

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
 Data File : BN005023.D
 Acq On : 28 Mar 2019 21:35
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032819

Quant Time: Mar 29 03:58:27 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	2717	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	11649	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7131	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	17420	0.40	ng	0.00
27) Chrysene-d12	21.26	240	20626	0.40	ng	0.00
34) Perylene-d12	23.49	264	20607	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2776	0.41	ng	0.00
5) Phenol-d6	6.85	99	3182	0.40	ng	0.00
8) Nitrobenzene-d5	8.83	82	2627	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	7367	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1467	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	10994	0.41	ng	0.00
25) Fluoranthene-d10	19.10	212	19883	0.40	ng	0.00
29) Terphenyl-d14	19.69	244	17275	0.41	ng	0.00

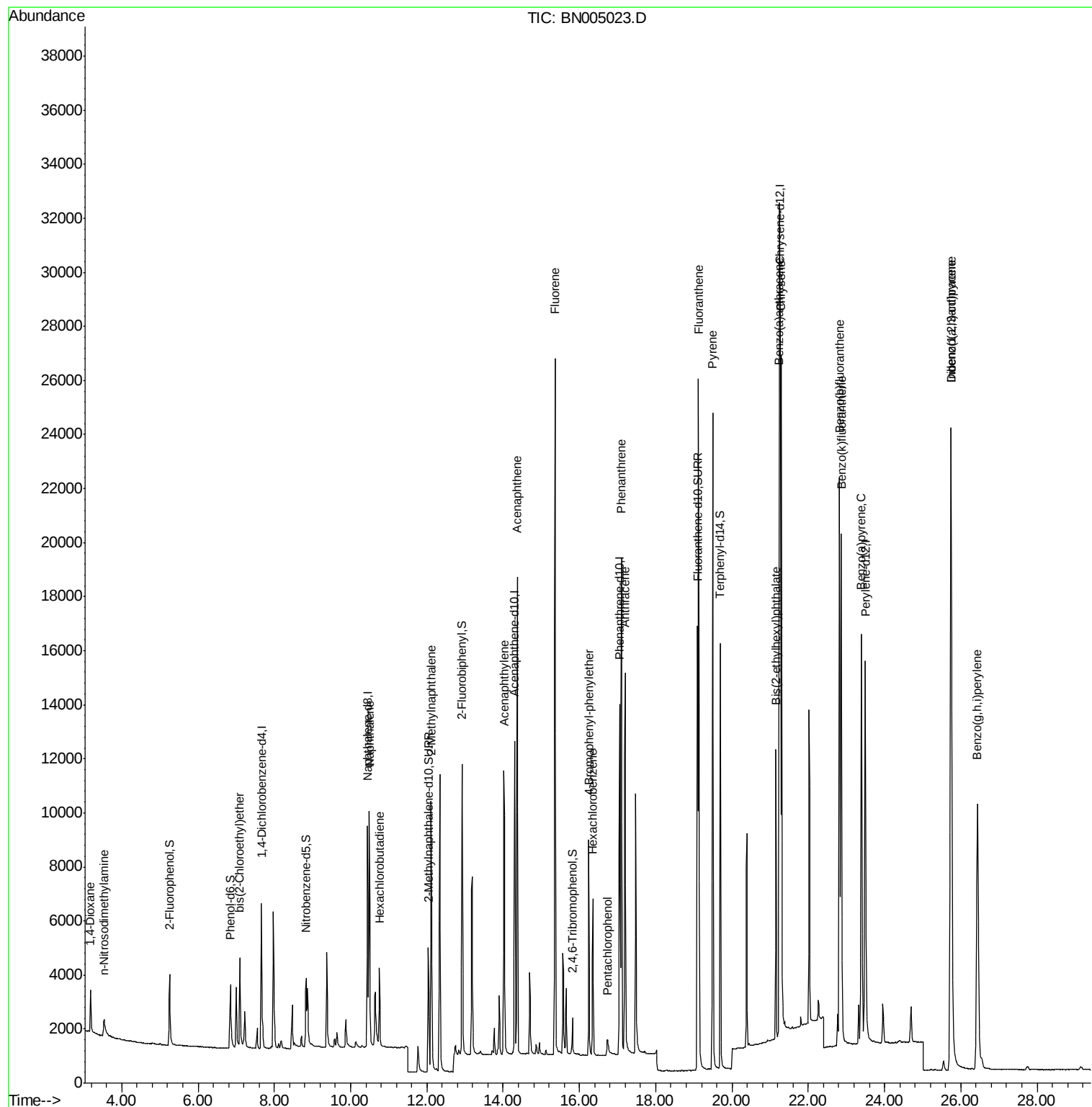
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	1158	0.396	ng	96
3) n-Nitrosodimethylamine	3.54	42	635	0.356	ng	# 90
6) bis(2-Chloroethyl)ether	7.10	93	3113	0.410	ng	100
9) Naphthalene	10.49	128	11981	0.409	ng	100
10) Hexachlorobutadiene	10.76	225	2252	0.414	ng	# 100
12) 2-Methylnaphthalene	12.11	142	8553	0.405	ng	99
16) Acenaphthylene	14.02	152	13015	0.387	ng	100
17) Acenaphthene	14.37	154	8704	0.407	ng	99
18) Fluorene	15.36	166	11627	0.405	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	3937	0.395	ng	98
21) Hexachlorobenzene	16.36	284	4465	0.406	ng	100
22) Pentachlorophenol	16.74	266	747	0.416	ng	97
23) Phenanthrene	17.10	178	19529	0.401	ng	100
24) Anthracene	17.20	178	16927	0.390	ng	100
26) Fluoranthene	19.13	202	23749	0.398	ng	100
28) Pyrene	19.49	202	24046	0.410	ng	100
30) Benzo(a)anthracene	21.24	228	22736	0.391	ng	98
31) Chrysene	21.29	228	25735	0.410	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	8839	0.363	ng	100
33) Indeno(1,2,3-cd)pyrene	25.74	276	29048	0.412	ng	100
35) Benzo(b)fluoranthene	22.82	252	27221	0.412	ng	99
36) Benzo(k)fluoranthene	22.86	252	25794	0.404	ng	100
37) Benzo(a)pyrene	23.39	252	23744	0.404	ng	99
38) Dibenzo(a,h)anthracene	25.75	278	23654	0.402	ng	100
39) Benzo(g,h,i)perylene	26.44	276	23964	0.405	ng	100

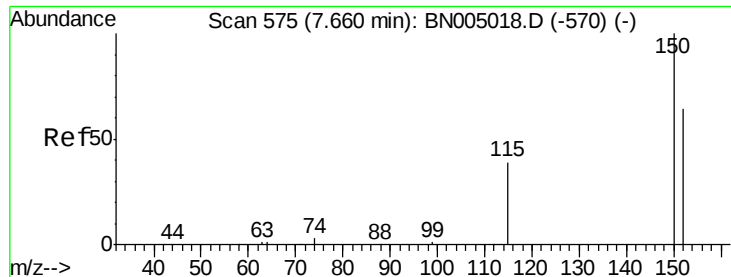
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

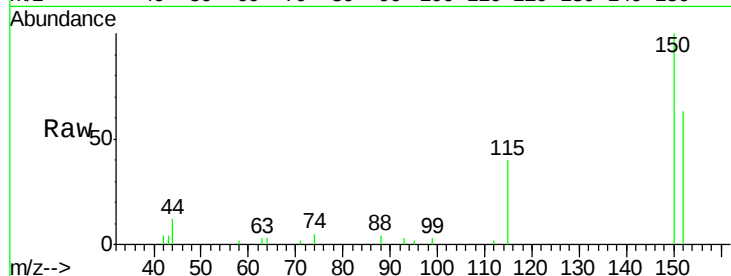
Tgt Ion:152 Resp: 2717

Ion Ratio Lower Upper

152 100

150 158.1 123.4 185.2

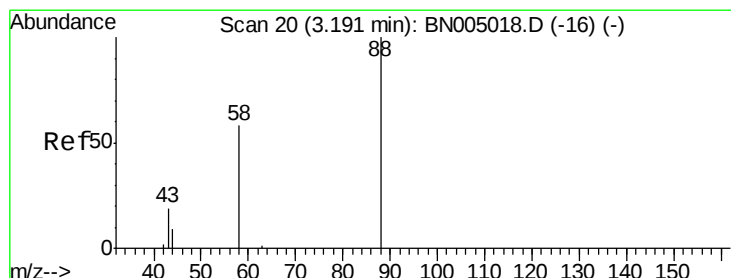
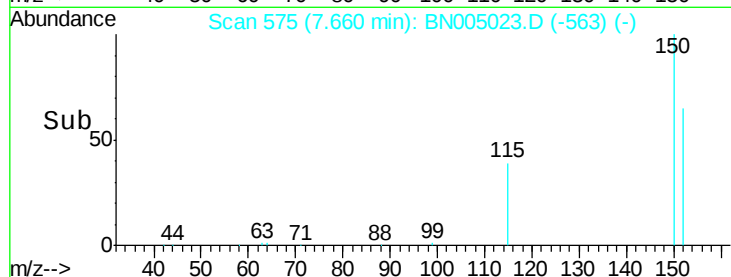
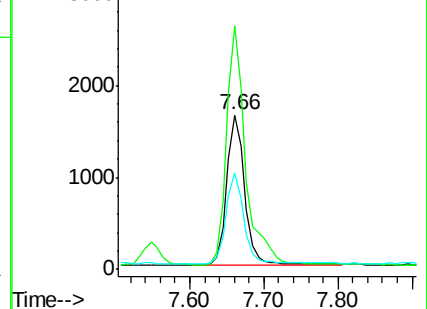
115 62.9 50.0 75.0



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: 0.396 ng

RT: 3.18 min Scan# 19

Delta R.T. -0.01 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

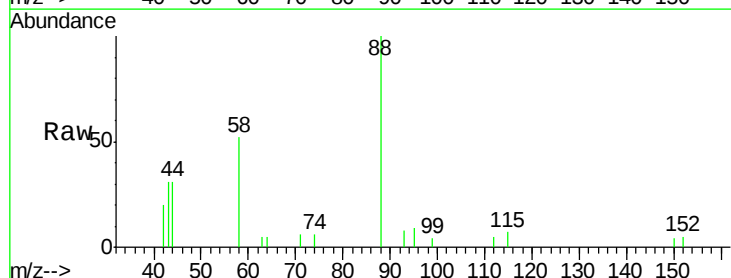
Tgt Ion: 88 Resp: 1158

Ion Ratio Lower Upper

88 100

58 68.7 52.8 79.2

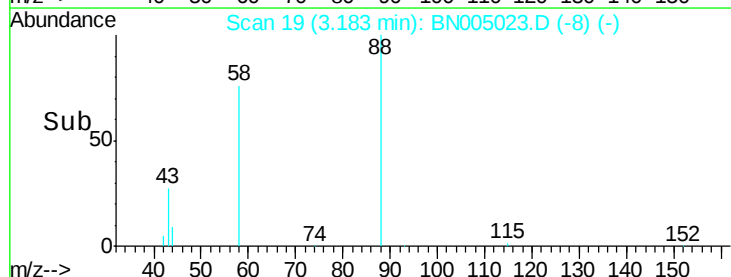
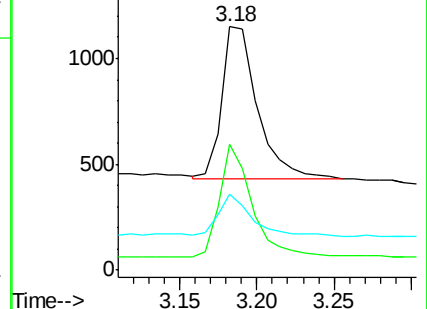
43 26.9 19.6 29.4

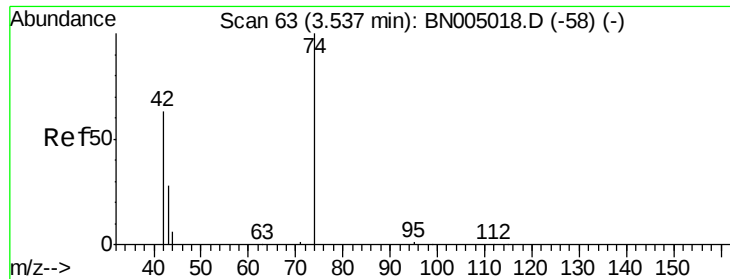


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.356 ng

RT: 3.54 min Scan# 63

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

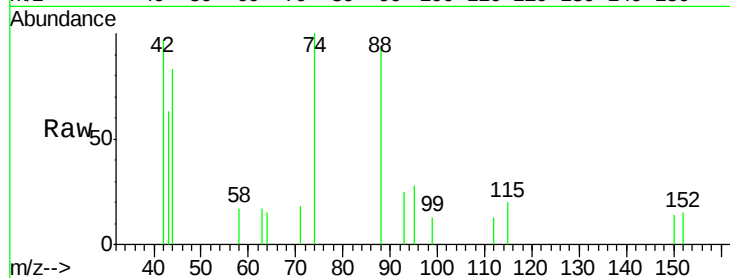
Tgt Ion: 42 Resp: 635

Ion Ratio Lower Upper

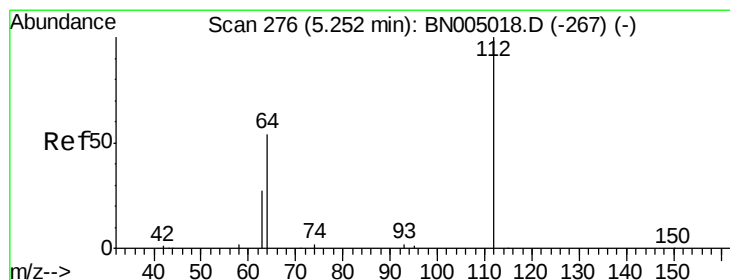
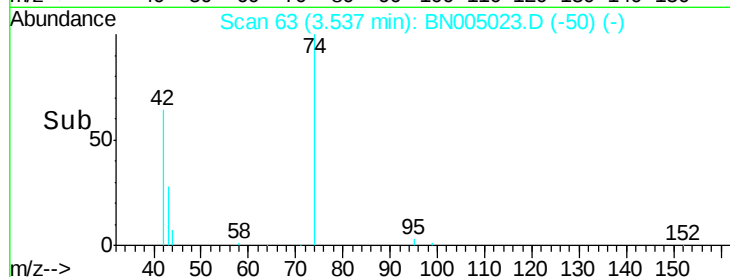
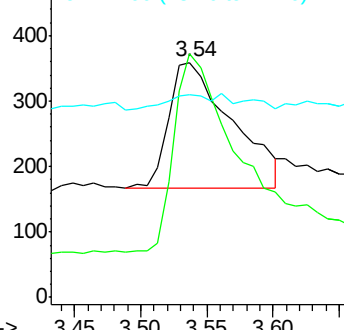
42 100

74 151.3 129.1 193.7

44 0.0 11.6 17.4#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.409 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

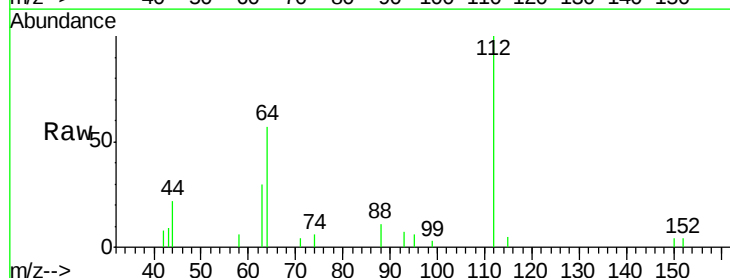
Tgt Ion: 112 Resp: 2776

Ion Ratio Lower Upper

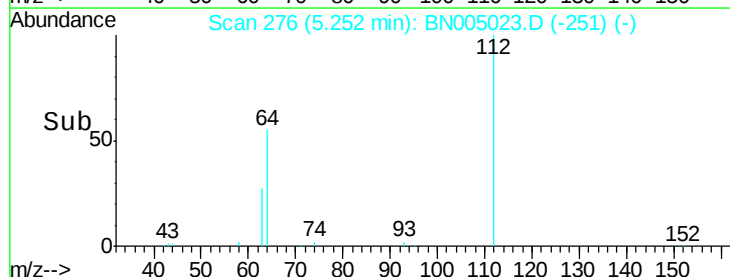
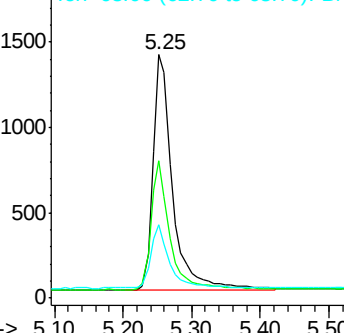
112 100

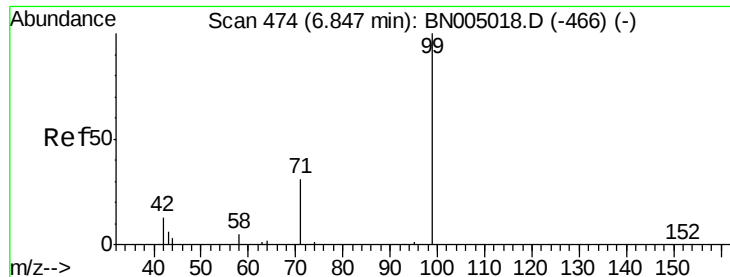
64 51.9 41.9 62.9

63 25.6 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.396 ng

RT: 6.85 min Scan# 474

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

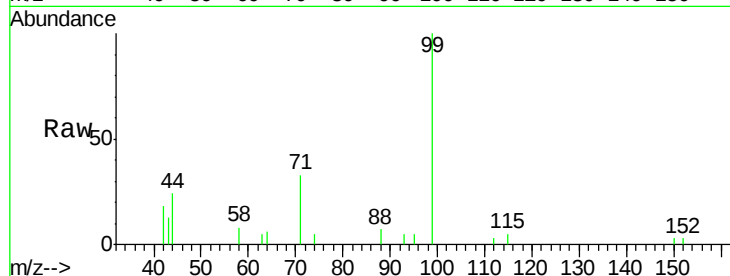
Tgt Ion: 99 Resp: 3182

Ion Ratio Lower Upper

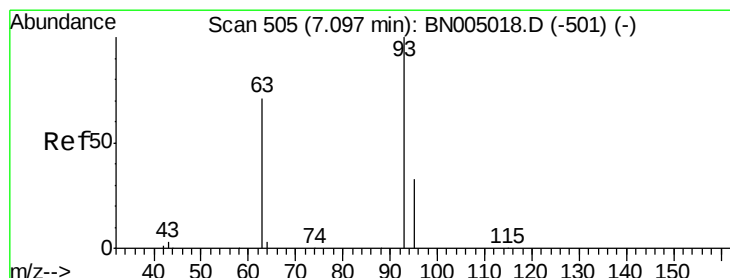
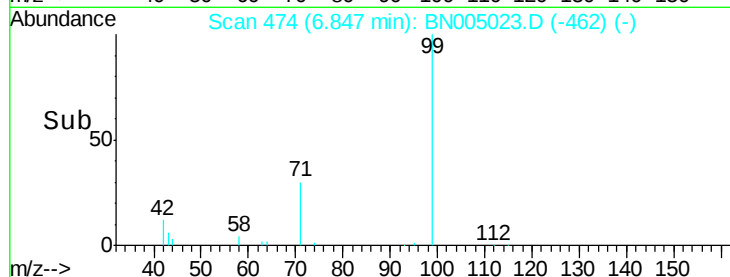
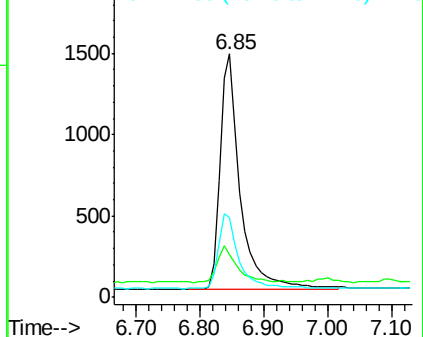
99 100

42 15.4 12.2 18.2

71 32.5 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: 0.410 ng

RT: 7.10 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

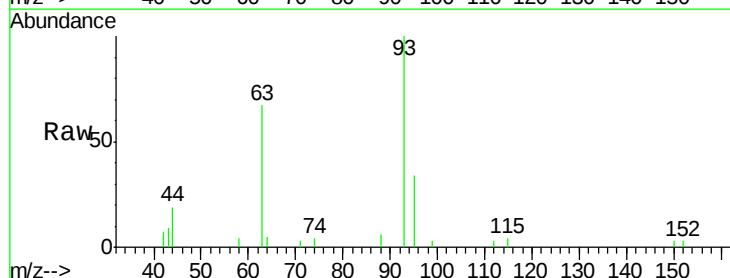
Tgt Ion: 93 Resp: 3113

Ion Ratio Lower Upper

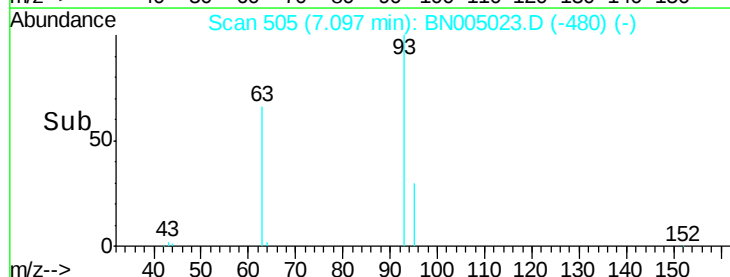
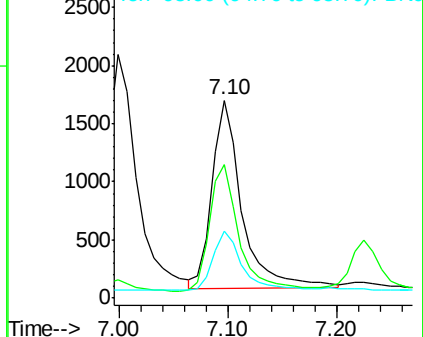
93 100

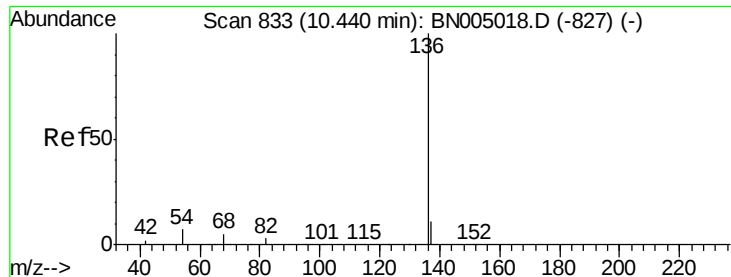
63 65.1 51.8 77.6

95 30.9 24.8 37.2



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

Tgt Ion:136 Resp: 11649

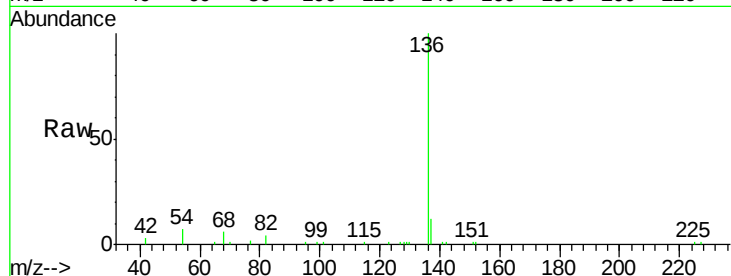
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.1 6.0 9.0

68 6.1 5.0 7.6

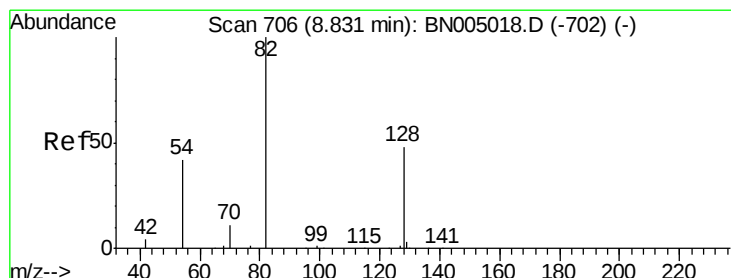
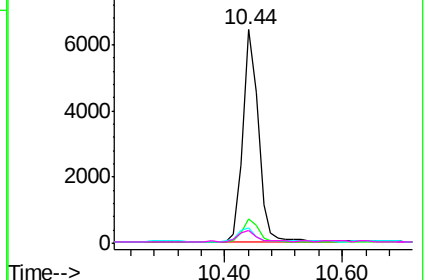
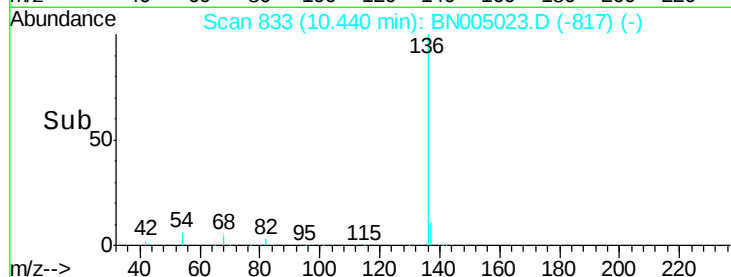


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.389 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

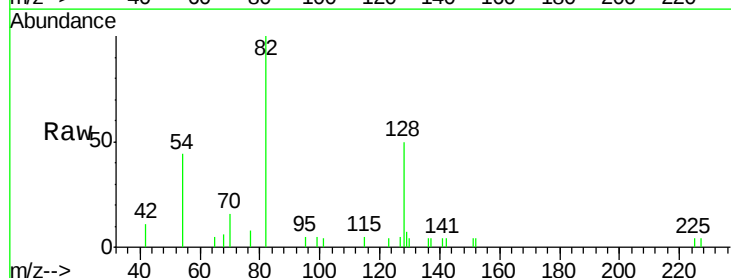
Tgt Ion: 82 Resp: 2627

Ion Ratio Lower Upper

82 100

128 50.2 40.5 60.7

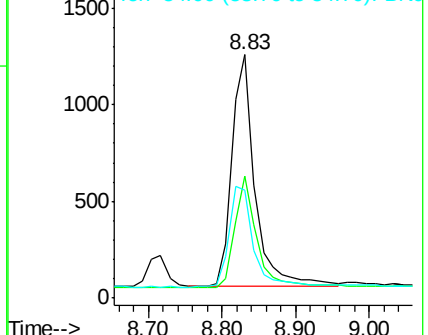
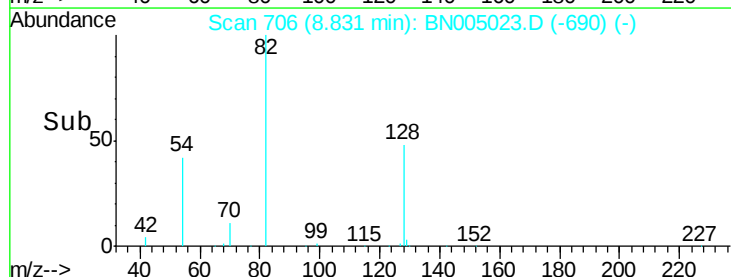
54 44.2 35.7 53.5

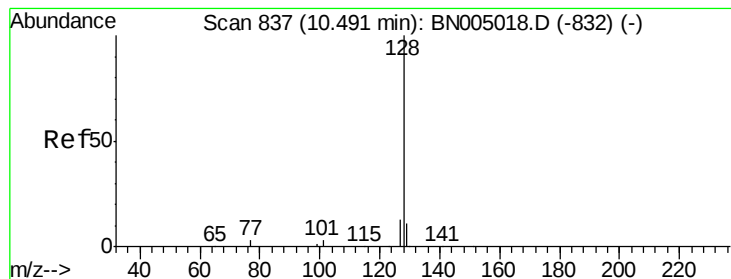


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.409 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

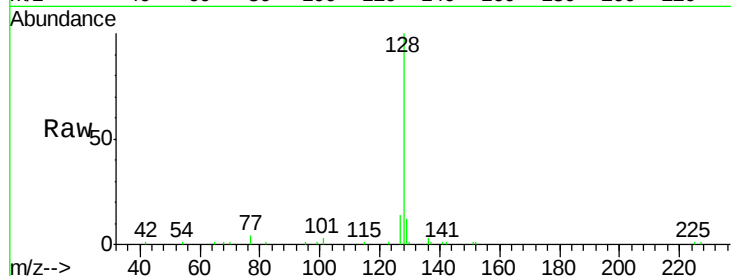
Tgt Ion:128 Resp: 11981

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

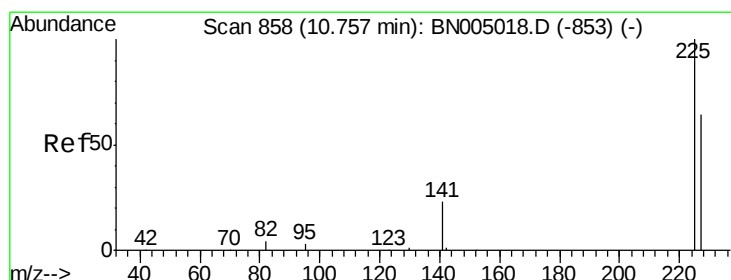
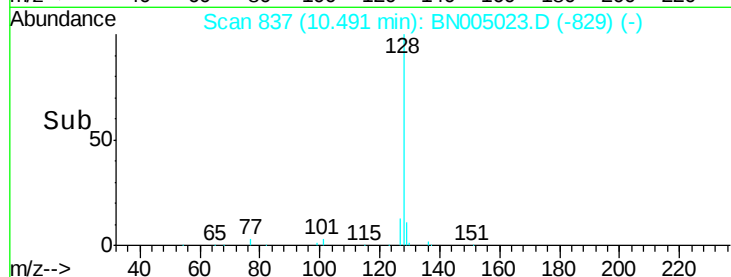
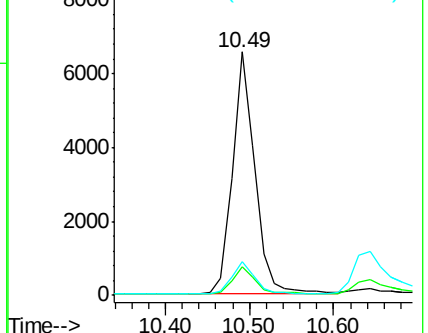
127 13.9 11.0 16.6



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: 0.414 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

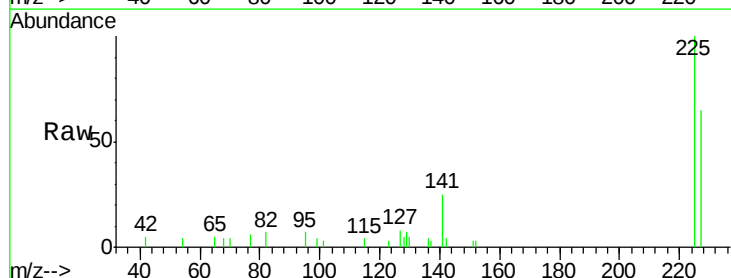
Tgt Ion:225 Resp: 2252

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

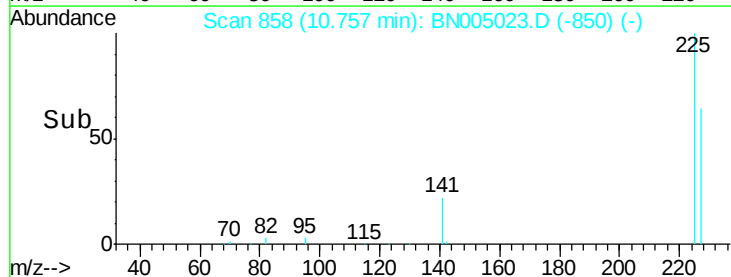
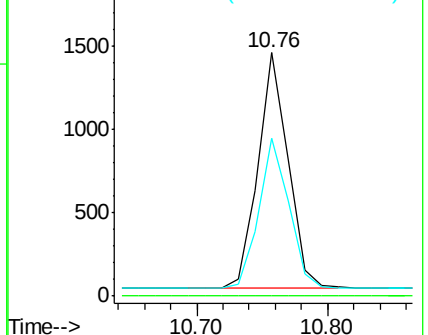
227 64.3 51.5 77.3

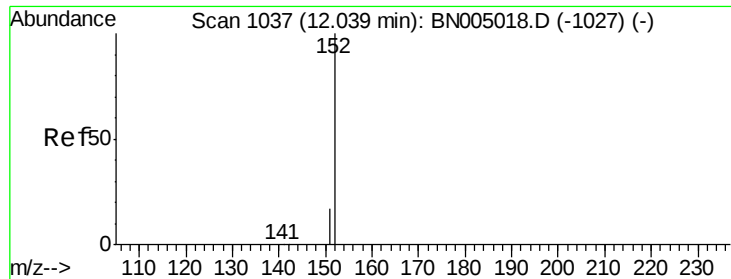


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

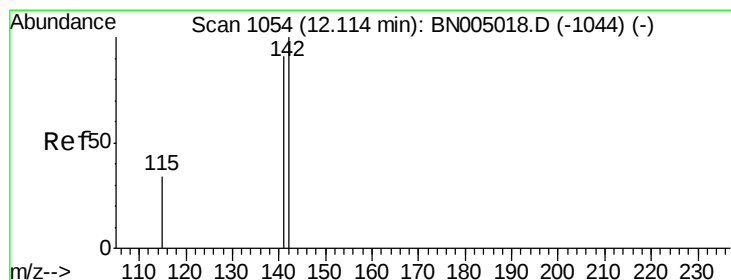
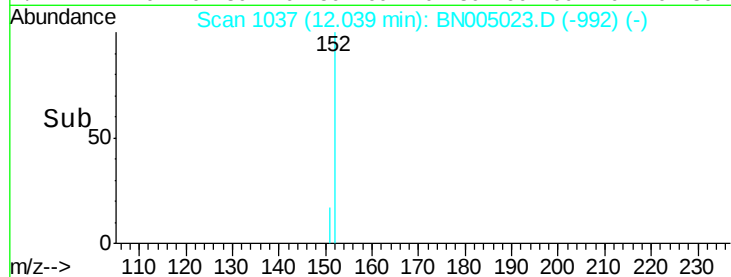
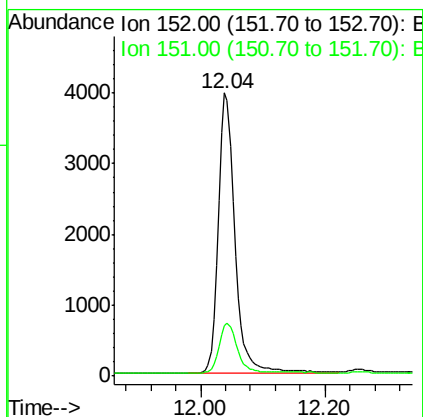
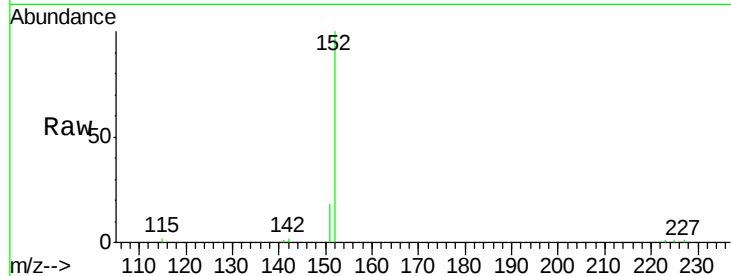




#11
 2-Methylnaphthalene-d10
 Concen: 0.408 ng
 RT: 12.04 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BN005023.D
 Acq: 28 Mar 2019 21:35

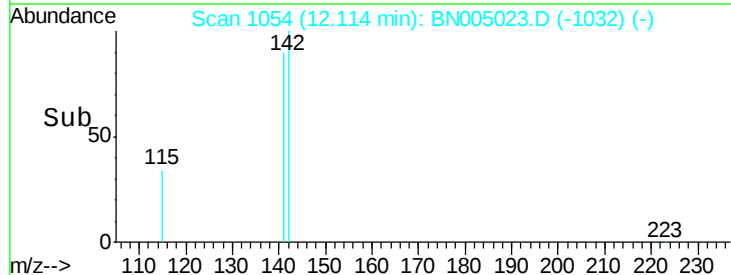
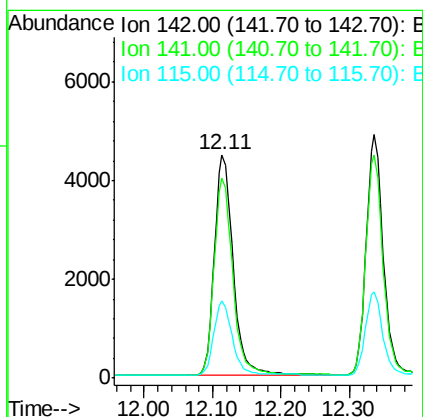
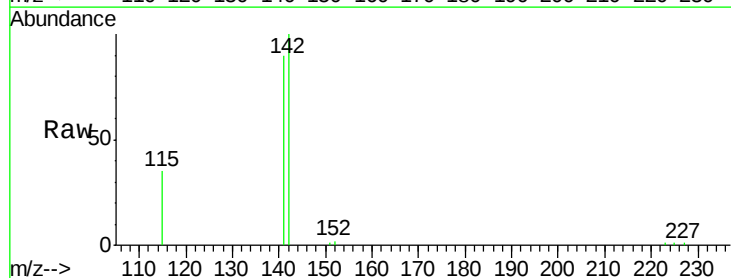
Instrument :
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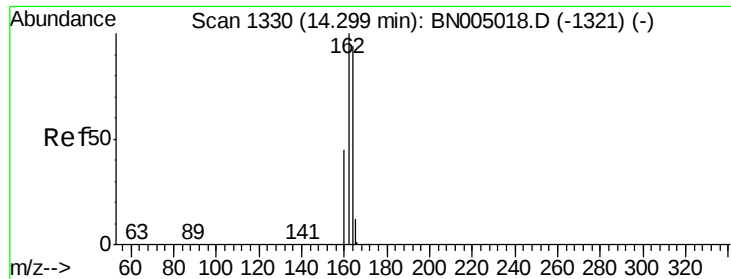
Tgt Ion:152 Resp: 7367
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.405 ng
 RT: 12.11 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BN005023.D
 Acq: 28 Mar 2019 21:35

Tgt Ion:142 Resp: 8553
 Ion Ratio Lower Upper
 142 100
 141 89.9 72.6 108.8
 115 34.6 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: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

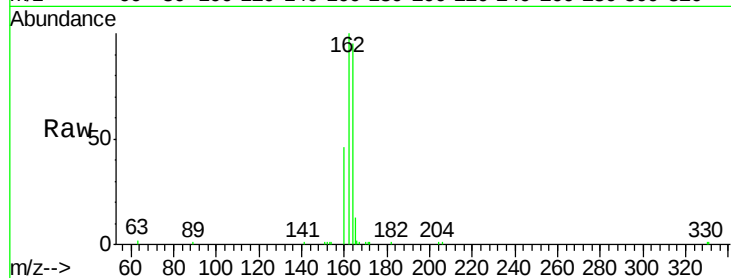
Tgt Ion:164 Resp: 7131

Ion Ratio Lower Upper

164 100

162 105.4 85.3 127.9

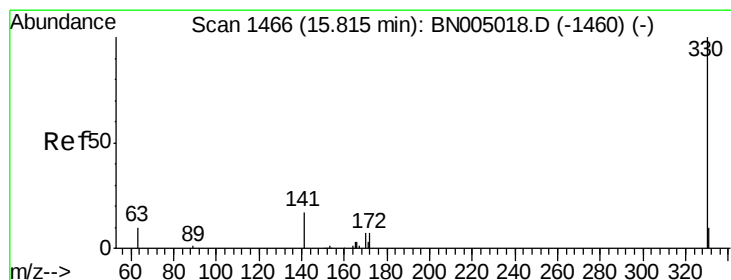
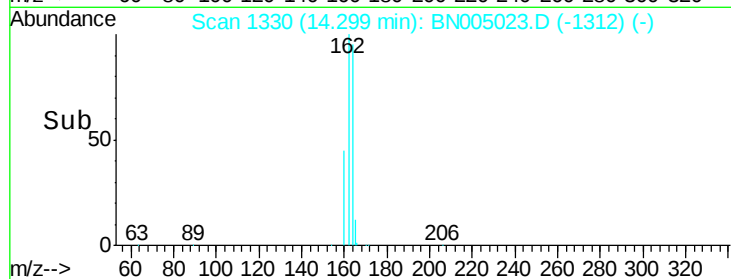
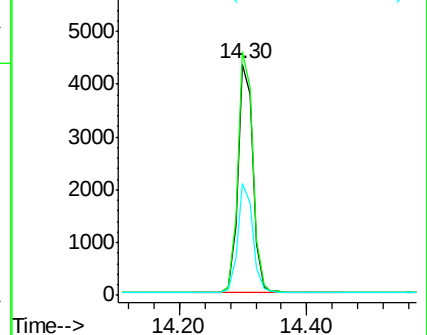
160 48.2 39.2 58.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.367 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

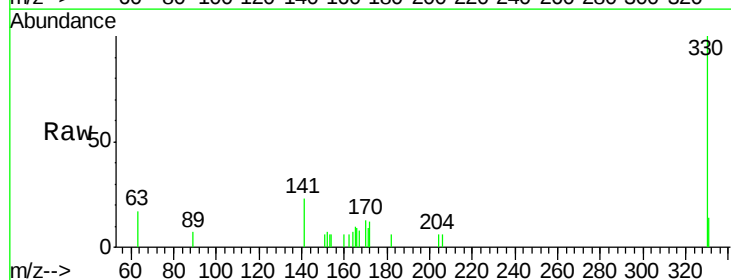
Tgt Ion:330 Resp: 1467

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

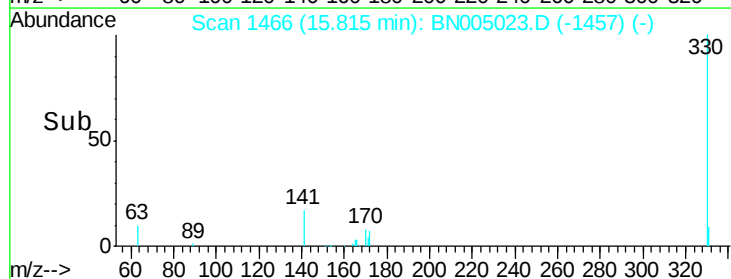
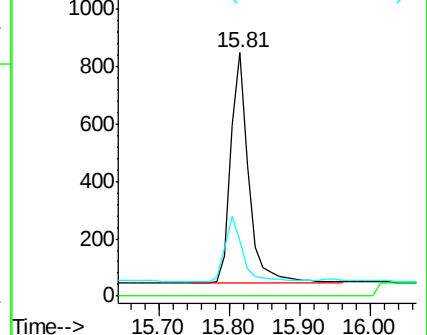
141 27.9 21.3 31.9

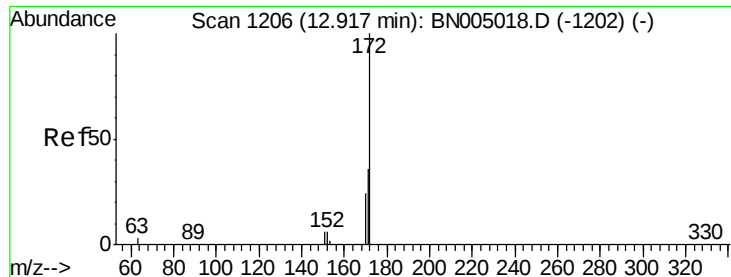


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

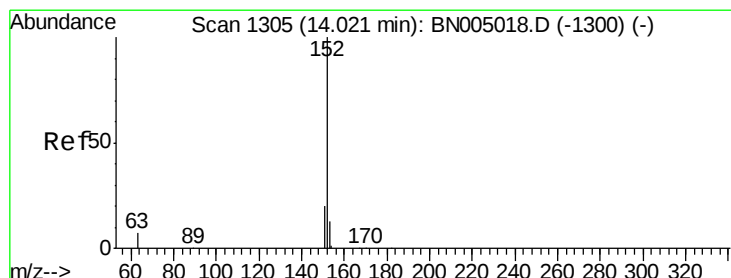
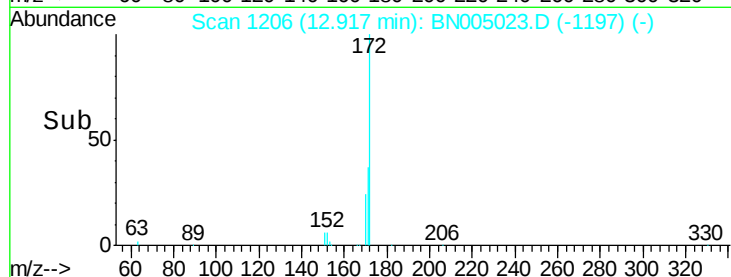
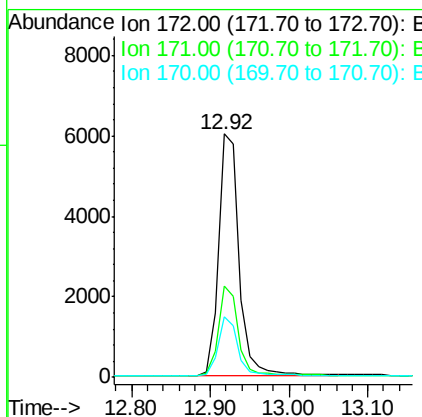
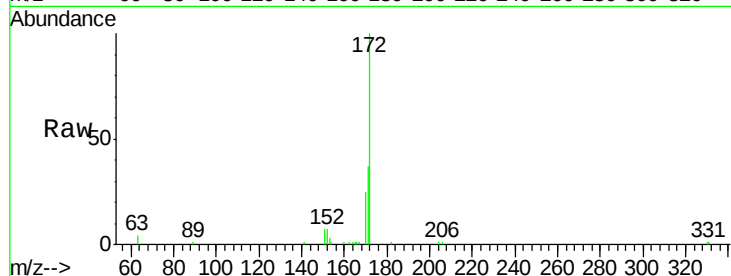




#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005023.D
Acq: 28 Mar 2019 21:35

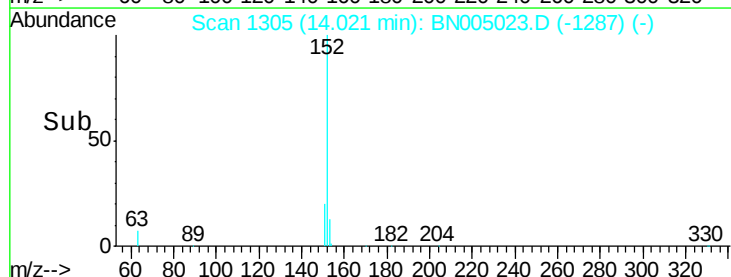
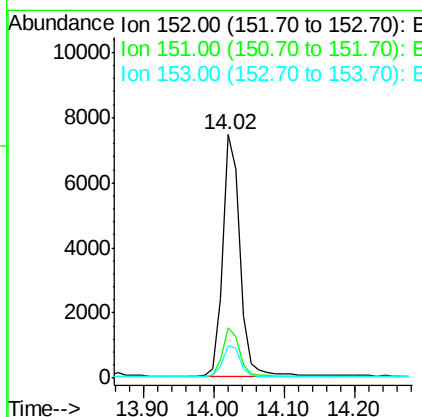
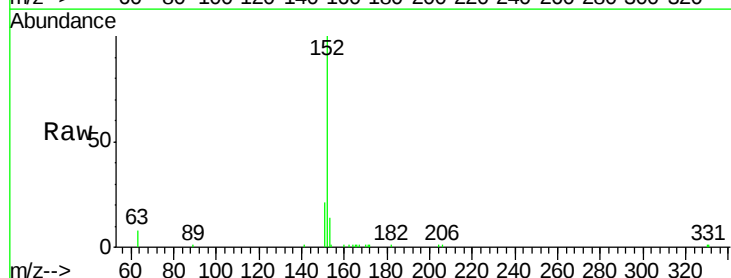
Instrument :
BNA_N
ClientSampleId :
ICVBN032819

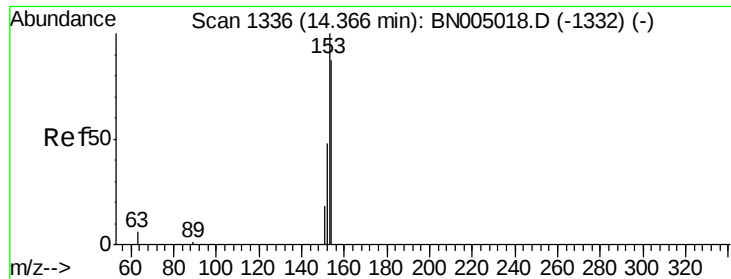
Tgt Ion:172 Resp: 10994
Ion Ratio Lower Upper
172 100
171 37.3 29.4 44.0
170 24.9 20.0 30.0



#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN005023.D
Acq: 28 Mar 2019 21:35

Tgt Ion:152 Resp: 13015
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

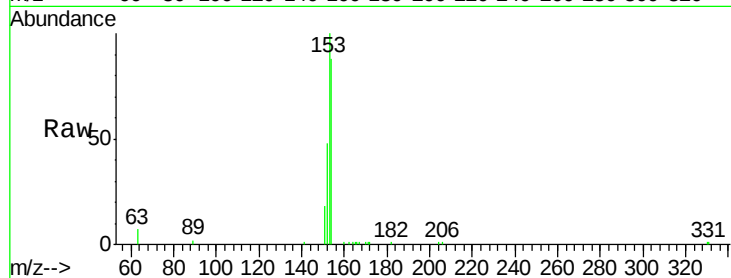
Tgt Ion:154 Resp: 8704

Ion Ratio Lower Upper

154 100

153 114.4 92.1 138.1

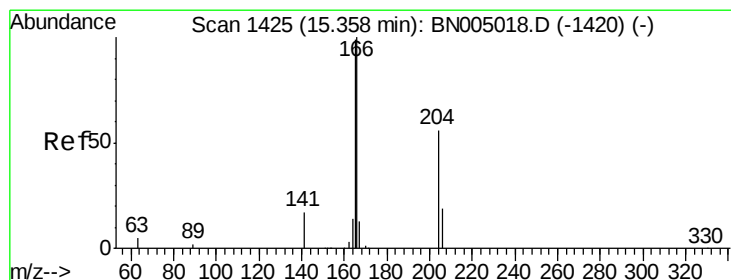
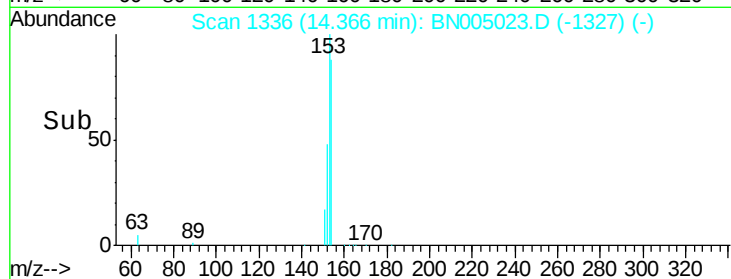
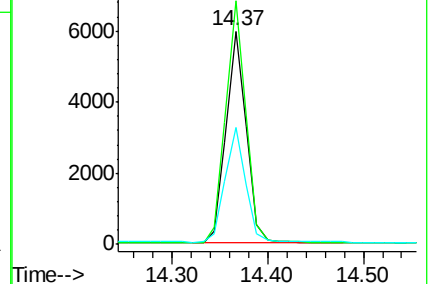
152 55.0 44.2 66.2



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: 0.405 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

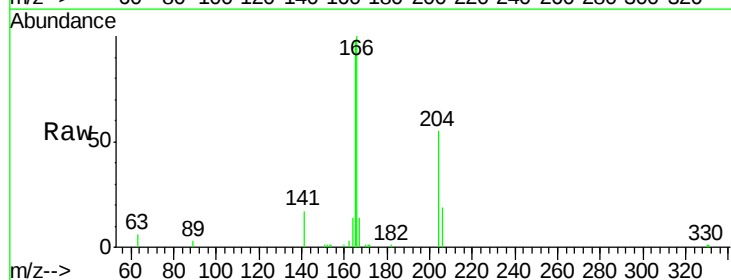
Tgt Ion:166 Resp: 11627

Ion Ratio Lower Upper

166 100

165 98.0 78.7 118.1

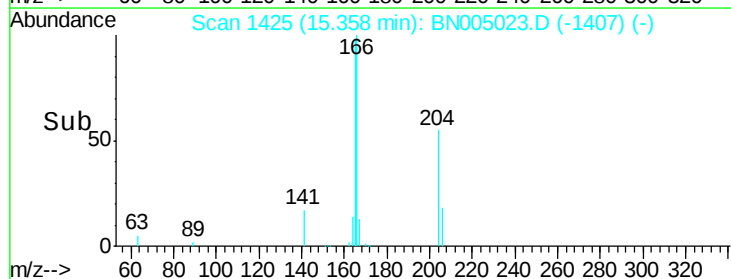
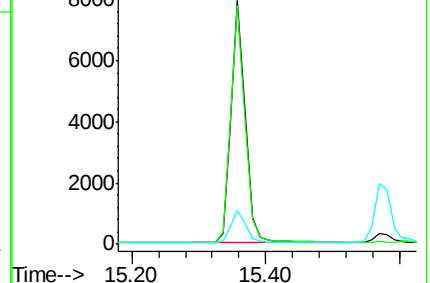
167 13.6 10.9 16.3

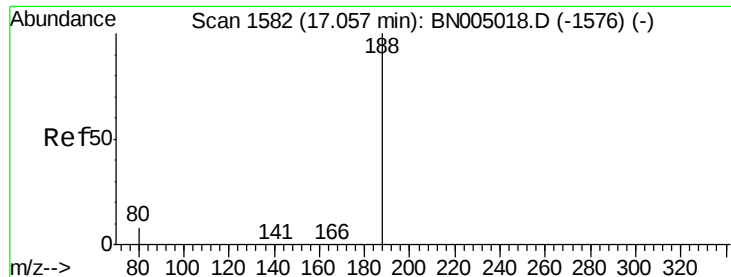


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

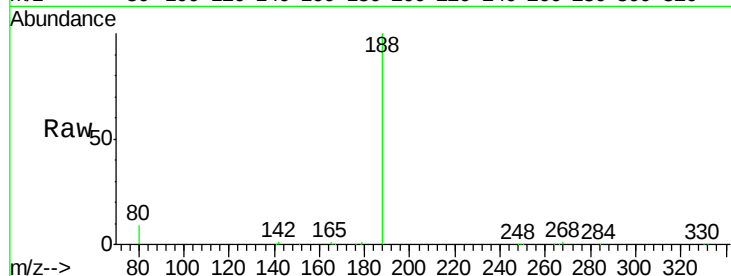
Tgt Ion:188 Resp: 17420

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

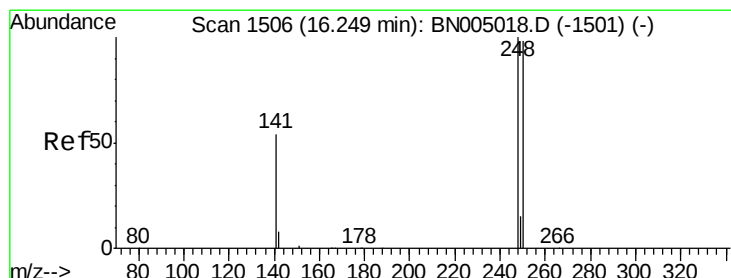
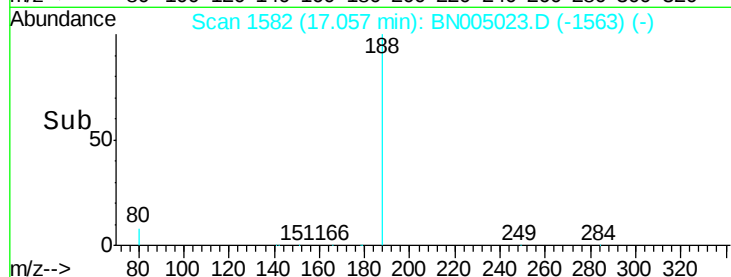
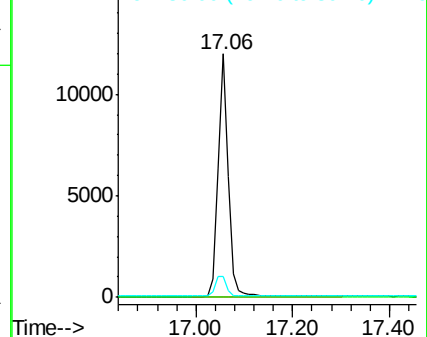
80 8.7 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.395 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

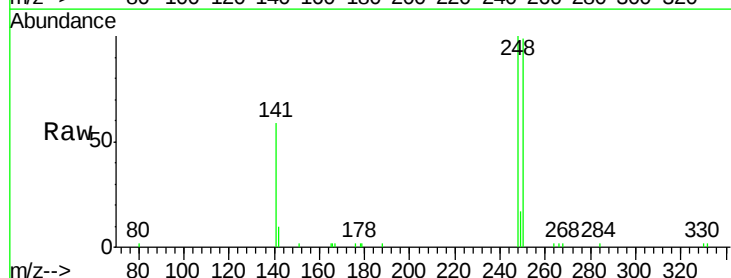
Tgt Ion:248 Resp: 3937

Ion Ratio Lower Upper

248 100

250 98.8 78.6 117.8

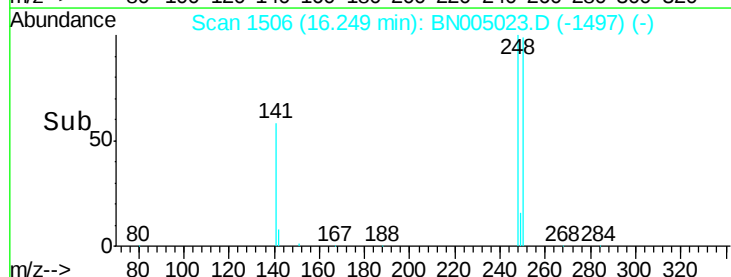
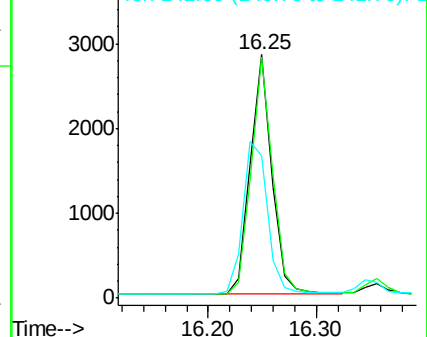
141 58.5 43.6 65.4

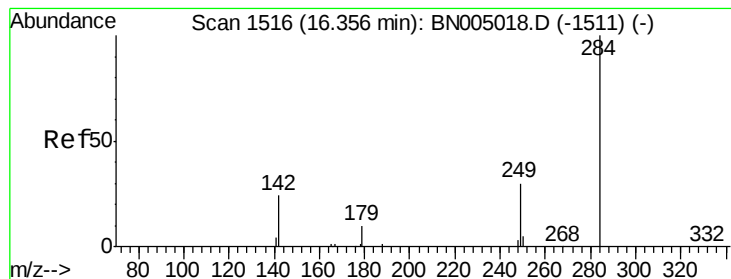


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.406 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

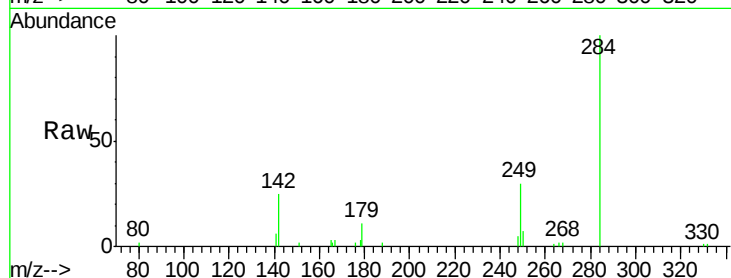
Tgt Ion:284 Resp: 4465

Ion Ratio Lower Upper

284 100

142 31.1 24.9 37.3

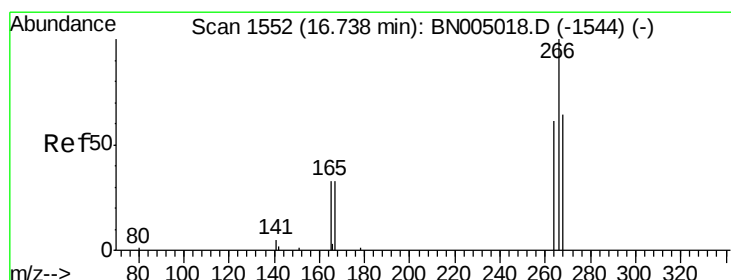
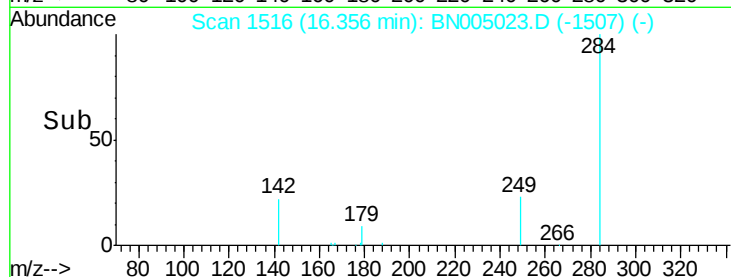
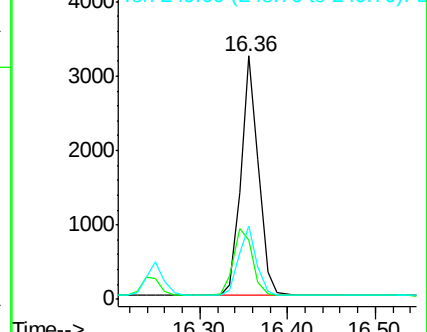
249 29.3 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.416 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

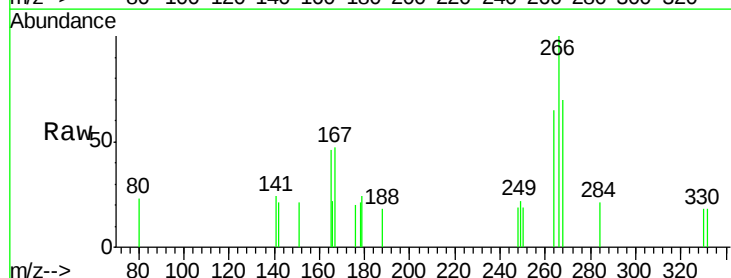
Tgt Ion:266 Resp: 747

Ion Ratio Lower Upper

266 100

264 64.7 53.4 80.0

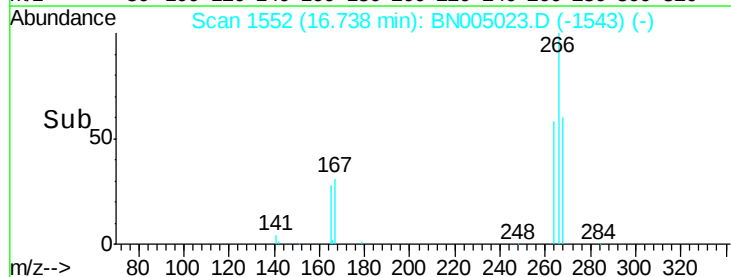
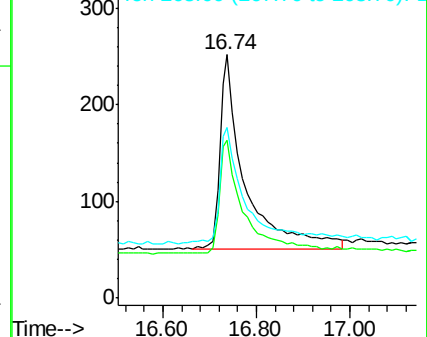
268 70.2 58.9 88.3

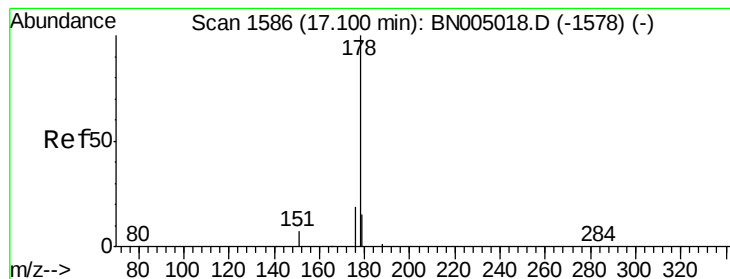


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.401 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

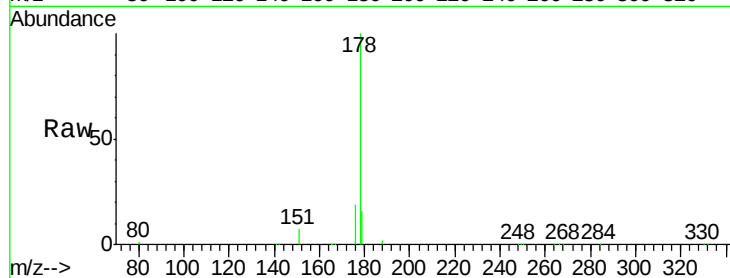
Tgt Ion:178 Resp: 19529

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

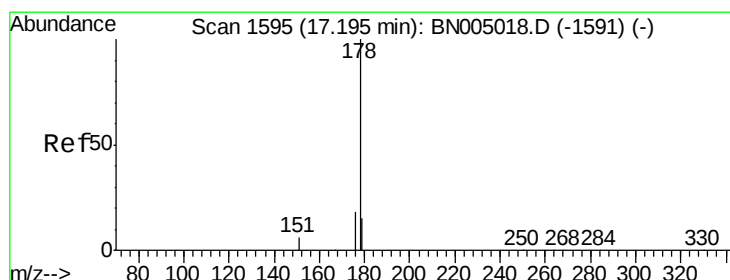
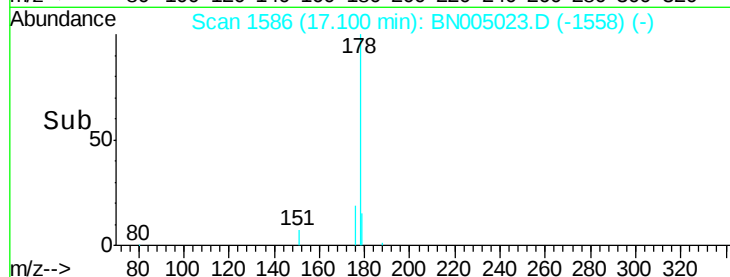
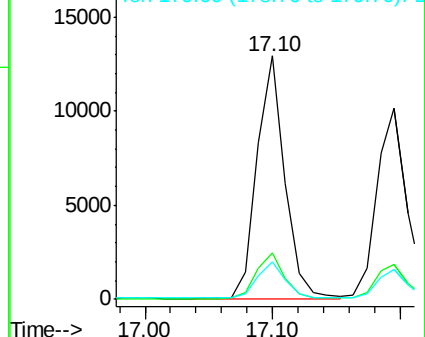
179 15.2 12.2 18.2



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: 0.390 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

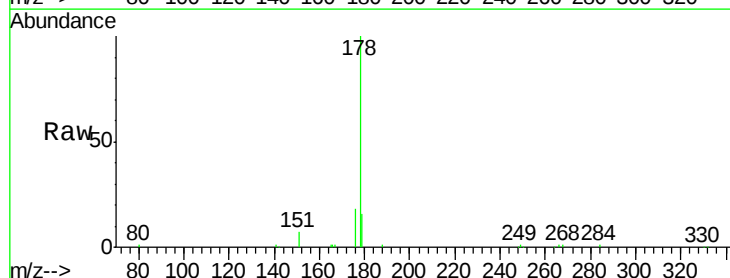
Tgt Ion:178 Resp: 16927

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

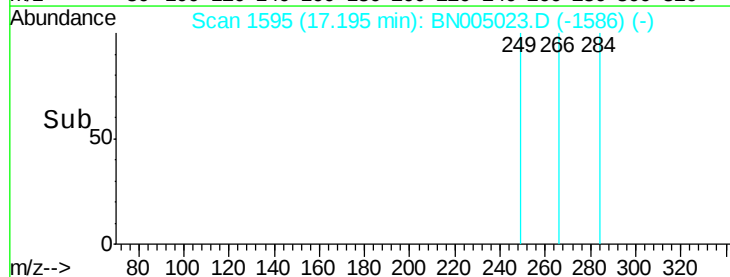
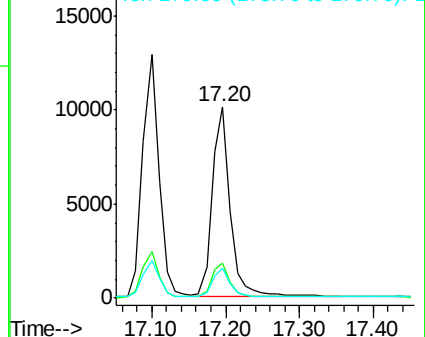
179 15.1 12.3 18.5

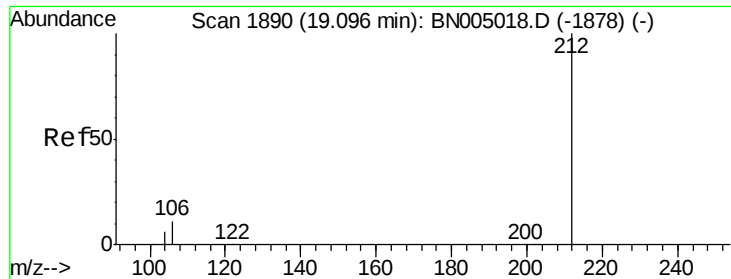


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

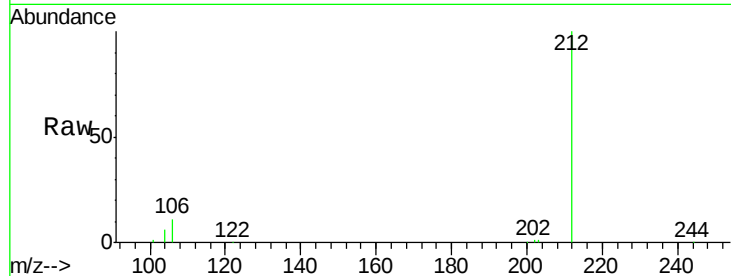
Tgt Ion:212 Resp: 19883

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.2

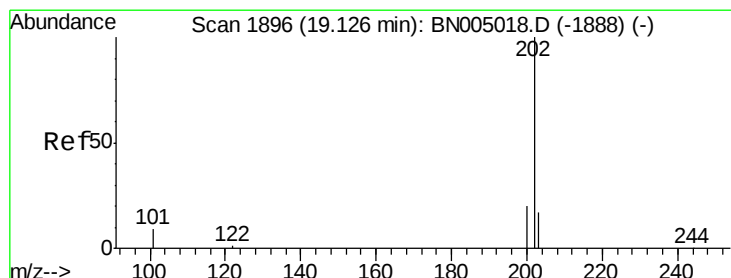
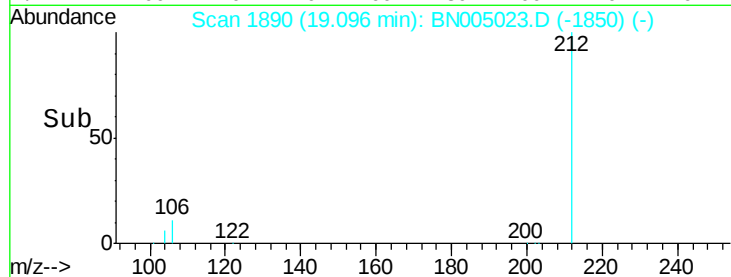
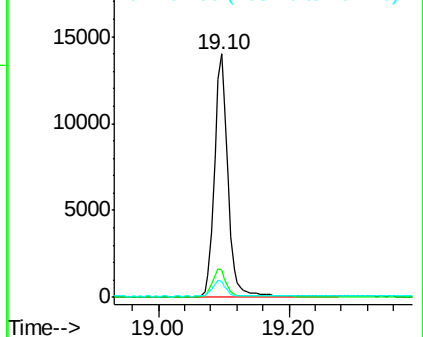
104 6.5 5.4 8.0



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: 0.398 ng

RT: 19.13 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

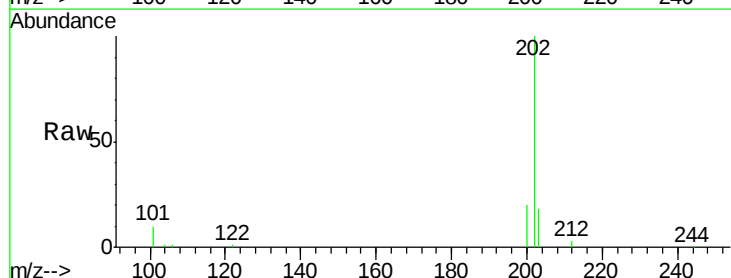
Tgt Ion:202 Resp: 23749

Ion Ratio Lower Upper

202 100

101 10.4 8.2 12.2

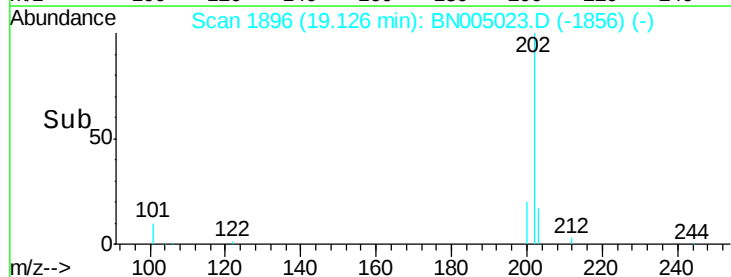
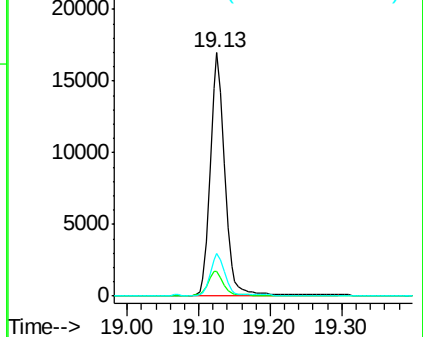
203 17.2 13.8 20.8

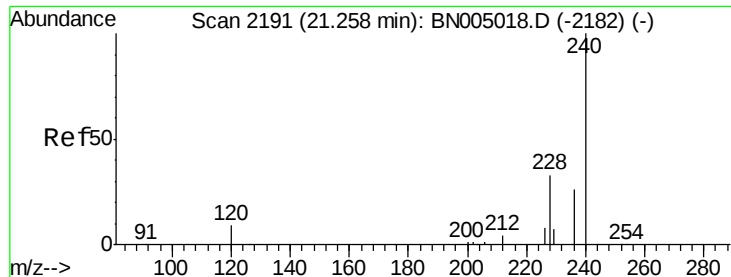


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

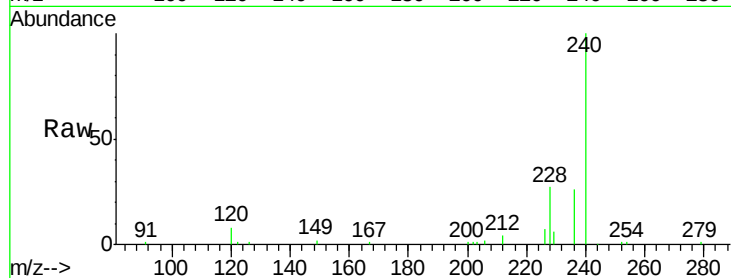
Tgt Ion:240 Resp: 20626

Ion Ratio Lower Upper

240 100

120 8.2 7.4 11.0

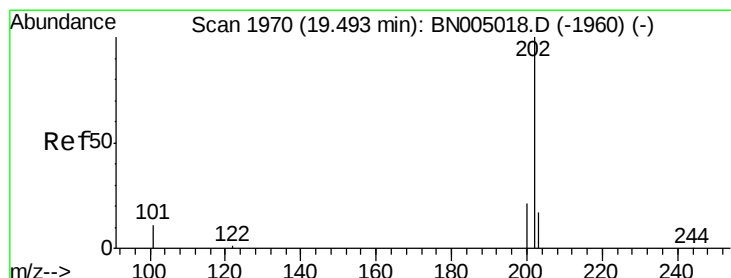
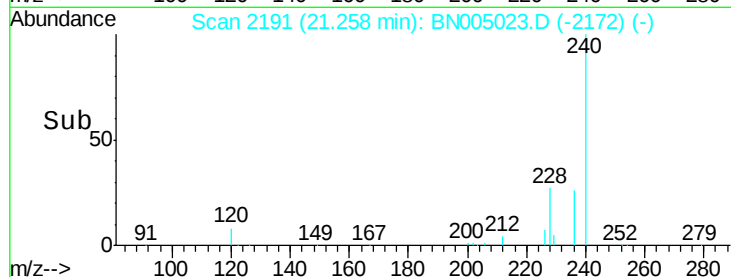
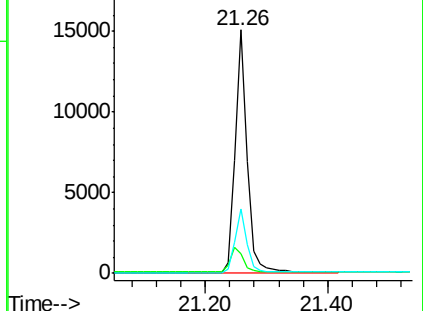
236 26.3 21.0 31.6



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: 0.410 ng

RT: 19.49 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

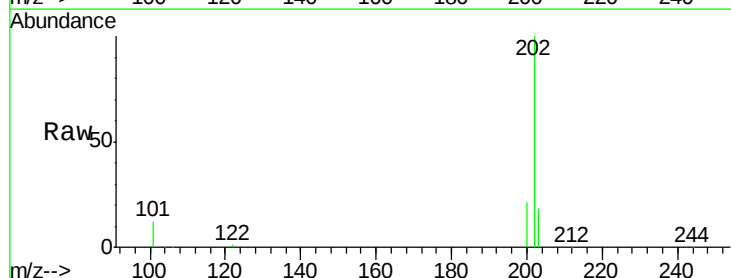
Tgt Ion:202 Resp: 24046

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

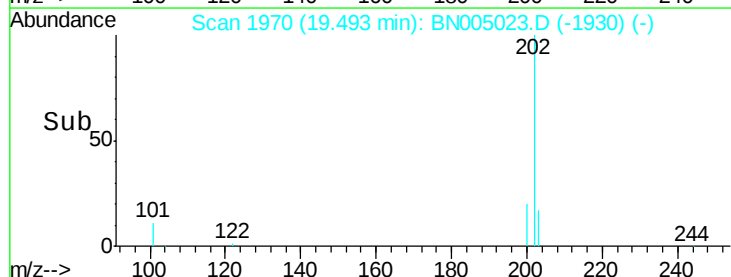
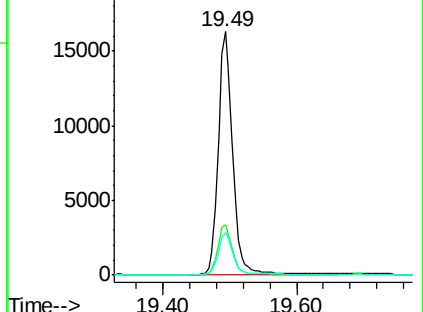
203 17.4 13.9 20.9

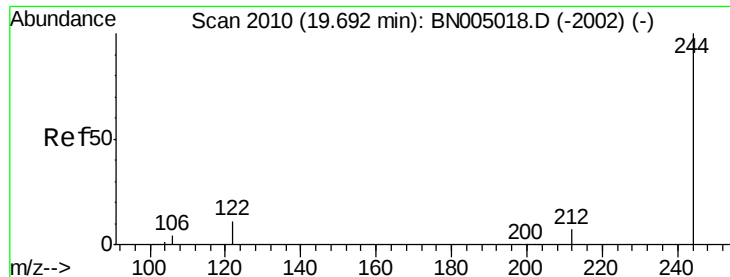


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

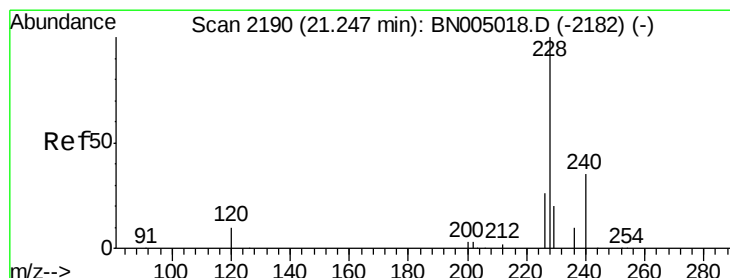
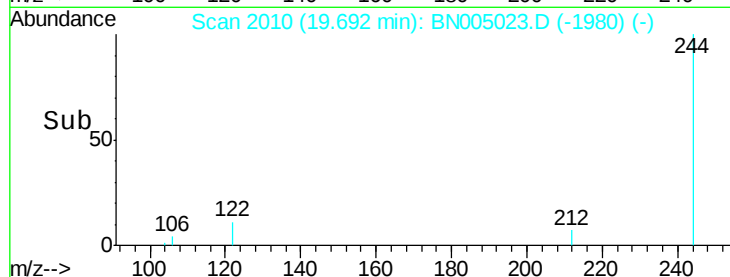
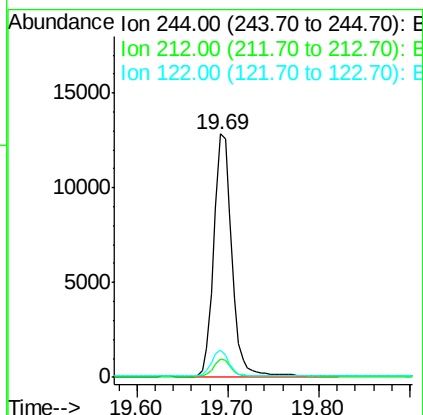
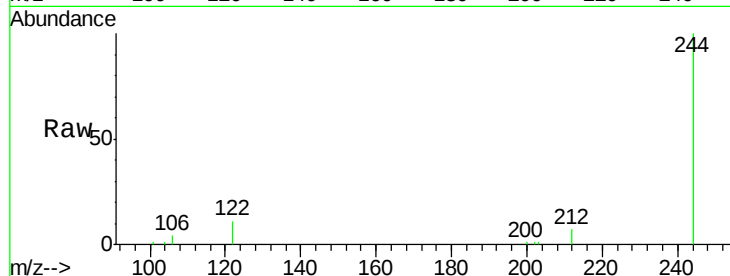




#29
 Terphenyl-d14
 Concen: 0.408 ng
 RT: 19.69 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BN005023.D
 Acq: 28 Mar 2019 21:35

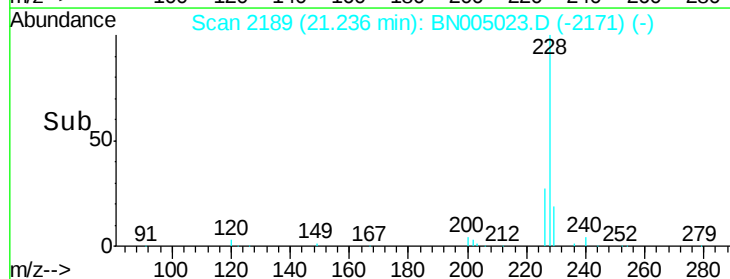
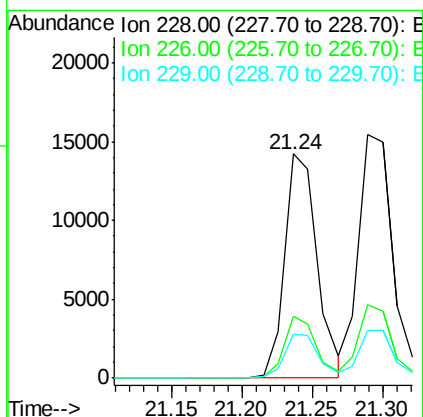
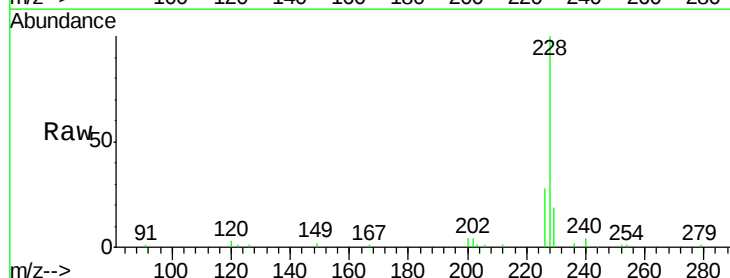
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032819

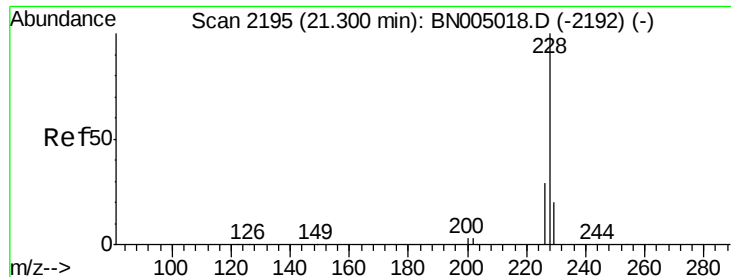
Tgt Ion:244 Resp: 17275
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.3 9.0 13.4



#30
 Benzo(a)anthracene
 Concen: 0.391 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BN005023.D
 Acq: 28 Mar 2019 21:35

Tgt Ion:228 Resp: 22736
 Ion Ratio Lower Upper
 228 100
 226 27.6 20.9 31.3
 229 19.4 16.2 24.2





#31

Chrysene

Concen: 0.410 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

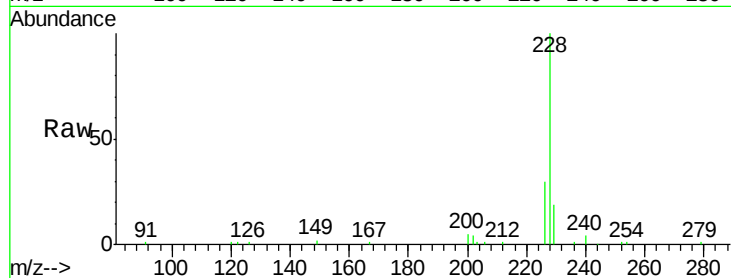
Tgt Ion:228 Resp: 25735

Ion Ratio Lower Upper

228 100

226 30.2 22.8 34.2

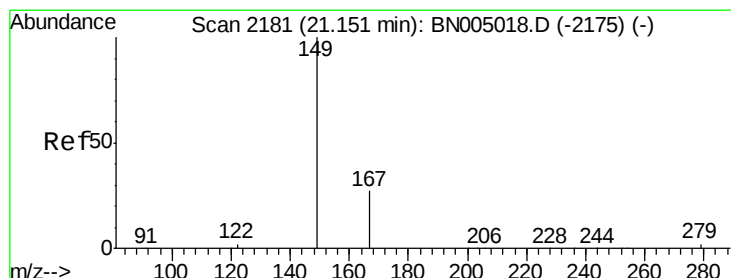
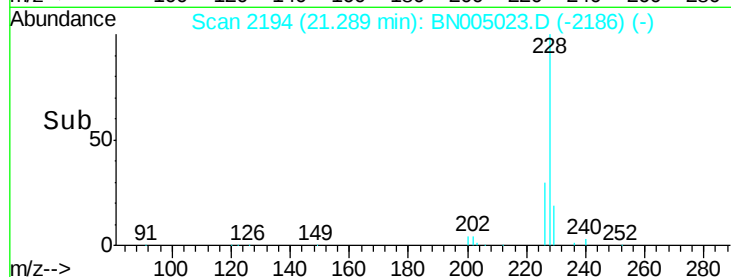
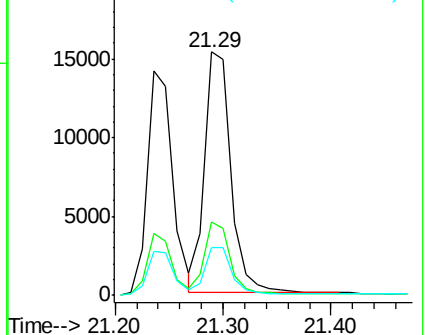
229 19.4 16.2 24.4



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: 0.363 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

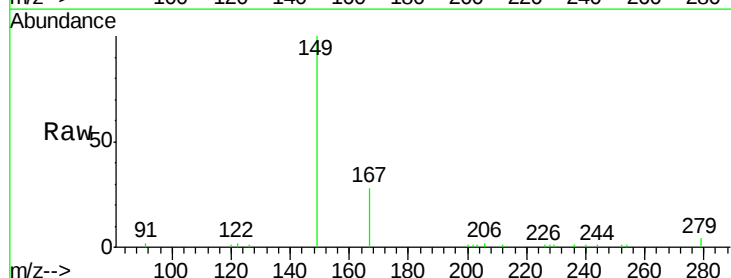
Tgt Ion:149 Resp: 8839

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

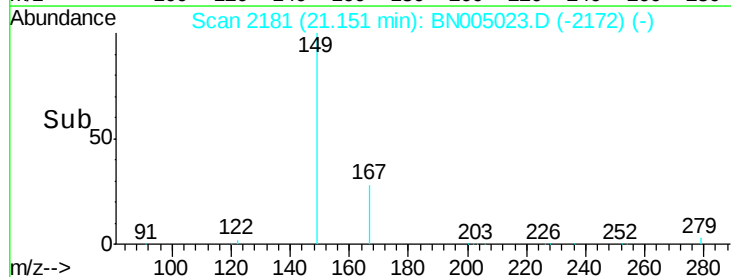
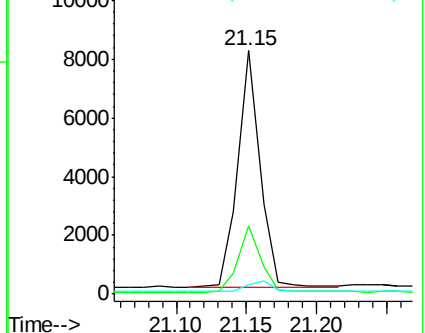
279 5.3 4.2 6.4

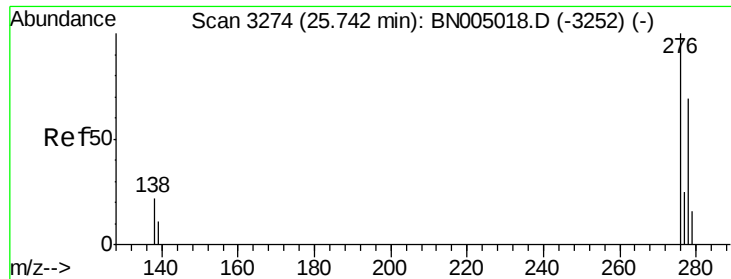


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng

RT: 25.74 min Scan# 3274

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

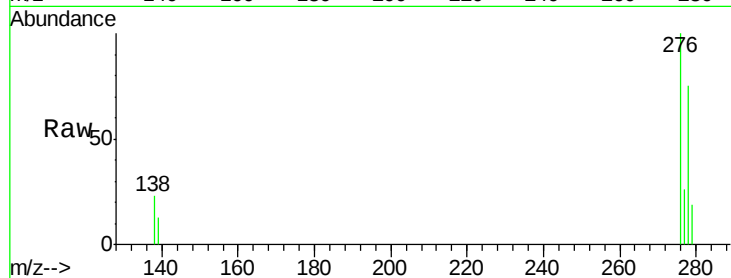
Tgt Ion:276 Resp: 29048

Ion Ratio Lower Upper

276 100

138 22.4 18.2 27.2

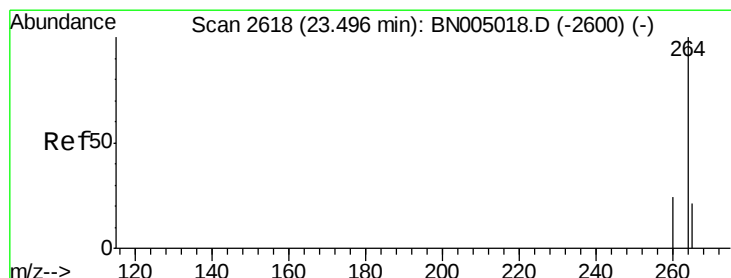
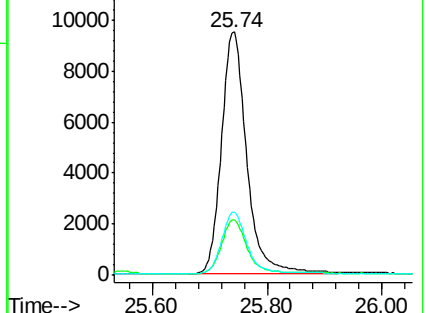
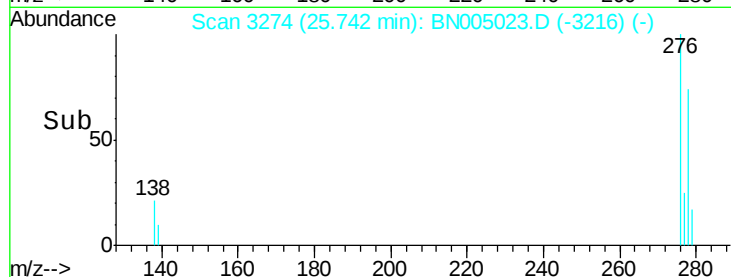
277 25.3 20.3 30.5



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: 23.49 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

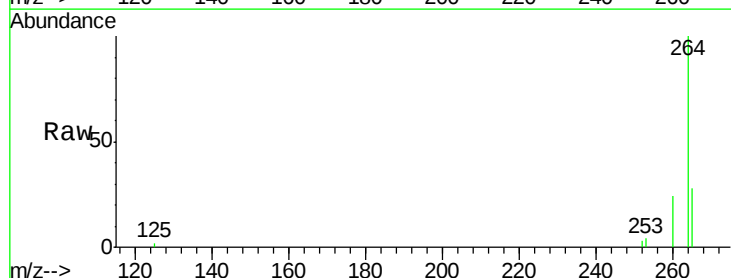
Tgt Ion:264 Resp: 20607

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

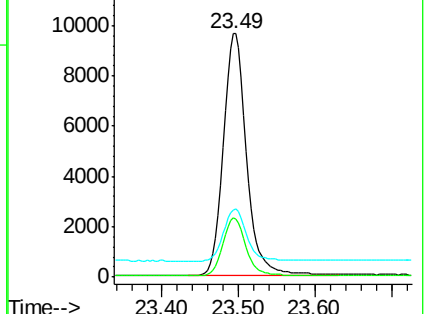
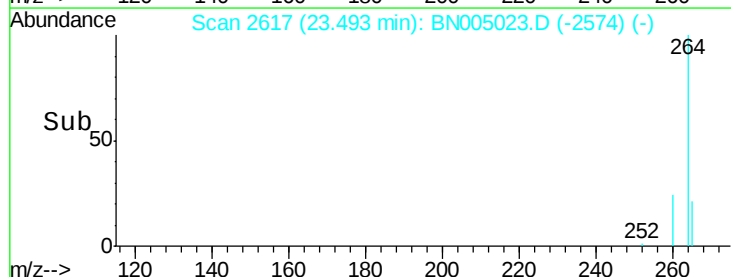
265 27.6 22.5 33.7

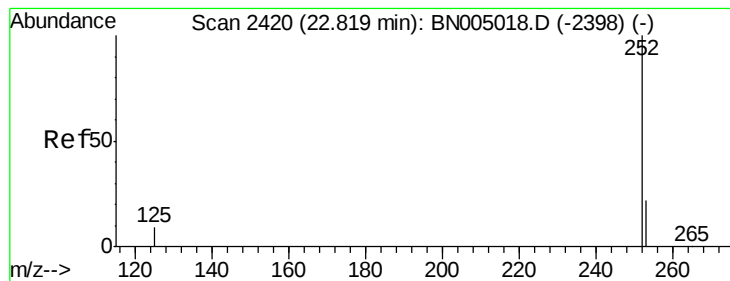


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.412 ng

RT: 22.82 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

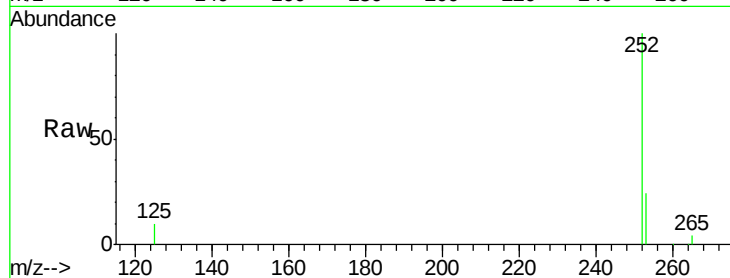
Tgt Ion:252 Resp: 27221

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

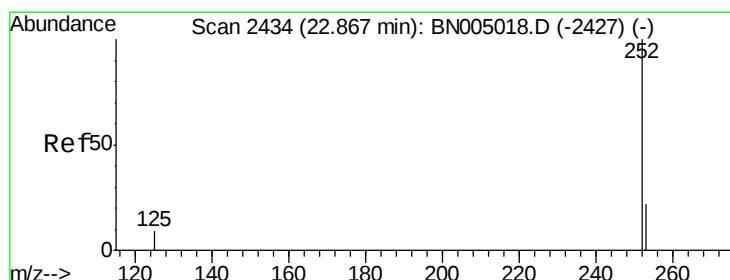
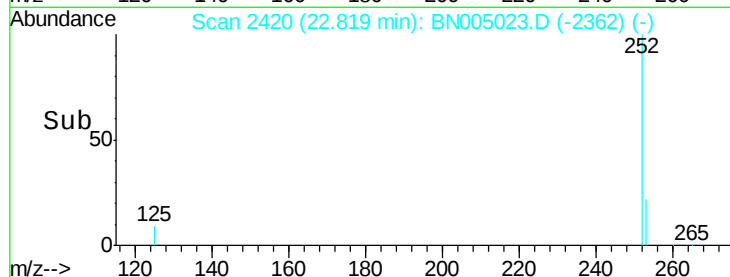
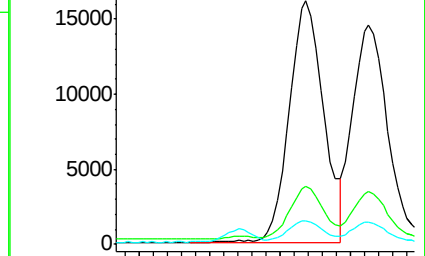
125 9.9 8.2 12.2



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



#36

Benzo(k)fluoranthene

Concen: 0.404 ng

RT: 22.86 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

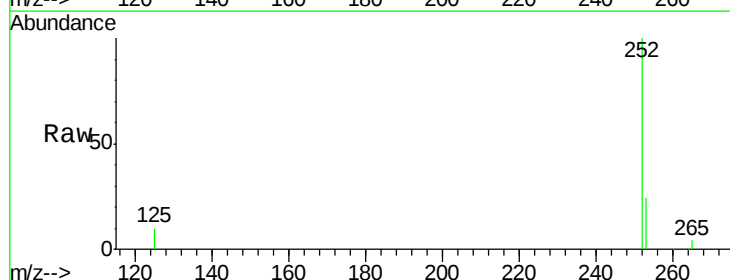
Tgt Ion:252 Resp: 25794

Ion Ratio Lower Upper

252 100

253 24.0 19.3 28.9

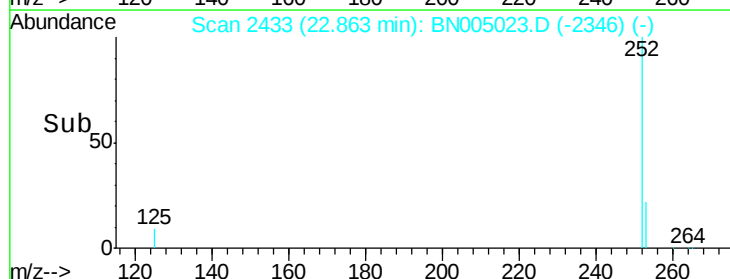
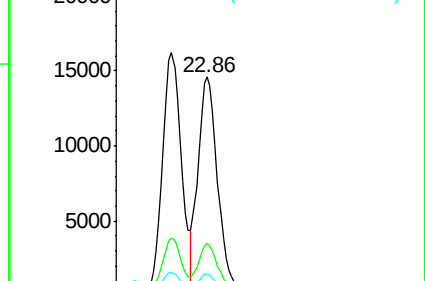
125 10.0 8.2 12.2

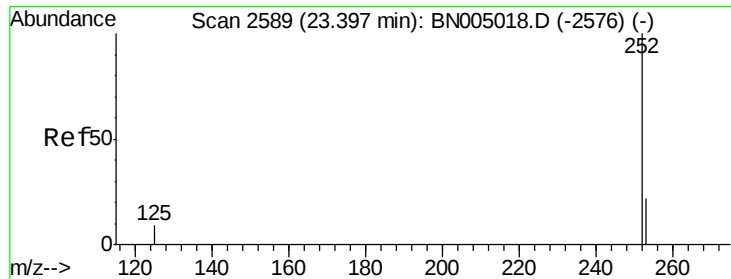


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.404 ng

RT: 23.39 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819

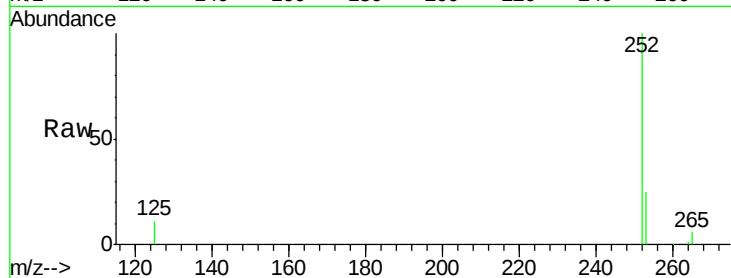
Tgt Ion:252 Resp: 23744

Ion Ratio Lower Upper

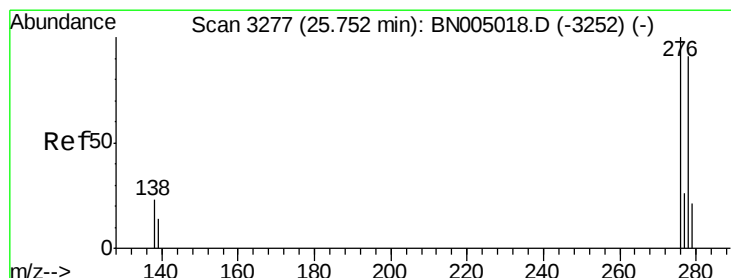
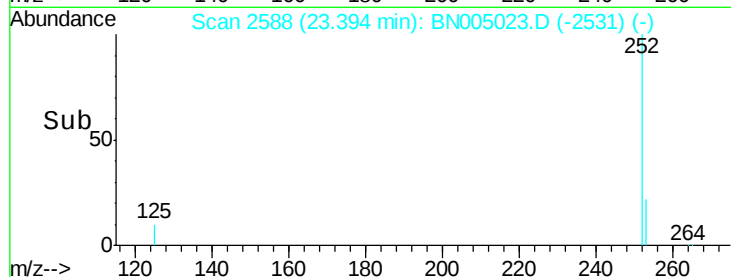
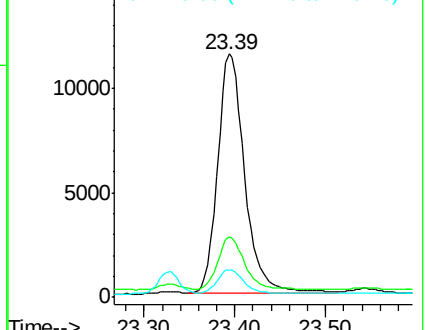
252 100

253 24.7 20.2 30.2

125 11.4 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: 0.402 ng

RT: 25.75 min Scan# 3276

Delta R.T. -0.00 min

Lab File: BN005023.D

Acq: 28 Mar 2019 21:35

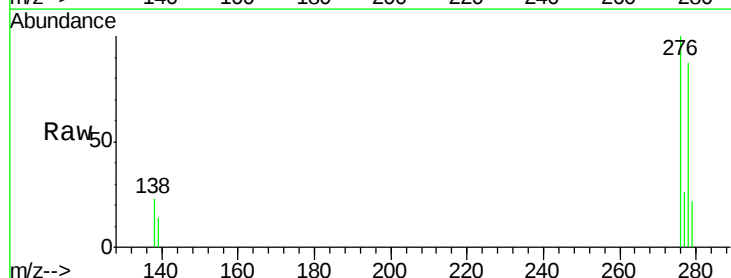
Tgt Ion:278 Resp: 23654

Ion Ratio Lower Upper

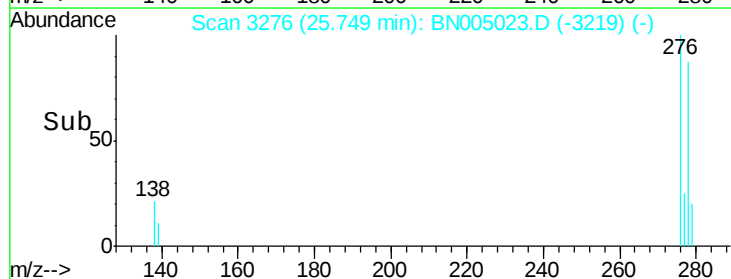
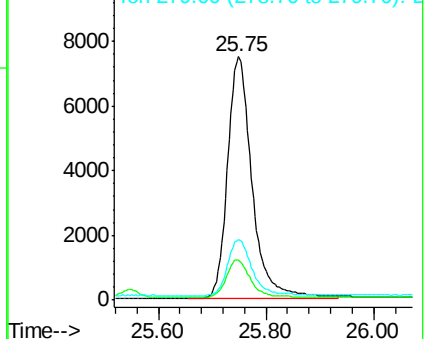
278 100

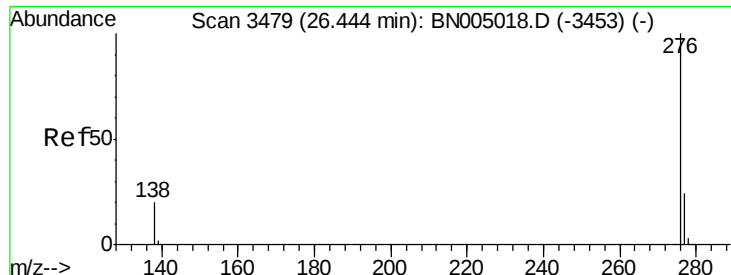
139 16.2 13.1 19.7

279 25.1 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: 0.405 ng

RT: 26.44 min Scan# 3477

Delta R.T. -0.01 min

Lab File: BN005023.D

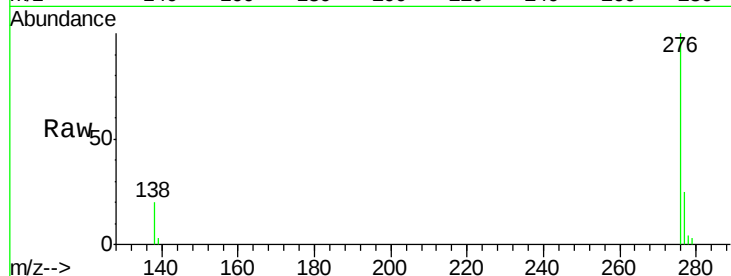
Acq: 28 Mar 2019 21:35

Instrument :

BNA_N

ClientSampleId :

ICVBN032819



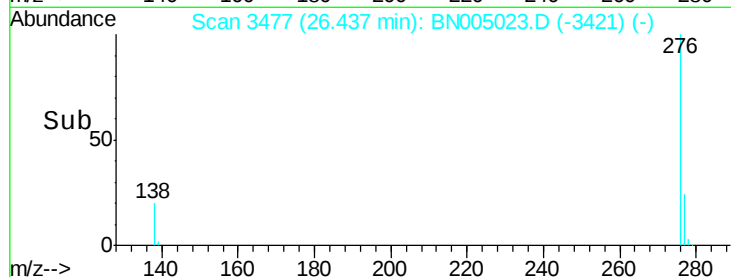
Tgt Ion: 276 Resp: 23964

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

