

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040119\
 Data File : BN005051.D
 Acq On : 01 Apr 2019 16:52
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 02 01:37:01 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	2793	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	12296	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7221	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	17156	0.40	ng	0.00
27) Chrysene-d12	21.26	240	18335	0.40	ng	0.00
34) Perylene-d12	23.50	264	17293	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2828	0.41	ng	0.00
5) Phenol-d6	6.85	99	3380	0.41	ng	0.00
8) Nitrobenzene-d5	8.83	82	2738	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	8187	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1480	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	11904	0.44	ng	0.00
25) Fluoranthene-d10	19.10	212	20020	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	16558	0.44	ng	0.00

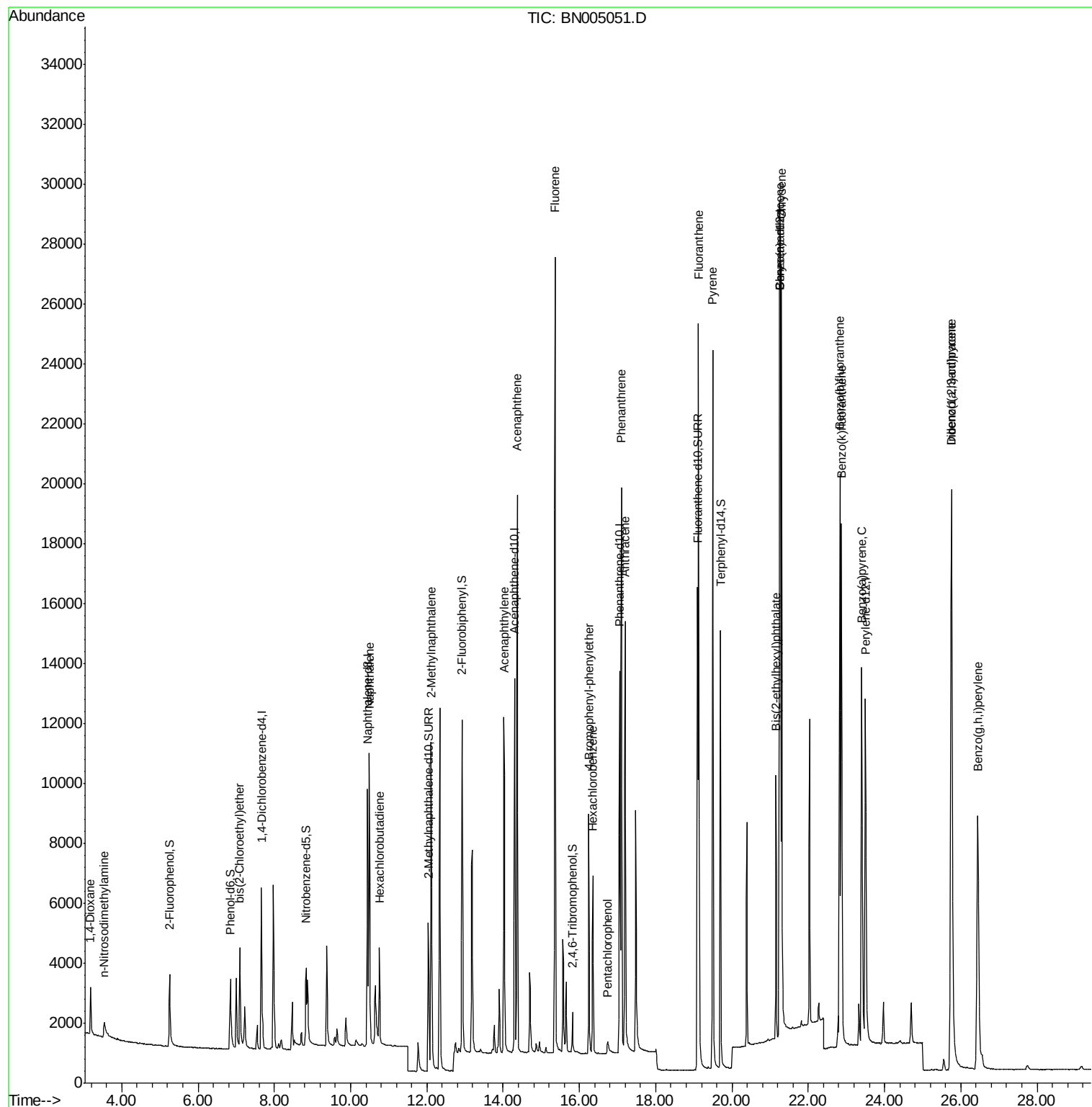
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.19	88	1204	0.401 ng		97
3) n-Nitrosodimethylamine	3.54	42	581	0.317 ng	#	92
6) bis(2-Chloroethyl)ether	7.10	93	3103	0.398 ng		97
9) Naphthalene	10.49	128	13371	0.433 ng		100
10) Hexachlorobutadiene	10.76	225	2534	0.442 ng	#	100
12) 2-Methylnaphthalene	12.11	142	9478	0.425 ng		98
16) Acenaphthylene	14.02	152	13819	0.405 ng		100
17) Acenaphthene	14.37	154	9337	0.431 ng		99
18) Fluorene	15.36	166	12459	0.429 ng		99
20) 4-Bromophenyl-phenylether	16.25	248	4100	0.417 ng		97
21) Hexachlorobenzene	16.36	284	4825	0.445 ng		98
22) Pentachlorophenol	16.74	266	506	0.317 ng		92
23) Phenanthrene	17.10	178	20282	0.422 ng		100
24) Anthracene	17.20	178	17246	0.403 ng		100
26) Fluoranthene	19.13	202	23747	0.404 ng		100
28) Pyrene	19.49	202	24150	0.464 ng		100
30) Benzo(a)anthracene	21.25	228	22003	0.426 ng		100
31) Chrysene	21.30	228	23456	0.421 ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	7816	0.361 ng		99
33) Indeno(1,2,3-cd)pyrene	25.75	276	24976	0.399 ng		100
35) Benzo(b)fluoranthene	22.83	252	23742	0.428 ng		99
36) Benzo(k)fluoranthene	22.87	252	23525	0.439 ng		99
37) Benzo(a)pyrene	23.40	252	21173	0.430 ng		99
38) Dibenzo(a,h)anthracene	25.76	278	20271	0.411 ng		100
39) Benzo(g,h,i)perylene	26.45	276	20651	0.416 ng		99

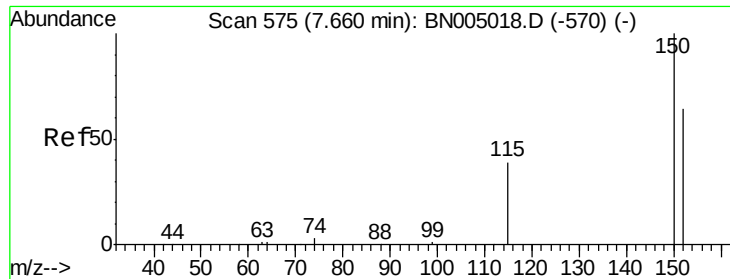
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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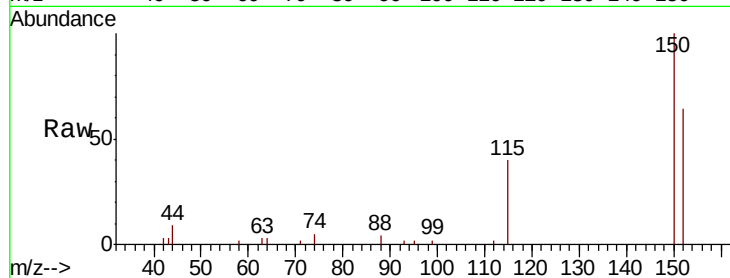




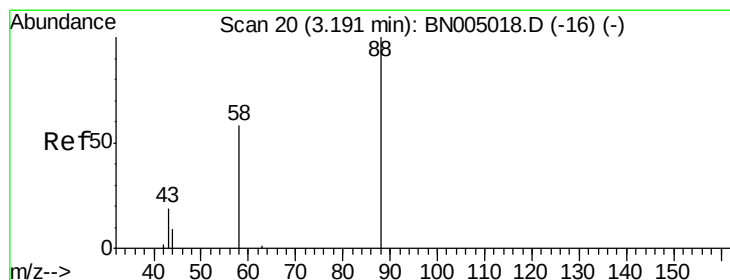
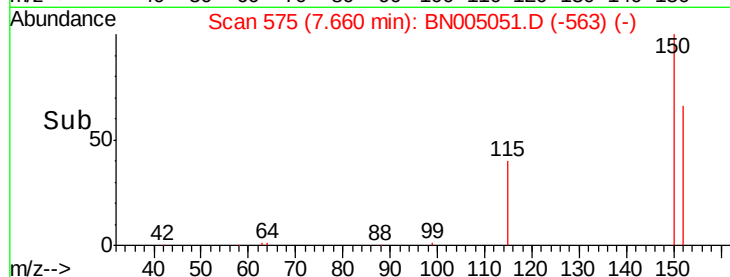
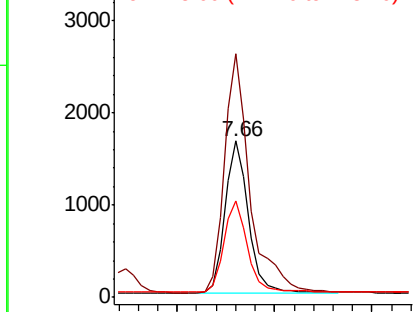
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BN005051.D
 Acq: 01 Apr 2019 16:52

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 152 Resp: 2793
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.4 185.2
 115 62.0 50.0 75.0

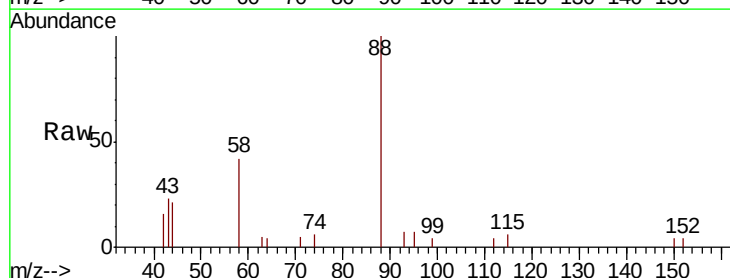


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

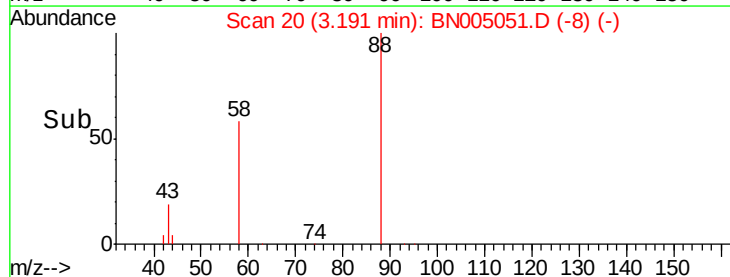
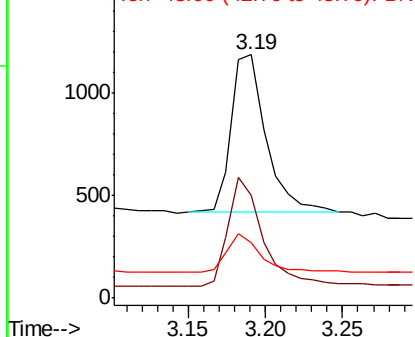


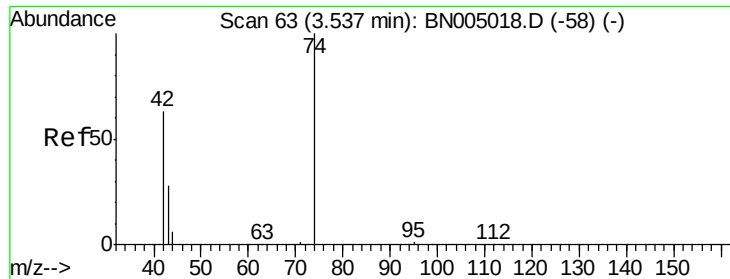
#2
 1,4-Dioxane
 Concen: 0.401 ng
 RT: 3.19 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BN005051.D
 Acq: 01 Apr 2019 16:52

Tgt Ion: 88 Resp: 1204
 Ion Ratio Lower Upper
 88 100
 58 68.2 52.8 79.2
 43 22.8 19.6 29.4



Abundance Ion 88.00 (87.70 to 88.70): BNC
 Ion 58.00 (57.70 to 58.70): BNC
 Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.317 ng

RT: 3.54 min Scan# 64

Delta R.T. 0.01 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

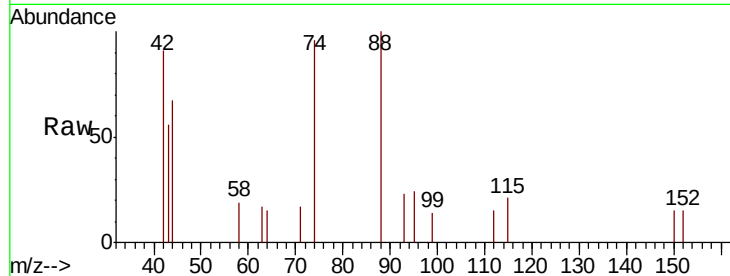
Tgt Ion: 42 Resp: 581

Ion Ratio Lower Upper

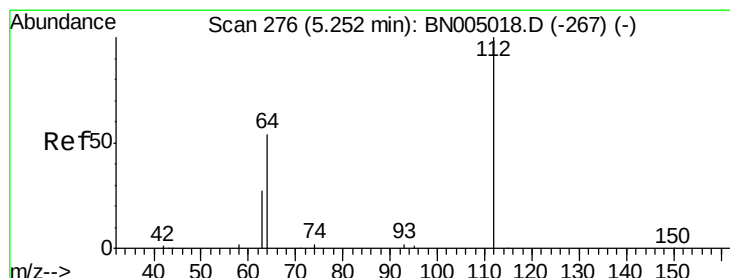
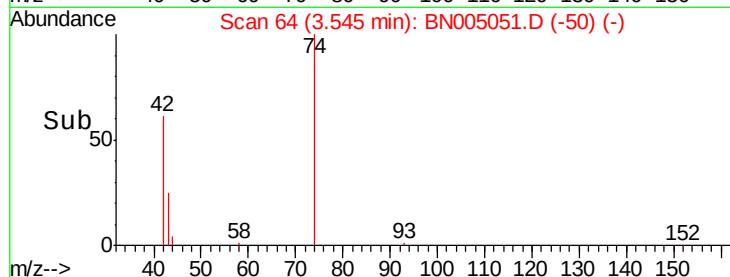
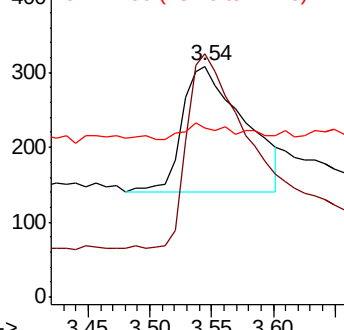
42 100

74 150.3 129.1 193.7

44 10.7 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: 0.406 ng

RT: 5.25 min Scan# 276

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

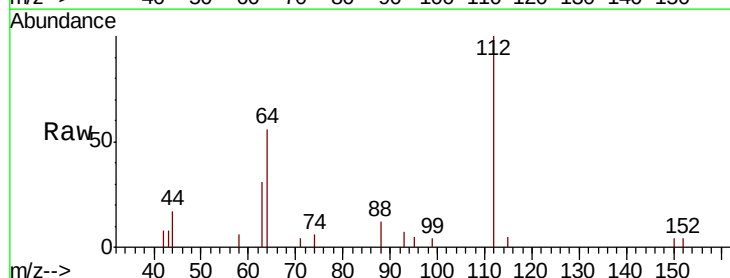
Tgt Ion: 112 Resp: 2828

Ion Ratio Lower Upper

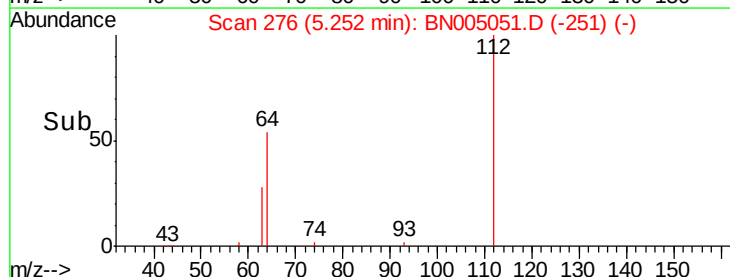
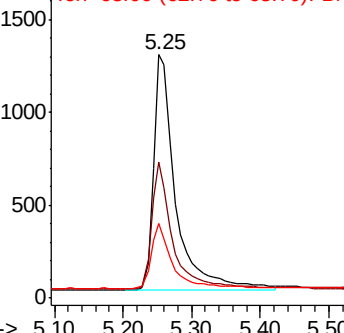
112 100

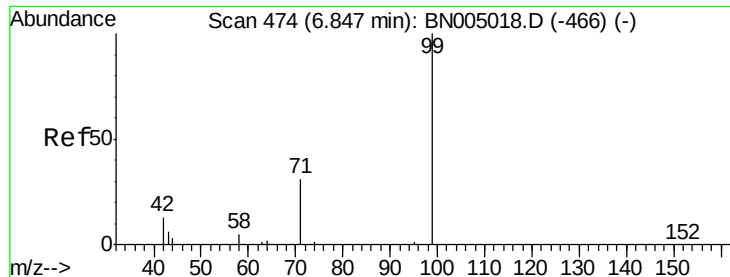
64 51.8 41.9 62.9

63 26.8 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: 0.409 ng

RT: 6.85 min Scan# 474

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

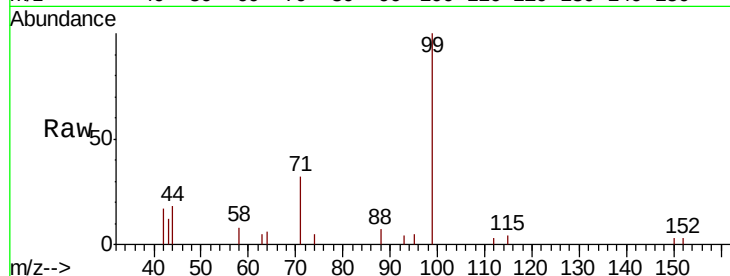
Tgt Ion: 99 Resp: 3380

Ion Ratio Lower Upper

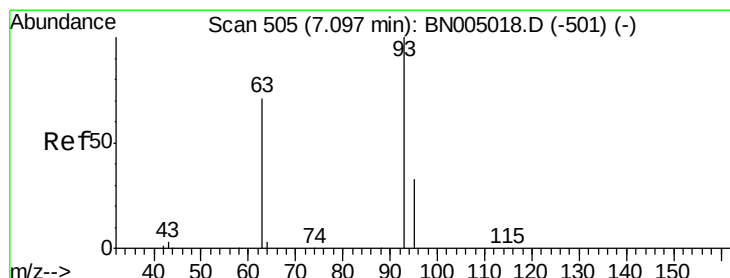
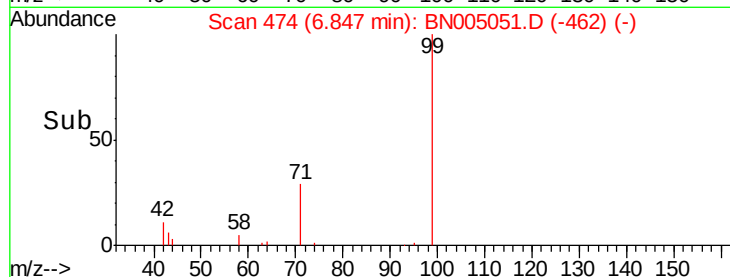
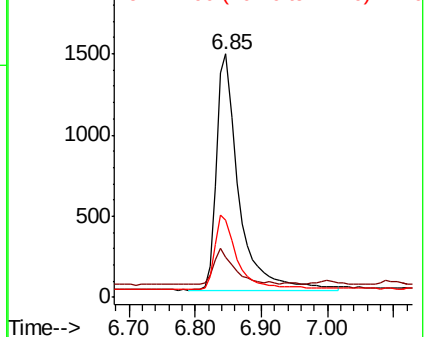
99 100

42 14.4 12.2 18.2

71 31.7 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: 0.398 ng

RT: 7.10 min Scan# 505

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

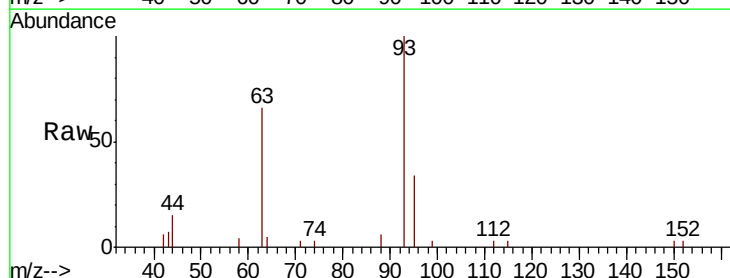
Tgt Ion: 93 Resp: 3103

Ion Ratio Lower Upper

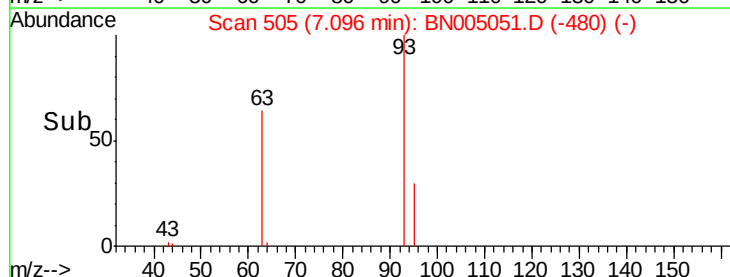
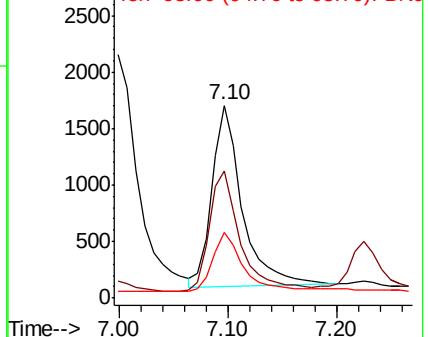
93 100

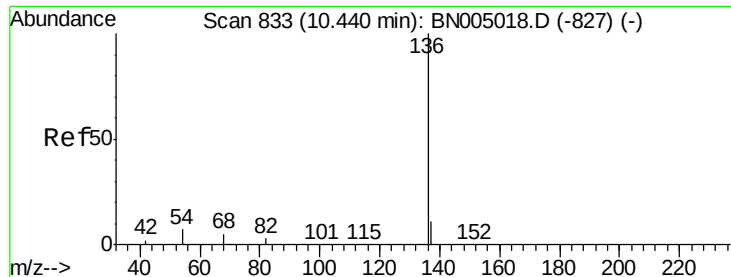
63 67.8 51.8 77.6

95 32.4 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: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 12296

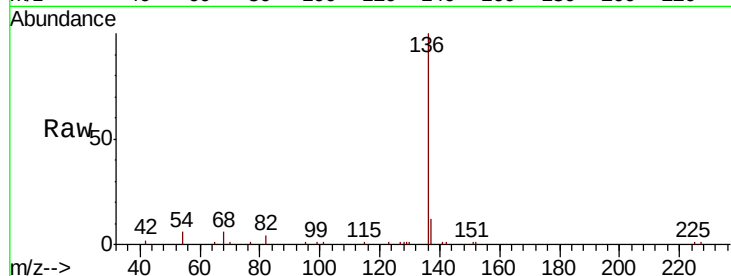
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.3 6.0 9.0

68 5.7 5.0 7.6

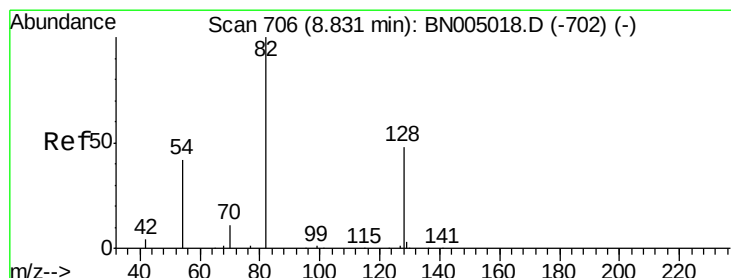
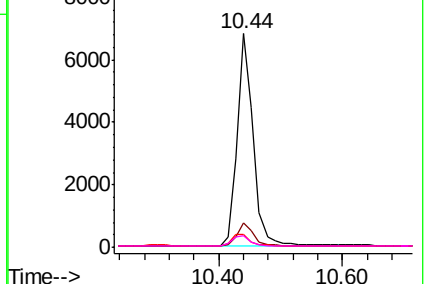
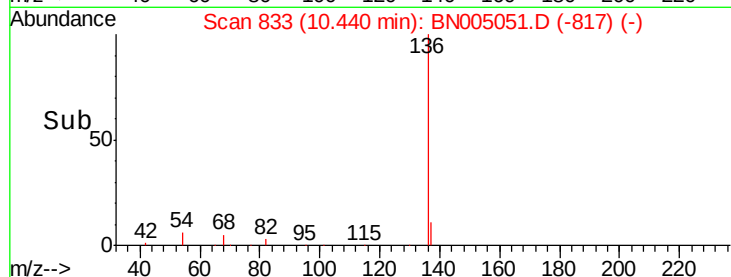


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.384 ng

RT: 8.83 min Scan# 706

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

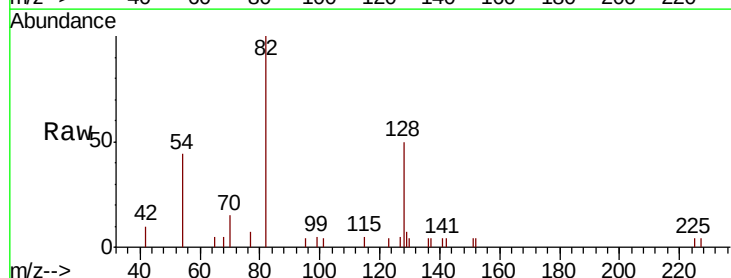
Tgt Ion: 82 Resp: 2738

Ion Ratio Lower Upper

82 100

128 49.7 40.5 60.7

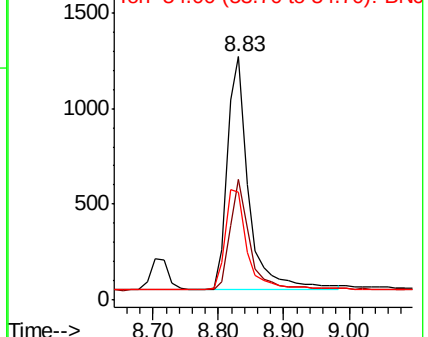
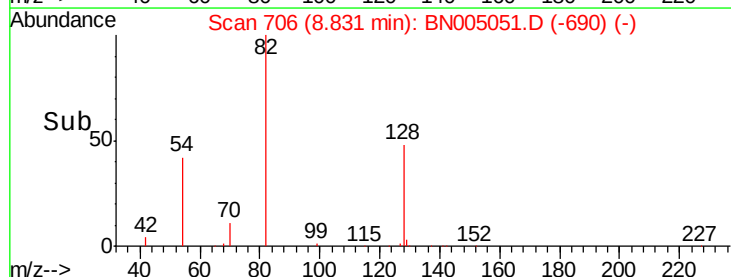
54 44.1 35.7 53.5

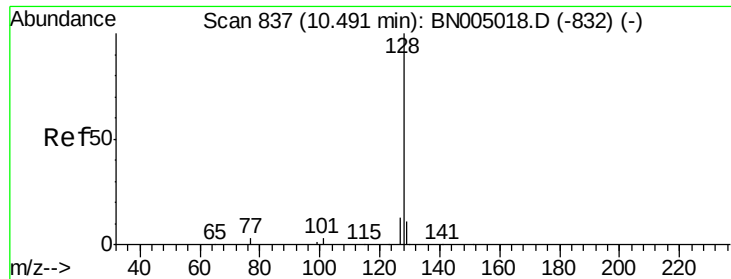


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.433 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

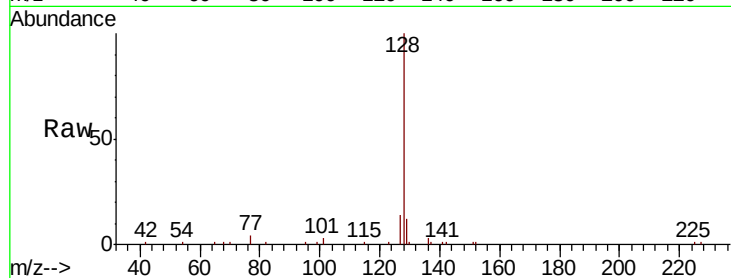
Tgt Ion:128 Resp: 13371

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

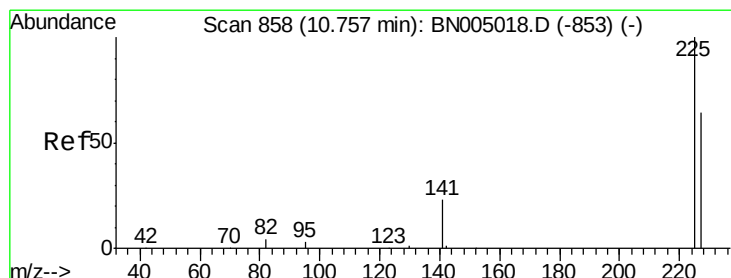
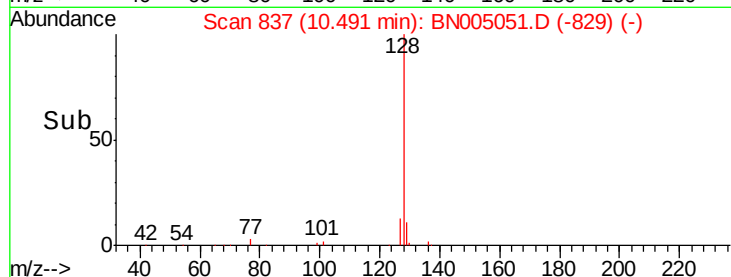
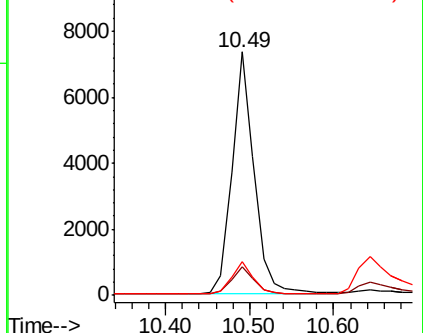
127 13.7 11.0 16.6



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: 0.442 ng

RT: 10.76 min Scan# 858

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

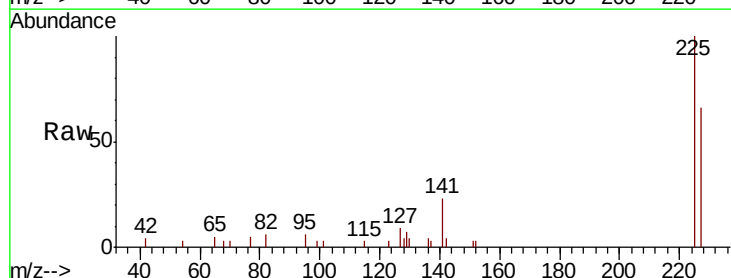
Tgt Ion:225 Resp: 2534

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

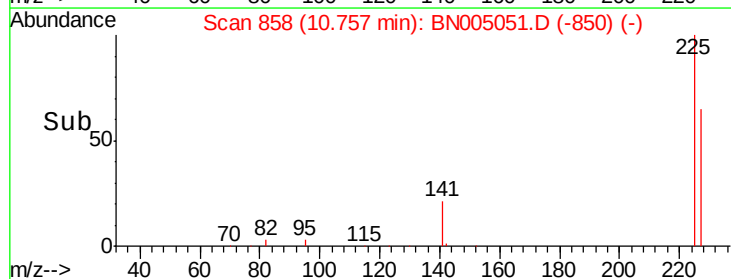
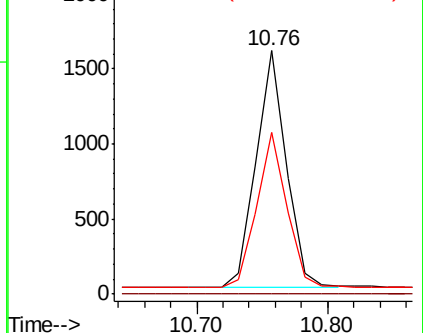
227 64.4 51.5 77.3

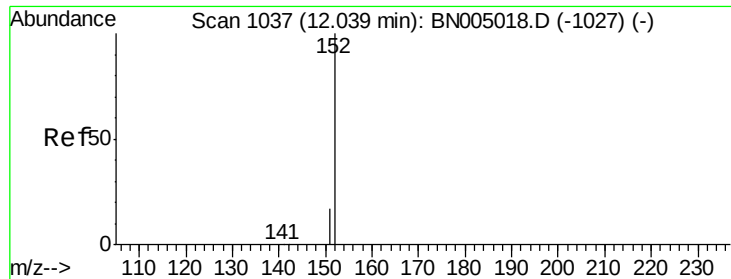


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

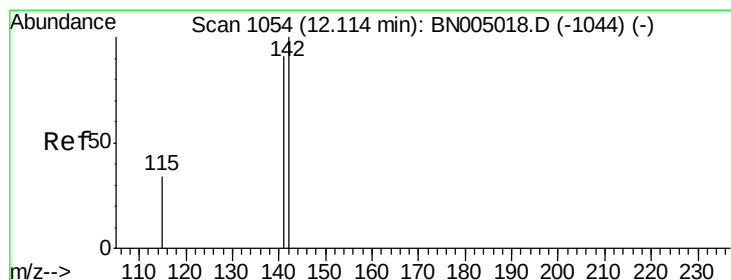
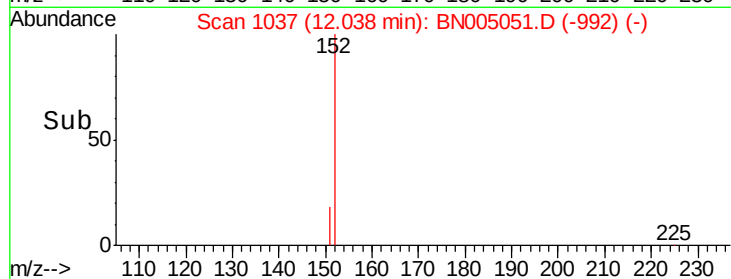
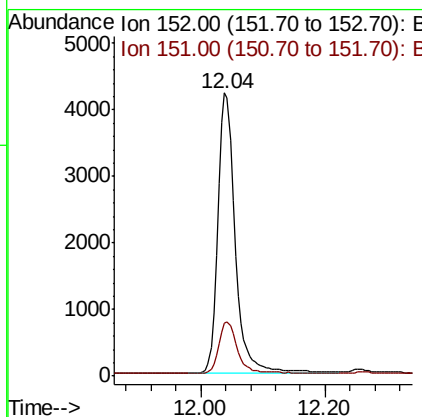
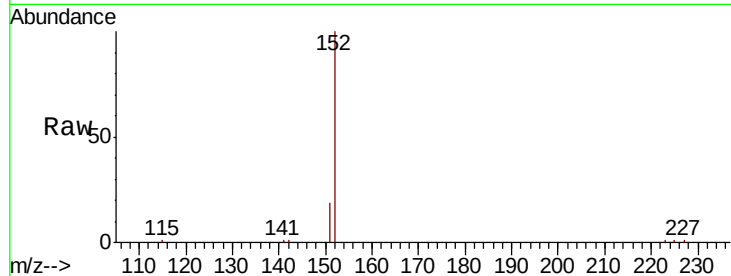




#11
 2-Methylnaphthalene-d10
 Concen: 0.430 ng
 RT: 12.04 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BN005051.D
 Acq: 01 Apr 2019 16:52

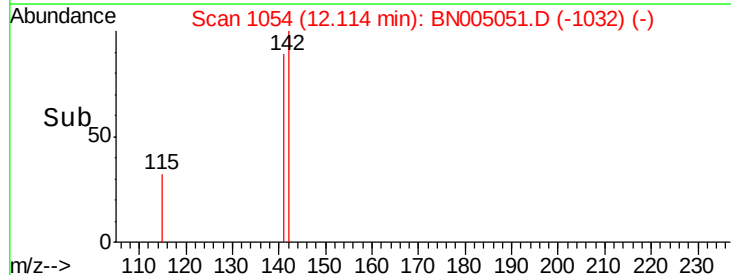
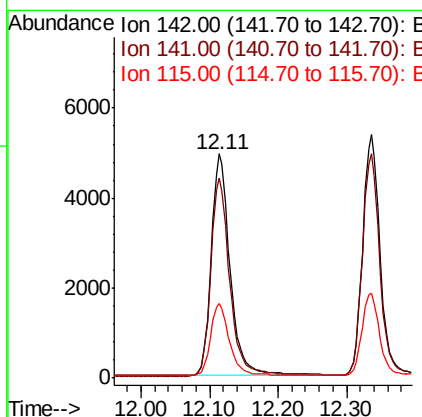
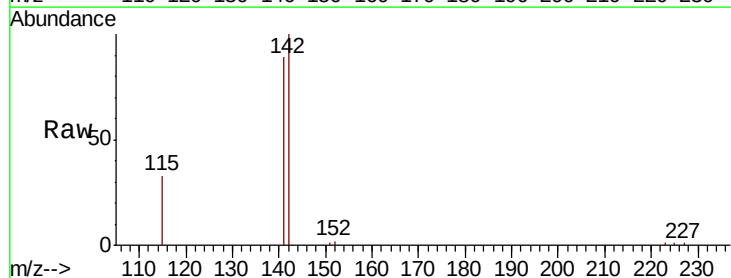
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

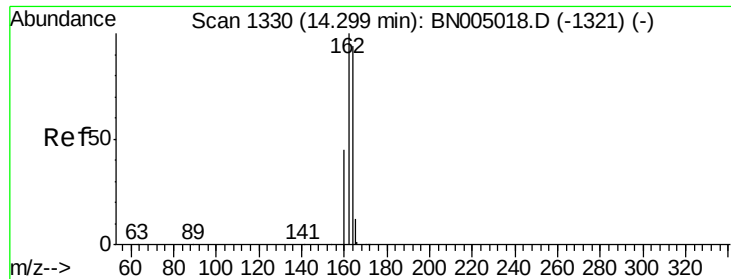
Tgt Ion:152 Resp: 8187
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.425 ng
 RT: 12.11 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN005051.D
 Acq: 01 Apr 2019 16:52

Tgt Ion:142 Resp: 9478
 Ion Ratio Lower Upper
 142 100
 141 89.1 72.6 108.8
 115 33.3 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: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

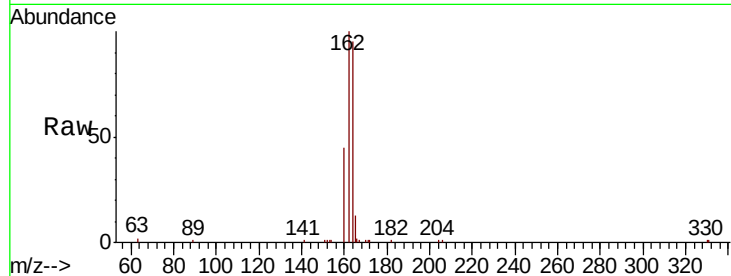
Tgt Ion:164 Resp: 7221

Ion Ratio Lower Upper

164 100

162 105.4 85.3 127.9

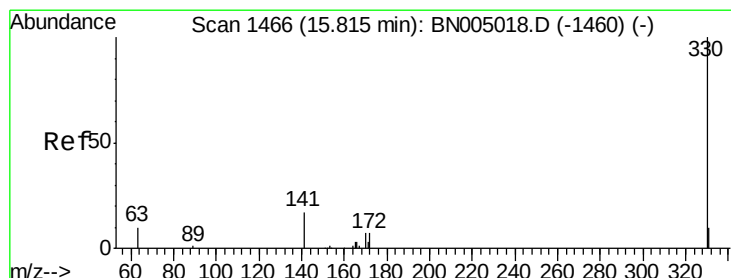
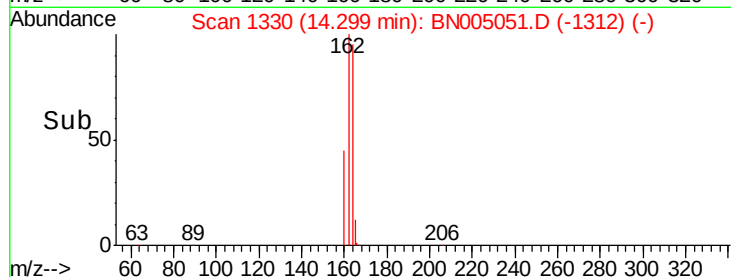
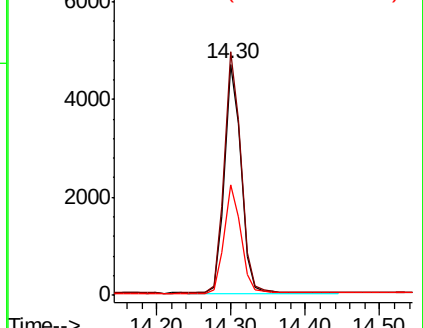
160 47.7 39.2 58.8



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: 0.365 ng

RT: 15.81 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

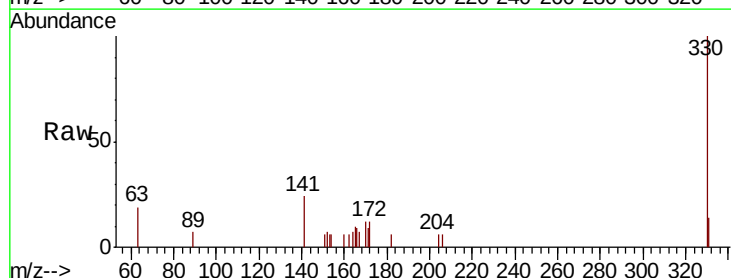
Tgt Ion:330 Resp: 1480

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

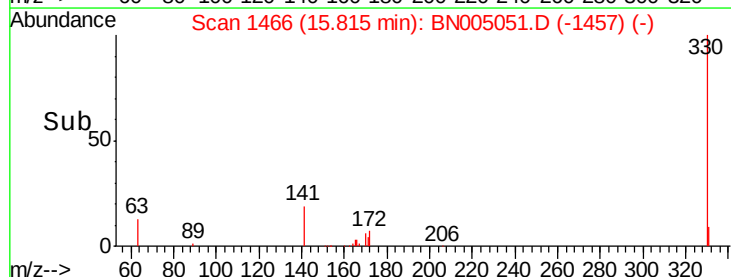
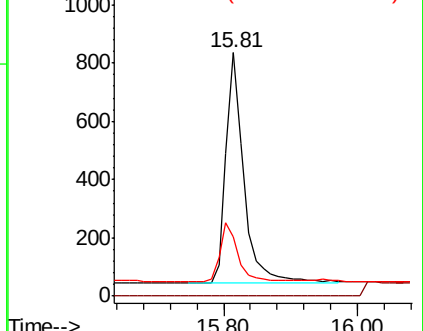
141 25.5 21.3 31.9

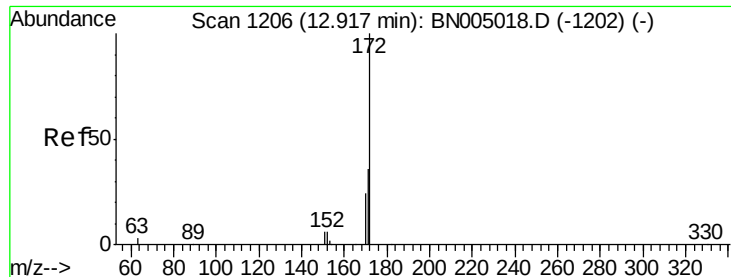


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

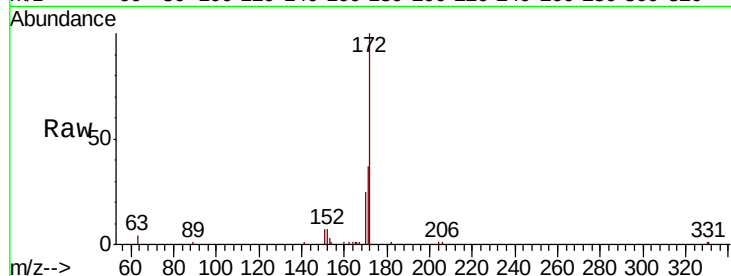




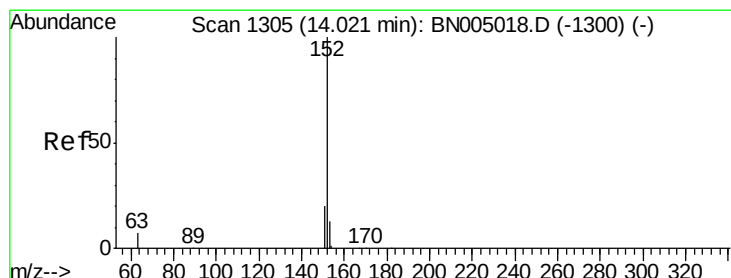
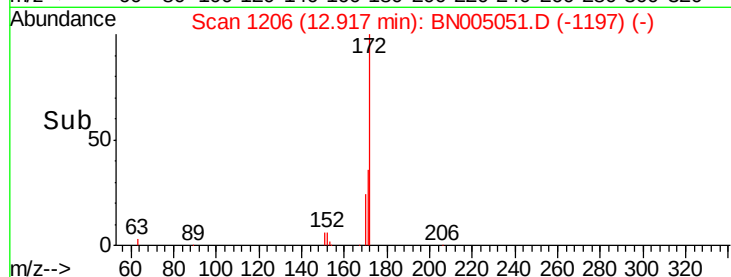
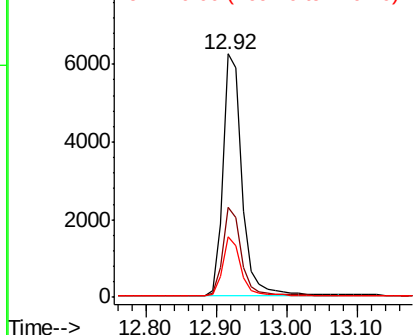
#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 11904
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.8 20.0 30.0

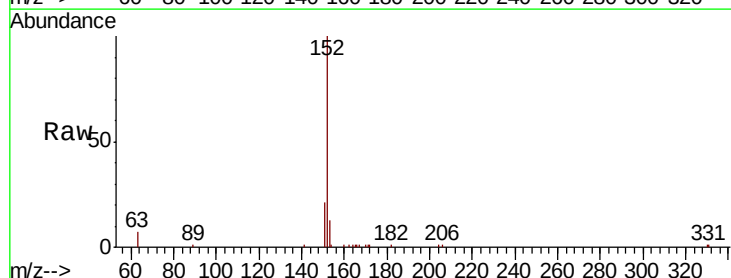


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

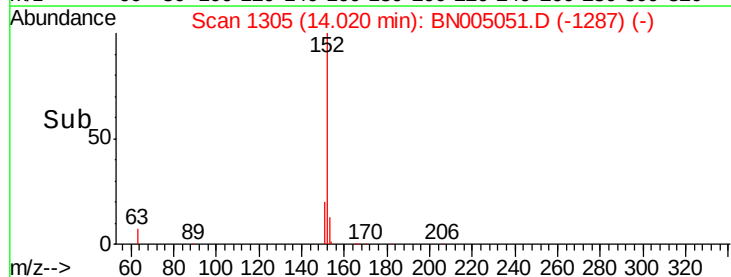
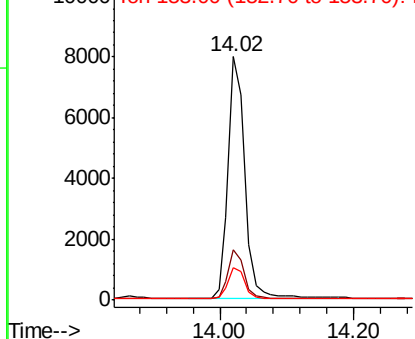


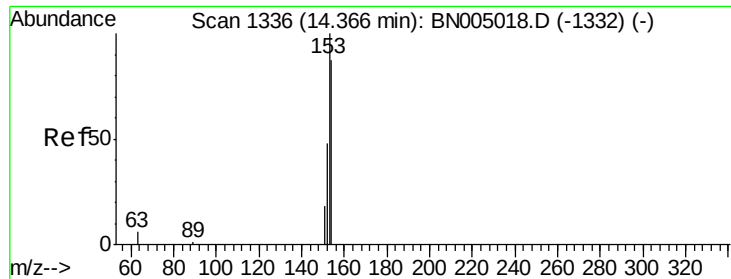
#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:152 Resp: 13819
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.0 10.6 15.8



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





#17

Acenaphthene

Concen: 0.431 ng

RT: 14.37 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

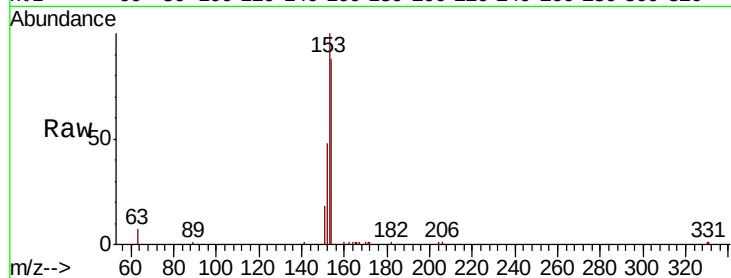
Tgt Ion:154 Resp: 9337

Ion Ratio Lower Upper

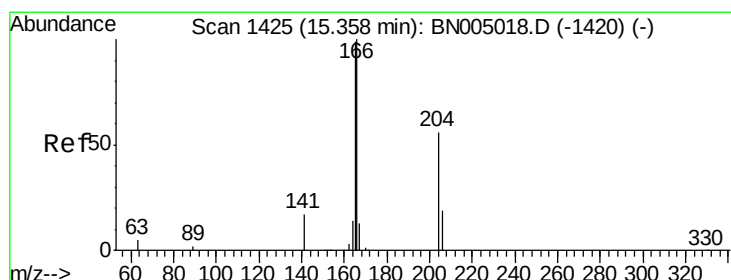
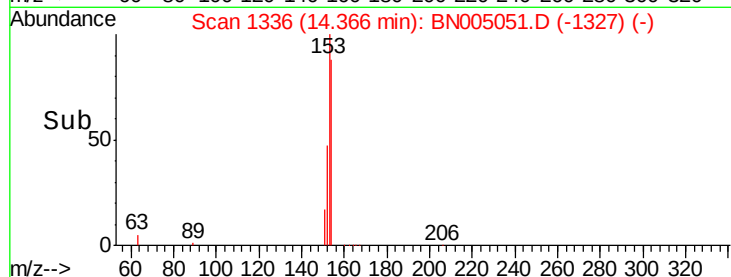
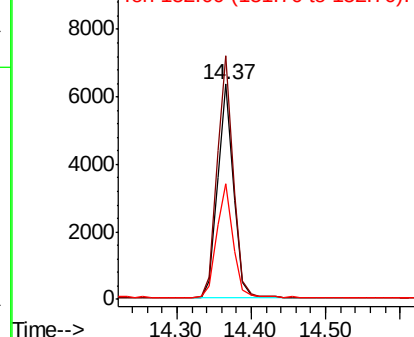
154 100

153 114.6 92.1 138.1

152 54.4 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: 0.429 ng

RT: 15.36 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

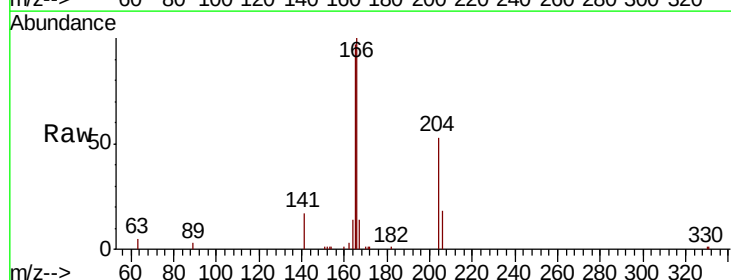
Tgt Ion:166 Resp: 12459

Ion Ratio Lower Upper

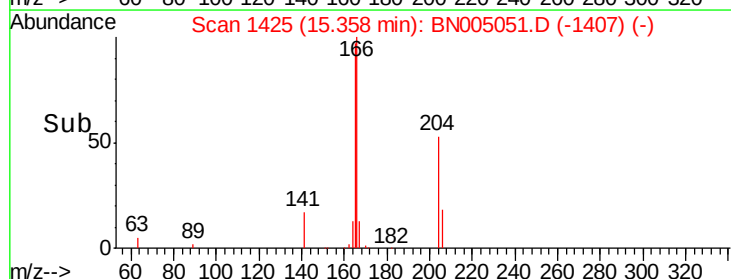
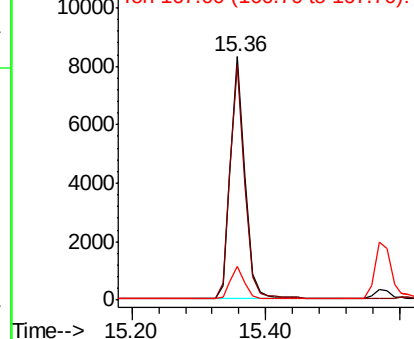
166 100

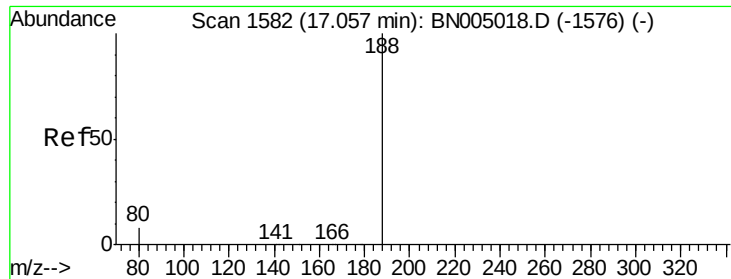
165 97.2 78.7 118.1

167 13.4 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: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

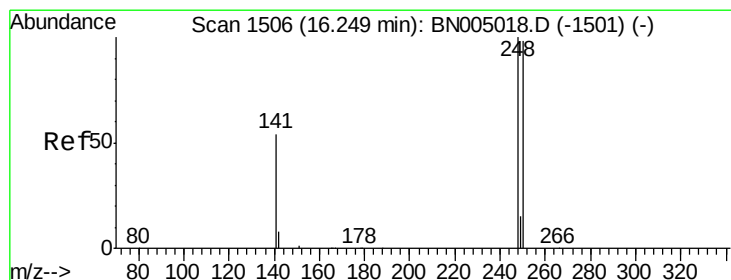
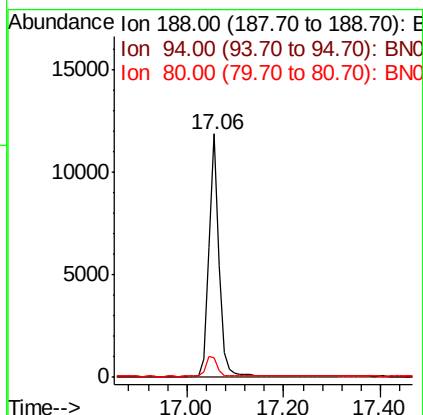
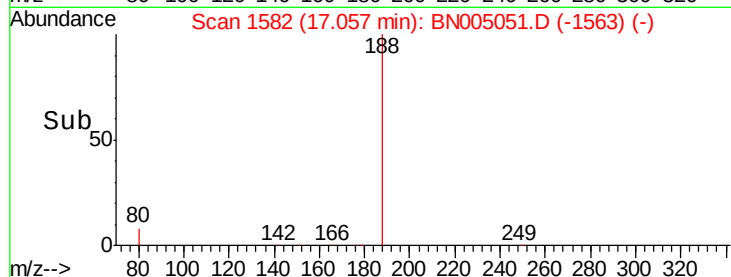
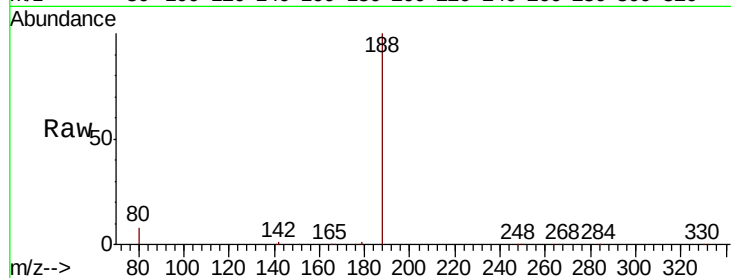
Tgt Ion:188 Resp: 17156

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 6.9 10.3



#20

4-Bromophenyl-phenylether

Concen: 0.417 ng

RT: 16.25 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

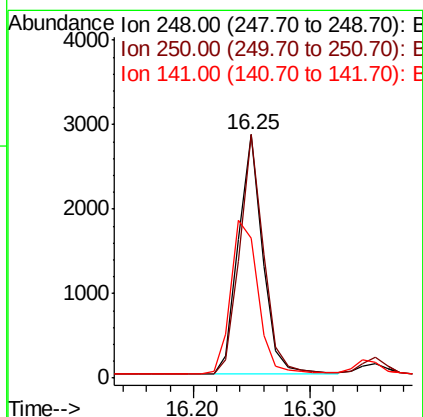
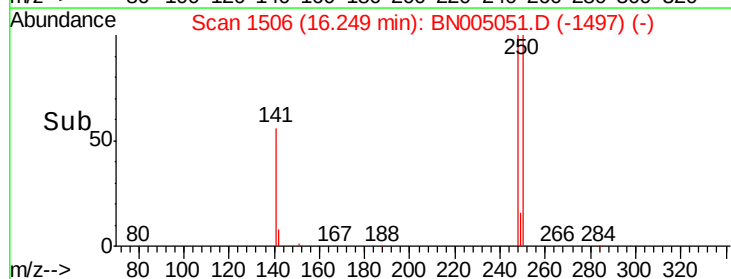
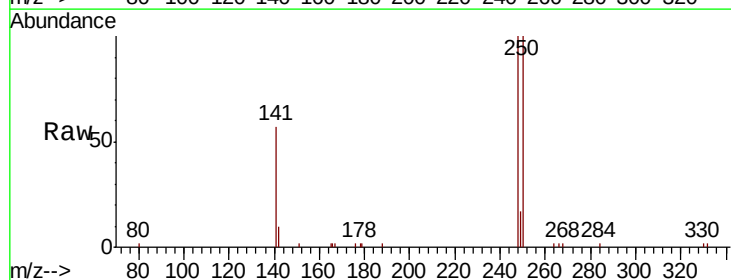
Tgt Ion:248 Resp: 4100

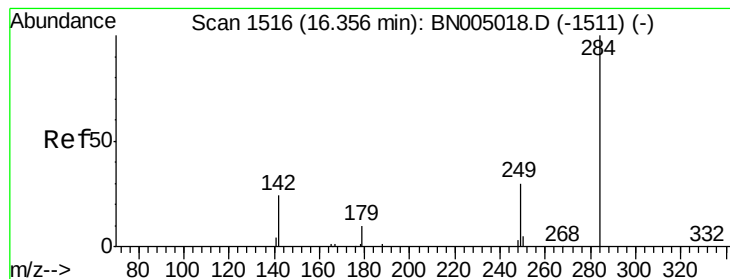
Ion Ratio Lower Upper

248 100

250 100.0 78.6 117.8

141 57.3 43.6 65.4





#21

Hexachlorobenzene

Concen: 0.445 ng

RT: 16.36 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

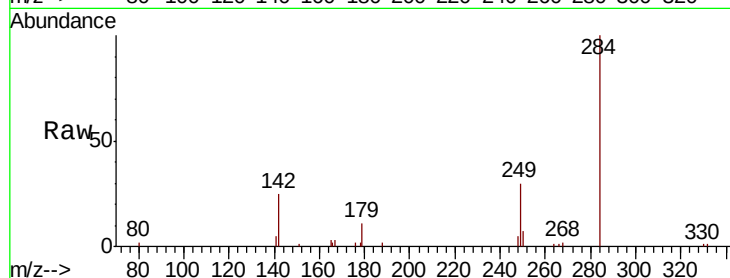
Tgt Ion:284 Resp: 4825

Ion Ratio Lower Upper

284 100

142 29.9 24.9 37.3

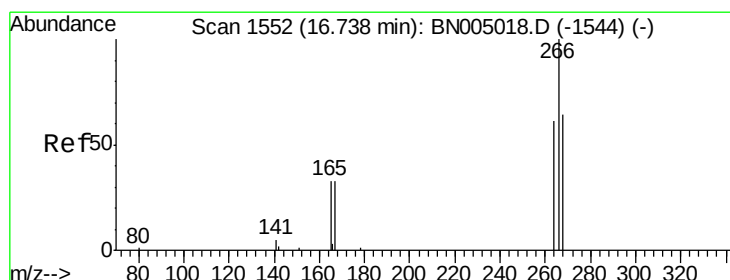
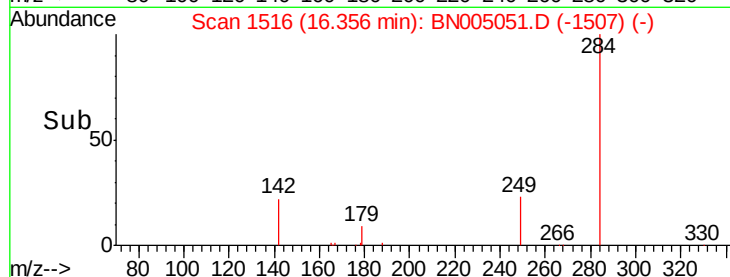
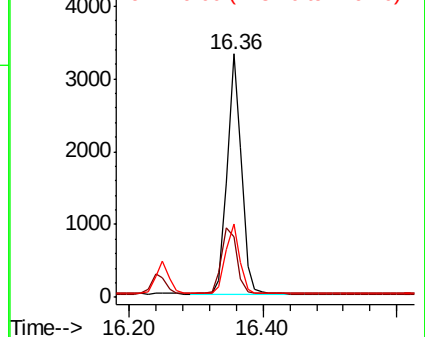
249 29.0 23.8 35.6



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: 0.317 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

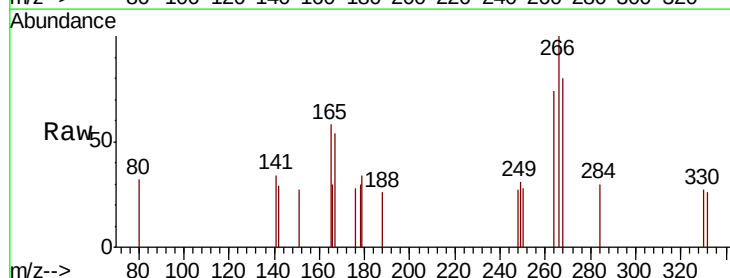
Tgt Ion:266 Resp: 506

Ion Ratio Lower Upper

266 100

264 73.8 53.4 80.0

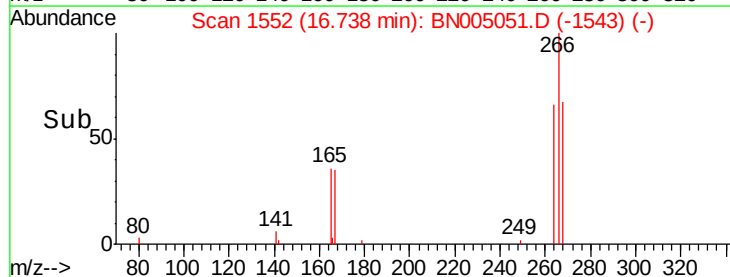
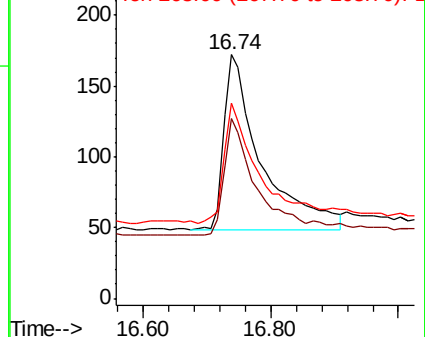
268 80.2 58.9 88.3

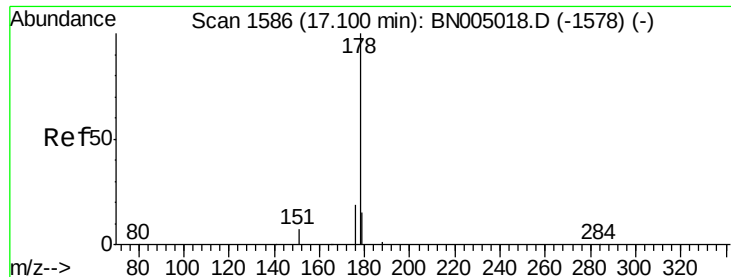


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.422 ng

RT: 17.10 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

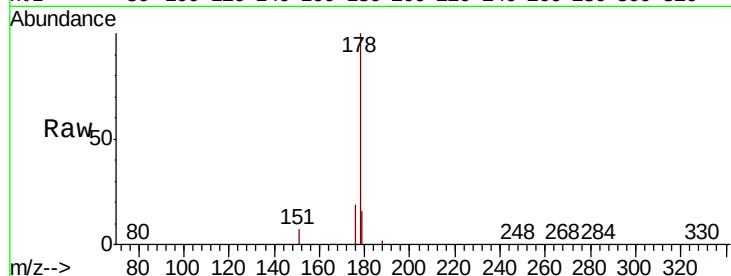
Tgt Ion:178 Resp: 20282

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

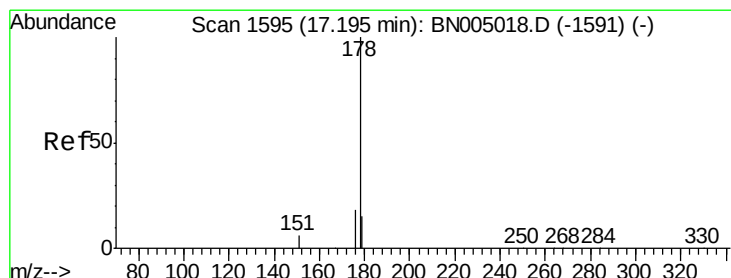
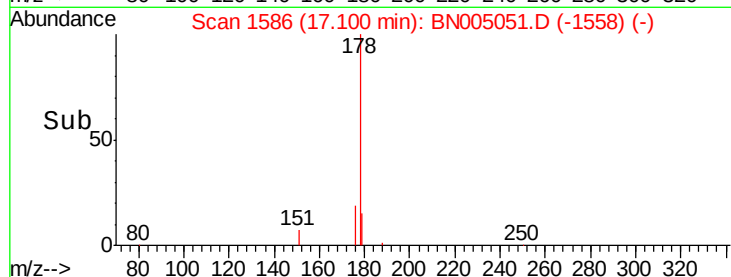
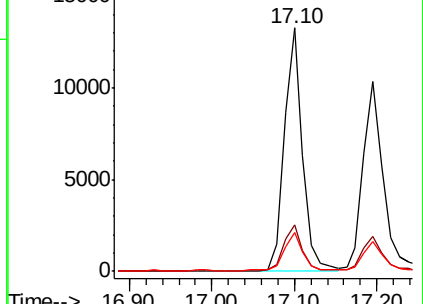
179 15.3 12.2 18.2



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: 0.403 ng

RT: 17.20 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

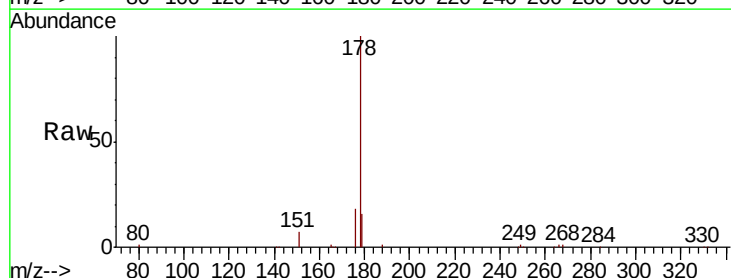
Tgt Ion:178 Resp: 17246

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

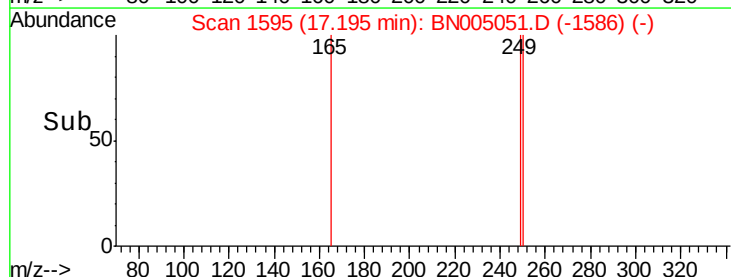
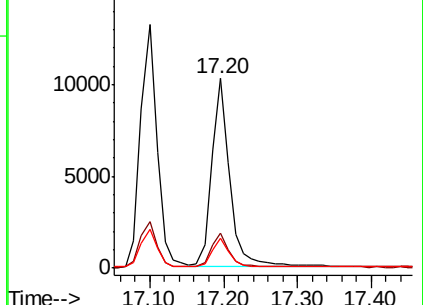
179 15.3 12.3 18.5

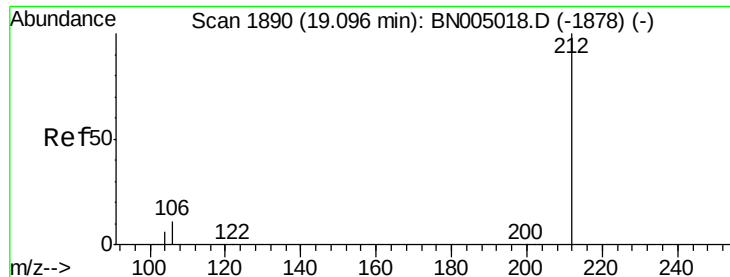


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

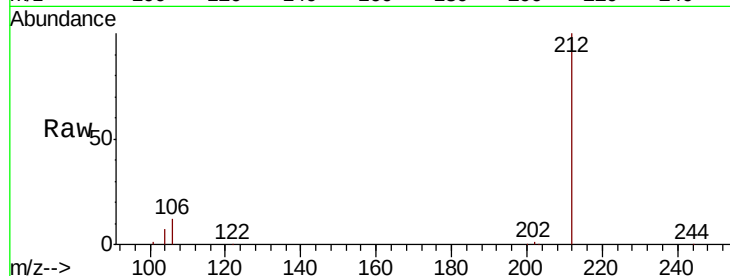




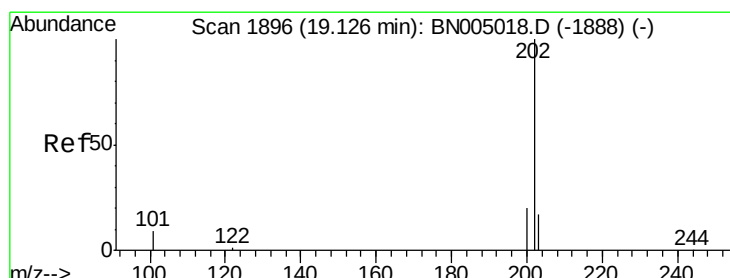
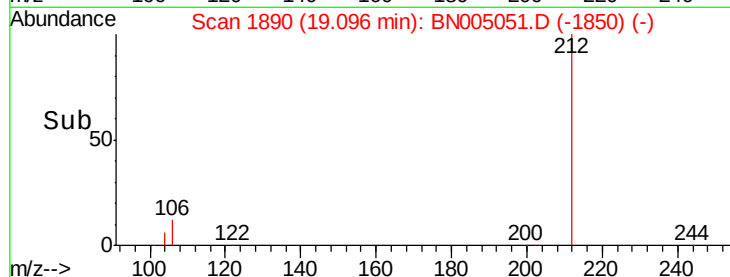
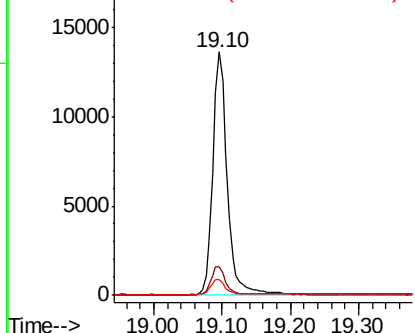
#25
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.10 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 212 Resp: 20020
Ion Ratio Lower Upper
212 100
106 11.9 9.4 14.2
104 6.5 5.4 8.0

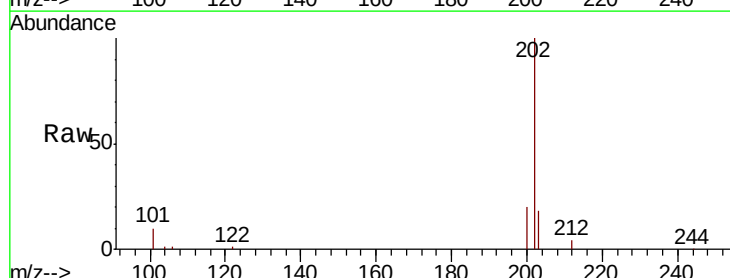


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

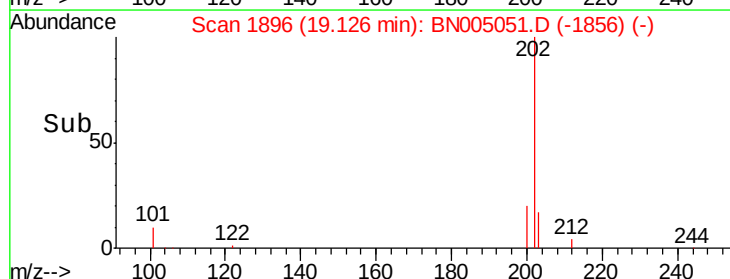
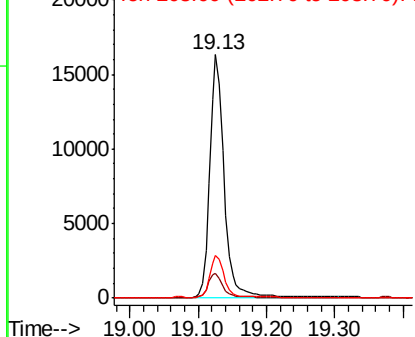


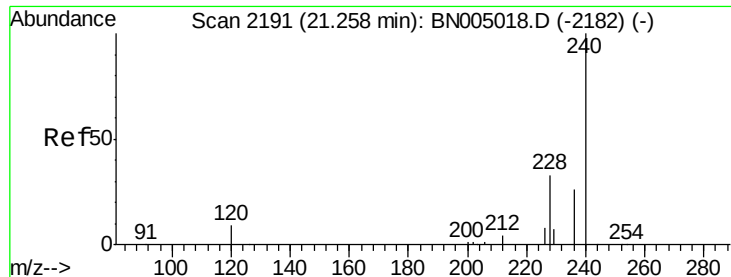
#26
Fluoranthene
Concen: 0.404 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion: 202 Resp: 23747
Ion Ratio Lower Upper
202 100
101 10.0 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: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

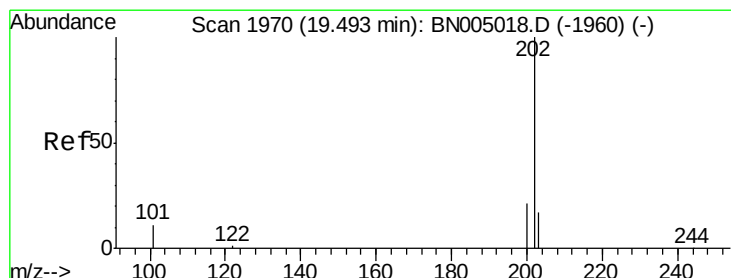
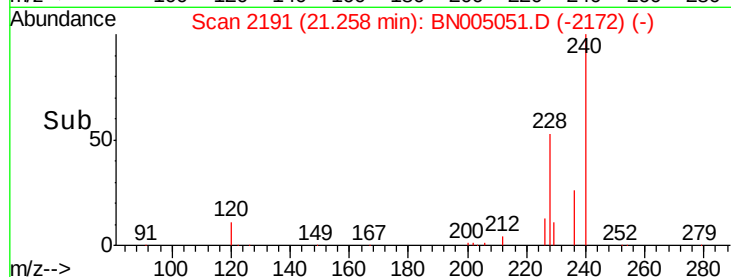
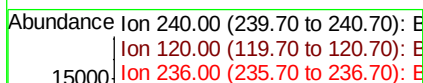
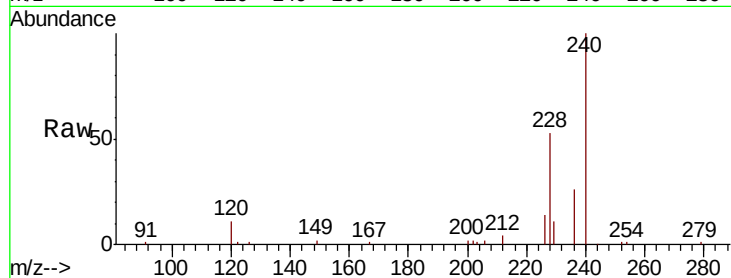
Tgt Ion:240 Resp: 18335

Ion Ratio Lower Upper

240 100

120 11.1 7.4 11.0#

236 26.3 21.0 31.6



#28

Pyrene

Concen: 0.464 ng

RT: 19.49 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

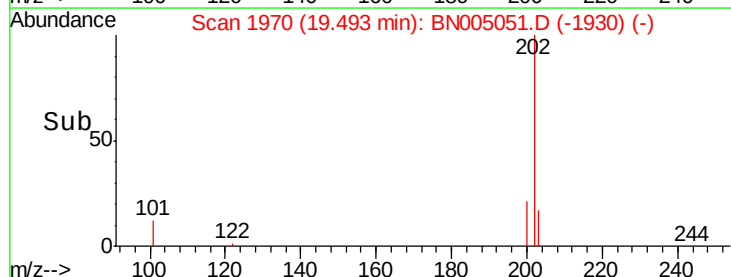
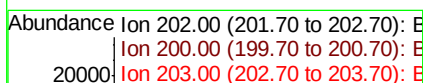
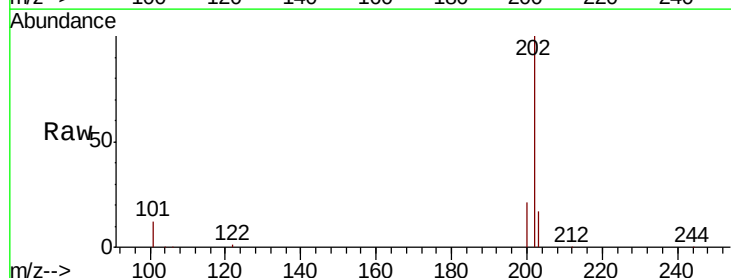
Tgt Ion:202 Resp: 24150

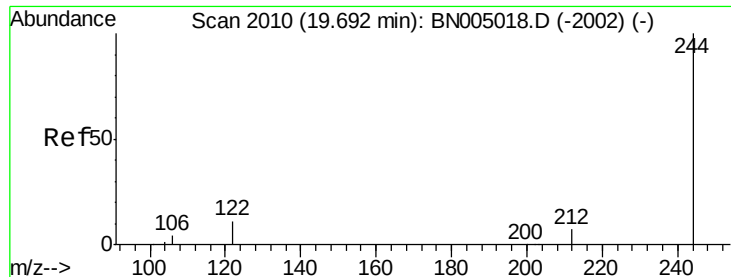
Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

203 17.4 13.9 20.9

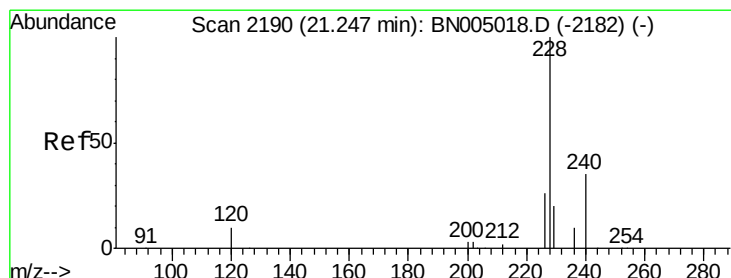
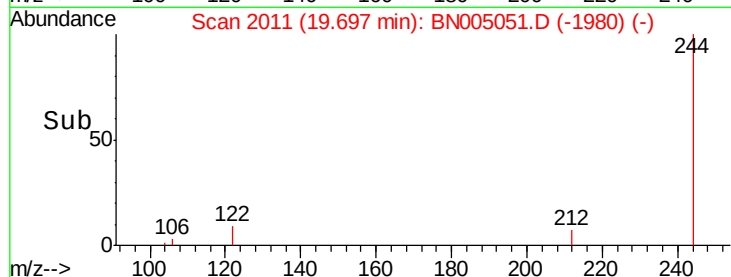
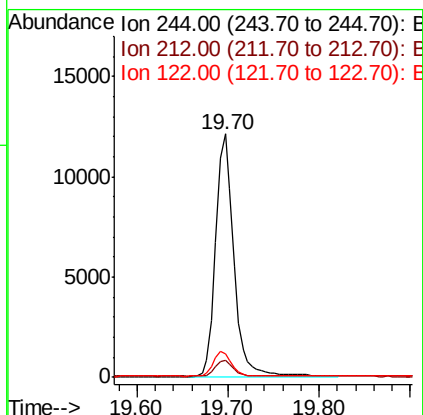
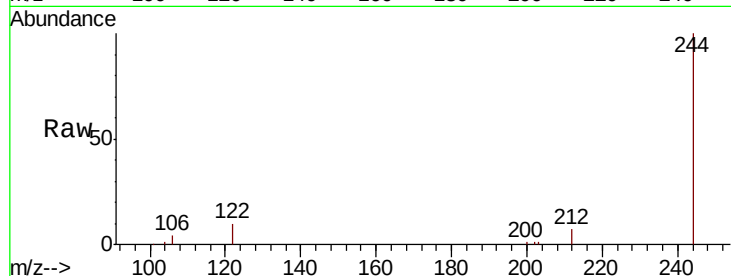




#29
 Terphenyl-d14
 Concen: 0.439 ng
 RT: 19.70 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BN005051.D
 Acq: 01 Apr 2019 16:52

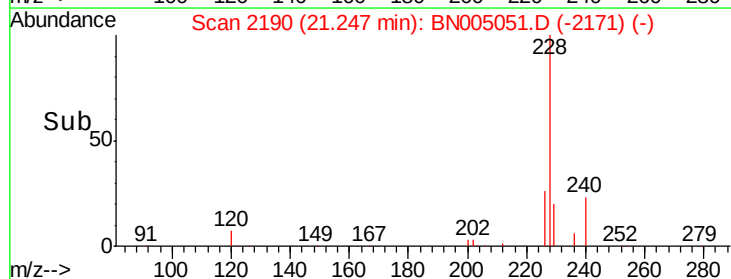
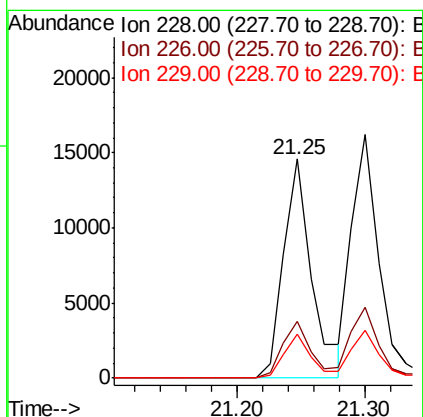
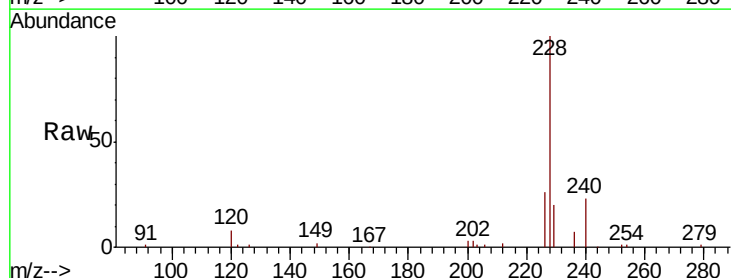
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

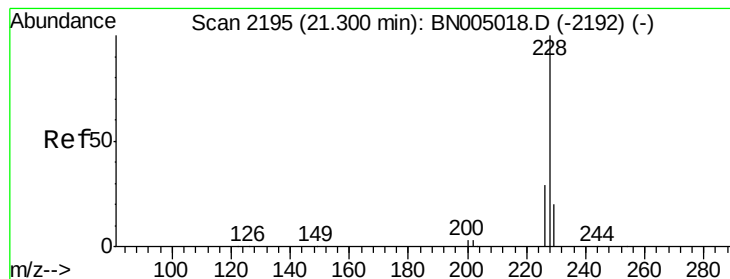
Tgt Ion: 244 Resp: 16558
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.8 9.0 13.4



#30
 Benzo(a)anthracene
 Concen: 0.426 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BN005051.D
 Acq: 01 Apr 2019 16:52

Tgt Ion: 228 Resp: 22003
 Ion Ratio Lower Upper
 228 100
 226 26.2 20.9 31.3
 229 20.0 16.2 24.2





#31

Chrysene

Concen: 0.421 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

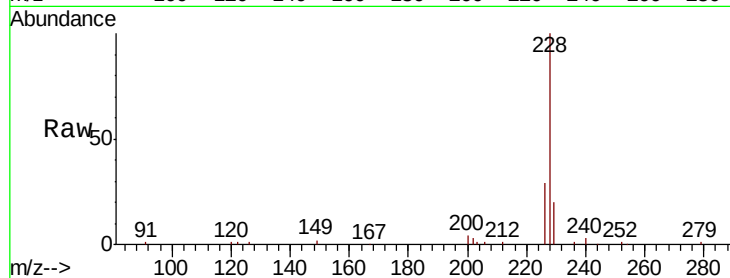
Tgt Ion:228 Resp: 23456

Ion Ratio Lower Upper

228 100

226 29.0 22.8 34.2

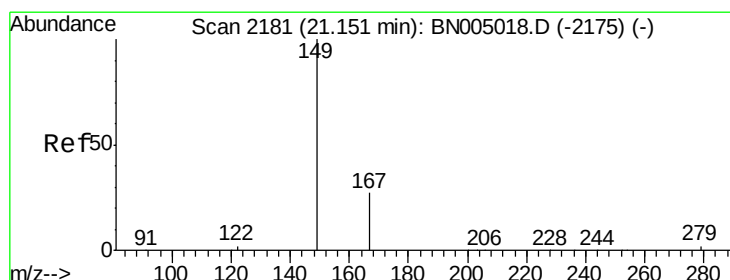
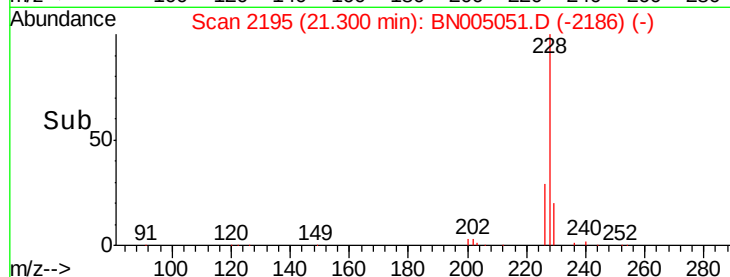
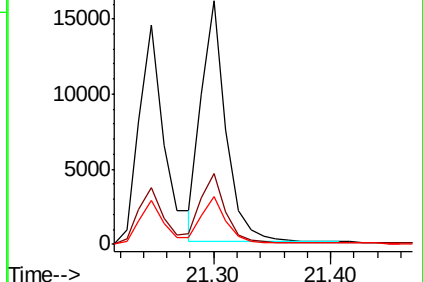
229 19.8 16.2 24.4



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: 0.361 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

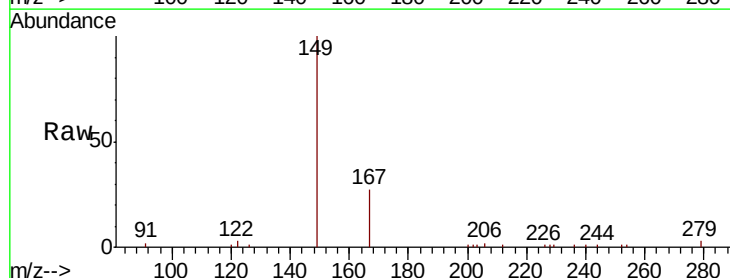
Tgt Ion:149 Resp: 7816

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

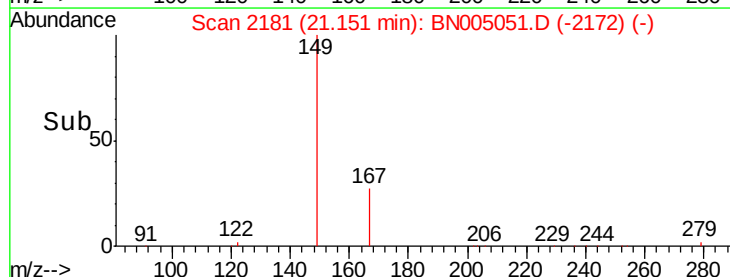
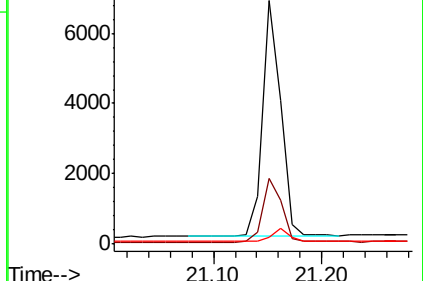
279 5.5 4.2 6.4

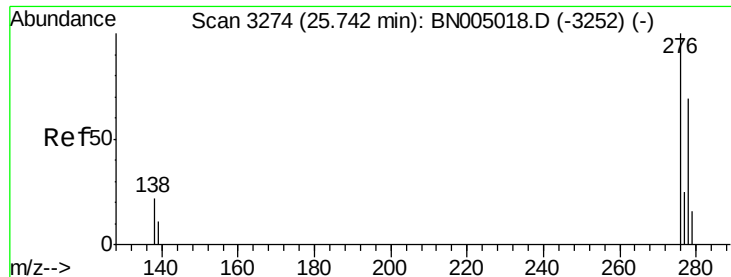


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.399 ng

RT: 25.75 min Scan# 3277

Delta R.T. 0.01 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

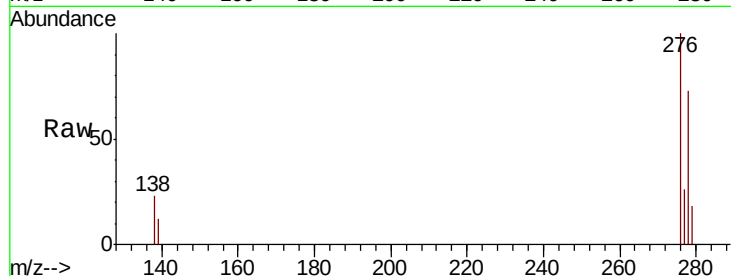
Tgt Ion:276 Resp: 24976

Ion Ratio Lower Upper

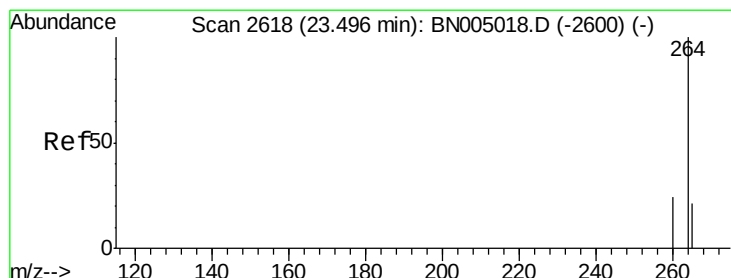
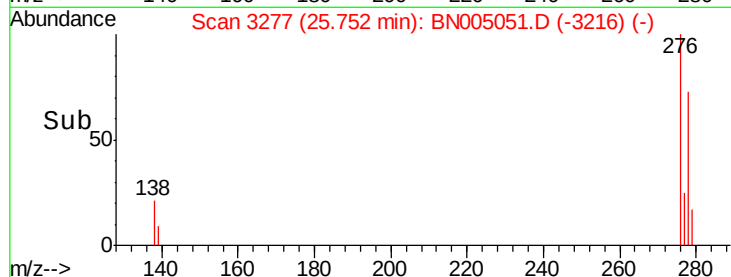
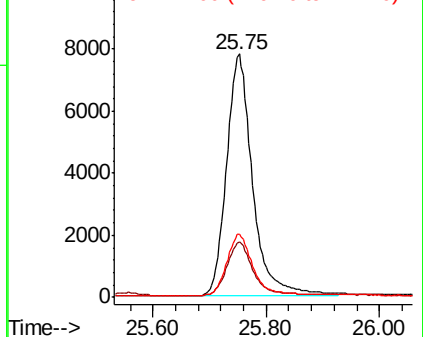
276 100

138 22.4 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: BN005051.D

Acq: 01 Apr 2019 16:52

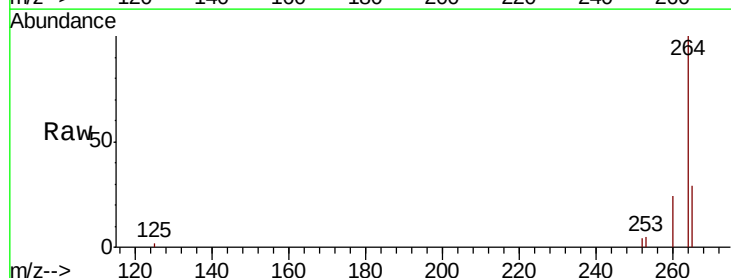
Tgt Ion:264 Resp: 17293

Ion Ratio Lower Upper

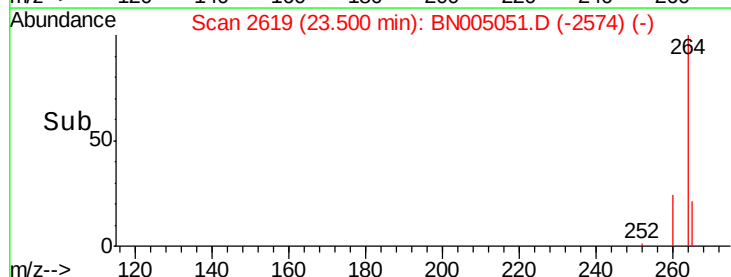
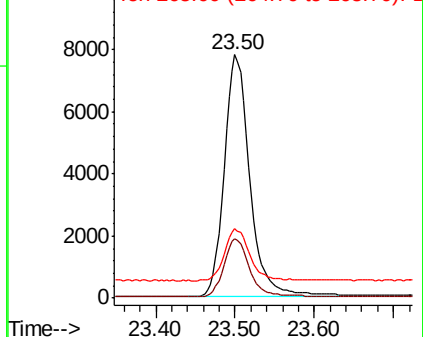
264 100

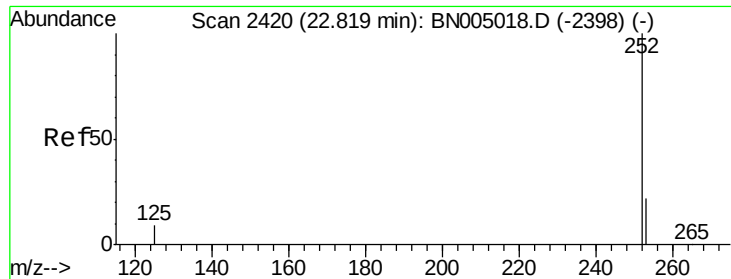
260 24.5 19.4 29.0

265 28.5 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

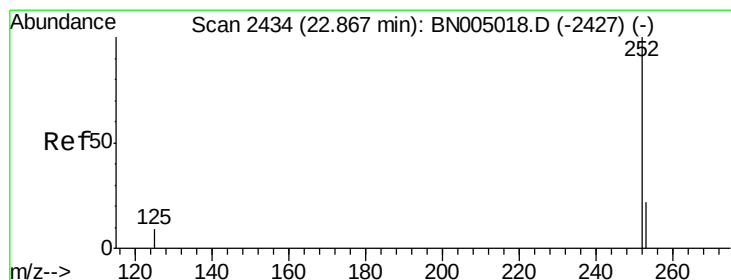
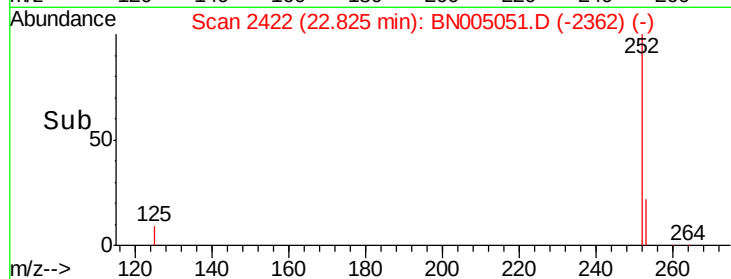
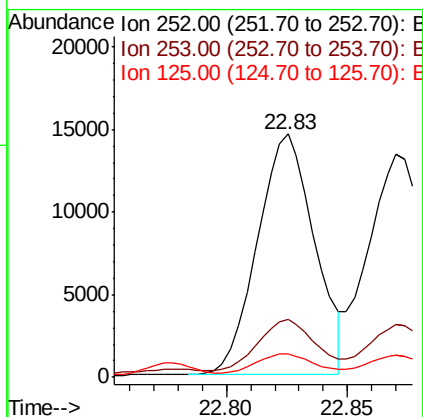
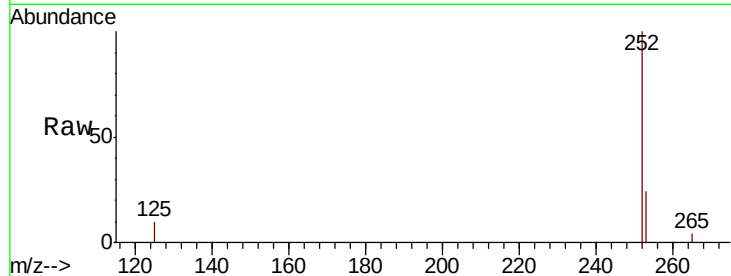




#35
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 22.83 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

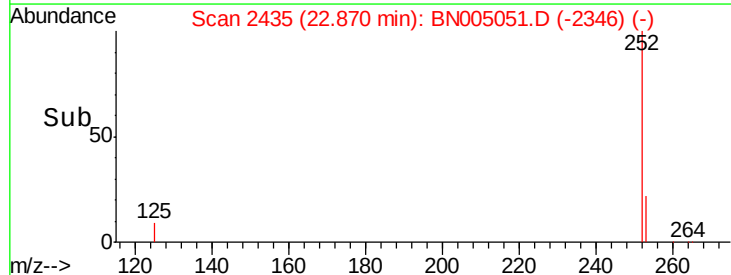
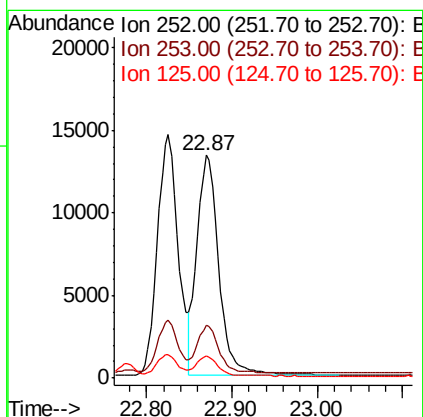
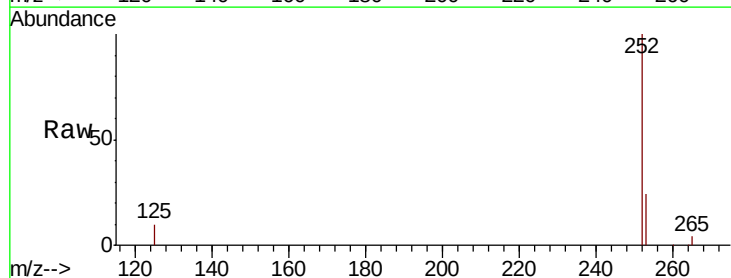
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

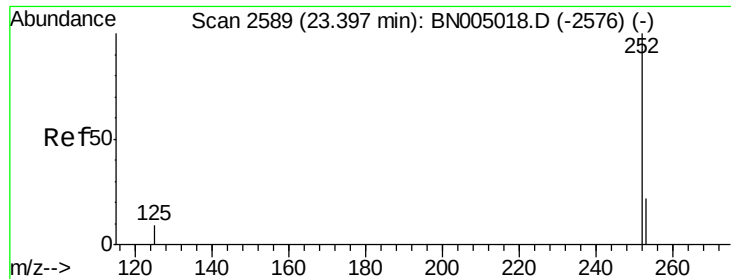
Tgt Ion:252 Resp: 23742
Ion Ratio Lower Upper
252 100
253 23.7 19.2 28.8
125 9.7 8.2 12.2



#36
Benzo(k)fluoranthene
Concen: 0.439 ng
RT: 22.87 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:252 Resp: 23525
Ion Ratio Lower Upper
252 100
253 23.8 19.3 28.9
125 9.8 8.2 12.2





#37

Benzo(a)pyrene

Concen: 0.430 ng

RT: 23.40 min Scan# 2590

Delta R.T. 0.00 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

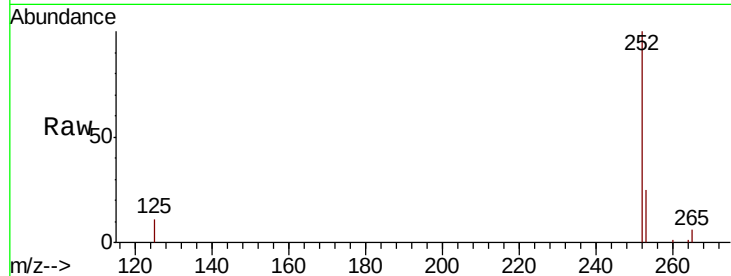
Tgt Ion:252 Resp: 21173

Ion Ratio Lower Upper

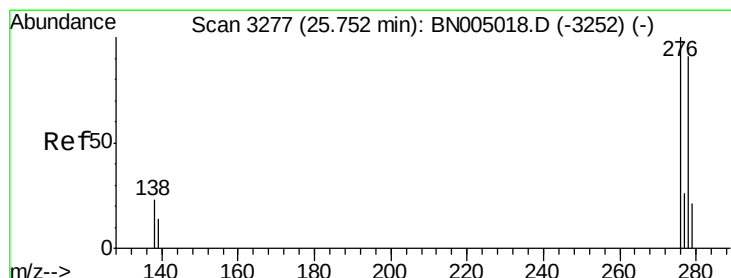
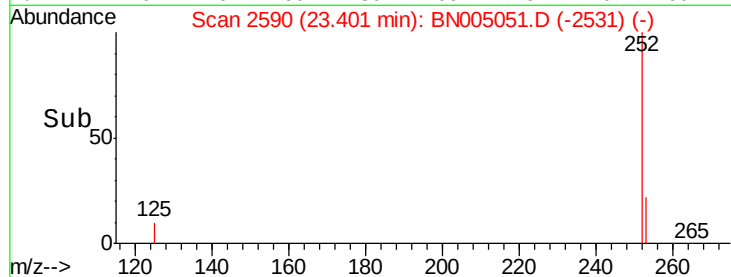
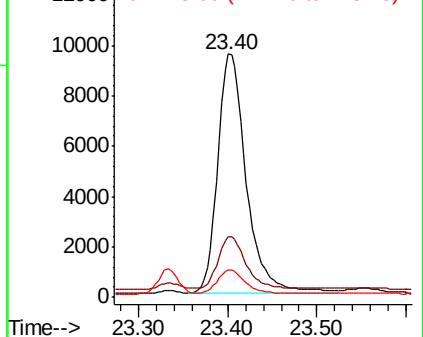
252 100

253 24.9 20.2 30.2

125 11.2 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: 0.411 ng

RT: 25.76 min Scan# 3279

Delta R.T. 0.01 min

Lab File: BN005051.D

Acq: 01 Apr 2019 16:52

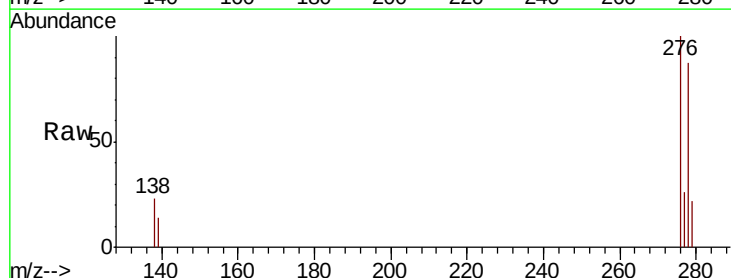
Tgt Ion:278 Resp: 20271

Ion Ratio Lower Upper

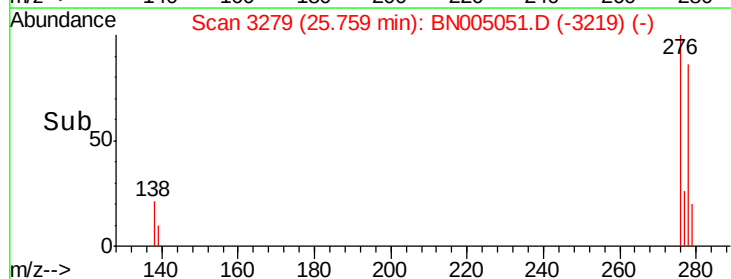
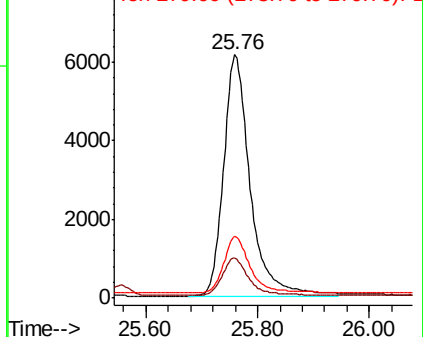
278 100

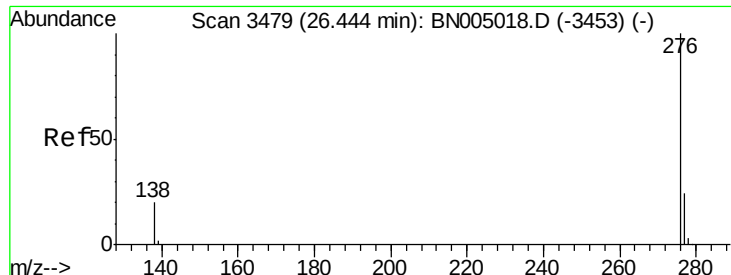
139 16.5 13.1 19.7

279 25.4 20.2 30.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.416 ng

RT: 26.45 min Scan# 3480

Delta R.T. 0.00 min

Lab File: BN005051.D

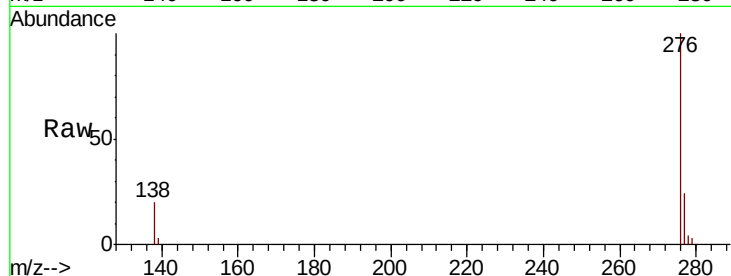
Acq: 01 Apr 2019 16:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 20651

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.6

138 20.5 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

