

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
 Data File : BN005018.D
 Acq On : 28 Mar 2019 18:38
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Mar 29 03:21:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2728	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	11465	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7017	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	17227	0.40	ng	0.00
27) Chrysene-d12	21.26	240	20560	0.40	ng	0.00
34) Perylene-d12	23.50	264	20559	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	2630	0.35	ng	0.00
5) Phenol-d6	6.85	99	3033	0.33	ng	0.00
8) Nitrobenzene-d5	8.83	82	2490	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	6927	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1388	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	10511	0.36	ng	0.00
25) Fluoranthene-d10	19.10	212	18659	0.32	ng	0.00
29) Terphenyl-d14	19.69	244	16457	0.39	ng	0.00

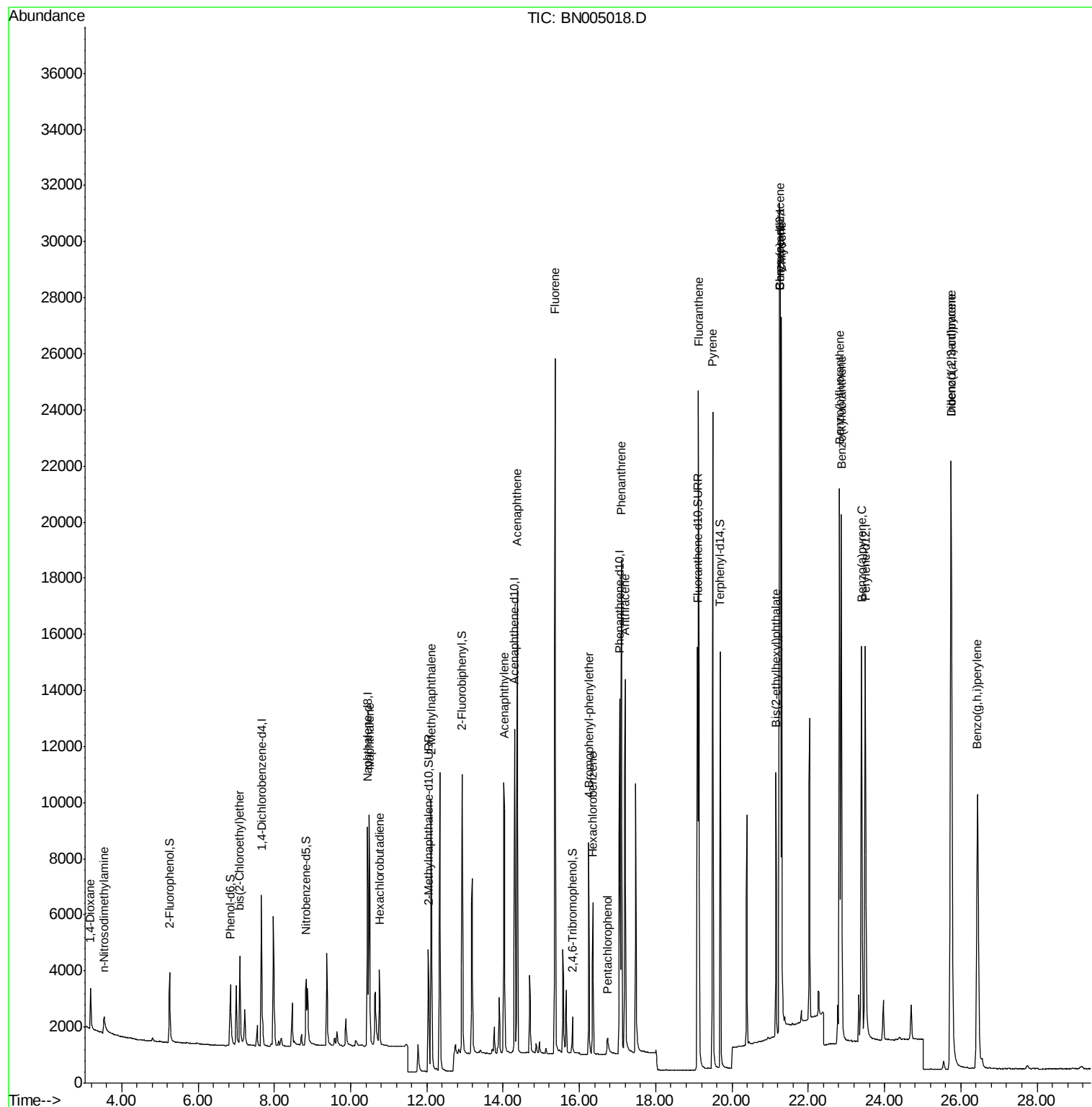
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	1145	0.369	ng	99
3) n-Nitrosodimethylamine	3.54	42	586	0.320	ng	98
6) bis(2-Chloroethyl)ether	7.10	93	2983	0.358	ng	100
9) Naphthalene	10.49	128	11291	0.351	ng	100
10) Hexachlorobutadiene	10.76	225	2127	0.347	ng	# 100
12) 2-Methylnaphthalene	12.11	142	8140	0.341	ng	100
16) Acenaphthylene	14.02	152	12285	0.340	ng	100
17) Acenaphthene	14.37	154	8142	0.344	ng	100
18) Fluorene	15.36	166	10955	0.332	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	3774	0.335	ng	100
21) Hexachlorobenzene	16.36	284	4164	0.323	ng	100
22) Pentachlorophenol	16.74	266	682	0.271	ng	100
23) Phenanthrene	17.10	178	18571	0.334	ng	100
24) Anthracene	17.20	178	15932	0.321	ng	100
26) Fluoranthene	19.13	202	22482	0.314	ng	100
28) Pyrene	19.49	202	22797	0.364	ng	100
30) Benzo(a)anthracene	21.25	228	21683	0.322	ng	100
31) Chrysene	21.30	228	24742	0.348	ng	100
32) Bis(2-ethylhexyl)phthalate	21.15	149	8313	0.309	ng	100
33) Indeno(1,2,3-cd)pyrene	25.74	276	27607	0.269	ng	100
35) Benzo(b)fluoranthene	22.82	252	25292	0.340	ng	100
36) Benzo(k)fluoranthene	22.87	252	25191	0.344	ng	100
37) Benzo(a)pyrene	23.40	252	22494	0.330	ng	100
38) Dibenzo(a,h)anthracene	25.75	278	22467	0.284	ng	100
39) Benzo(g,h,i)perylene	26.44	276	22834	0.284	ng	100

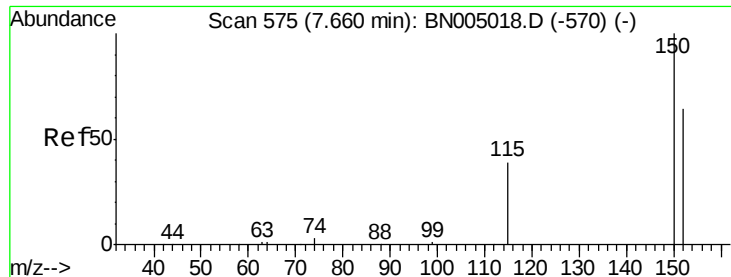
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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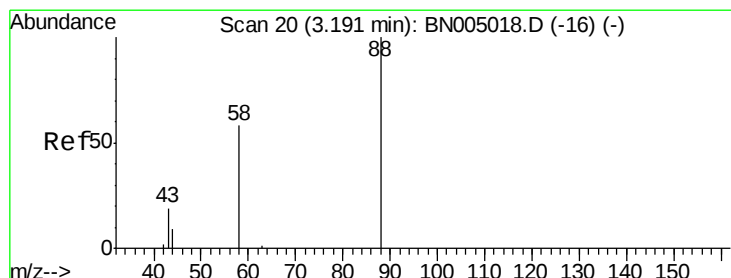
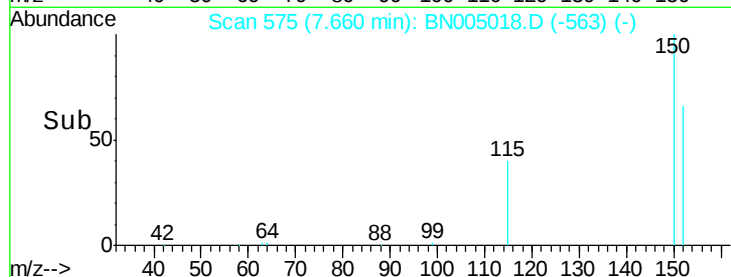
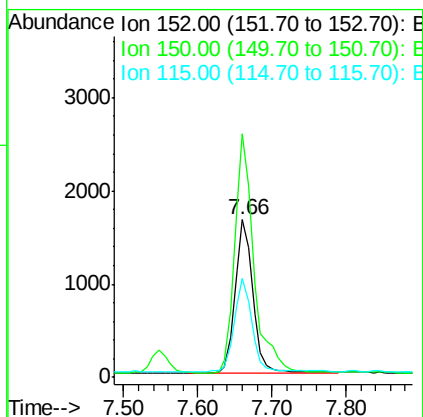
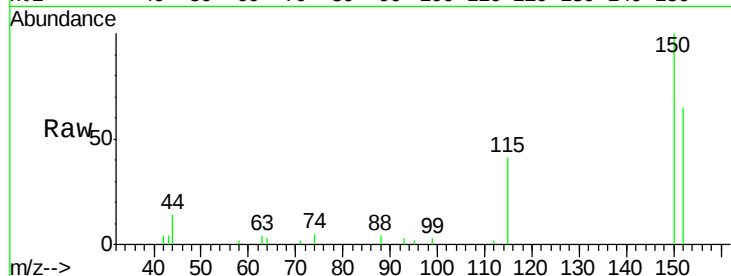


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005018.D
Acq: 28 Mar 2019 18:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

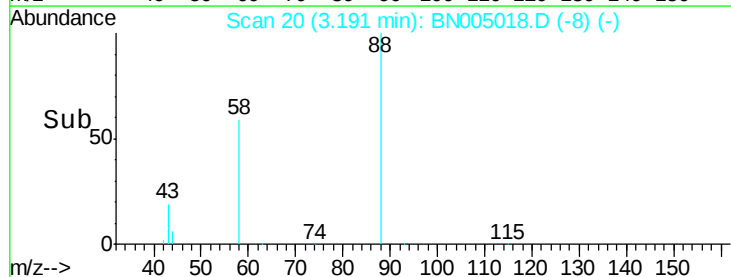
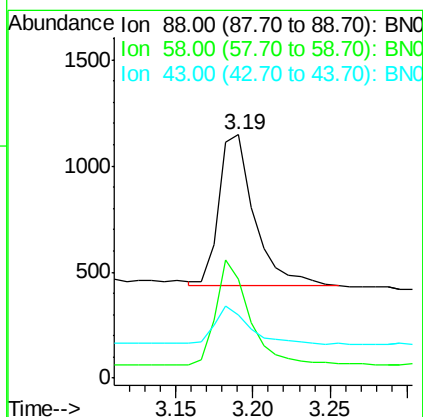
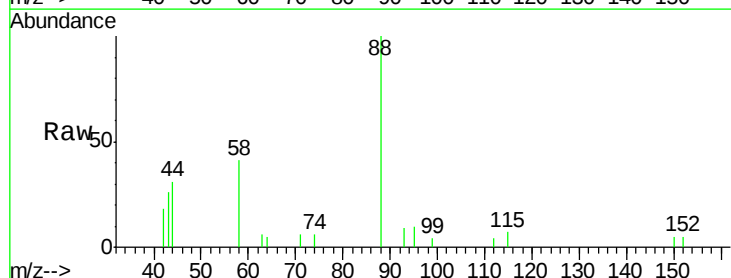
Tgt Ion:152 Resp: 2728
Ion Ratio Lower Upper
152 100
150 154.3 123.4 185.2
115 62.5 50.0 75.0

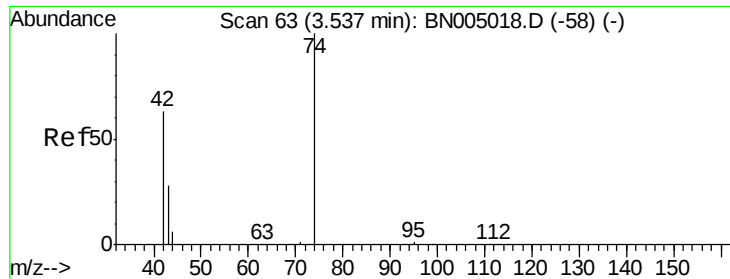


#2

1,4-Dioxane
Concen: 0.369 ng
RT: 3.19 min Scan# 20
Delta R.T. 0.00 min
Lab File: BN005018.D
Acq: 28 Mar 2019 18:38

Tgt Ion: 88 Resp: 1145
Ion Ratio Lower Upper
88 100
58 66.6 52.8 79.2
43 23.8 19.6 29.4





#3

n-Nitrosodimethylamine

Concen: 0.320 ng

RT: 3.54 min Scan# 63

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

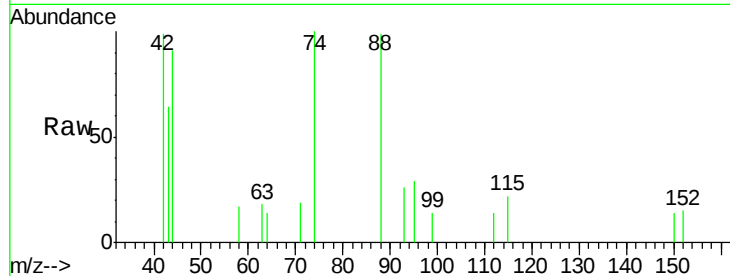
Tgt Ion: 42 Resp: 586

Ion Ratio Lower Upper

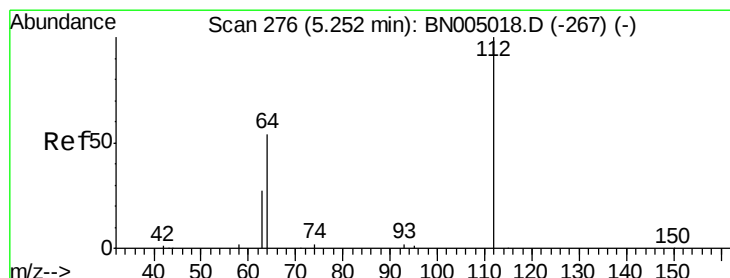
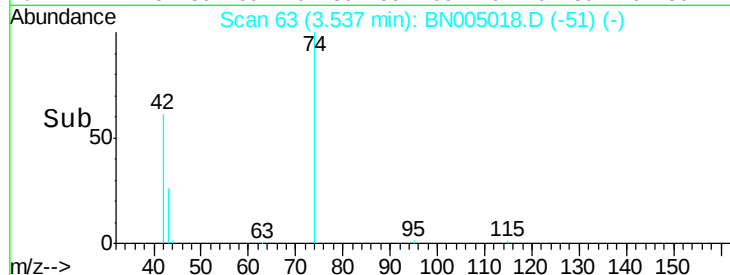
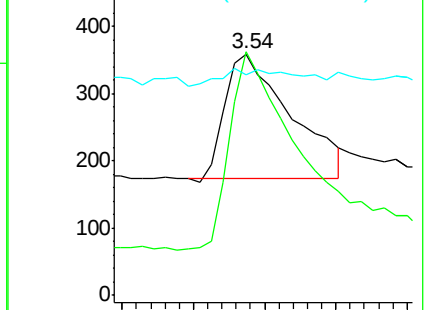
42 100

74 158.2 129.1 193.7

44 15.7 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: 0.355 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

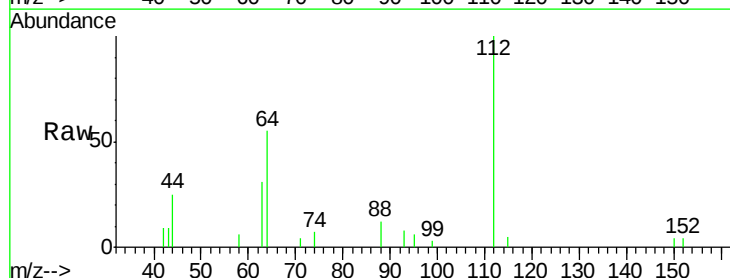
Tgt Ion: 112 Resp: 2630

Ion Ratio Lower Upper

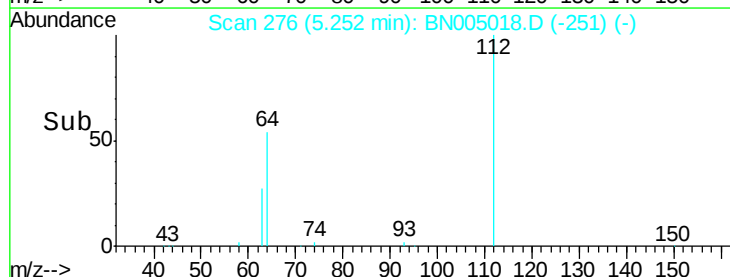
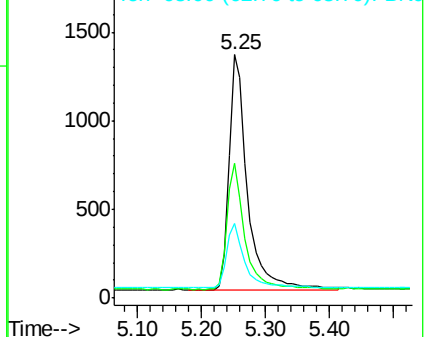
112 100

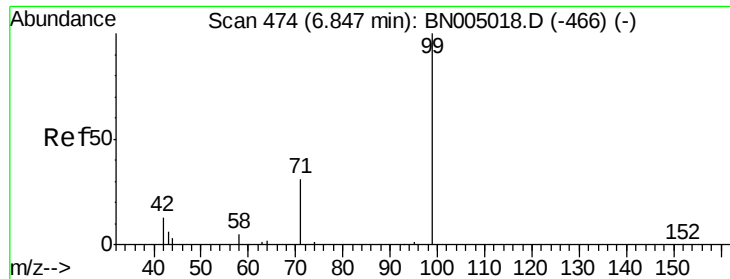
64 52.4 41.9 62.9

63 26.9 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: 0.329 ng

RT: 6.85 min Scan# 474

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

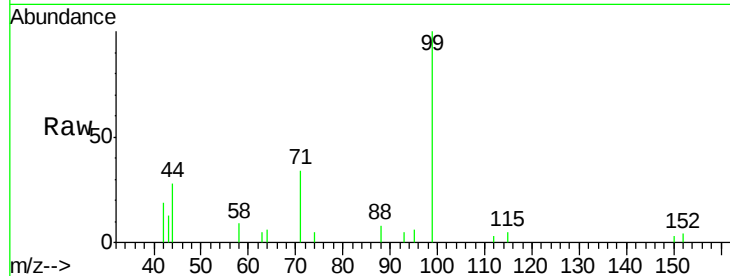
Tgt Ion: 99 Resp: 3033

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

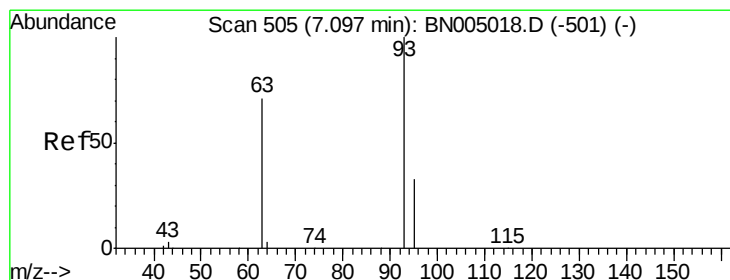
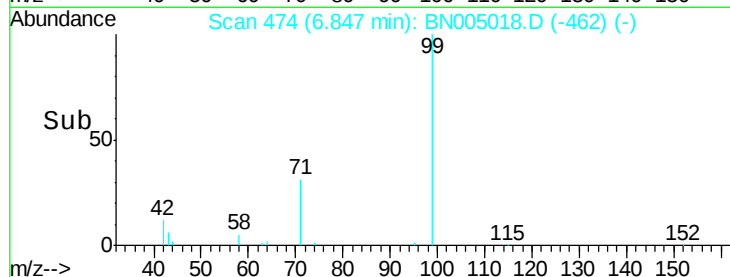
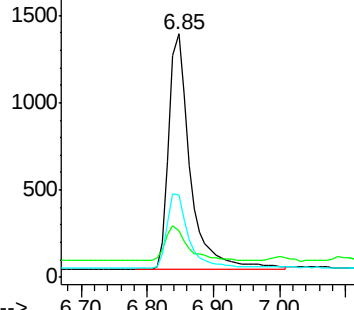
71 32.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.358 ng

RT: 7.10 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

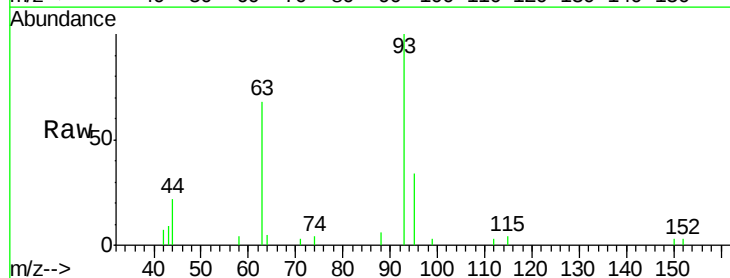
Tgt Ion: 93 Resp: 2983

Ion Ratio Lower Upper

93 100

63 64.7 51.8 77.6

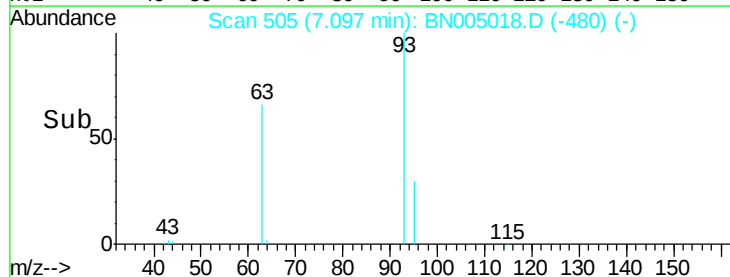
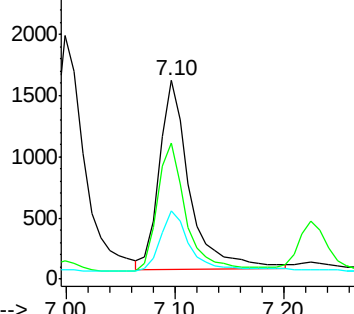
95 31.0 24.8 37.2

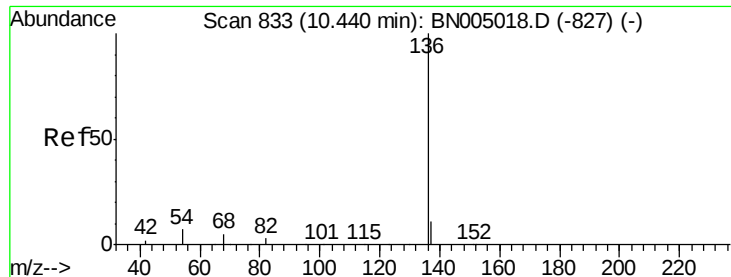


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 11465

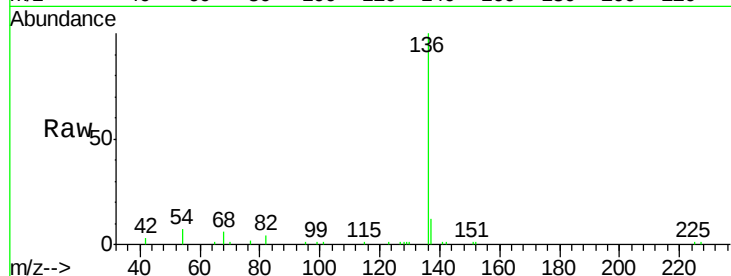
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 7.5 6.0 9.0

68 6.3 5.0 7.6

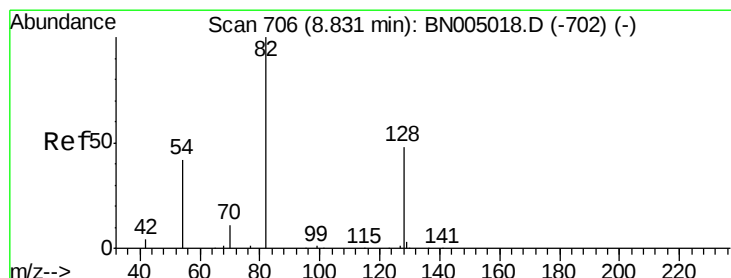
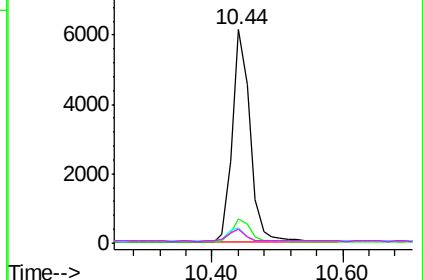
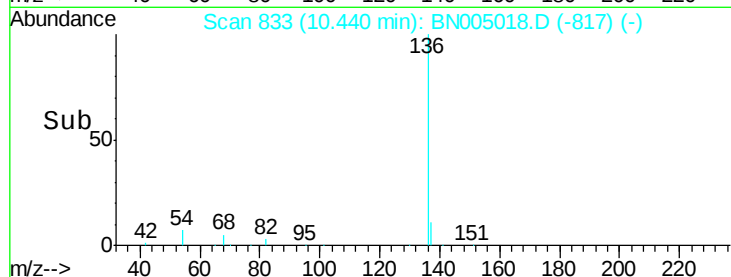


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.328 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

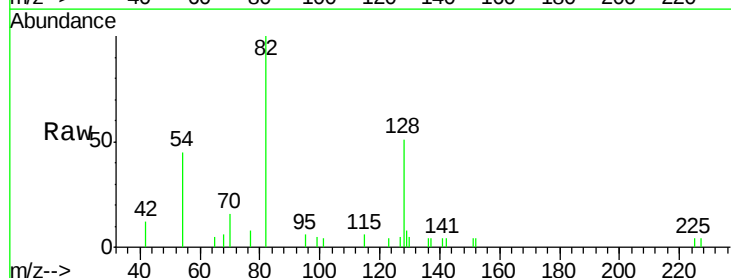
Tgt Ion: 82 Resp: 2490

Ion Ratio Lower Upper

82 100

128 50.6 40.5 60.7

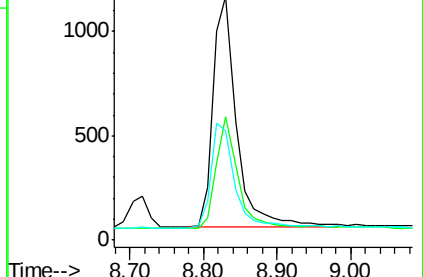
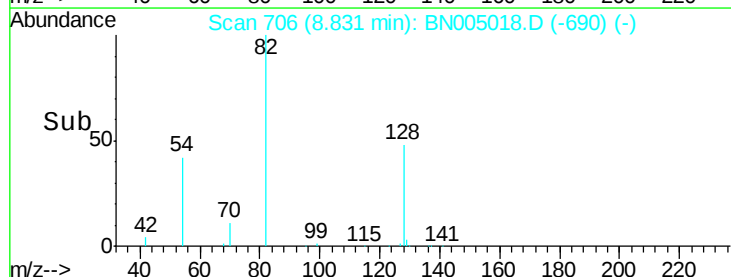
54 44.6 35.7 53.5

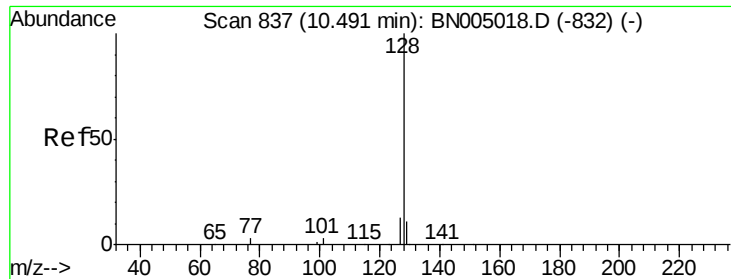


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.351 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

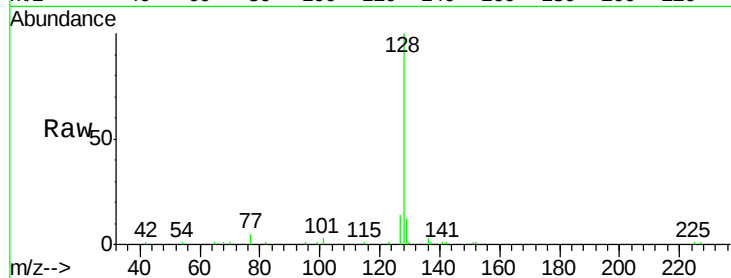
Tgt Ion:128 Resp: 11291

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

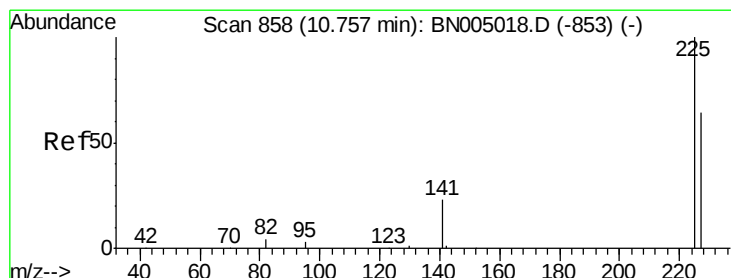
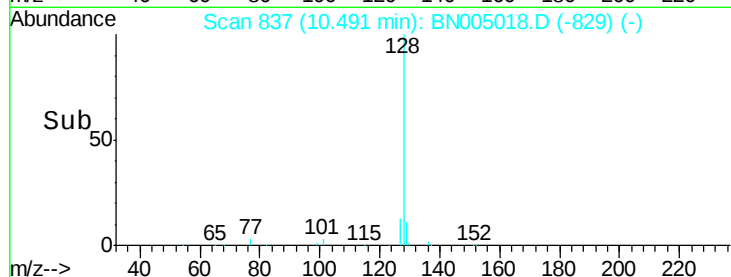
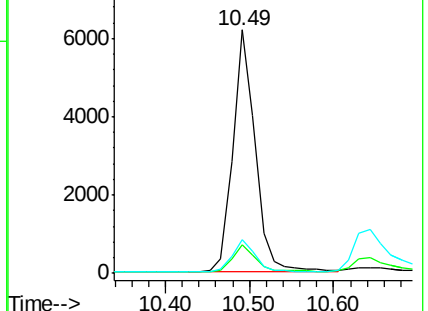
127 13.8 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.347 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

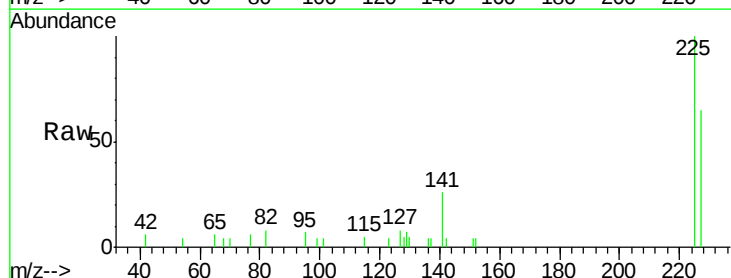
Tgt Ion:225 Resp: 2127

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

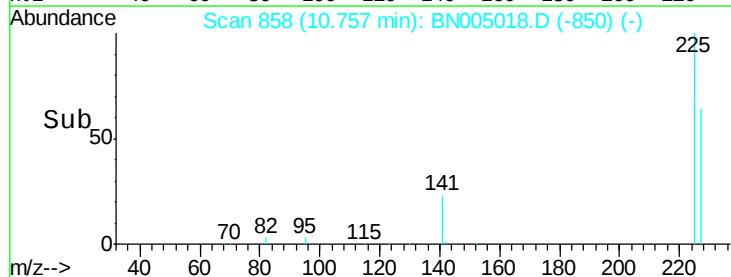
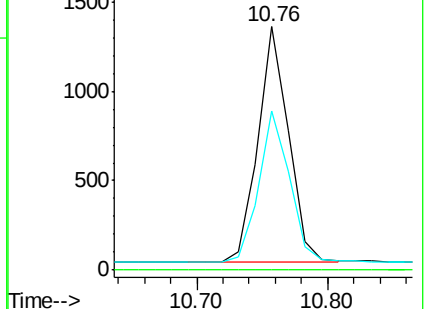
227 64.4 51.5 77.3

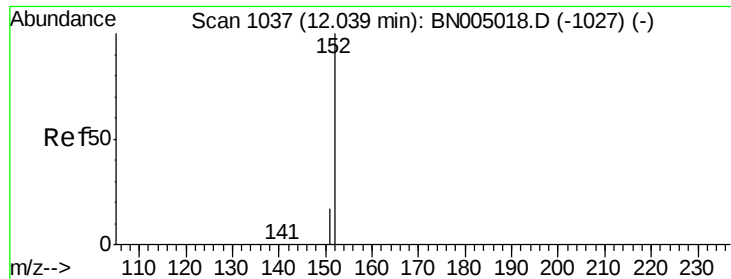


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

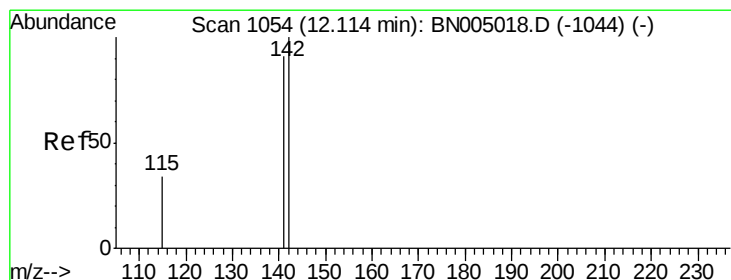
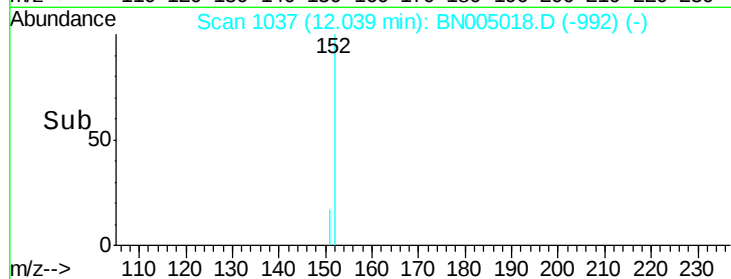
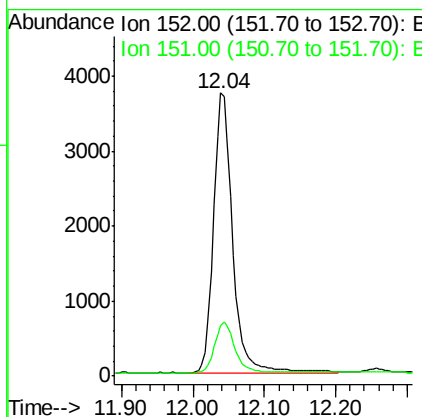
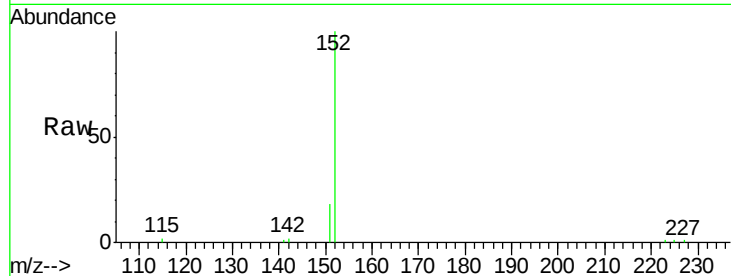




#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 12.04 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BN005018.D
 Acq: 28 Mar 2019 18:38

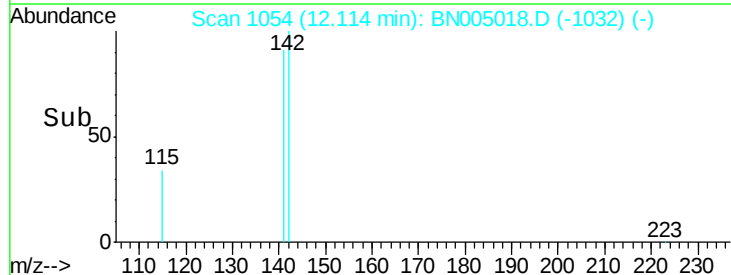
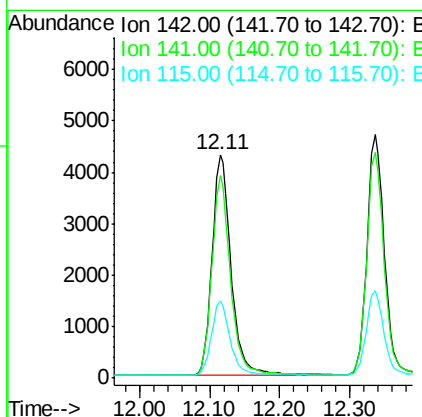
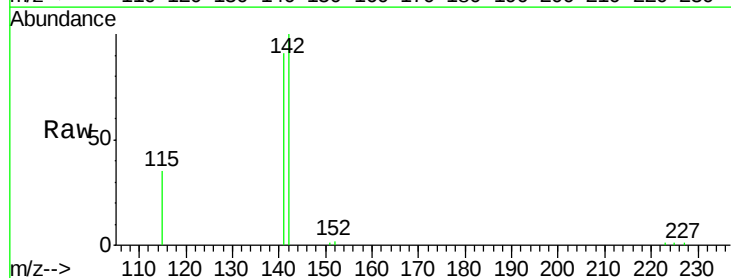
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

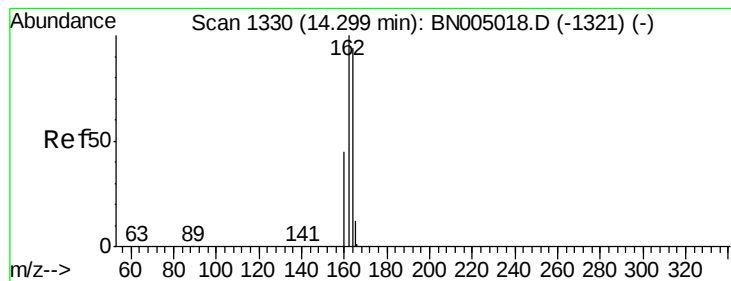
Tgt Ion:152 Resp: 6927
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.341 ng
 RT: 12.11 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BN005018.D
 Acq: 28 Mar 2019 18:38

Tgt Ion:142 Resp: 8140
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.6 108.8
 115 34.8 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: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

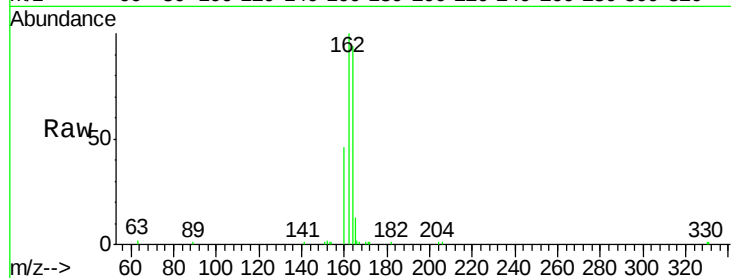
Tgt Ion:164 Resp: 7017

Ion Ratio Lower Upper

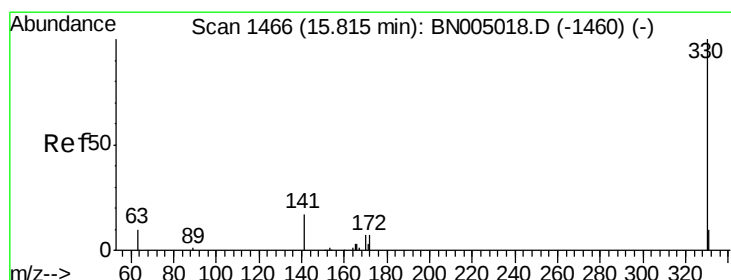
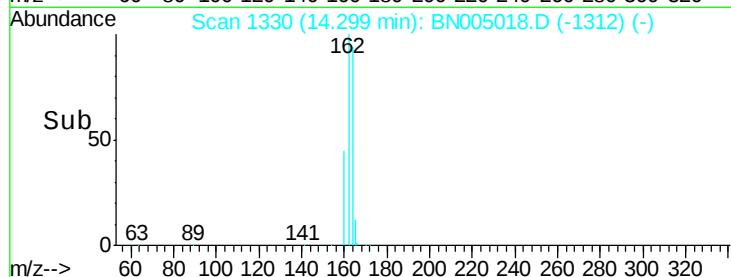
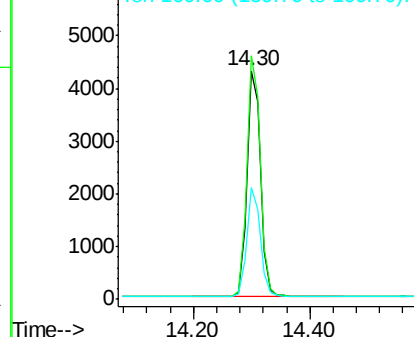
164 100

162 106.6 85.3 127.9

160 49.0 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: 0.286 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

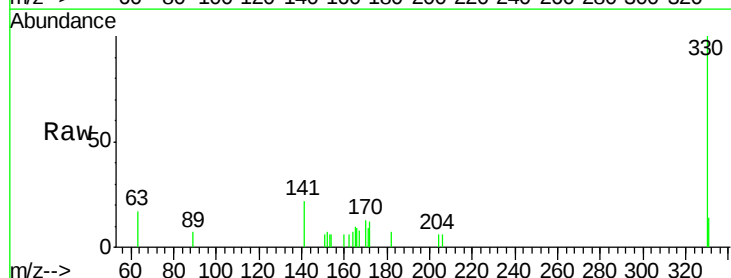
Tgt Ion:330 Resp: 1388

Ion Ratio Lower Upper

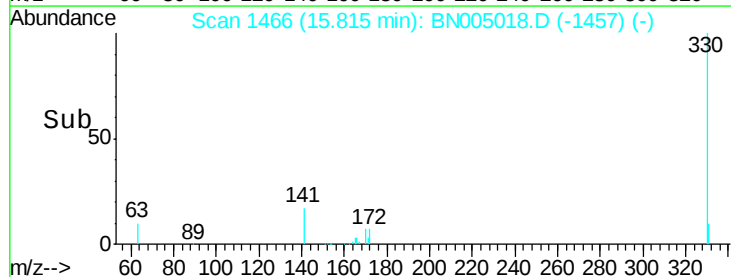
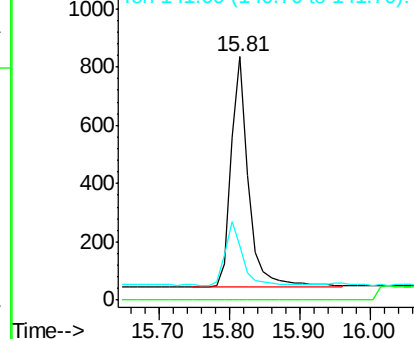
330 100

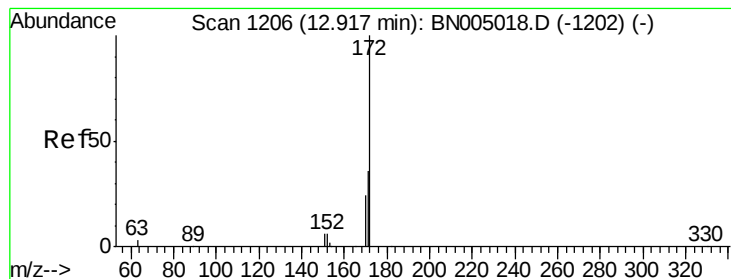
332 0.0 0.0 0.0

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: 0.362 ng

RT: 12.92 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

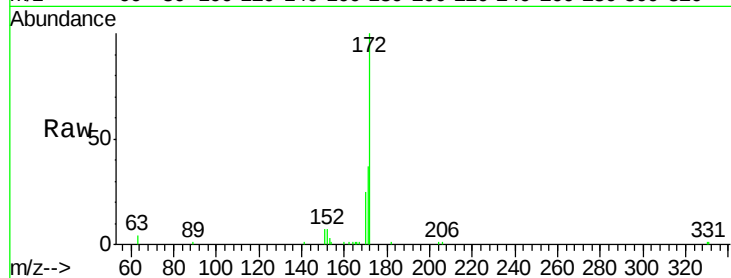
Tgt Ion:172 Resp: 10511

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

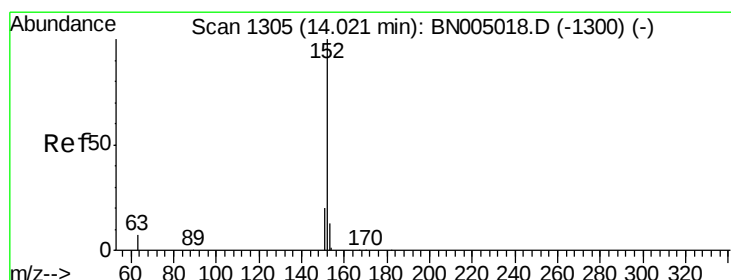
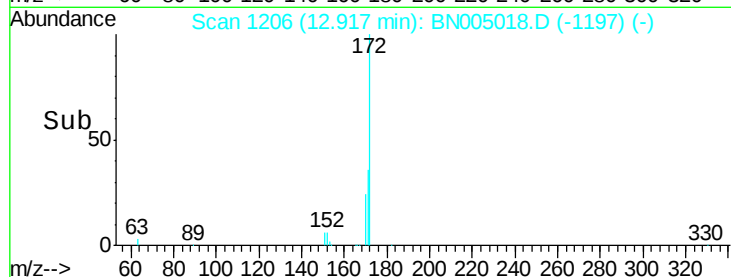
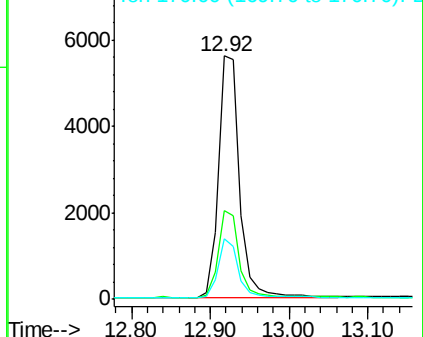
170 25.0 20.0 30.0



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: 0.340 ng

RT: 14.02 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

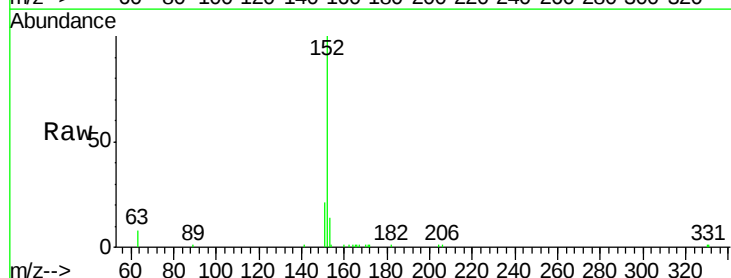
Tgt Ion:152 Resp: 12285

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

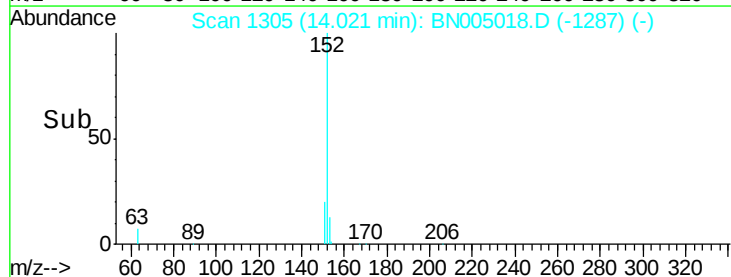
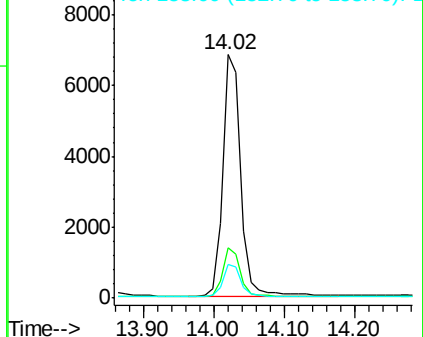
153 13.2 10.6 15.8

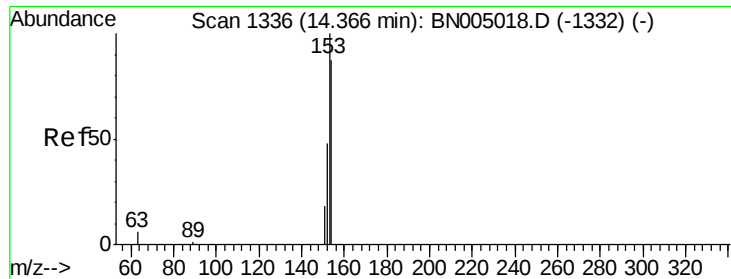


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.344 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

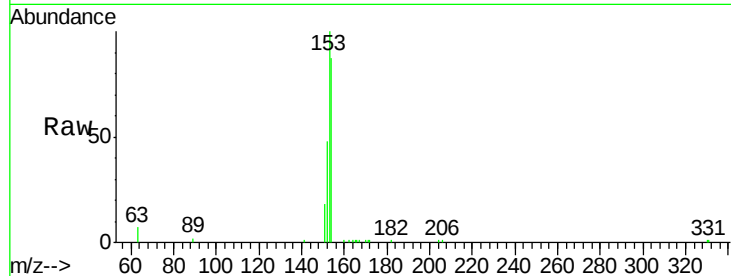
Tgt Ion:154 Resp: 8142

Ion Ratio Lower Upper

154 100

153 115.0 92.1 138.1

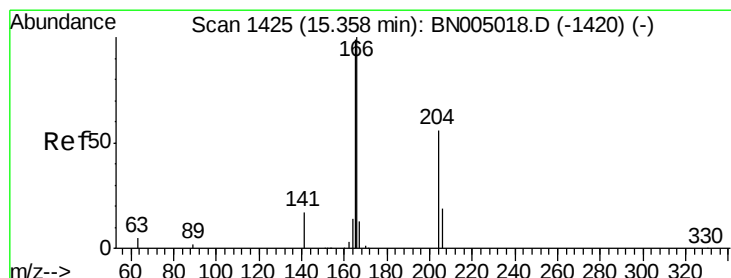
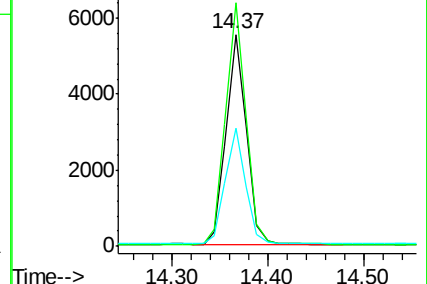
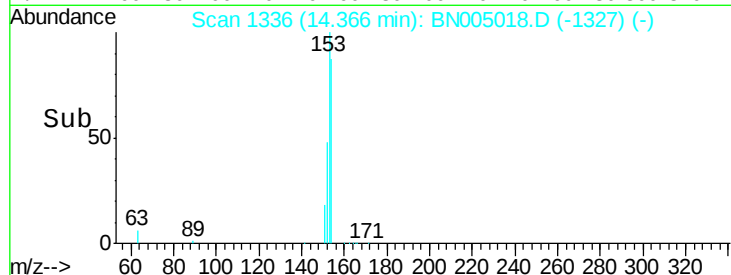
152 55.3 44.2 66.2



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: 0.332 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

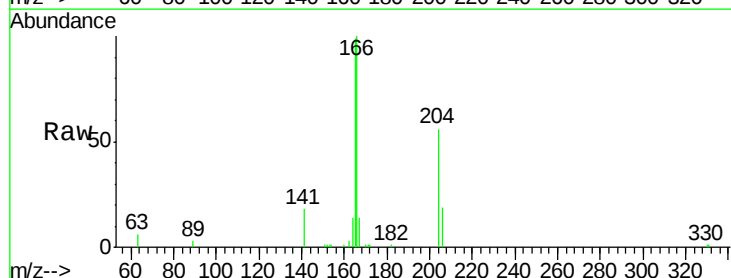
Tgt Ion:166 Resp: 10955

Ion Ratio Lower Upper

166 100

165 98.3 78.7 118.1

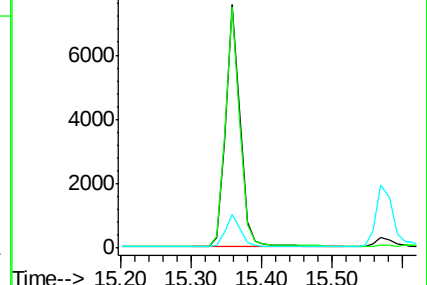
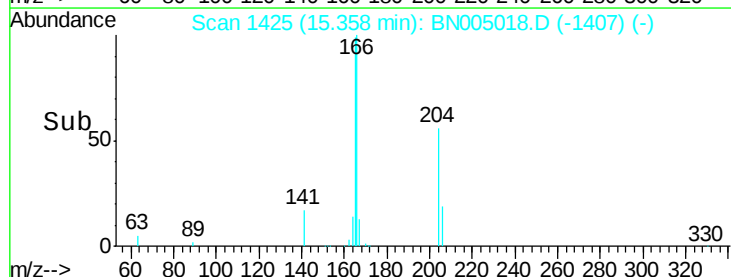
167 13.6 10.9 16.3

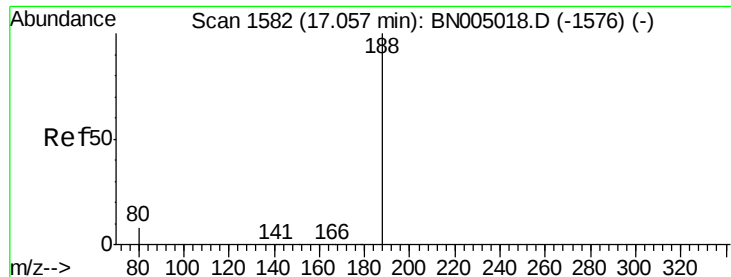


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

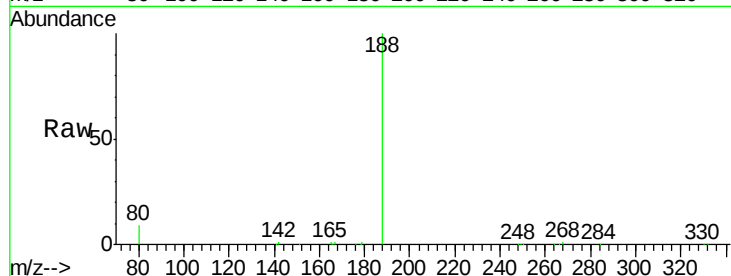
Tgt Ion:188 Resp: 17227

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

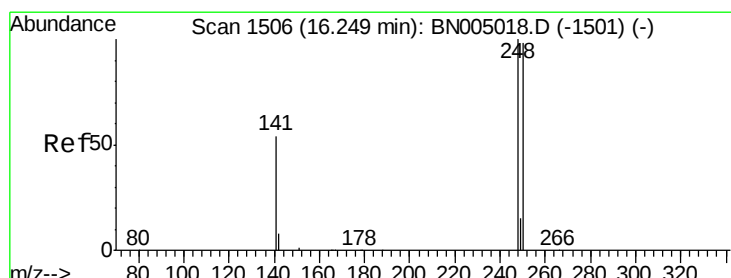
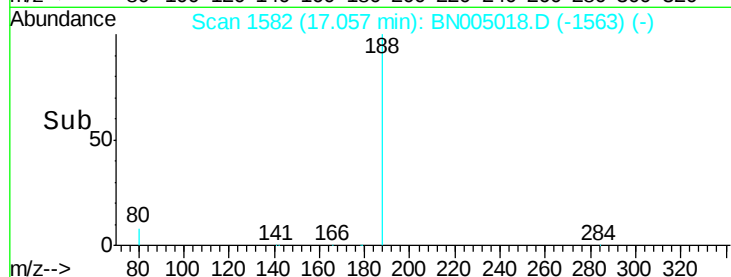
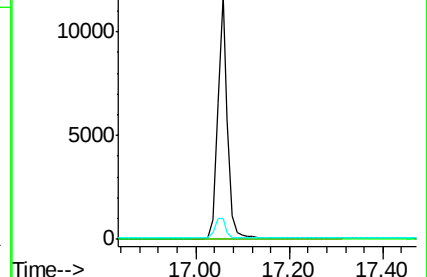
80 8.6 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.335 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

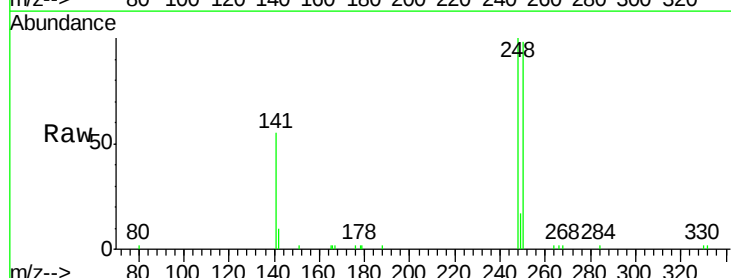
Tgt Ion:248 Resp: 3774

Ion Ratio Lower Upper

248 100

250 98.2 78.6 117.8

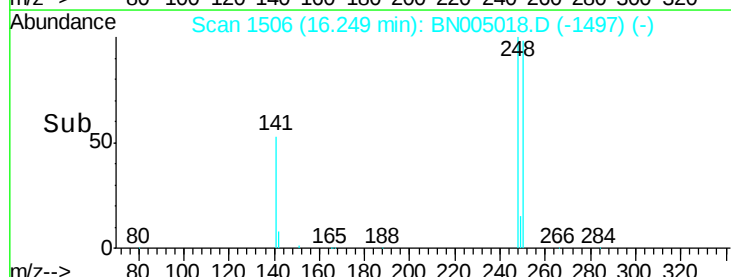
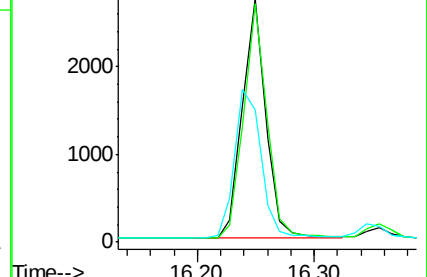
141 54.5 43.6 65.4

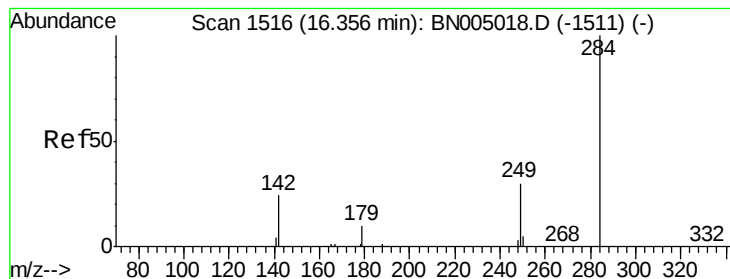


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.323 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

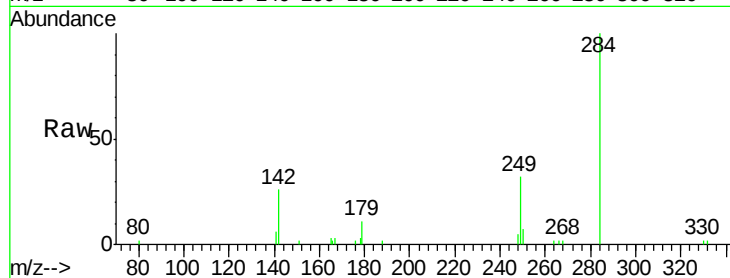
Tgt Ion:284 Resp: 4164

Ion Ratio Lower Upper

284 100

142 31.1 24.9 37.3

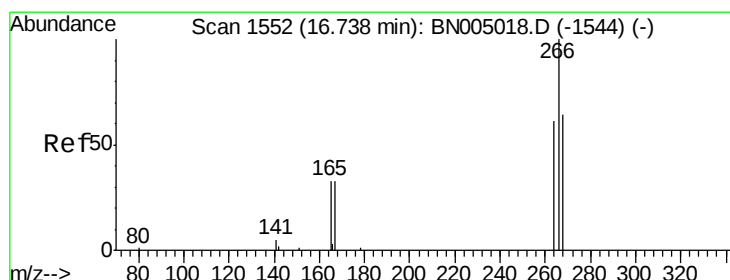
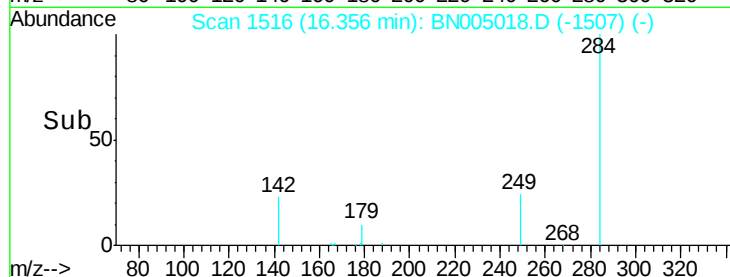
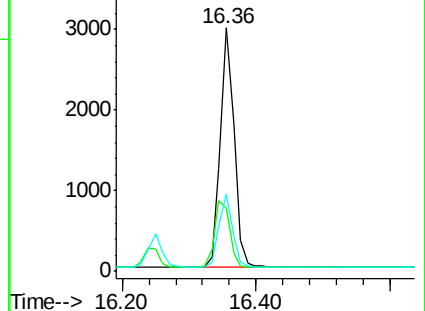
249 29.7 23.8 35.6



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: 0.271 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

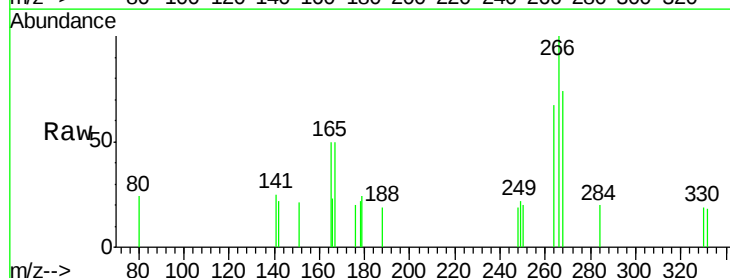
Tgt Ion:266 Resp: 682

Ion Ratio Lower Upper

266 100

264 66.7 53.4 80.0

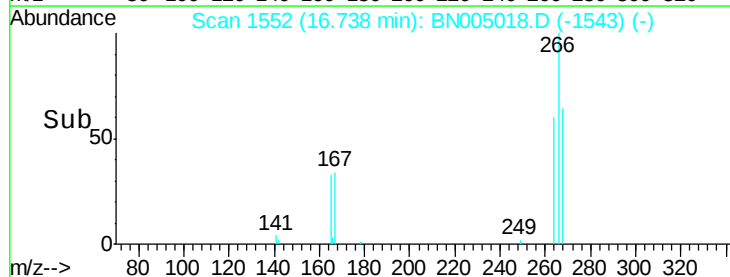
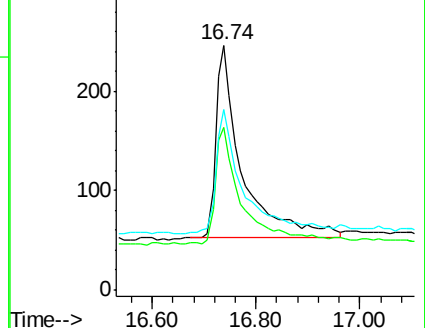
268 73.6 58.9 88.3

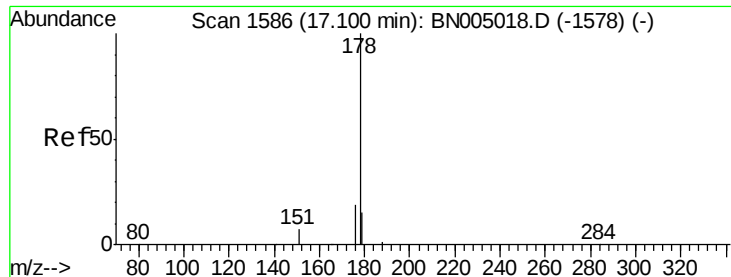


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.334 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

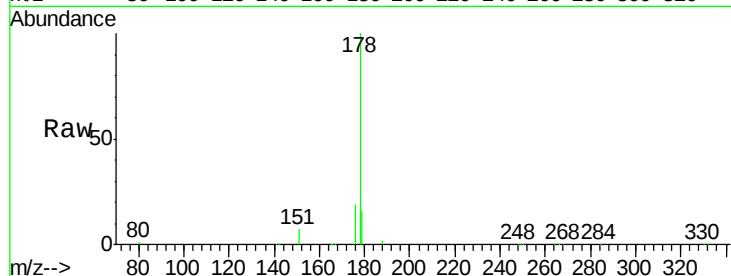
Tgt Ion:178 Resp: 18571

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

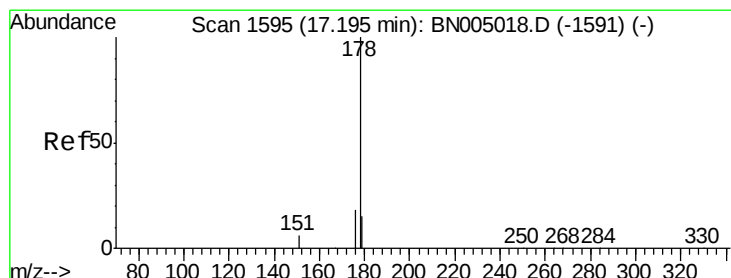
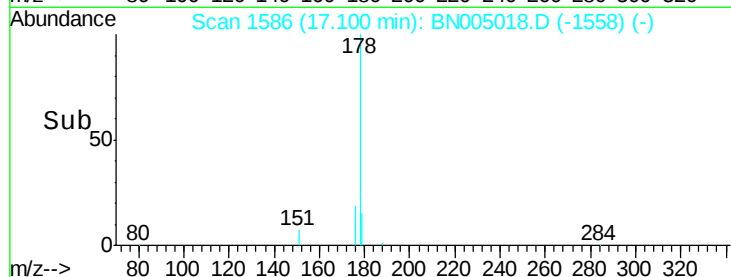
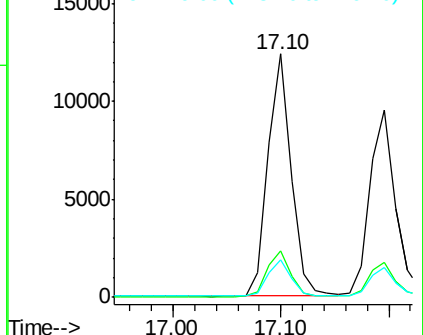
179 15.2 12.2 18.2



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: 0.321 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

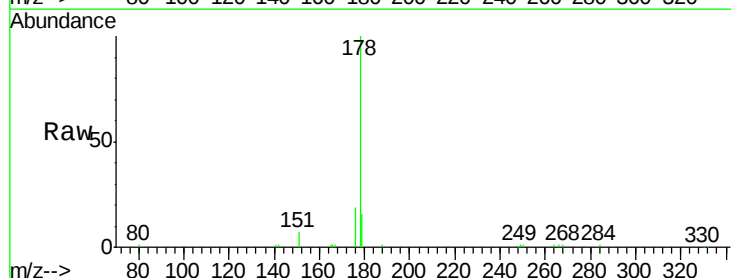
Tgt Ion:178 Resp: 15932

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

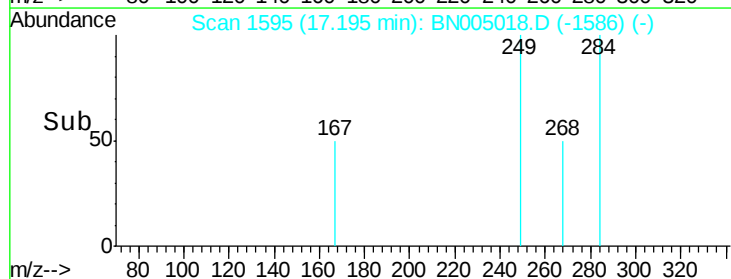
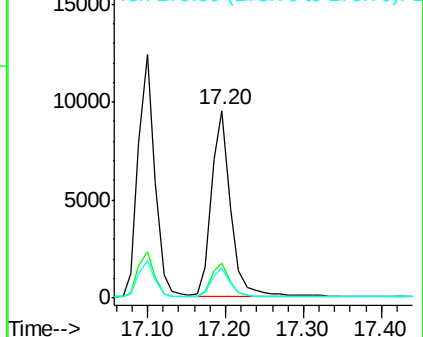
179 15.4 12.3 18.5

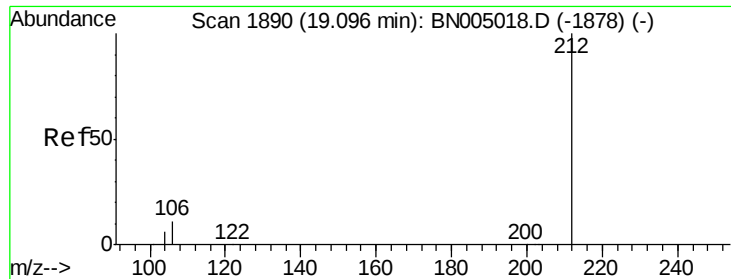


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

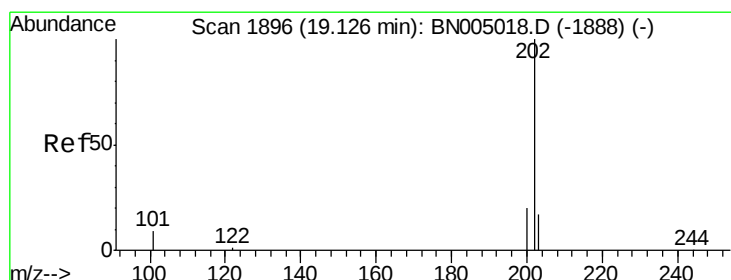
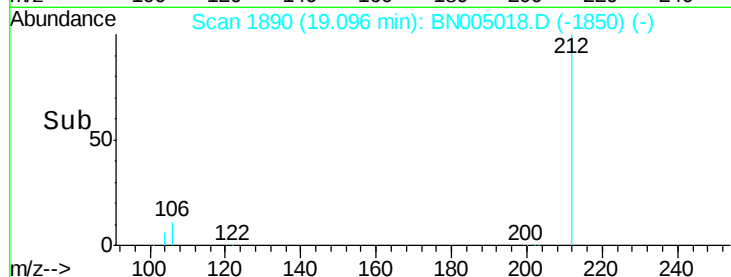
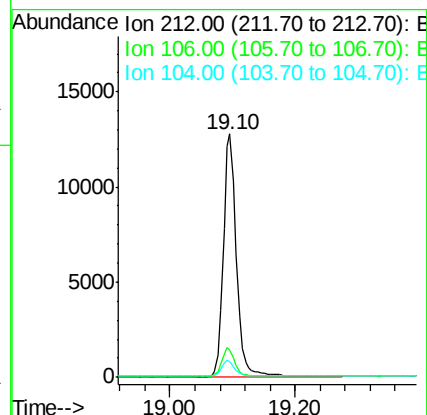
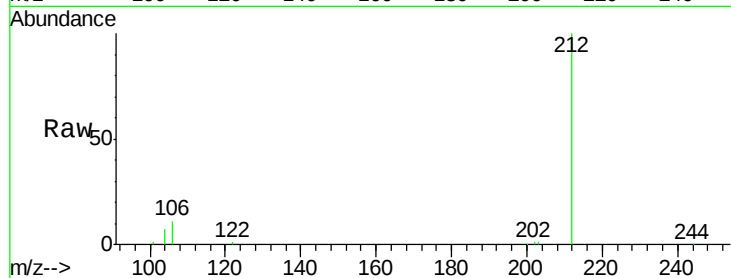




#25
 Fluoranthene-d10
 Concen: 0.323 ng
 RT: 19.10 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BN005018.D
 Acq: 28 Mar 2019 18:38

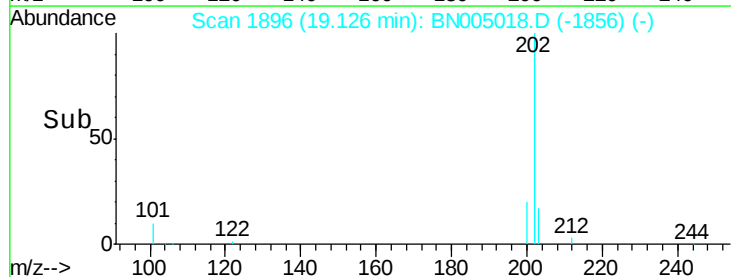
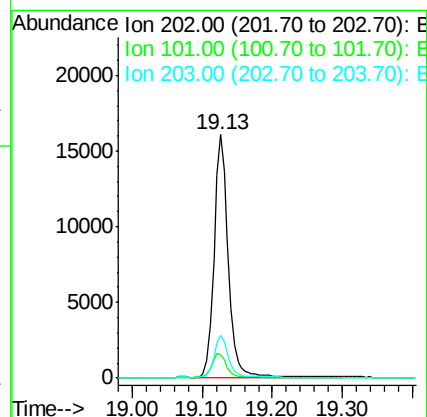
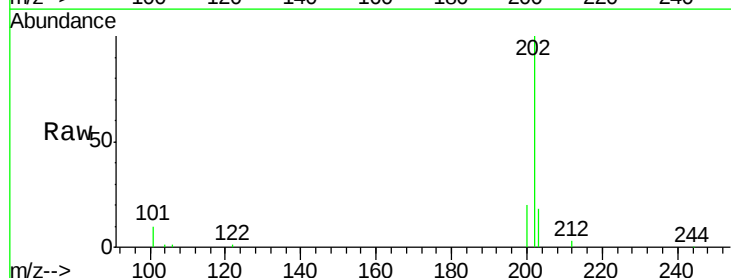
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

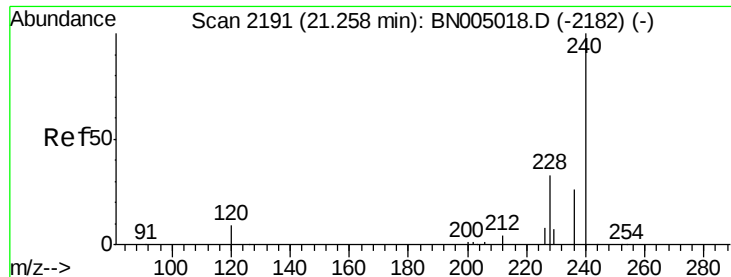
Tgt Ion: 212 Resp: 18659
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.4 14.2
 104 6.7 5.4 8.0



#26
 Fluoranthene
 Concen: 0.314 ng
 RT: 19.13 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BN005018.D
 Acq: 28 Mar 2019 18:38

Tgt Ion: 202 Resp: 22482
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.2 12.2
 203 17.3 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

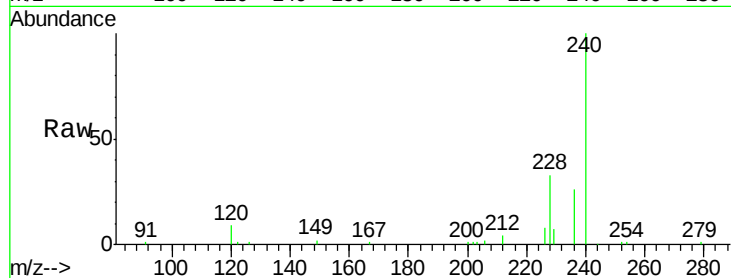
Tgt Ion:240 Resp: 20560

Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

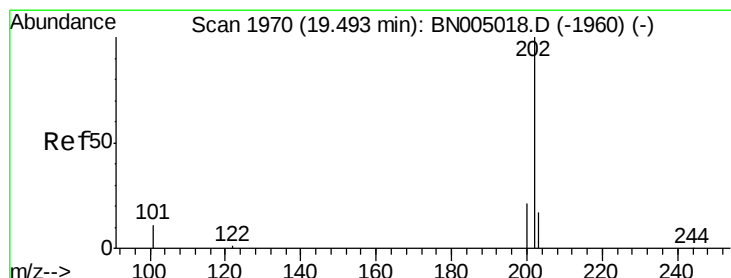
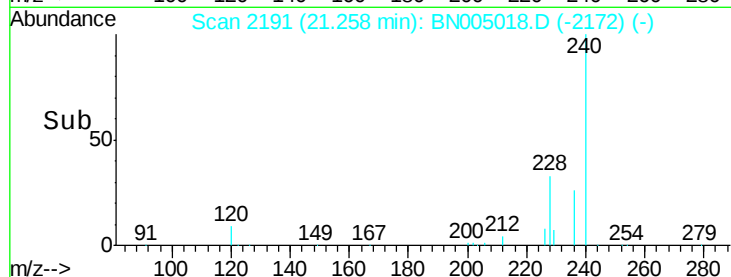
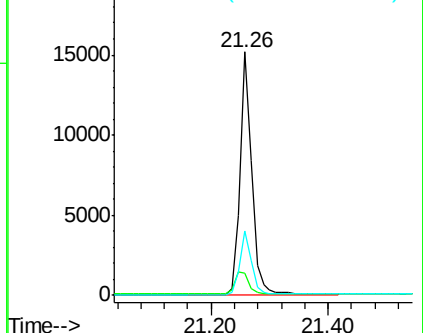
236 26.3 21.0 31.6



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: 0.364 ng

RT: 19.49 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

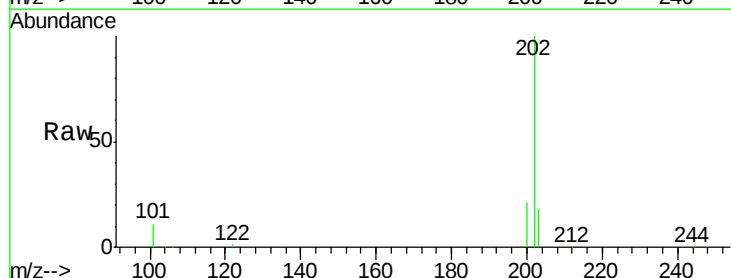
Tgt Ion:202 Resp: 22797

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

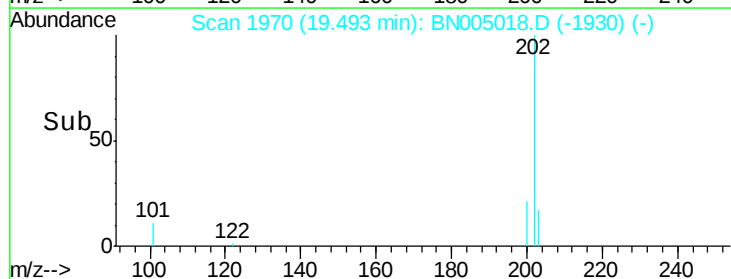
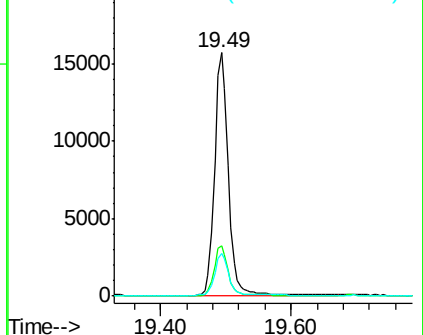
203 17.4 13.9 20.9

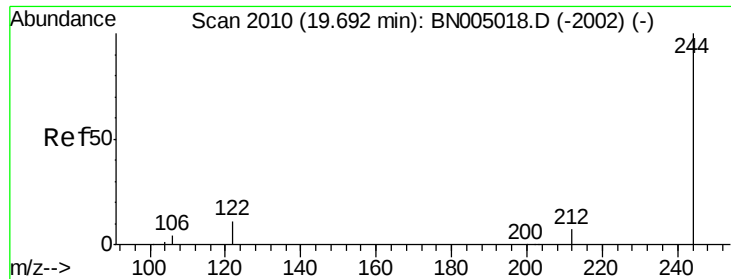


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

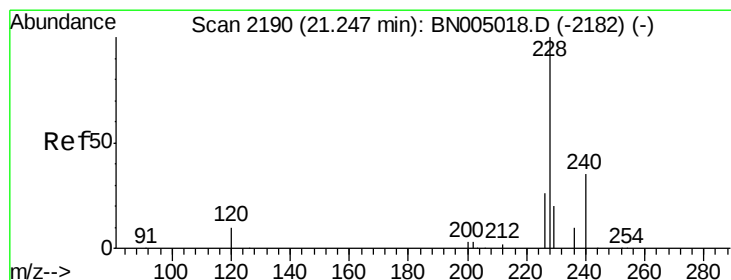
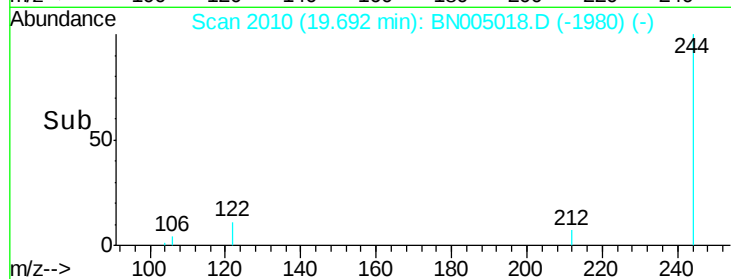
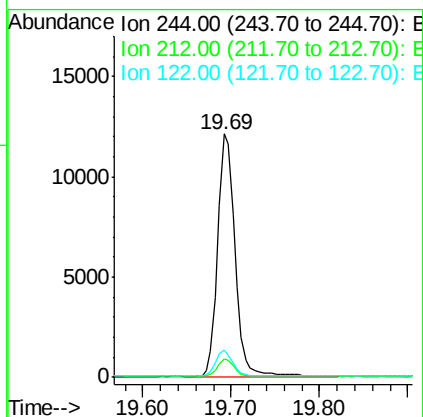
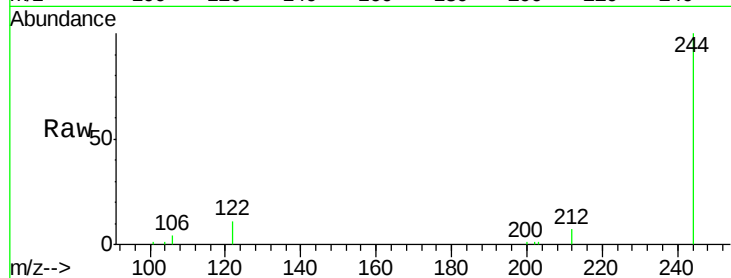




#29
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.69 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BN005018.D
 Acq: 28 Mar 2019 18:38

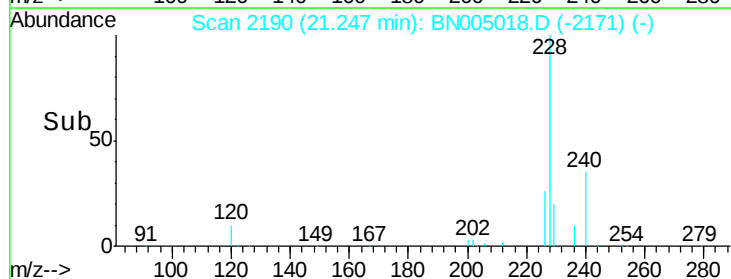
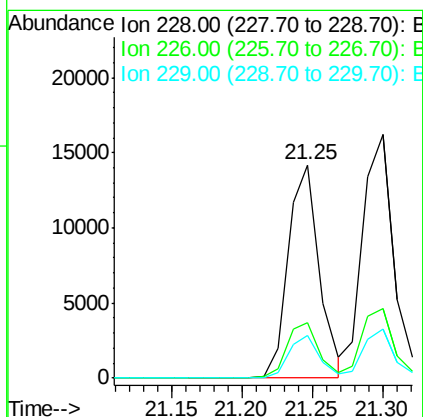
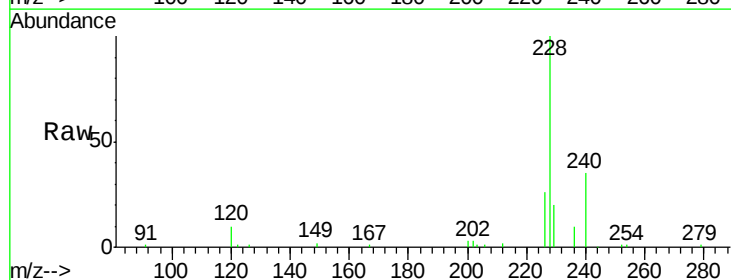
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

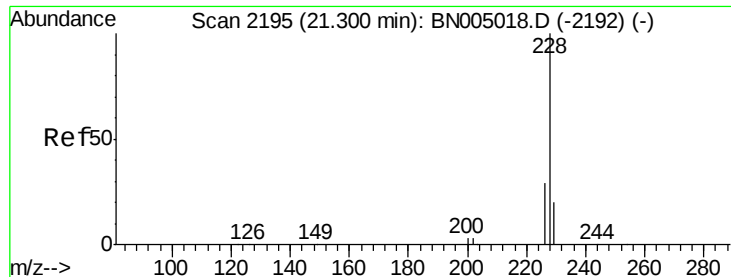
Tgt Ion:244 Resp: 16457
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.2 9.0 13.4



#30
 Benzo(a)anthracene
 Concen: 0.322 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BN005018.D
 Acq: 28 Mar 2019 18:38

Tgt Ion:228 Resp: 21683
 Ion Ratio Lower Upper
 228 100
 226 26.1 20.9 31.3
 229 20.2 16.2 24.2





#31

Chrysene

Concen: 0.348 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

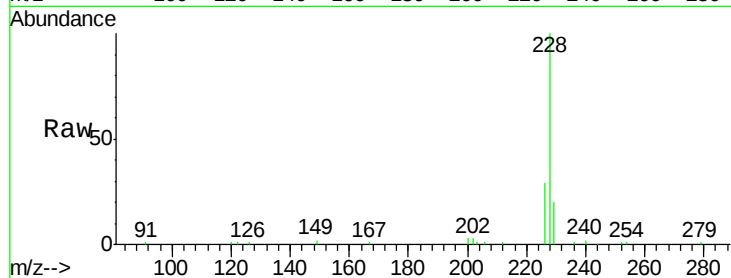
Tgt Ion:228 Resp: 24742

Ion Ratio Lower Upper

228 100

226 28.5 22.8 34.2

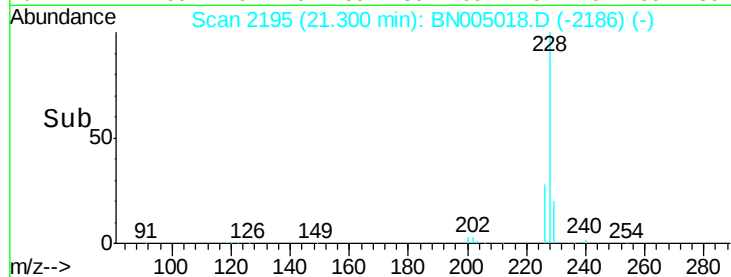
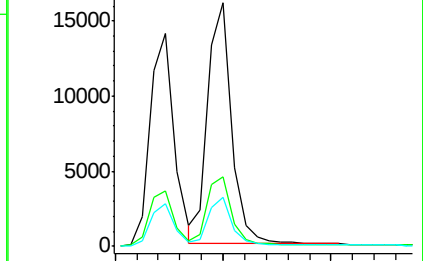
229 20.3 16.2 24.4



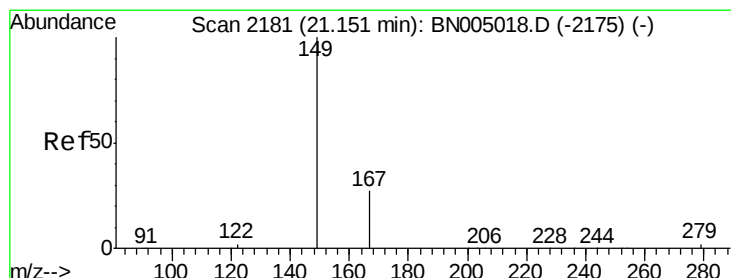
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.20 21.30 21.40



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.309 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

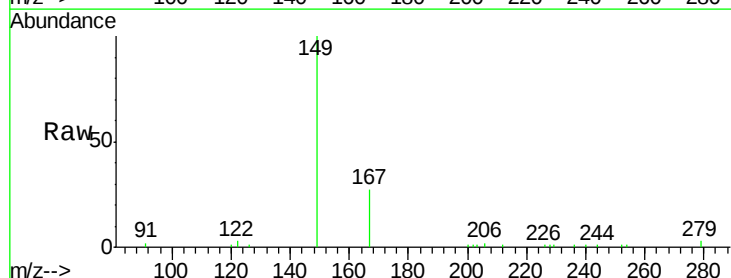
Tgt Ion:149 Resp: 8313

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

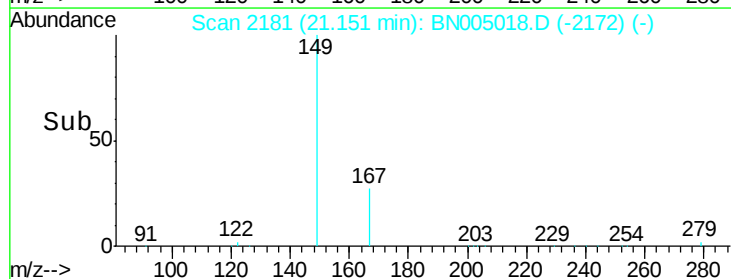
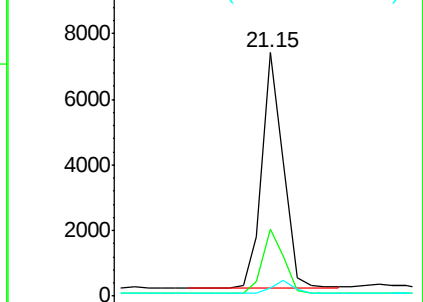
279 5.3 4.2 6.4



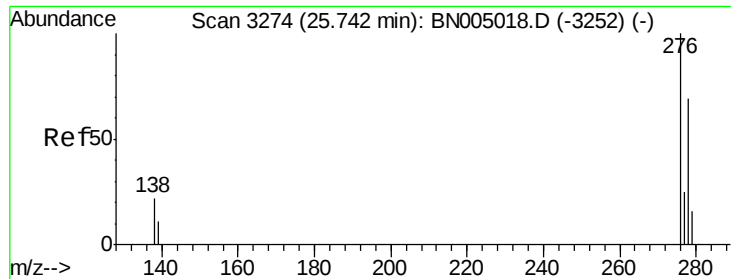
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.10 21.20



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.269 ng

RT: 25.74 min Scan# 3274

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

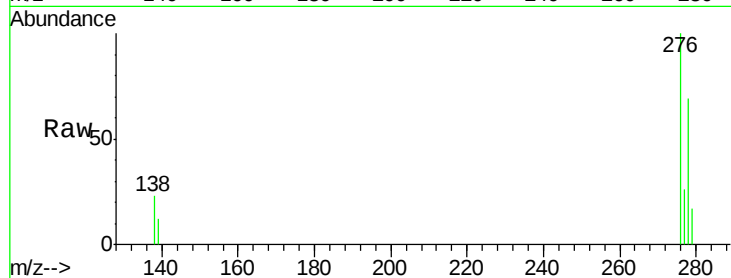
Tgt Ion:276 Resp: 27607

Ion Ratio Lower Upper

276 100

138 22.7 18.2 27.2

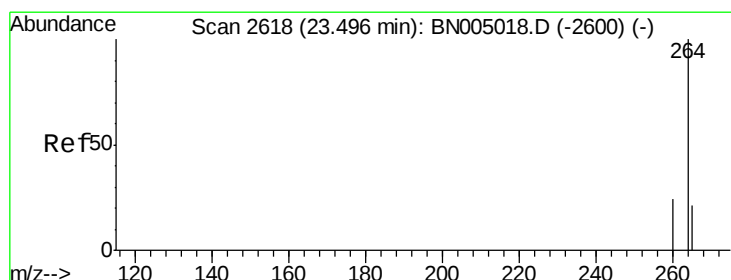
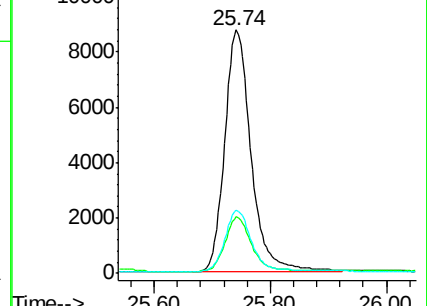
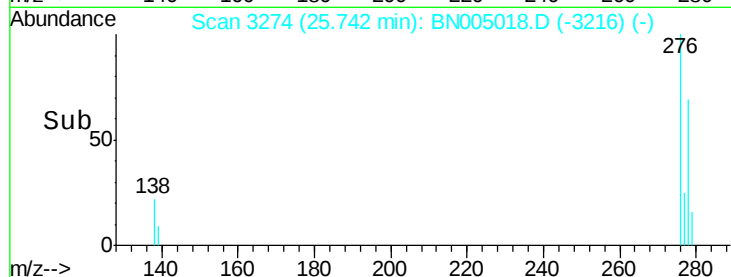
277 25.4 20.3 30.5



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# 2618

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

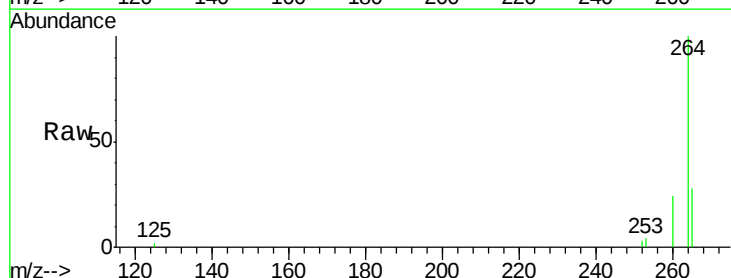
Tgt Ion:264 Resp: 20559

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

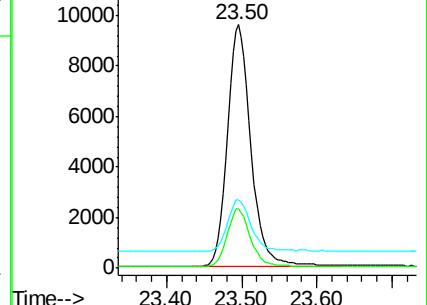
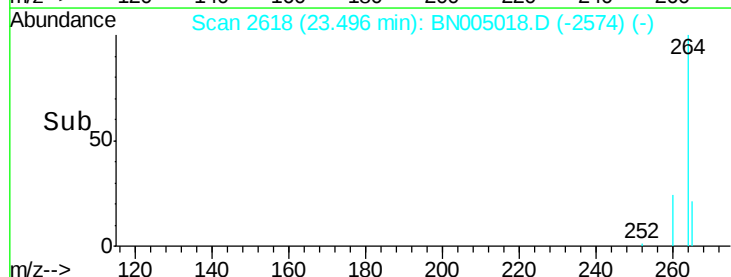
265 28.1 22.5 33.7

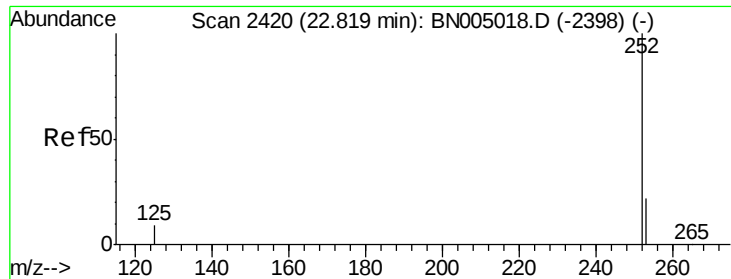


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.340 ng

RT: 22.82 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

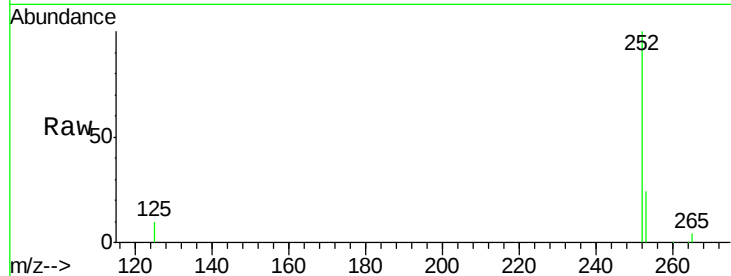
Tgt Ion:252 Resp: 25292

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

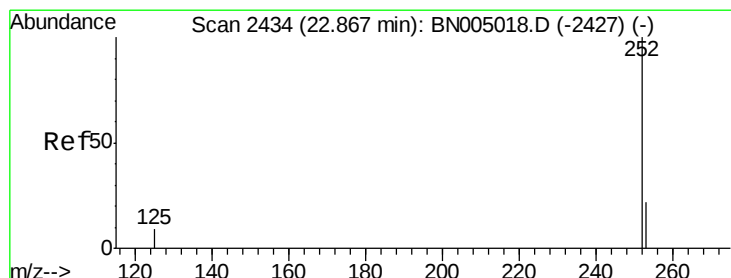
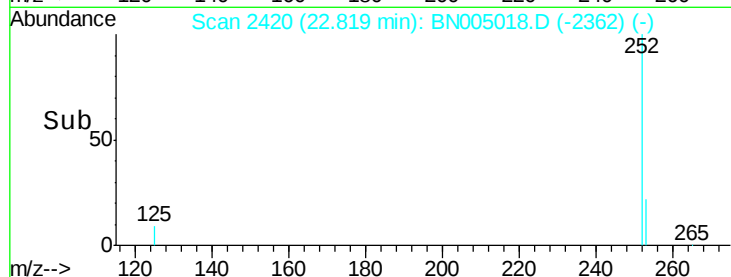
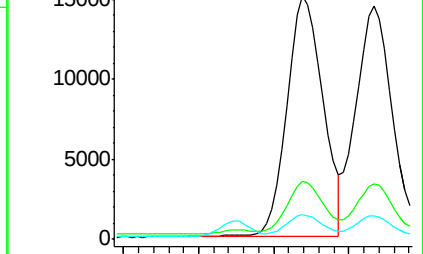
125 10.2 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.344 ng

RT: 22.87 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

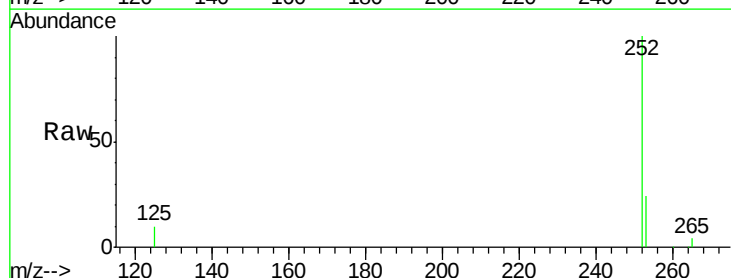
Tgt Ion:252 Resp: 25191

Ion Ratio Lower Upper

252 100

253 24.1 19.3 28.9

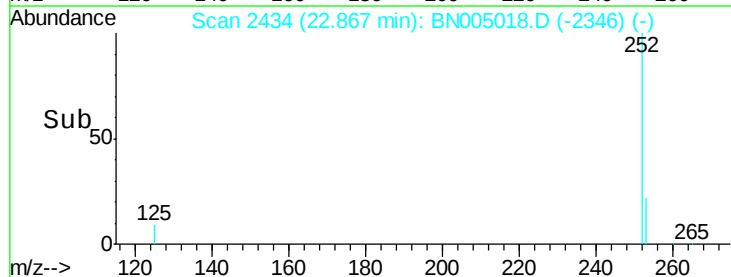
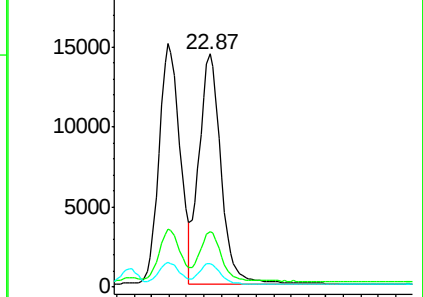
125 10.2 8.2 12.2

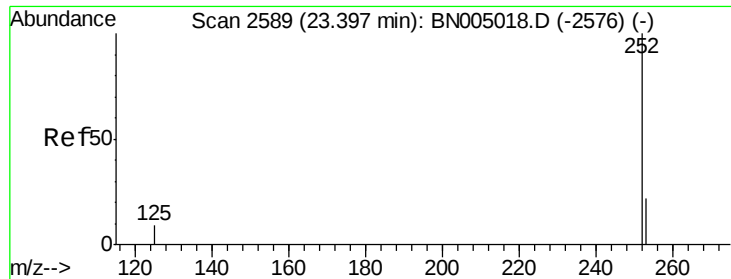


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.330 ng

RT: 23.40 min Scan# 2589

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

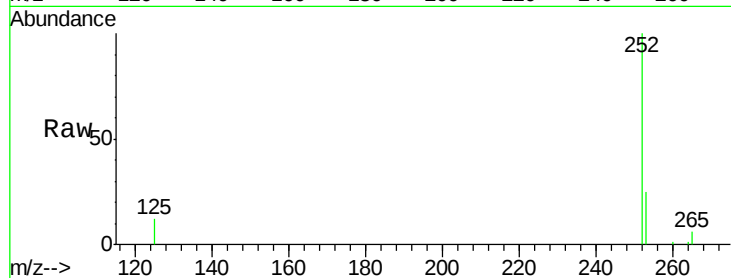
Tgt Ion:252 Resp: 22494

Ion Ratio Lower Upper

252 100

253 25.2 20.2 30.2

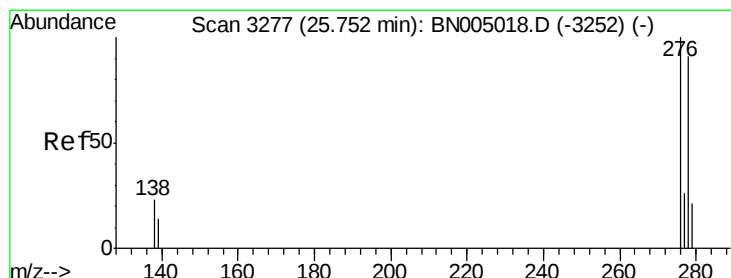
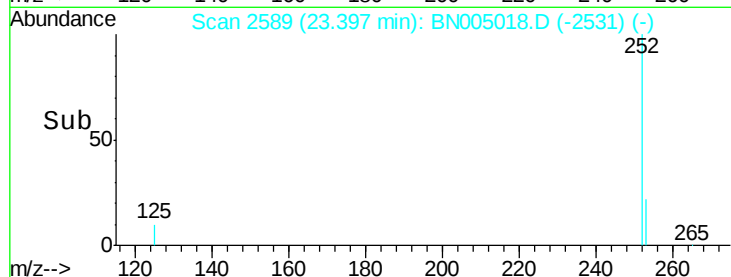
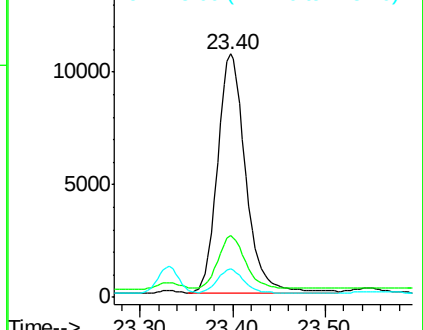
125 11.5 9.2 13.8



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: 0.284 ng

RT: 25.75 min Scan# 3277

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

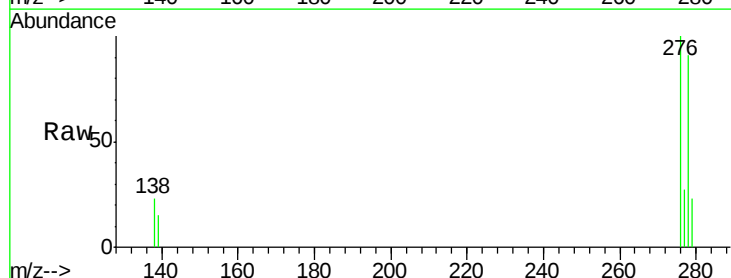
Tgt Ion:278 Resp: 22467

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

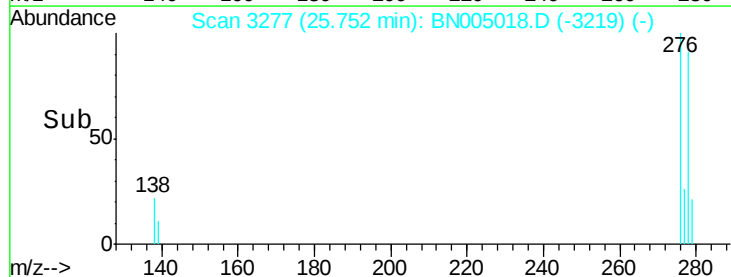
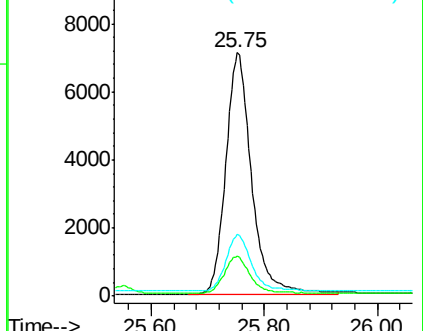
279 25.2 20.2 30.2

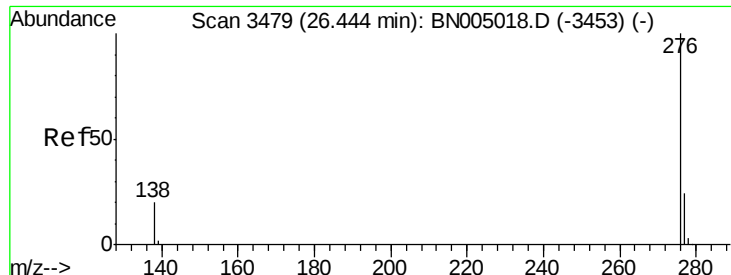


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.284 ng

RT: 26.44 min Scan# 3479

Delta R.T. 0.00 min

Lab File: BN005018.D

Acq: 28 Mar 2019 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

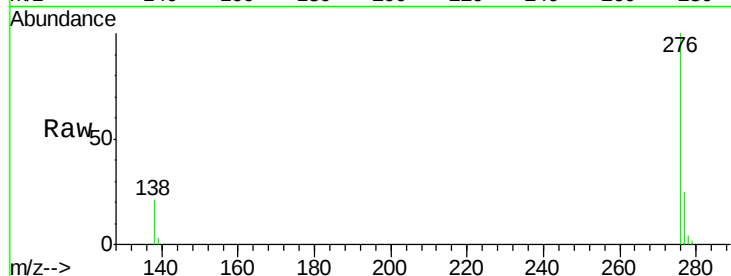
Tgt Ion: 276 Resp: 22834

Ion Ratio Lower Upper

276 100

277 24.7 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

