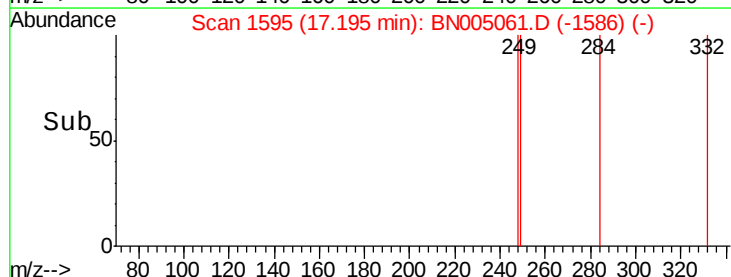
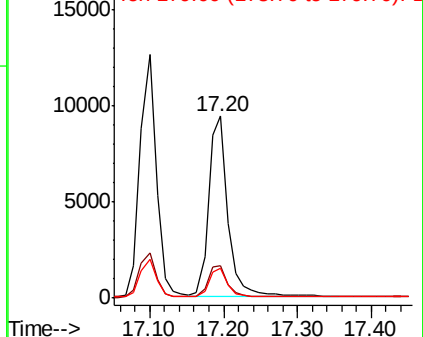
178 100

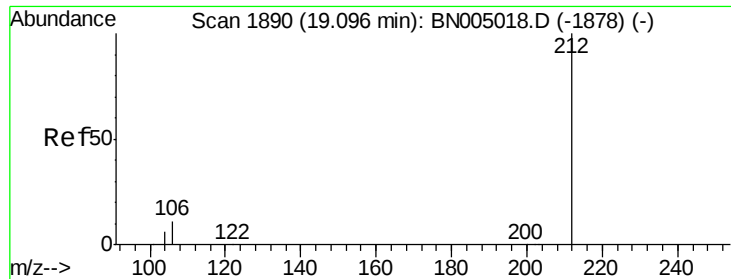
176 18.2 14.6 22.0

179 15.5 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: 0.410 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

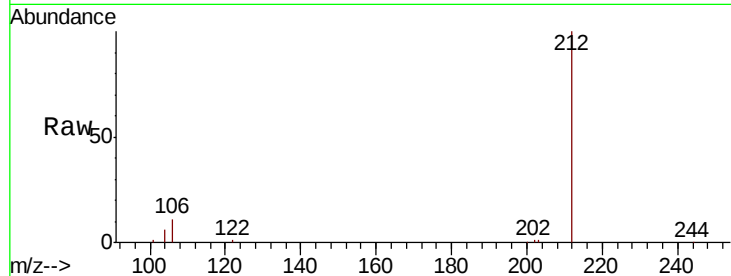
Tgt Ion:212 Resp: 18790

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.2

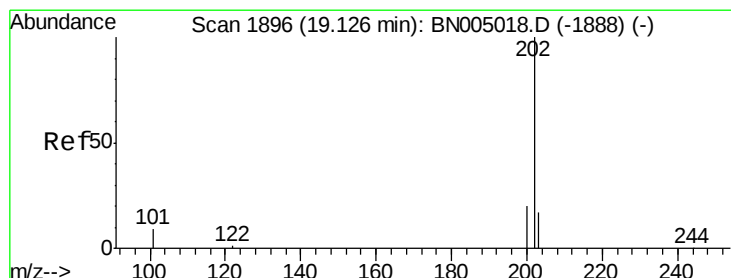
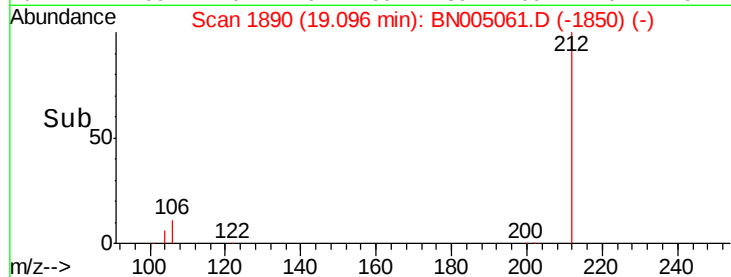
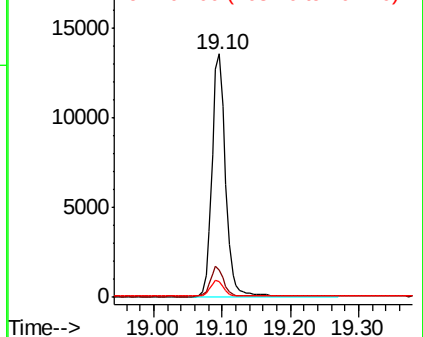
104 6.6 5.4 8.0



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: 0.402 ng

RT: 19.13 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

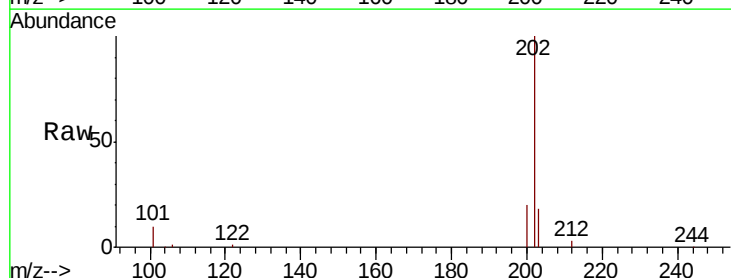
Tgt Ion:202 Resp: 22142

Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.2

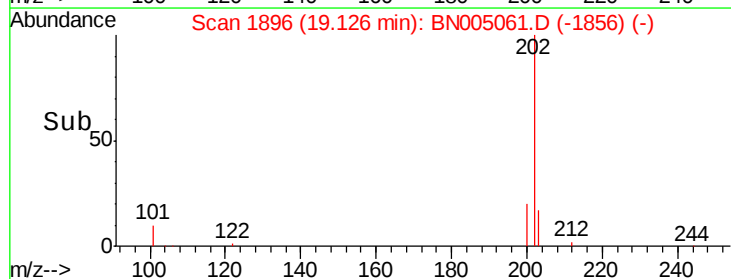
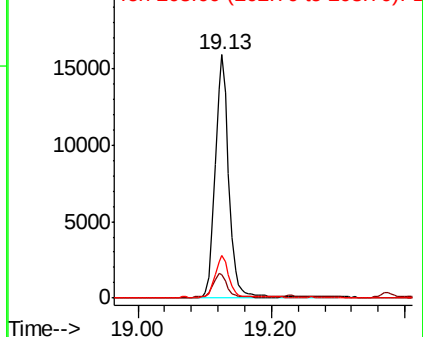
203 17.2 13.8 20.8

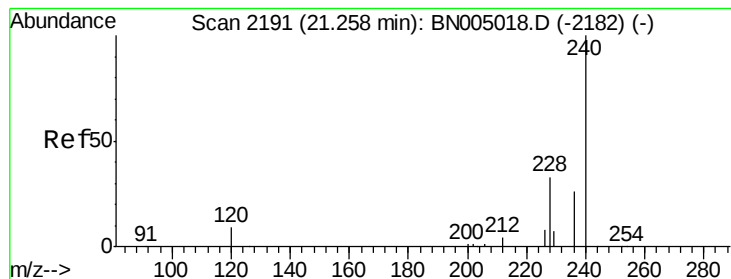


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

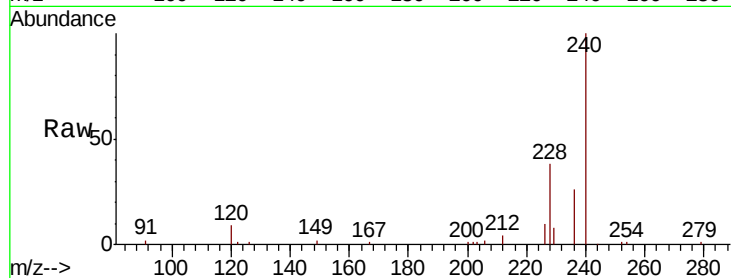
Tgt Ion:240 Resp: 16898

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

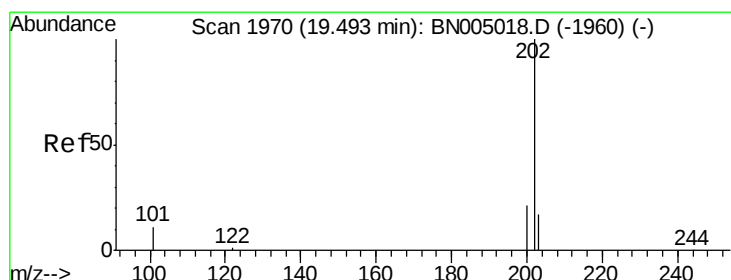
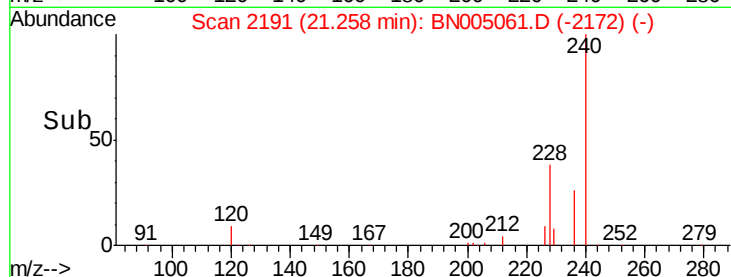
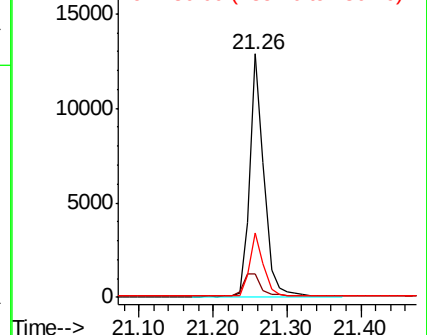
236 26.3 21.0 31.6



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: 0.475 ng

RT: 19.49 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

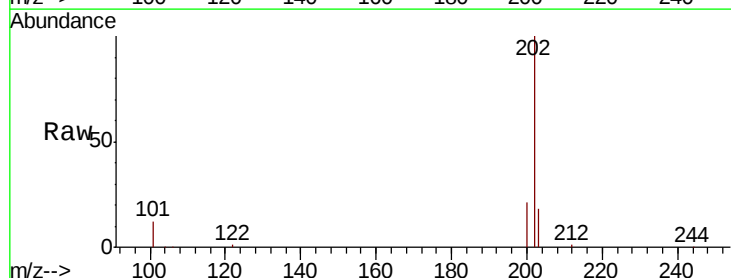
Tgt Ion:202 Resp: 22800

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

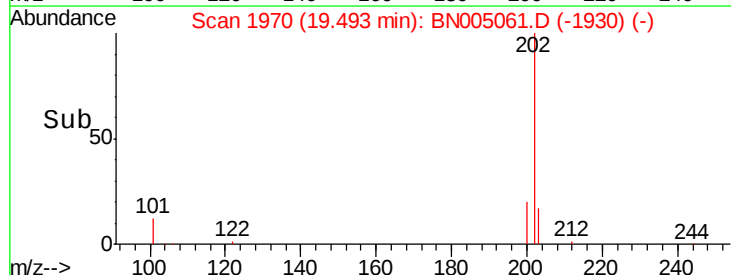
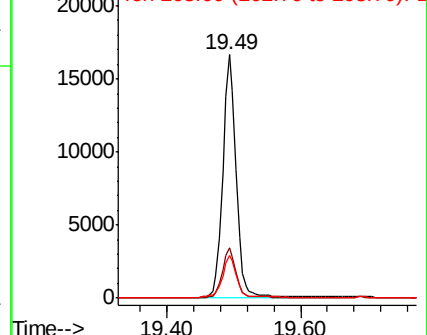
203 18.0 13.9 20.9

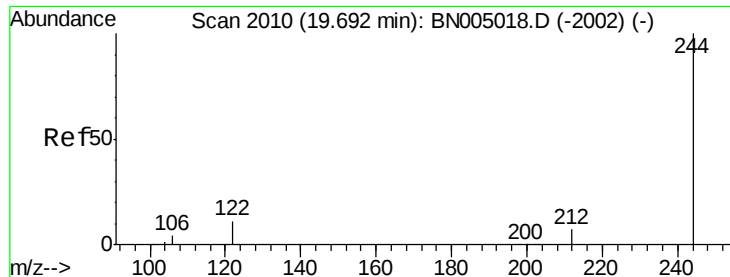


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

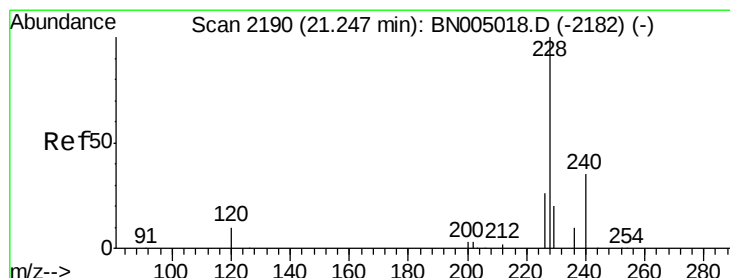
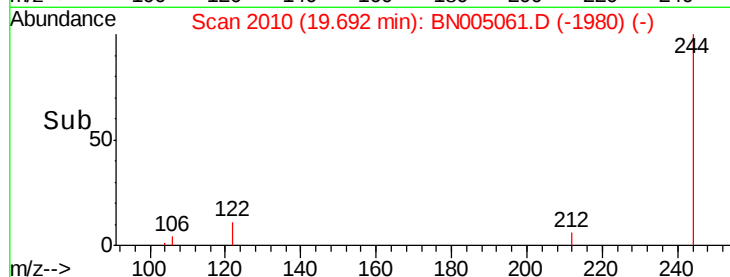
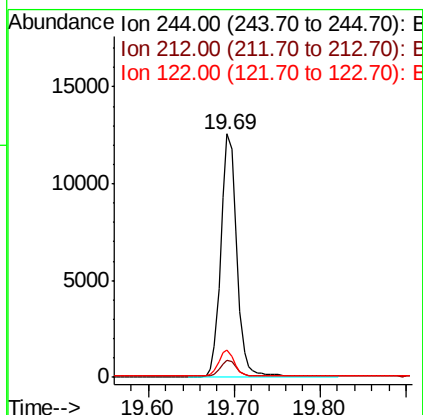
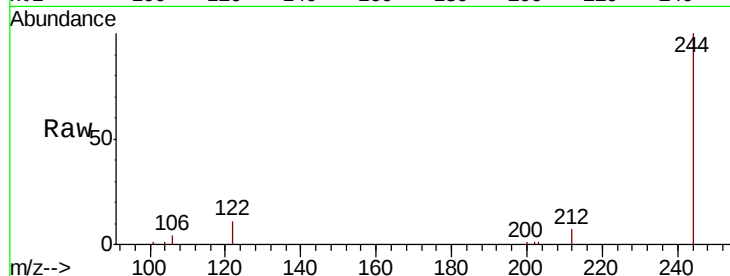




#29
 Terphenyl-d14
 Concen: 0.465 ng
 RT: 19.69 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BN005061.D
 Acq: 02 Apr 2019 14:35

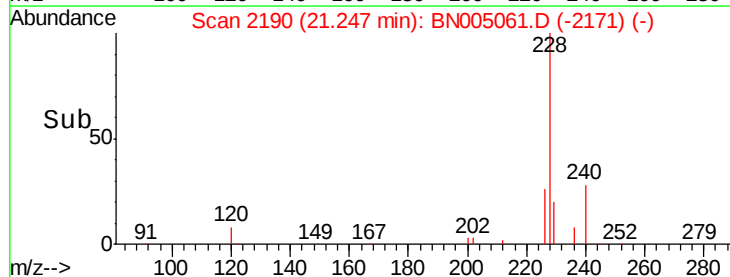
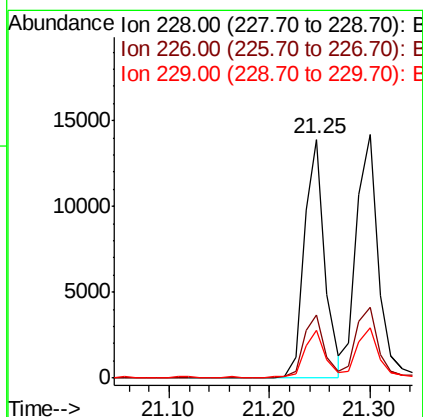
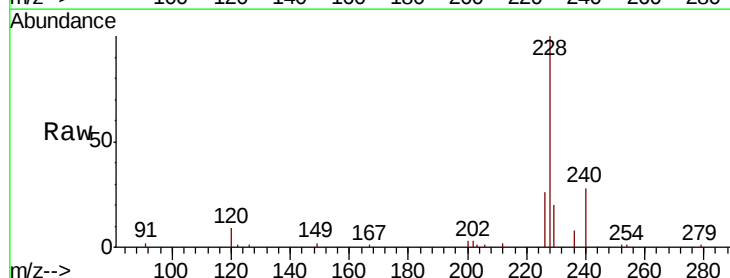
Instrument :
 BNA_N
 ClientSampleId :
 P001-TW001-03MS

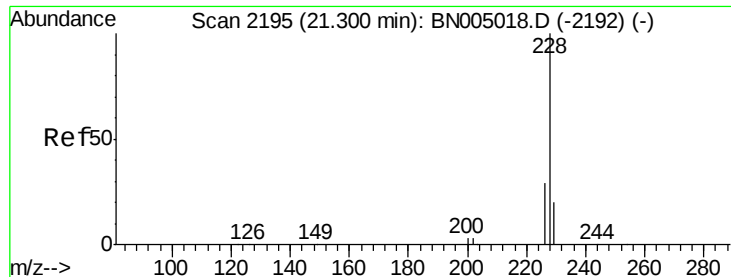
Tgt Ion: 244 Resp: 16130
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.1 9.0 13.4



#30
 Benzo(a)anthracene
 Concen: 0.413 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BN005061.D
 Acq: 02 Apr 2019 14:35

Tgt Ion: 228 Resp: 19694
 Ion Ratio Lower Upper
 228 100
 226 26.4 20.9 31.3
 229 20.2 16.2 24.2





#31

Chrysene

Concen: 0.411 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

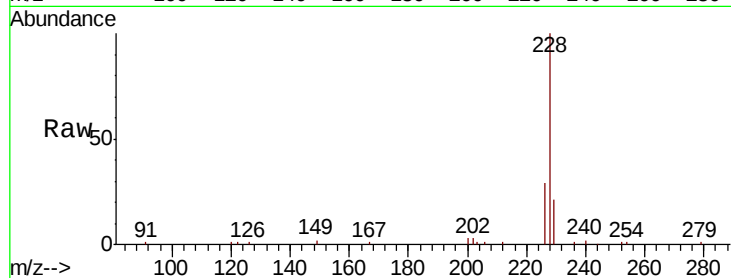
Tgt Ion:228 Resp: 21096

Ion Ratio Lower Upper

228 100

226 28.9 22.8 34.2

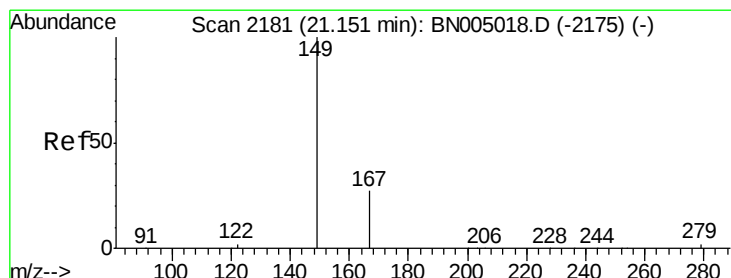
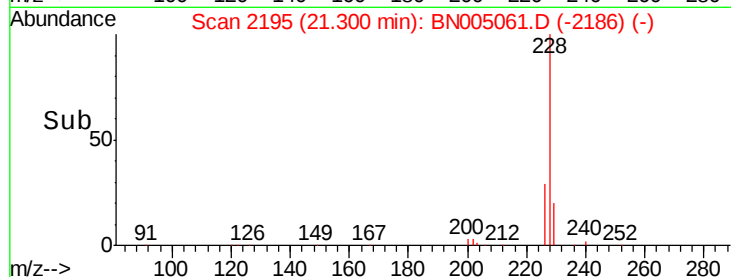
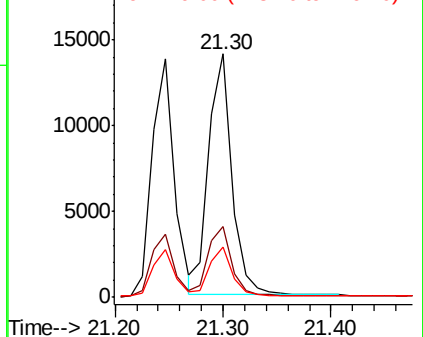
229 20.6 16.2 24.4



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: 0.413 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

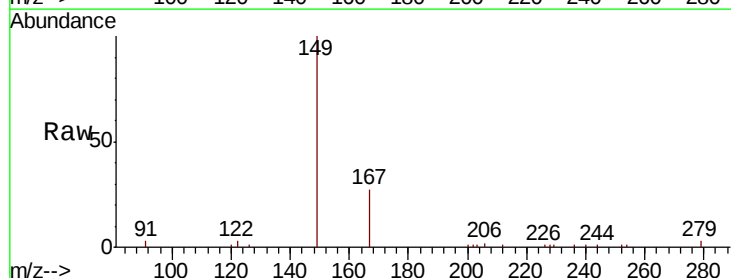
Tgt Ion:149 Resp: 8246

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

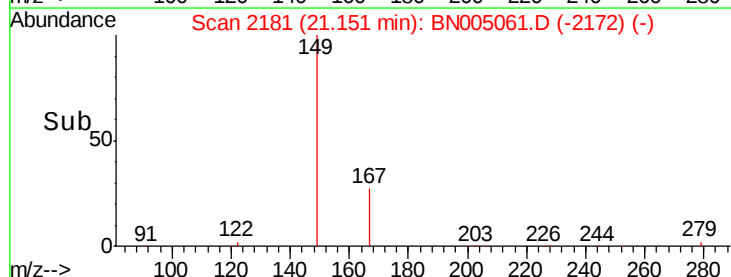
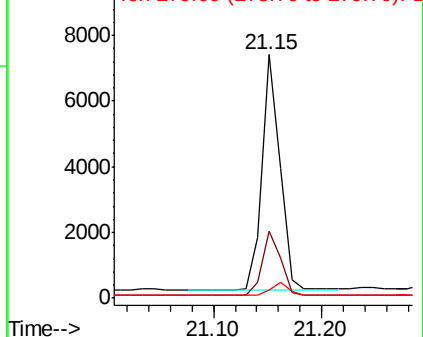
279 5.5 4.2 6.4

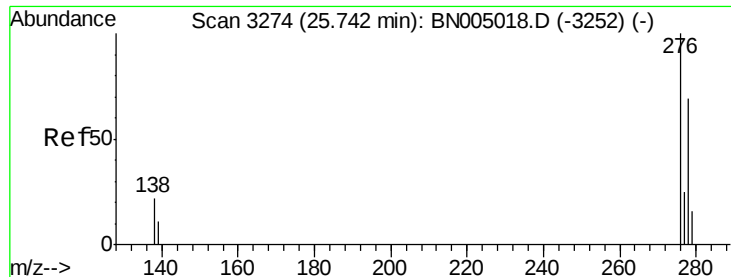


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.363 ng

RT: 25.75 min Scan# 3276

Delta R.T. 0.01 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

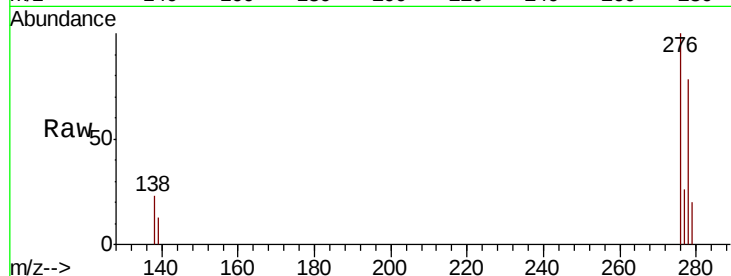
Tgt Ion:276 Resp: 20970

Ion Ratio Lower Upper

276 100

138 22.5 18.2 27.2

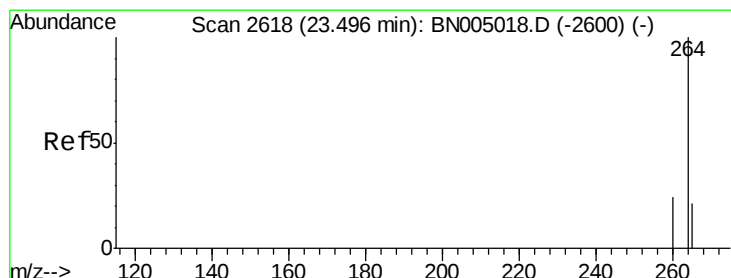
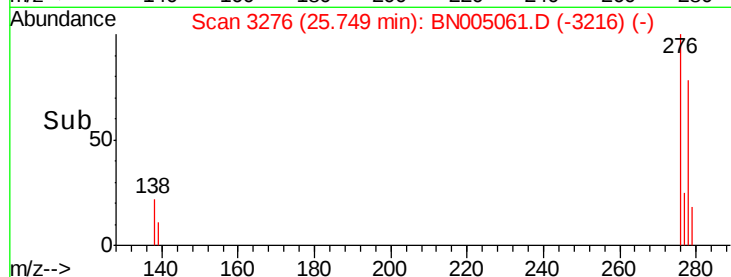
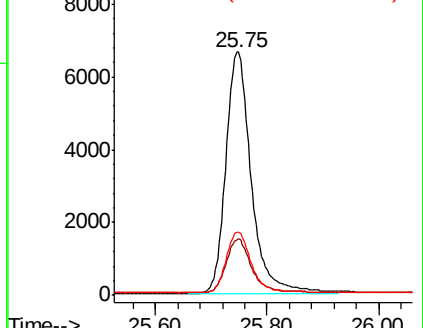
277 25.4 20.3 30.5



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: 23.50 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

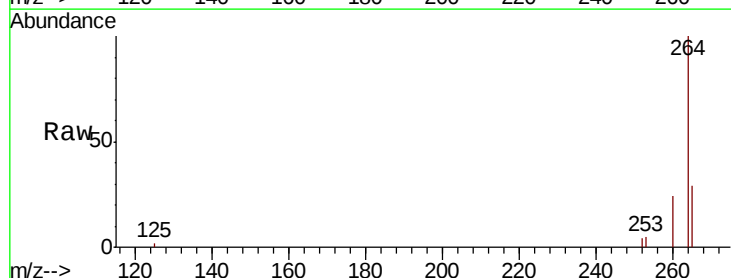
Tgt Ion:264 Resp: 14958

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

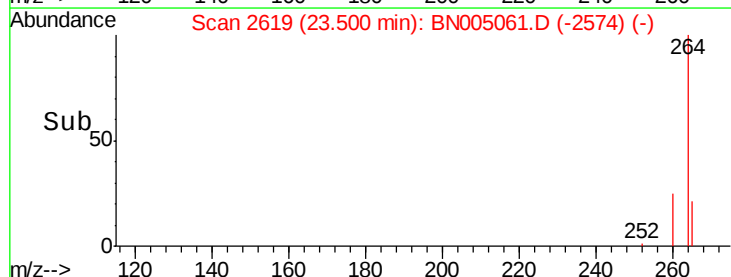
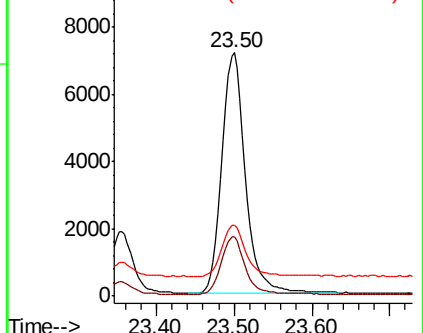
265 29.2 22.5 33.7

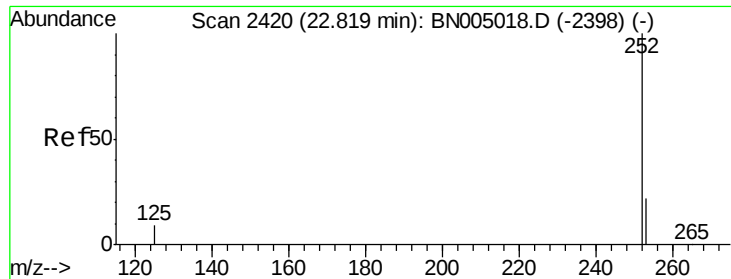


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

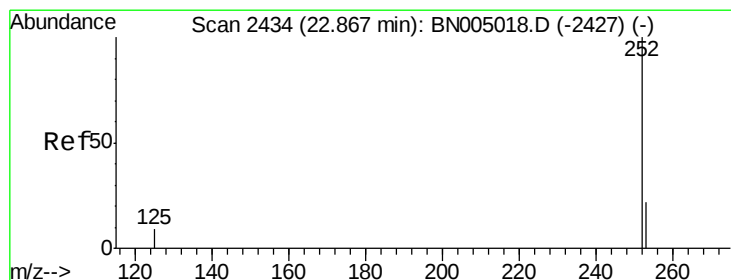
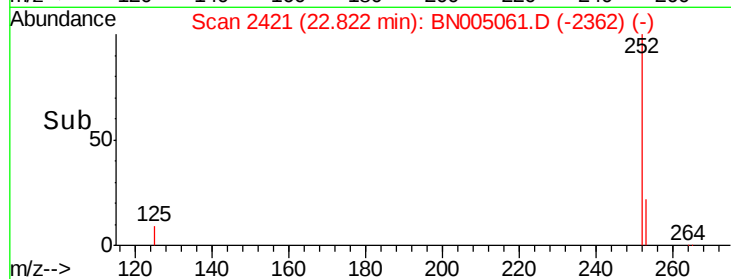
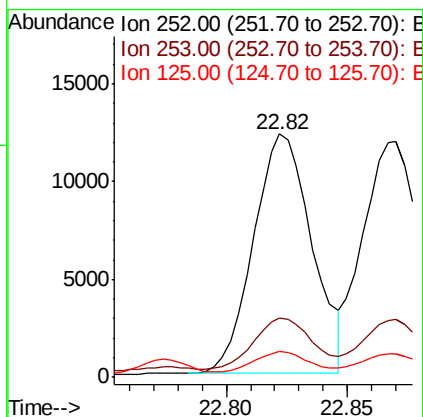
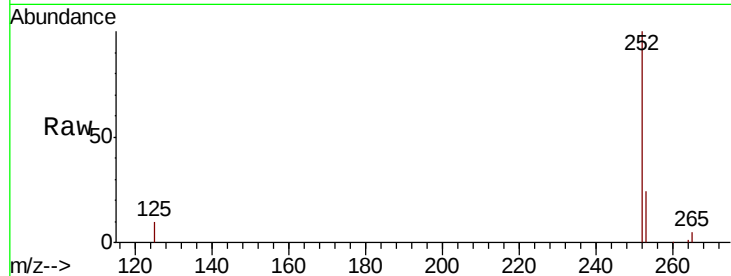




#35
Benzo(b)fluoranthene
Concen: 0.429 ng
RT: 22.82 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BN005061.D
Acq: 02 Apr 2019 14:35

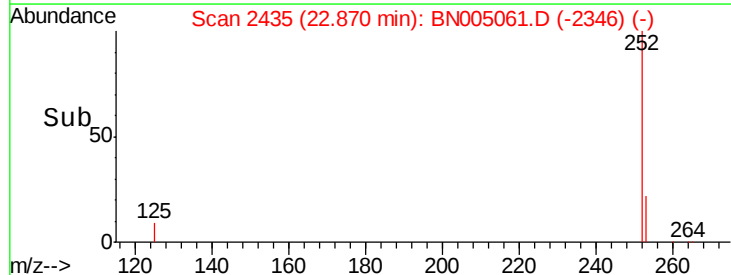
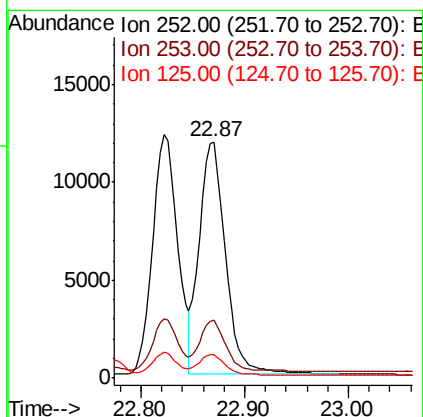
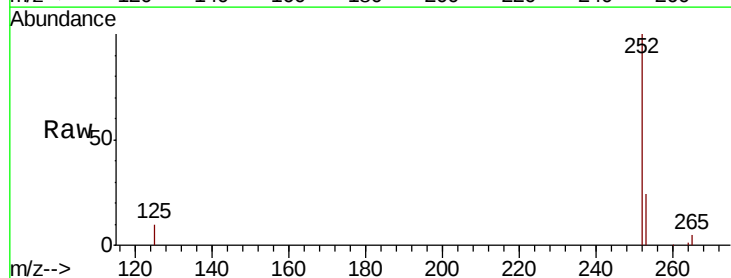
Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MS

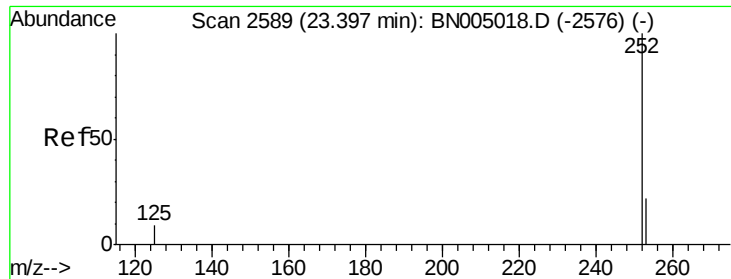
Tgt Ion:252 Resp: 20587
Ion Ratio Lower Upper
252 100
253 24.5 19.2 28.8
125 10.5 8.2 12.2



#36
Benzo(k)fluoranthene
Concen: 0.451 ng
RT: 22.87 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BN005061.D
Acq: 02 Apr 2019 14:35

Tgt Ion:252 Resp: 20892
Ion Ratio Lower Upper
252 100
253 24.3 19.3 28.9
125 10.1 8.2 12.2





#37

Benzo(a)pyrene

Concen: 0.432 ng

RT: 23.40 min Scan# 2590

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS

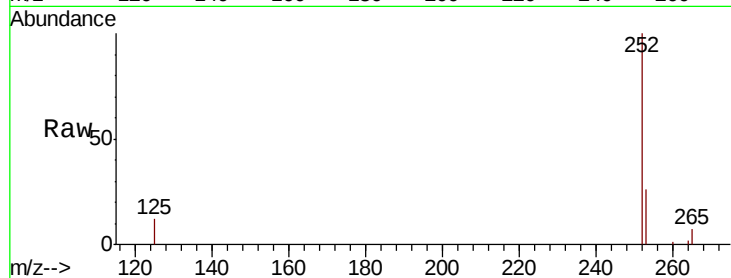
Tgt Ion:252 Resp: 18438

Ion Ratio Lower Upper

252 100

253 25.7 20.2 30.2

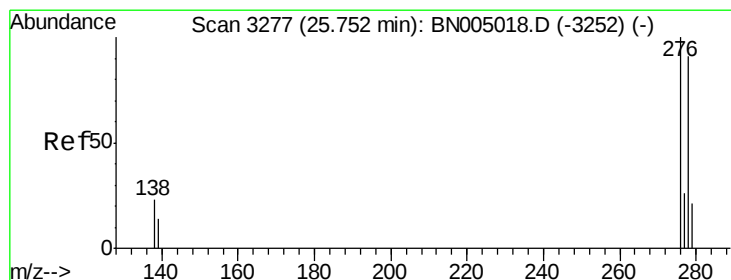
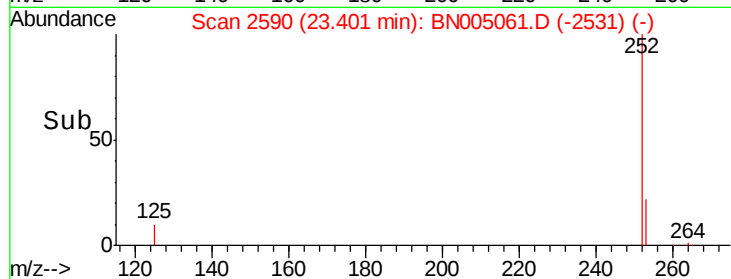
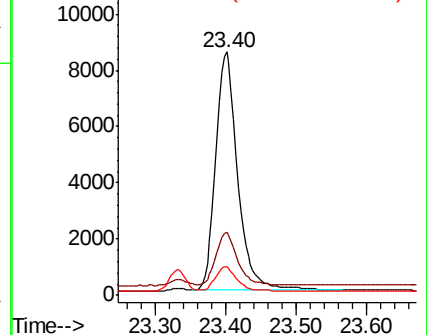
125 11.6 9.2 13.8



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: 0.408 ng

RT: 25.75 min Scan# 3277

Delta R.T. 0.00 min

Lab File: BN005061.D

Acq: 02 Apr 2019 14:35

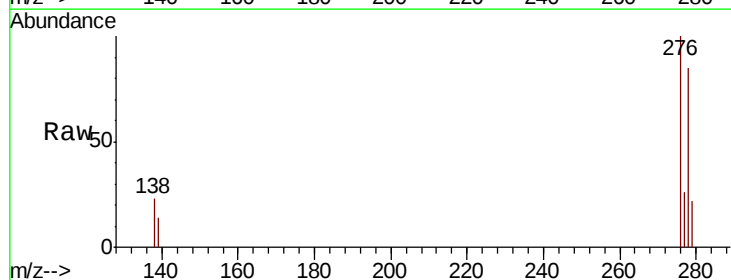
Tgt Ion:278 Resp: 17425

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

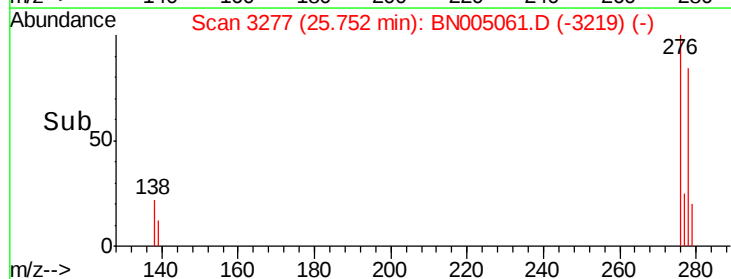
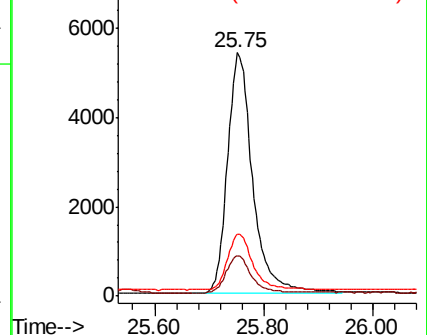
279 25.5 20.2 30.2

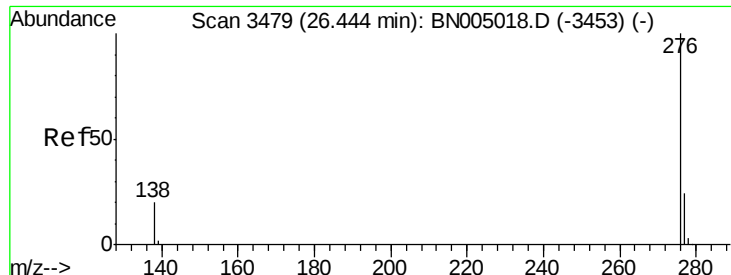


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.412 ng

RT: 26.44 min Scan# 3479

Delta R.T. 0.00 min

Lab File: BN005061.D

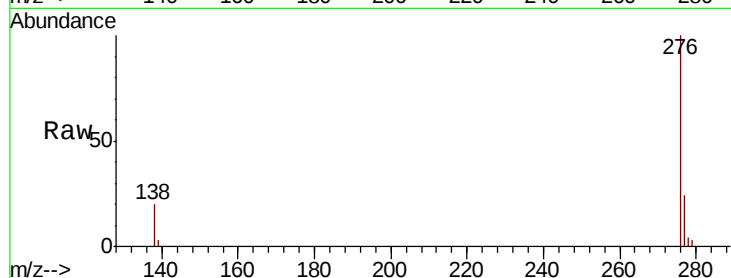
Acq: 02 Apr 2019 14:35

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03MS



Tgt Ion: 276 Resp: 17718

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.6

138 20.1 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

