

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
 Data File : BN005021.D
 Acq On : 28 Mar 2019 20:24
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Mar 29 03:24:29 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	2758	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	12448	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7619	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	17590	0.40	ng	0.00
27) Chrysene-d12	21.26	240	23030	0.40	ng	0.00
34) Perylene-d12	23.49	264	22644	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	22891	3.05	ng	0.00
5) Phenol-d6	6.83	99	28275	3.03	ng	-0.02
8) Nitrobenzene-d5	8.82	82	25091	3.05	ng	-0.01
11) 2-Methylnaphthalene-d10	12.03	152	63511	2.92	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	15724	2.99	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	93204	2.96	ng	0.00
25) Fluoranthene-d10	19.09	212	172230	2.92	ng	0.00
29) Terphenyl-d14	19.69	244	141886	3.01	ng	0.00

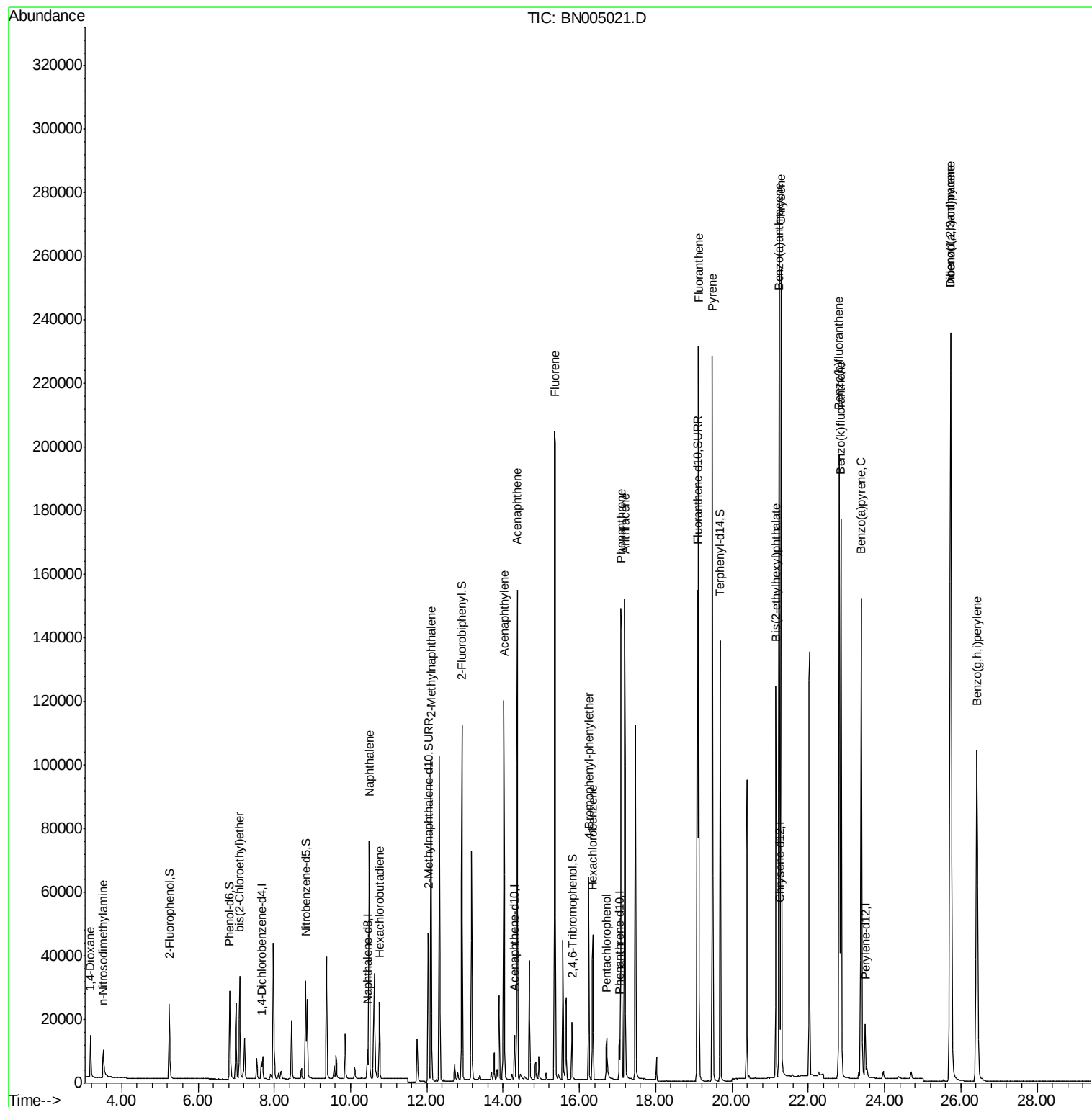
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	9096	2.901	ng	98
3) n-Nitrosodimethylamine	3.51	42	6715	3.623	ng	# 94
6) bis(2-Chloroethyl)ether	7.09	93	26425	3.138	ng	98
9) Naphthalene	10.49	128	100956	2.892	ng	98
10) Hexachlorobutadiene	10.76	225	18443	2.769	ng	# 100
12) 2-Methylnaphthalene	12.11	142	73963	2.852	ng	97
16) Acenaphthylene	14.02	152	126829	3.232	ng	100
17) Acenaphthene	14.37	154	74923	2.915	ng	99
18) Fluorene	15.36	166	100522	2.802	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	34329	2.987	ng	# 90
21) Hexachlorobenzene	16.36	284	37457	2.848	ng	100
22) Pentachlorophenol	16.72	266	9990	3.884	ng	91
23) Phenanthrene	17.09	178	165153	2.908	ng	100
24) Anthracene	17.18	178	155440	3.064	ng	100
26) Fluoranthene	19.12	202	204513	2.802	ng	100
28) Pyrene	19.49	202	206080	2.935	ng	100
30) Benzo(a)anthracene	21.24	228	219565	2.907	ng	99
31) Chrysene	21.29	228	214212	2.693	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	99509	3.298	ng	99
33) Indeno(1,2,3-cd)pyrene	25.73	276	270407	2.349	ng	100
35) Benzo(b)fluoranthene	22.81	252	237945	2.905	ng	96
36) Benzo(k)fluoranthene	22.86	252	224306	2.783	ng	96
37) Benzo(a)pyrene	23.39	252	215648	2.870	ng	94
38) Dibenzo(a,h)anthracene	25.74	278	220752	2.536	ng	97
39) Benzo(g,h,i)perylene	26.43	276	219034	2.470	ng	98

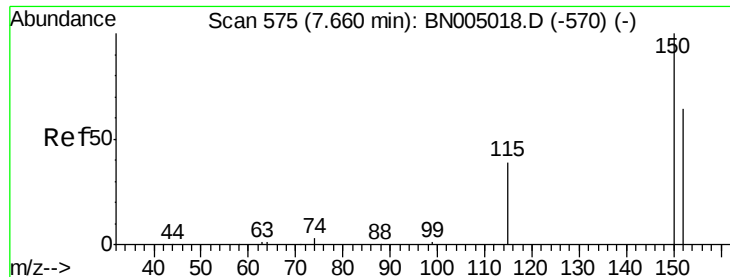
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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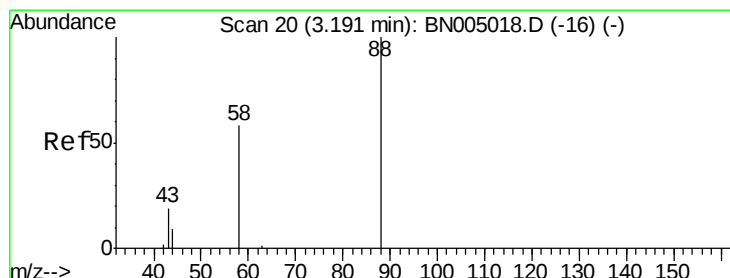
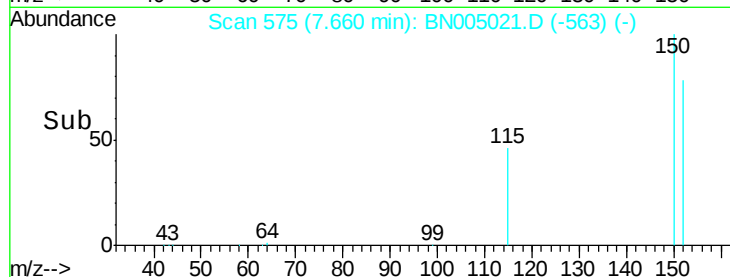
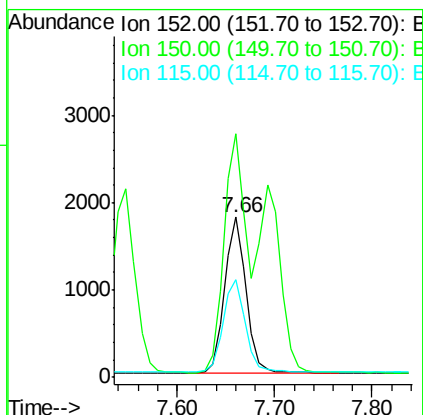
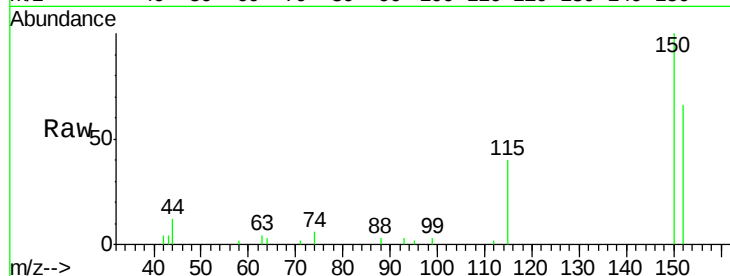


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

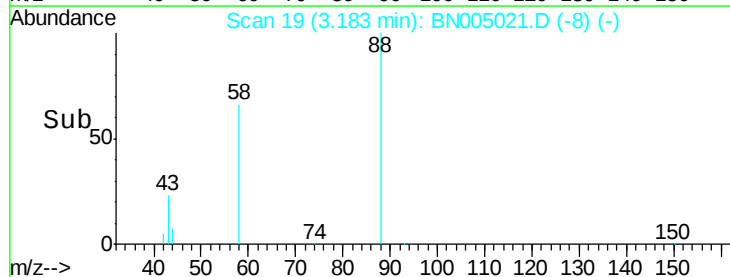
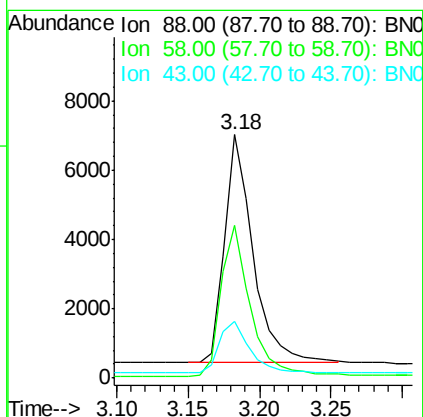
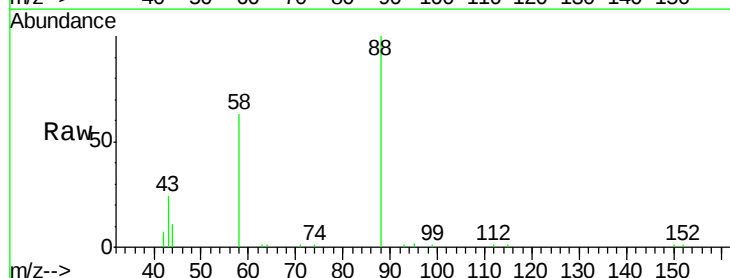
Tgt Ion:152 Resp: 2758
Ion Ratio Lower Upper
152 100
150 152.3 123.4 185.2
115 60.7 50.0 75.0

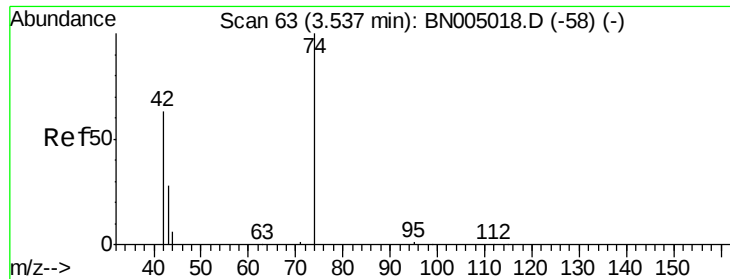


#2

1,4-Dioxane
Concen: 2.901 ng
RT: 3.18 min Scan# 19
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion: 88 Resp: 9096
Ion Ratio Lower Upper
88 100
58 68.1 52.8 79.2
43 23.9 19.6 29.4





#3

n-Nitrosodimethylamine

Concen: 3.623 ng

RT: 3.51 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

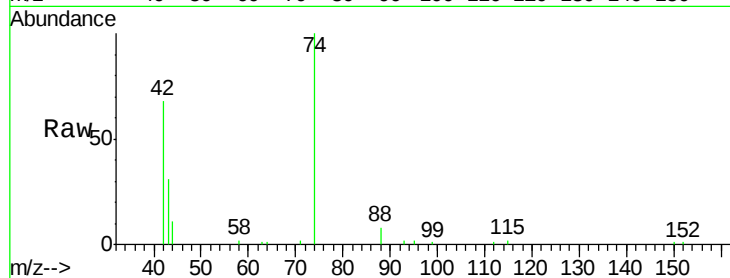
Tgt Ion: 42 Resp: 6715

Ion Ratio Lower Upper

42 100

74 154.0 129.1 193.7

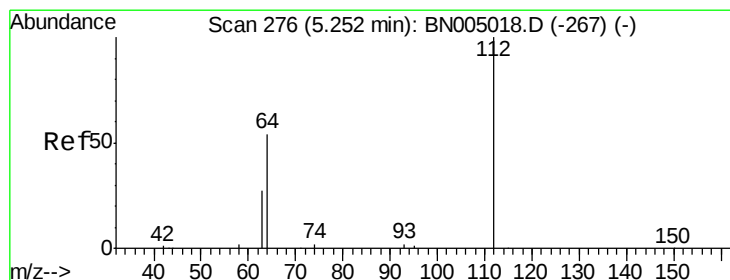
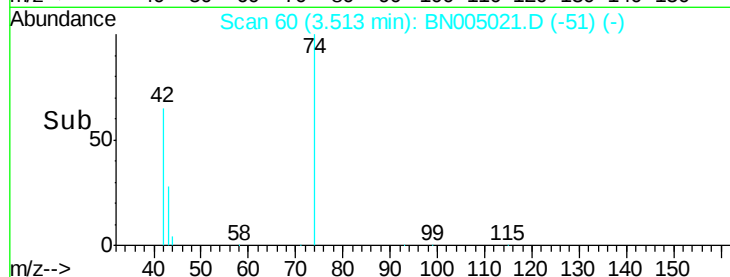
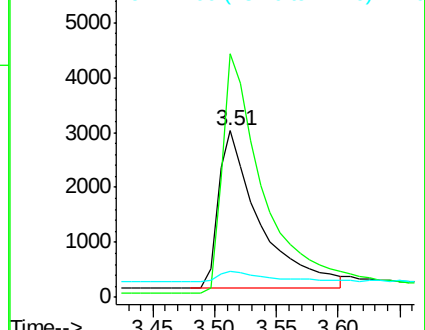
44 7.7 11.6 17.4#



Abundance Ion 42.00 (41.70 to 42.70): BN005018.D (-58) (-)

Ion 74.00 (73.70 to 74.70): BN005018.D (-58) (-)

Ion 44.00 (43.70 to 44.70): BN005018.D (-58) (-)



#4

2-Fluorophenol

Concen: 3.054 ng

RT: 5.25 min Scan# 276

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

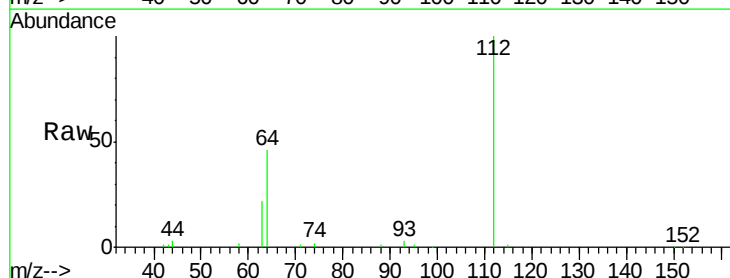
Tgt Ion: 112 Resp: 22891

Ion Ratio Lower Upper

112 100

64 52.6 41.9 62.9

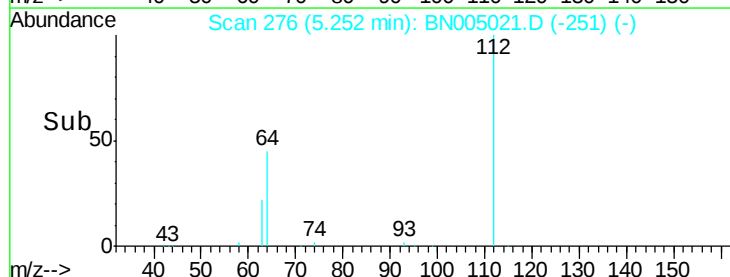
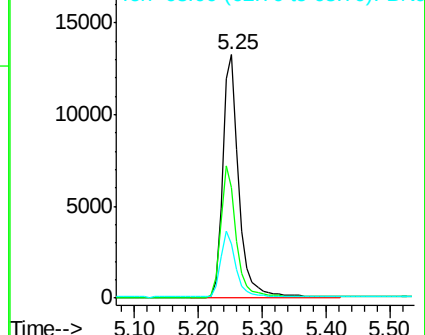
63 26.3 21.5 32.3

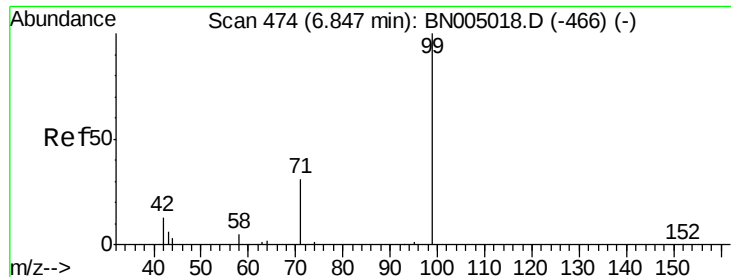


Abundance Ion 112.00 (111.70 to 112.70): BN005018.D (-267) (-)

Ion 64.00 (63.70 to 64.70): BN005018.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BN005018.D (-267) (-)





#5

Phenol-d6

Concen: 3.029 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

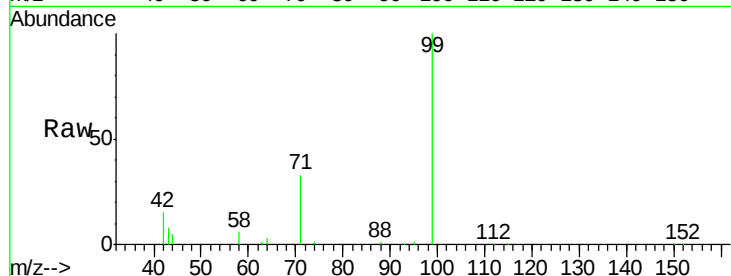
Tgt Ion: 99 Resp: 28275

Ion Ratio Lower Upper

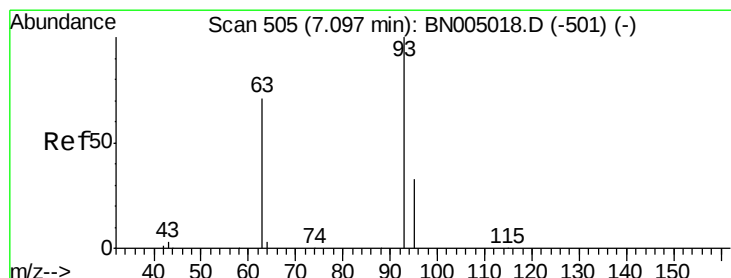
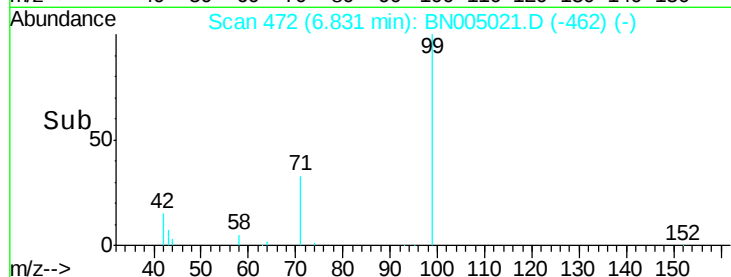
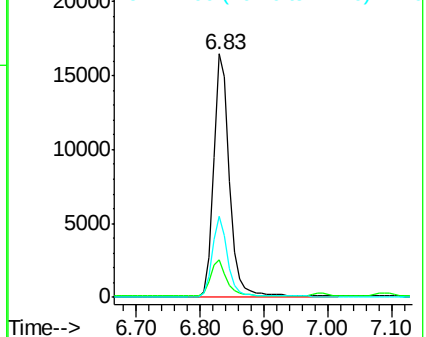
99 100

42 15.2 12.2 18.2

71 31.9 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: 3.138 ng

RT: 7.09 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

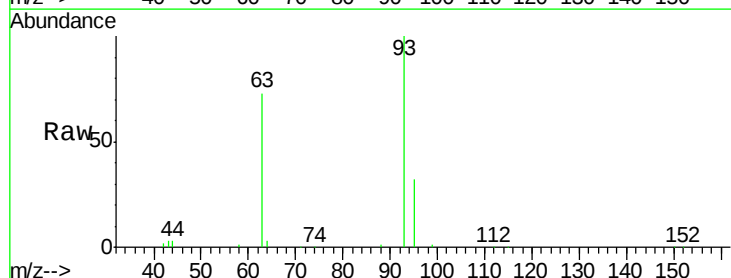
Tgt Ion: 93 Resp: 26425

Ion Ratio Lower Upper

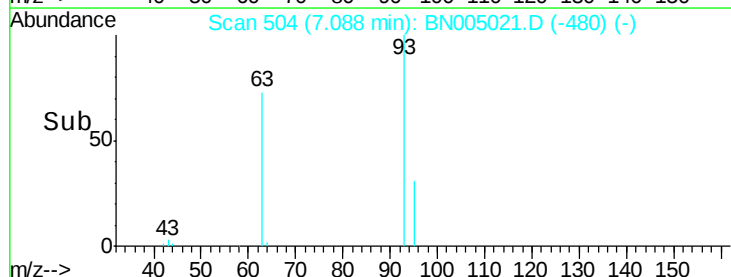
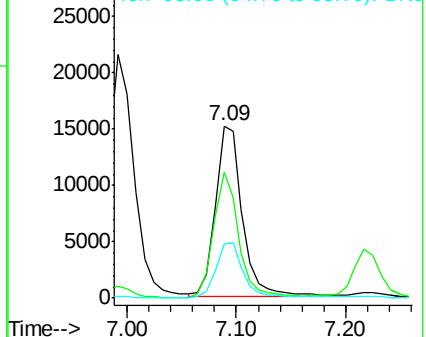
93 100

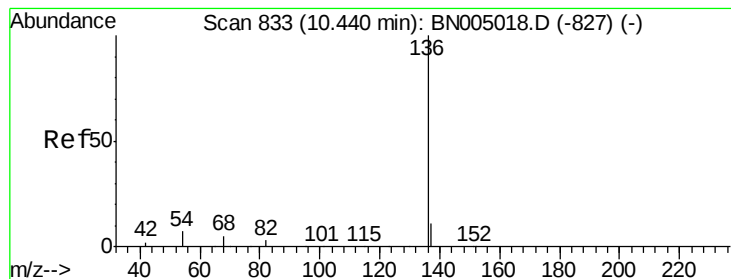
63 67.2 51.8 77.6

95 31.5 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: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 12448

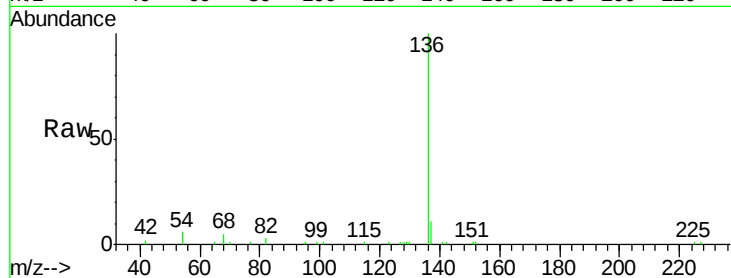
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.6 6.0 9.0#

68 4.9 5.0 7.6#

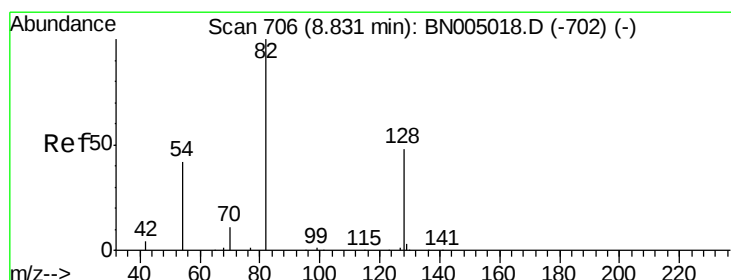
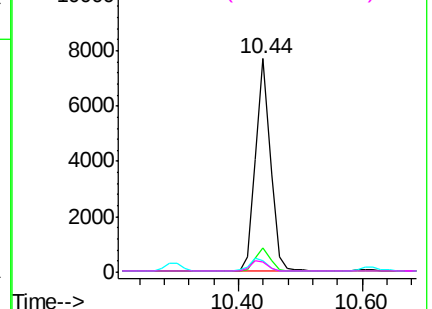
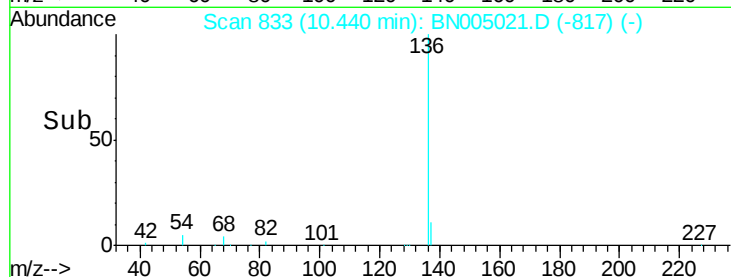


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.047 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

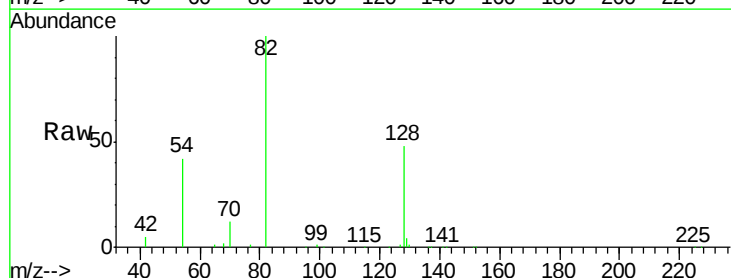
Tgt Ion: 82 Resp: 25091

Ion Ratio Lower Upper

82 100

128 48.5 40.5 60.7

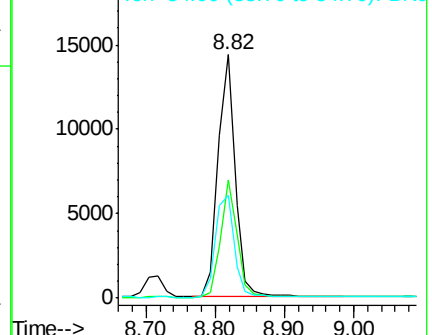
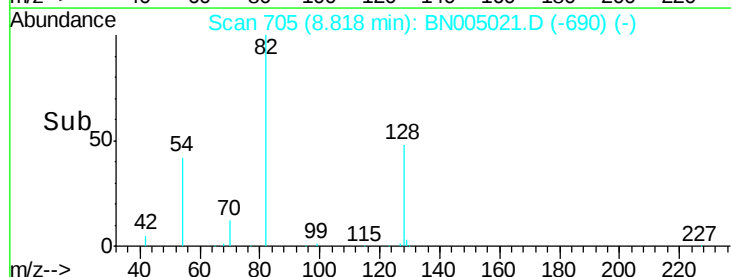
54 42.1 35.7 53.5

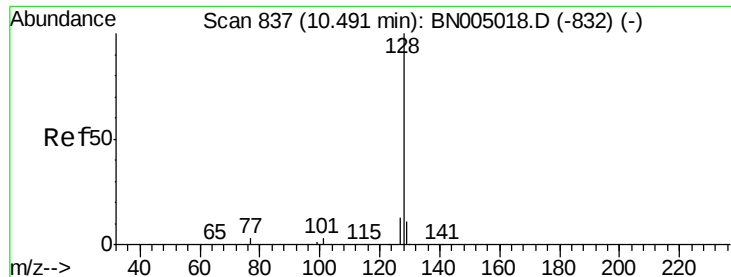


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

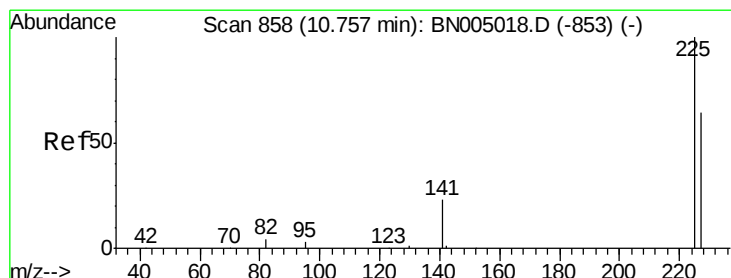
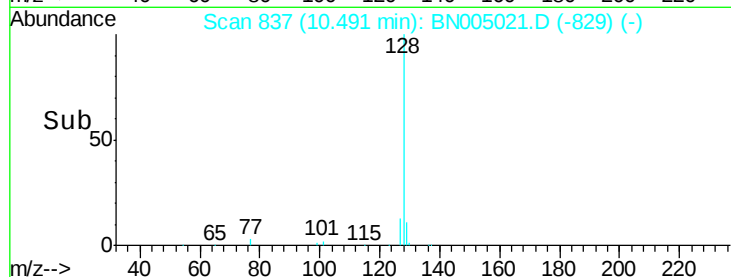
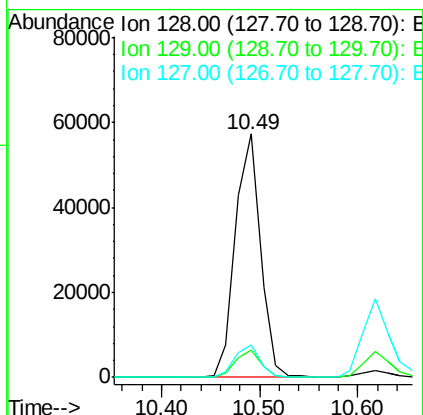
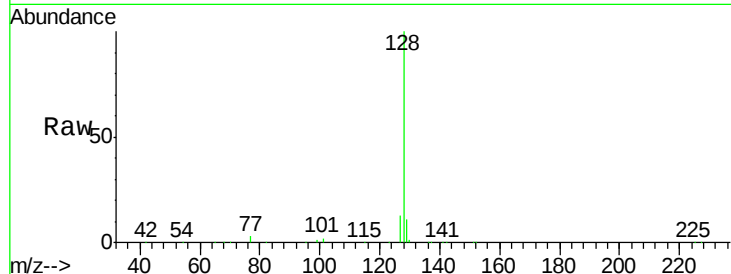




#9
Naphthalene
Concen: 2.892 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

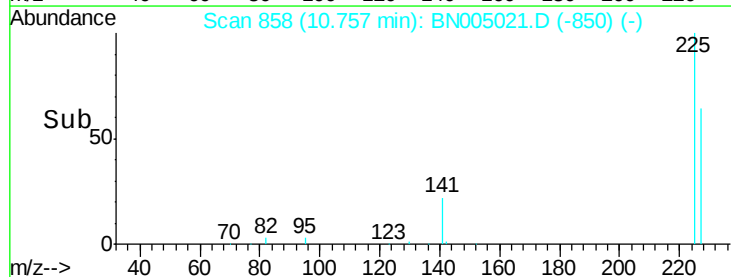
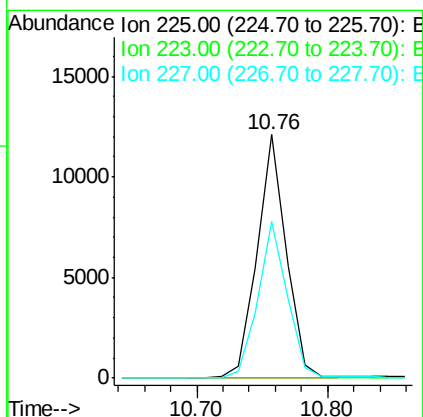
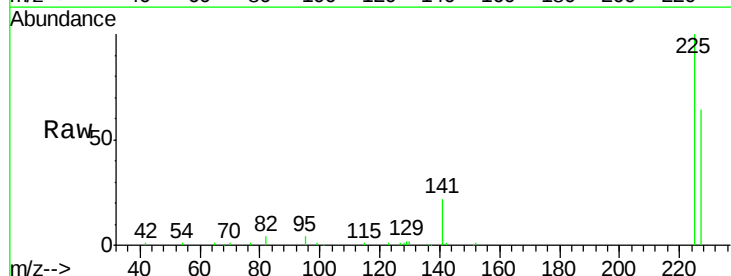
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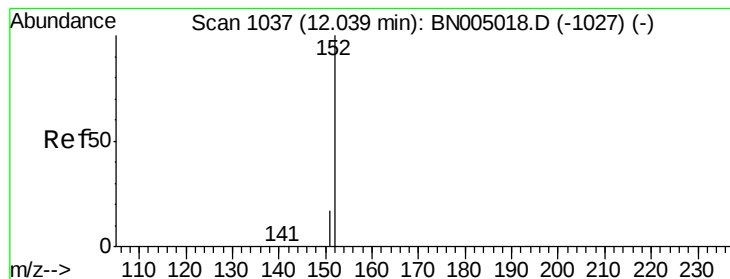
Tgt Ion:128 Resp: 100956
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.1 11.0 16.6



#10
Hexachlorobutadiene
Concen: 2.769 ng
RT: 10.76 min Scan# 858
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:225 Resp: 18443
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 51.5 77.3





#11

2-Methylnaphthalene-d10

Concen: 2.924 ng

RT: 12.03 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

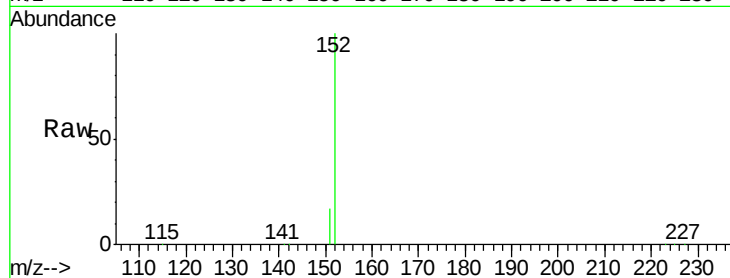
SSTDICC3.2

Tgt Ion:152 Resp: 63511

Ion Ratio Lower Upper

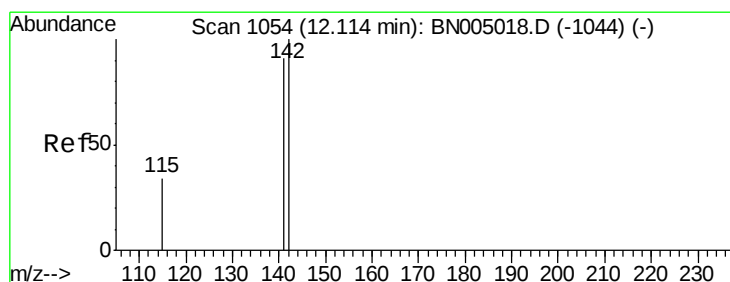
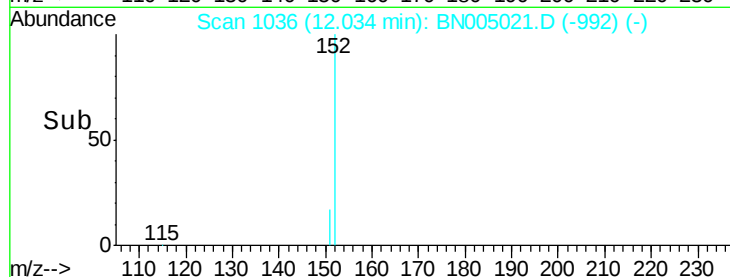
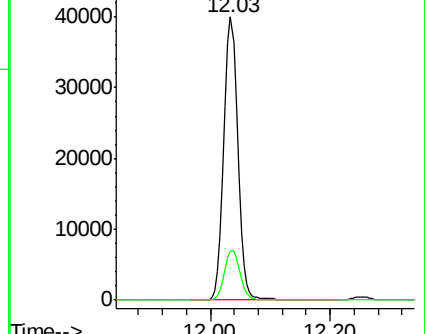
152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 2.852 ng

RT: 12.11 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

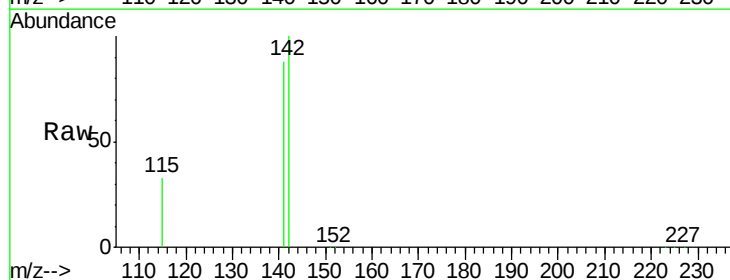
Tgt Ion:142 Resp: 73963

Ion Ratio Lower Upper

142 100

141 88.4 72.6 108.8

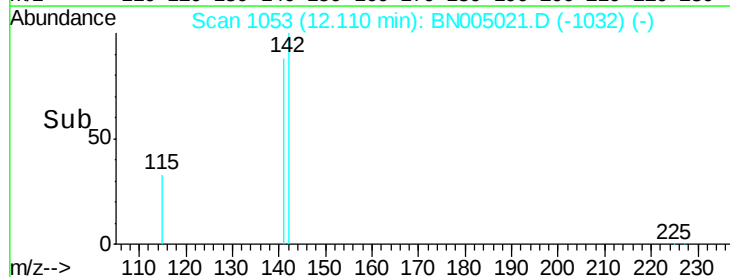
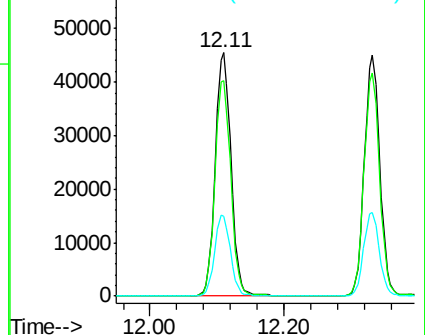
115 33.0 27.8 41.8

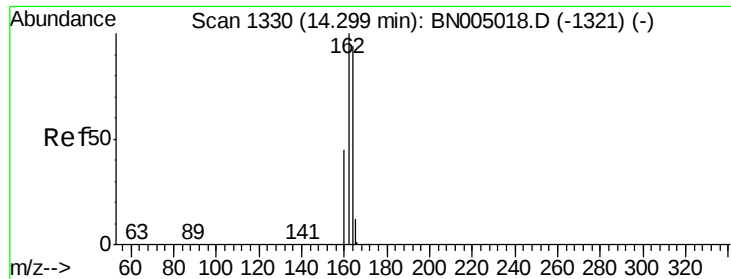


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

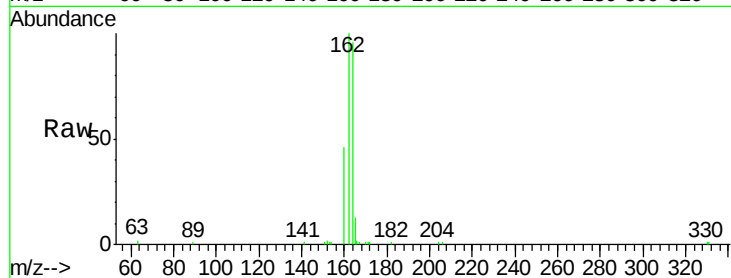
Tgt Ion:164 Resp: 7619

Ion Ratio Lower Upper

164 100

162 104.5 85.3 127.9

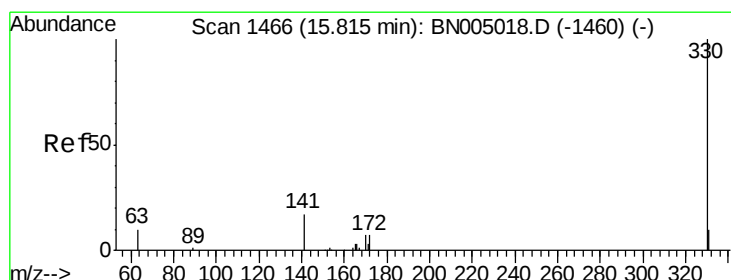
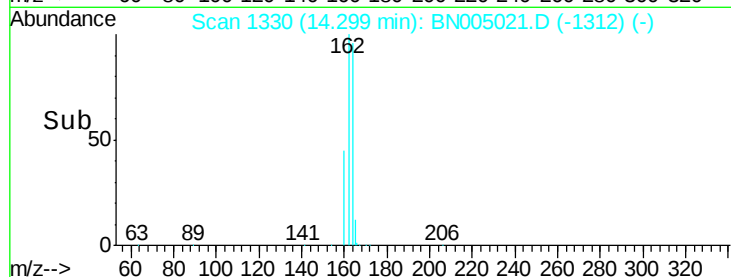
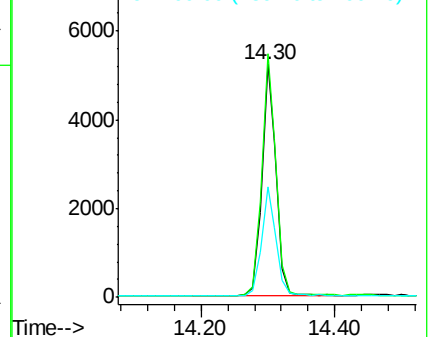
160 47.6 39.2 58.8



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: 2.988 ng

RT: 15.80 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

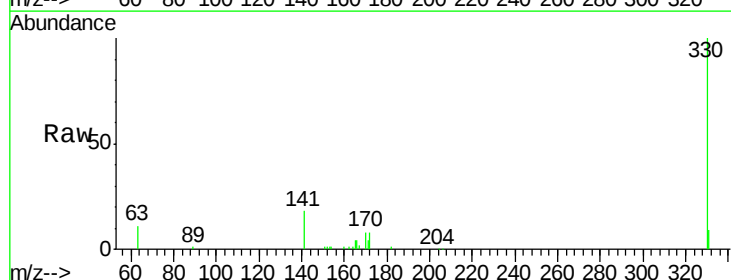
Tgt Ion:330 Resp: 15724

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

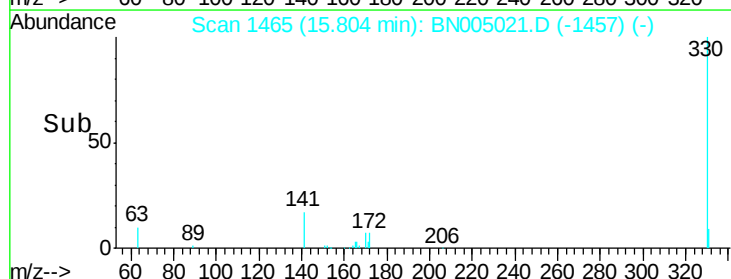
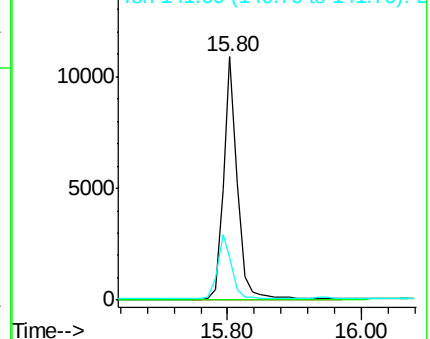
141 27.5 21.3 31.9

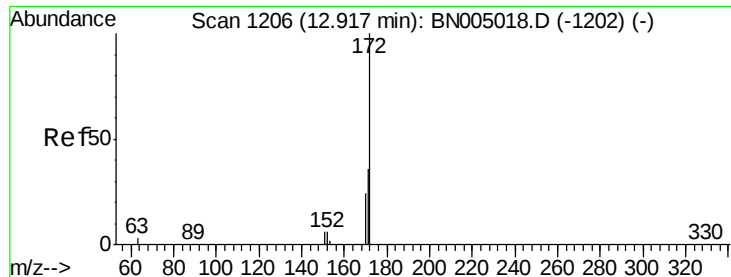


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

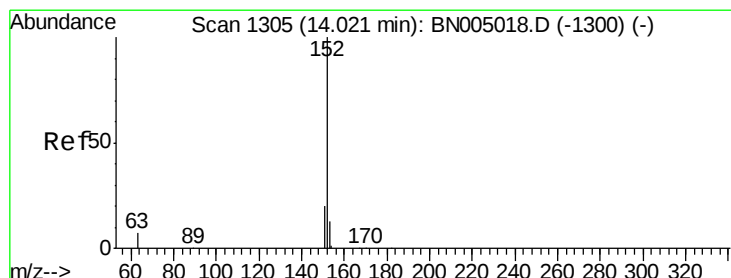
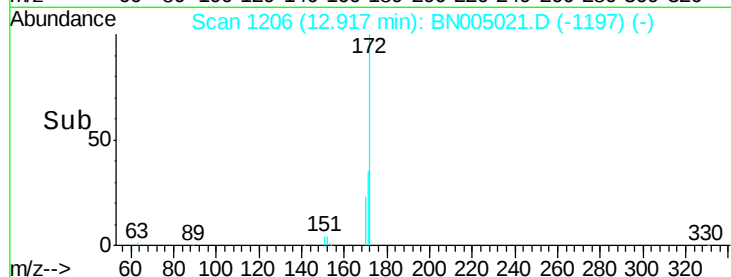
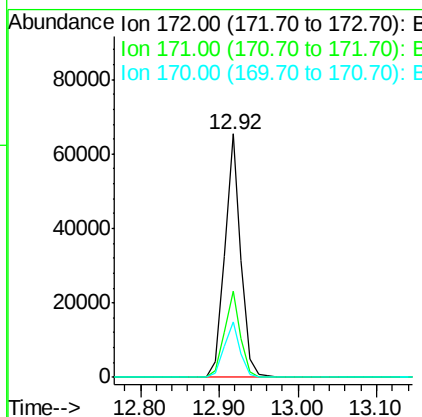
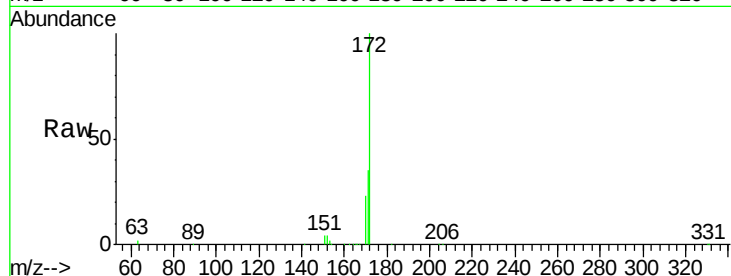




#15
2-Fluorobiphenyl
Concen: 2.960 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

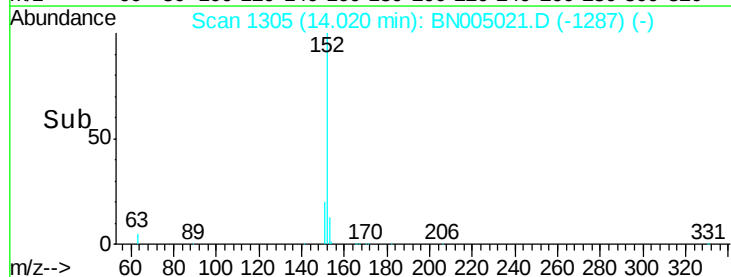
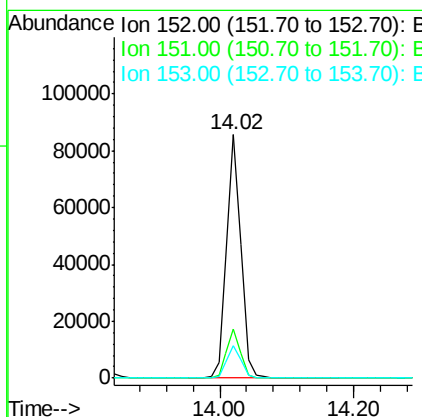
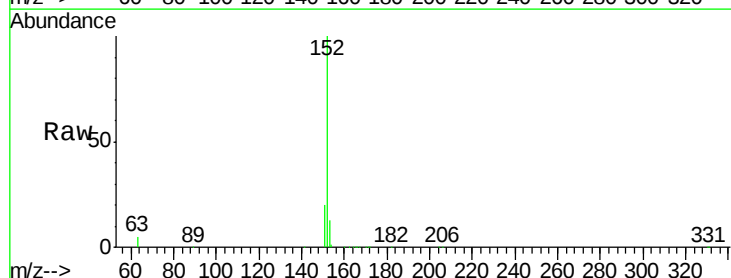
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

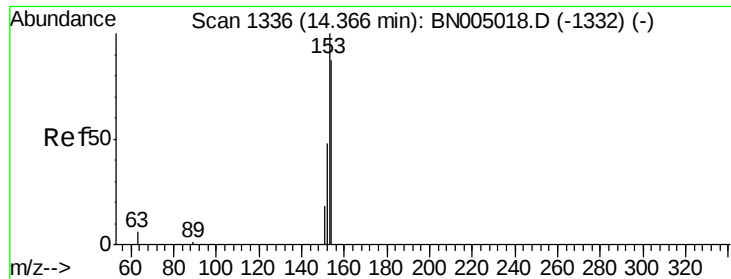
Tgt Ion:172 Resp: 93204
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.0 20.0 30.0



#16
Acenaphthylene
Concen: 3.232 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:152 Resp: 126829
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 2.915 ng

RT: 14.37 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

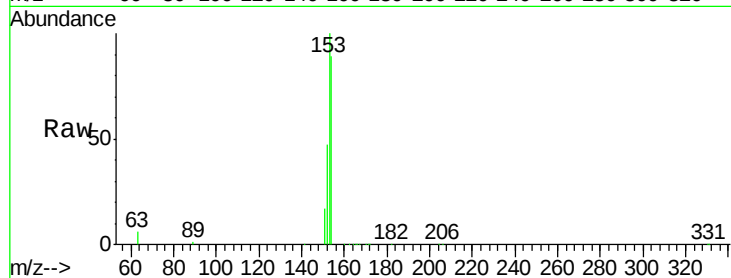
Tgt Ion:154 Resp: 74923

Ion Ratio Lower Upper

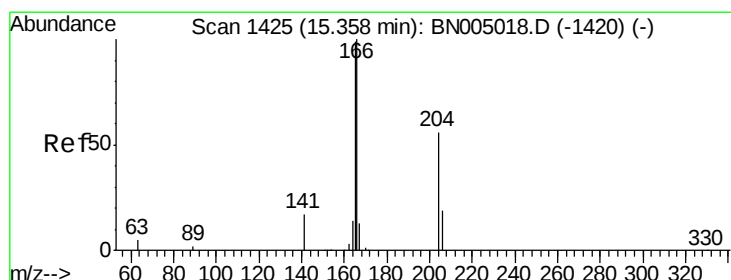
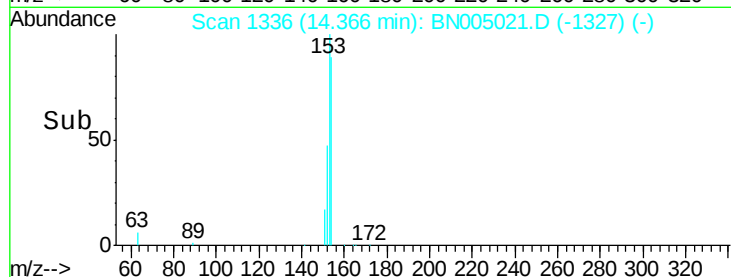
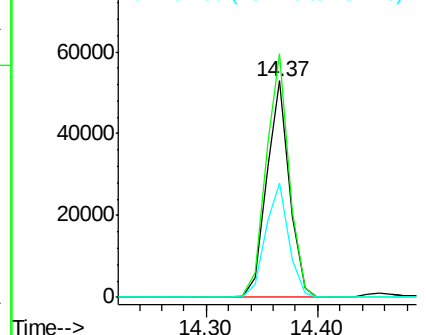
154 100

153 113.8 92.1 138.1

152 54.0 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: 2.802 ng

RT: 15.36 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

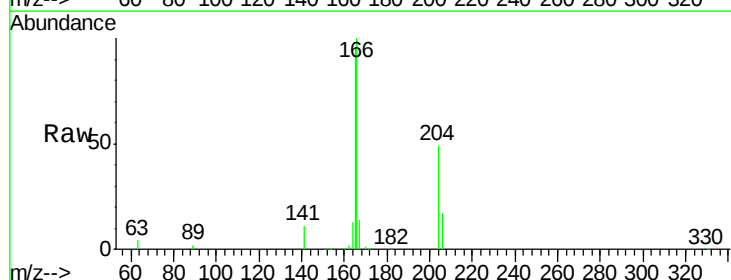
Tgt Ion:166 Resp: 100522

Ion Ratio Lower Upper

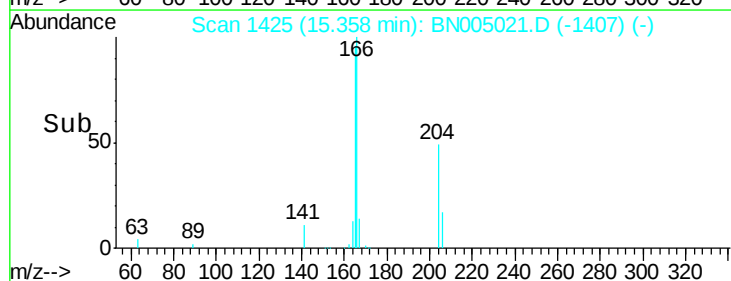
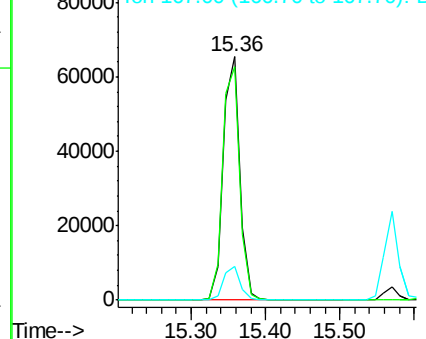
166 100

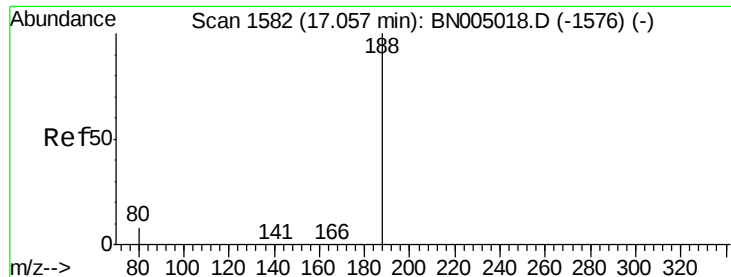
165 98.3 78.7 118.1

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: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

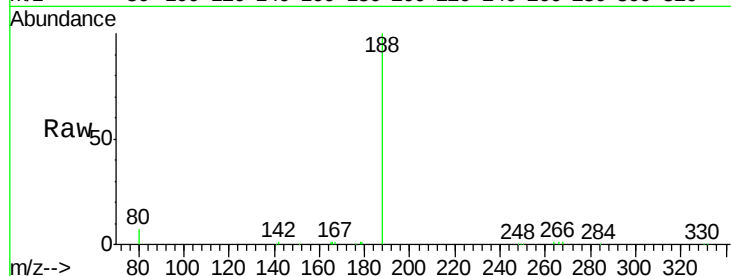
Tgt Ion:188 Resp: 17590

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

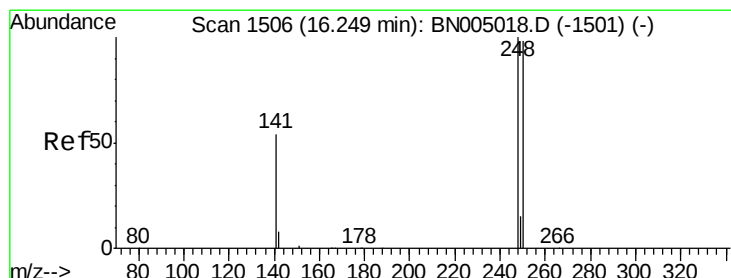
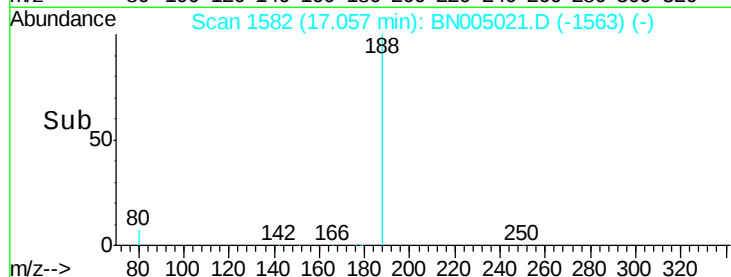
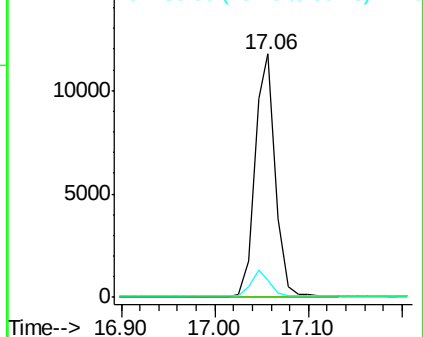
80 7.1 6.9 10.3



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: 2.987 ng

RT: 16.25 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

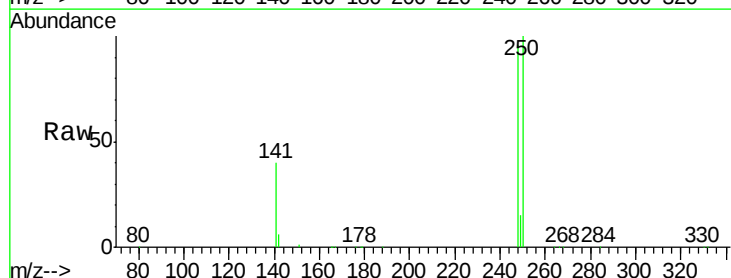
Tgt Ion:248 Resp: 34329

Ion Ratio Lower Upper

248 100

250 104.5 78.6 117.8

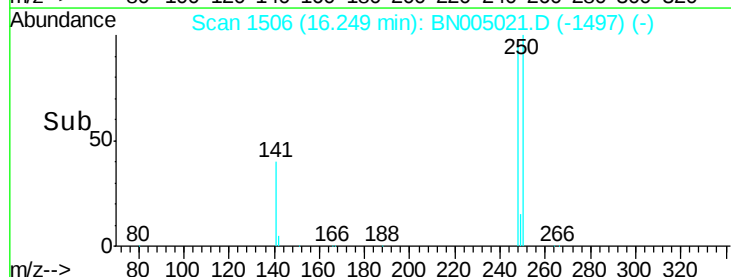
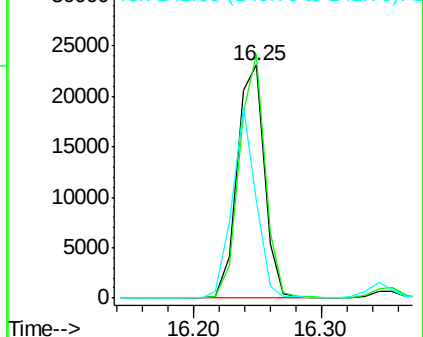
141 42.1 43.6 65.4#

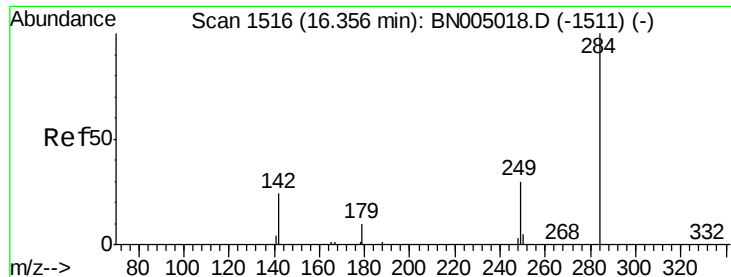


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.848 ng

RT: 16.36 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

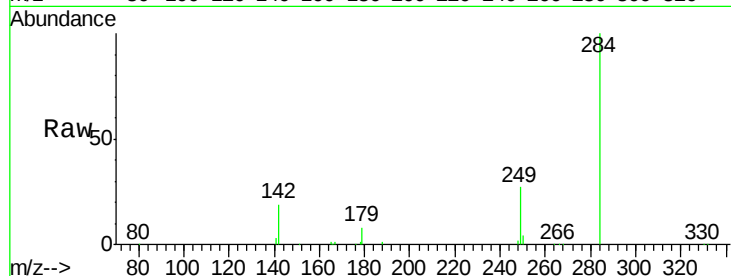
Tgt Ion:284 Resp: 37457

Ion Ratio Lower Upper

284 100

142 31.1 24.9 37.3

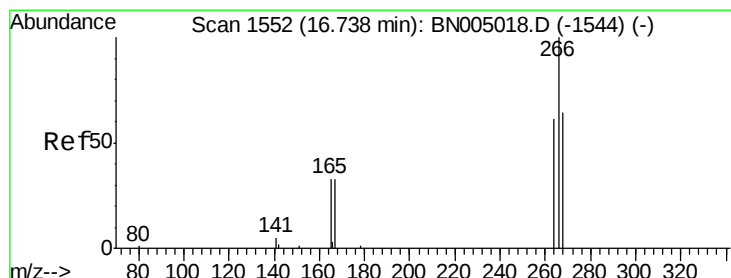
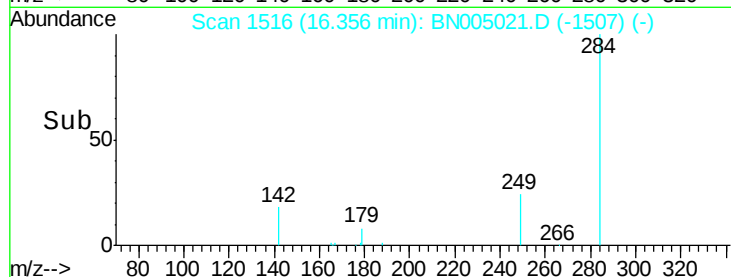
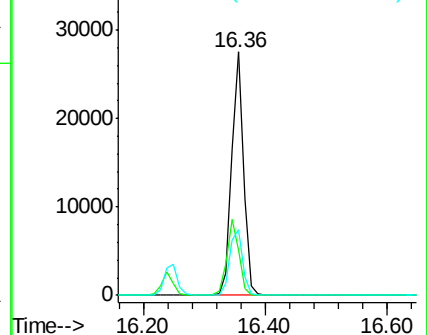
249 29.3 23.8 35.6



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: 3.884 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

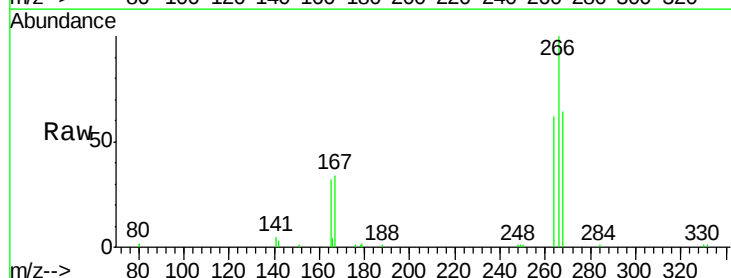
Tgt Ion:266 Resp: 9990

Ion Ratio Lower Upper

266 100

264 61.7 53.4 80.0

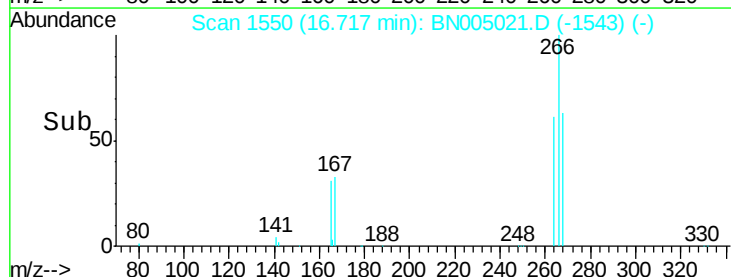
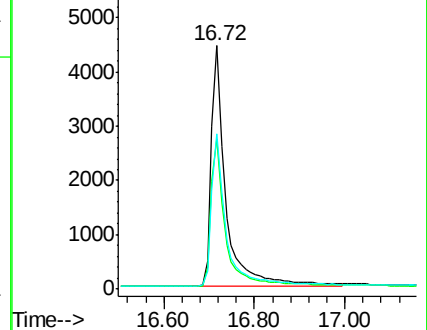
268 63.9 58.9 88.3

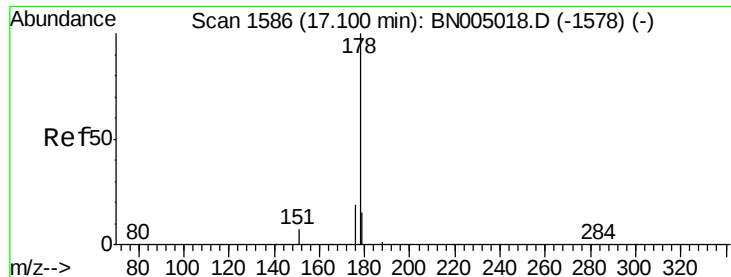


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.908 ng

RT: 17.09 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

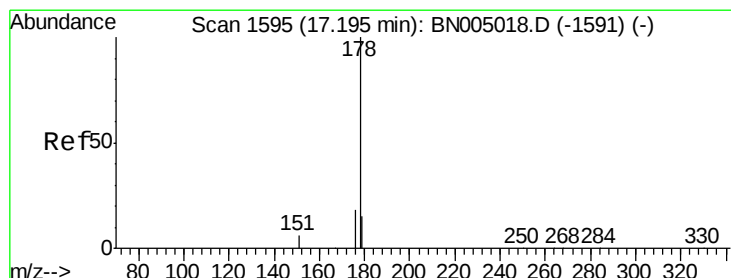
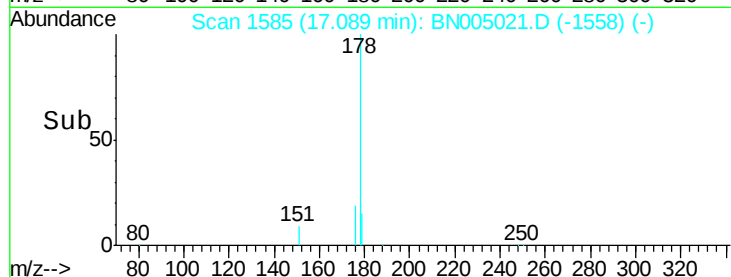
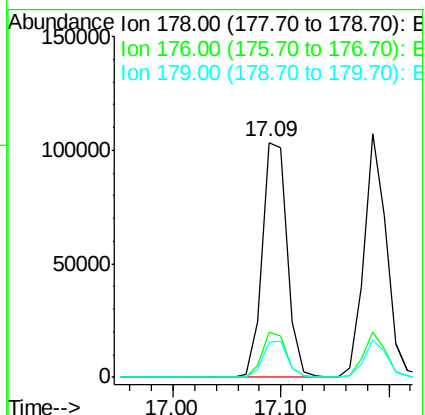
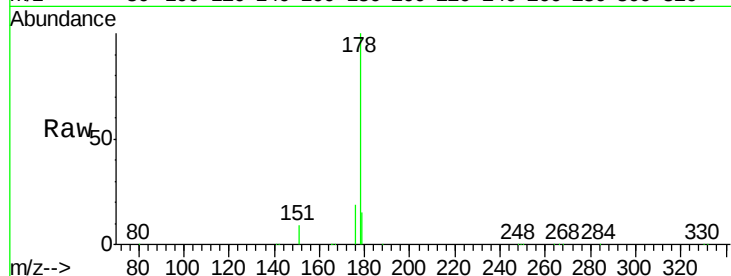
Tgt Ion:178 Resp: 165153

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.3 12.2 18.2



#24

Anthracene

Concen: 3.064 ng

RT: 17.18 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

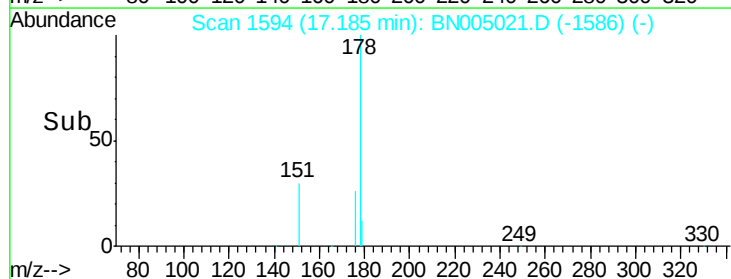
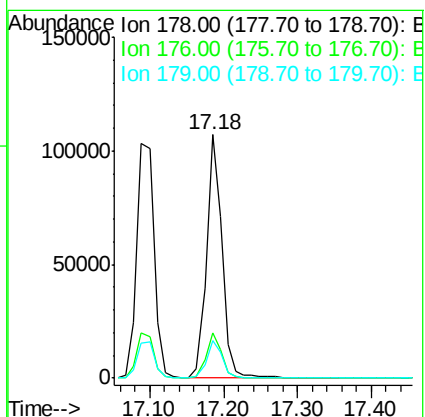
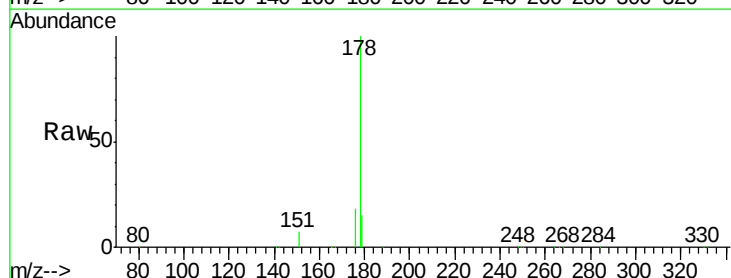
Tgt Ion:178 Resp: 155440

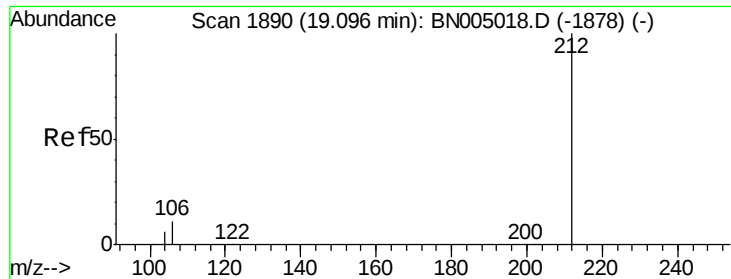
Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

179 15.3 12.3 18.5





#25

Fluoranthene-d10

Concen: 2.924 ng

RT: 19.09 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

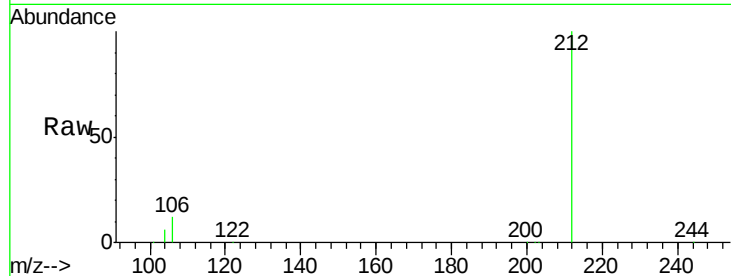
Tgt Ion:212 Resp: 172230

Ion Ratio Lower Upper

212 100

106 11.9 9.4 14.2

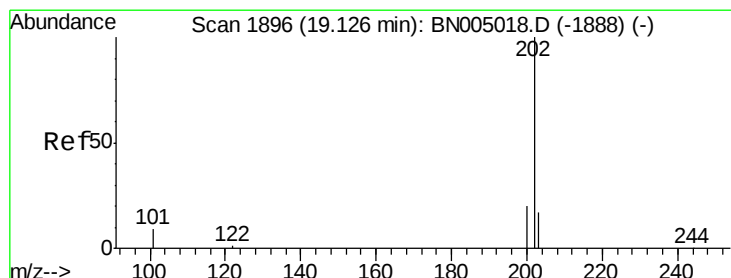
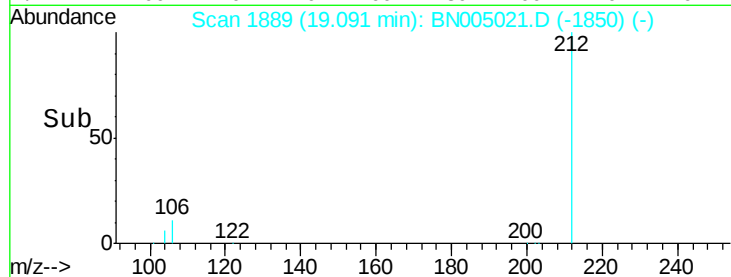
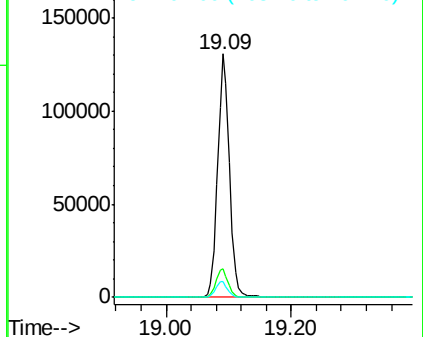
104 6.6 5.4 8.0



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: 2.802 ng

RT: 19.12 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

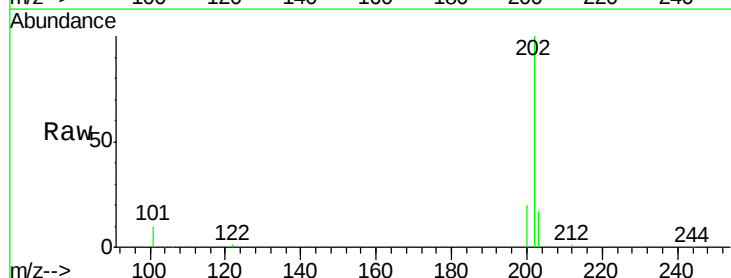
Tgt Ion:202 Resp: 204513

Ion Ratio Lower Upper

202 100

101 10.4 8.2 12.2

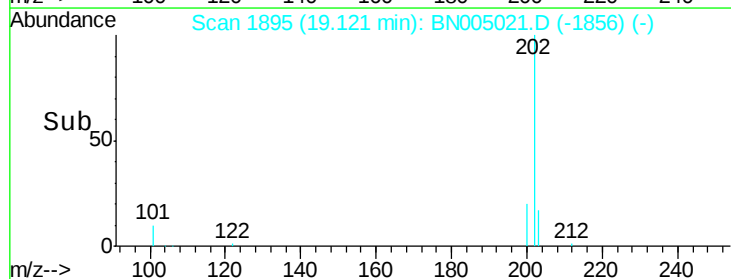
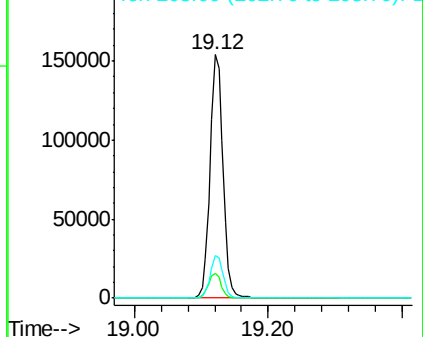
203 17.4 13.8 20.8

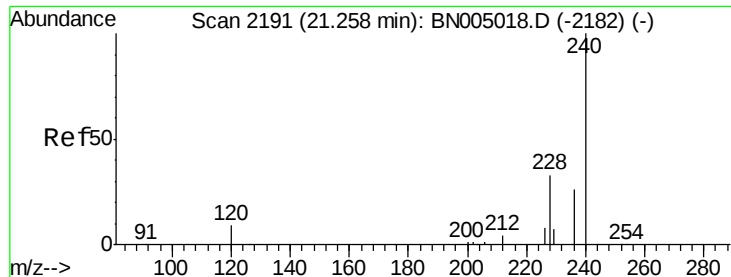


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

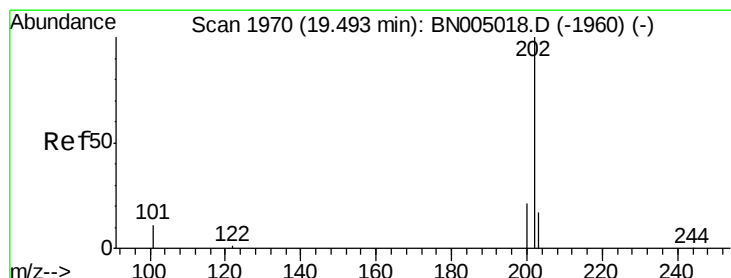
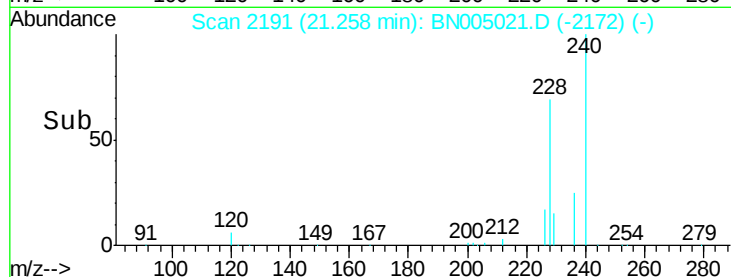
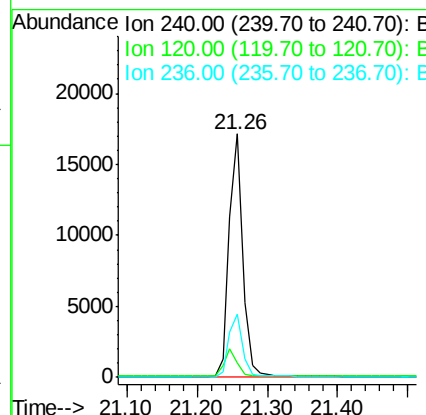
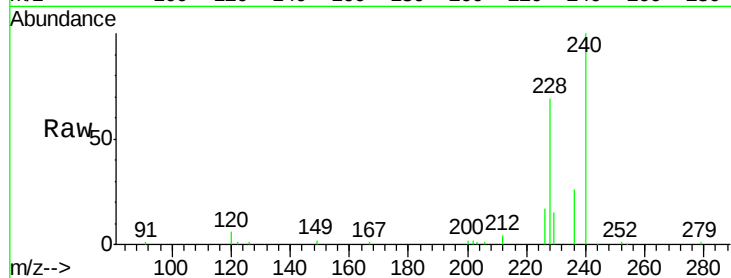




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

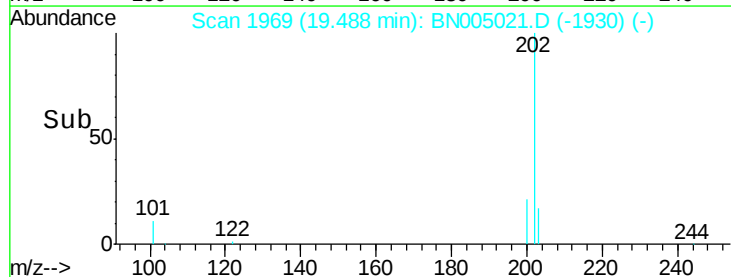
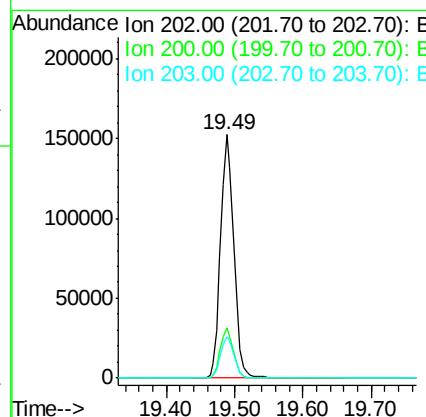
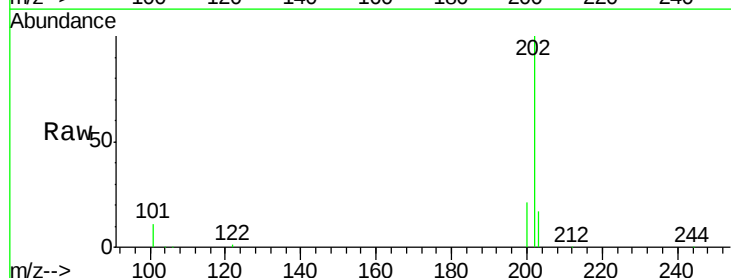
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

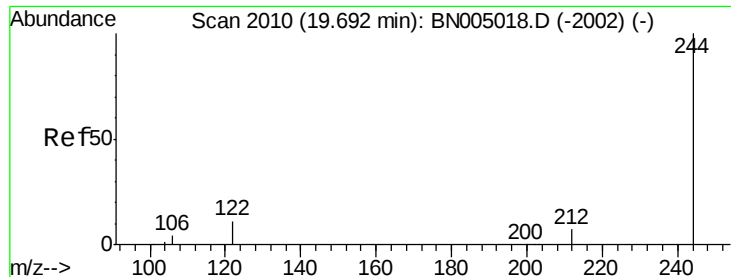
Tgt Ion:240 Resp: 23030
Ion Ratio Lower Upper
240 100
120 6.1 7.4 11.0#
236 25.7 21.0 31.6



#28
Pyrene
Concen: 2.935 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:202 Resp: 206080
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.5 13.9 20.9

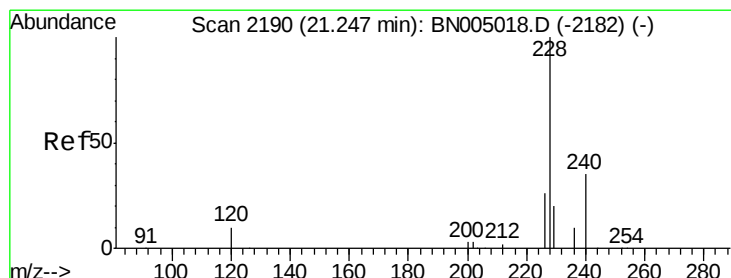
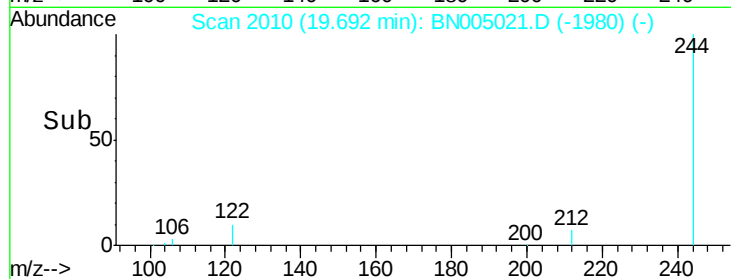
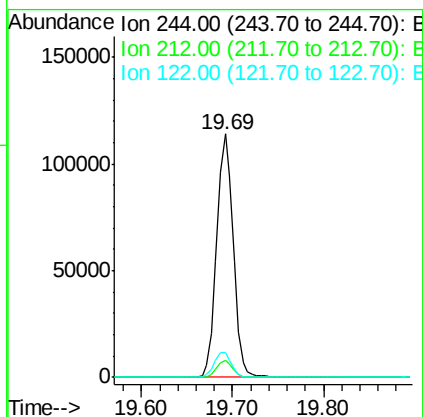
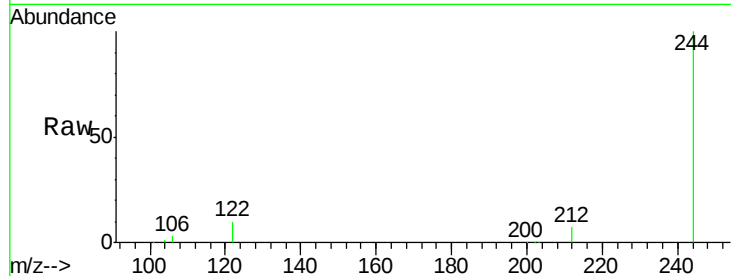




#29
 Terphenyl-d14
 Concen: 3.011 ng
 RT: 19.69 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BN005021.D
 Acq: 28 Mar 2019 20:24

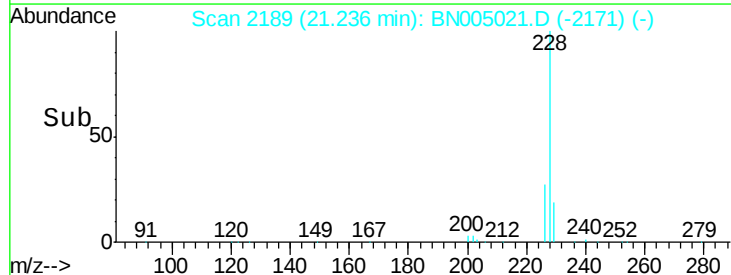
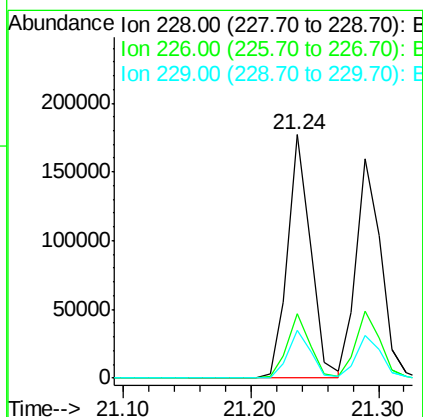
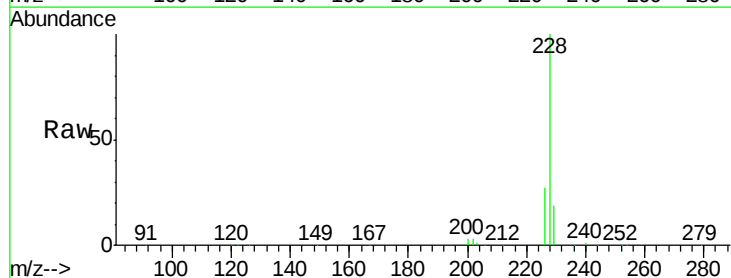
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

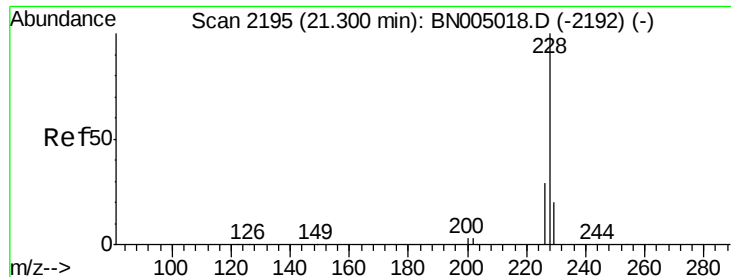
Tgt Ion: 244 Resp: 141886
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.9 9.0 13.4



#30
 Benzo(a)anthracene
 Concen: 2.907 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BN005021.D
 Acq: 28 Mar 2019 20:24

Tgt Ion: 228 Resp: 219565
 Ion Ratio Lower Upper
 228 100
 226 26.7 20.9 31.3
 229 19.4 16.2 24.2





#31

Chrysene

Concen: 2.693 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

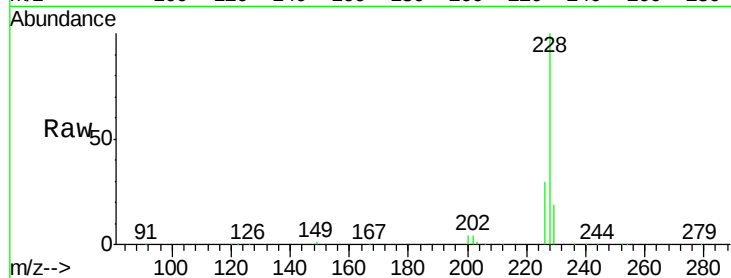
Tgt Ion:228 Resp: 214212

Ion Ratio Lower Upper

228 100

226 30.2 22.8 34.2

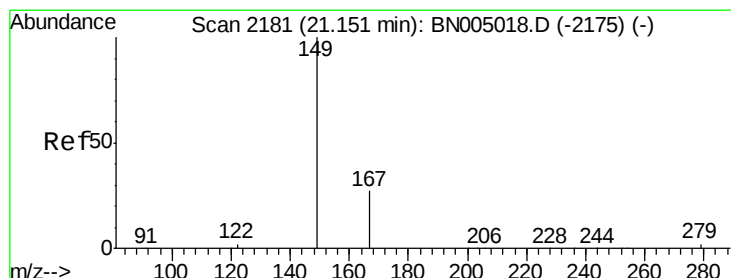
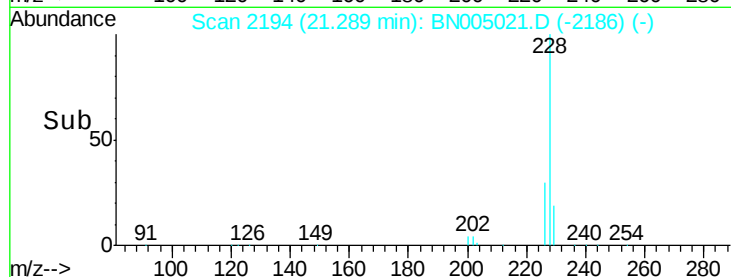
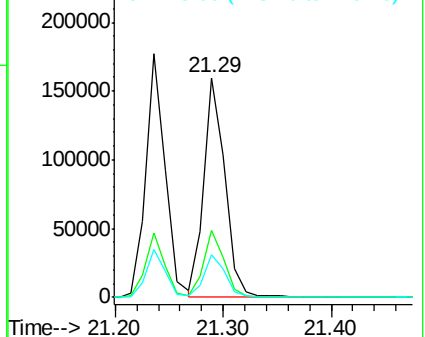
229 19.2 16.2 24.4



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: 3.298 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

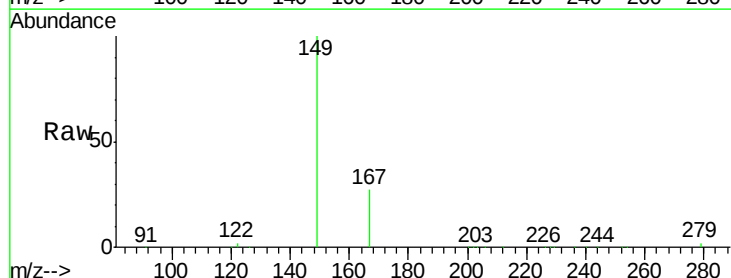
Tgt Ion:149 Resp: 99509

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

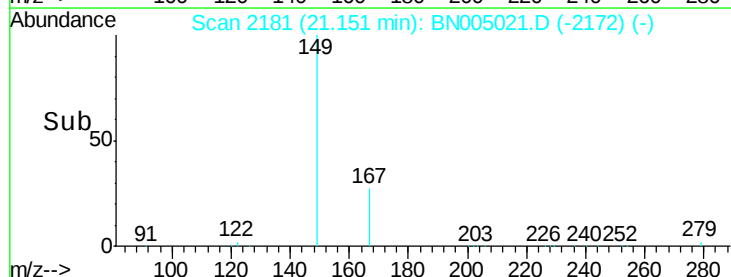
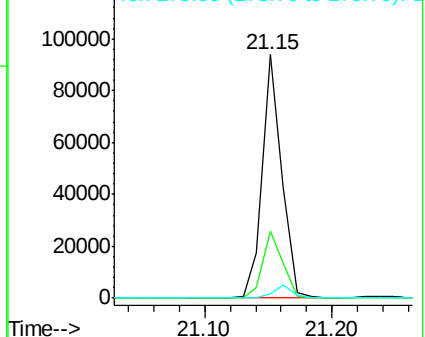
279 5.2 4.2 6.4

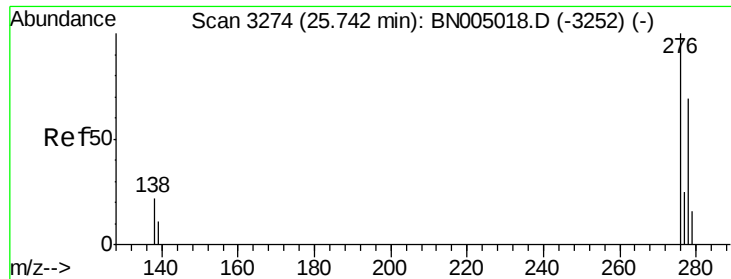


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.349 ng

RT: 25.73 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

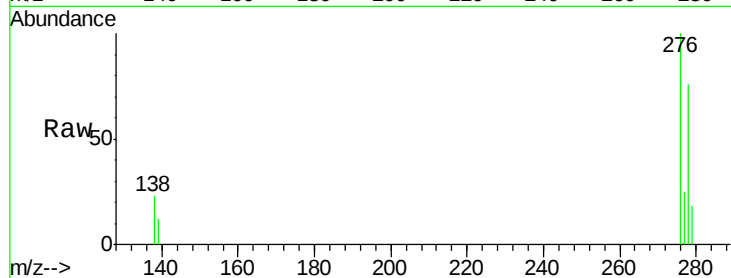
Tgt Ion:276 Resp: 270407

Ion Ratio Lower Upper

276 100

138 22.5 18.2 27.2

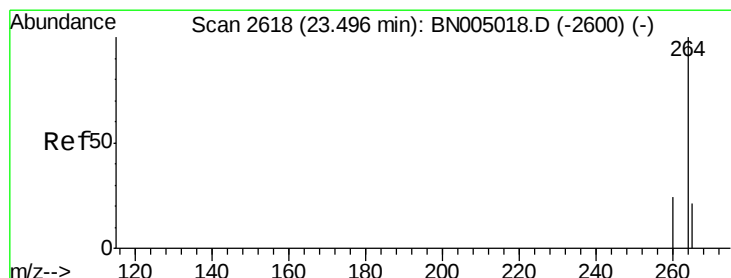
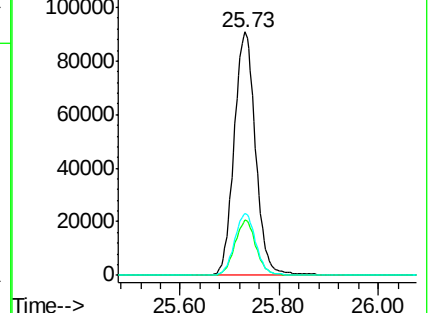
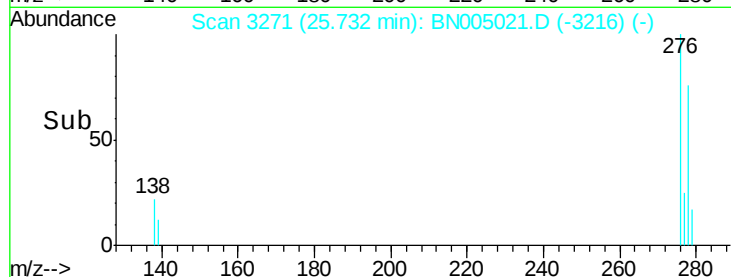
277 25.4 20.3 30.5



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: 23.49 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

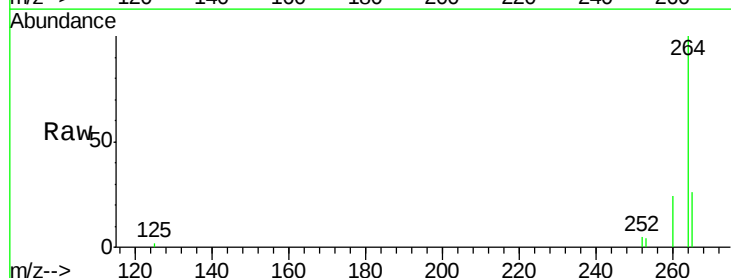
Tgt Ion:264 Resp: 22644

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

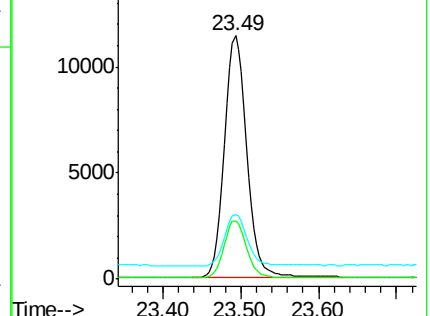
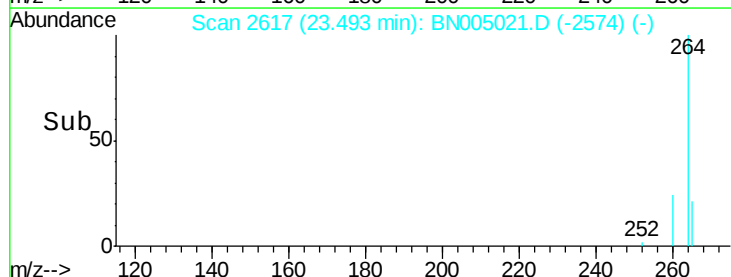
265 26.4 22.5 33.7

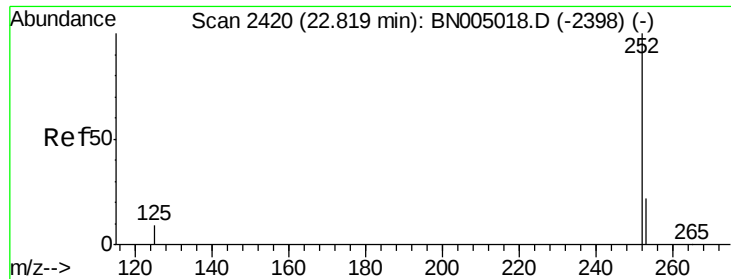


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 2.905 ng

RT: 22.81 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

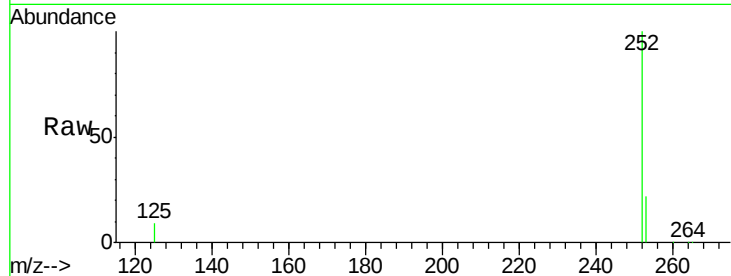
Tgt Ion:252 Resp: 237945

Ion Ratio Lower Upper

252 100

253 21.9 19.2 28.8

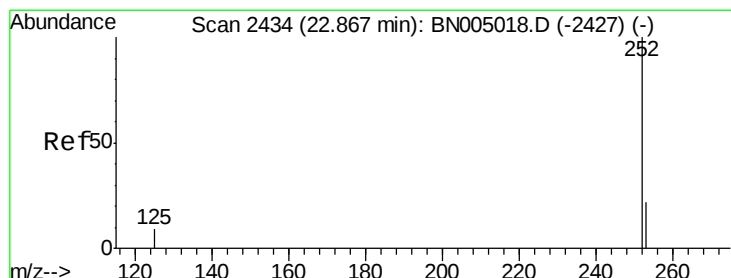
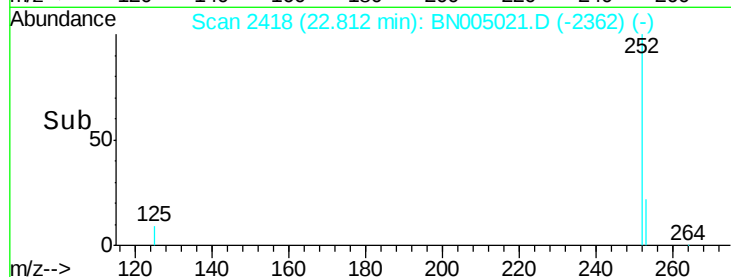
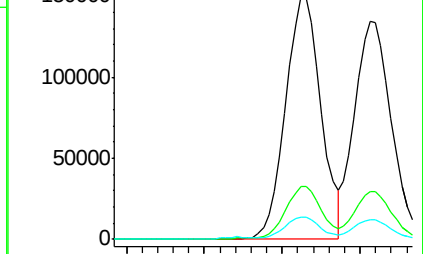
125 9.2 8.2 12.2



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: 2.783 ng

RT: 22.86 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

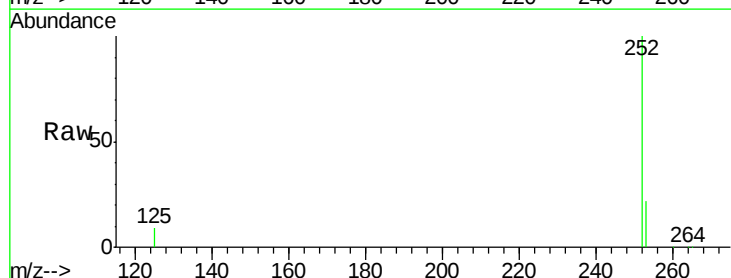
Tgt Ion:252 Resp: 224306

Ion Ratio Lower Upper

252 100

253 22.0 19.3 28.9

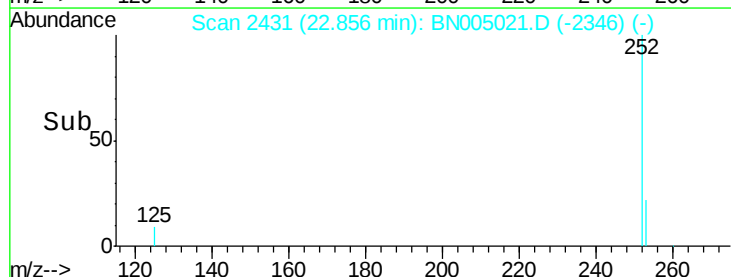
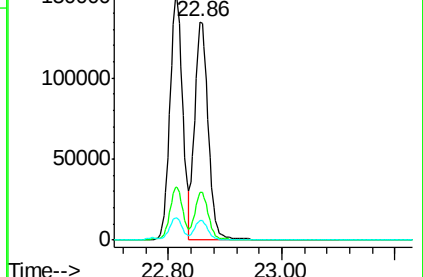
125 9.1 8.2 12.2

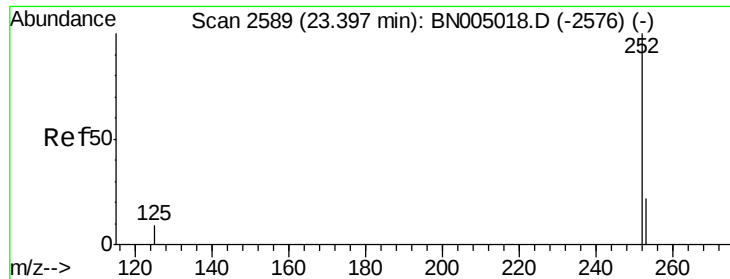


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 2.870 ng

RT: 23.39 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

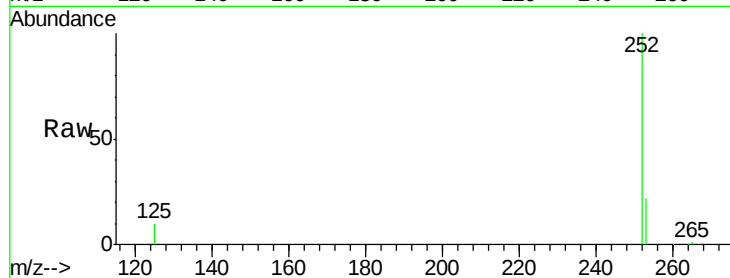
Tgt Ion:252 Resp: 215648

Ion Ratio Lower Upper

252 100

253 21.9 20.2 30.2

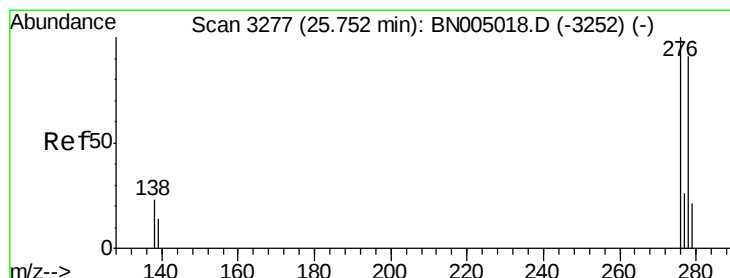
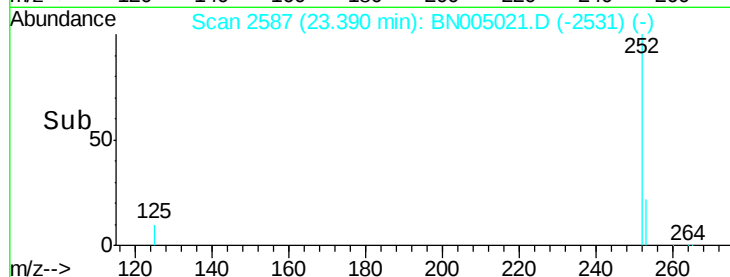
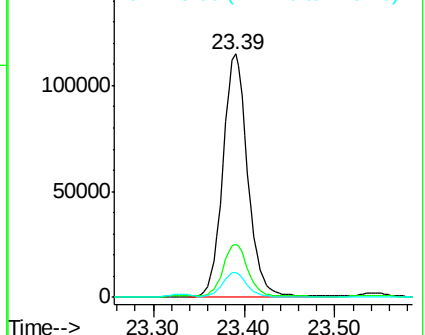
125 10.1 9.2 13.8



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: 2.536 ng

RT: 25.74 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN005021.D

Acq: 28 Mar 2019 20:24

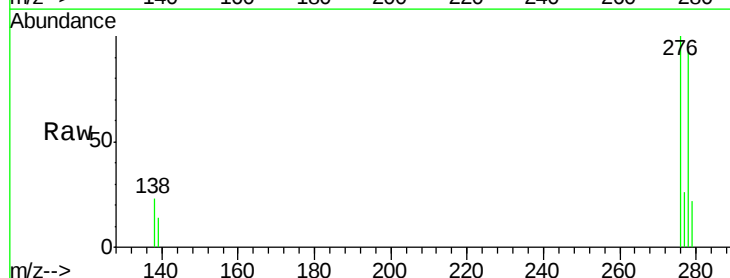
Tgt Ion:278 Resp: 220752

Ion Ratio Lower Upper

278 100

139 15.4 13.1 19.7

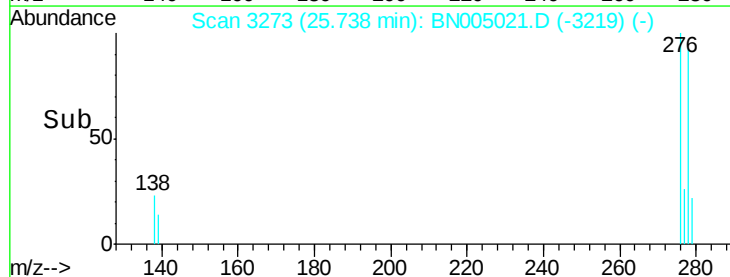
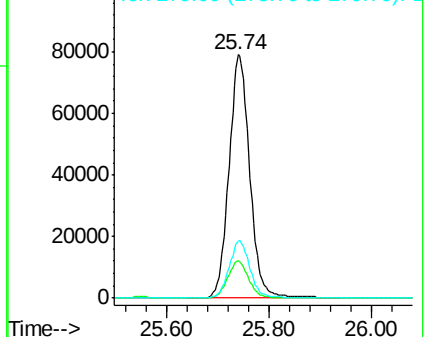
279 23.5 20.2 30.2

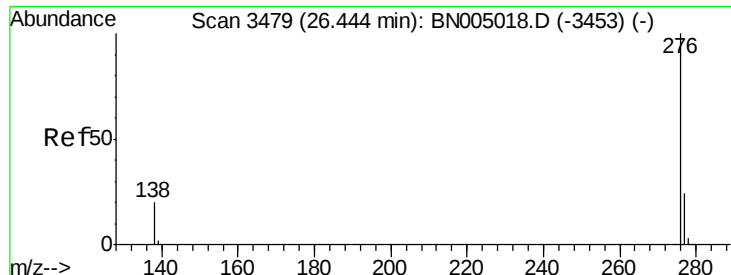


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.470 ng

RT: 26.43 min Scan# 3474

Delta R.T. -0.02 min

Lab File: BN005021.D

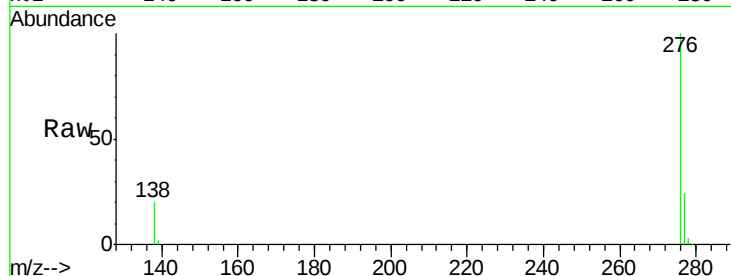
Acq: 28 Mar 2019 20:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2



Tgt Ion:276 Resp: 219034

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.6

138 19.5 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

