

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040219\
 Data File : BN005063.D
 Acq On : 02 Apr 2019 16:58
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 03 01:58:08 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	7.65	152	3184	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	13663	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7911	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	18935	0.40	ng	0.00
27) Chrysene-d12	21.27	240	21148	0.40	ng	0.01
34) Perylene-d12	23.51	264	19972	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3351	0.42	ng	0.00
5) Phenol-d6	6.83	99	3961	0.42	ng	-0.02
8) Nitrobenzene-d5	8.82	82	3153	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.03	152	9010	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	1733	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	13211	0.44	ng	0.00
25) Fluoranthene-d10	19.10	212	22540	0.42	ng	0.00
29) Terphenyl-d14	19.70	244	18852	0.43	ng	0.00

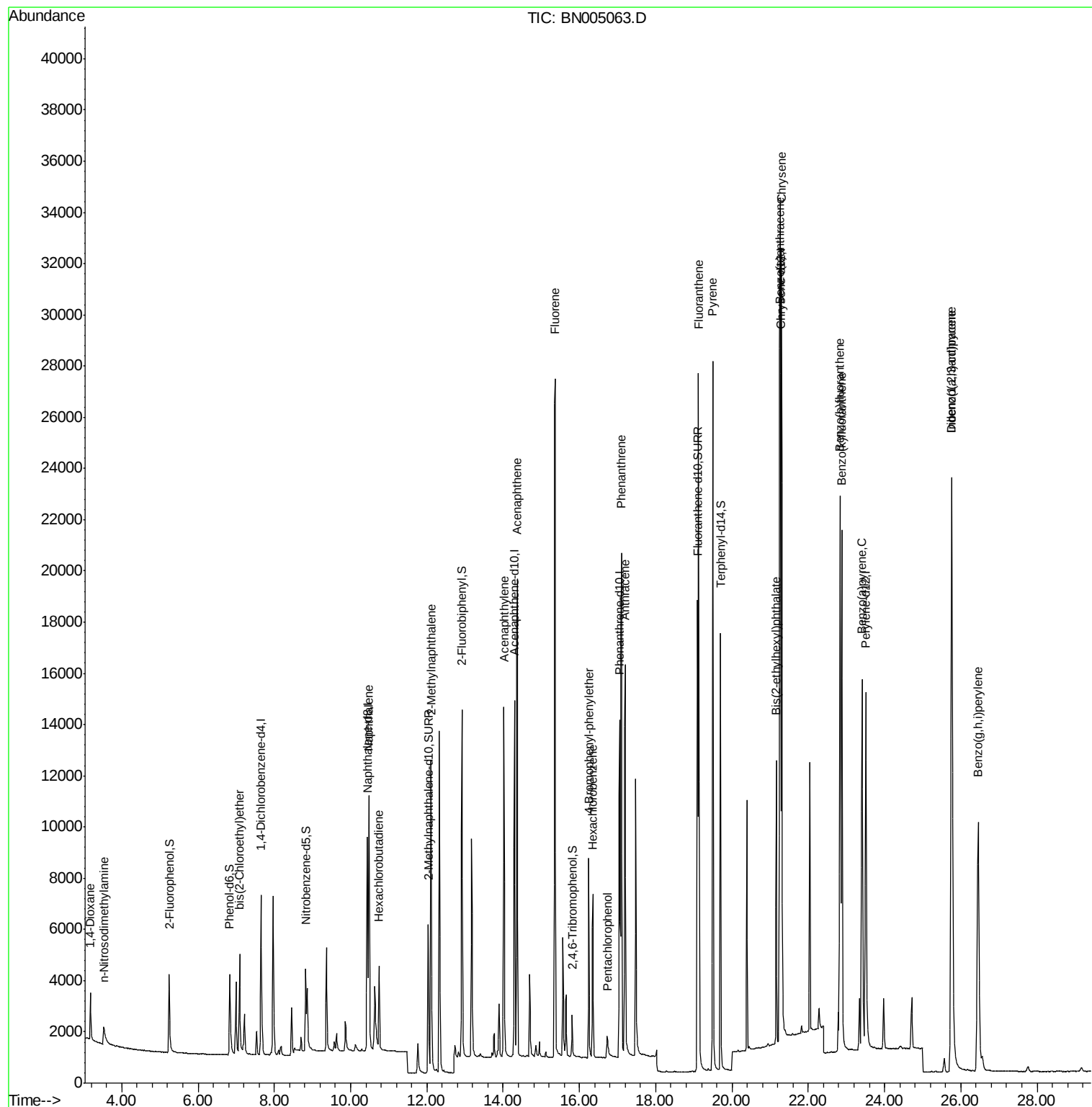
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.18	88	1438	0.420	ng	98
3) n-Nitrosodimethylamine	3.53	42	752	0.360	ng	# 95
6) bis(2-Chloroethyl)ether	7.09	93	3806	0.428	ng	99
9) Naphthalene	10.48	128	14788	0.431	ng	99
10) Hexachlorobutadiene	10.74	225	2840	0.445	ng	# 99
12) 2-Methylnaphthalene	12.11	142	10510	0.424	ng	98
16) Acenaphthylene	14.02	152	15364	0.411	ng	99
17) Acenaphthene	14.37	154	10317	0.435	ng	99
18) Fluorene	15.36	166	13679	0.430	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	4469	0.412	ng	93
21) Hexachlorobenzene	16.36	284	5314	0.444	ng	97
22) Pentachlorophenol	16.73	266	846	0.429	ng	98
23) Phenanthrene	17.10	178	22596	0.426	ng	100
24) Anthracene	17.20	178	19302	0.409	ng	100
26) Fluoranthene	19.13	202	26773	0.412	ng	100
28) Pyrene	19.49	202	27205	0.453	ng	100
30) Benzo(a)anthracene	21.25	228	24684	0.414	ng	98
31) Chrysene	21.30	228	27924	0.434	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	9307	0.373	ng	100
33) Indeno(1,2,3-cd)pyrene	25.76	276	28785	0.398	ng	99
35) Benzo(b)fluoranthene	22.83	252	28977	0.453	ng	99
36) Benzo(k)fluoranthene	22.88	252	27504	0.444	ng	99
37) Benzo(a)pyrene	23.41	252	24336	0.427	ng	99
38) Dibenzo(a,h)anthracene	25.77	278	23361	0.410	ng	99
39) Benzo(g,h,i)perylene	26.45	276	23768	0.414	ng	99

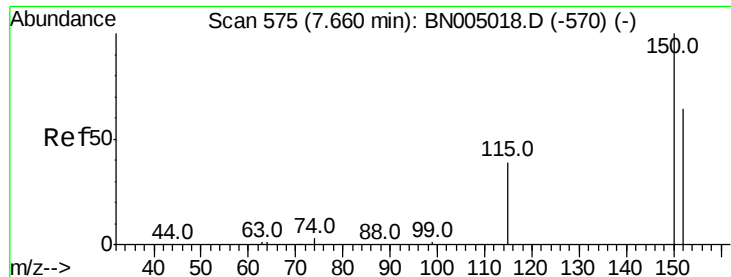
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 29 03:42:17 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.65 min Scan# 574

Delta R.T. -0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

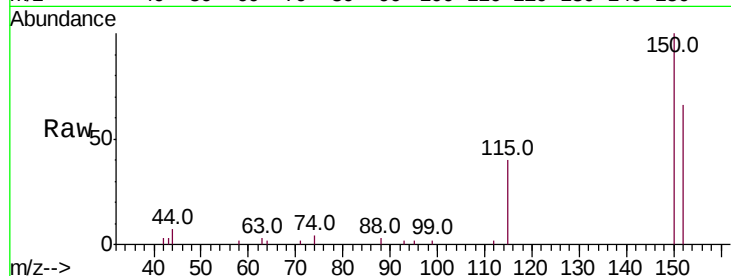
Tot Ion:152 Resp: 3184

Ion Ratio Lower Upper

152 100

150 151.1 123.4 185.2

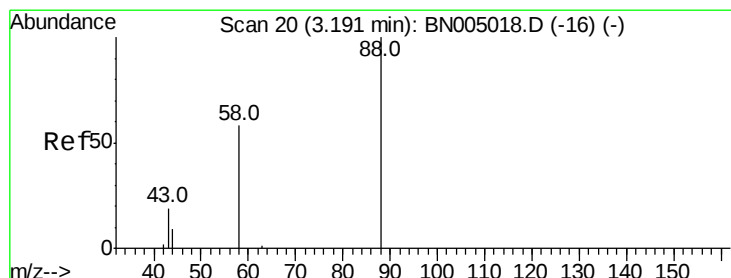
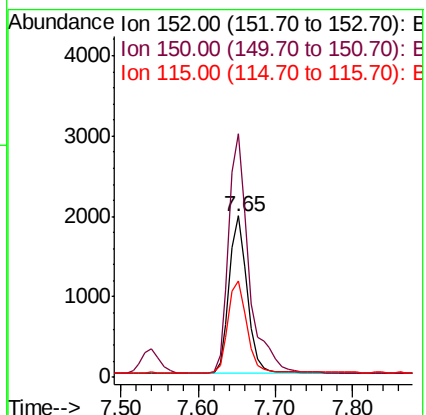
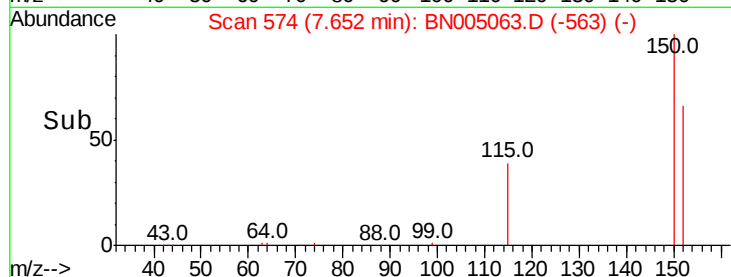
115 59.9 50.0 75.0



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: 0.420 ng

RT: 3.18 min Scan# 19

Delta R.T. -0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

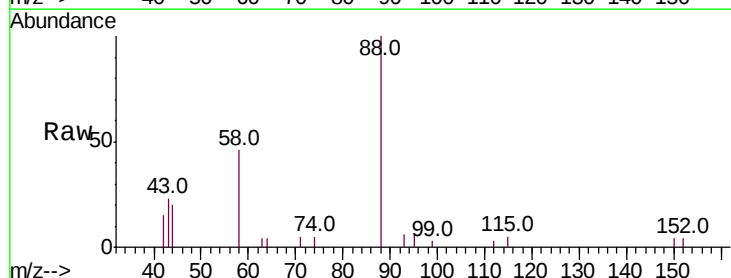
Tgt Ion: 88 Resp: 1438

Ion Ratio Lower Upper

88 100

58 66.7 52.8 79.2

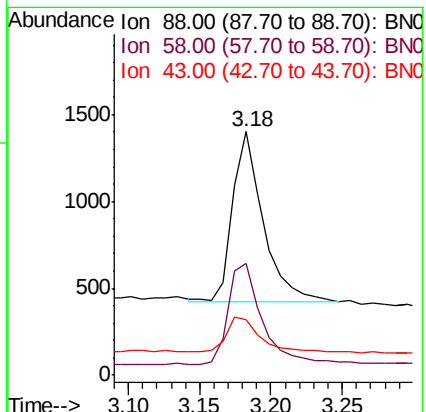
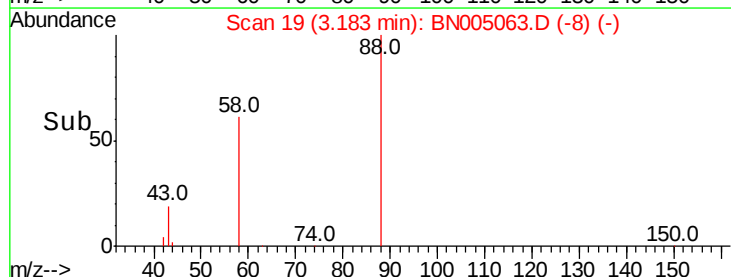
43 22.3 19.6 29.4

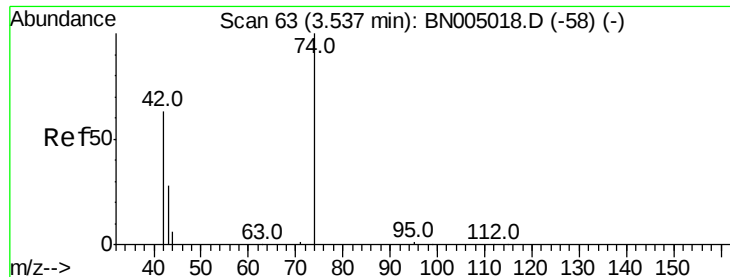


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.360 ng

RT: 3.53 min Scan# 62

Delta R.T. -0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

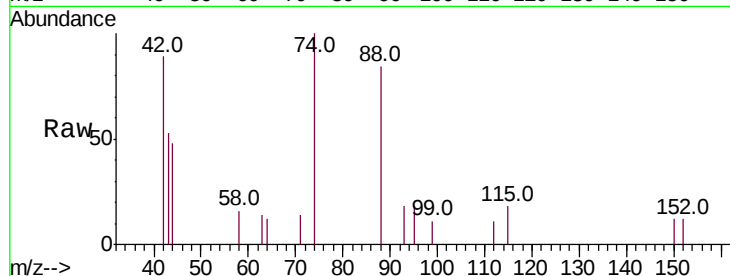
Tot Ion: 42 Resp: 752

Ion Ratio Lower Upper

42 100

74 156.9 129.1 193.7

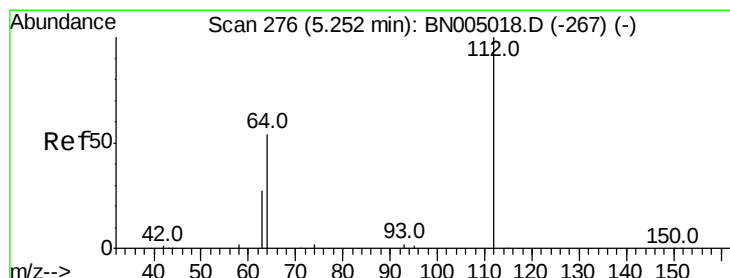
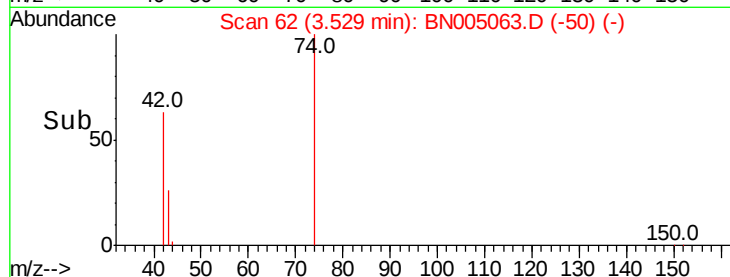
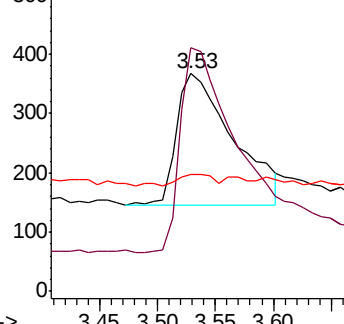
44 5.3 11.6 17.4#



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: 0.422 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

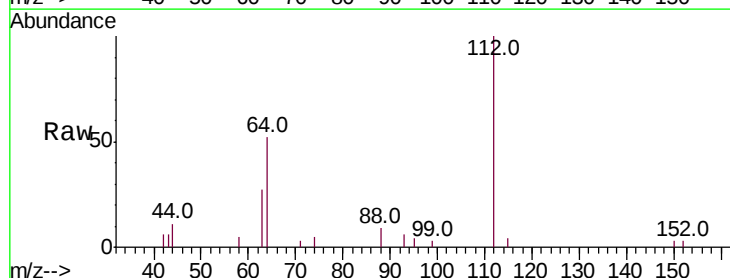
Tgt Ion: 112 Resp: 3351

Ion Ratio Lower Upper

112 100

64 51.7 41.9 62.9

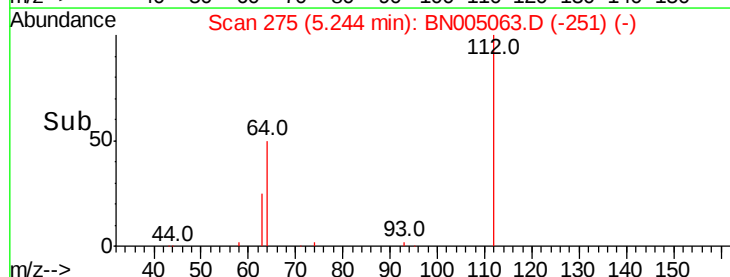
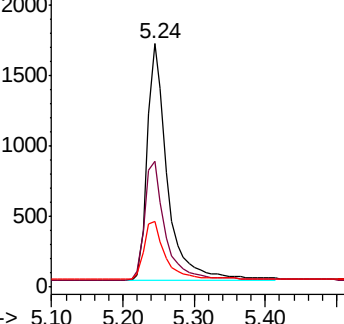
63 25.9 21.5 32.3

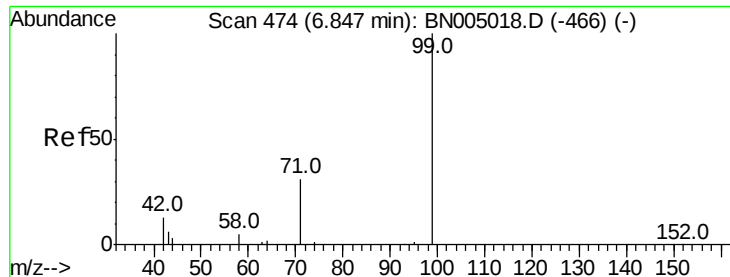


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.421 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

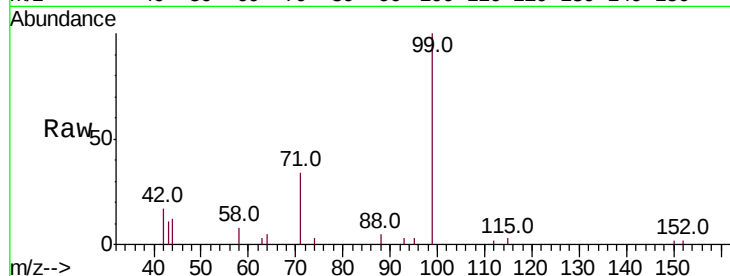
Tot Ion: 99 Resp: 3961

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

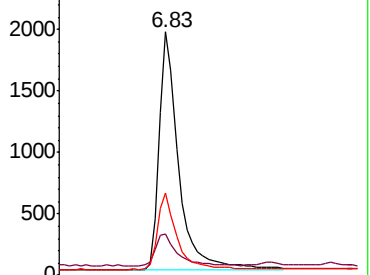
71 31.5 26.1 39.1



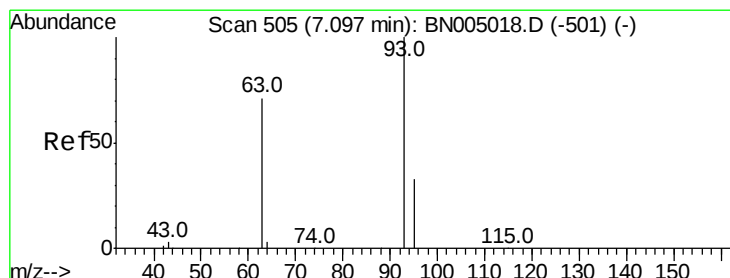
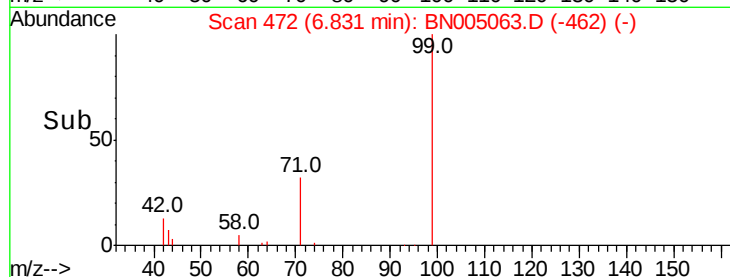
Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.428 ng

RT: 7.09 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

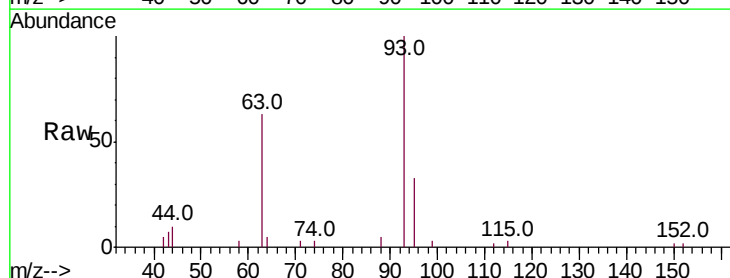
Tgt Ion: 93 Resp: 3806

Ion Ratio Lower Upper

93 100

63 63.5 51.8 77.6

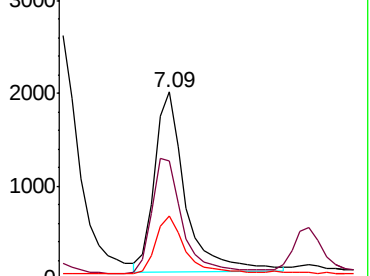
95 30.5 24.8 37.2



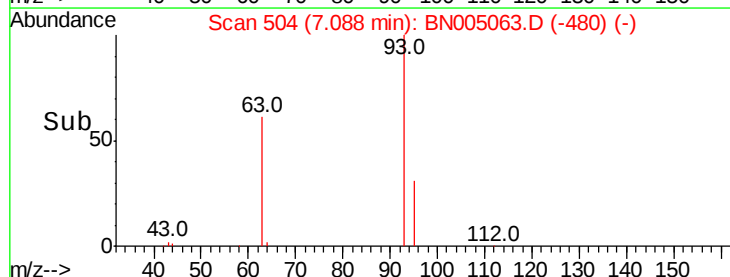
Abundance Ion 93.00 (92.70 to 93.70): BN005018.D (-501) (-)

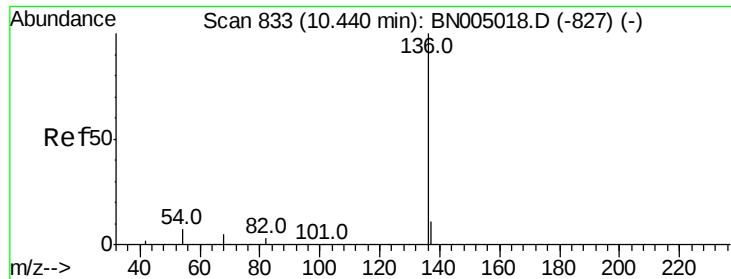
Ion 63.00 (62.70 to 63.70): BN005018.D (-501) (-)

Ion 95.00 (94.70 to 95.70): BN005018.D (-501) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 13663

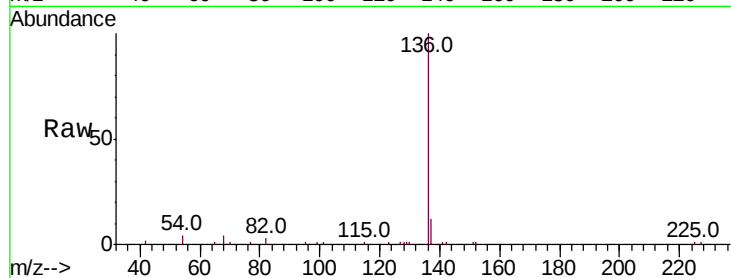
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 4.4 6.0 9.0#

68 3.9 5.0 7.6#

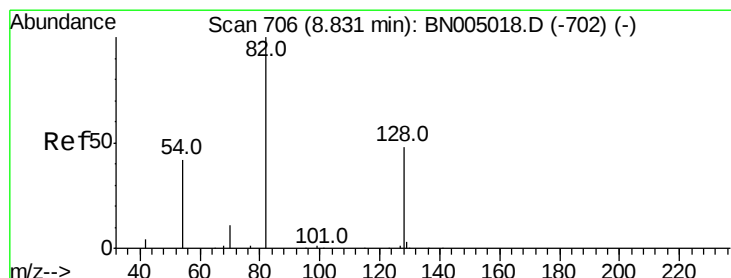
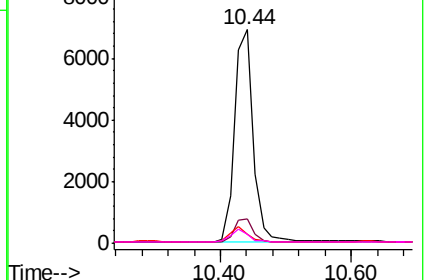
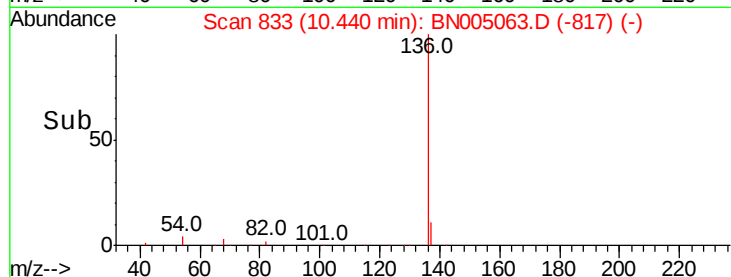


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

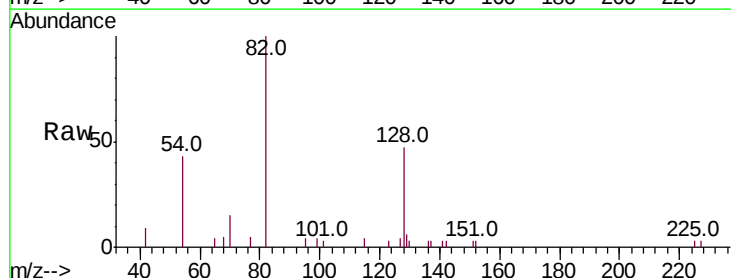
Tgt Ion: 82 Resp: 3153

Ion Ratio Lower Upper

82 100

128 47.4 40.5 60.7

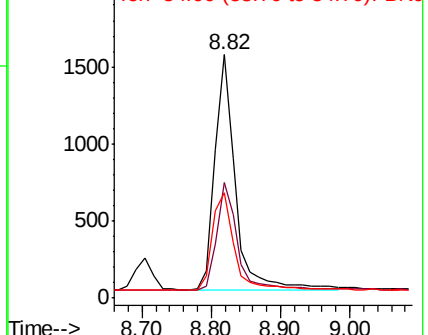
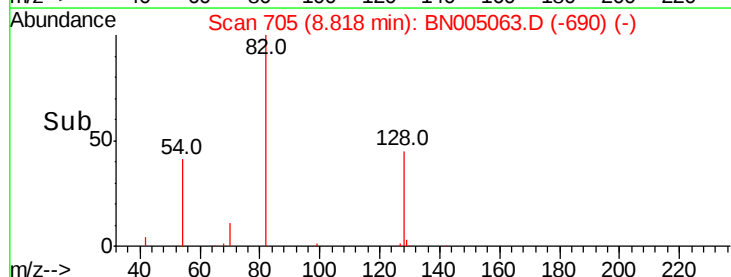
54 43.4 35.7 53.5

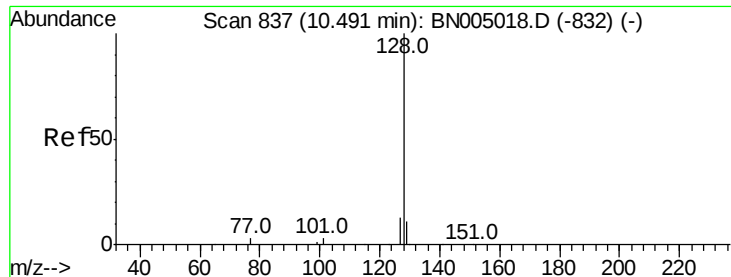


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.431 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

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BNA_N

ClientSampleId :

SSTDCCC0.4EC

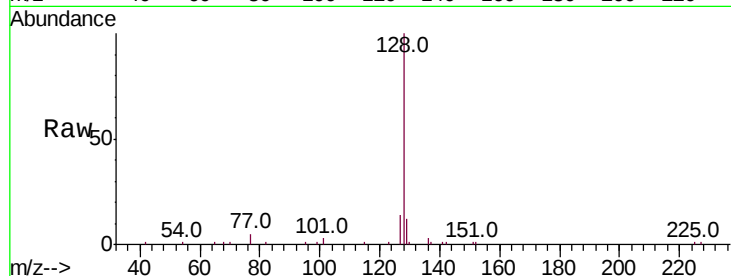
Tot Ion:128 Resp: 14788

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

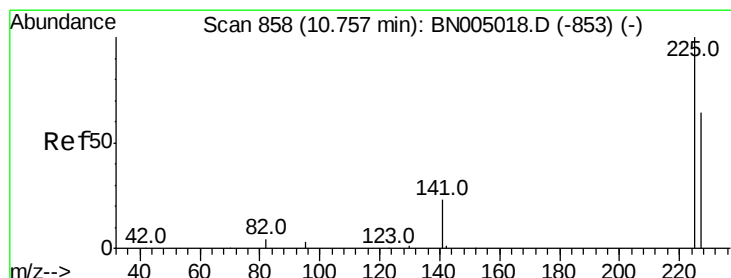
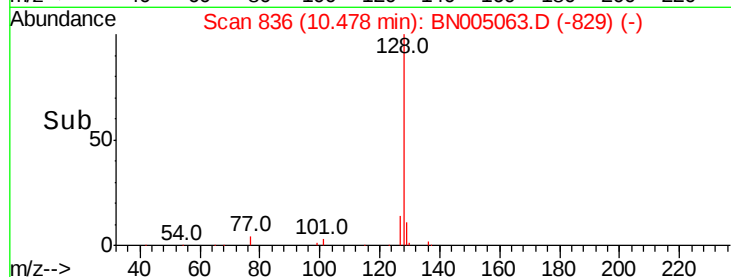
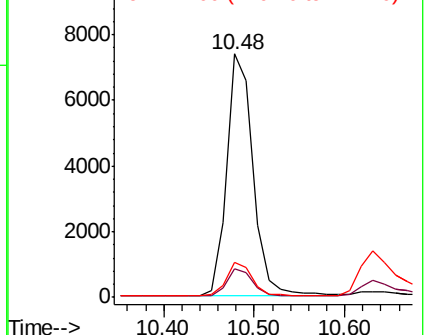
127 14.2 11.0 16.6



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: 0.445 ng

RT: 10.74 min Scan# 857

Delta R.T. -0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

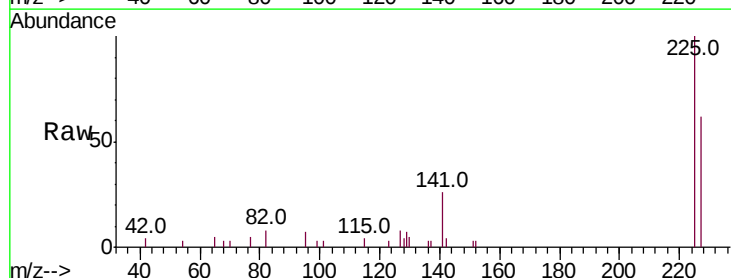
Tgt Ion:225 Resp: 2840

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

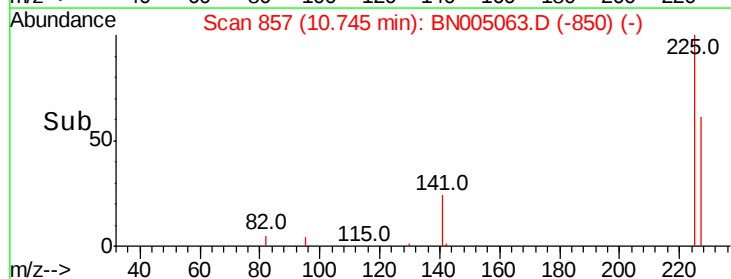
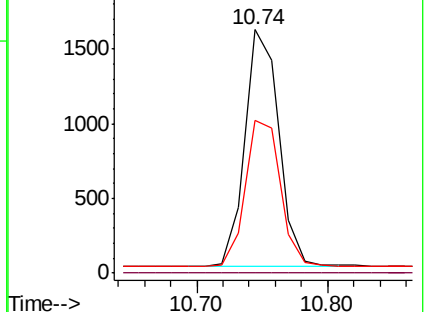
227 63.8 51.5 77.3

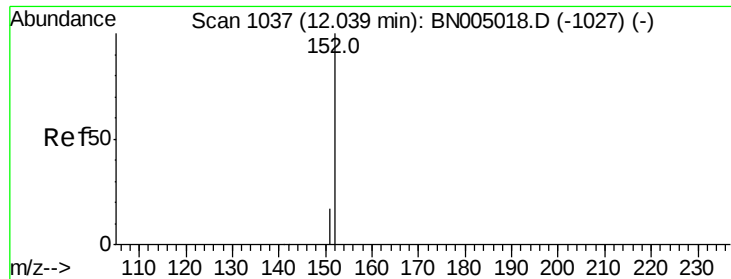


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

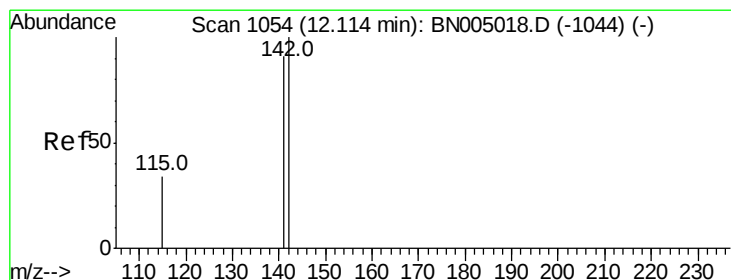
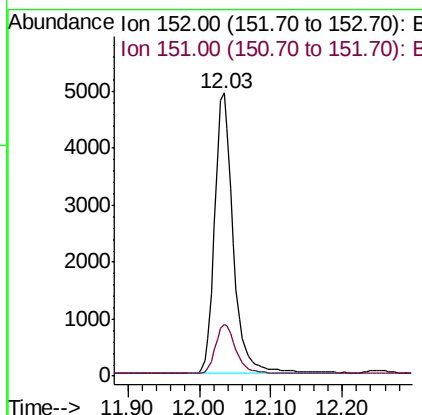
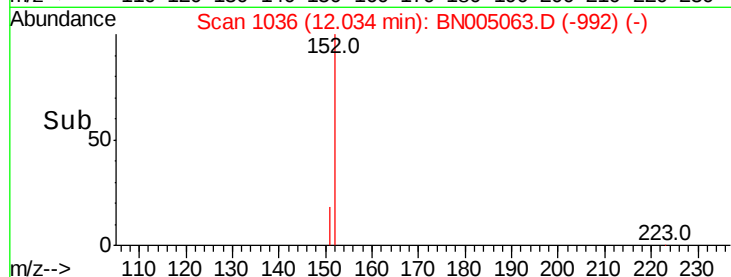
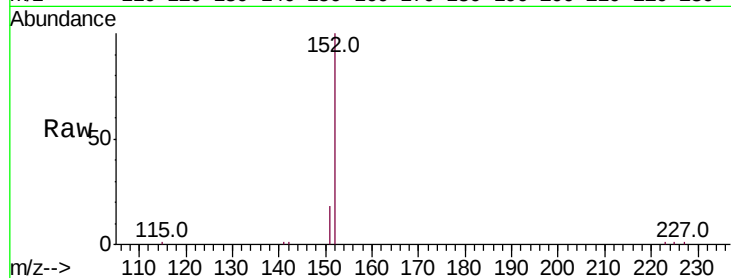




#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 12.03 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

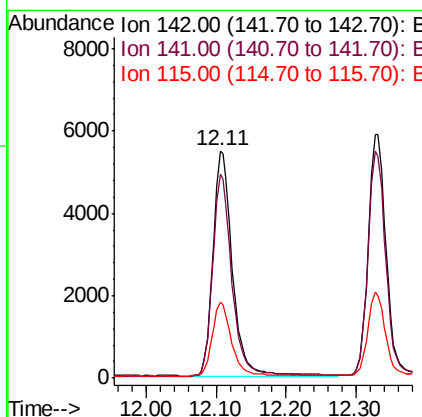
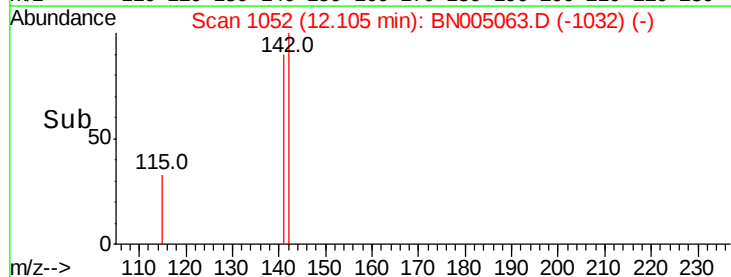
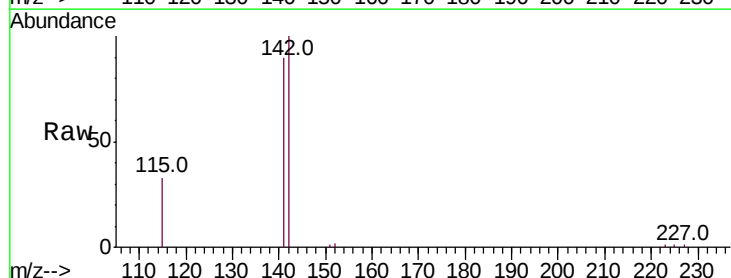
Instrument :
BNA_N
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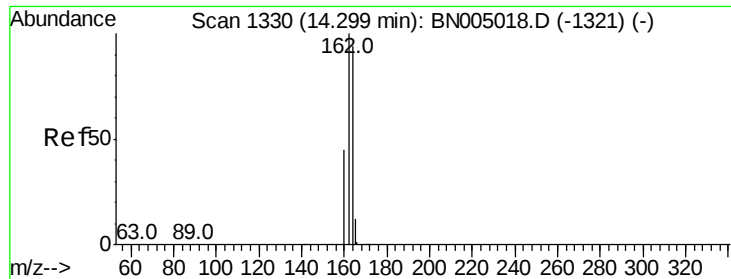
Tot Ion:152 Resp: 9010
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.424 ng
RT: 12.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:142 Resp: 10510
Ion Ratio Lower Upper
142 100
141 89.5 72.6 108.8
115 33.4 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: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

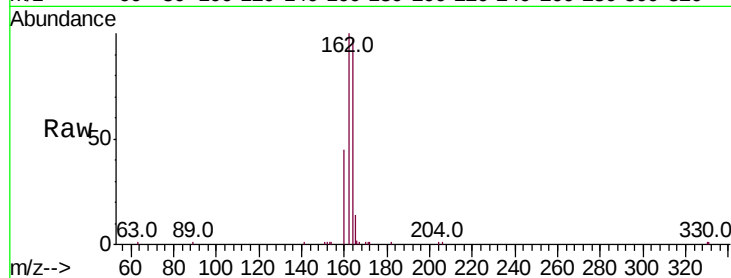
Tot Ion:164 Resp: 7911

Ion Ratio Lower Upper

164 100

162 103.2 85.3 127.9

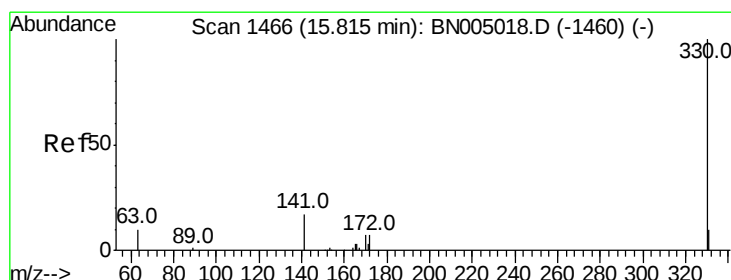
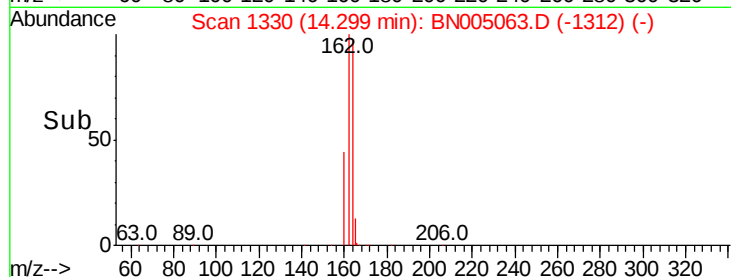
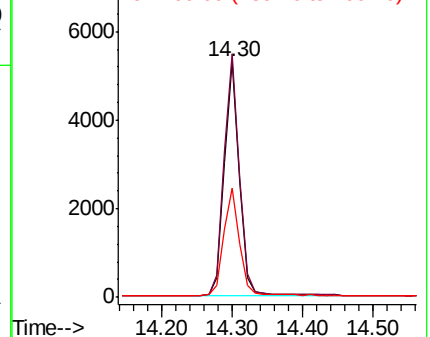
160 46.1 39.2 58.8



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: 0.391 ng

RT: 15.80 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

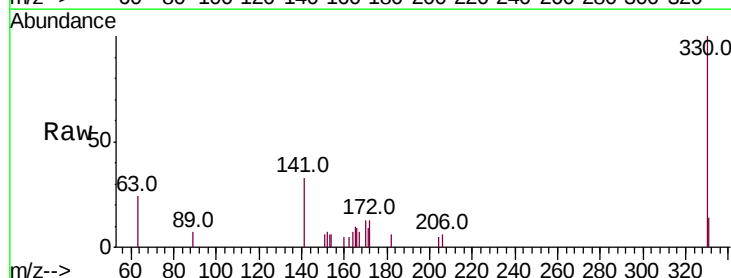
Tgt Ion:330 Resp: 1733

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

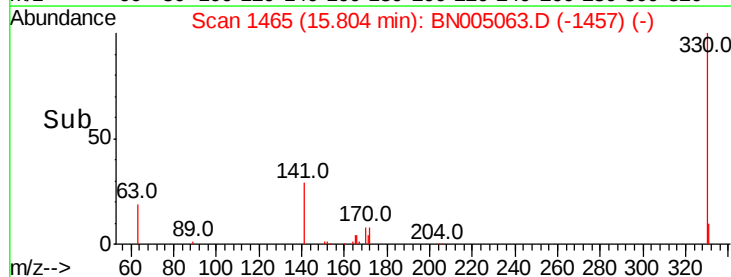
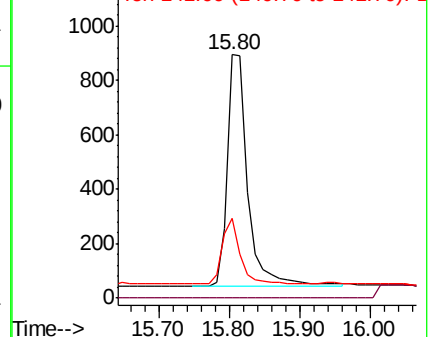
141 25.6 21.3 31.9

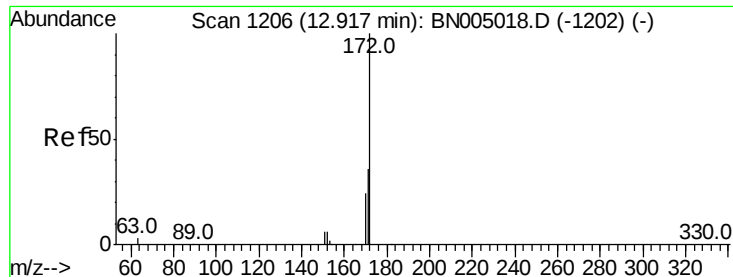


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

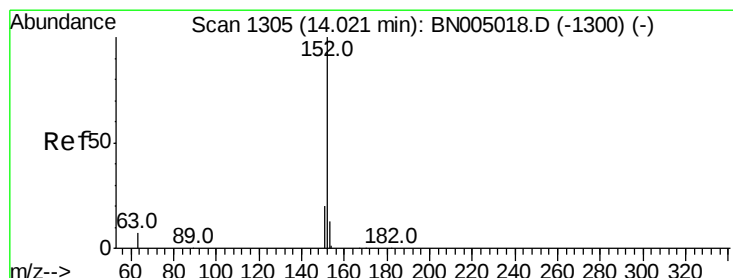
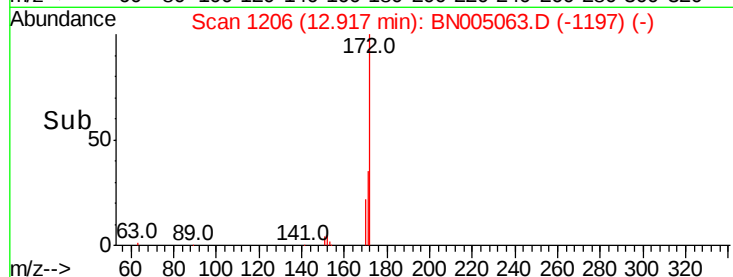
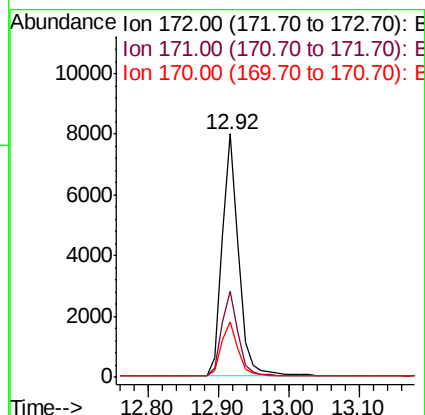
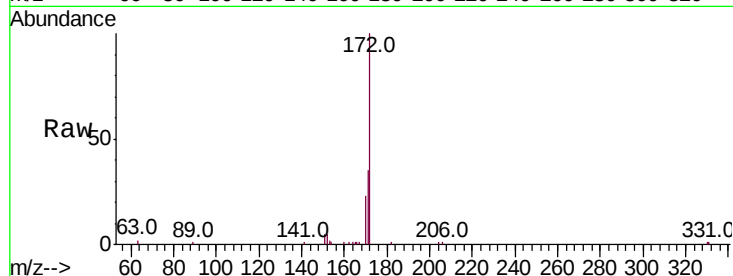




#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

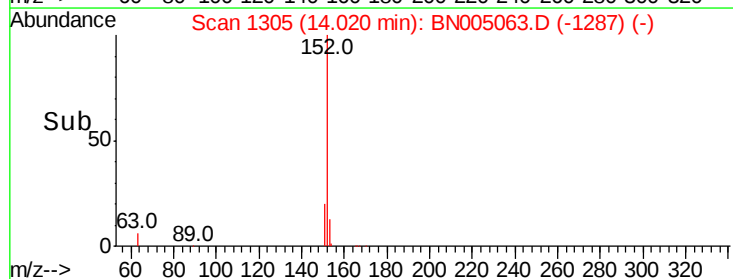
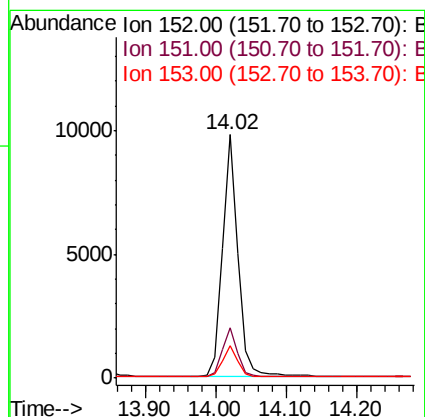
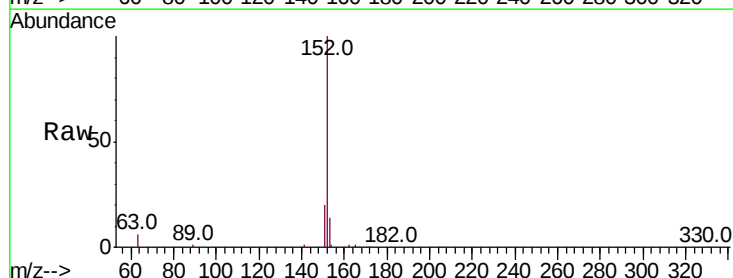
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

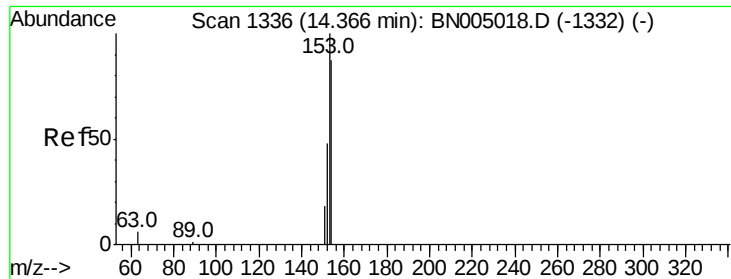
Tot Ion:172 Resp: 13211
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.0 20.0 30.0



#16
Acenaphthylene
Concen: 0.411 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:152 Resp: 15364
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.435 ng

RT: 14.37 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

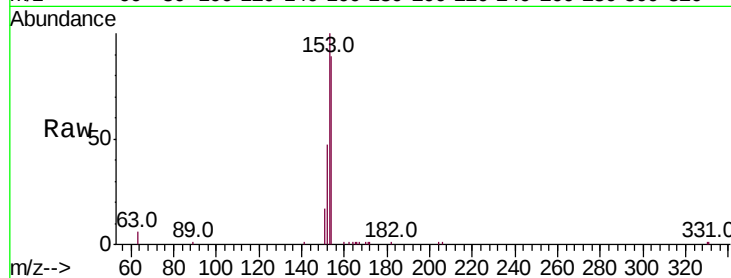
Tot Ion:154 Resp: 10317

Ion Ratio Lower Upper

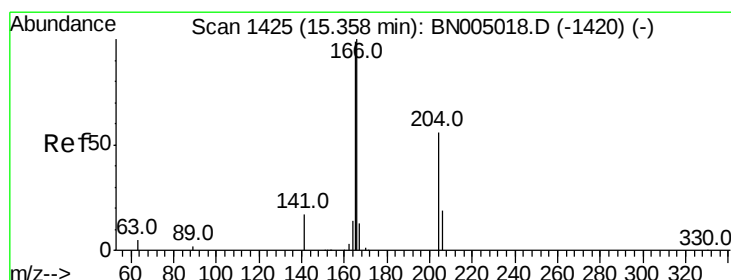
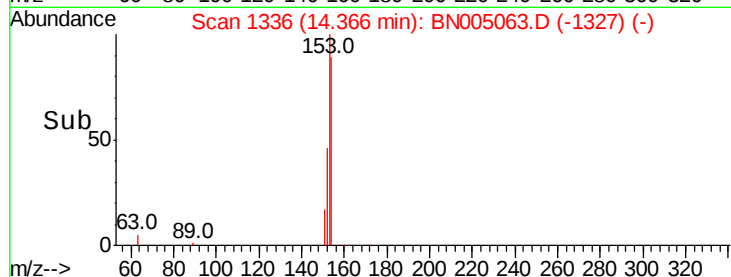
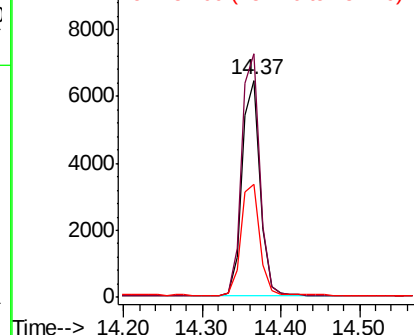
154 100

153 114.2 92.1 138.1

152 54.3 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: 0.430 ng

RT: 15.36 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

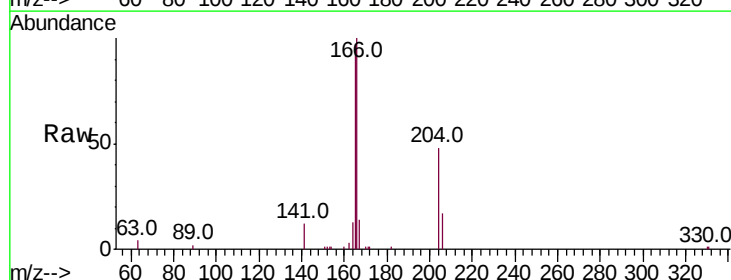
Tgt Ion:166 Resp: 13679

Ion Ratio Lower Upper

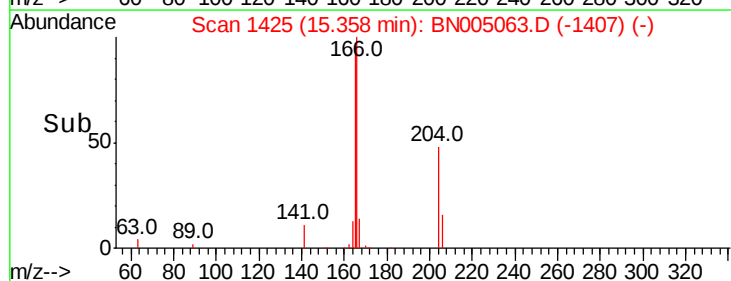
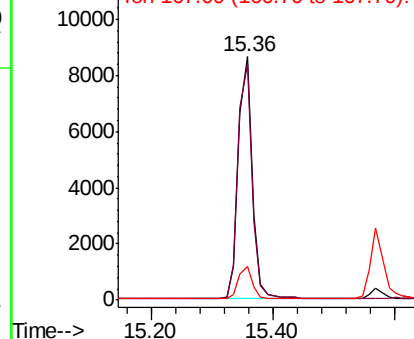
166 100

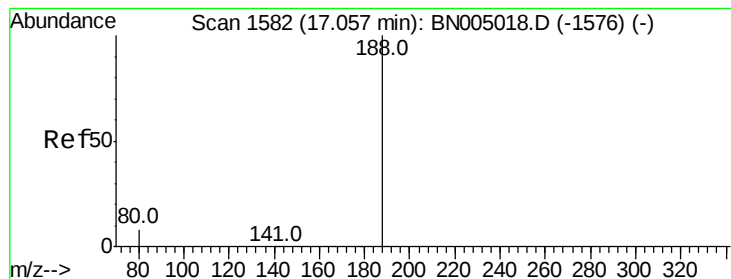
165 98.3 78.7 118.1

167 13.5 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

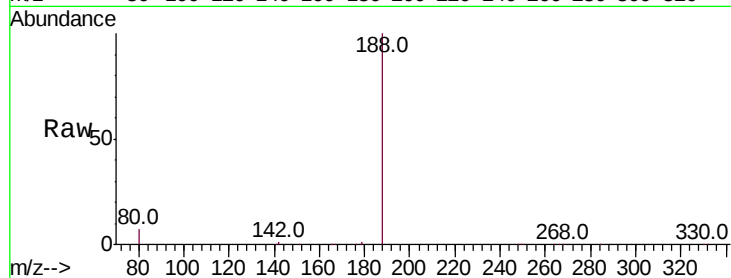
Tot Ion:188 Resp: 18935

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

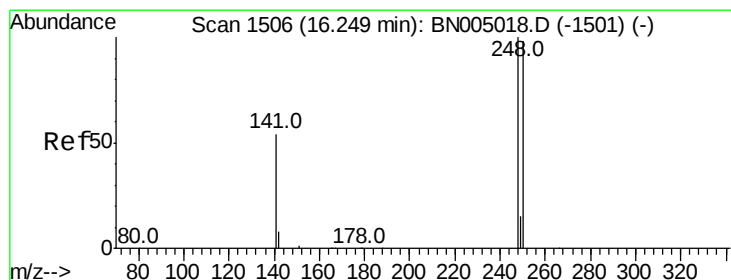
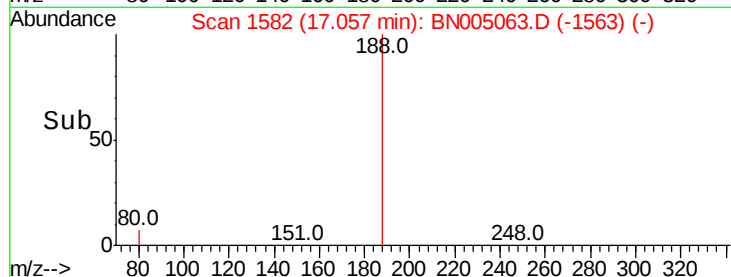
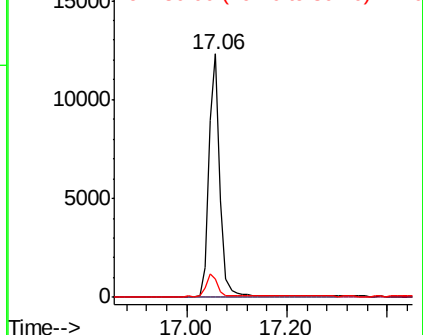
80 7.5 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.412 ng

RT: 16.25 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

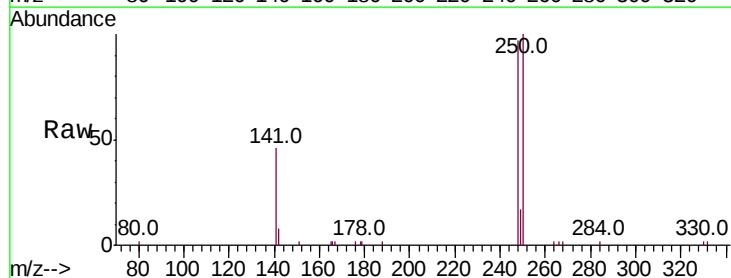
Tgt Ion:248 Resp: 4469

Ion Ratio Lower Upper

248 100

250 102.9 78.6 117.8

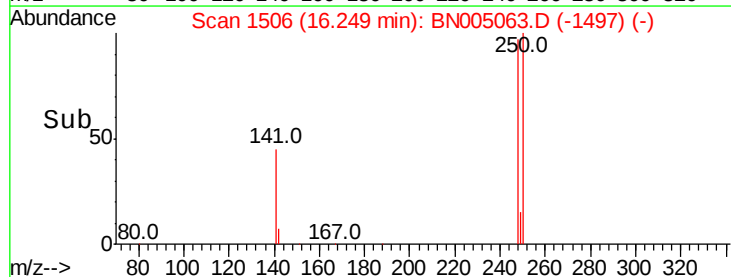
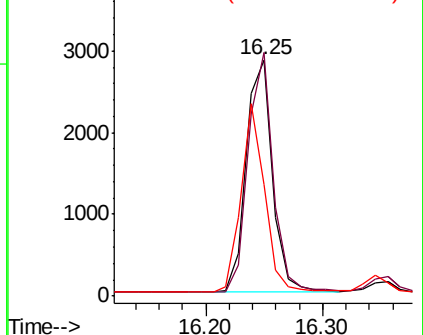
141 47.4 43.6 65.4

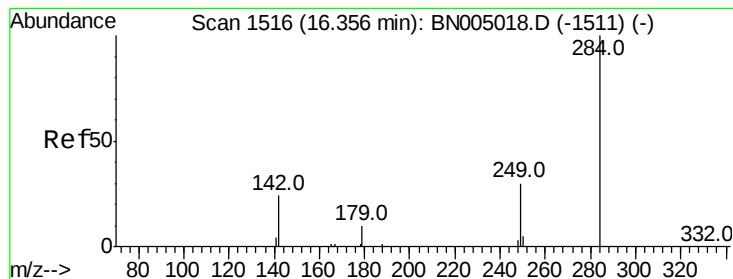


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.444 ng

RT: 16.36 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

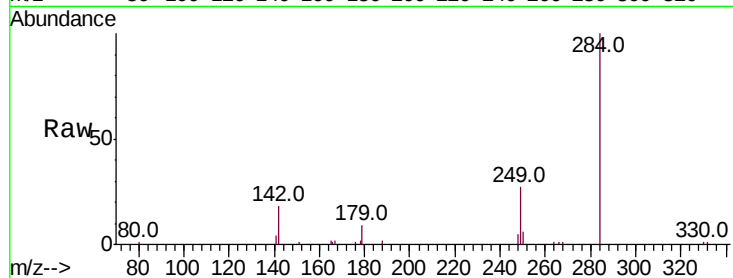
Tot Ion:284 Resp: 5314

Ion Ratio Lower Upper

284 100

142 29.4 24.9 37.3

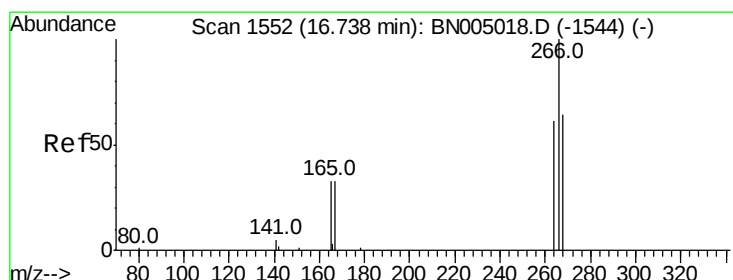
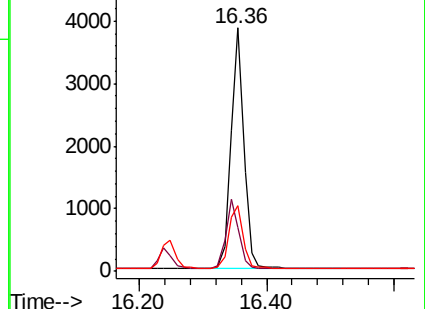
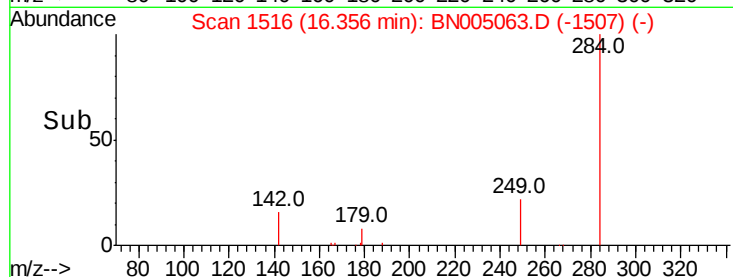
249 28.6 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.429 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

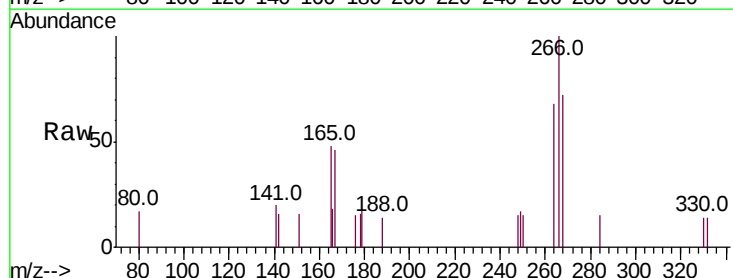
Tgt Ion:266 Resp: 846

Ion Ratio Lower Upper

266 100

264 68.1 53.4 80.0

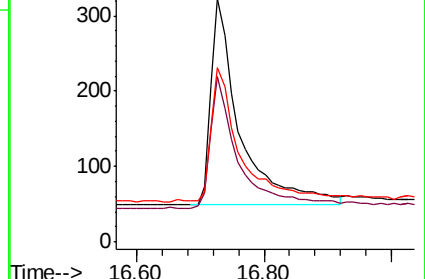
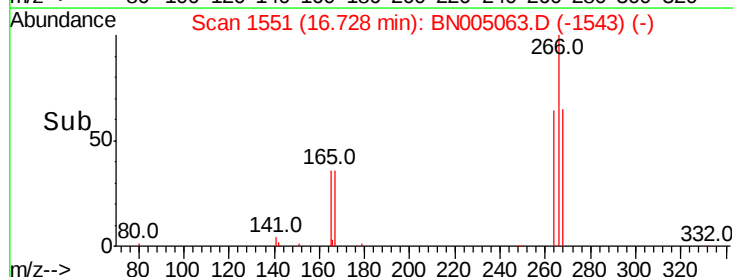
268 71.5 58.9 88.3

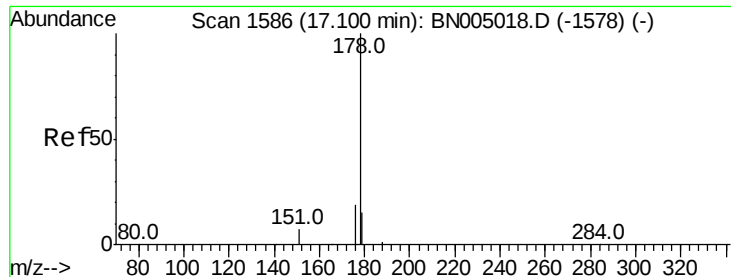


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.426 ng

RT: 17.10 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

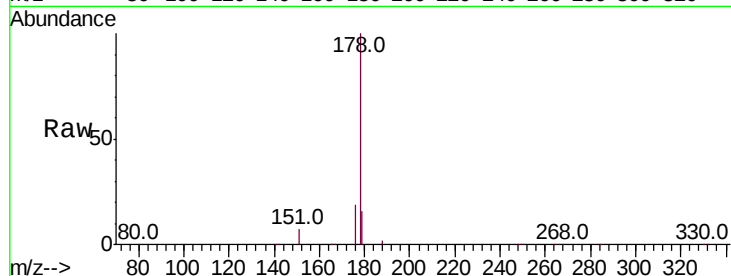
Tot Ion:178 Resp: 22596

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

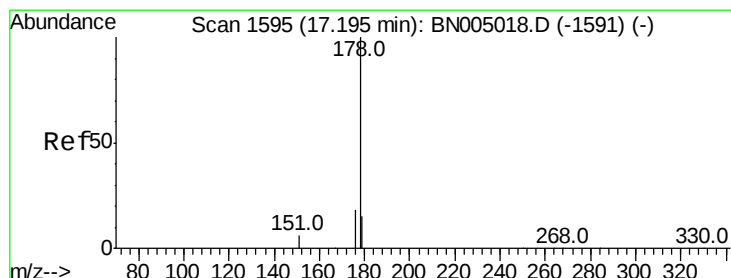
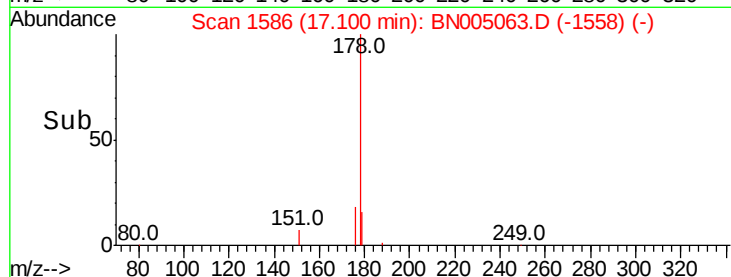
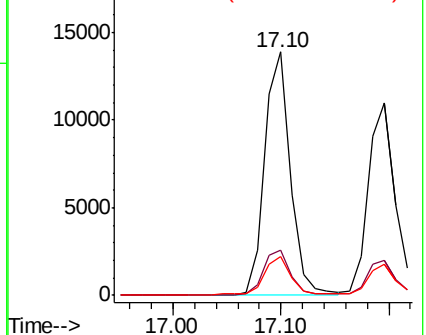
179 15.5 12.2 18.2



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: 0.409 ng

RT: 17.20 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

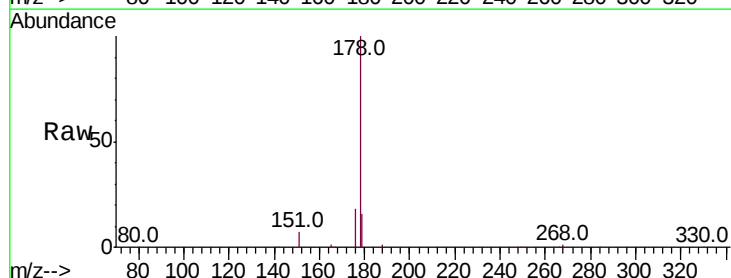
Tgt Ion:178 Resp: 19302

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

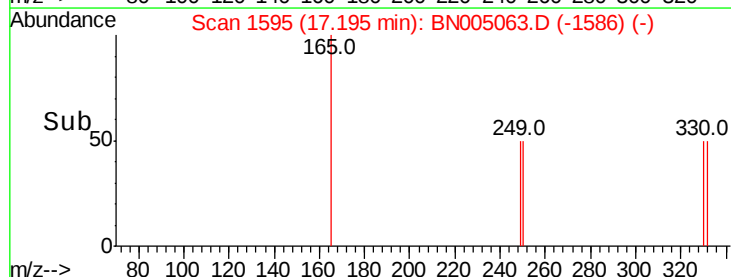
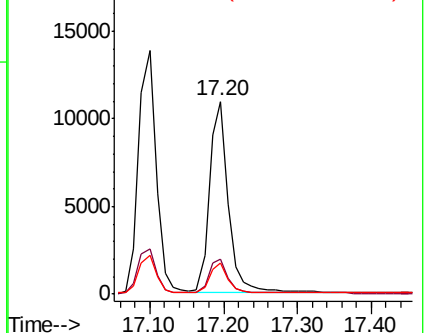
179 15.3 12.3 18.5

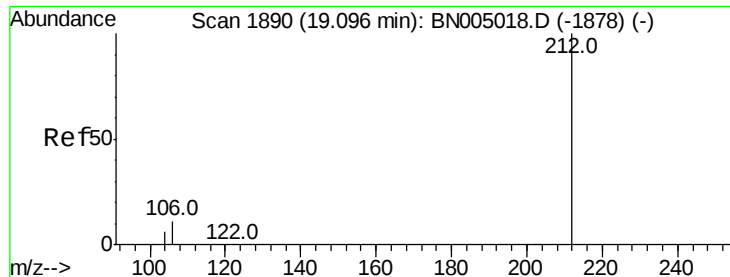


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.417 ng

RT: 19.10 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

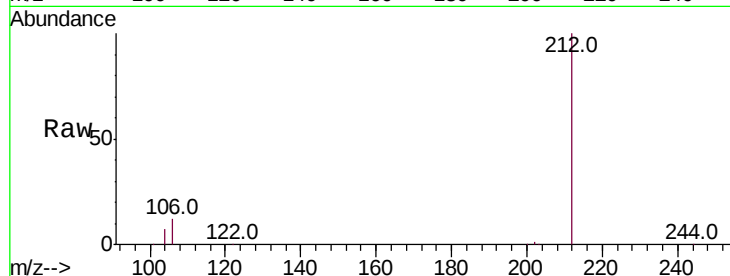
Tot Ion:212 Resp: 22540

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.2

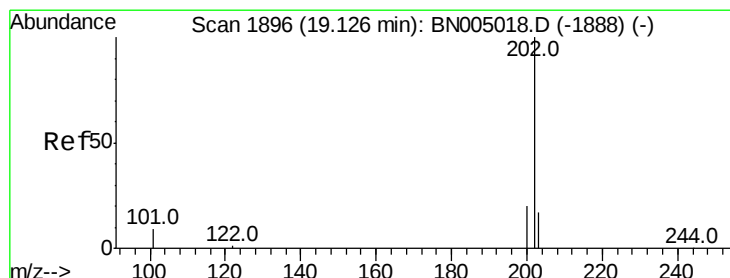
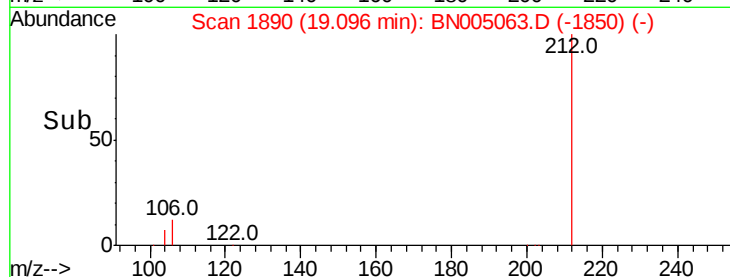
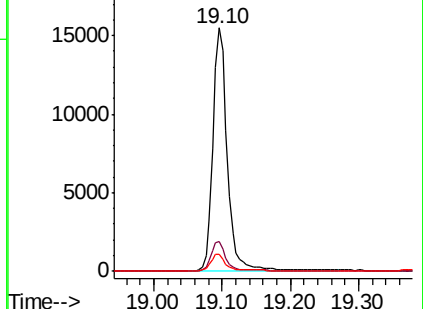
104 6.6 5.4 8.0



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: 0.412 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

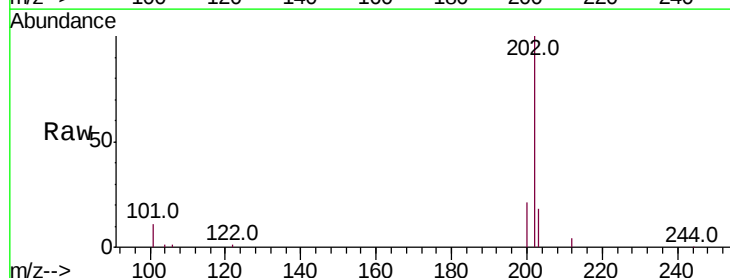
Tgt Ion:202 Resp: 26773

Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.2

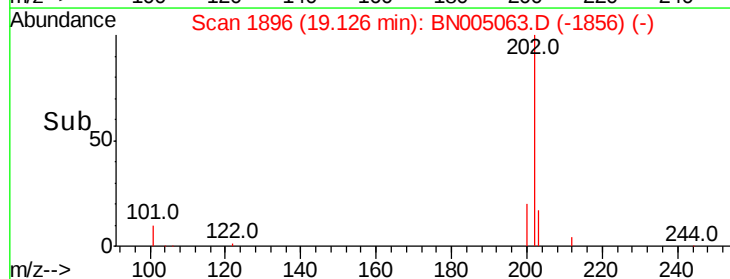
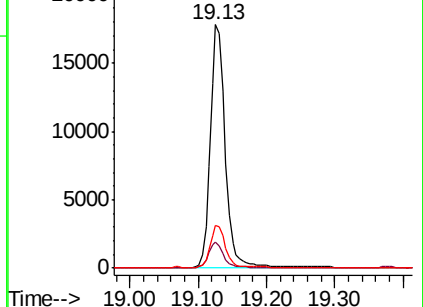
203 17.3 13.8 20.8

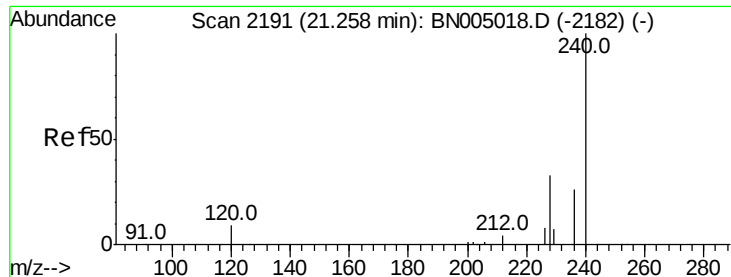


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

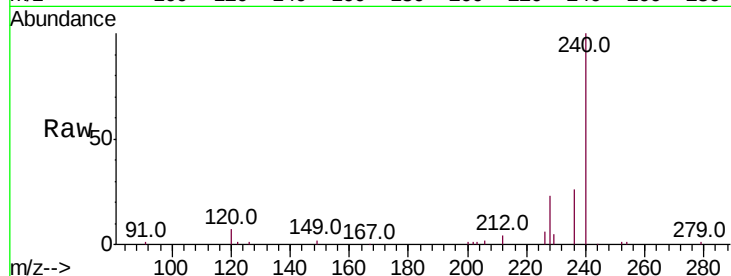
Tot Ion:240 Resp: 21148

Ion Ratio Lower Upper

240 100

120 6.6 7.4 11.0#

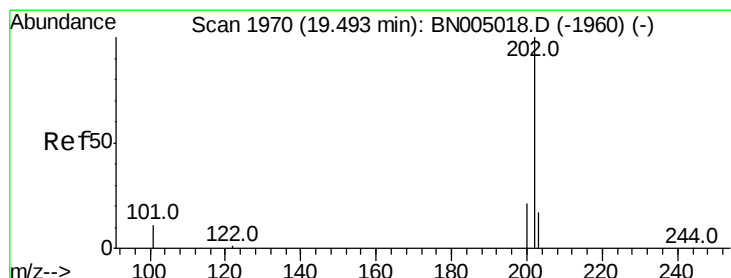
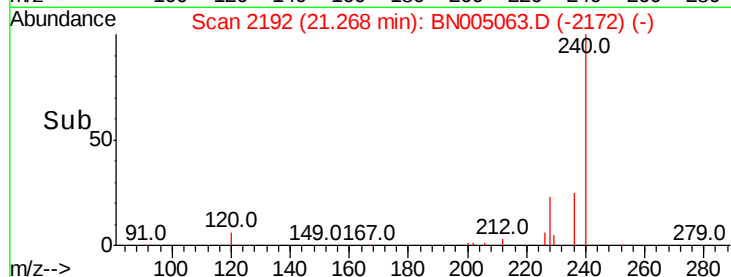
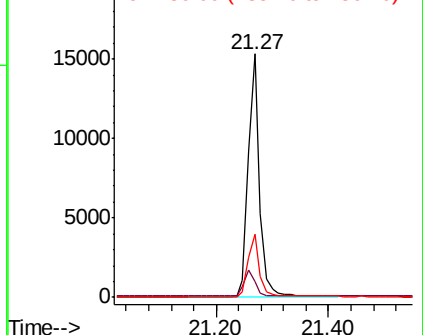
236 25.7 21.0 31.6



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: 0.453 ng

RT: 19.49 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

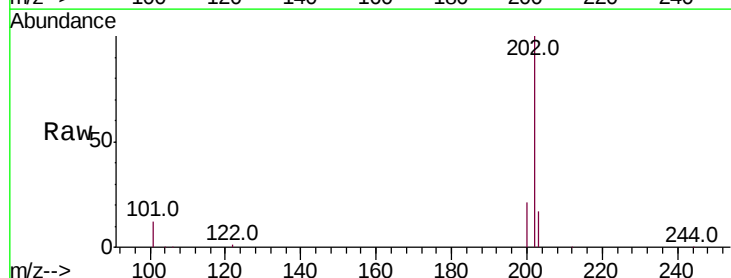
Tgt Ion:202 Resp: 27205

Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

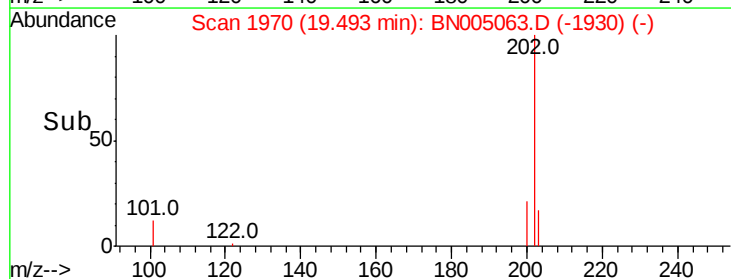
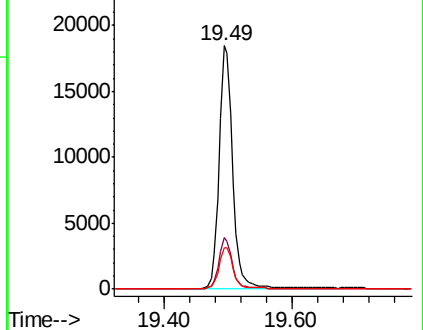
203 17.5 13.9 20.9

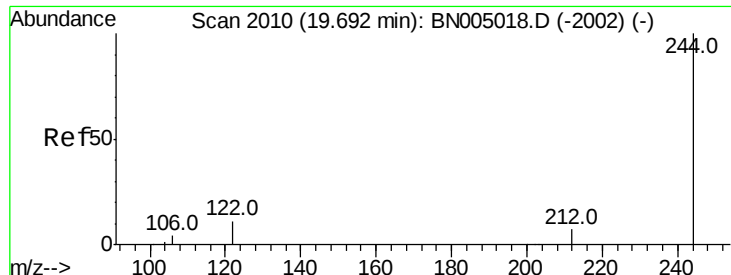


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

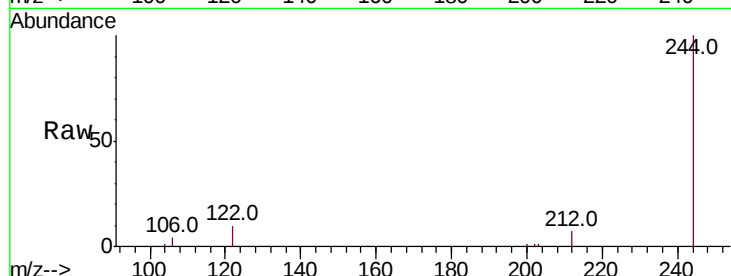
Tot Ion:244 Resp: 18852

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

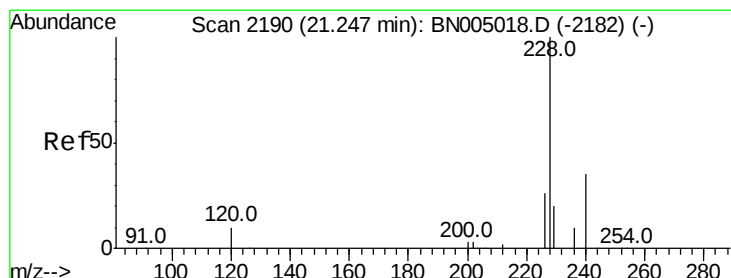
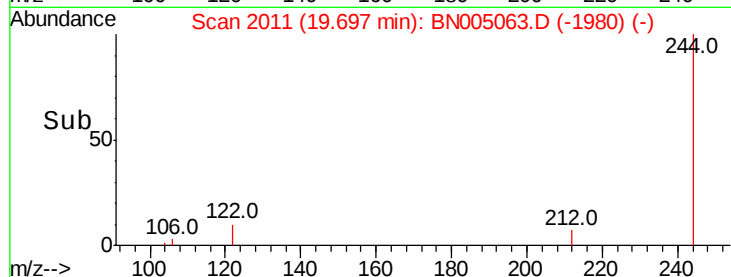
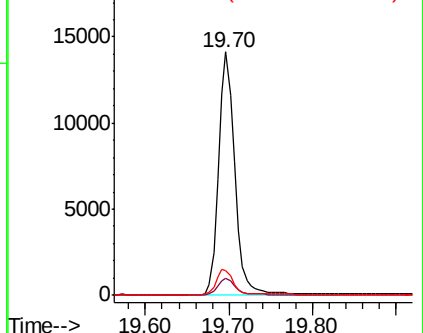
122 10.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.414 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

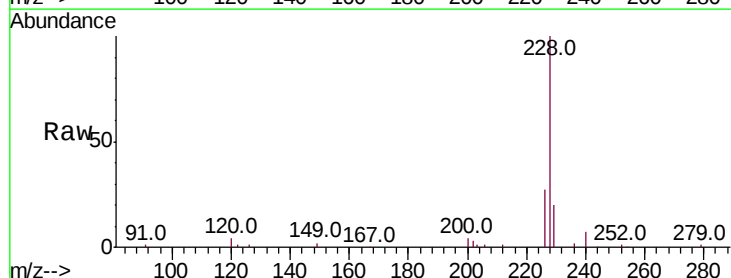
Tgt Ion:228 Resp: 24684

Ion Ratio Lower Upper

228 100

226 27.3 20.9 31.3

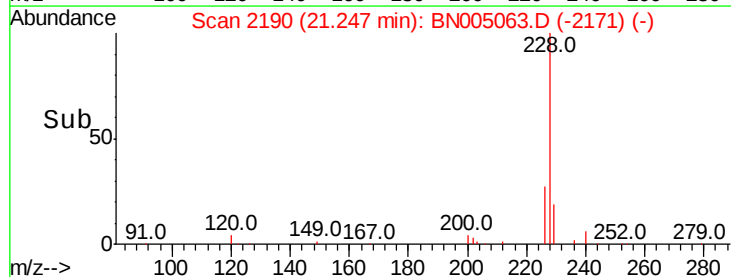
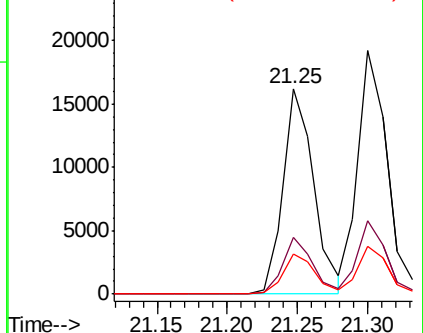
229 19.7 16.2 24.2

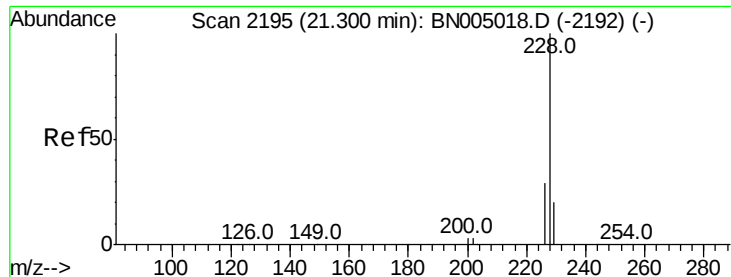


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.434 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

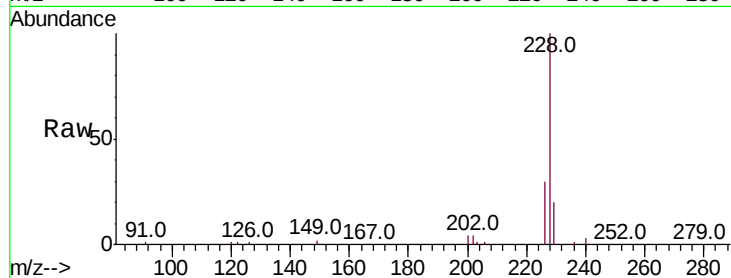
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 27924

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.8	34.2
229	19.6	16.2	24.4

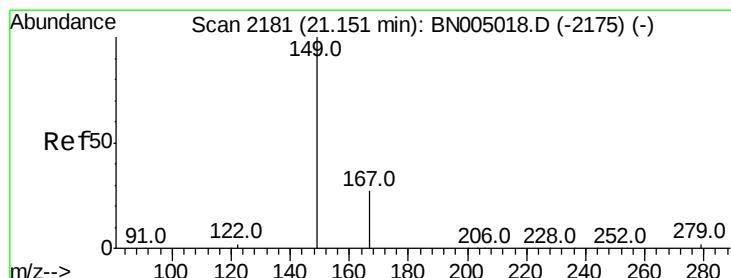
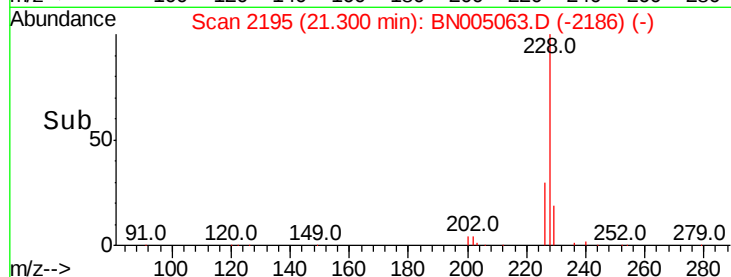
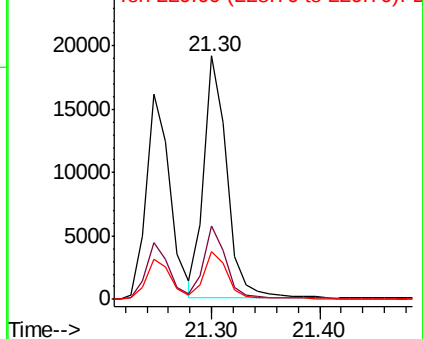


Abundance

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: 0.373 ng

RT: 21.16 min Scan# 2182

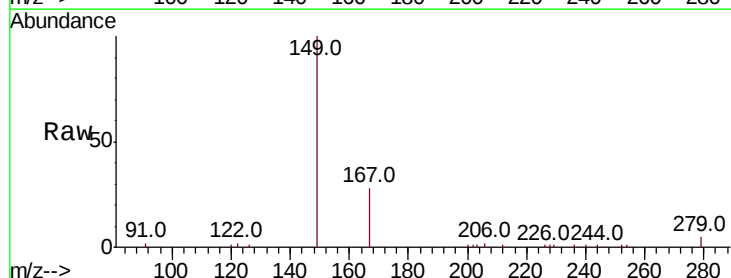
Delta R.T. 0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Tgt Ion:149 Resp: 9307

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	5.5	4.2	6.4

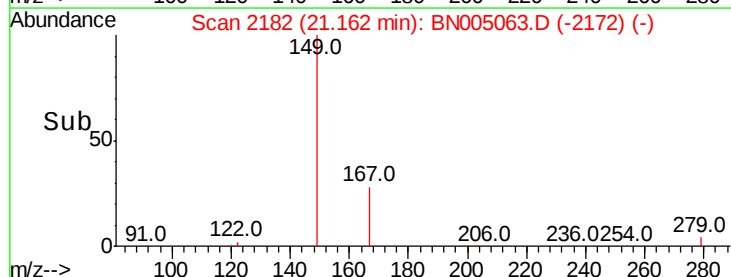
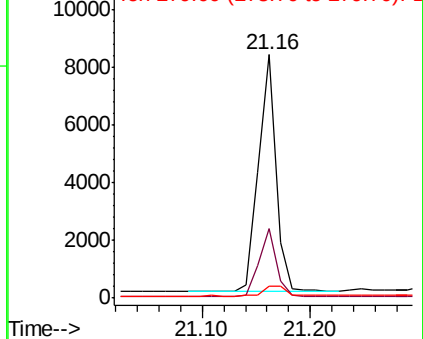


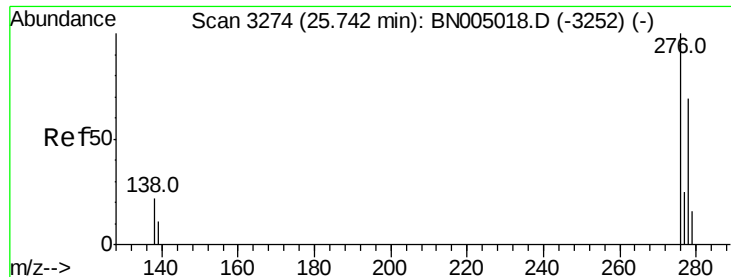
Abundance

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: 0.398 ng

RT: 25.76 min Scan# 3279

Delta R.T. 0.02 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

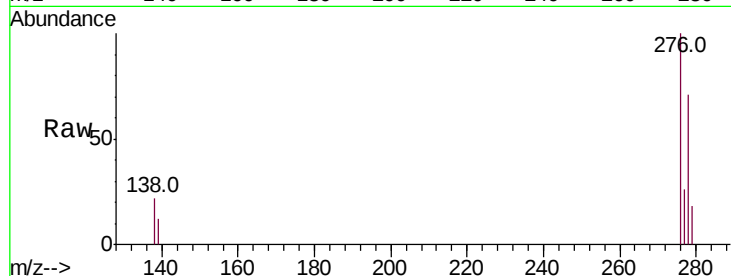
Tot Ion:276 Resp: 28785

Ion Ratio Lower Upper

276 100

138 22.2 18.2 27.2

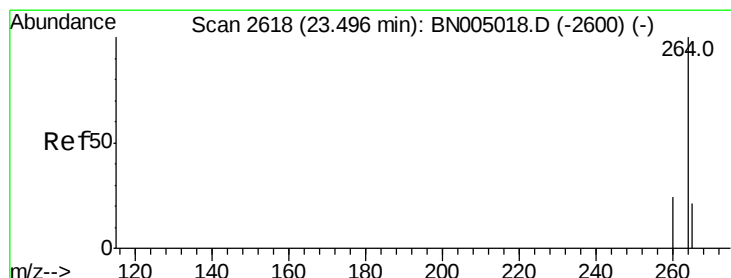
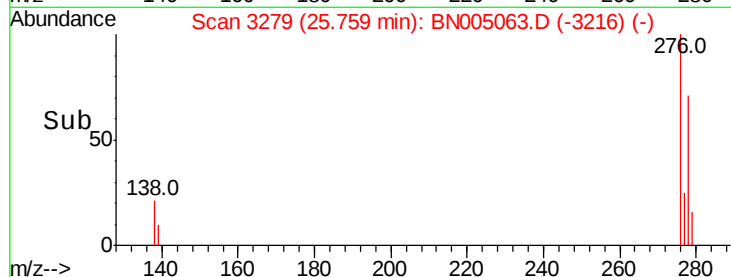
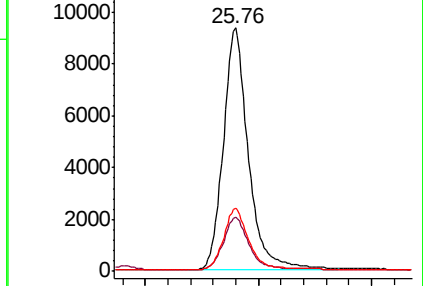
277 25.4 20.3 30.5



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: 23.51 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

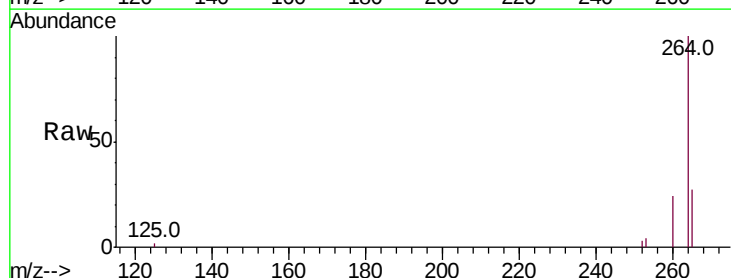
Tgt Ion:264 Resp: 19972

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

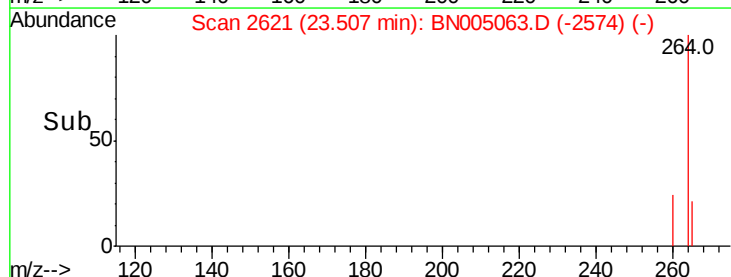
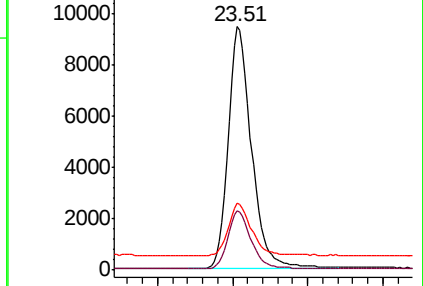
265 27.4 22.5 33.7

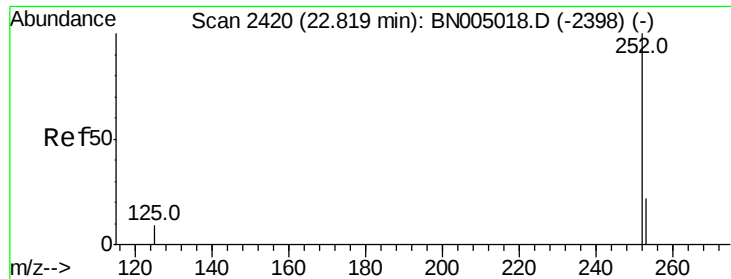


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.453 ng

RT: 22.83 min Scan# 2424

Delta R.T. 0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

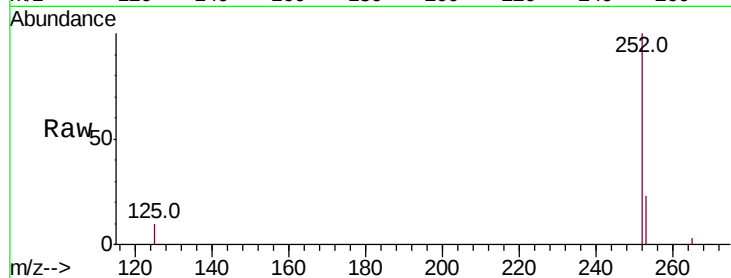
Tot Ion:252 Resp: 28977

Ion Ratio Lower Upper

252 100

253 23.3 19.2 28.8

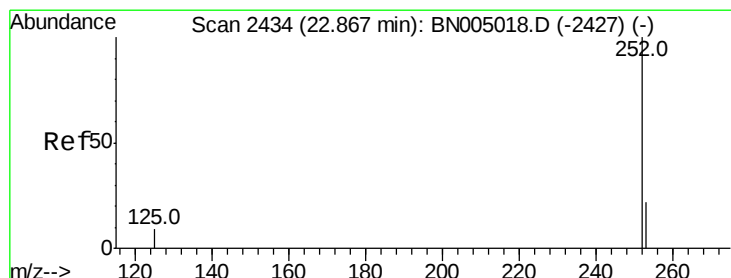
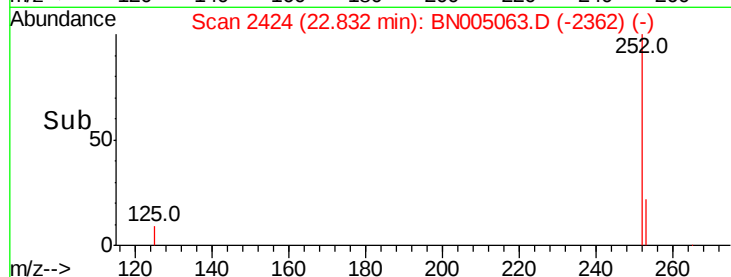
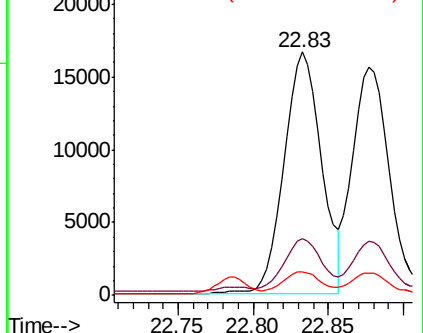
125 9.6 8.2 12.2



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: 0.444 ng

RT: 22.88 min Scan# 2437

Delta R.T. 0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

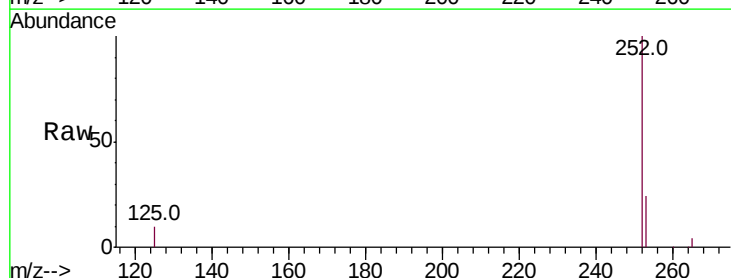
Tgt Ion:252 Resp: 27504

Ion Ratio Lower Upper

252 100

253 23.5 19.3 28.9

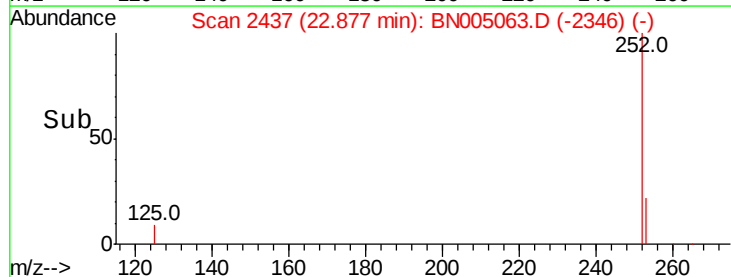
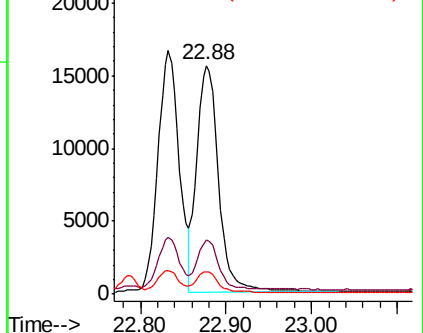
125 9.8 8.2 12.2

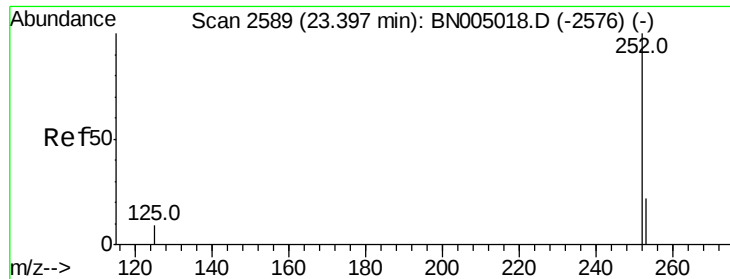


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.427 ng

RT: 23.41 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

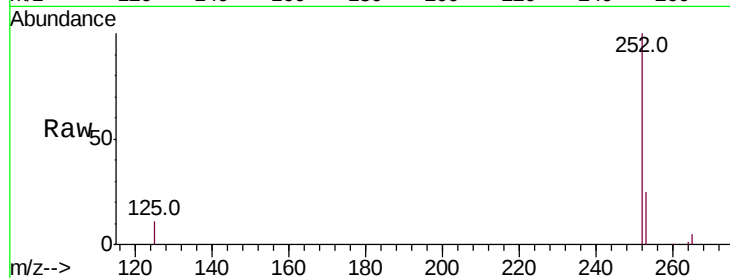
Tot Ion:252 Resp: 24336

Ion Ratio Lower Upper

252 100

253 24.5 20.2 30.2

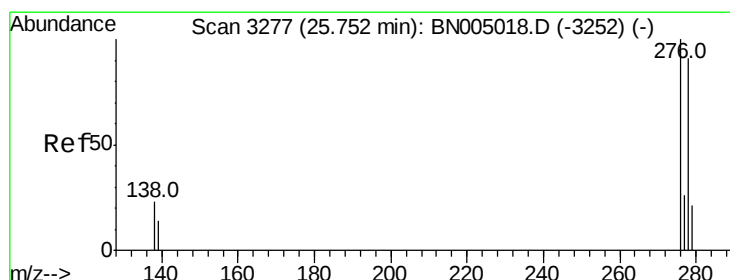
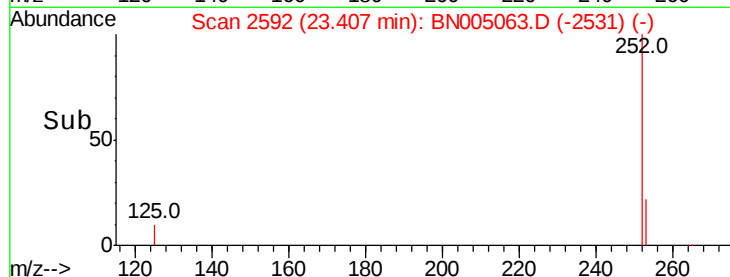
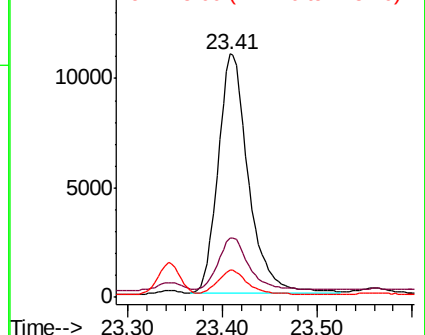
125 11.0 9.2 13.8



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: 0.410 ng

RT: 25.77 min Scan# 3281

Delta R.T. 0.01 min

Lab File: BN005063.D

Acq: 02 Apr 2019 16:58

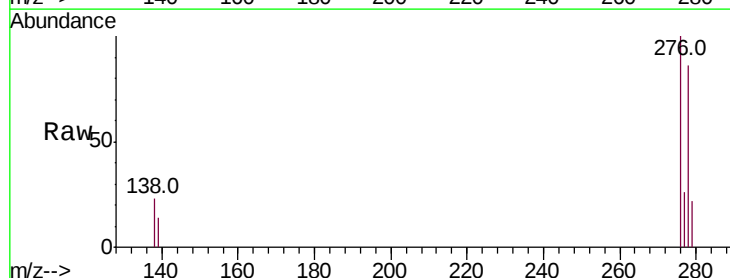
Tgt Ion:278 Resp: 23361

Ion Ratio Lower Upper

278 100

139 15.8 13.1 19.7

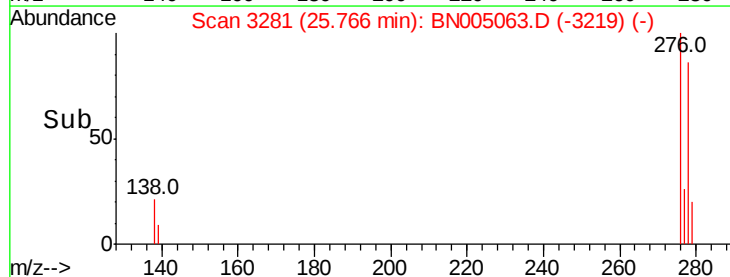
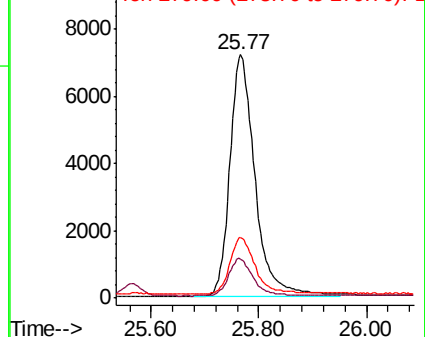
279 25.1 20.2 30.2

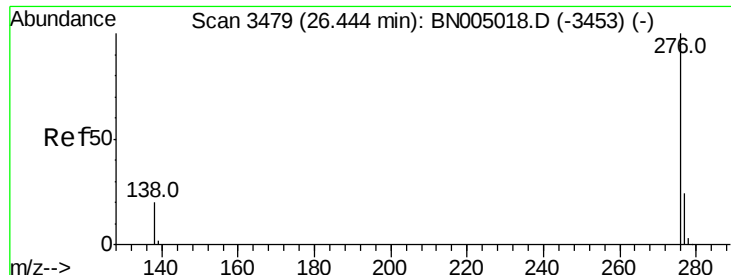


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.414 ng

RT: 26.45 min Scan# 3482

Delta R.T. 0.01 min

Lab File: BN005063.D

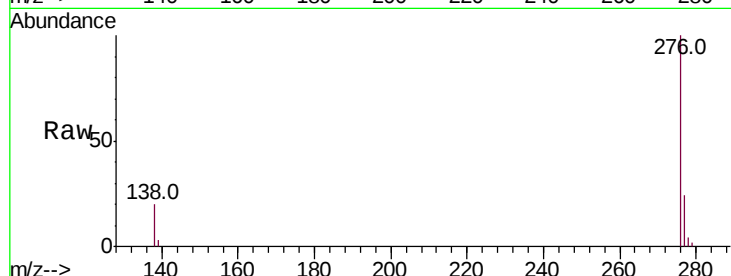
Acq: 02 Apr 2019 16:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 23768

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.6

138 19.8 16.4 24.6

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

