

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
 Data File : BN005038.D
 Acq On : 29 Mar 2019 17:39
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 29 23:50:59 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	2531	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	10893	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	6638	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	15942	0.40	ng	0.00
27) Chrysene-d12	21.26	240	18228	0.40	ng	0.00
34) Perylene-d12	23.50	264	17964	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2373	0.38	ng	0.00
5) Phenol-d6	6.85	99	2783	0.37	ng	0.00
8) Nitrobenzene-d5	8.83	82	2224	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	6699	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1236	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	10060	0.40	ng	0.01
25) Fluoranthene-d10	19.10	212	17378	0.38	ng	0.00
29) Terphenyl-d14	19.70	244	15086	0.40	ng	0.00

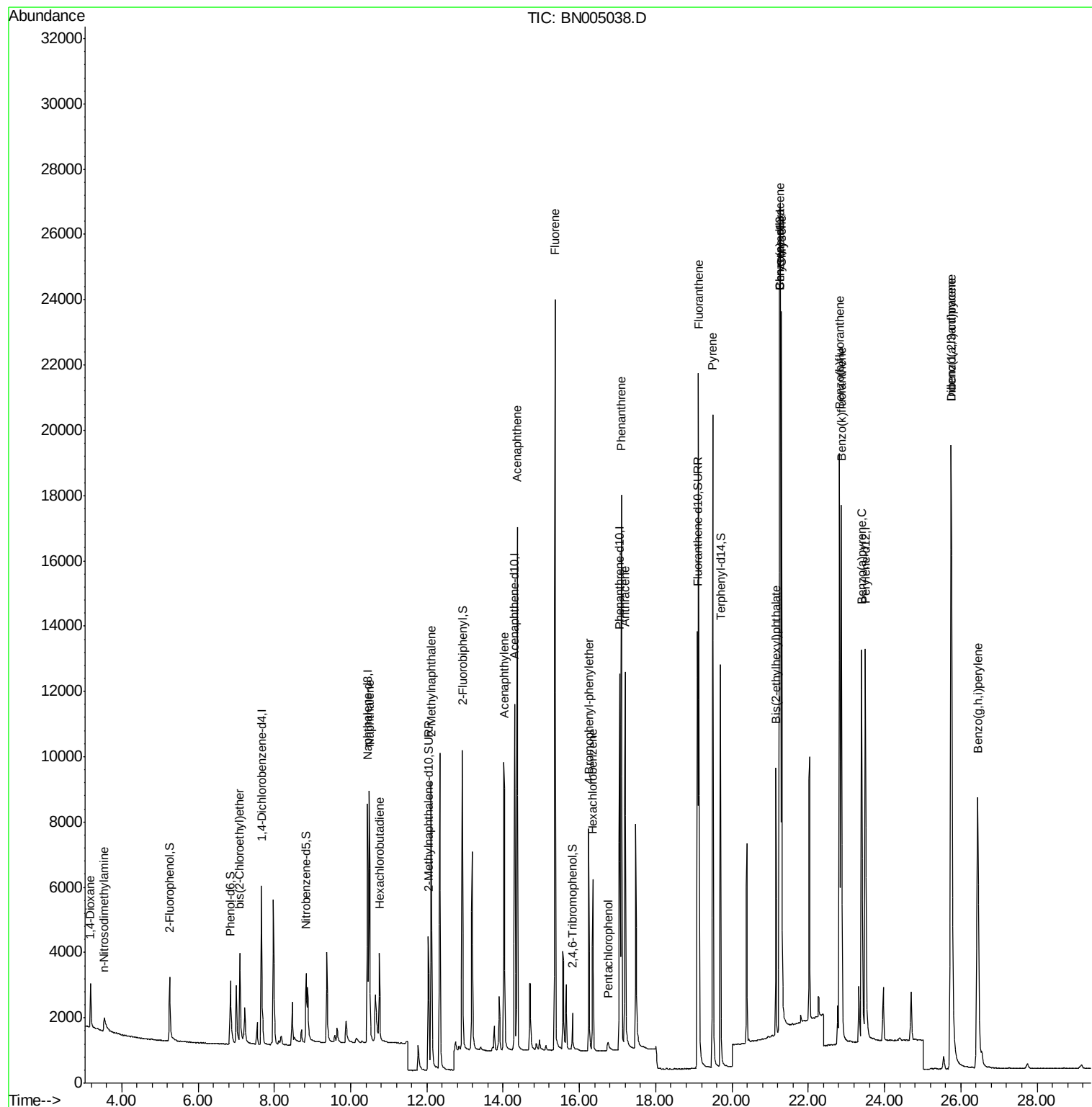
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1023	0.376	ng	96
3) n-Nitrosodimethylamine	3.54	42	495	0.298	ng	# 88
6) bis(2-Chloroethyl)ether	7.10	93	2596	0.367	ng	96
9) Naphthalene	10.49	128	11003	0.402	ng	100
10) Hexachlorobutadiene	10.76	225	2084	0.410	ng	# 100
12) 2-Methylnaphthalene	12.12	142	7771	0.393	ng	98
16) Acenaphthylene	14.02	152	11354	0.362	ng	99
17) Acenaphthene	14.37	154	7828	0.393	ng	99
18) Fluorene	15.36	166	10429	0.391	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	3542	0.388	ng	99
21) Hexachlorobenzene	16.36	284	4098	0.407	ng	99
22) Pentachlorophenol	16.75	266	384	0.276	ng	88
23) Phenanthrene	17.10	178	17593	0.394	ng	100
24) Anthracene	17.20	178	14596	0.367	ng	100
26) Fluoranthene	19.13	202	20923	0.383	ng	100
28) Pyrene	19.49	202	20985	0.405	ng	100
30) Benzo(a)anthracene	21.25	228	18407	0.358	ng	99
31) Chrysene	21.30	228	22729	0.410	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	6888	0.320	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	24636	0.395	ng	99
35) Benzo(b)fluoranthene	22.82	252	23087	0.401	ng	100
36) Benzo(k)fluoranthene	22.87	252	22567	0.405	ng	99
37) Benzo(a)pyrene	23.40	252	20176	0.394	ng	99
38) Dibenzo(a,h)anthracene	25.76	278	19961	0.390	ng	99
39) Benzo(g,h,i)perylene	26.44	276	20478	0.397	ng	99

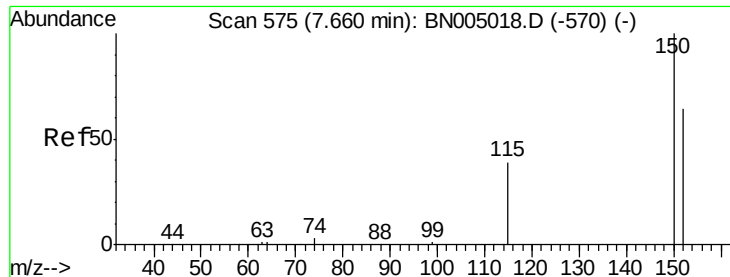
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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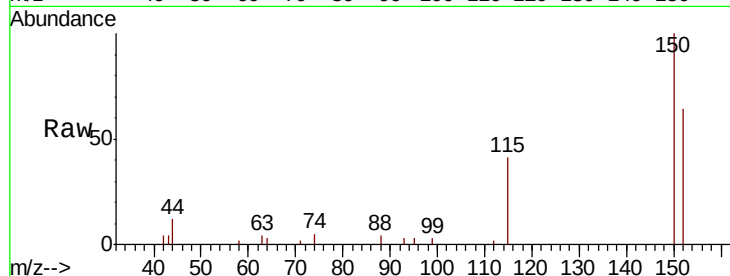




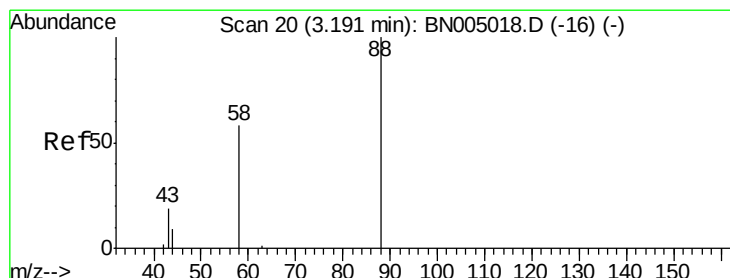
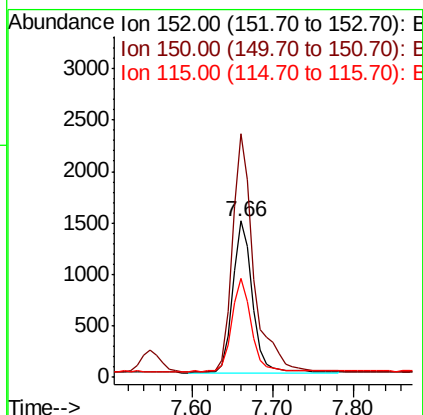
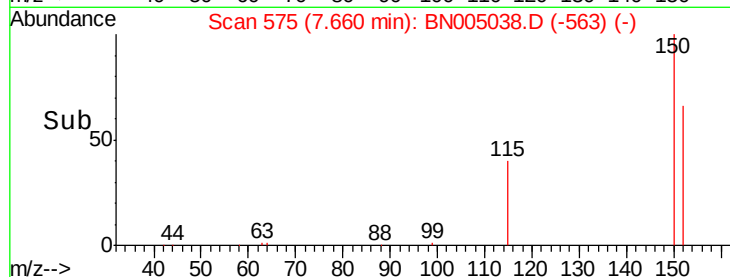
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BN005038.D
 Acq: 29 Mar 2019 17:39

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:152 Resp: 2531
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.4 185.2
 115 63.5 50.0 75.0

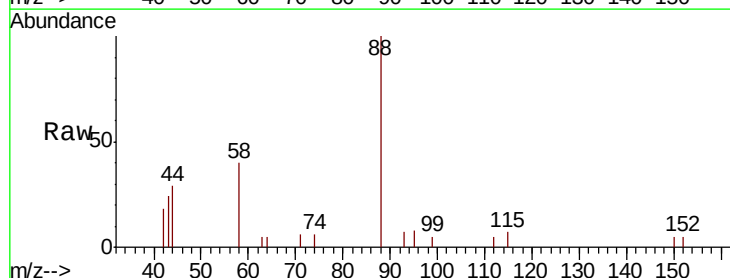


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

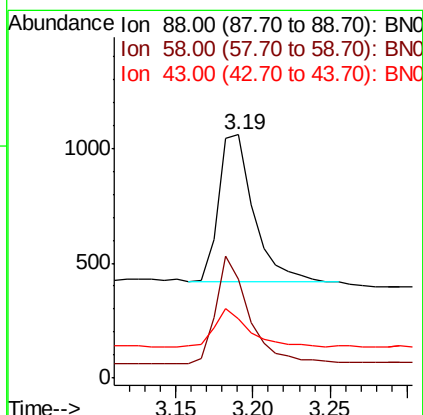
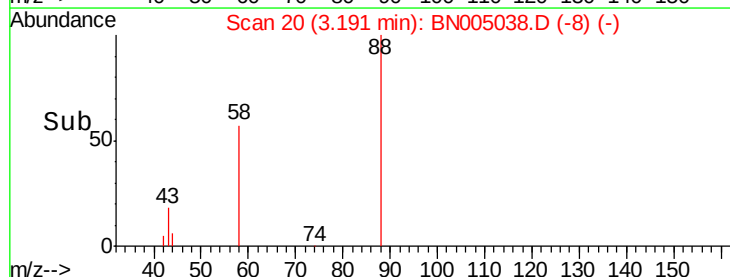


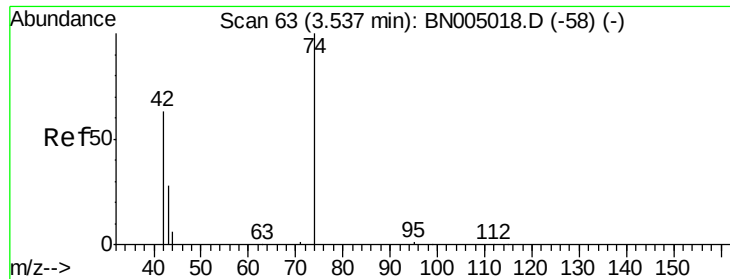
#2
 1,4-Dioxane
 Concen: 0.376 ng
 RT: 3.19 min Scan# 20
 Delta R.T. 0.00 min
 Lab File: BN005038.D
 Acq: 29 Mar 2019 17:39

Tgt Ion: 88 Resp: 1023
 Ion Ratio Lower Upper
 88 100
 58 70.0 52.8 79.2
 43 24.7 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



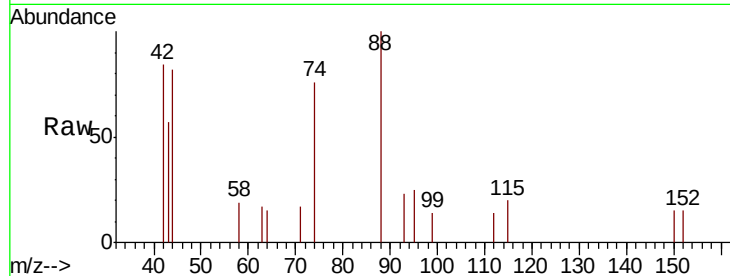


#3

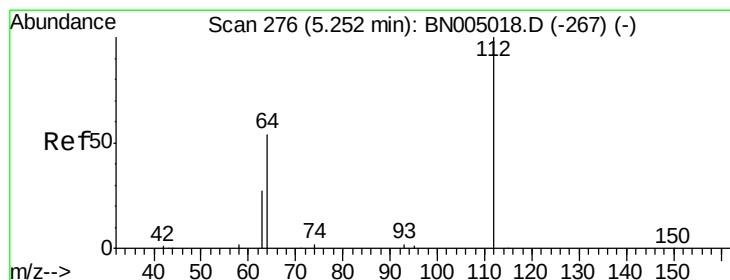
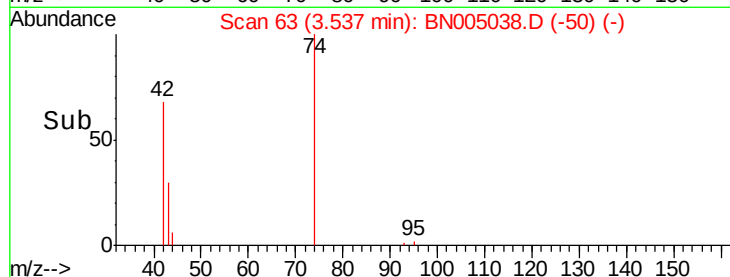
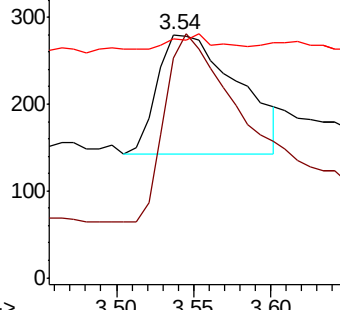
n-Nitrosodimethylamine
 Concen: 0.298 ng
 RT: 3.54 min Scan# 63
 Delta R.T. 0.00 min
 Lab File: BN005038.D
 Acq: 29 Mar 2019 17:39

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 495
 Ion Ratio Lower Upper
 42 100
 74 146.7 129.1 193.7
 44 6.5 11.6 17.4#



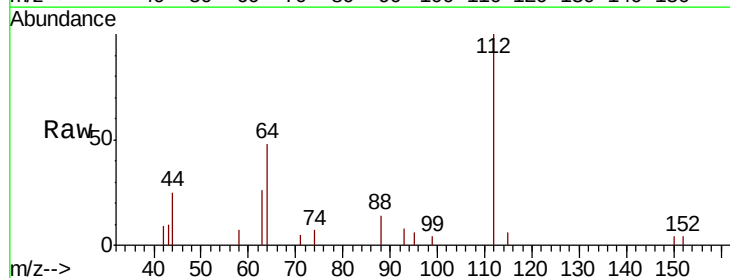
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



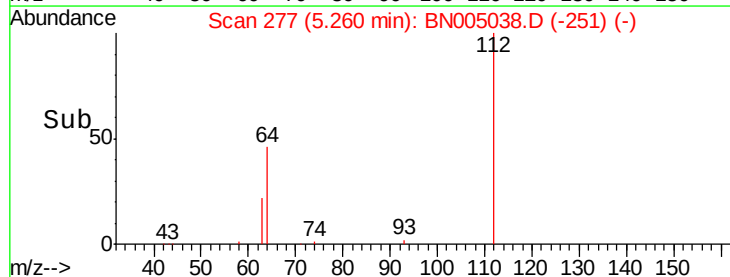
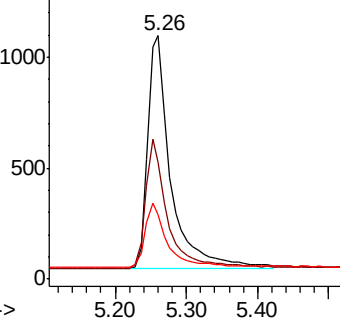
#4

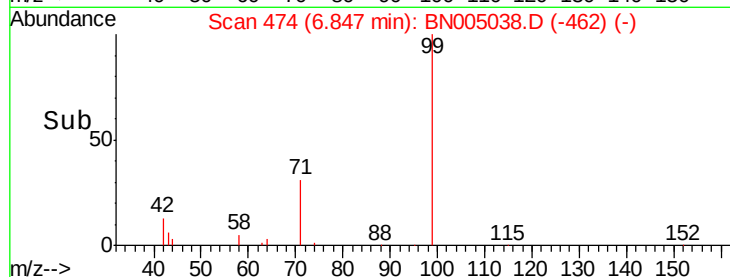
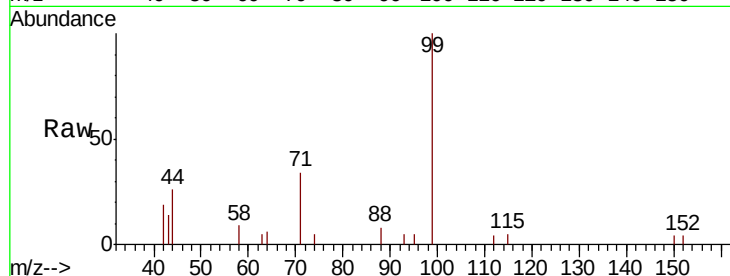
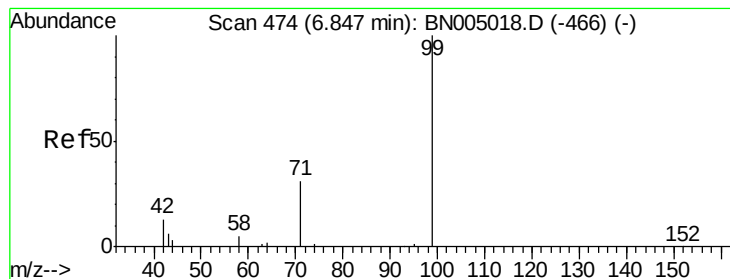
2-Fluorophenol
 Concen: 0.376 ng
 RT: 5.26 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BN005038.D
 Acq: 29 Mar 2019 17:39

Tgt Ion: 112 Resp: 2373
 Ion Ratio Lower Upper
 112 100
 64 53.1 41.9 62.9
 63 26.6 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: 0.372 ng

RT: 6.85 min Scan# 474

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

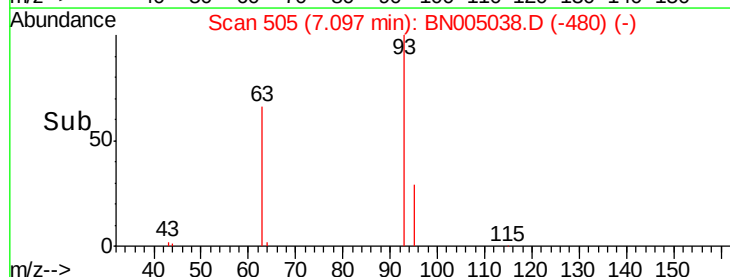
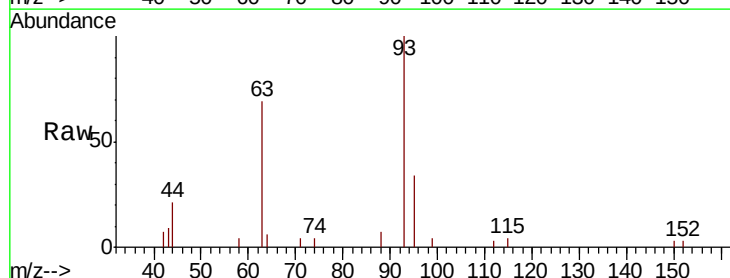
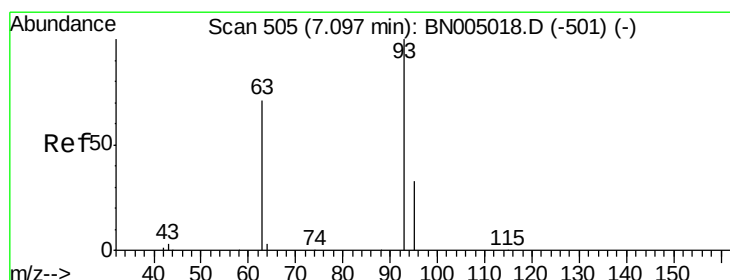
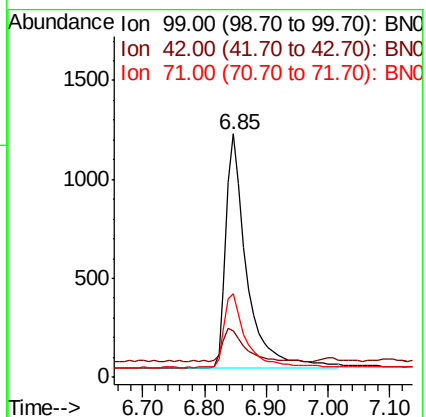
Tot Ion: 99 Resp: 2783

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

71 32.3 26.1 39.1



#6

bis(2-Chloroethyl)ether

Concen: 0.367 ng

RT: 7.10 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

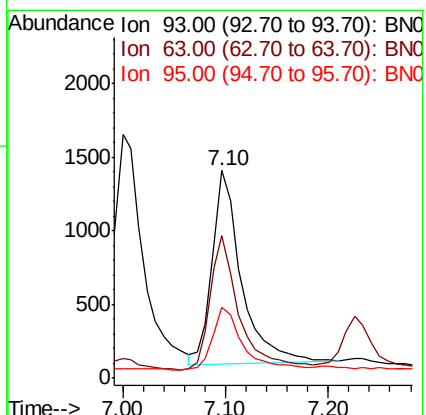
Tgt Ion: 93 Resp: 2596

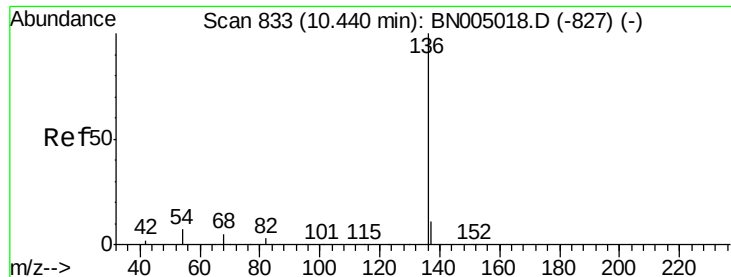
Ion Ratio Lower Upper

93 100

63 68.4 51.8 77.6

95 32.7 24.8 37.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 10893

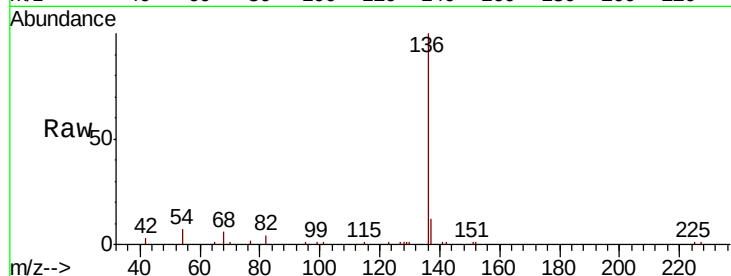
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 7.3 6.0 9.0

68 6.3 5.0 7.6

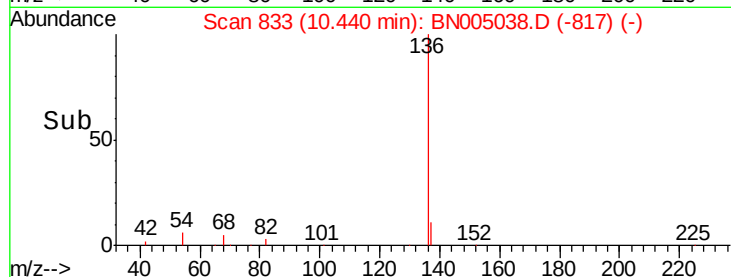


Abundance Ion 136.00 (135.70 to 136.70): E

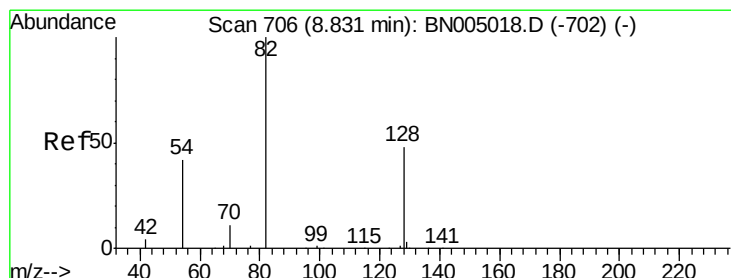
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.352 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

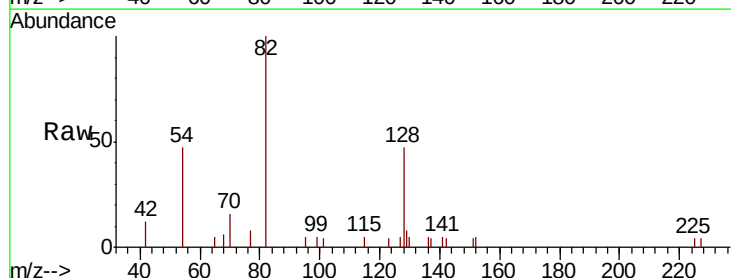
Tgt Ion: 82 Resp: 2224

Ion Ratio Lower Upper

82 100

128 46.8 40.5 60.7

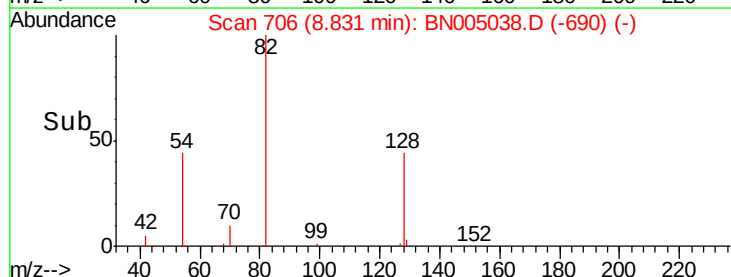
54 46.7 35.7 53.5



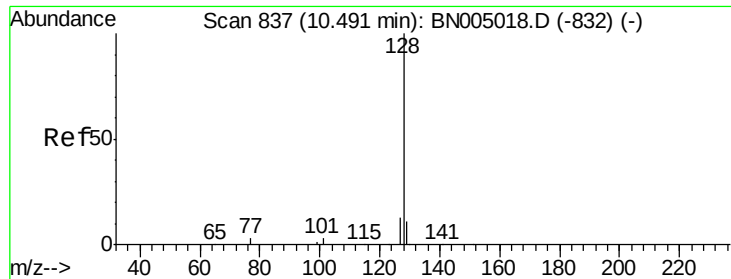
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.402 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

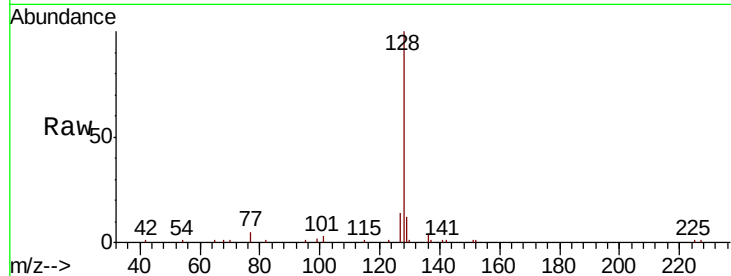
Tot Ion:128 Resp: 11003

Ion Ratio Lower Upper

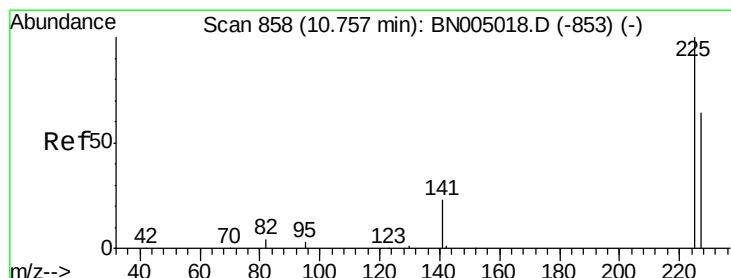
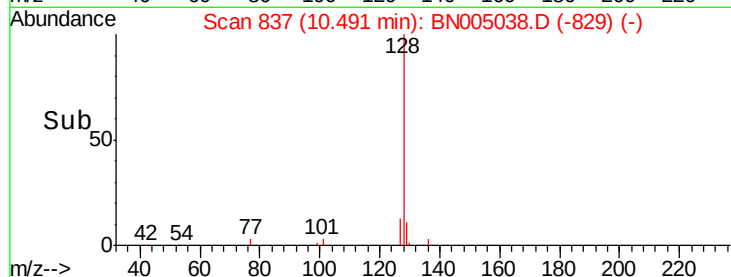
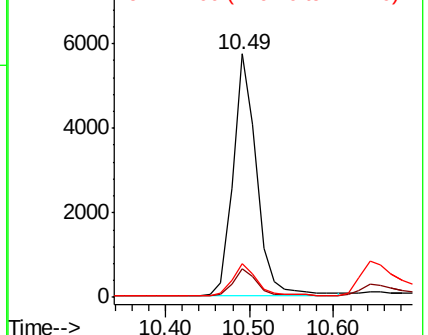
128 100

129 11.6 9.4 14.2

127 14.0 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: 0.410 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

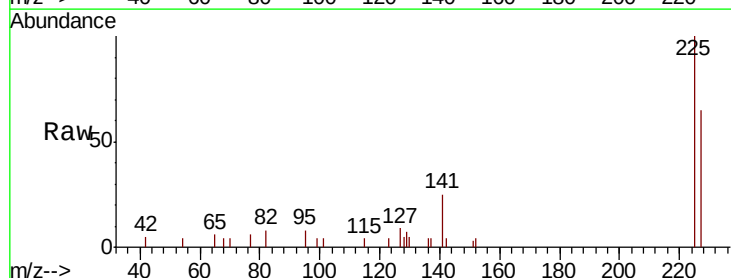
Tgt Ion:225 Resp: 2084

Ion Ratio Lower Upper

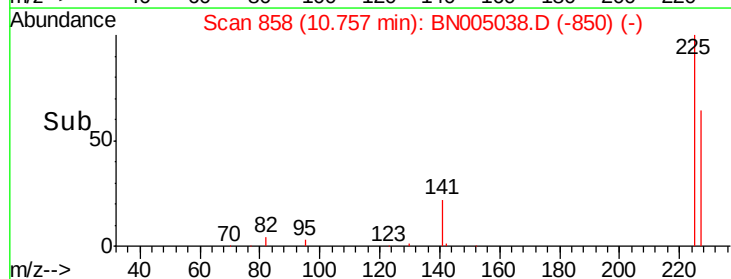
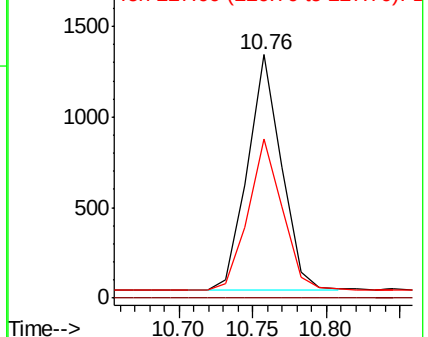
225 100

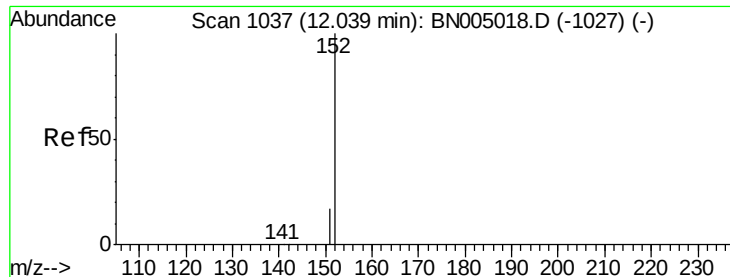
223 0.0 0.0 0.0

227 64.8 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

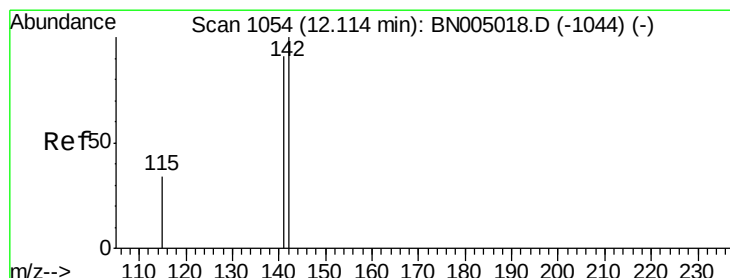
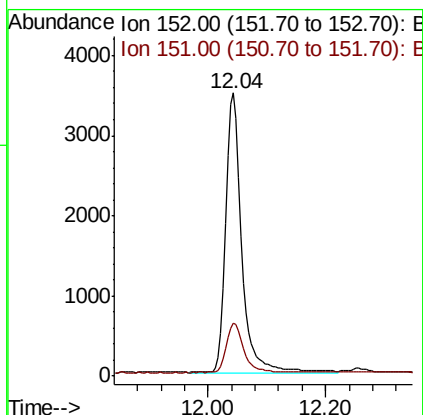
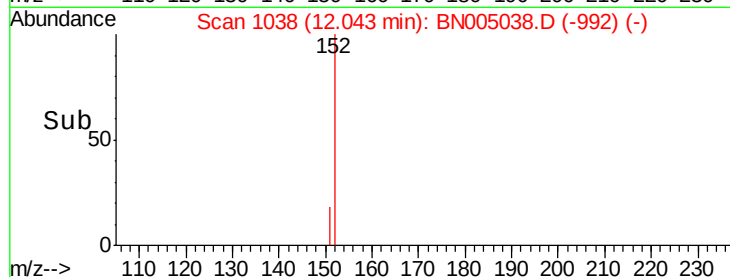
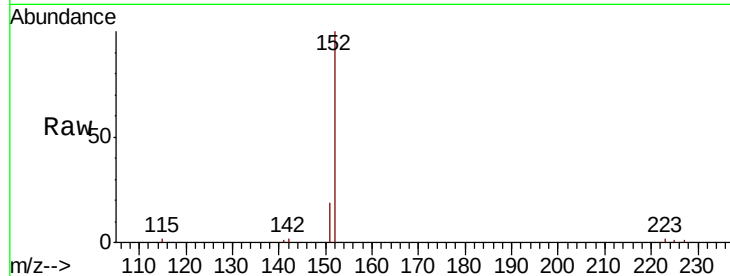




#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.04 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

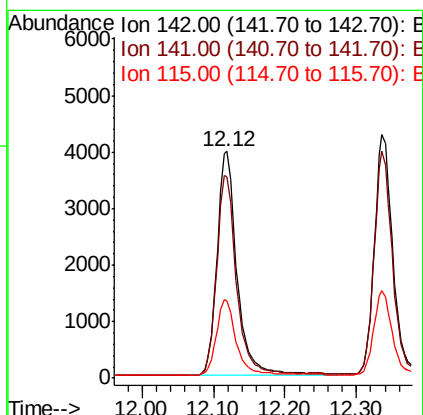
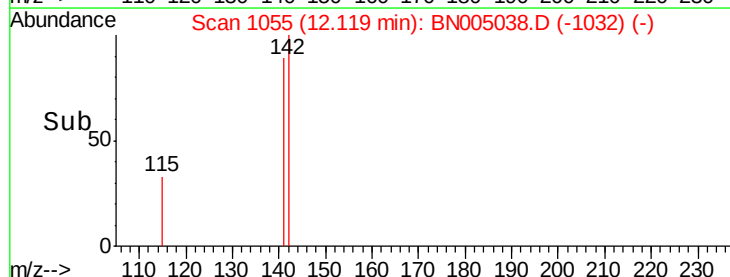
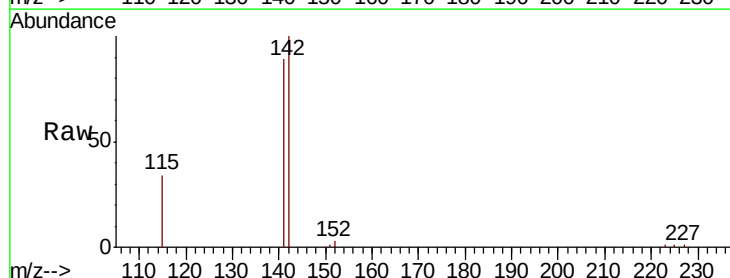
Instrument :
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SSTDCCC0.4EC

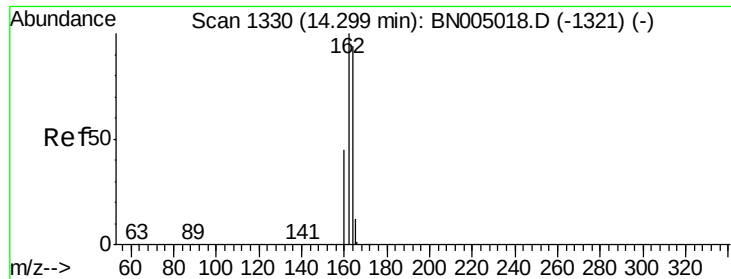
Tot Ion:152 Resp: 6699
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.12 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:142 Resp: 7771
Ion Ratio Lower Upper
142 100
141 88.9 72.6 108.8
115 33.9 27.8 41.8

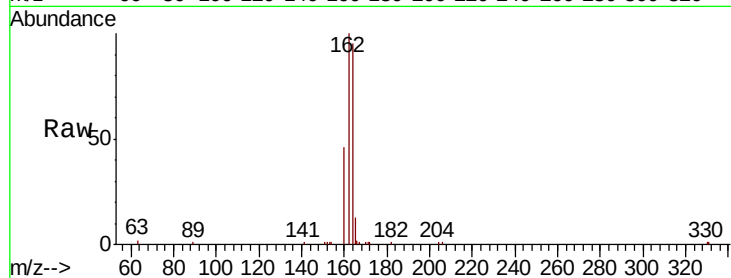




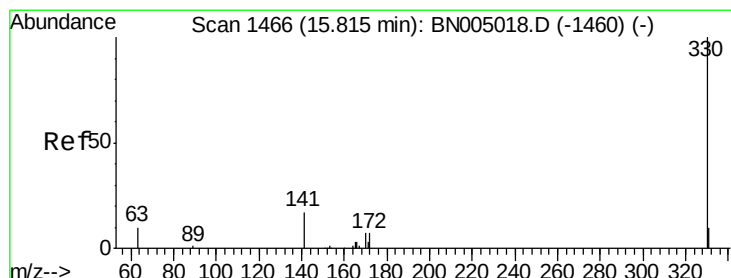
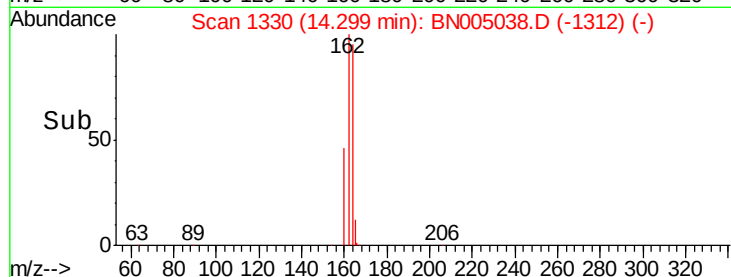
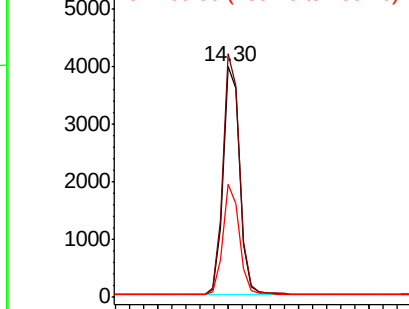
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 6638
Ion Ratio Lower Upper
164 100
162 105.6 85.3 127.9
160 48.8 39.2 58.8

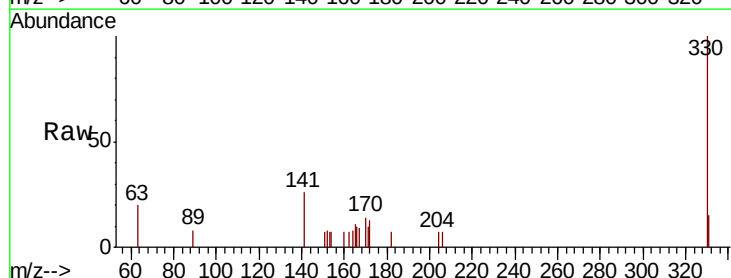


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

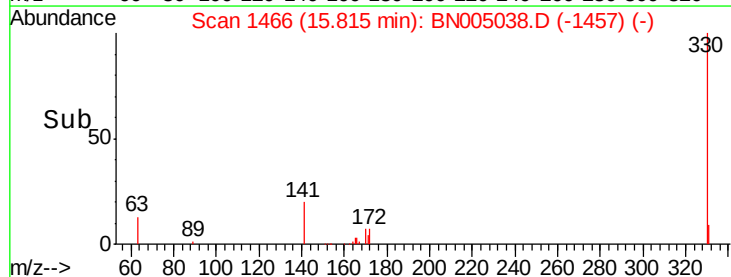
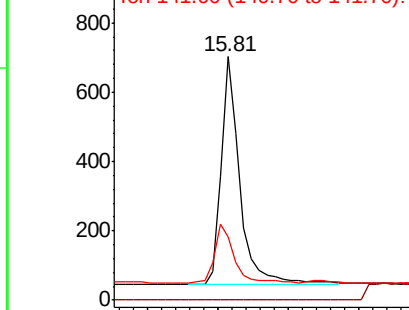


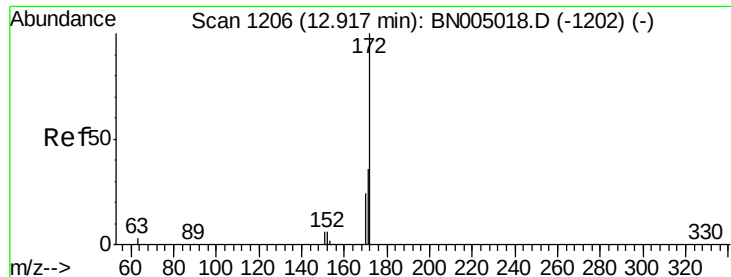
#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 15.81 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:330 Resp: 1236
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 26.5 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

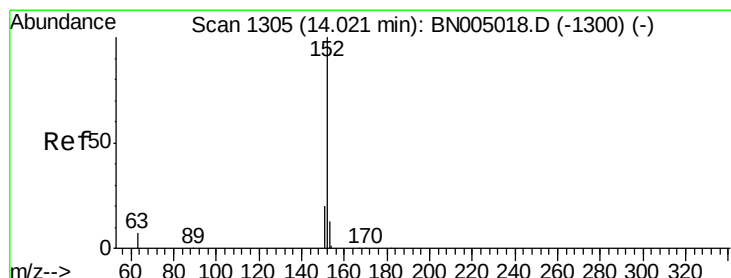
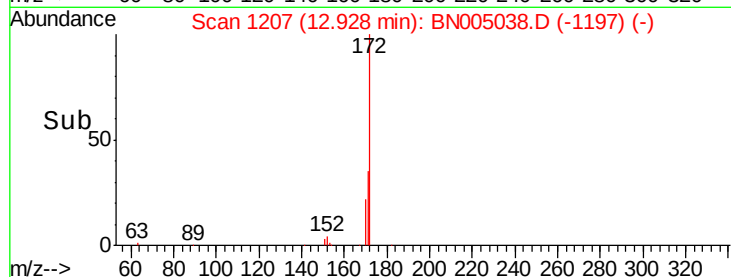
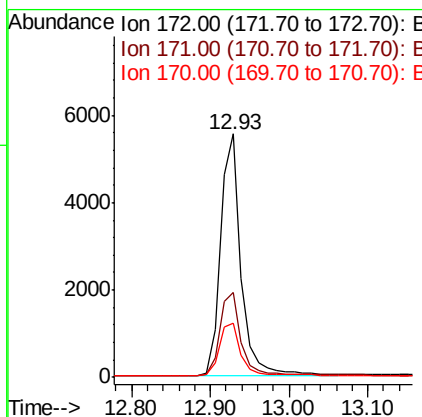
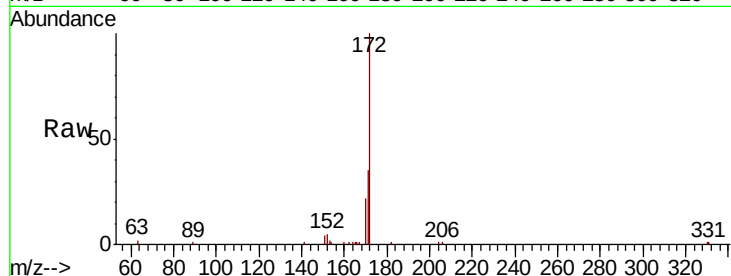




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

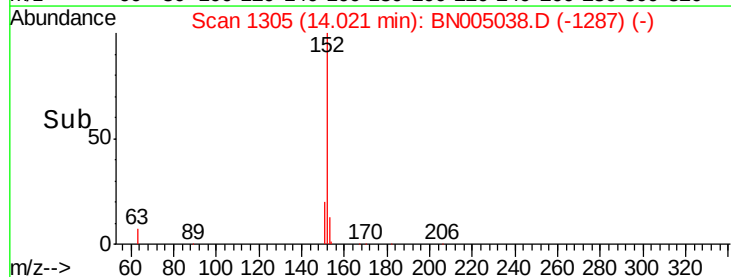
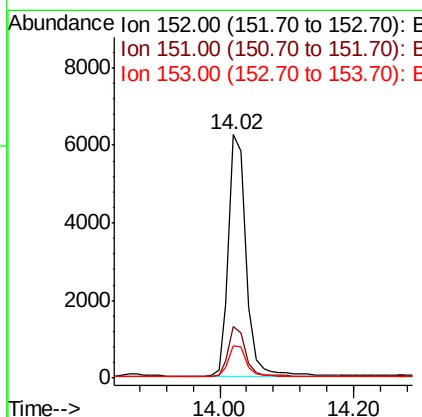
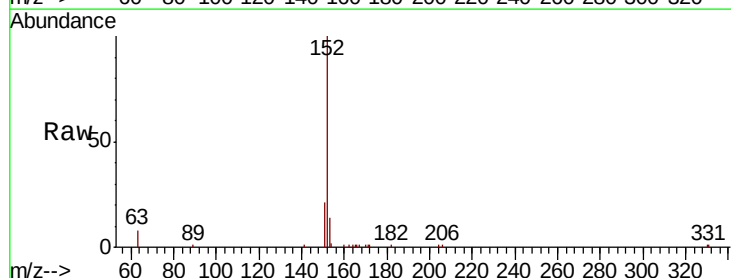
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

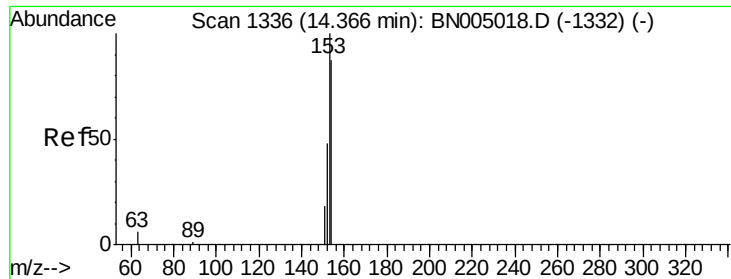
Tot Ion:172 Resp: 10060
Ion Ratio Lower Upper
172 100
171 35.0 29.4 44.0
170 22.2 20.0 30.0



#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:152 Resp: 11354
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.393 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

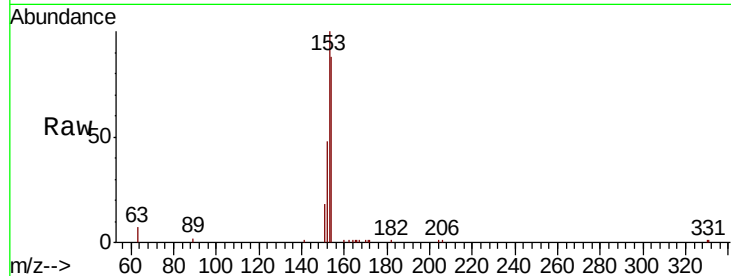
Tot Ion:154 Resp: 7828

Ion Ratio Lower Upper

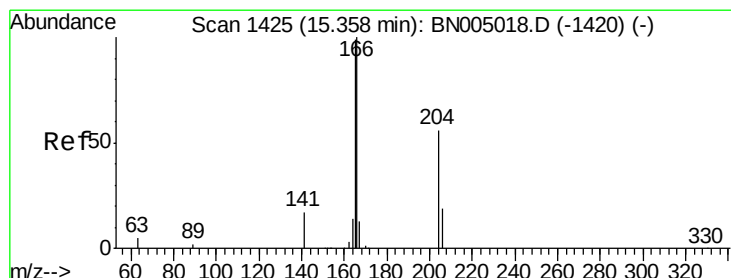
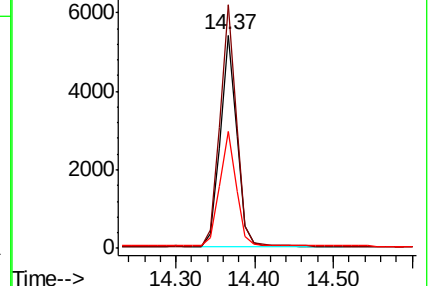
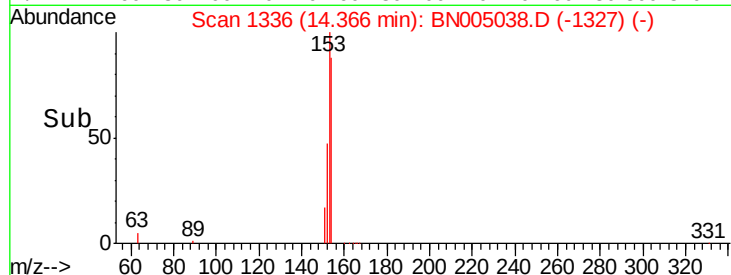
154 100

153 114.4 92.1 138.1

152 54.9 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.391 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

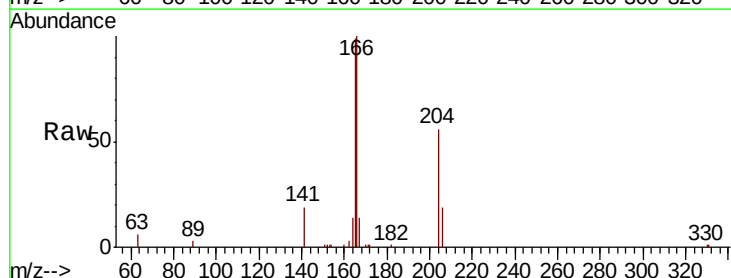
Tgt Ion:166 Resp: 10429

Ion Ratio Lower Upper

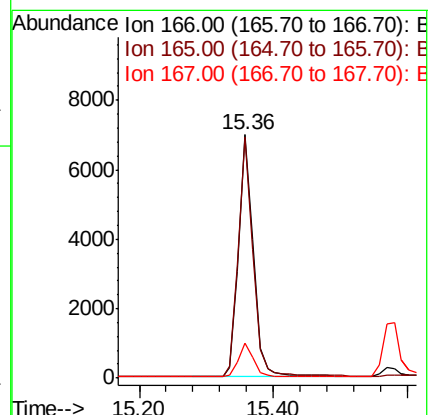
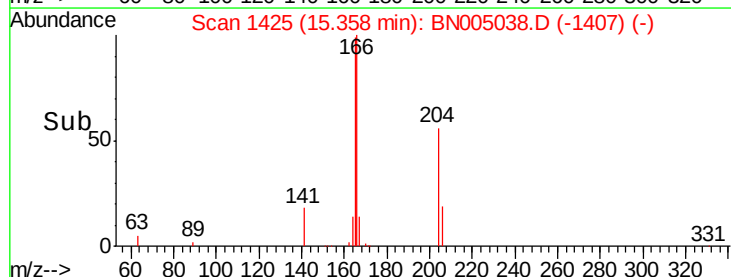
166 100

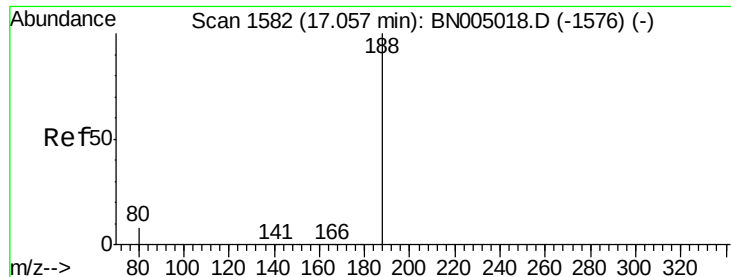
165 98.8 78.7 118.1

167 13.7 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: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

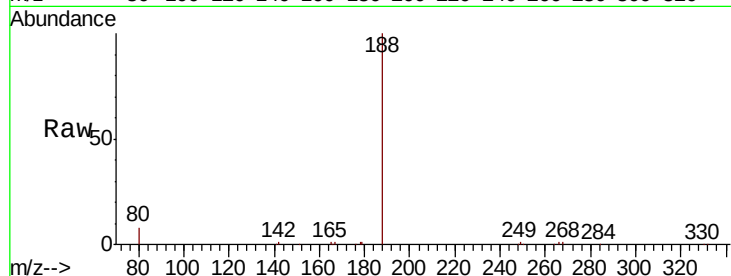
Tot Ion:188 Resp: 15942

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

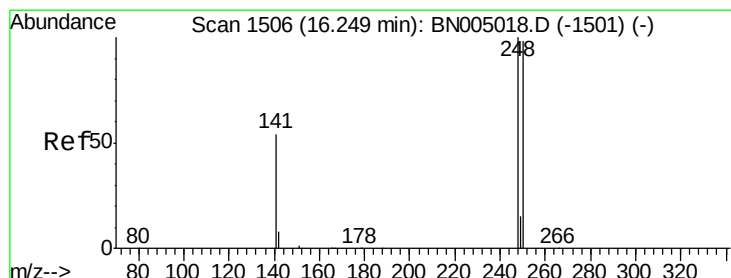
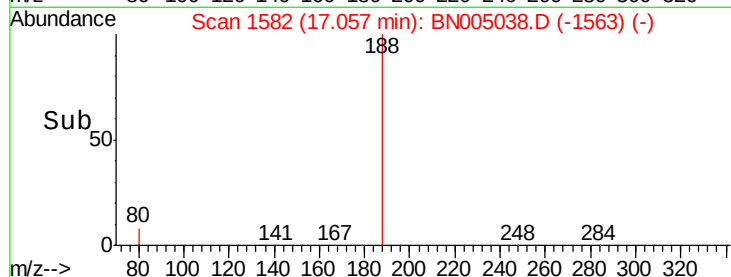
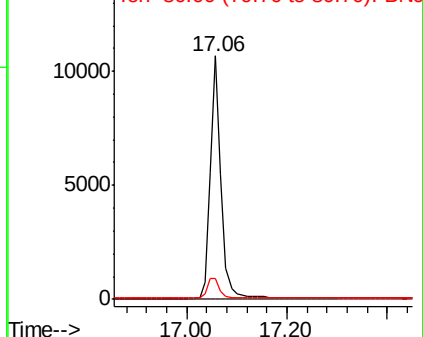
80 8.5 6.9 10.3



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: 0.388 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

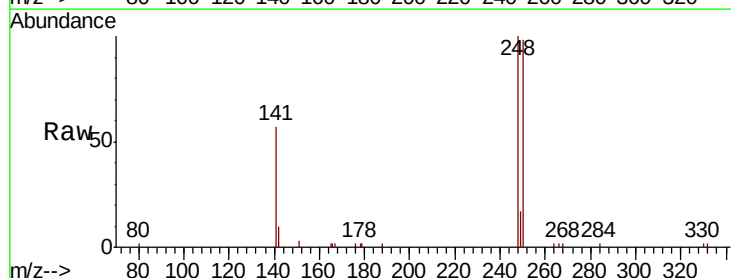
Tgt Ion:248 Resp: 3542

Ion Ratio Lower Upper

248 100

250 98.1 78.6 117.8

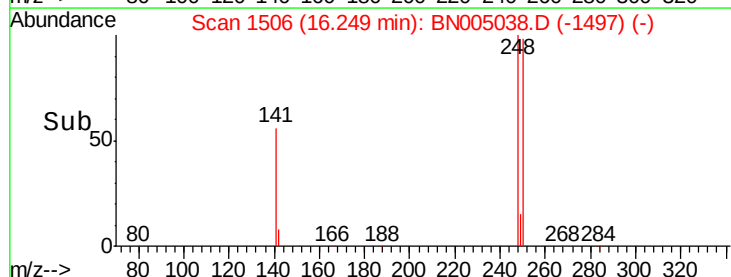
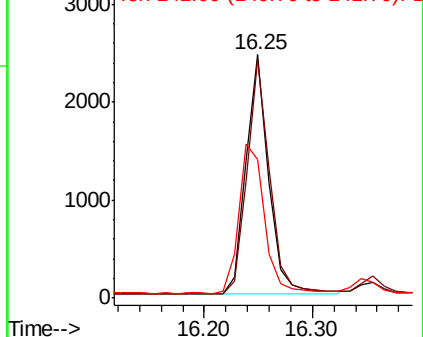
141 57.1 43.6 65.4

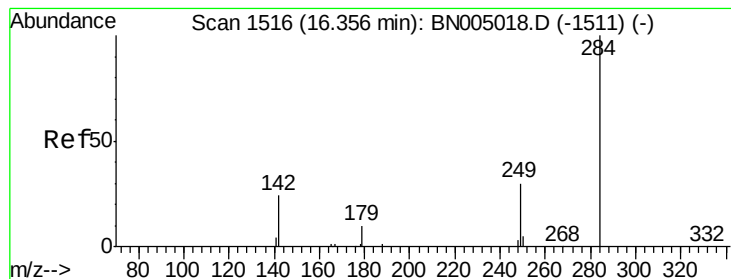


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

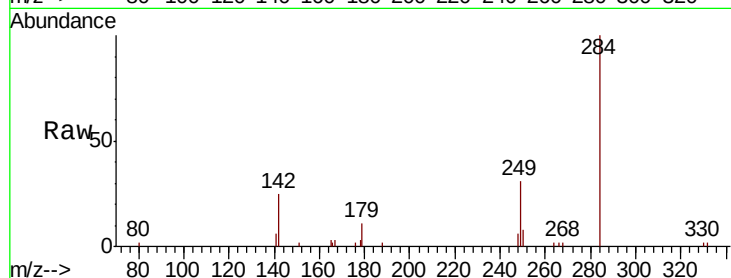
Tot Ion:284 Resp: 4098

Ion Ratio Lower Upper

284 100

142 30.5 24.9 37.3

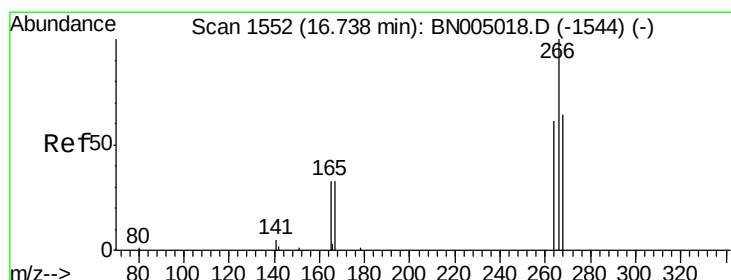
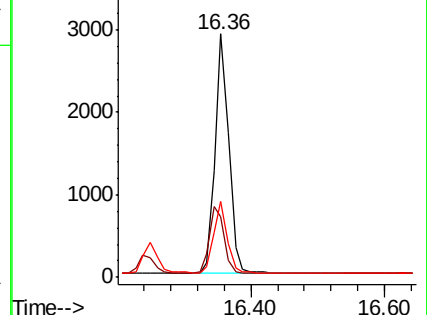
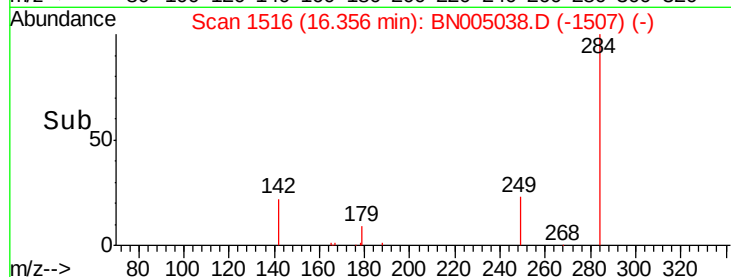
249 29.1 23.8 35.6



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: 0.276 ng

RT: 16.75 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

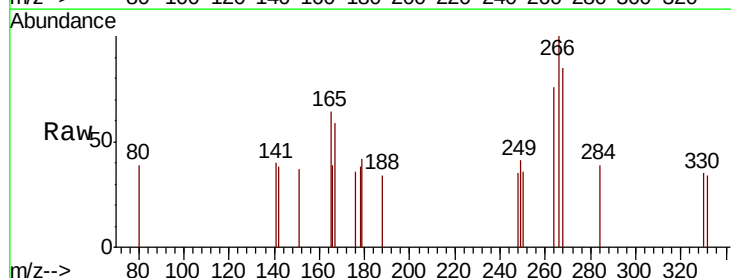
Tgt Ion:266 Resp: 384

Ion Ratio Lower Upper

266 100

264 75.8 53.4 80.0

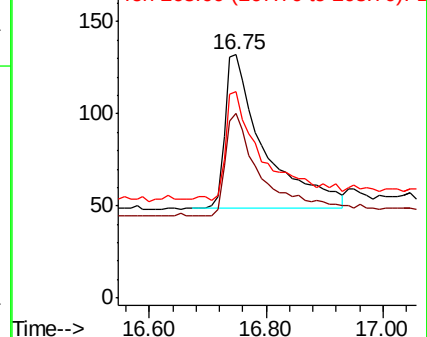
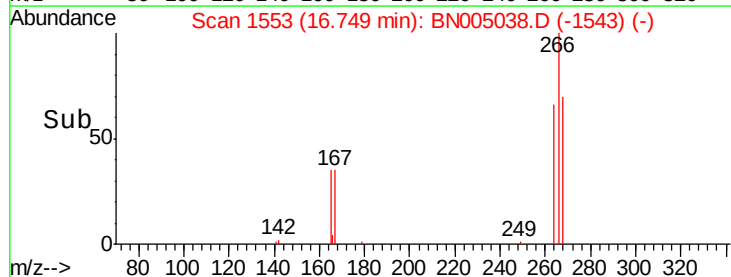
268 84.8 58.9 88.3

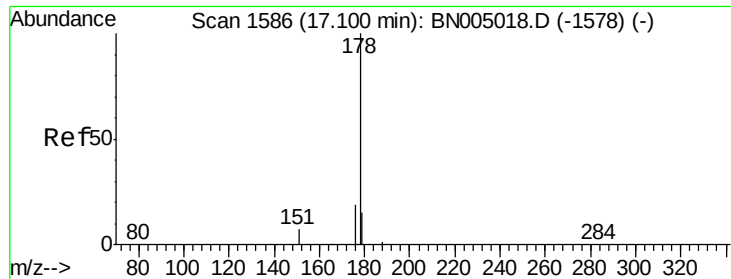


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.394 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

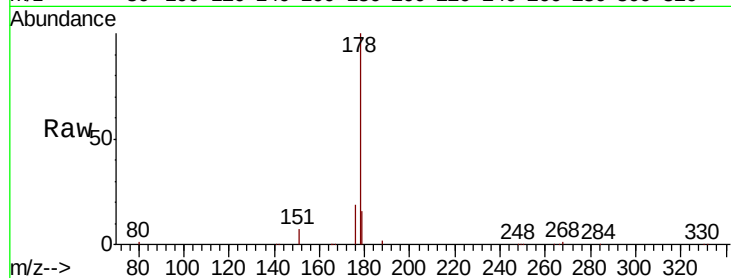
Tot Ion:178 Resp: 17593

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

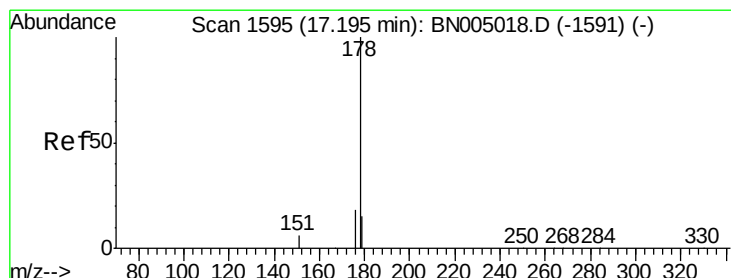
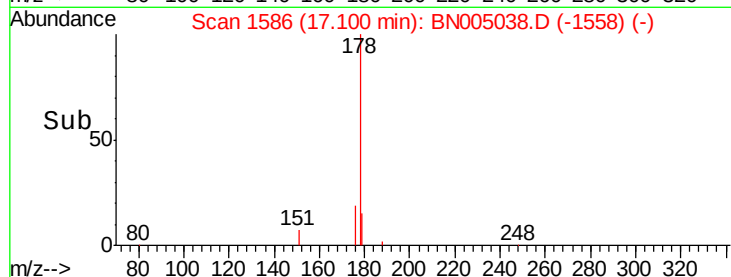
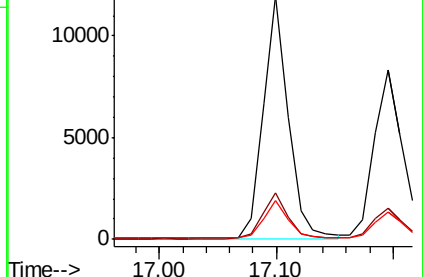
179 15.3 12.2 18.2



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: 0.367 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

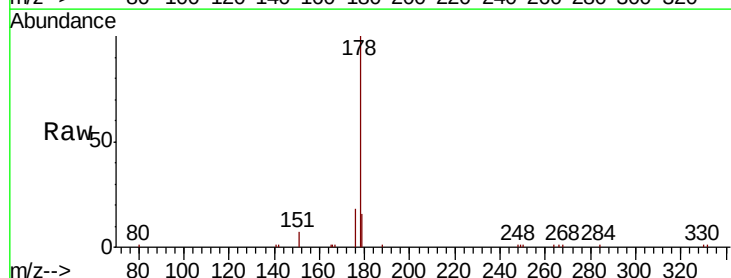
Tgt Ion:178 Resp: 14596

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

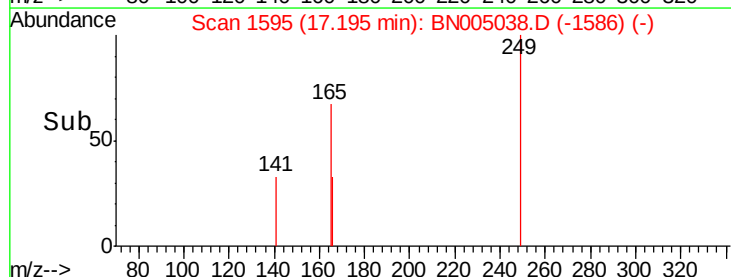
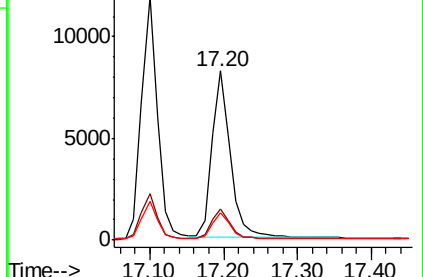
179 15.3 12.3 18.5

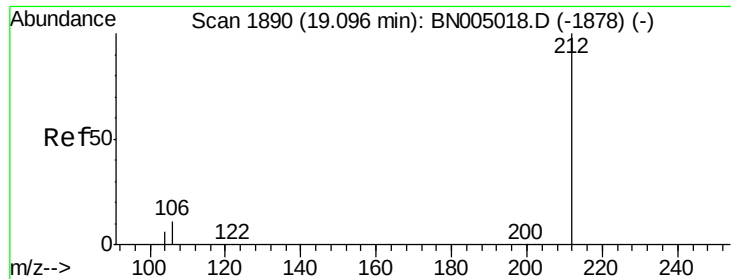


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

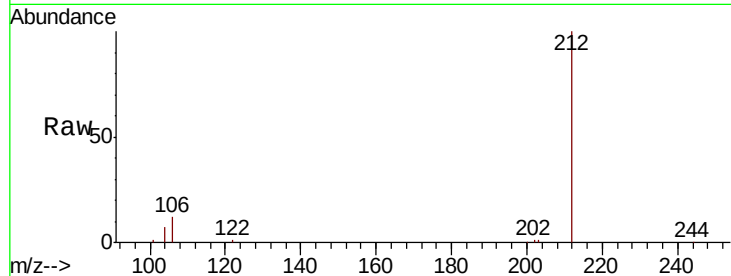
Tot Ion:212 Resp: 17378

Ion Ratio Lower Upper

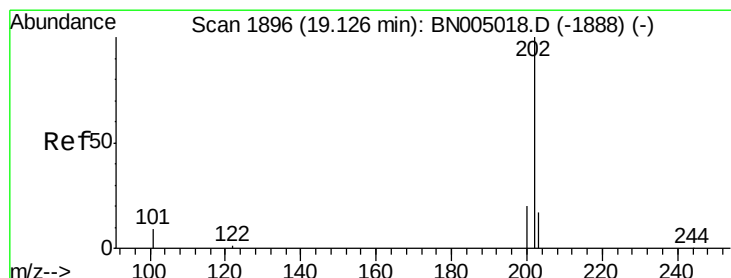
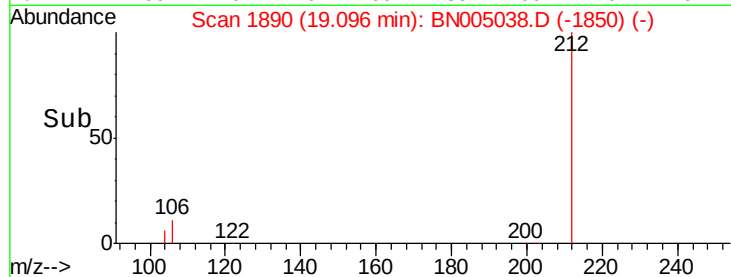
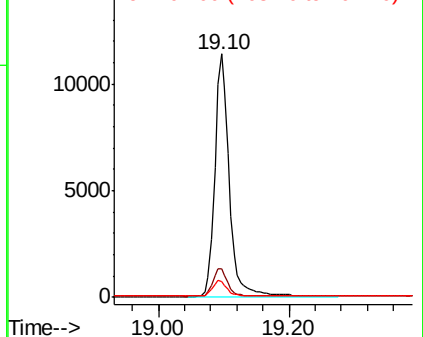
212 100

106 11.9 9.4 14.2

104 6.5 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: 0.383 ng

RT: 19.13 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

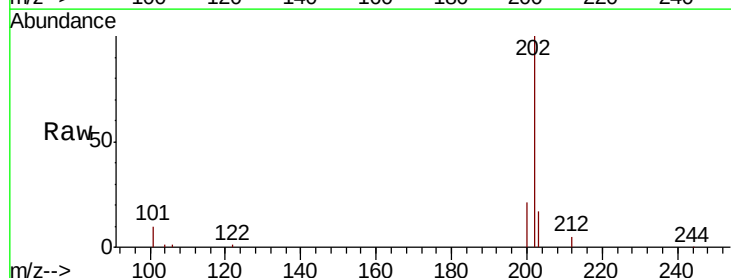
Tgt Ion:202 Resp: 20923

Ion Ratio Lower Upper

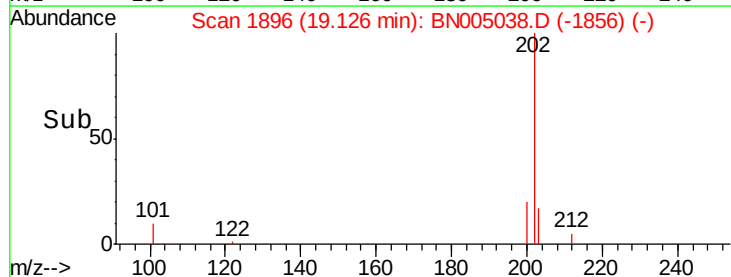
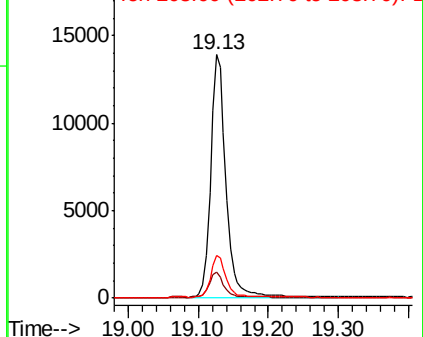
202 100

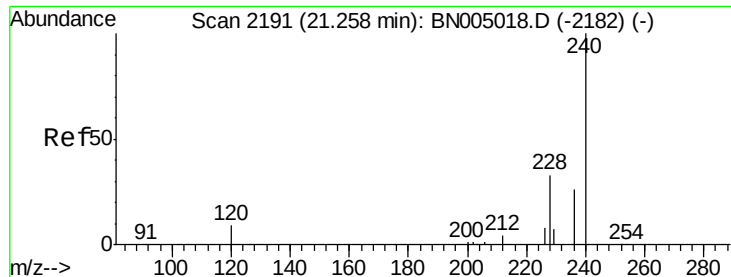
101 10.3 8.2 12.2

203 17.1 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: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

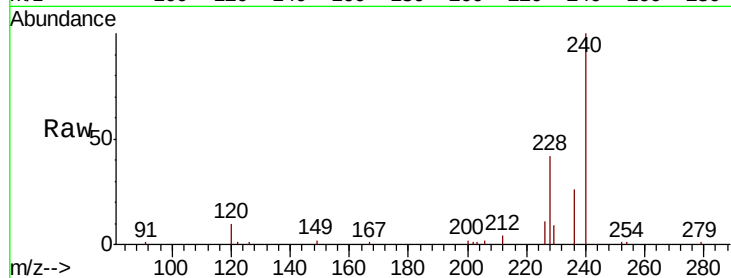
Tot Ion:240 Resp: 18228

Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.0

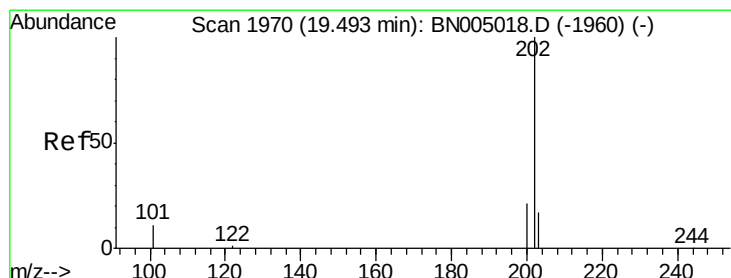
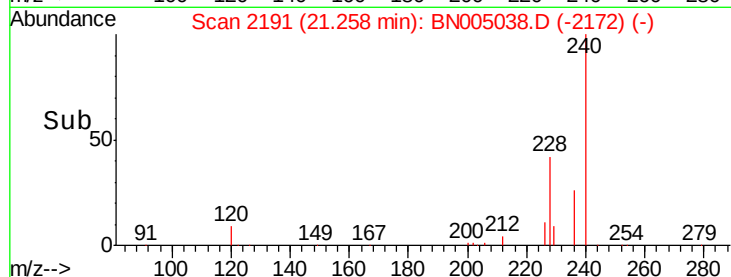
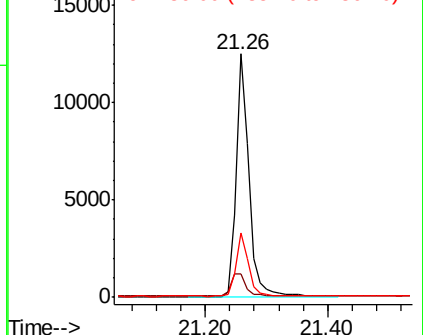
236 26.3 21.0 31.6



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: 0.405 ng

RT: 19.49 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

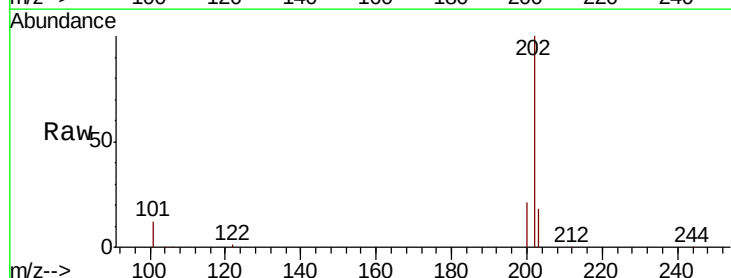
Tgt Ion:202 Resp: 20985

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

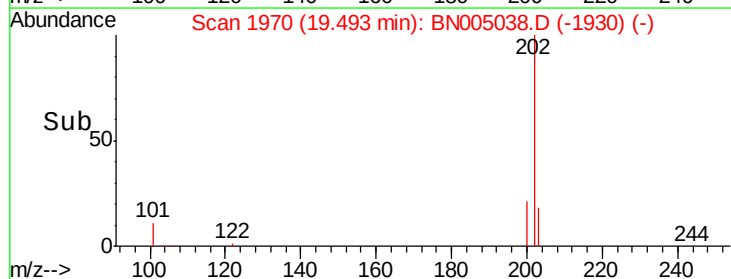
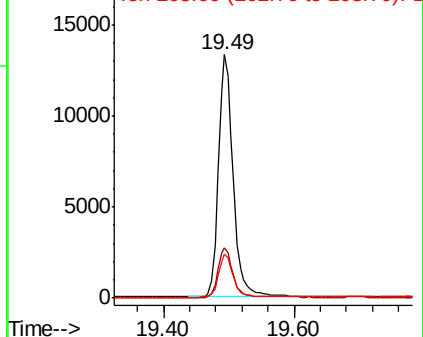
203 17.6 13.9 20.9

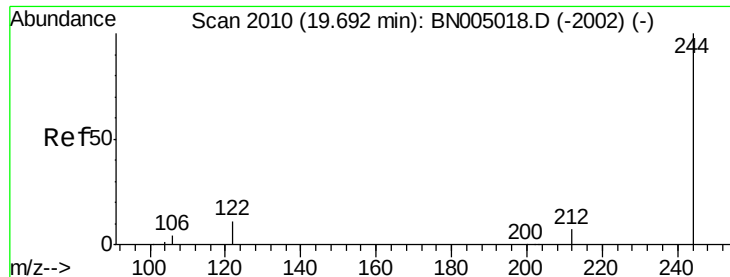


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

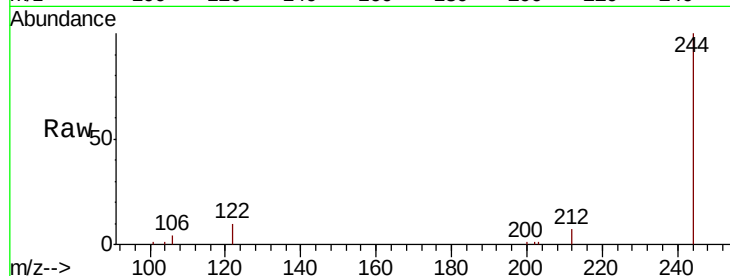




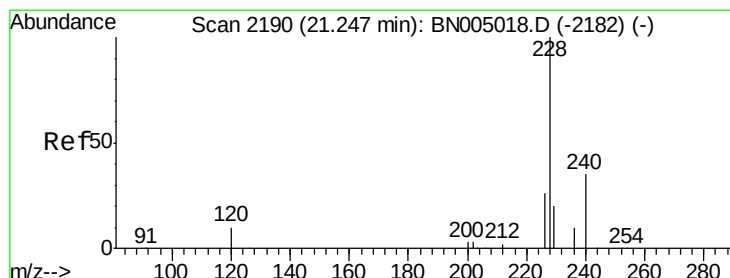
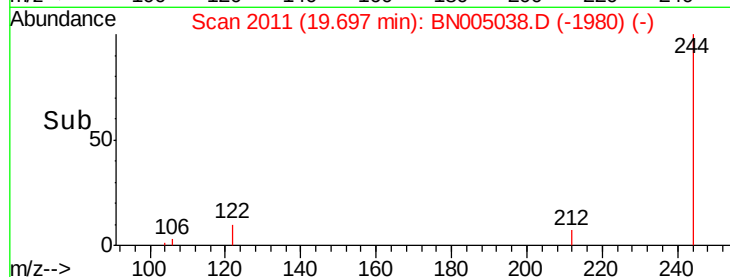
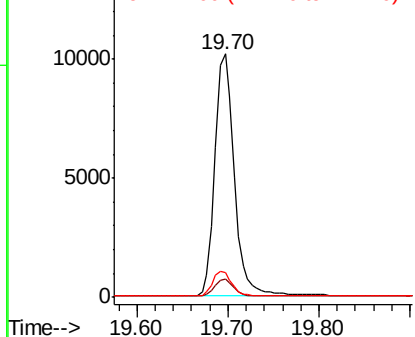
#29
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 19.70 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BN005038.D
 Acq: 29 Mar 2019 17:39

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:244 Resp: 15086
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.3 9.0 13.4

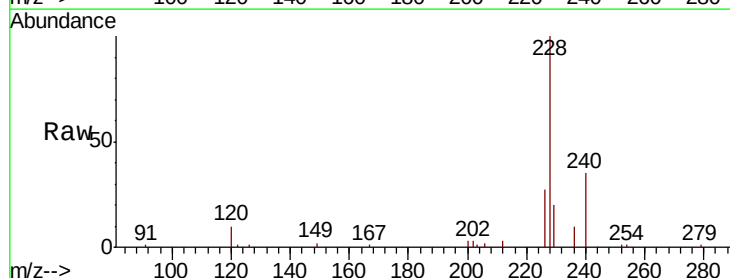


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

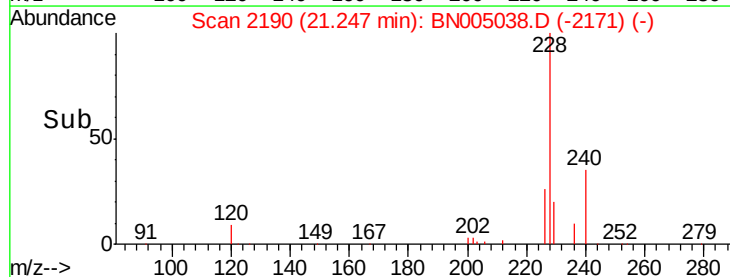
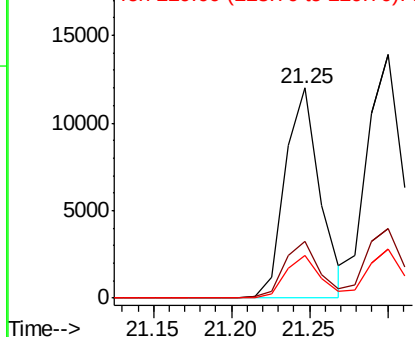


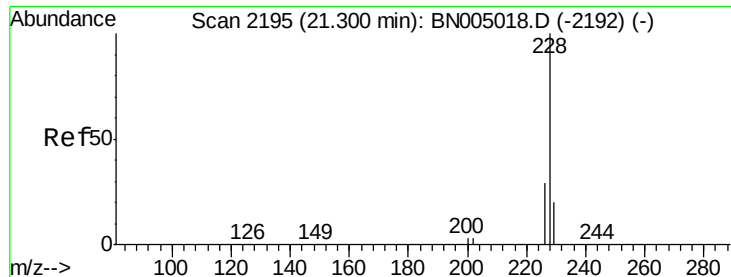
#30
 Benzo(a)anthracene
 Concen: 0.358 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BN005038.D
 Acq: 29 Mar 2019 17:39

Tgt Ion:228 Resp: 18407
 Ion Ratio Lower Upper
 228 100
 226 26.8 20.9 31.3
 229 20.5 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: 0.410 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

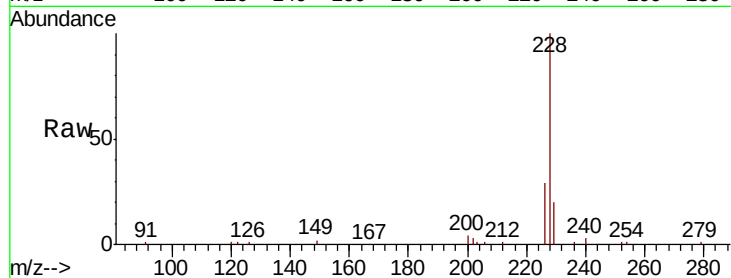
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 22729

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.8	34.2
229	20.0	16.2	24.4

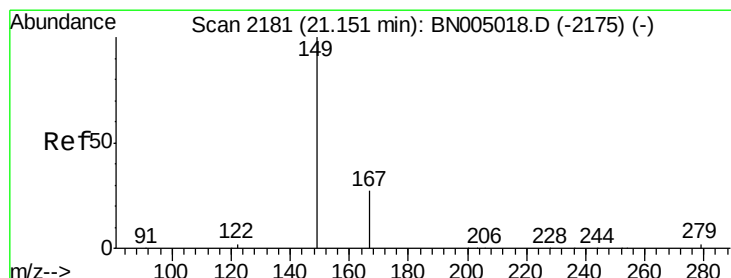
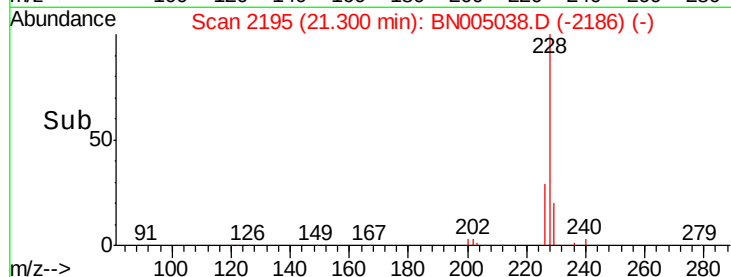
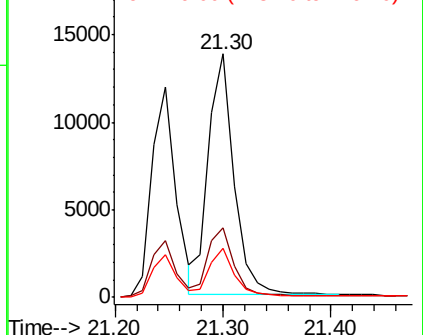


Abundance

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: 0.320 ng

RT: 21.15 min Scan# 2181

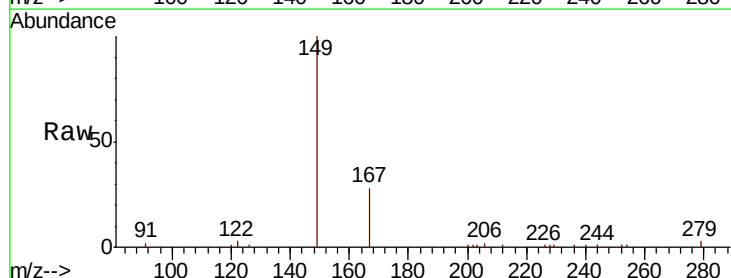
Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

Tgt Ion:149 Resp: 6888

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	5.4	4.2	6.4

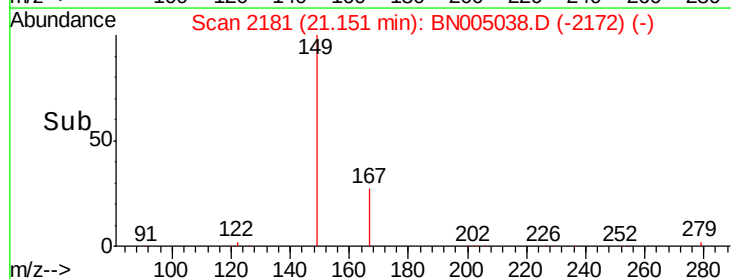
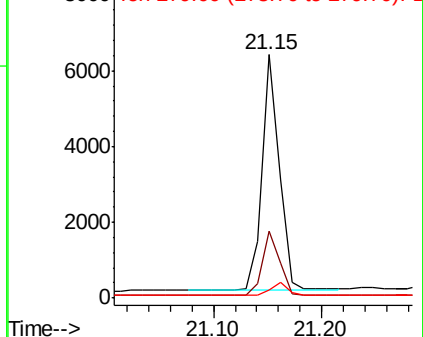


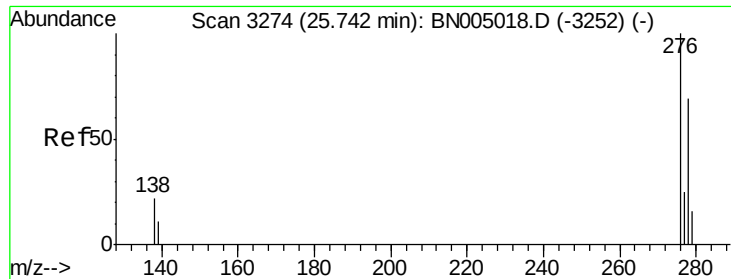
Abundance

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

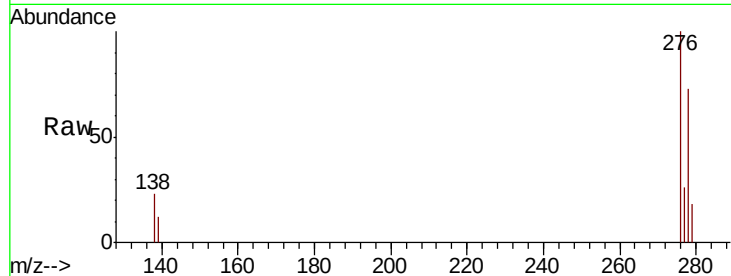




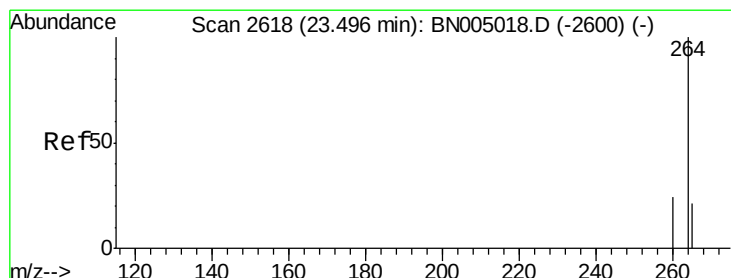
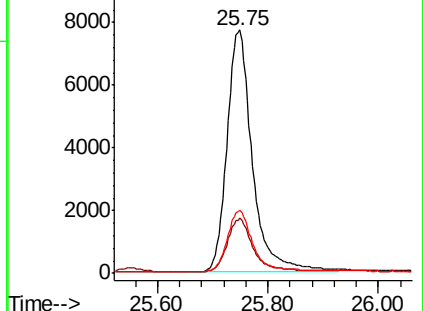
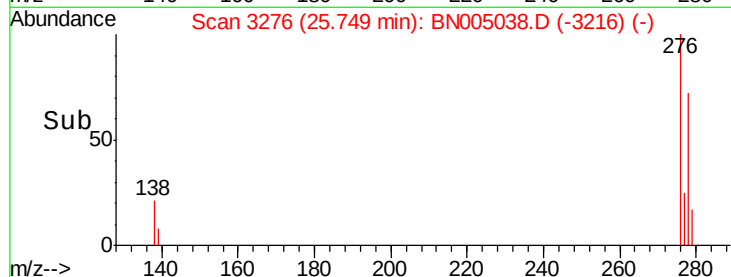
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 25.75 min Scan# 3276
Delta R.T. 0.01 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 24636
Ion Ratio Lower Upper
276 100
138 22.0 18.2 27.2
277 25.5 20.3 30.5

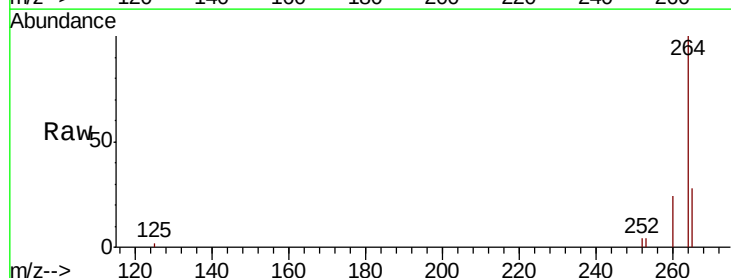


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

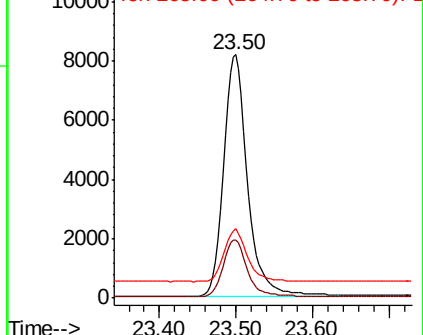
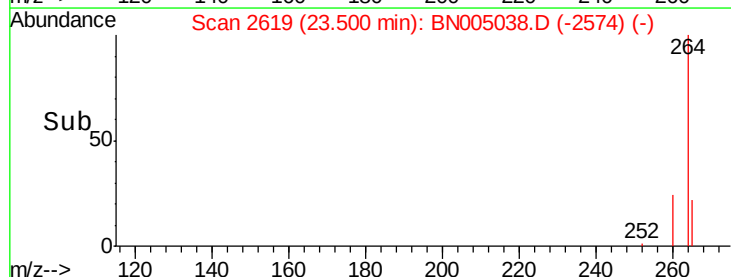


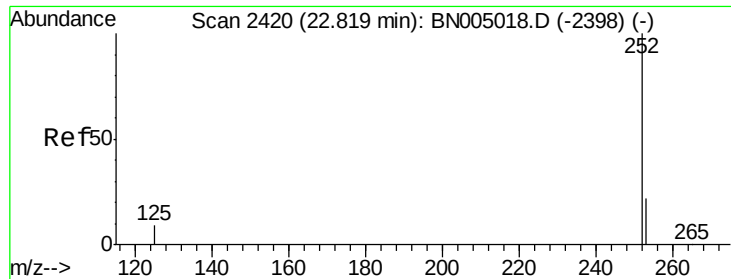
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:264 Resp: 17964
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 28.3 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

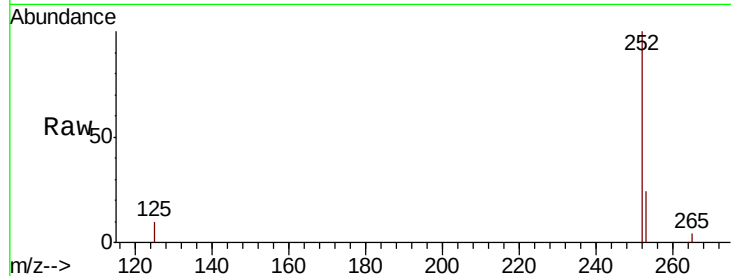




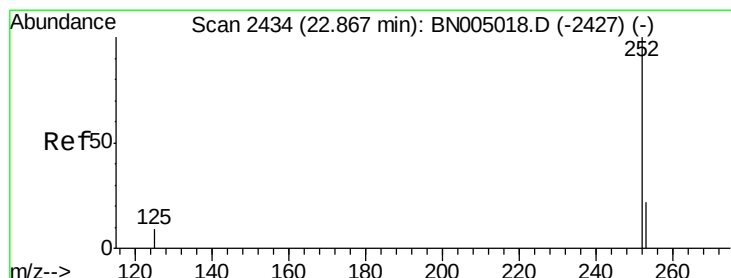
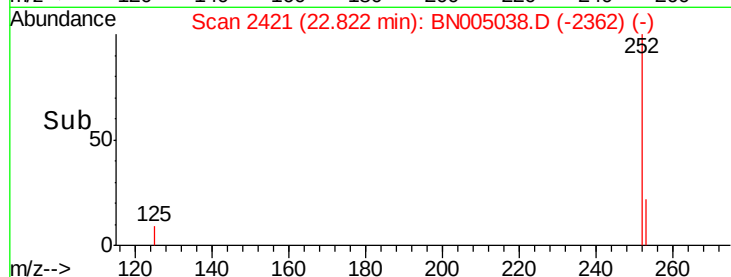
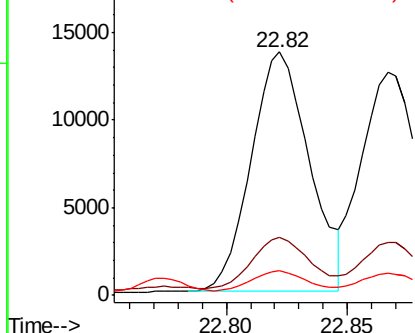
#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.82 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 23087
Ion Ratio Lower Upper
252 100
253 24.0 19.2 28.8
125 10.0 8.2 12.2

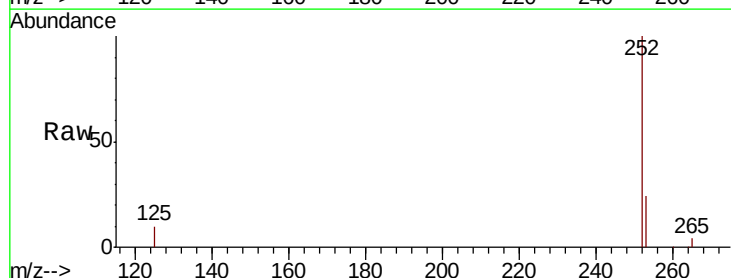


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

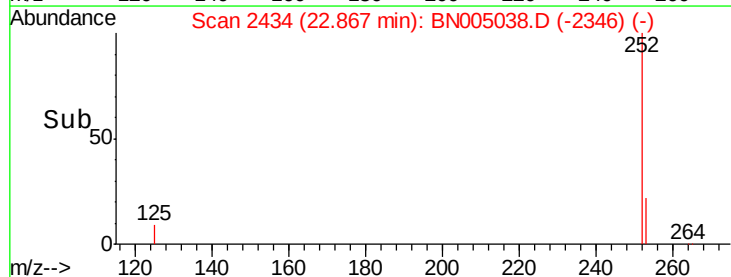
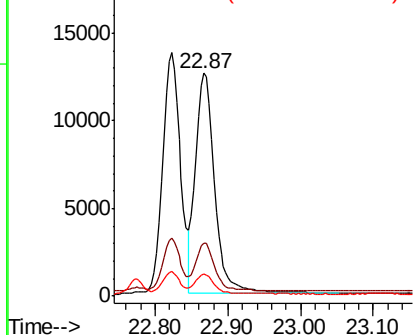


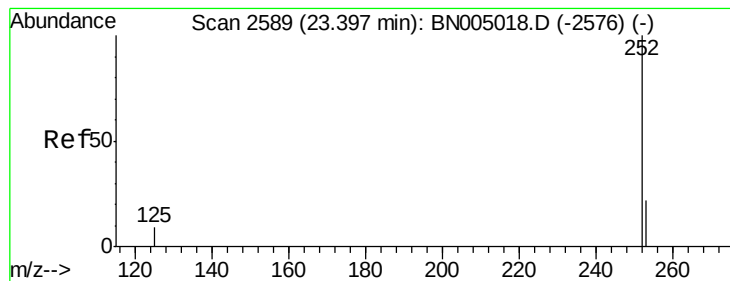
#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:252 Resp: 22567
Ion Ratio Lower Upper
252 100
253 23.9 19.3 28.9
125 9.9 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: 0.394 ng

RT: 23.40 min Scan# 2590

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

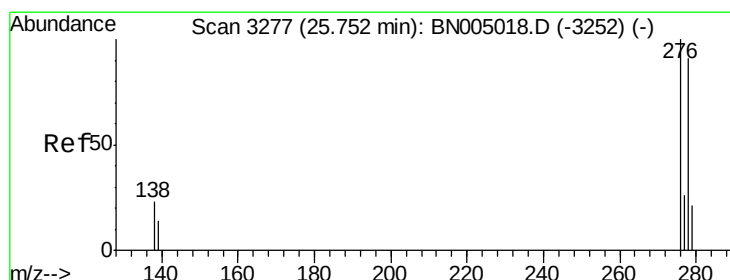
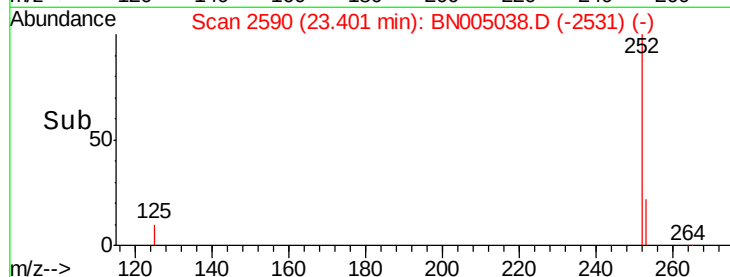
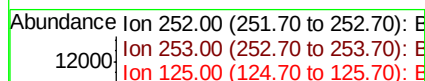
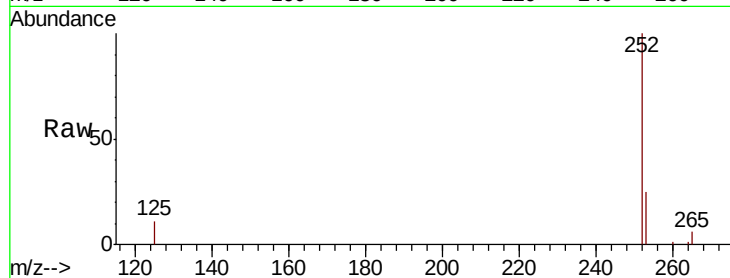
Tot Ion:252 Resp: 20176

Ion Ratio Lower Upper

252 100

253 25.0 20.2 30.2

125 11.2 9.2 13.8



#38

Dibenzo(a,h)anthracene

Concen: 0.390 ng

RT: 25.76 min Scan# 3278

Delta R.T. 0.00 min

Lab File: BN005038.D

Acq: 29 Mar 2019 17:39

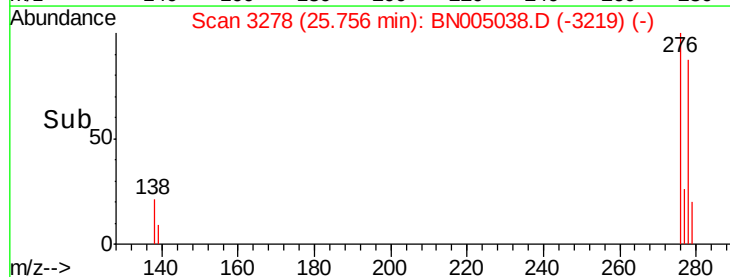
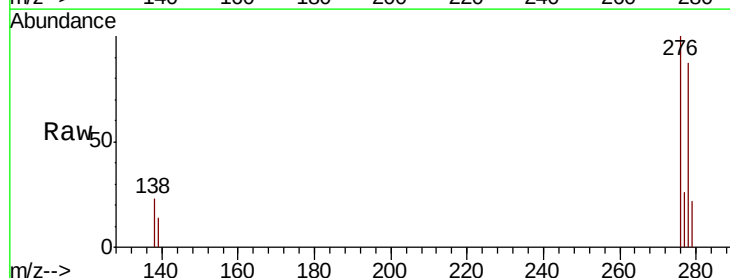
Tgt Ion:278 Resp: 19961

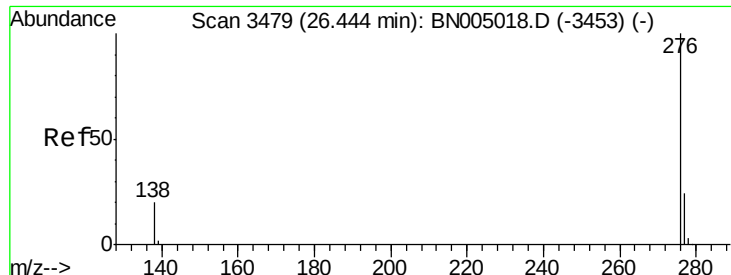
Ion Ratio Lower Upper

278 100

139 15.9 13.1 19.7

279 25.5 20.2 30.2





#39

Benzo(a,h,i)perylene

Concen: 0.397 ng

RT: 26.44 min Scan# 3479

Delta R.T. 0.00 min

Lab File: BN005038.D

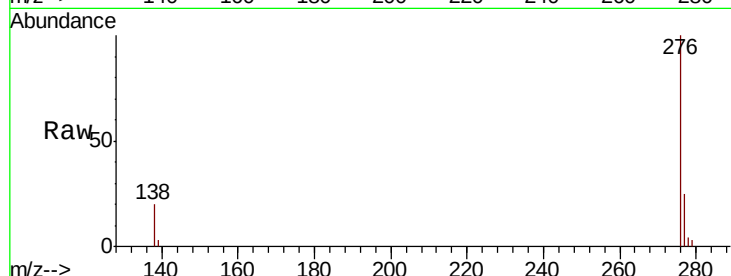
Acq: 29 Mar 2019 17:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 20478

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.6

138 19.8 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

