

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040119\
 Data File : BN005042.D
 Acq On : 01 Apr 2019 11:08
 Operator : JU/SJ
 Sample : K1560-09
 Misc : MDL 01 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 01 12:09:31 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	2839	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	11814	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	6652	0.40	ng	0.01
19) Phenanthrene-d10	17.06	188	15576	0.40	ng	0.00
27) Chrysene-d12	21.27	240	15528	0.40	ng	0.01
34) Perylene-d12	23.50	264	14725	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2721	0.38	ng	0.00
5) Phenol-d6	6.85	99	3070	0.37	ng	0.00
8) Nitrobenzene-d5	8.84	82	2274	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	6495	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1119	0.30	ng	0.01
15) 2-Fluorobiphenyl	12.93	172	10157	0.40	ng	0.01
25) Fluoranthene-d10	19.10	212	15286	0.34	ng	0.00
29) Terphenyl-d14	19.70	244	14497	0.45	ng	0.00

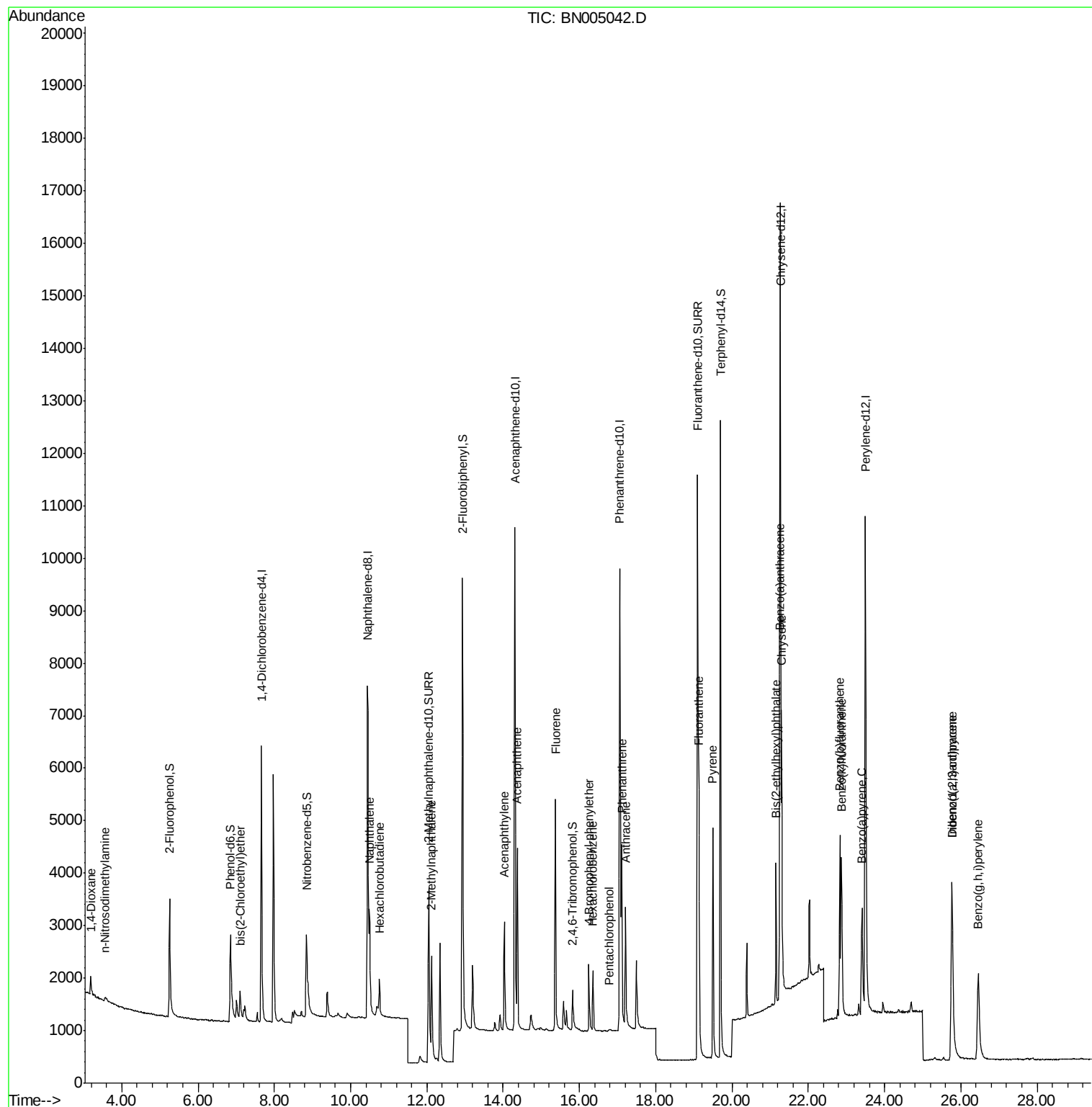
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	328	0.107	ng	94
3) n-Nitrosodimethylamine	3.56	42	65	0.035	ng	# 1
6) bis(2-Chloroethyl)ether	7.10	93	747	0.094	ng	91
9) Naphthalene	10.49	128	2943	0.099	ng	# 92
10) Hexachlorobutadiene	10.76	225	561	0.102	ng	# 100
12) 2-Methylnaphthalene	12.12	142	2005	0.094	ng	98
16) Acenaphthylene	14.03	152	2711	0.086	ng	99
17) Acenaphthene	14.37	154	1967	0.099	ng	99
18) Fluorene	15.37	166	2526	0.094	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	828	0.093	ng	96
21) Hexachlorobenzene	16.36	284	982	0.100	ng	98
22) Pentachlorophenol	16.78	266	36	0.108	ng	# 69
23) Phenanthrene	17.11	178	4156	0.095	ng	99
24) Anthracene	17.21	178	3329	0.086	ng	99
26) Fluoranthene	19.13	202	4774	0.089	ng	100
28) Pyrene	19.50	202	4794	0.109	ng	100
30) Benzo(a)anthracene	21.25	228	4007	0.092	ng	97
31) Chrysene	21.30	228	4812	0.102	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	2252	0.123	ng	99
33) Indeno(1,2,3-cd)pyrene	25.77	276	4969	0.094	ng	98
35) Benzo(b)fluoranthene	22.83	252	4419	0.094	ng	# 86
36) Benzo(k)fluoranthene	22.87	252	4565	0.100	ng	# 83
37) Benzo(a)pyrene	23.41	252	3930	0.094	ng	# 76
38) Dibenzo(a,h)anthracene	25.77	278	3932	0.094	ng	# 85
39) Benzo(g,h,i)perylene	26.46	276	4270	0.101	ng	# 92

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

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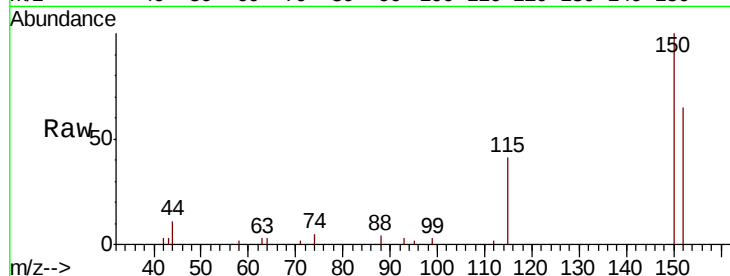


#1

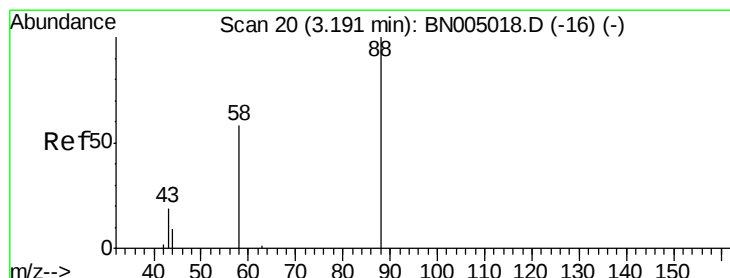
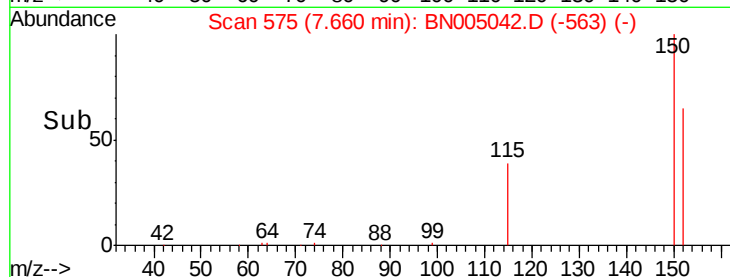
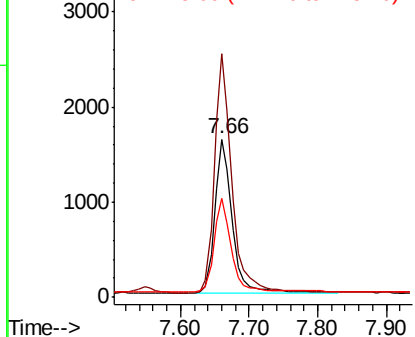
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2839
Ion Ratio Lower Upper
152 100
150 154.1 123.4 185.2
115 62.7 50.0 75.0



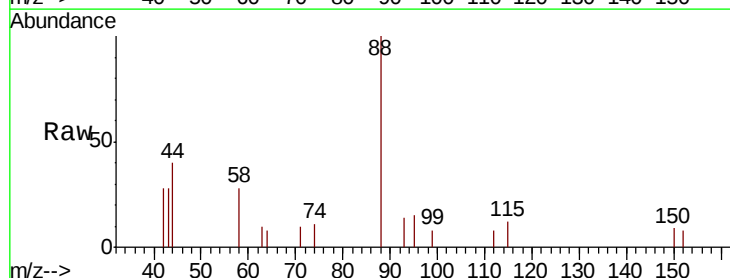
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



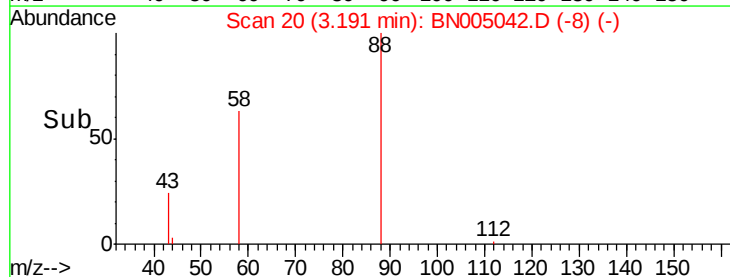
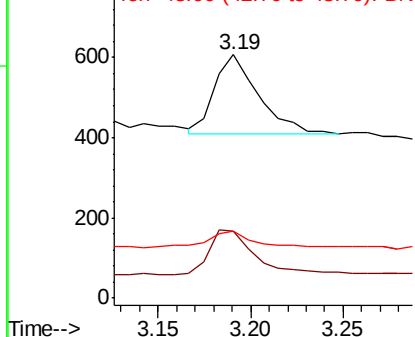
#2

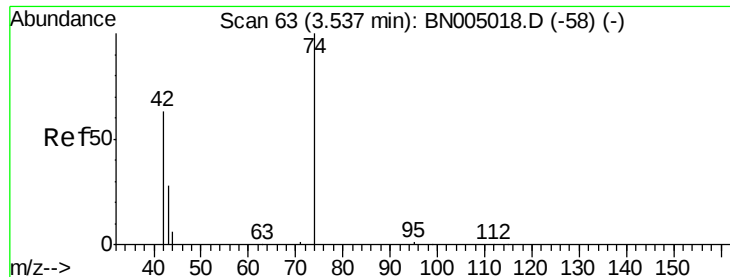
1,4-Dioxane
Concen: 0.107 ng
RT: 3.19 min Scan# 20
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion: 88 Resp: 328
Ion Ratio Lower Upper
88 100
58 60.7 52.8 79.2
43 23.2 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: 0.035 ng

RT: 3.56 min Scan# 66

Delta R.T. 0.03 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampleId :

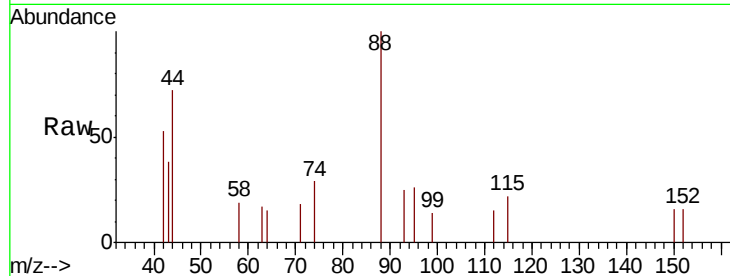
Tot Ion: 42 Resp: 65

Ion Ratio Lower Upper

42 100

74 0.0 129.1 193.7#

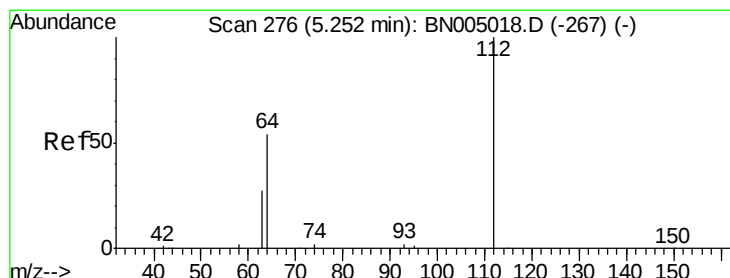
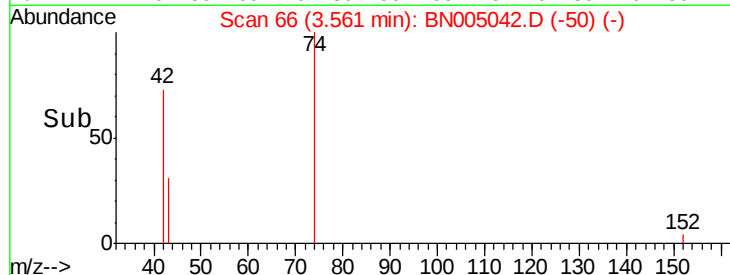
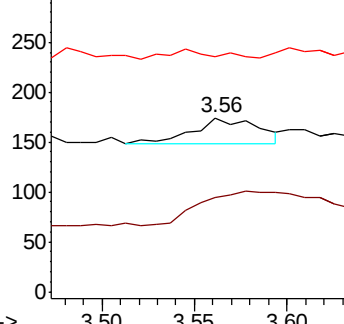
44 20.0 11.6 17.4#



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: 0.384 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

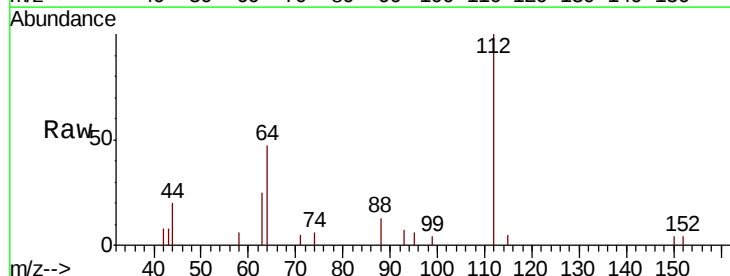
Tgt Ion: 112 Resp: 2721

Ion Ratio Lower Upper

112 100

64 52.0 41.9 62.9

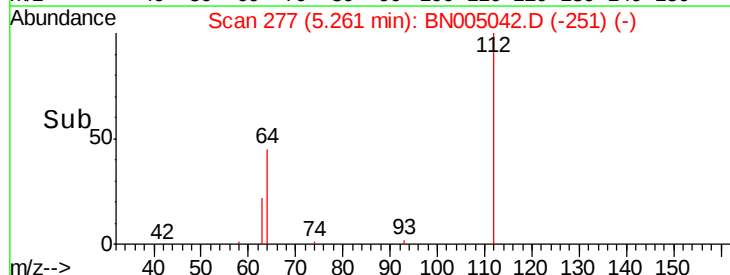
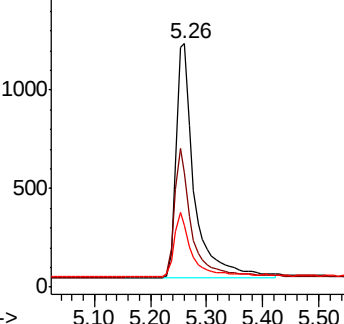
63 25.6 21.5 32.3

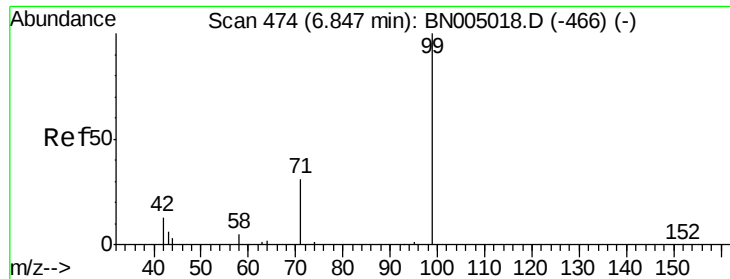


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.366 ng

RT: 6.85 min Scan# 474

Delta R.T. 0.00 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampled :

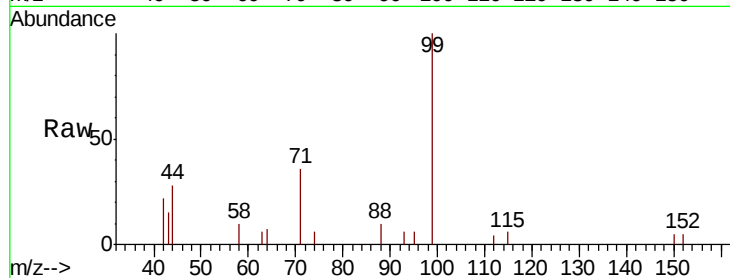
Tot Ion: 99 Resp: 3070

Ion Ratio Lower Upper

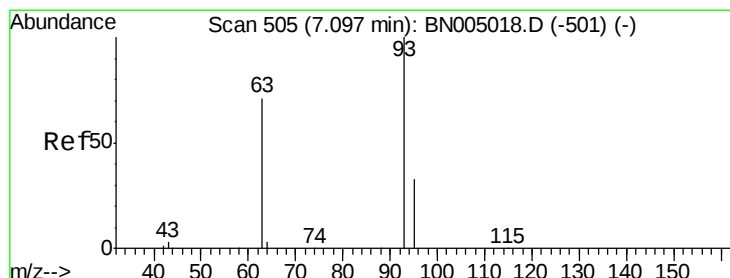
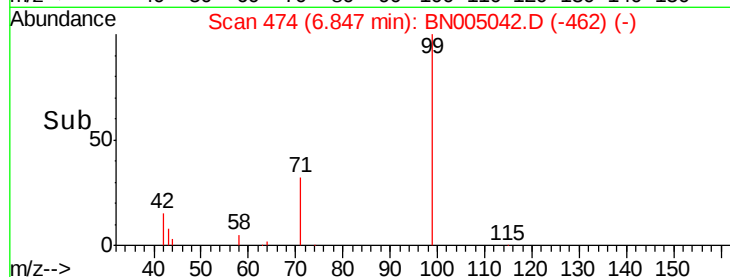
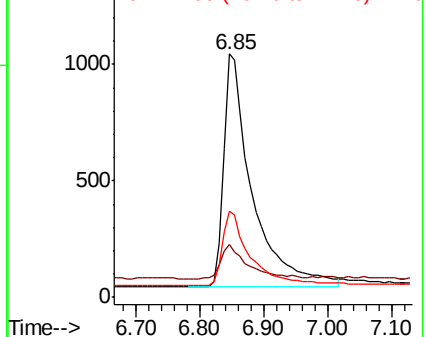
99 100

42 14.7 12.2 18.2

71 31.3 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.094 ng

RT: 7.10 min Scan# 506

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

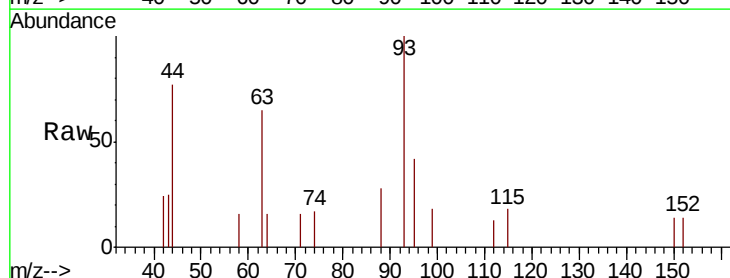
Tgt Ion: 93 Resp: 747

Ion Ratio Lower Upper

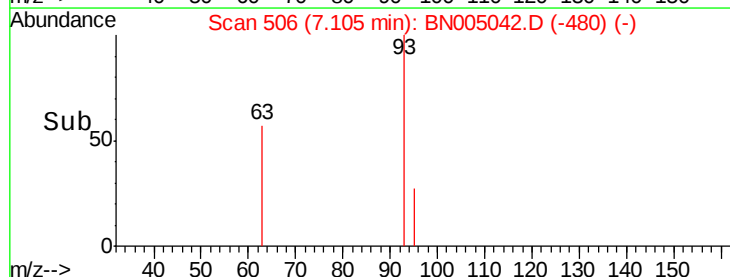
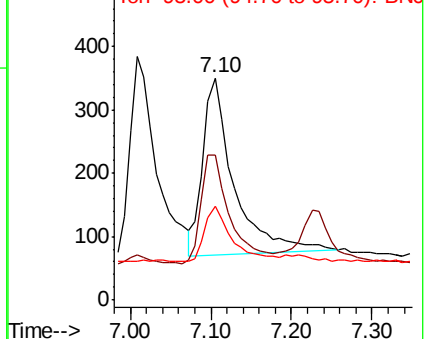
93 100

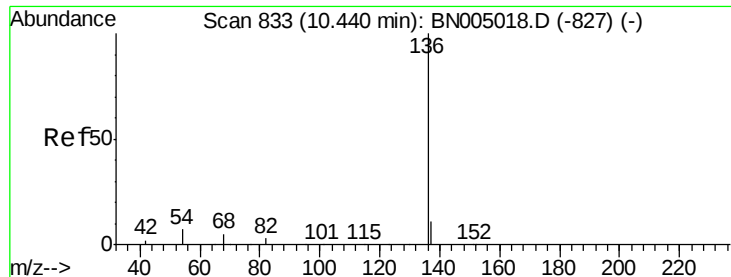
63 57.3 51.8 77.6

95 26.9 24.8 37.2



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 11814

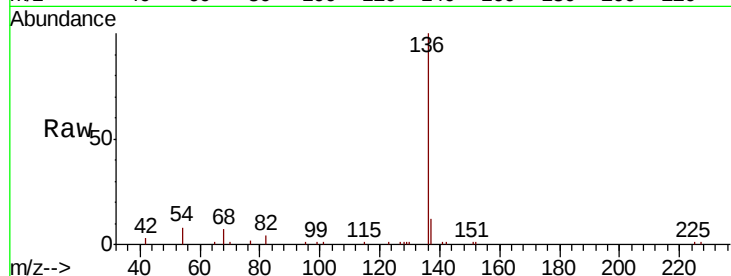
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 8.3 6.0 9.0

68 7.1 5.0 7.6

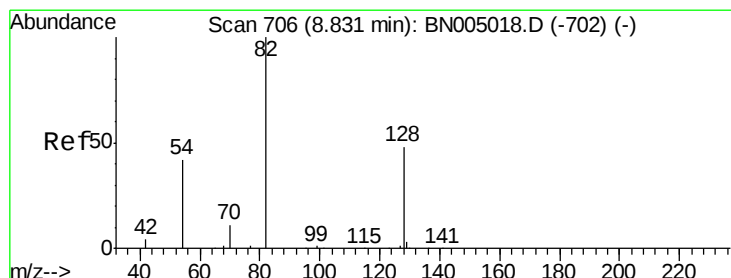
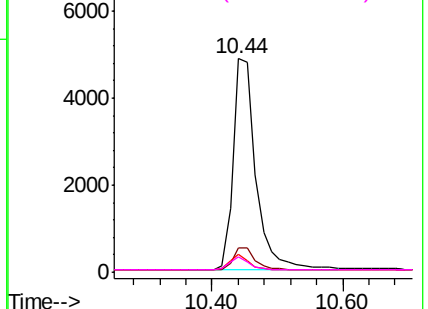
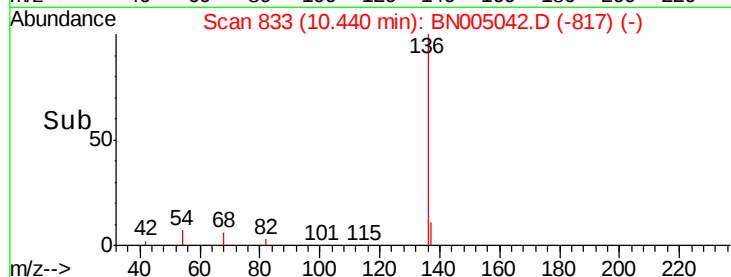


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.332 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

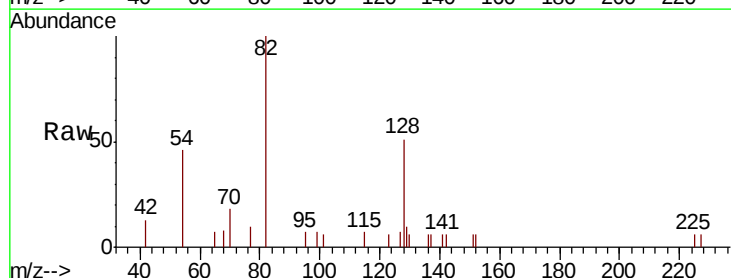
Tgt Ion: 82 Resp: 2274

Ion Ratio Lower Upper

82 100

128 51.3 40.5 60.7

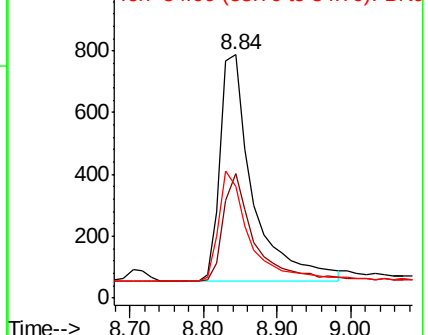
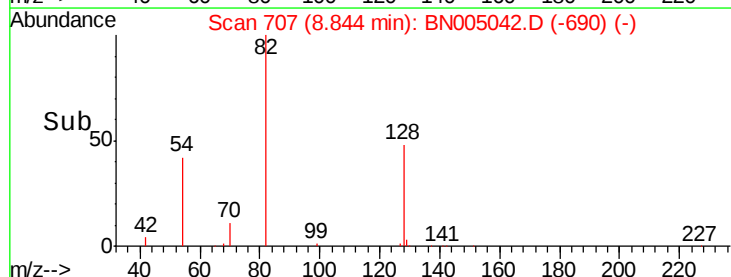
54 46.1 35.7 53.5

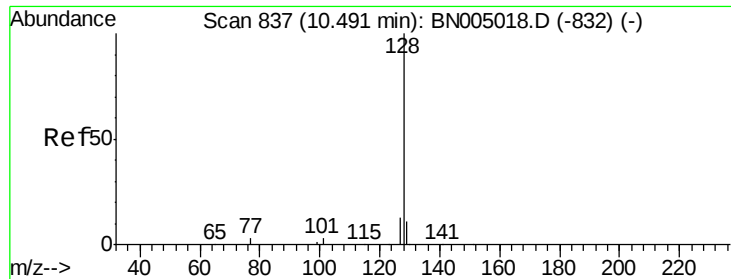


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

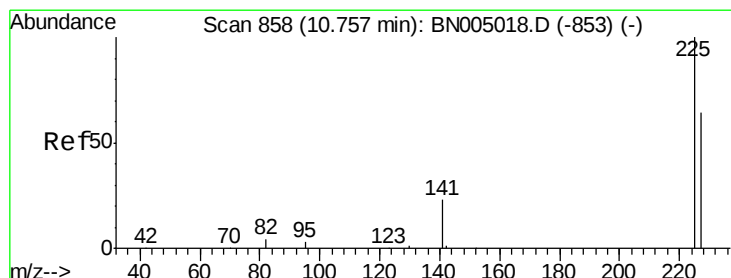
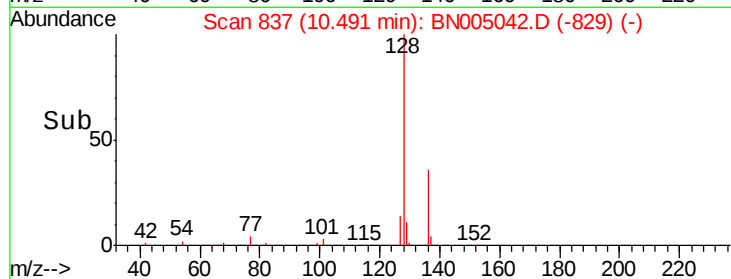
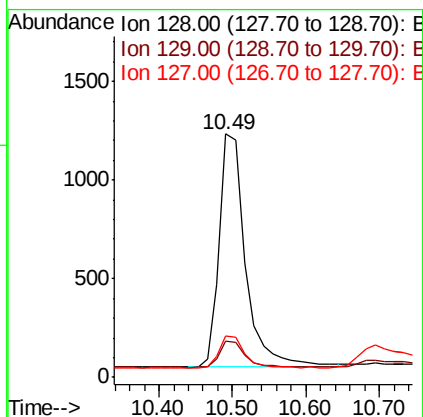
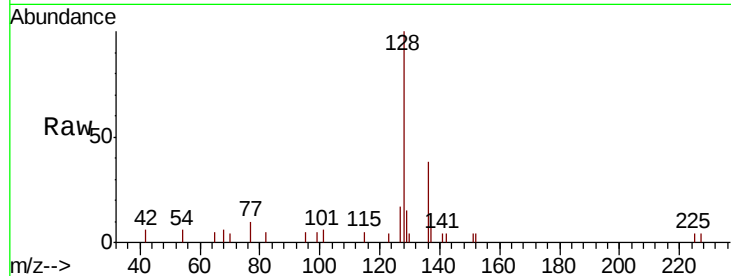




#9
Naphthalene
Concen: 0.099 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

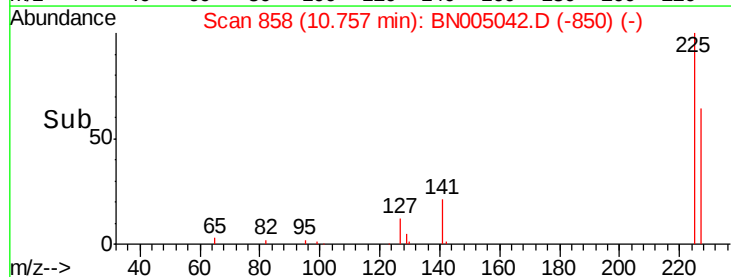
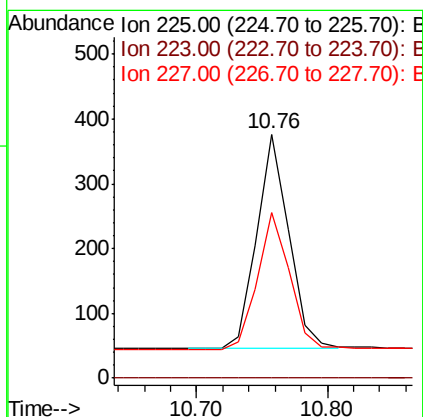
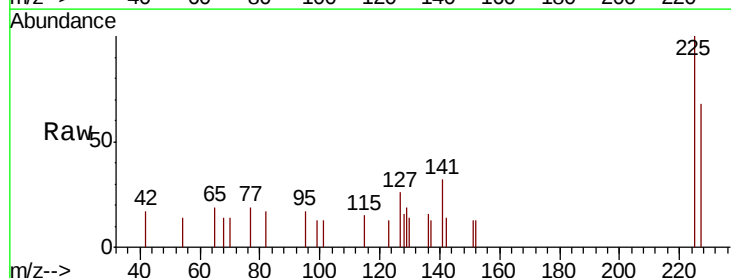
Instrument :
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ClientSampleId :

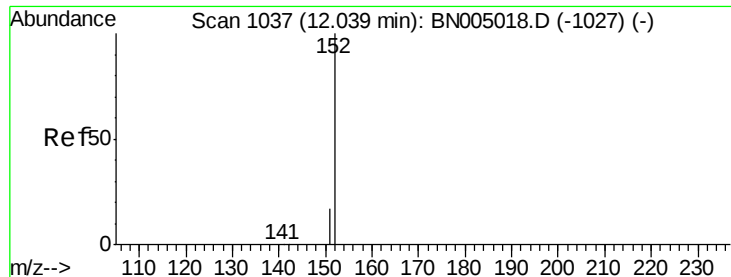
Tot Ion:128 Resp: 2943
Ion Ratio Lower Upper
128 100
129 15.0 9.4 14.2#
127 16.9 11.0 16.6#



#10
Hexachlorobutadiene
Concen: 0.102 ng
RT: 10.76 min Scan# 858
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:225 Resp: 561
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.2 51.5 77.3

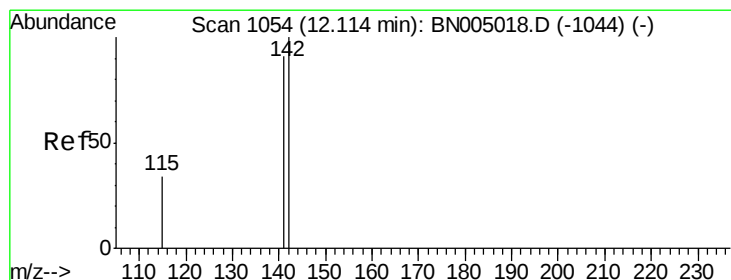
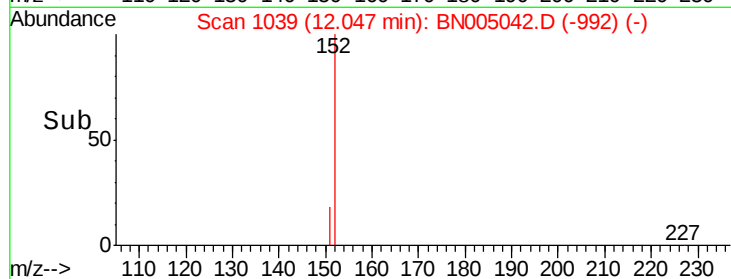
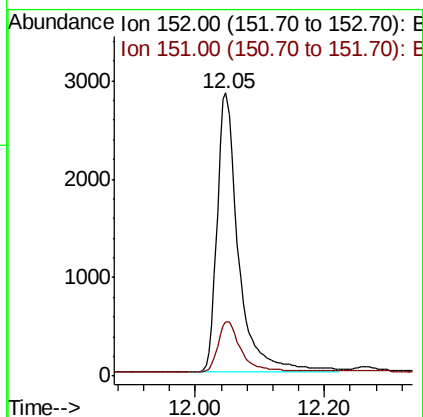
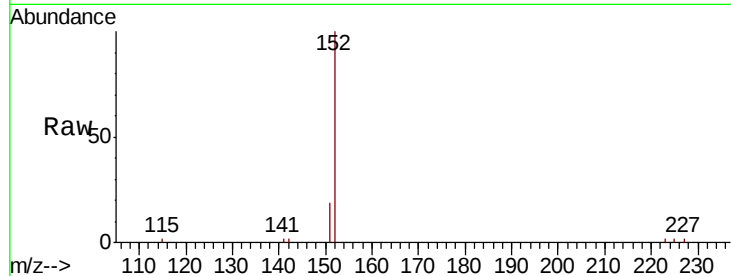




#11
 2-Methylnaphthalene-d10
 Concen: 0.355 ng
 RT: 12.05 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BN005042.D
 Acq: 01 Apr 2019 11:08

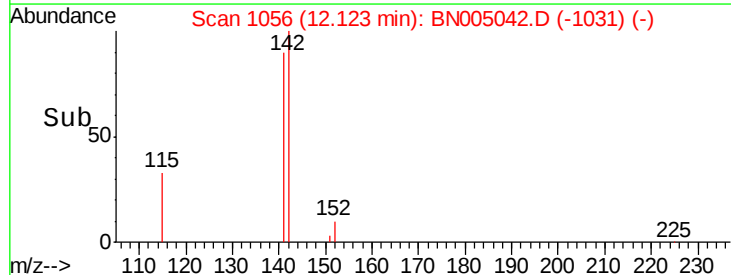
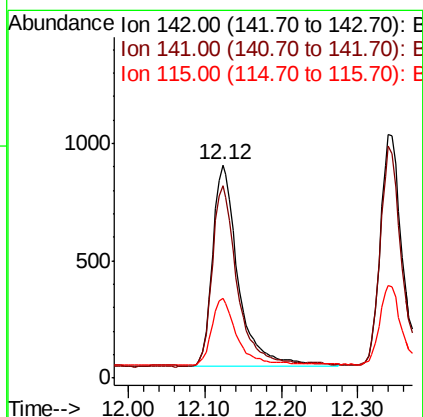
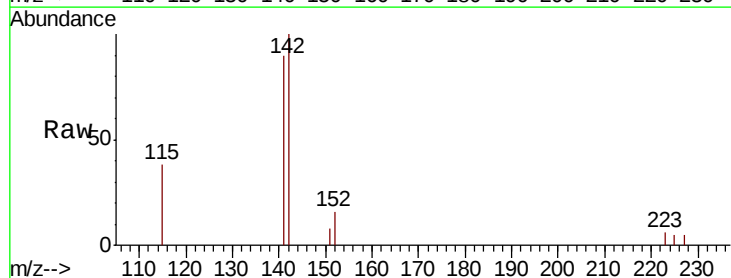
Instrument :
 BNA_N
 ClientSampleId :

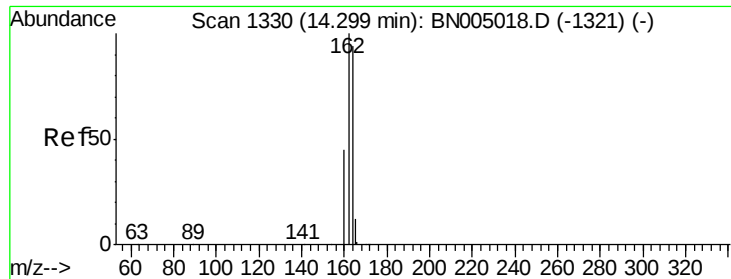
Tot Ion:152 Resp: 6495
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.094 ng
 RT: 12.12 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: BN005042.D
 Acq: 01 Apr 2019 11:08

Tgt Ion:142 Resp: 2005
 Ion Ratio Lower Upper
 142 100
 141 90.1 72.6 108.8
 115 37.7 27.8 41.8

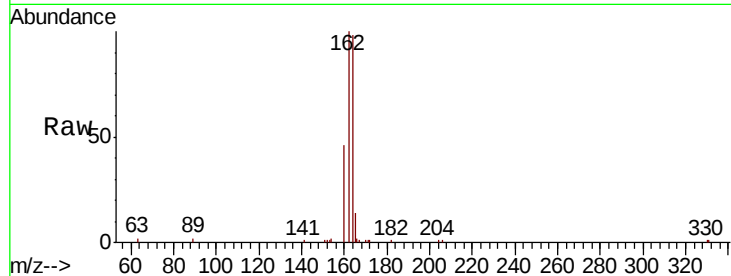




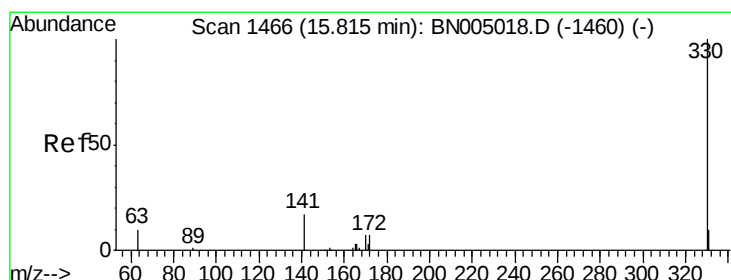
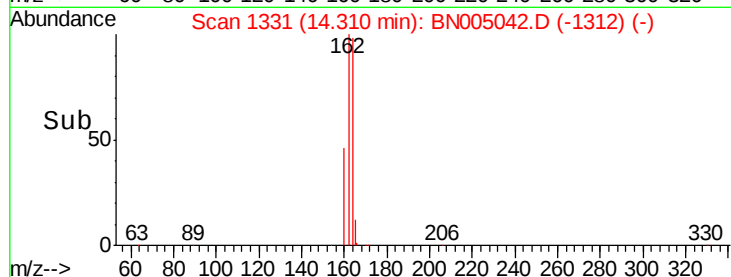
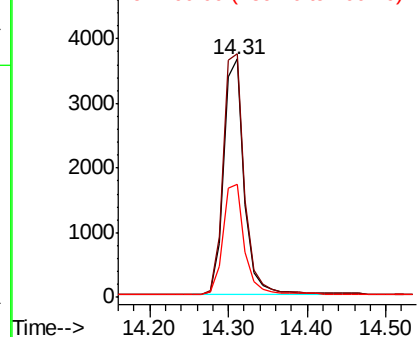
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 6652
Ion Ratio Lower Upper
164 100
162 102.2 85.3 127.9
160 47.2 39.2 58.8

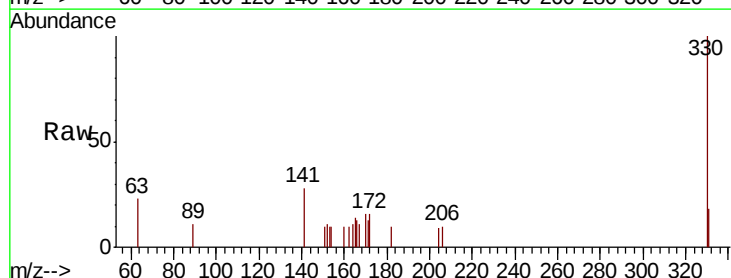


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

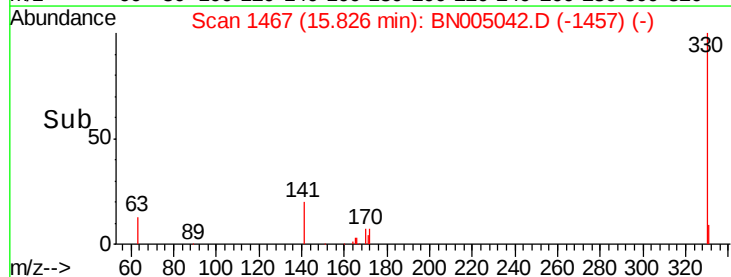
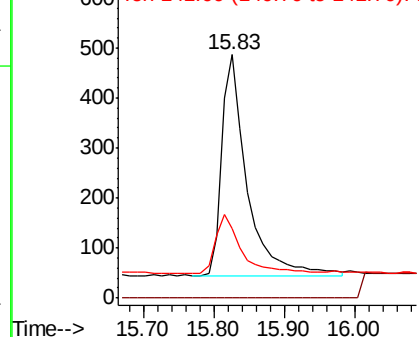


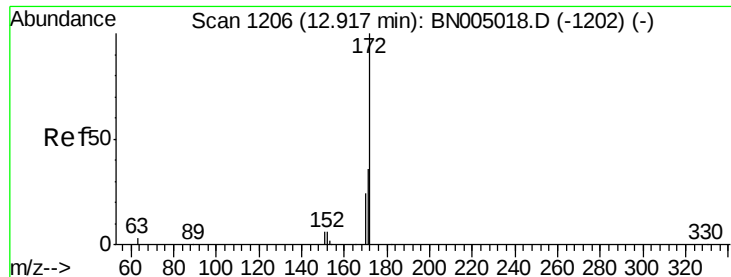
#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.83 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:330 Resp: 1119
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 26.8 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

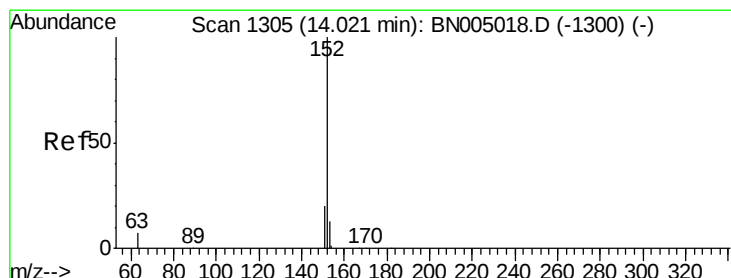
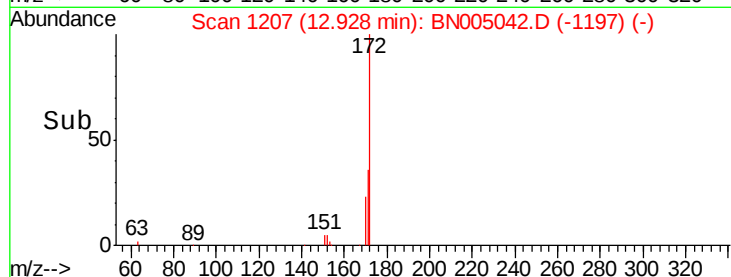
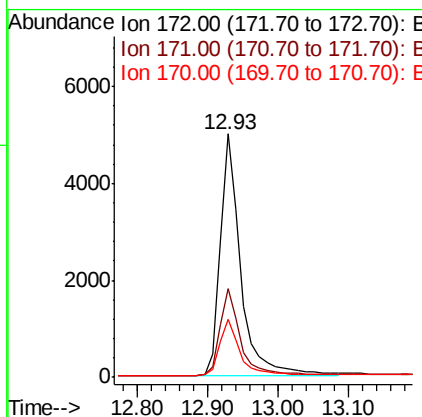
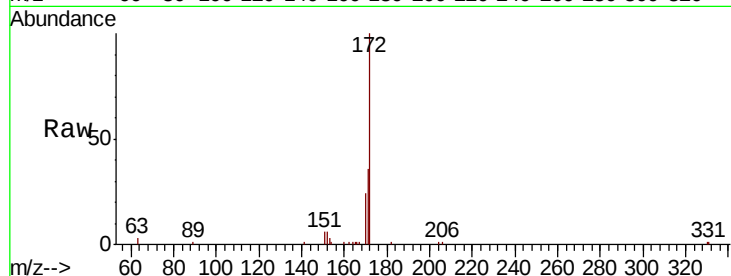




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

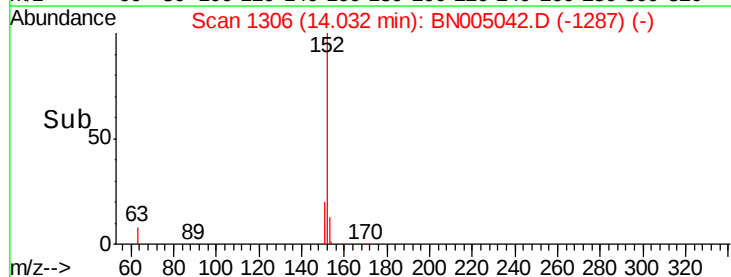
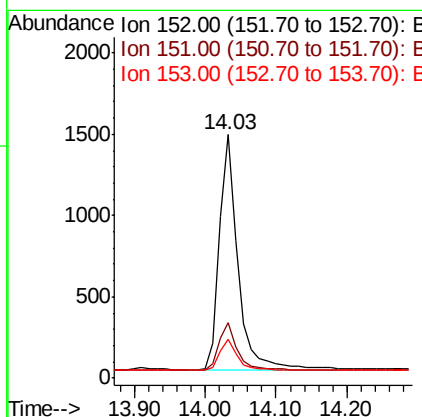
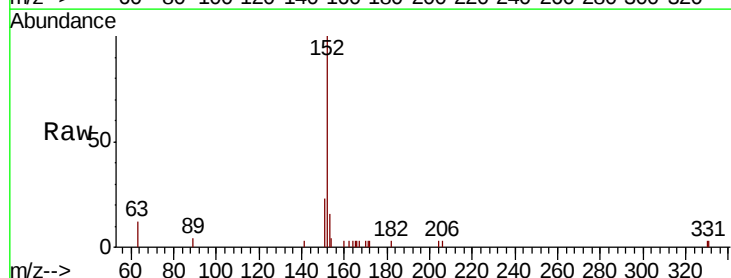
Instrument :
BNA_N
ClientSampleId :

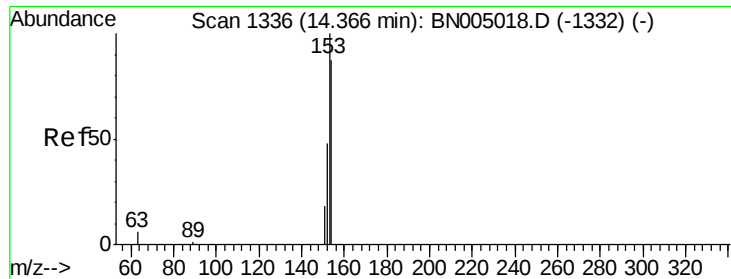
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	23.9	20.0	30.0



#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.0	10.6	15.8





#17

Acenaphthene

Concen: 0.099 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampleId :

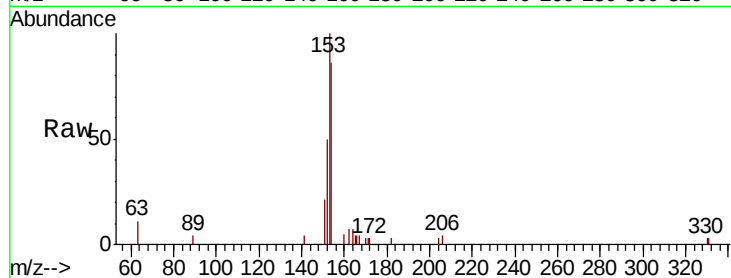
Tot Ion:154 Resp: 1967

Ion Ratio Lower Upper

154 100

153 114.7 92.1 138.1

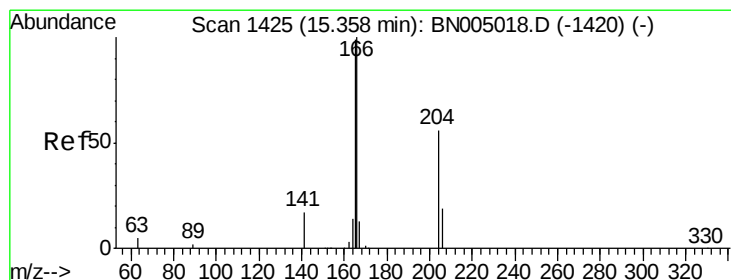
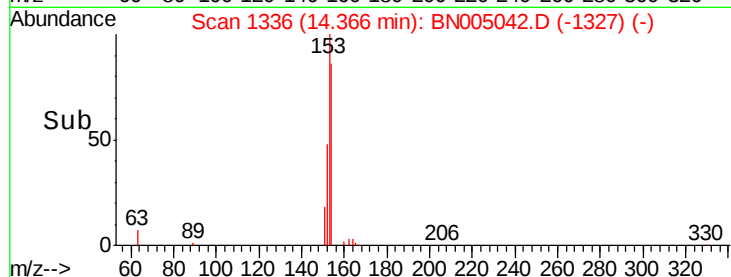
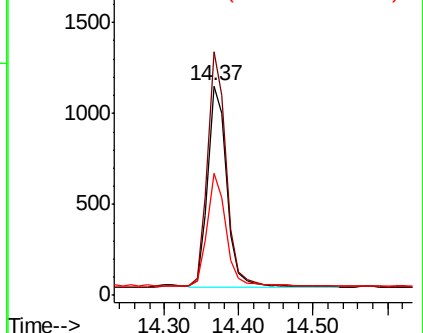
152 54.6 44.2 66.2



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: 0.094 ng

RT: 15.37 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

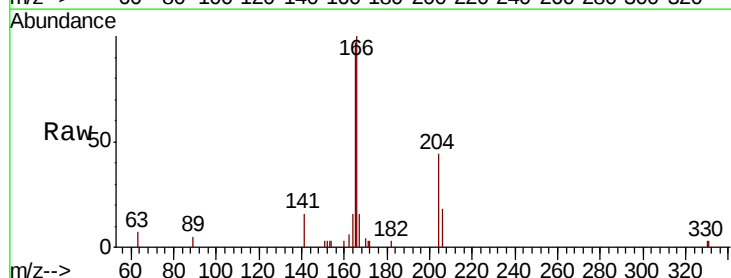
Tgt Ion:166 Resp: 2526

Ion Ratio Lower Upper

166 100

165 98.4 78.7 118.1

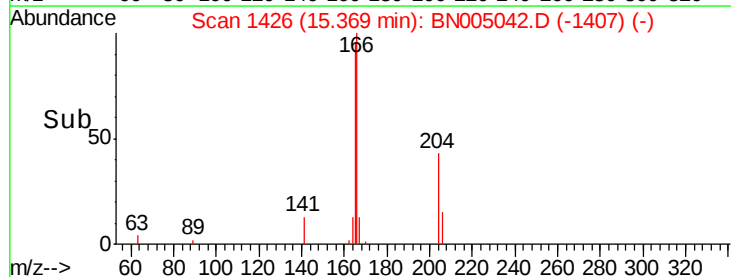
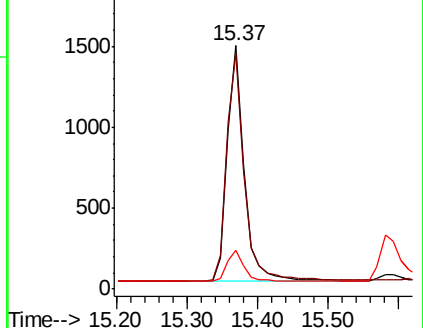
167 13.5 10.9 16.3

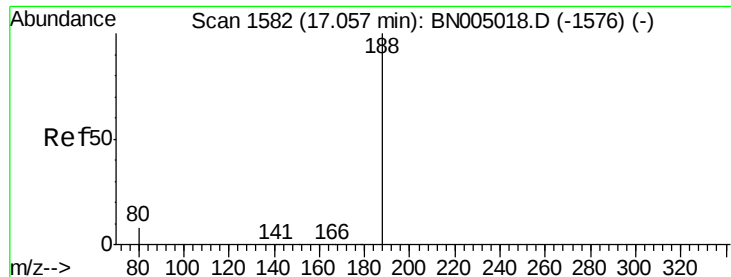


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampled :

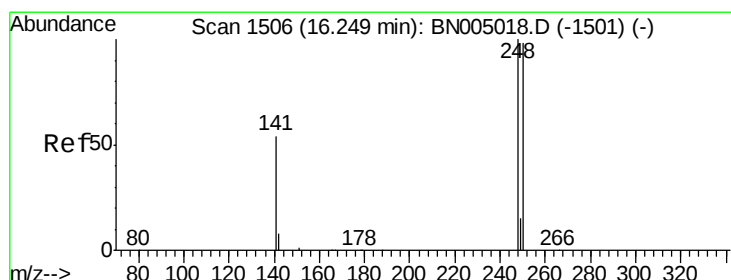
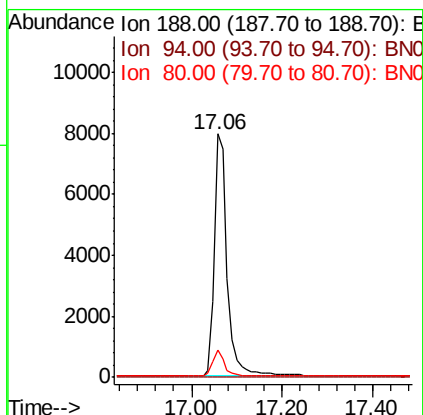
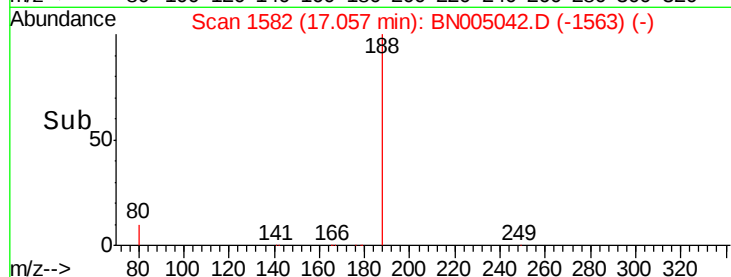
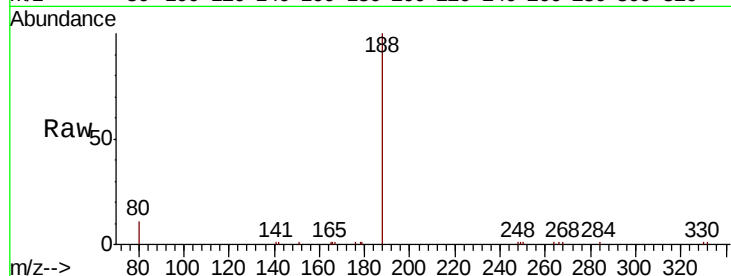
Tot Ion:188 Resp: 15576

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 6.9 10.3#



#20

4-Bromophenyl-phenylether

Concen: 0.093 ng

RT: 16.26 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

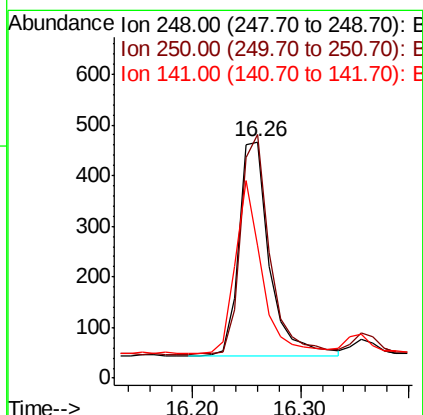
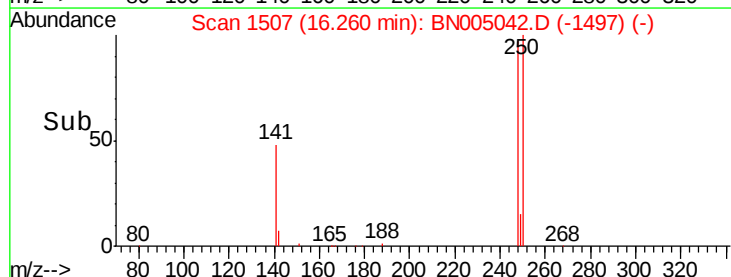
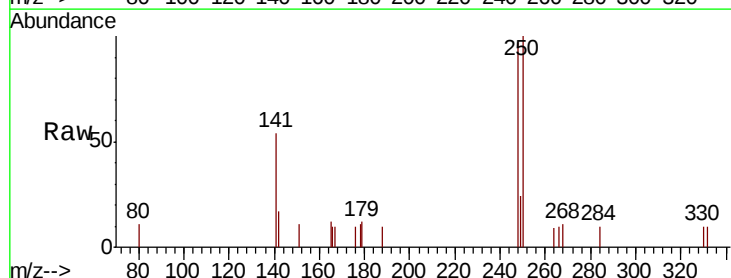
Tgt Ion:248 Resp: 828

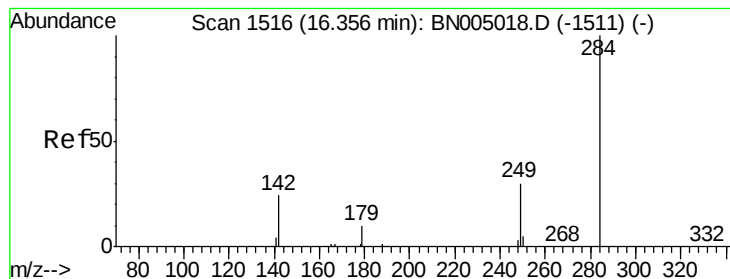
Ion Ratio Lower Upper

248 100

250 103.0 78.6 117.8

141 55.9 43.6 65.4





#21

Hexachlorobenzene

Concen: 0.100 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampleId :

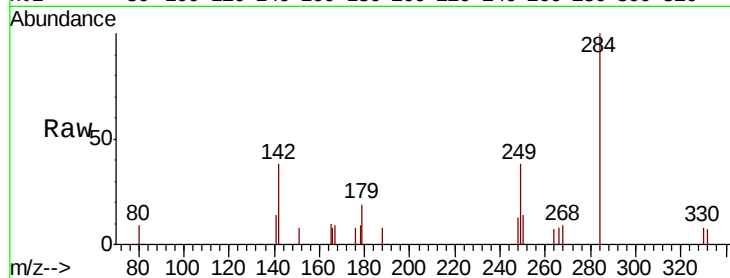
Tot Ion:284 Resp: 982

Ion Ratio Lower Upper

284 100

142 30.4 24.9 37.3

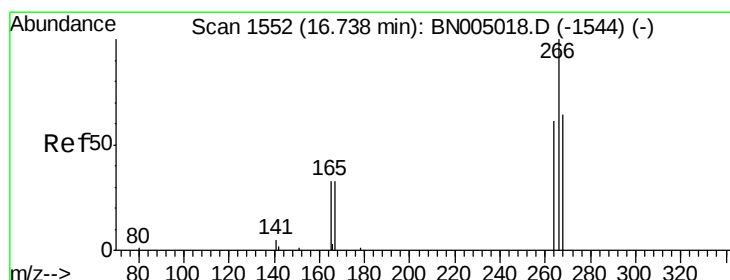
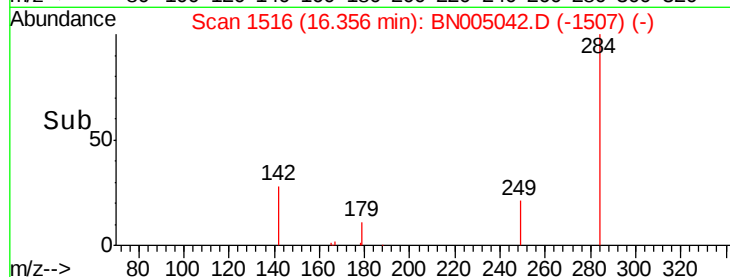
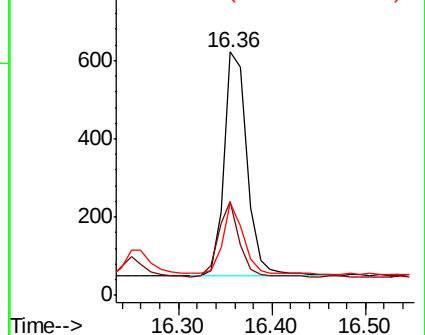
249 28.6 23.8 35.6



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: 0.108 ng

RT: 16.78 min Scan# 1556

Delta R.T. 0.04 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

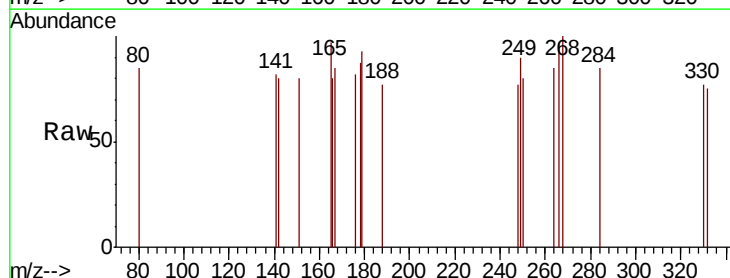
Tgt Ion:266 Resp: 36

Ion Ratio Lower Upper

266 100

264 87.9 53.4 80.0#

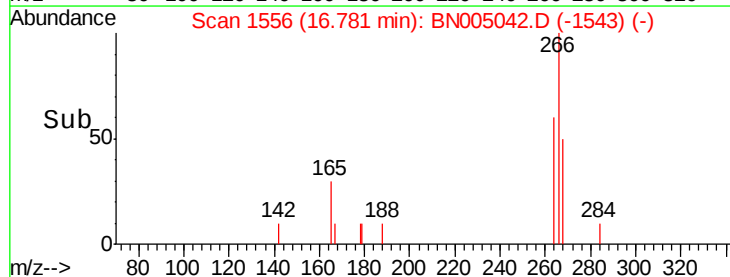
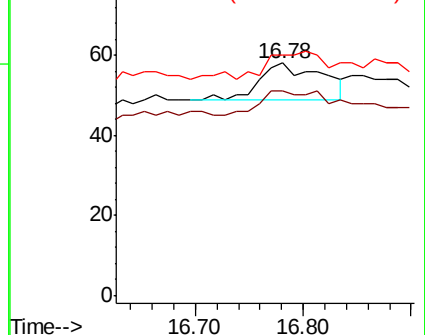
268 103.4 58.9 88.3#

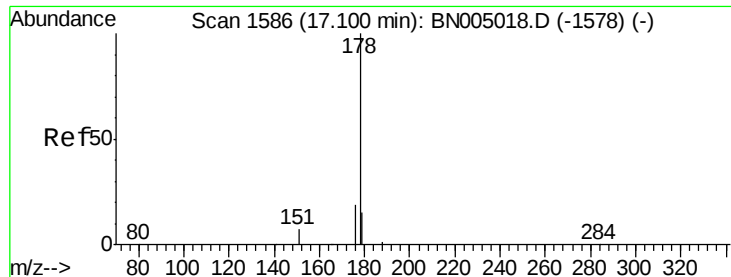


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.095 ng

RT: 17.11 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampleId :

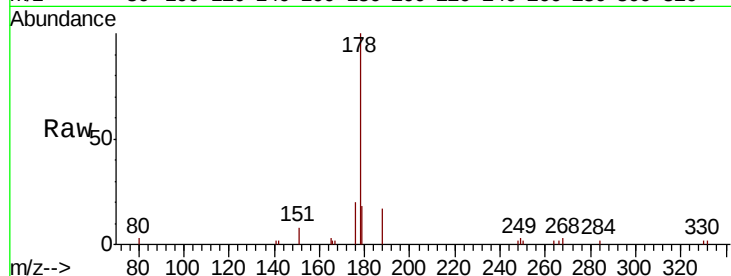
Tot Ion:178 Resp: 4156

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

179 15.8 12.2 18.2

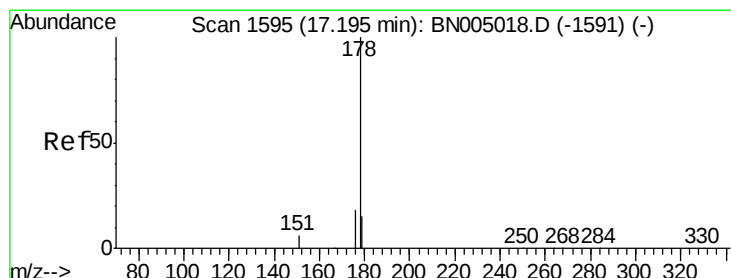
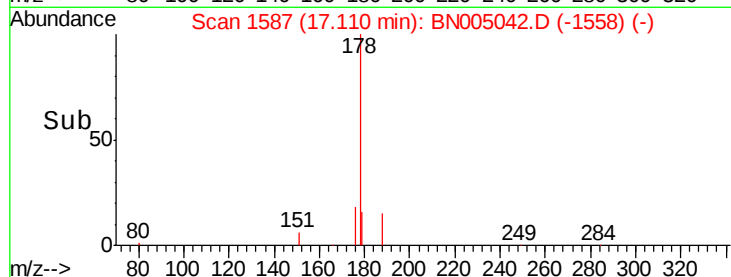
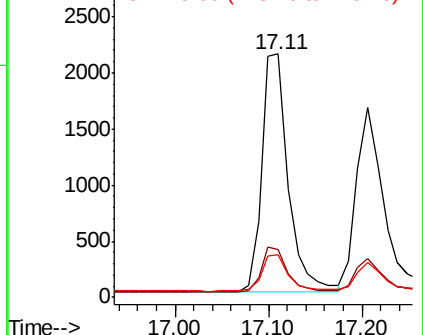


Abundance

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: 0.086 ng

RT: 17.21 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

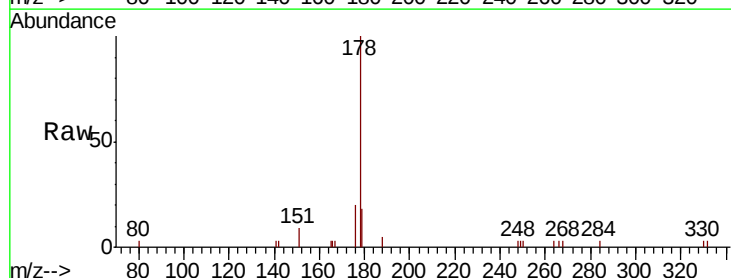
Tgt Ion:178 Resp: 3329

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

179 15.0 12.3 18.5

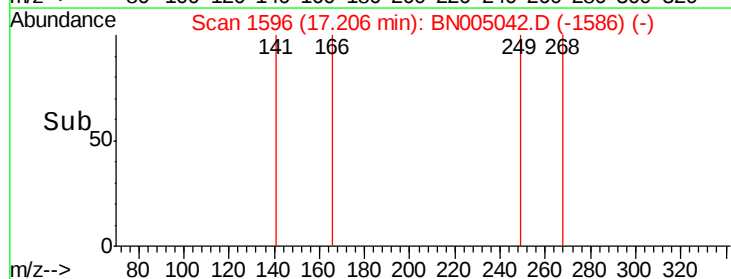
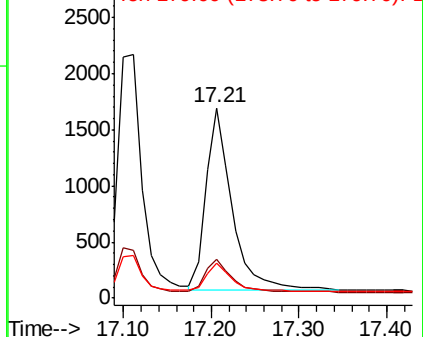


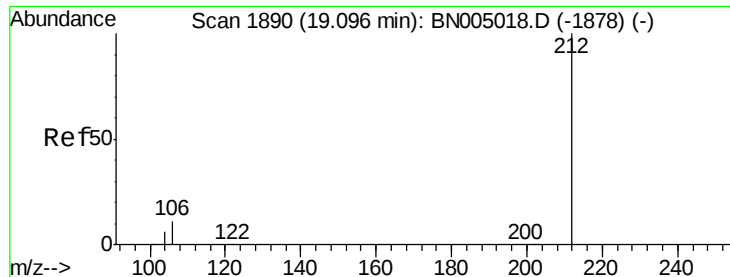
Abundance

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: 0.344 ng

RT: 19.10 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampleId :

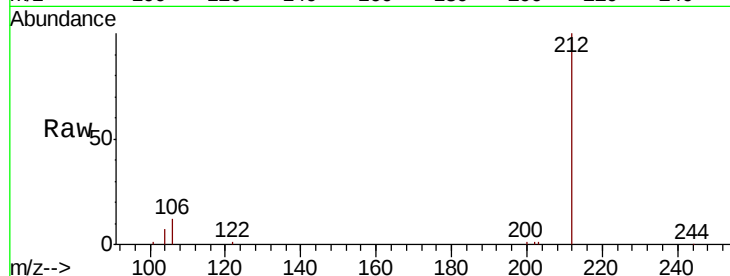
Tot Ion:212 Resp: 15286

Ion Ratio Lower Upper

212 100

106 12.1 9.4 14.2

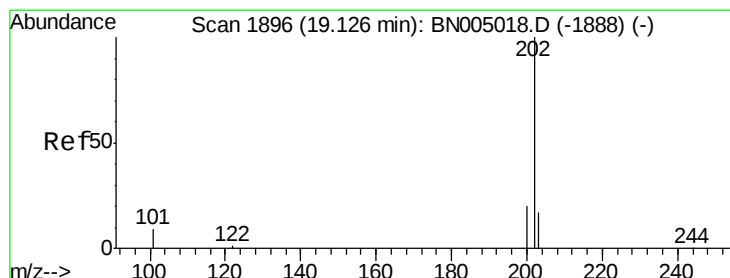
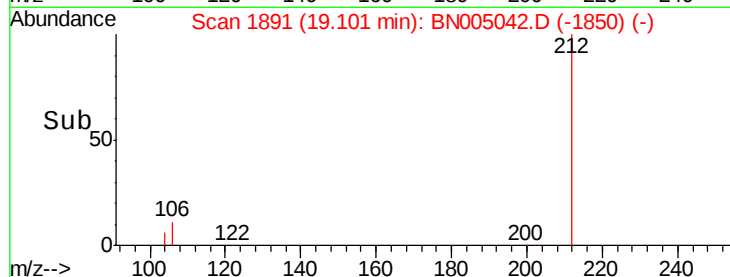
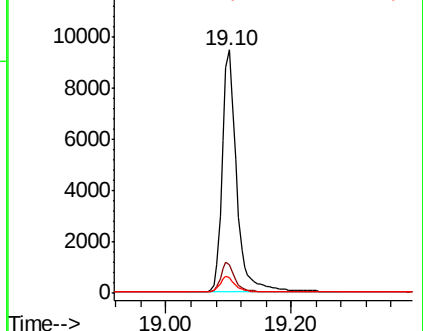
104 6.7 5.4 8.0



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: 0.089 ng

RT: 19.13 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

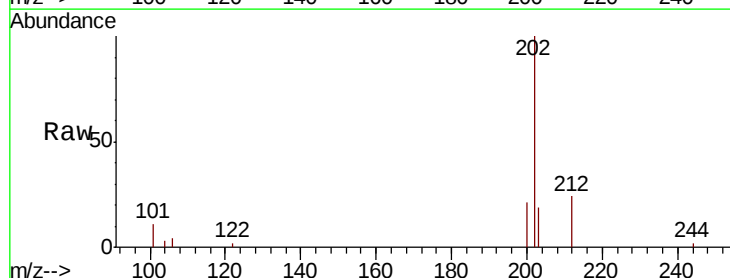
Tgt Ion:202 Resp: 4774

Ion Ratio Lower Upper

202 100

101 10.5 8.2 12.2

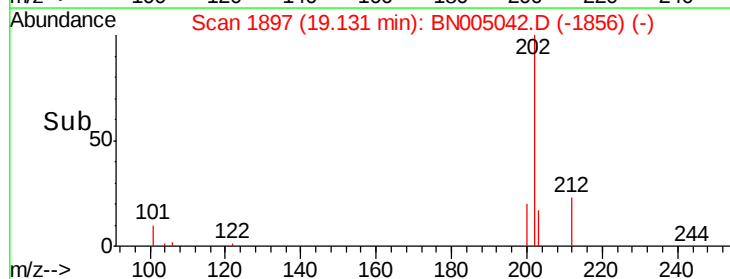
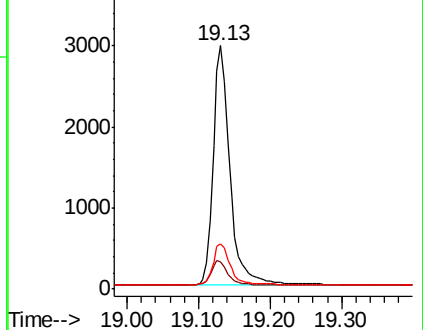
203 17.3 13.8 20.8

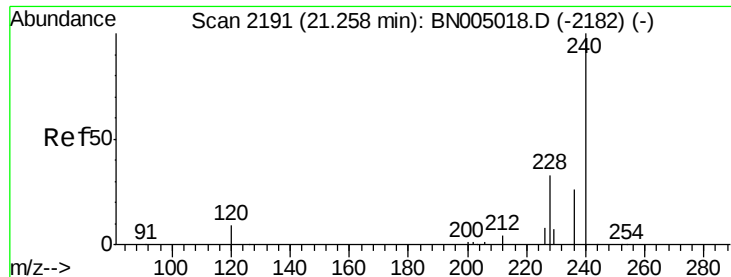


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

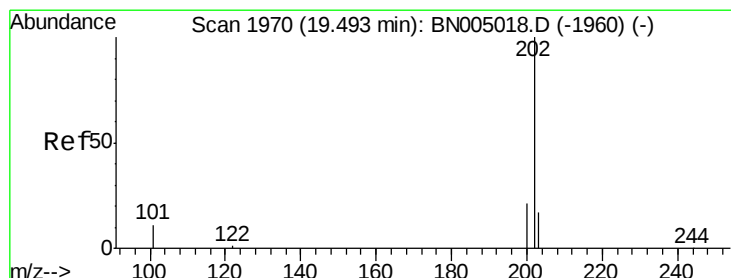
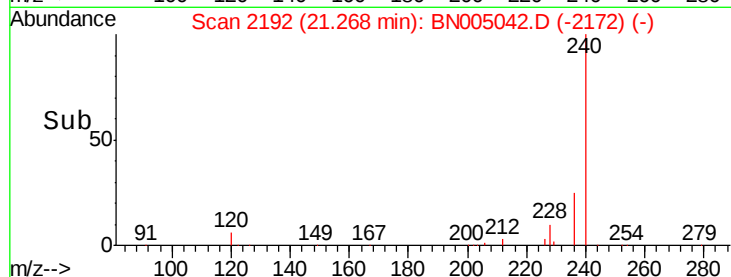
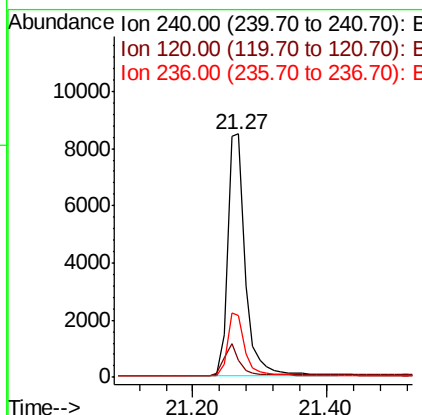
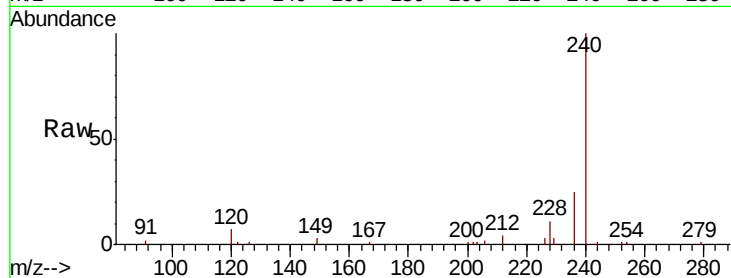




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

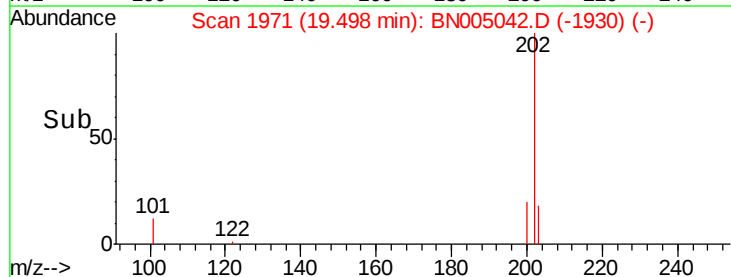
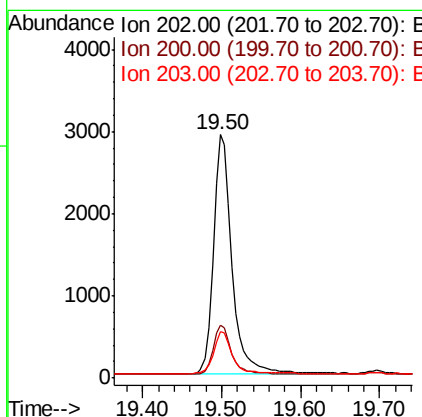
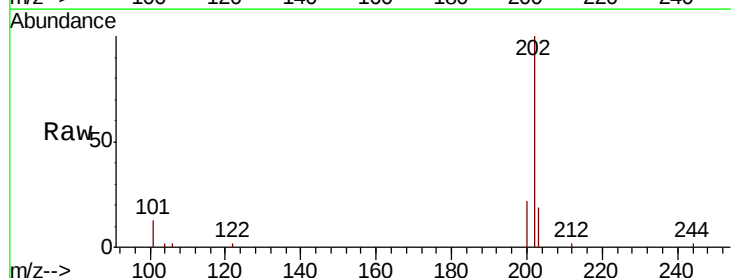
Instrument :
BNA_N
ClientSampled :

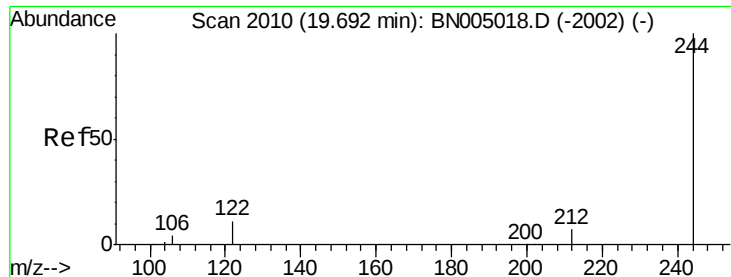
Tot Ion:240 Resp: 15528
Ion Ratio Lower Upper
240 100
120 7.1 7.4 11.0#
236 25.4 21.0 31.6



#28
Pyrene
Concen: 0.109 ng
RT: 19.50 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:202 Resp: 4794
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.7 13.9 20.9





#29

Terphenyl-d14

Concen: 0.454 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampled :

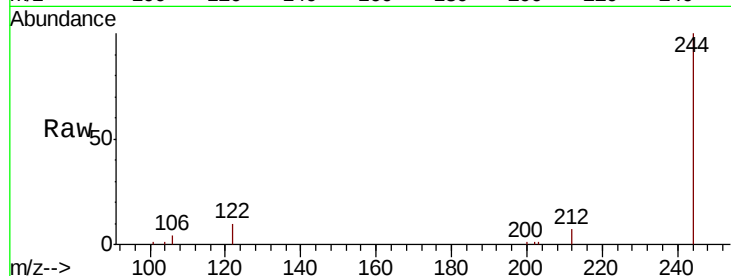
Tot Ion:244 Resp: 14497

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

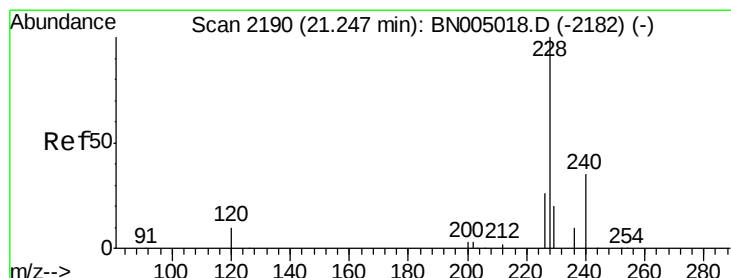
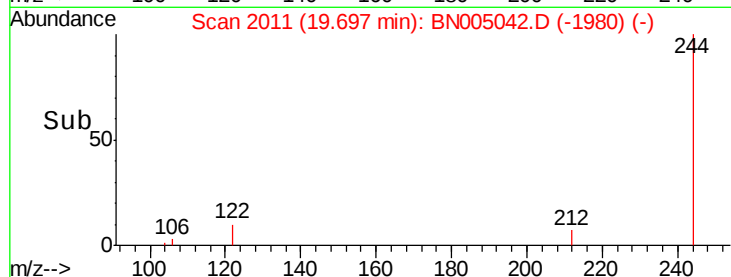
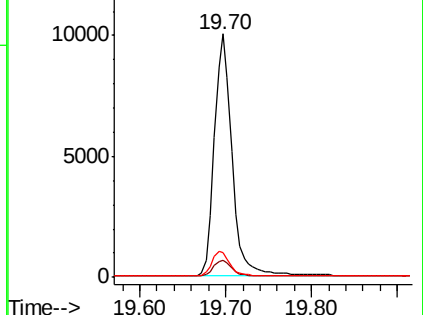
122 10.4 9.0 13.4



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: 0.092 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

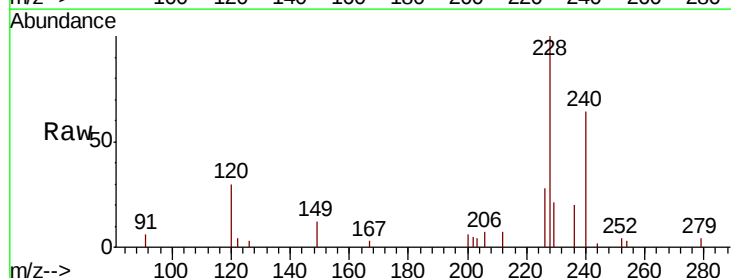
Tgt Ion:228 Resp: 4007

Ion Ratio Lower Upper

228 100

226 28.3 20.9 31.3

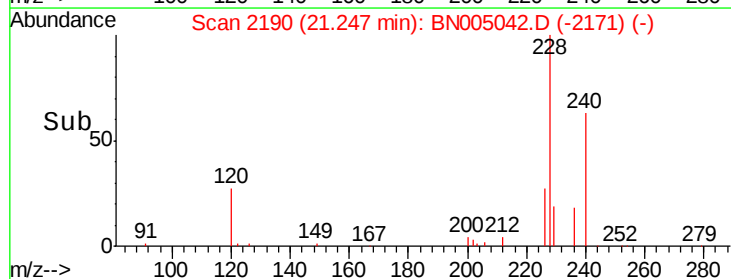
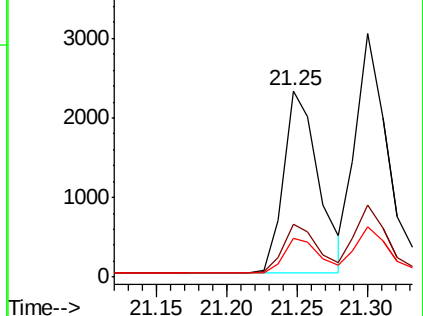
229 21.0 16.2 24.2

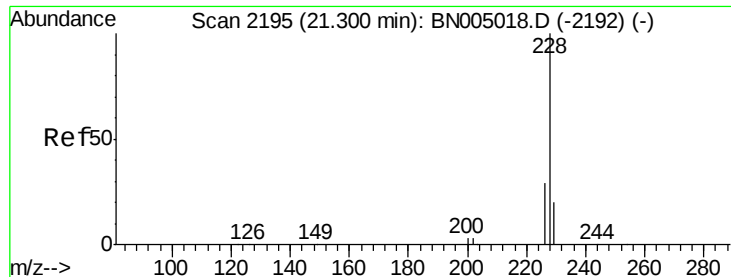


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.102 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampleId :

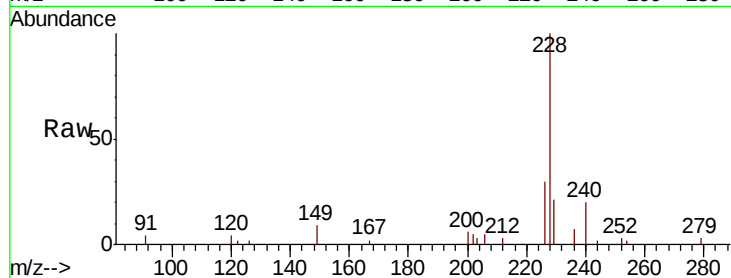
Tot Ion:228 Resp: 4812

Ion Ratio Lower Upper

228 100

226 29.9 22.8 34.2

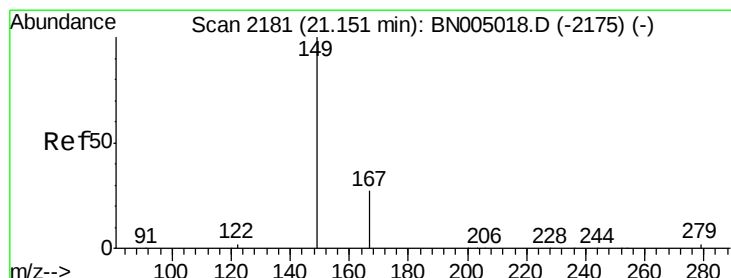
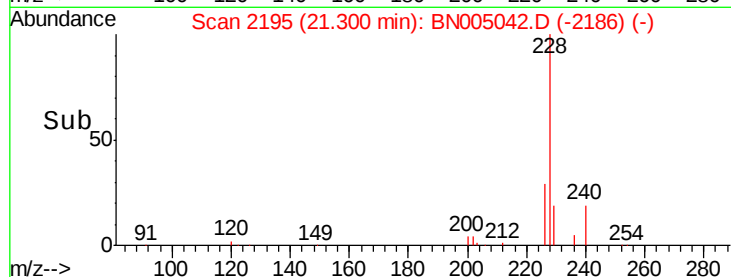
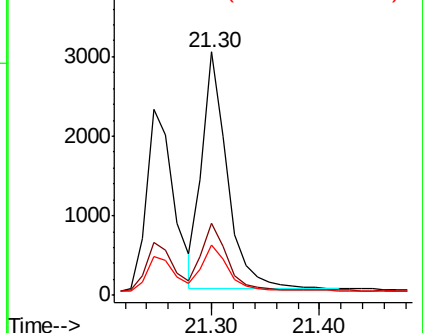
229 20.5 16.2 24.4



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: 0.123 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

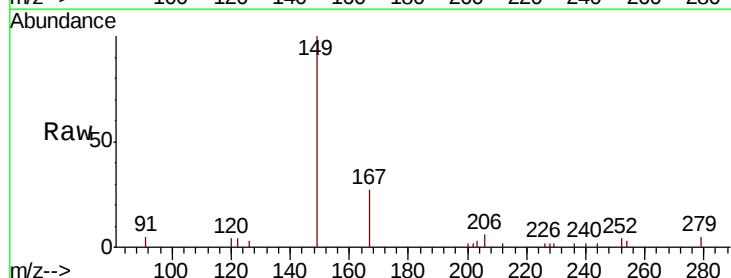
Tgt Ion:149 Resp: 2252

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.4

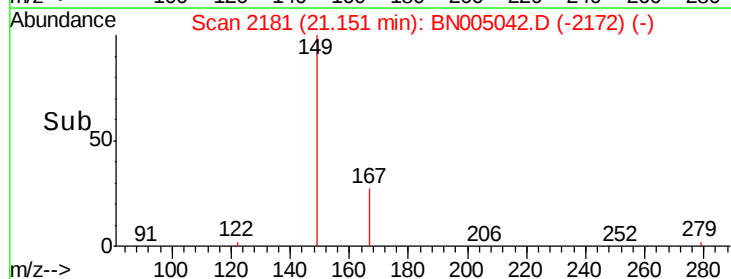
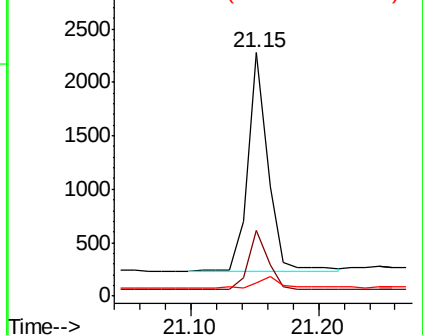
279 5.1 4.2 6.4

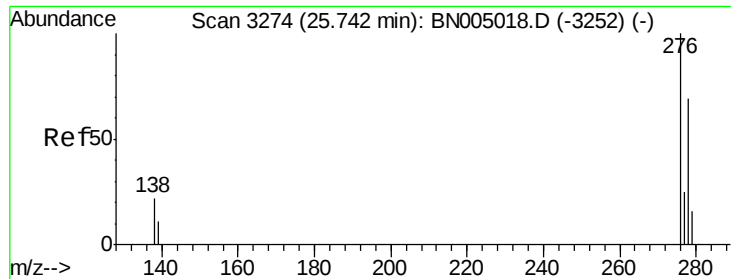


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

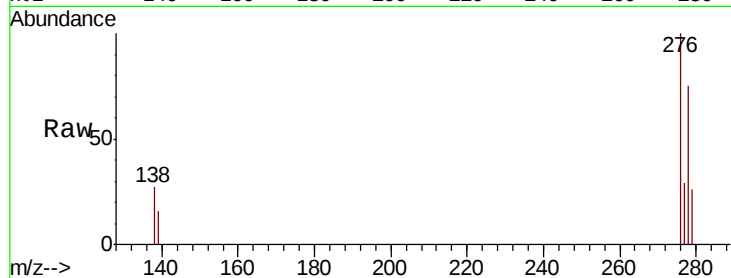




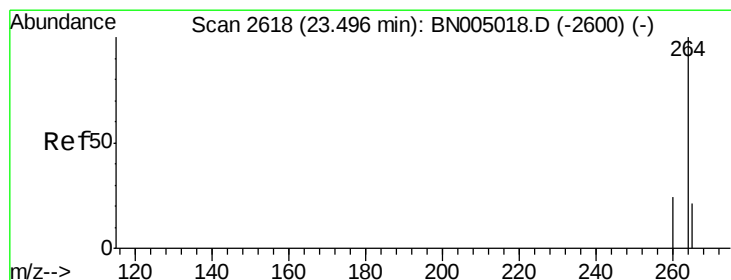
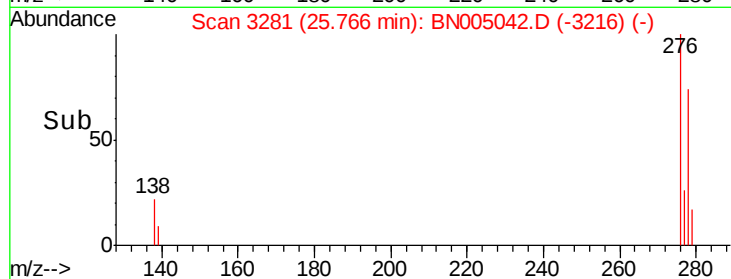
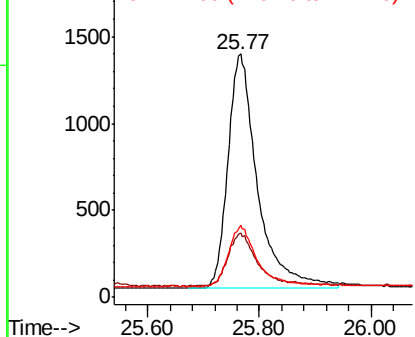
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.094 ng
 RT: 25.77 min Scan# 3281
 Delta R.T. 0.02 min
 Lab File: BN005042.D
 Acq: 01 Apr 2019 11:08

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 4969
 Ion Ratio Lower Upper
 276 100
 138 21.6 18.2 27.2
 277 24.9 20.3 30.5

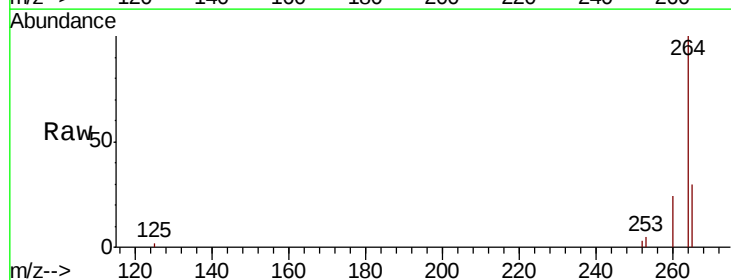


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

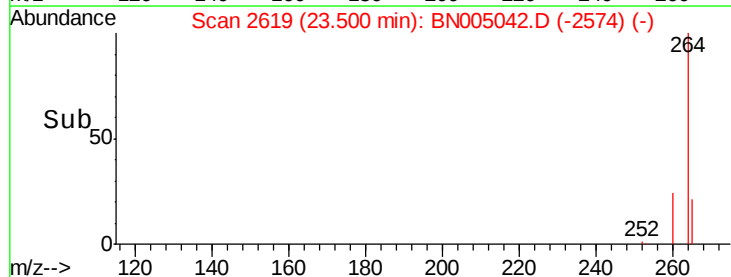
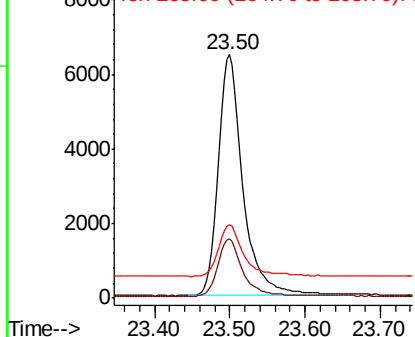


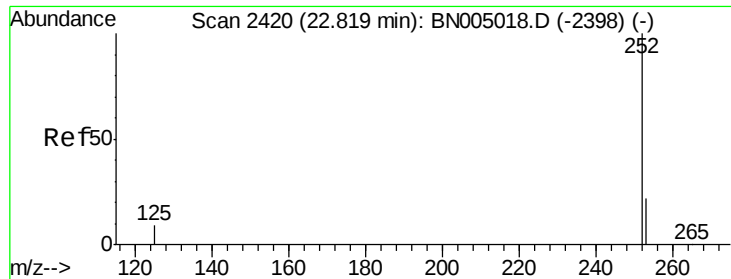
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. 0.00 min
 Lab File: BN005042.D
 Acq: 01 Apr 2019 11:08

Tgt Ion:264 Resp: 14725
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 30.1 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: 0.094 ng

RT: 22.83 min Scan# 2423

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampleId :

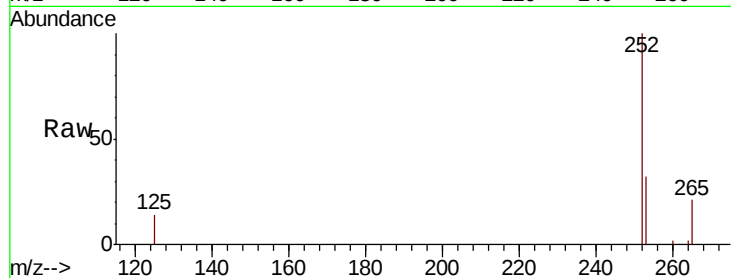
Tot Ion:252 Resp: 4419

Ion Ratio Lower Upper

252 100

253 31.9 19.2 28.8#

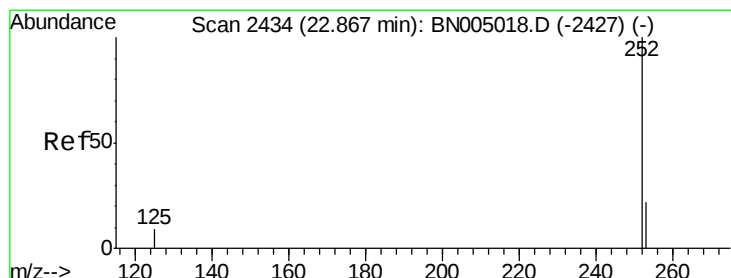
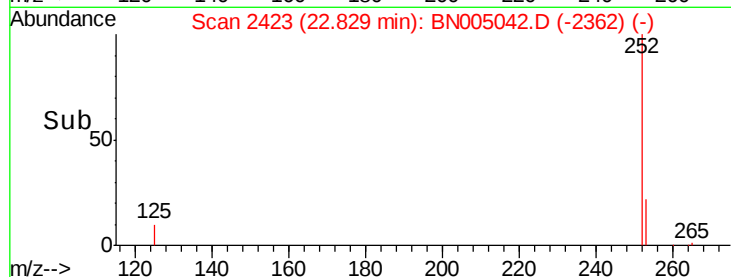
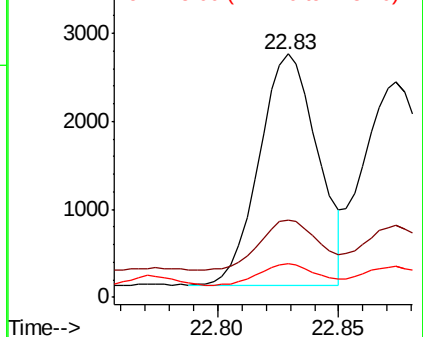
125 13.8 8.2 12.2#



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: 0.100 ng

RT: 22.87 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

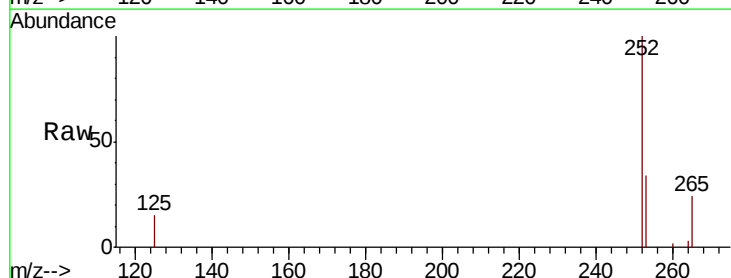
Tgt Ion:252 Resp: 4565

Ion Ratio Lower Upper

252 100

253 33.5 19.3 28.9#

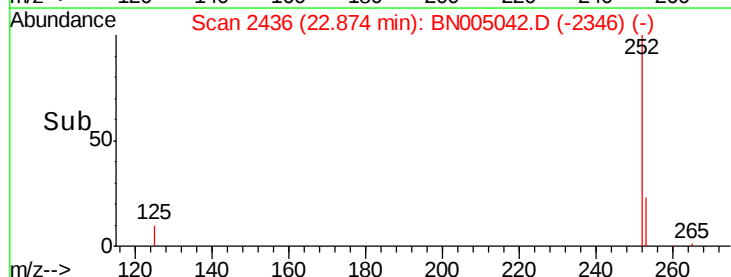
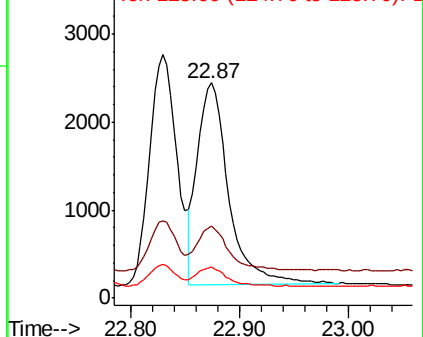
125 14.5 8.2 12.2#

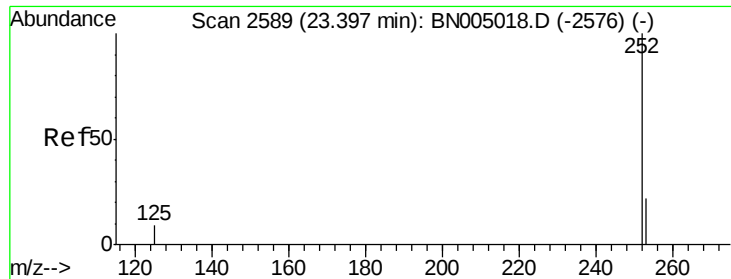


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.094 ng

RT: 23.41 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampleId :

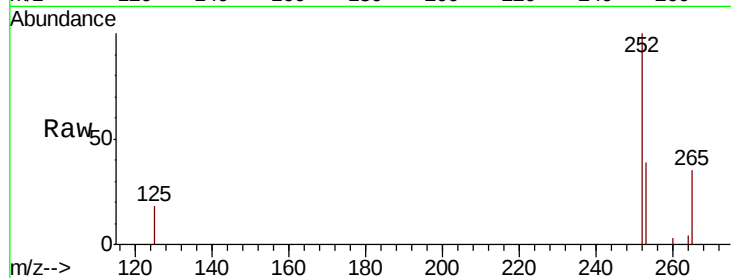
Tot Ion:252 Resp: 3930

Ion Ratio Lower Upper

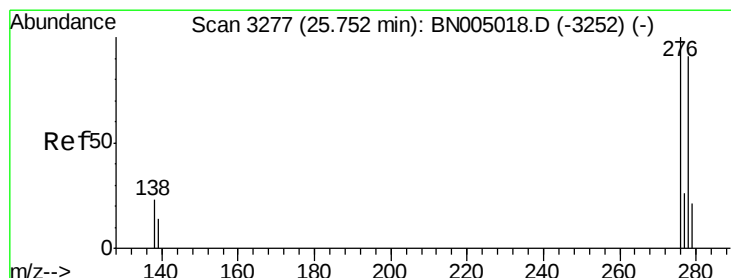
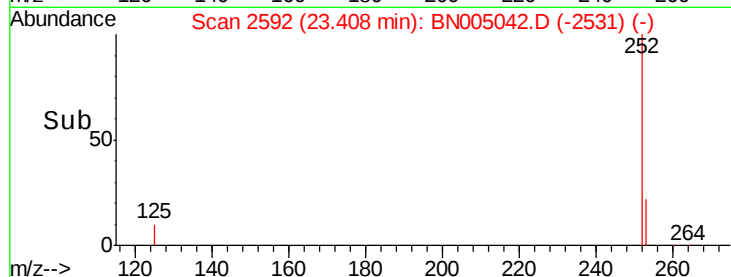
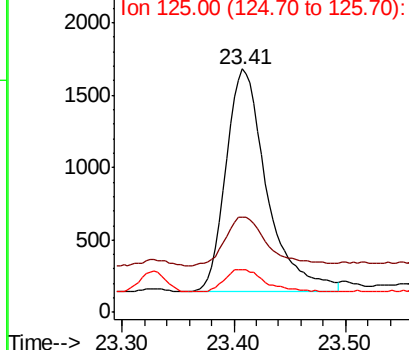
252 100

253 38.9 20.2 30.2#

125 17.6 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: 0.094 ng

RT: 25.77 min Scan# 3283

Delta R.T. 0.02 min

Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

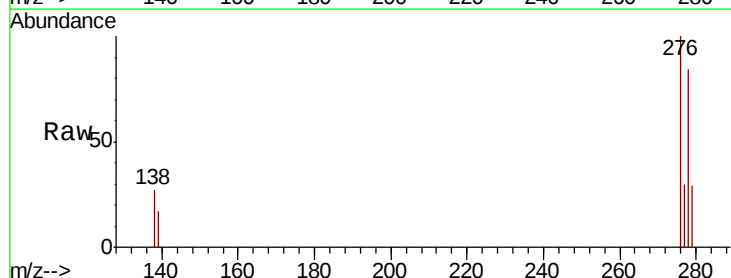
Tgt Ion:278 Resp: 3932

Ion Ratio Lower Upper

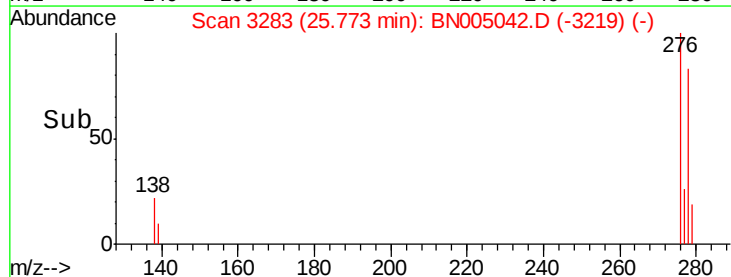
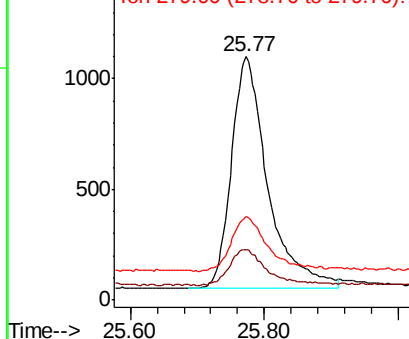
278 100

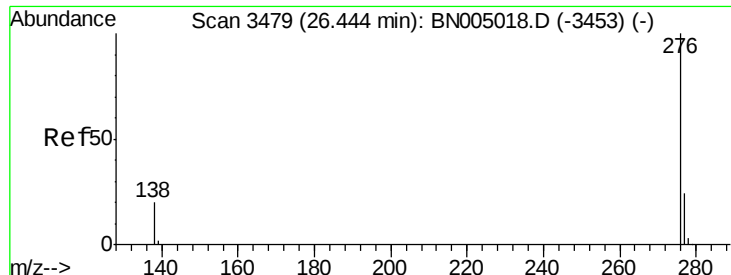
139 20.6 13.1 19.7#

279 34.5 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(a,h,i)perylene

Concen: 0.101 ng

RT: 26.46 min Scan# 3484

Delta R.T. 0.02 min

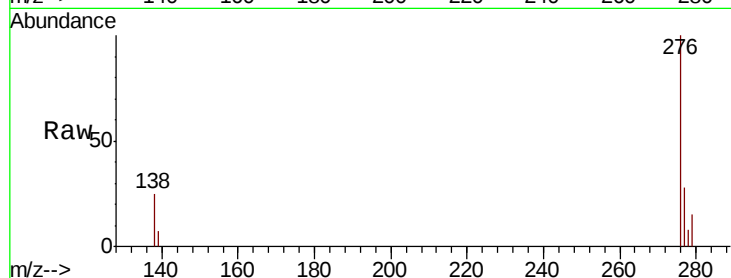
Lab File: BN005042.D

Acq: 01 Apr 2019 11:08

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 4270

Ion Ratio Lower Upper

276 100

277 27.7 19.8 29.6

138 25.0 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

