

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN073018\
 Data File : BN002184.D
 Acq On : 30 Jul 2018 13:22
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jul 30 14:15:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 14:09:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3126	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	12807	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	7410	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	17286	0.40	ng	0.00
27) Chrysene-d12	21.27	240	15779	0.40	ng	0.00
34) Perylene-d12	23.50	264	12338	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	5832	0.88	ng	0.00
5) Phenol-d6	6.88	99	7145	0.85	ng	0.00
8) Nitrobenzene-d5	8.84	82	7827	1.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	15163	0.79	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	2707	1.15	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	22561	0.64	ng	0.00
25) Fluoranthene-d10	19.10	212	35202	0.76	ng	0.00
29) Terphenyl-d14	19.71	244	28048	1.01	ng	0.00

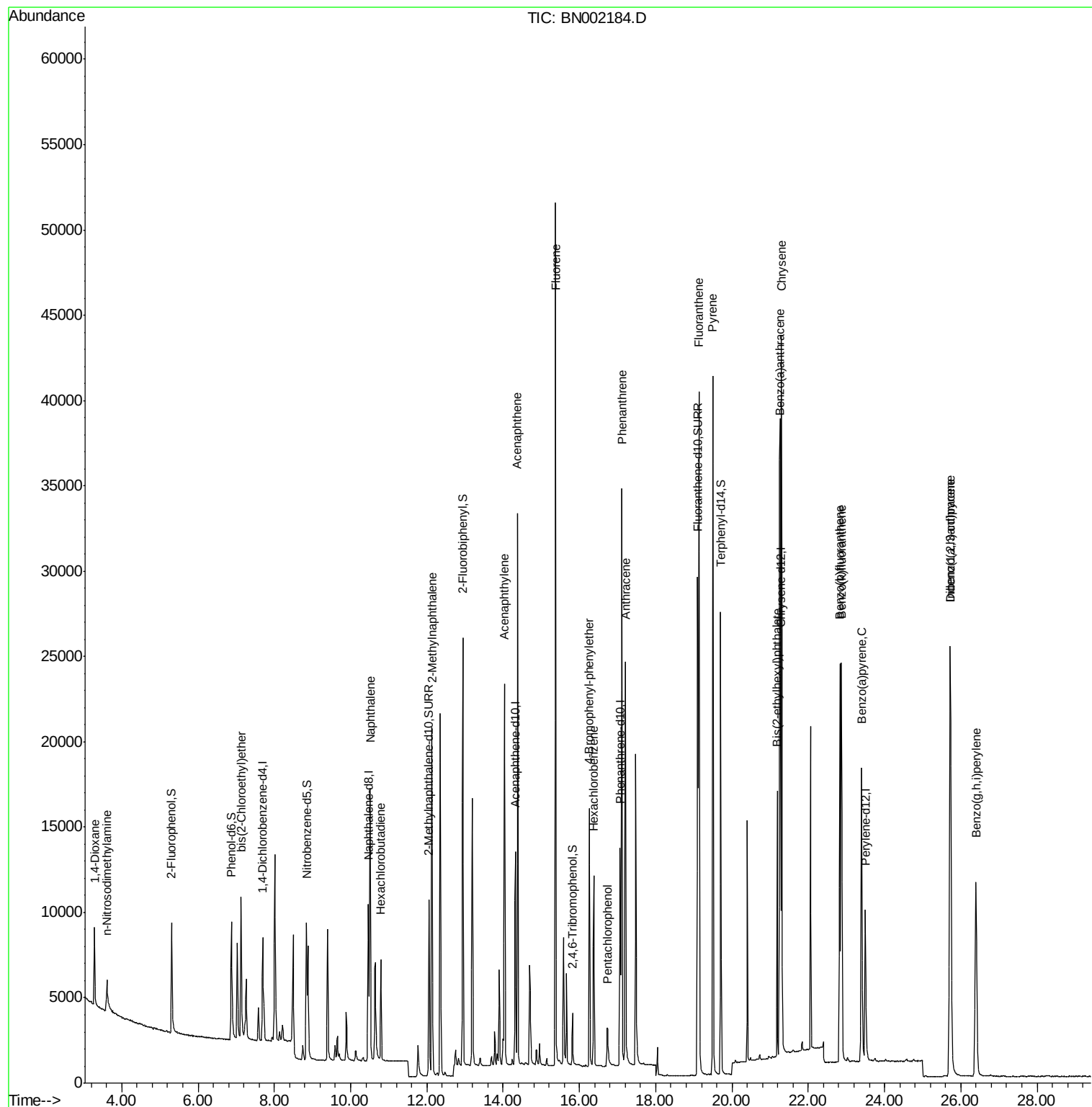
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	2699	0.833	ng	97
3) n-Nitrosodimethylamine	3.60	42	2044	0.928	ng	# 91
6) bis(2-Chloroethyl)ether	7.13	93	7132	0.669	ng	91
9) Naphthalene	10.52	128	23250	0.621	ng	97
10) Hexachlorobutadiene	10.80	225	4976	0.783	ng	# 55
12) 2-Methylnaphthalene	12.13	142	15968	0.651	ng	98
16) Acenaphthylene	14.03	152	26028	0.745	ng	99
17) Acenaphthene	14.38	154	16501	0.599	ng	97
18) Fluorene	15.37	166	20758	0.604	ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	7915	0.795	ng	# 80
21) Hexachlorobenzene	16.38	284	8588	0.645	ng	96
22) Pentachlorophenol	16.74	266	1742	0.489	ng	94
23) Phenanthrene	17.11	178	34903	0.574	ng	99
24) Anthracene	17.21	178	29875	0.648	ng	96
26) Fluoranthene	19.14	202	39452	0.625	ng	# 97
28) Pyrene	19.50	202	38986	0.629	ng	100
30) Benzo(a)anthracene	21.25	228	32448	0.653	ng	96
31) Chrysene	21.30	228	34848	0.600	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	14534	0.786	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.72	276	30062	0.554	ng	# 94
35) Benzo(b)fluoranthene	22.83	252	28779	0.511	ng	# 88
36) Benzo(k)fluoranthene	22.87	252	30686	0.557	ng	96
37) Benzo(a)pyrene	23.40	252	26325	0.574	ng	# 93
38) Dibenzo(a,h)anthracene	25.73	278	24957	0.611	ng	# 95
39) Benzo(g,h,i)perylene	26.40	276	25279	0.524	ng	# 90

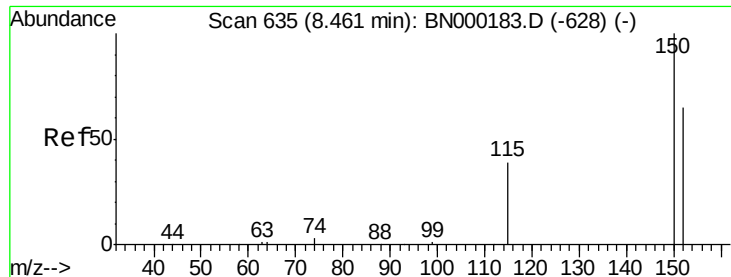
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

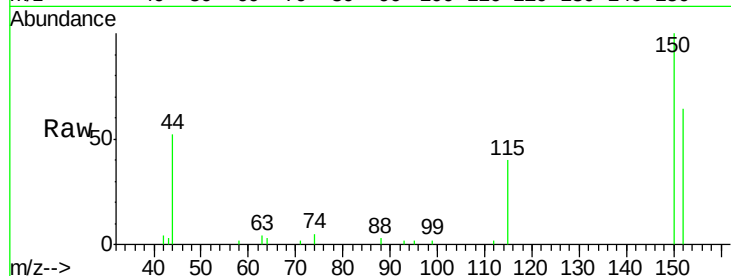
Tgt Ion:152 Resp: 3126

Ion Ratio Lower Upper

152 100

150 156.6 117.2 175.8

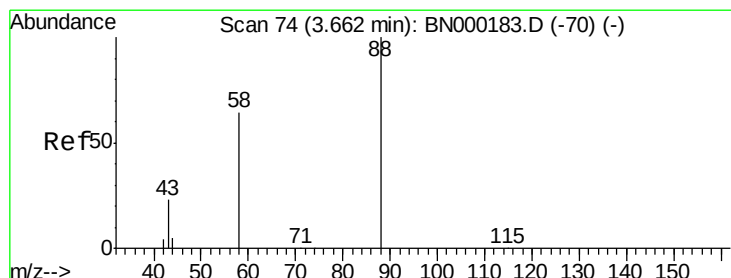
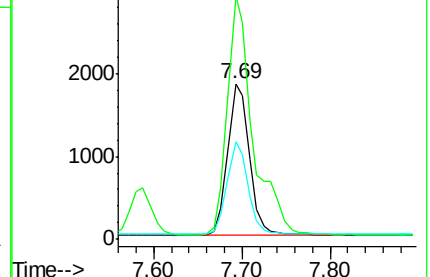
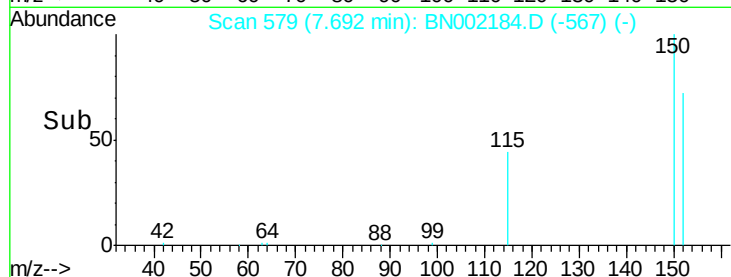
115 62.6 57.0 85.6



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: 0.833 ng

RT: 3.29 min Scan# 32

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

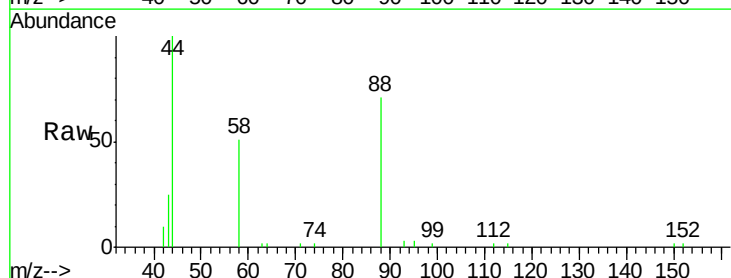
Tgt Ion: 88 Resp: 2699

Ion Ratio Lower Upper

88 100

58 86.4 72.0 108.0

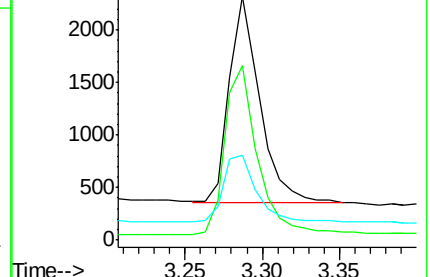
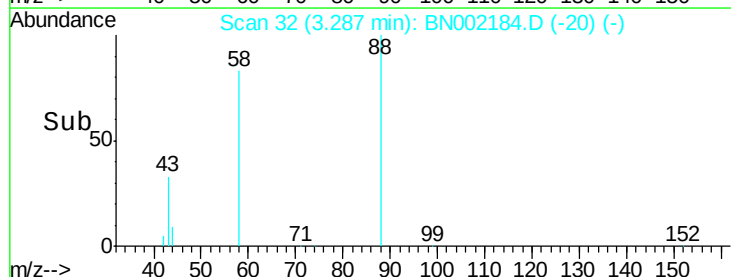
43 35.2 28.0 42.0

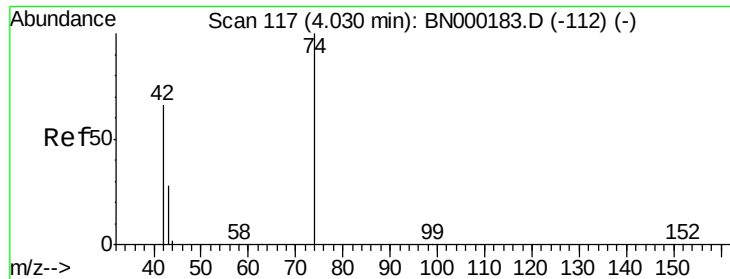


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.928 ng

RT: 3.60 min Scan# 71

Delta R.T. -0.01 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

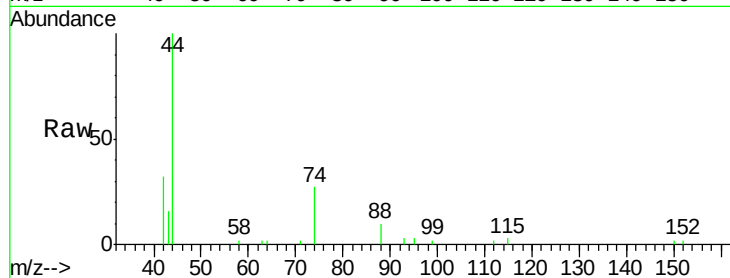
Tgt Ion: 42 Resp: 2044

Ion Ratio Lower Upper

42 100

74 107.4 88.0 132.0

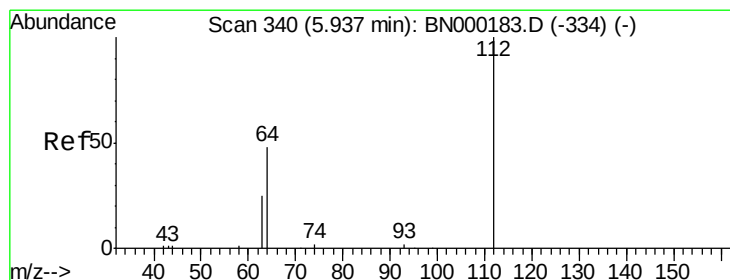
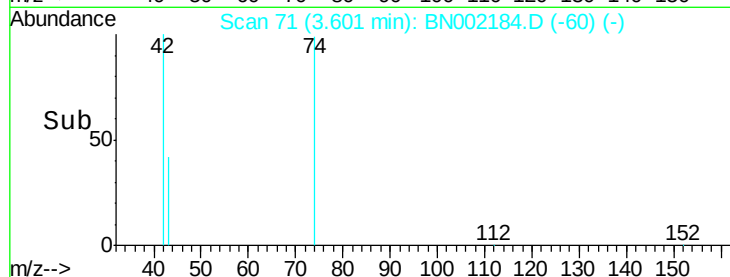
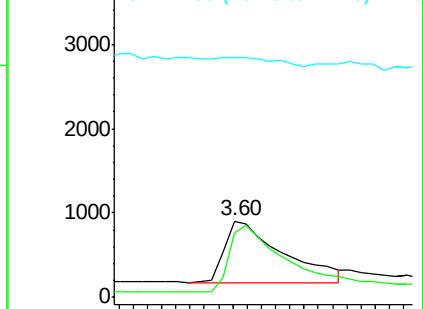
44 0.0 16.0 24.0#



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: 0.884 ng

RT: 5.31 min Scan# 283

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

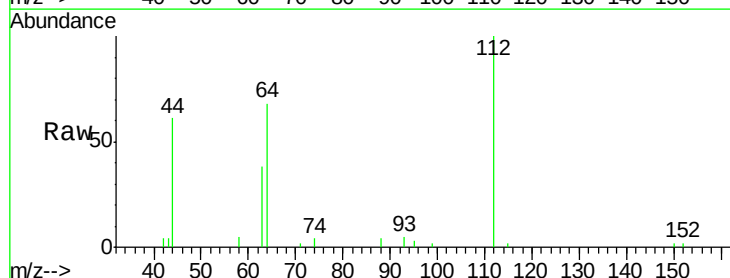
Tgt Ion: 112 Resp: 5832

Ion Ratio Lower Upper

112 100

64 64.2 60.1 90.1

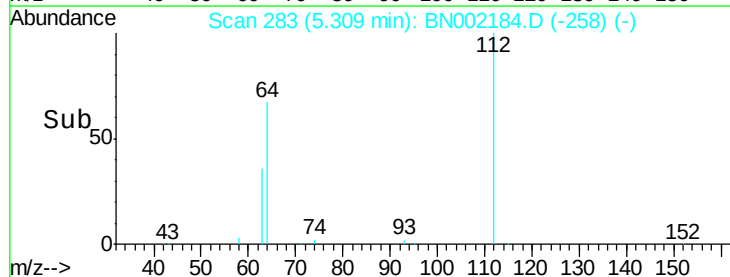
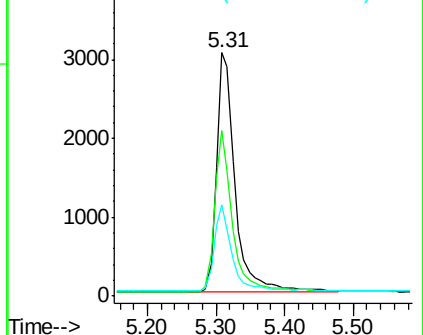
63 34.4 116.8 175.2#

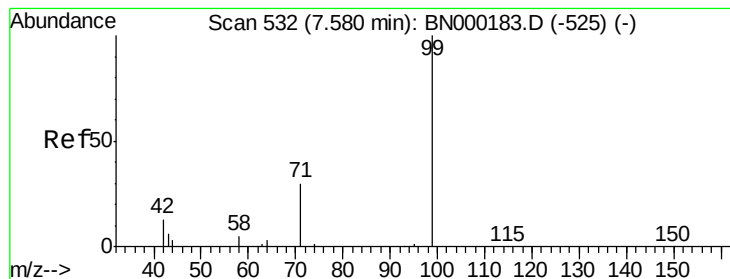


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.852 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

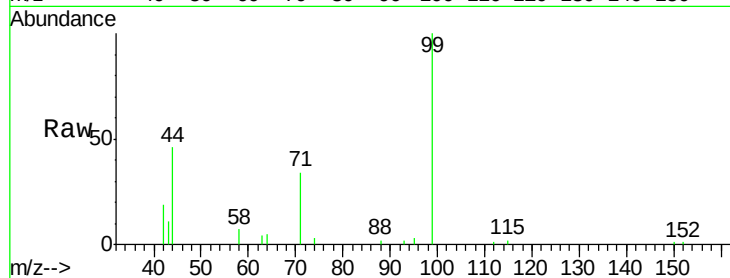
Tgt Ion: 99 Resp: 7145

Ion Ratio Lower Upper

99 100

42 22.7 20.2 30.2

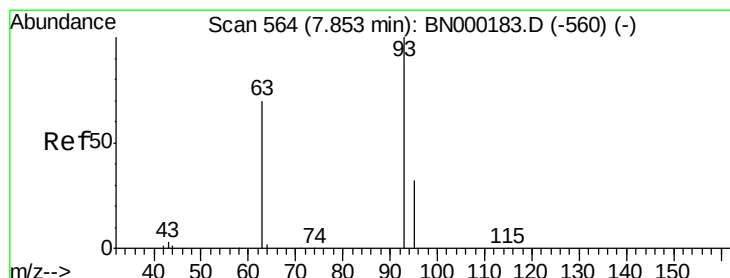
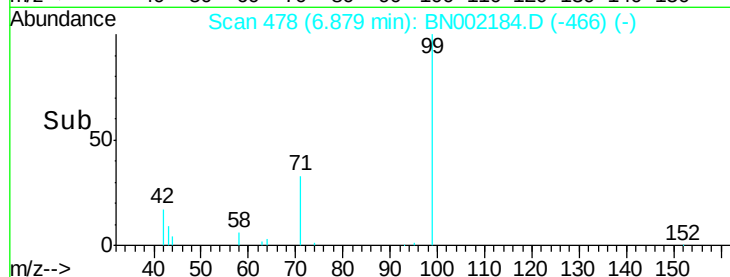
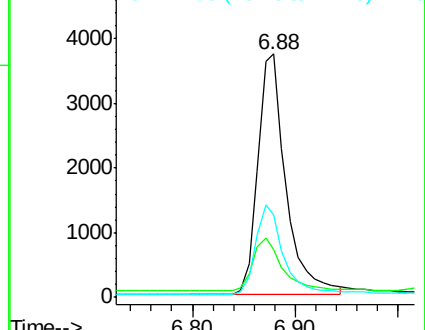
71 36.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN000183.D (-525) (-)

Ion 42.00 (41.70 to 42.70): BN000183.D (-525) (-)

Ion 71.00 (70.70 to 71.70): BN000183.D (-525) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.669 ng

RT: 7.13 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

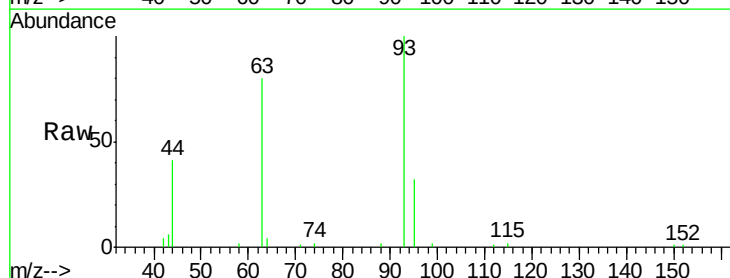
Tgt Ion: 93 Resp: 7132

Ion Ratio Lower Upper

93 100

63 80.1 56.0 84.0

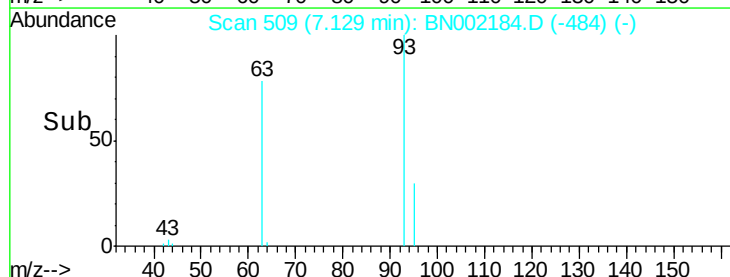
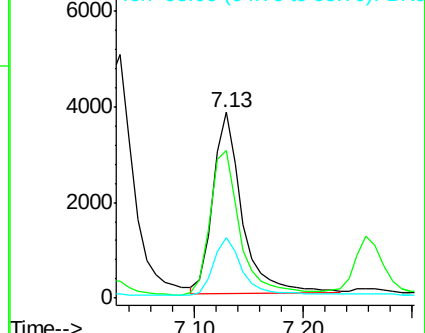
95 31.3 25.2 37.8

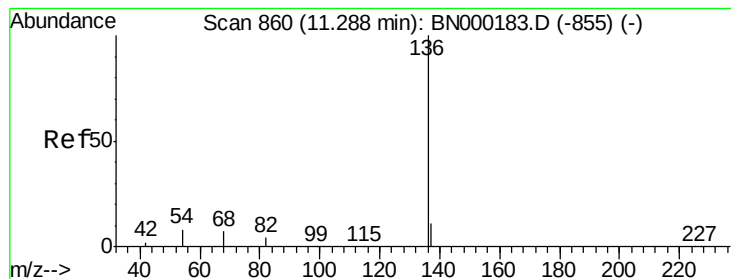


Abundance Ion 93.00 (92.70 to 93.70): BN000183.D (-560) (-)

Ion 63.00 (62.70 to 63.70): BN000183.D (-560) (-)

Ion 95.00 (94.70 to 95.70): BN000183.D (-560) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

Tgt Ion:136 Resp: 12807

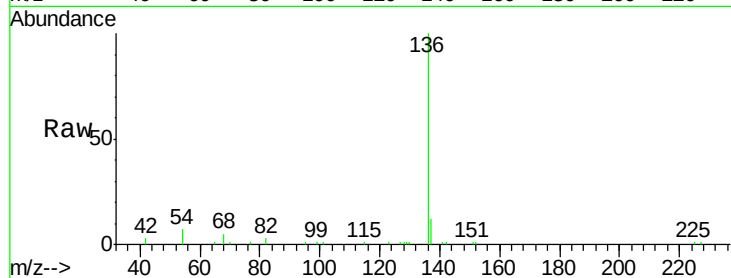
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 7.2 29.1 43.7#

68 5.0 6.2 9.2#

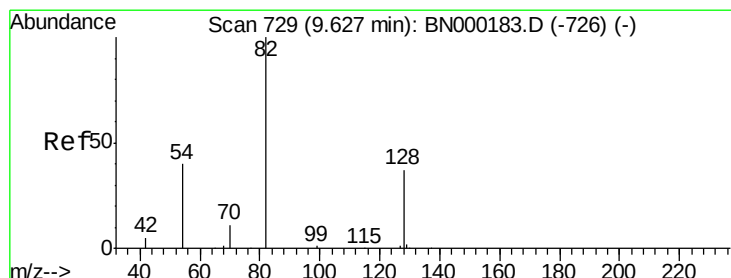
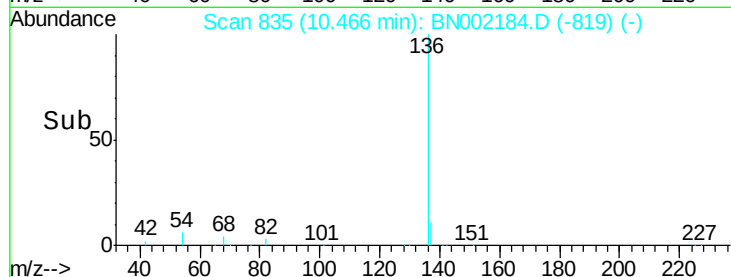
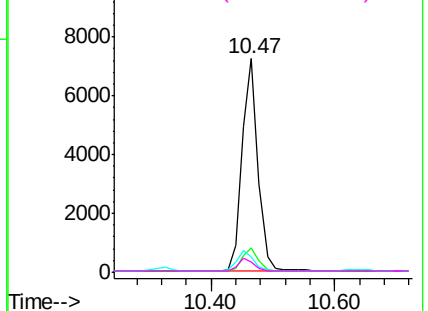


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.030 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

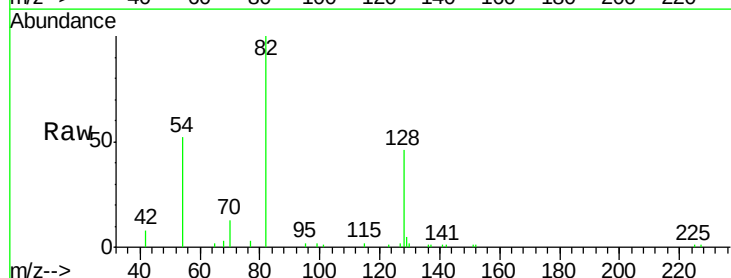
Tgt Ion: 82 Resp: 7827

Ion Ratio Lower Upper

82 100

128 45.7 150.0 225.0#

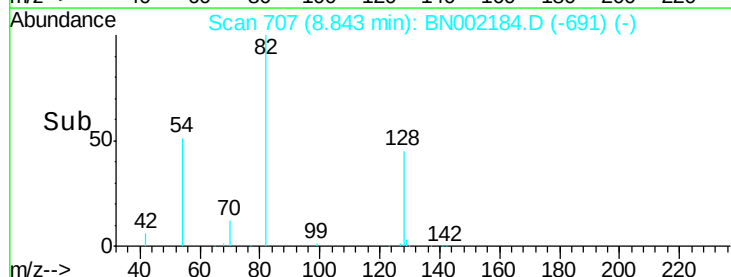
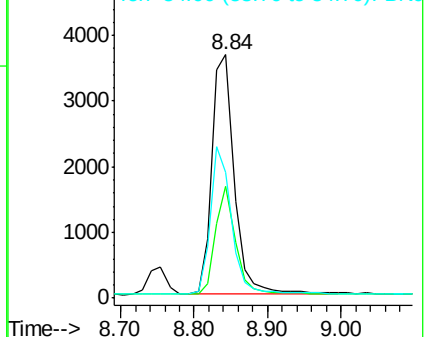
54 51.7 154.2 231.4#

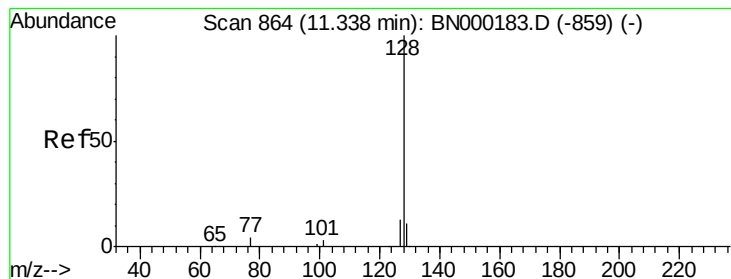


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.621 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

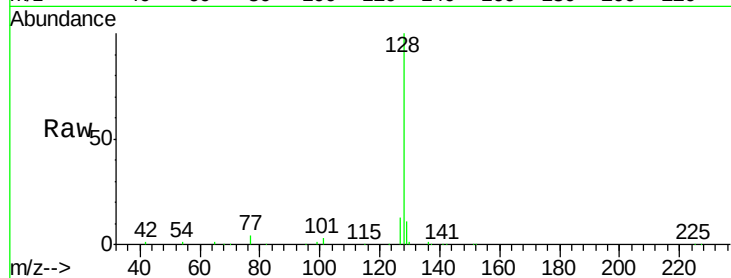
Tgt Ion:128 Resp: 23250

Ion Ratio Lower Upper

128 100

129 11.3 8.0 12.0

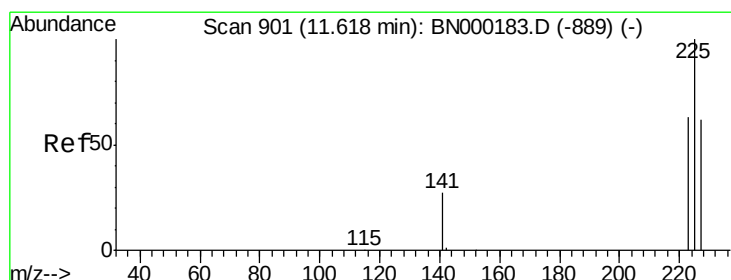
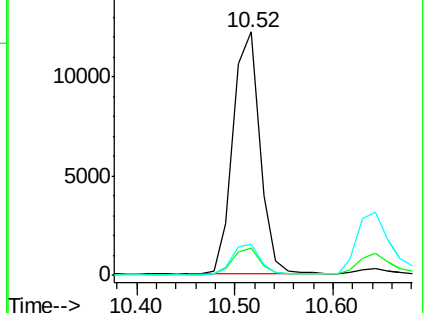
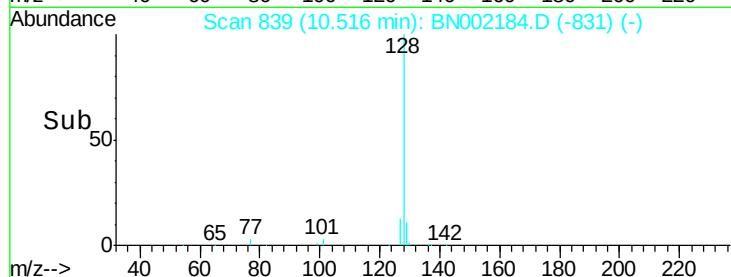
127 13.0 9.6 14.4



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: 0.783 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

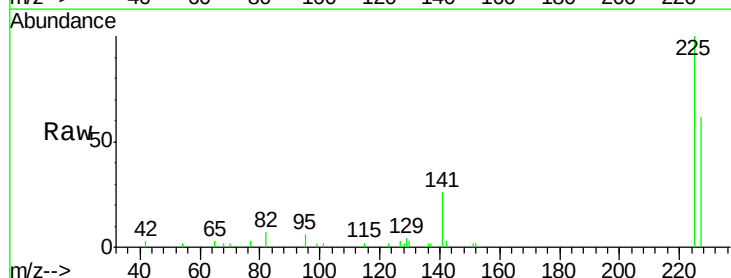
Tgt Ion:225 Resp: 4976

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

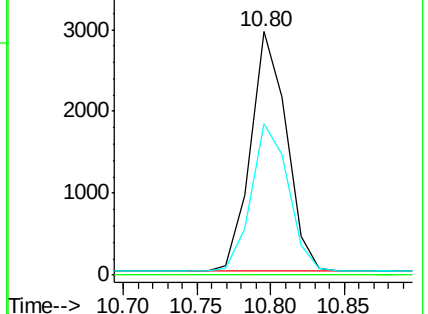
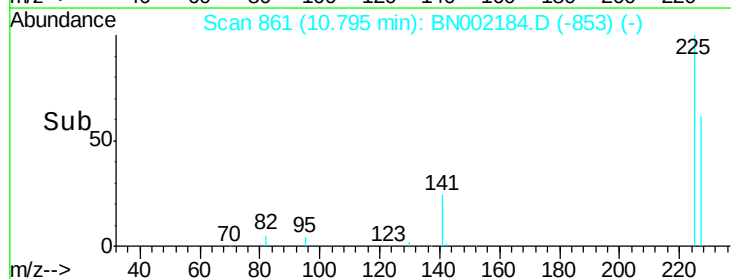
227 63.5 48.0 72.0

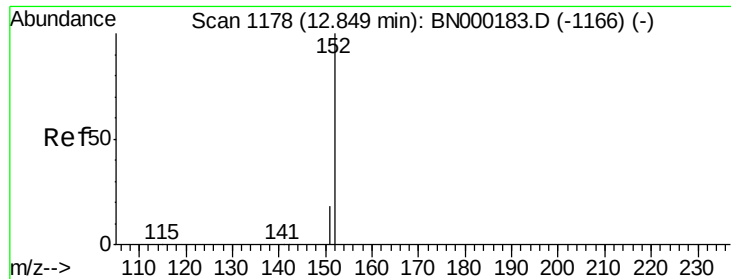


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

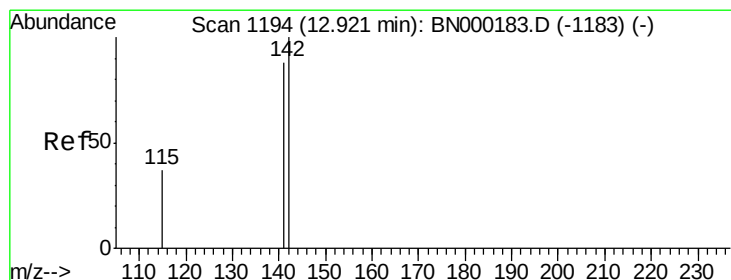
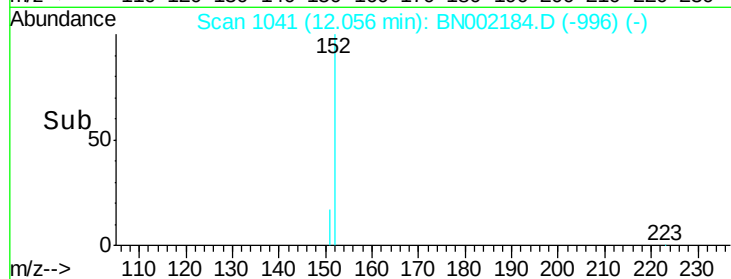
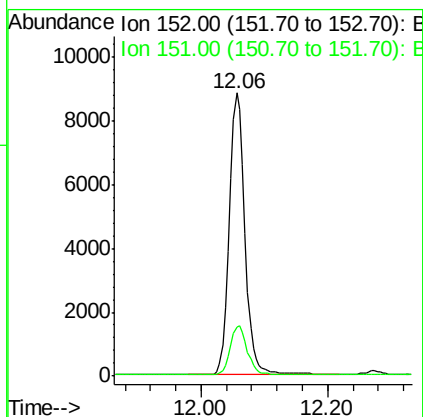
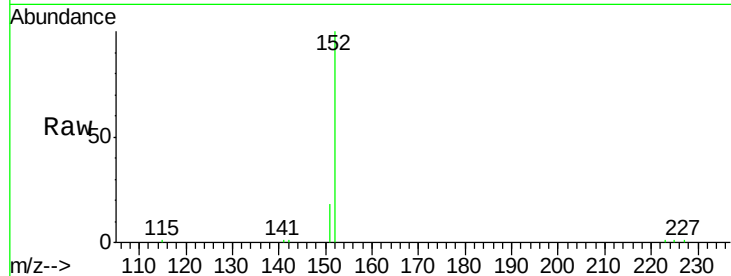




#11
 2-Methylnaphthalene-d10
 Concen: 0.786 ng
 RT: 12.06 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BN002184.D
 Acq: 30 Jul 2018 13:22

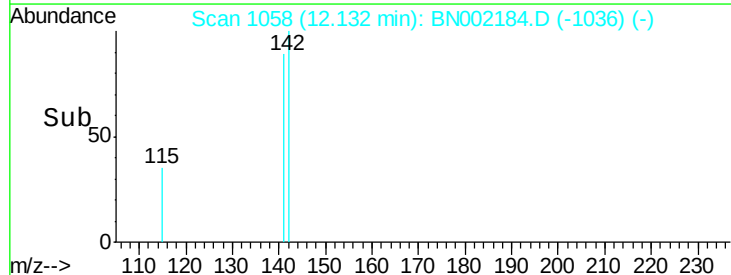
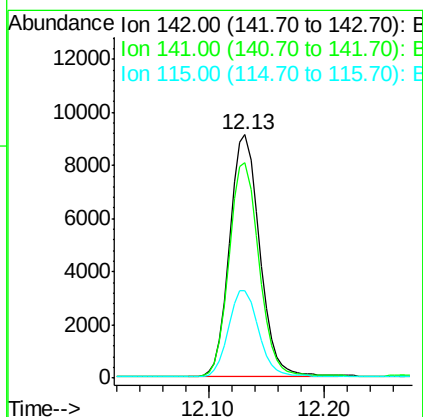
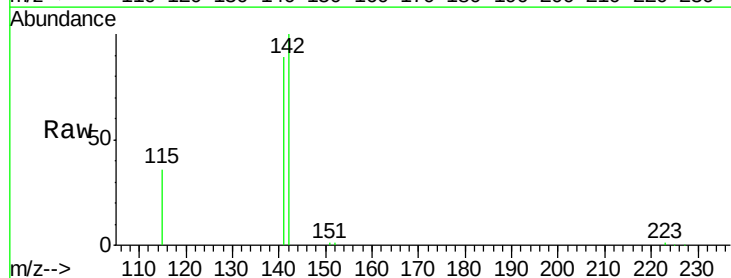
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

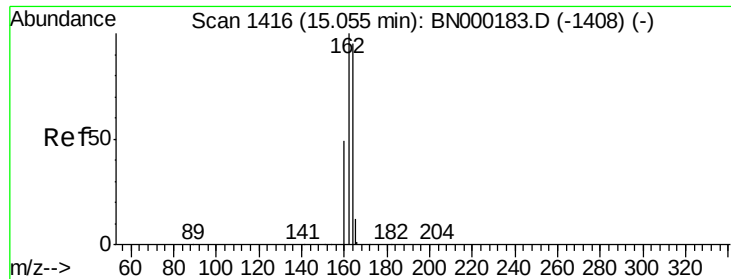
Tgt Ion:152 Resp: 15163
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.651 ng
 RT: 12.13 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BN002184.D
 Acq: 30 Jul 2018 13:22

Tgt Ion:142 Resp: 15968
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.4 105.6
 115 35.7 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

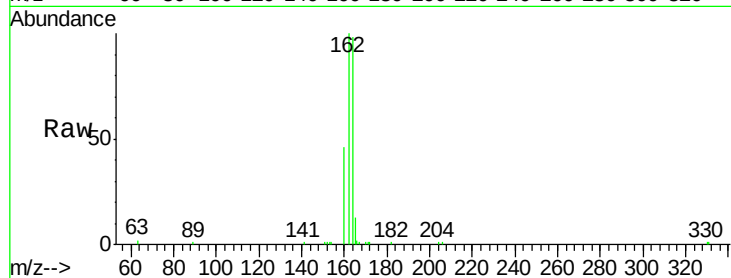
Tgt Ion:164 Resp: 7410

Ion Ratio Lower Upper

164 100

162 101.7 83.1 124.7

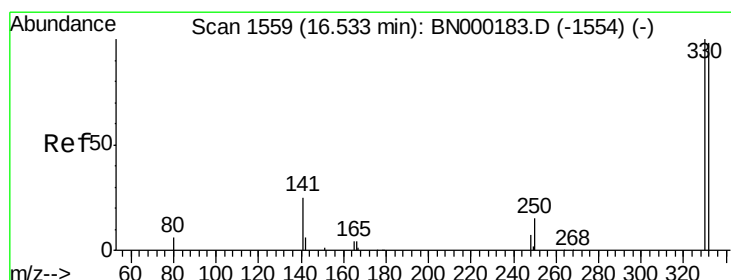
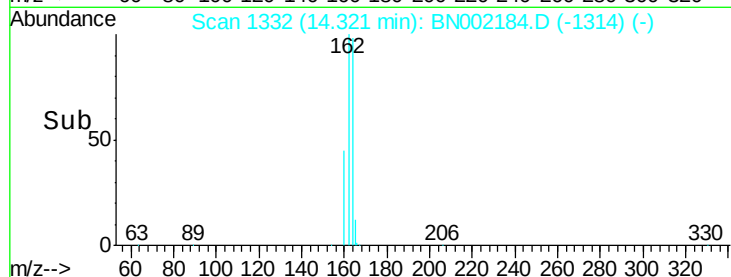
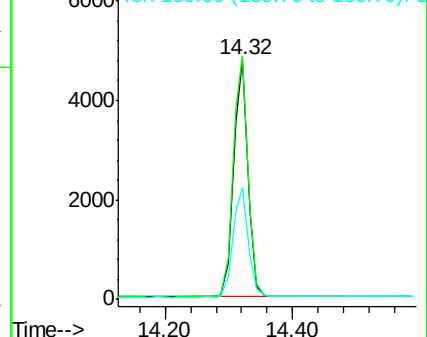
160 46.7 37.1 55.7



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: 1.151 ng

RT: 15.81 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

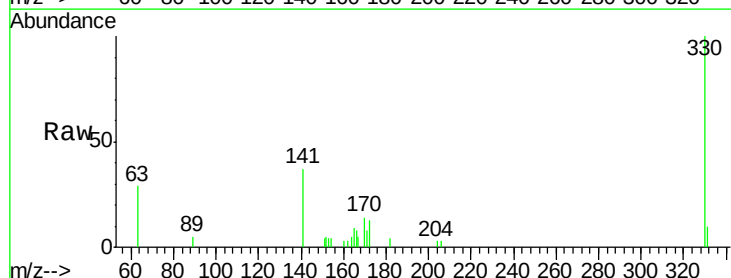
Tgt Ion:330 Resp: 2707

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

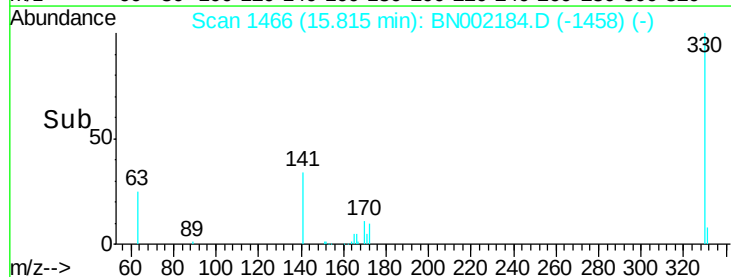
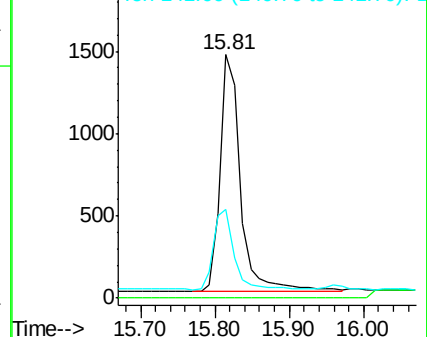
141 34.9 33.7 50.5

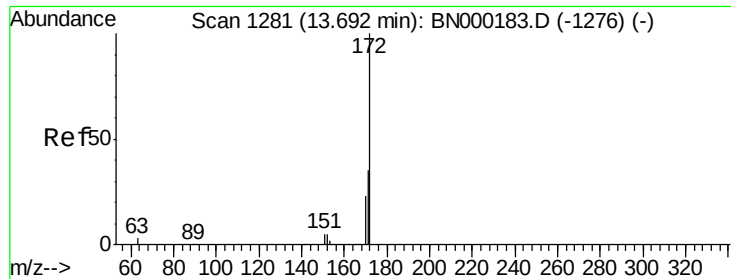


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

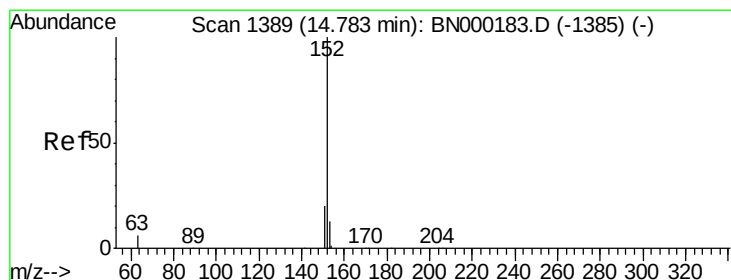
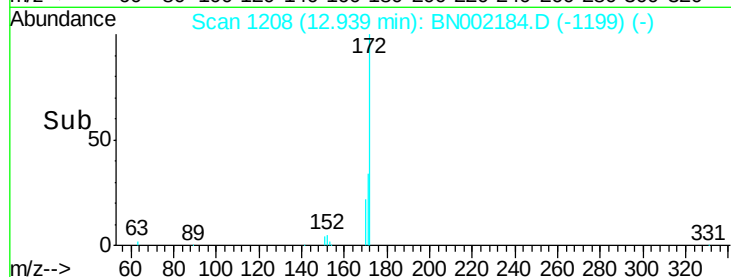
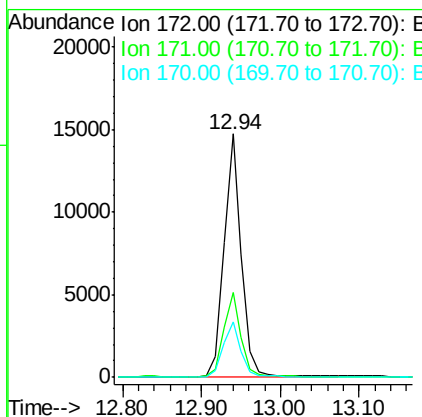
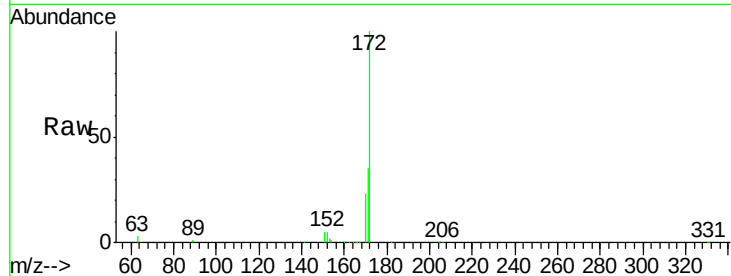




#15
2-Fluorobiphenyl
Concen: 0.642 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002184.D
Acq: 30 Jul 2018 13:22

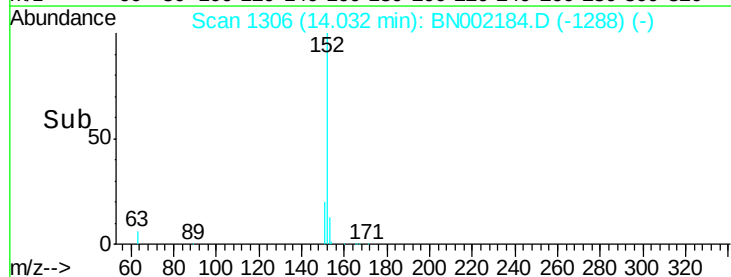
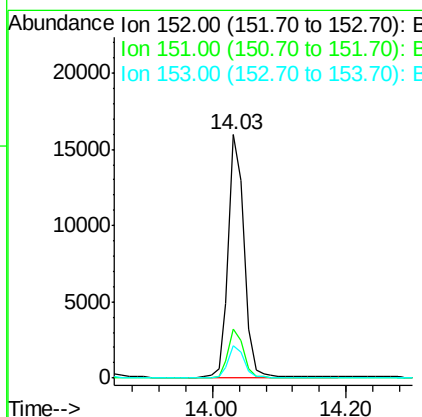
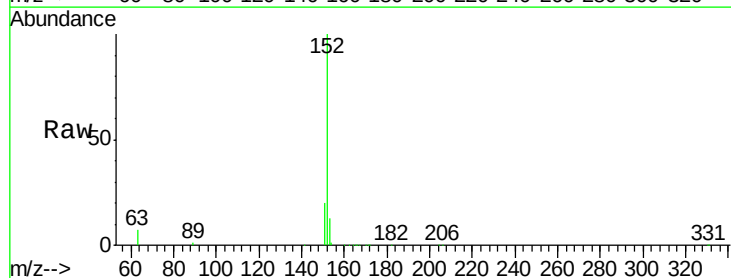
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

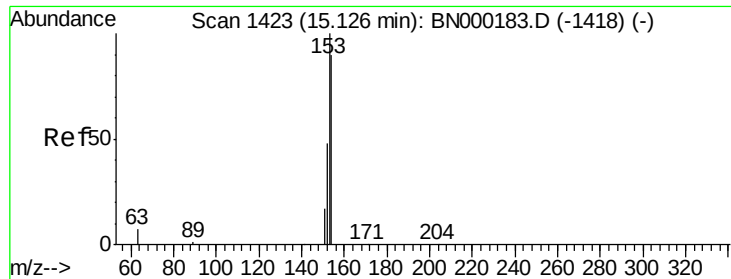
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	22.7	21.8	32.8



#16
Acenaphthylene
Concen: 0.745 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002184.D
Acq: 30 Jul 2018 13:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.5	15.7





#17

Acenaphthene

Concen: 0.599 ng

RT: 14.38 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

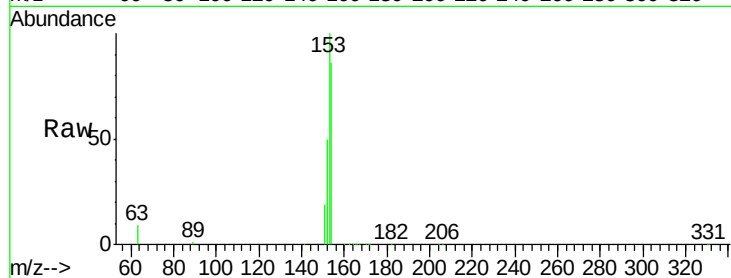
Tgt Ion:154 Resp: 16501

Ion Ratio Lower Upper

154 100

153 113.8 89.2 133.8

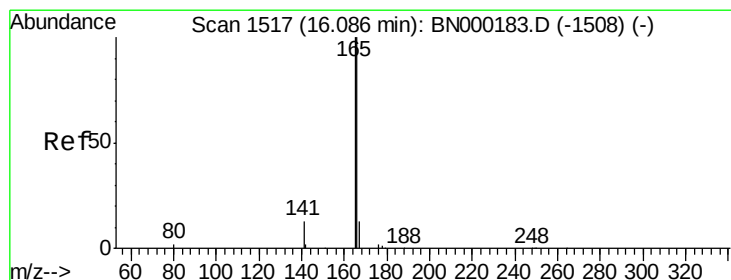
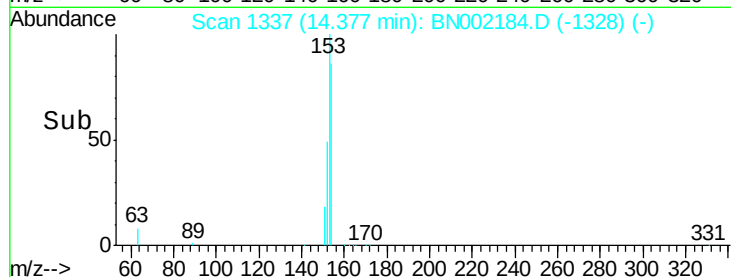
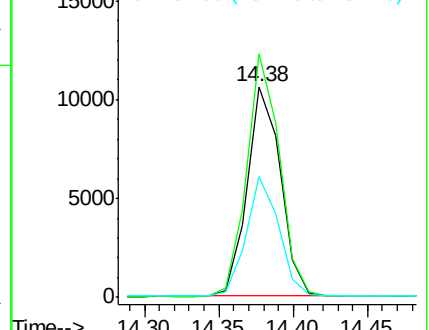
152 56.1 42.0 63.0



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: 0.604 ng

RT: 15.37 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

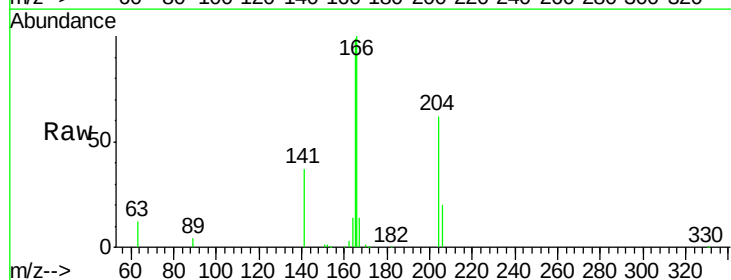
Tgt Ion:166 Resp: 20758

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.6

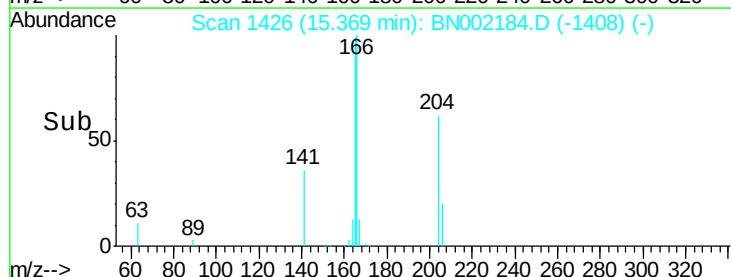
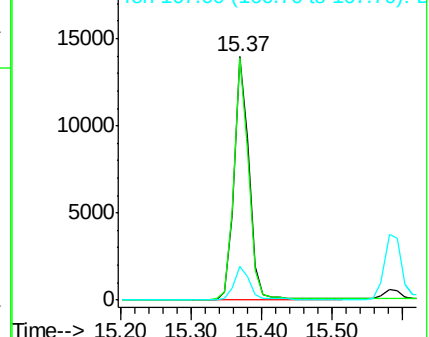
167 13.6 42.4 63.6#

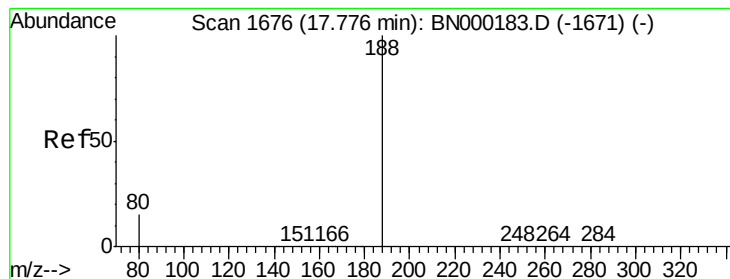


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

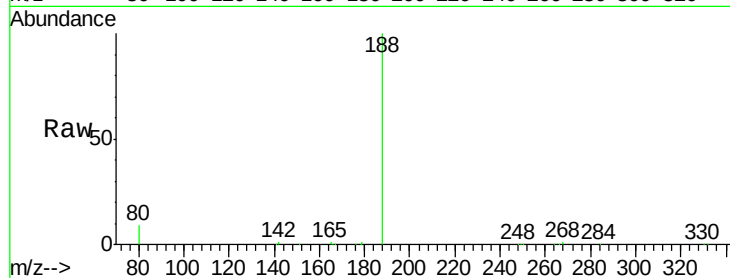
Tgt Ion:188 Resp: 17286

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 8.7 3.6 5.4#



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

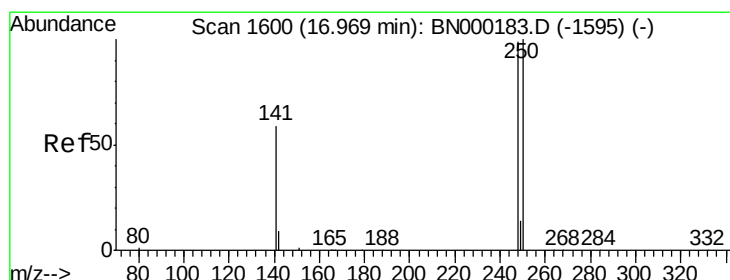
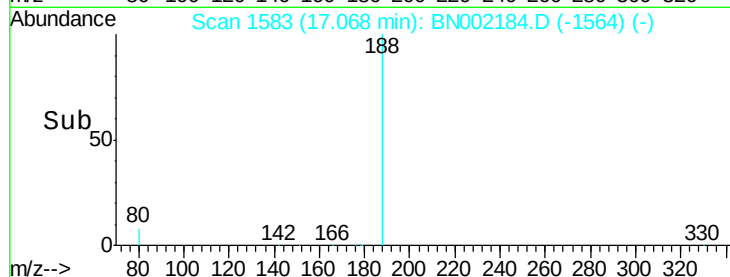
17.07

10000

5000

0

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.795 ng

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

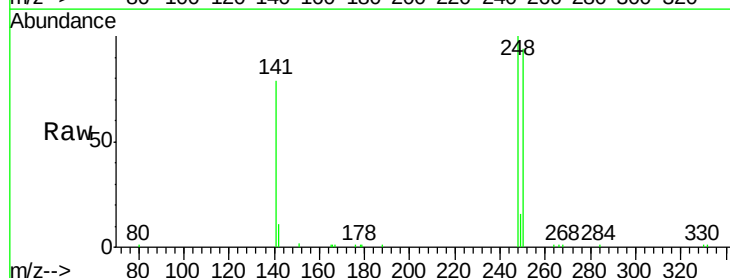
Tgt Ion:248 Resp: 7915

Ion Ratio Lower Upper

248 100

250 93.6 62.7 94.1

141 78.8 48.2 72.2#



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

16.26

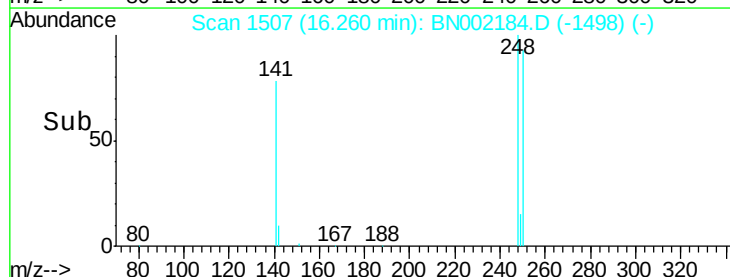
6000

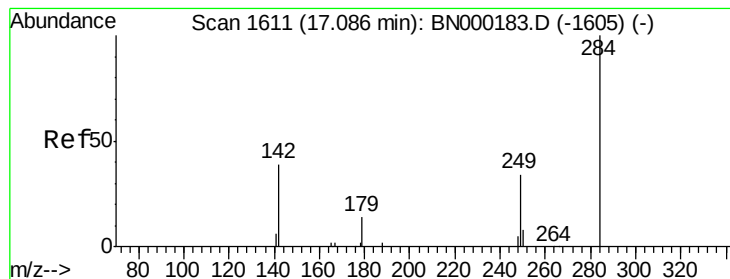
4000

2000

0

Time-->





#21

Hexachlorobenzene

Concen: 0.645 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

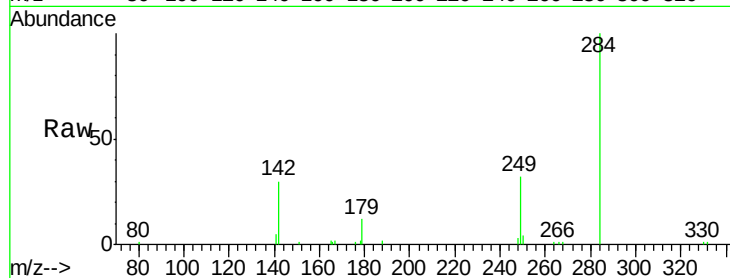
Tgt Ion:284 Resp: 8588

Ion Ratio Lower Upper

284 100

142 35.8 32.0 48.0

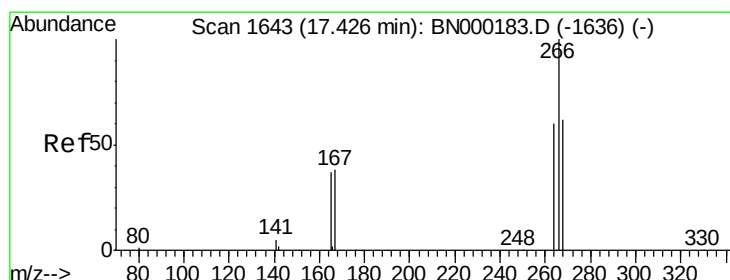
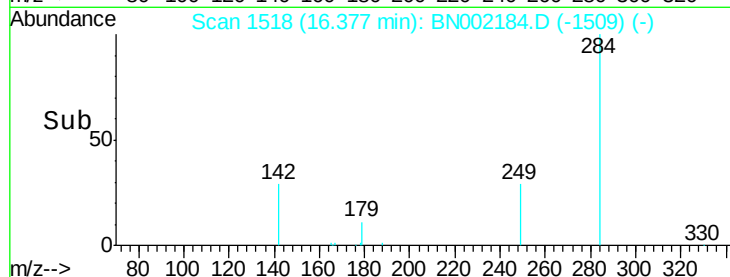
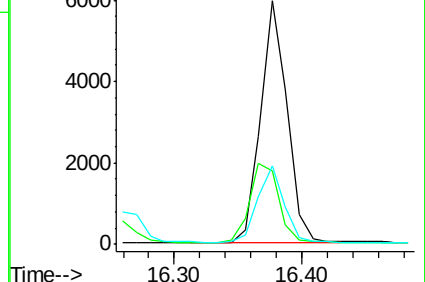
249 30.8 24.0 36.0



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: 0.489 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

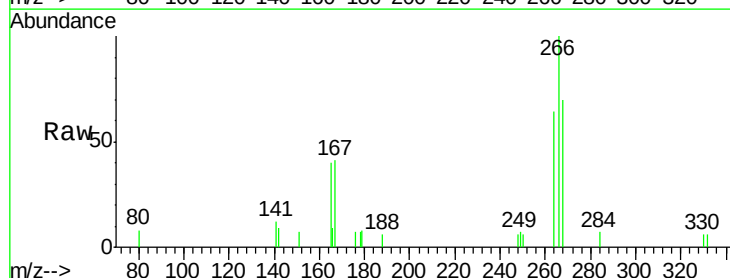
Tgt Ion:266 Resp: 1742

Ion Ratio Lower Upper

266 100

264 64.1 48.0 72.0

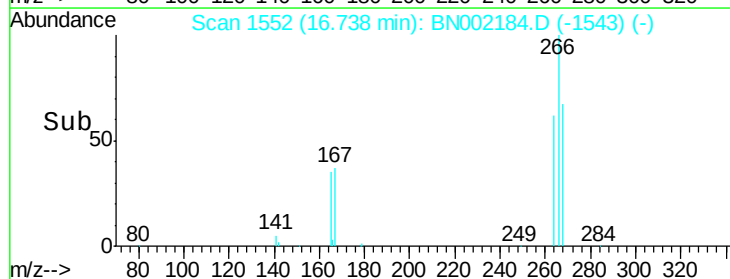
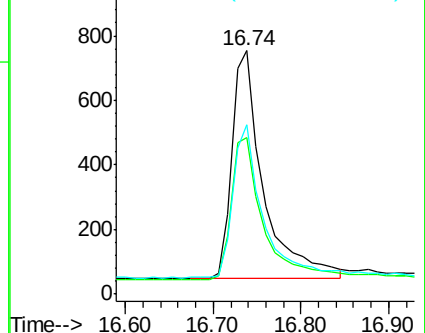
268 69.8 52.0 78.0

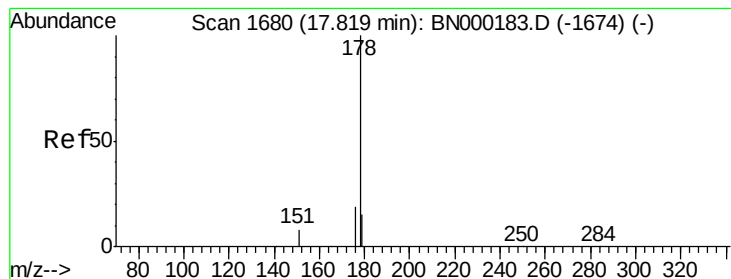


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.574 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

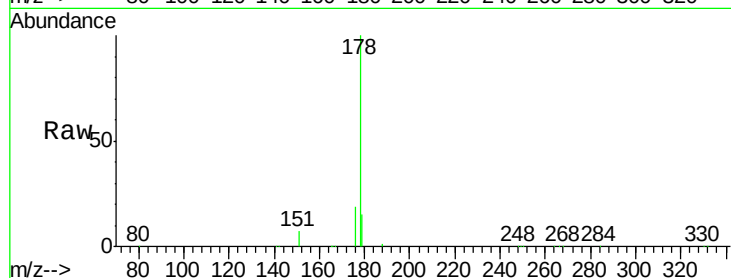
Tgt Ion:178 Resp: 34903

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

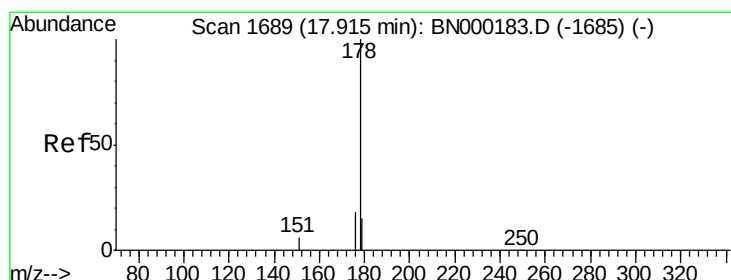
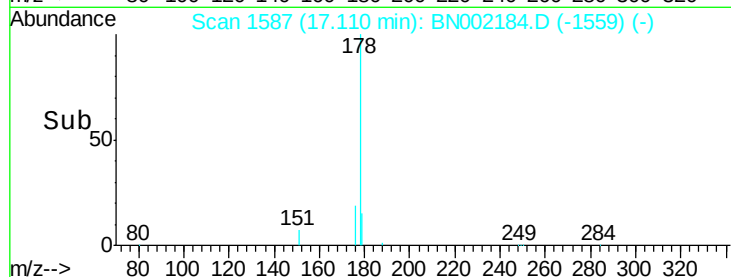
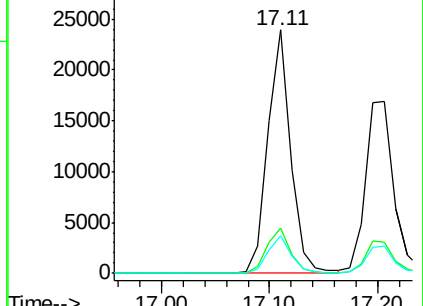
179 15.2 11.8 17.6



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: 0.648 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

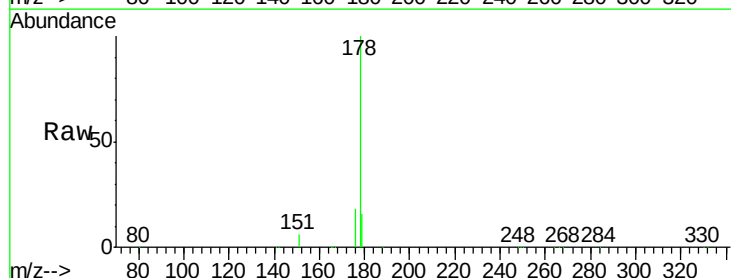
Tgt Ion:178 Resp: 29875

Ion Ratio Lower Upper

178 100

176 18.2 12.8 19.2

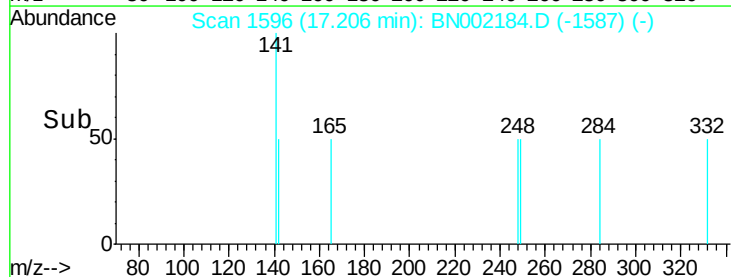
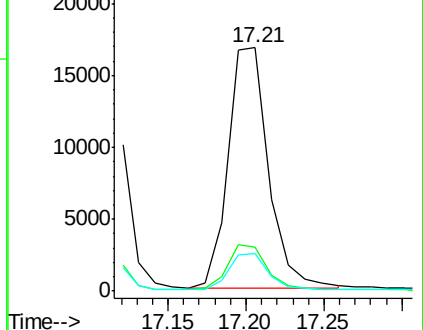
179 15.1 13.0 19.6

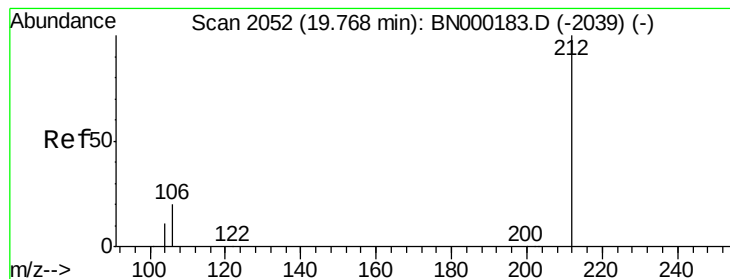


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.762 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

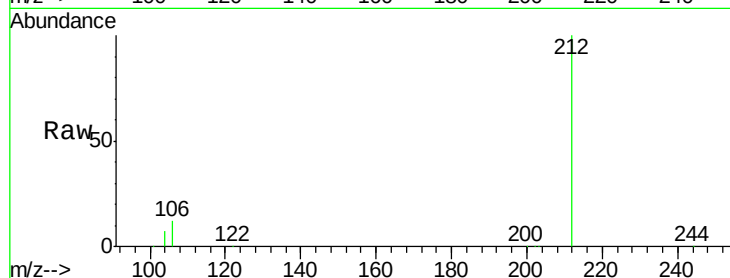
Tgt Ion:212 Resp: 35202

Ion Ratio Lower Upper

212 100

106 11.5 2.8 4.2#

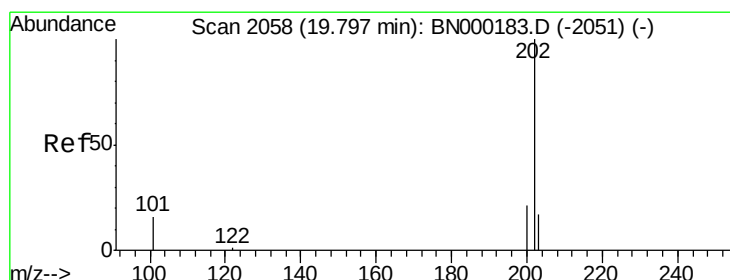
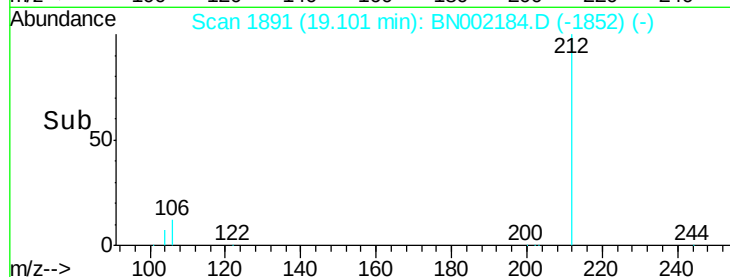
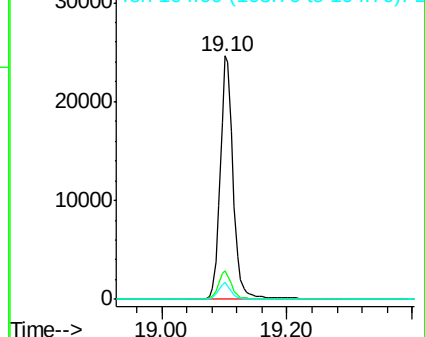
104 6.4 1.6 2.4#



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: 0.625 ng

RT: 19.14 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

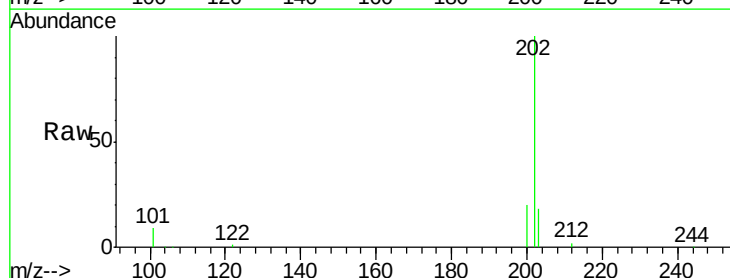
Tgt Ion:202 Resp: 39452

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8#

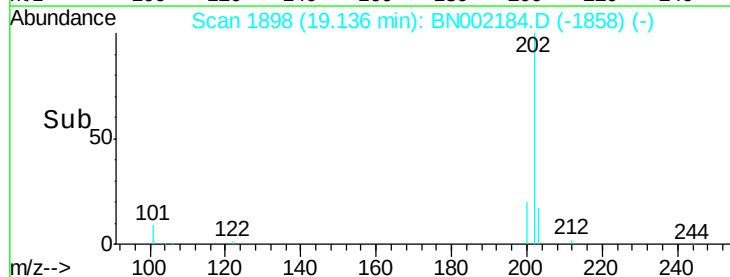
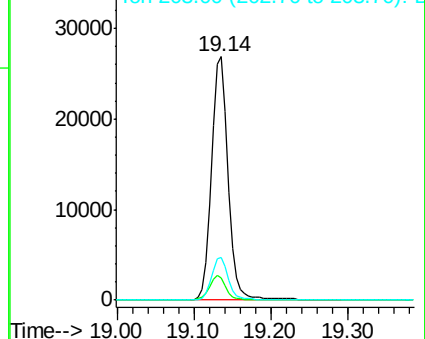
203 17.1 13.7 20.5

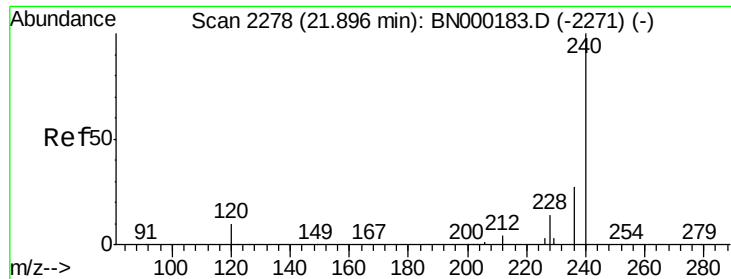


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

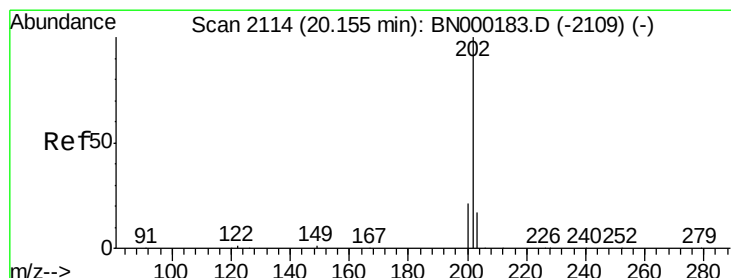
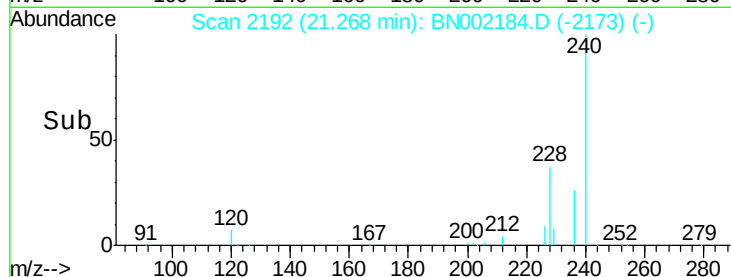
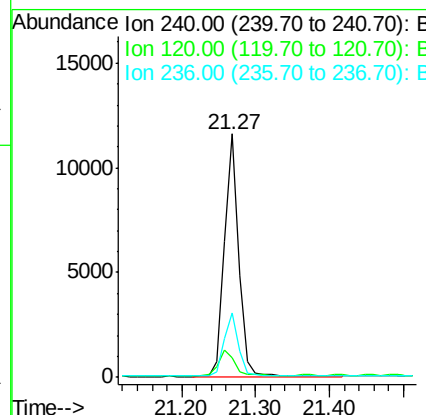
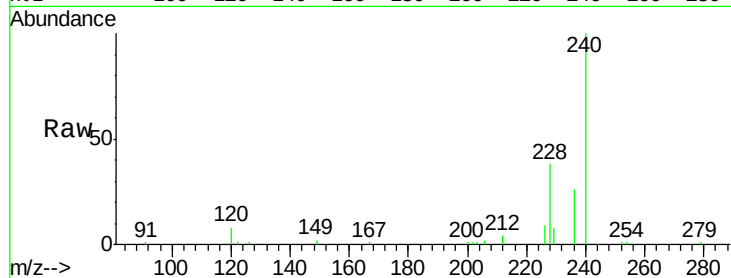




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BN002184.D
 Acq: 30 Jul 2018 13:22

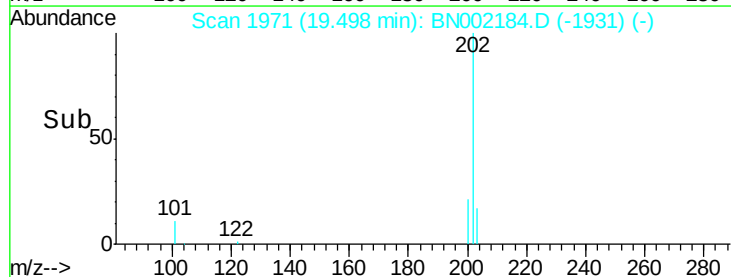
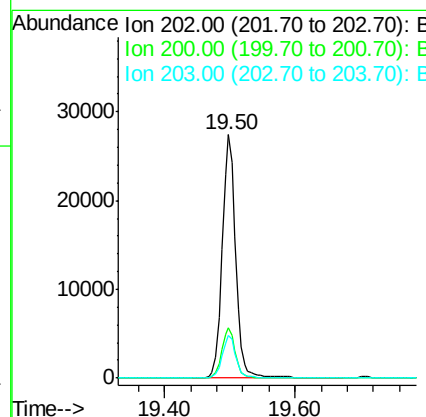
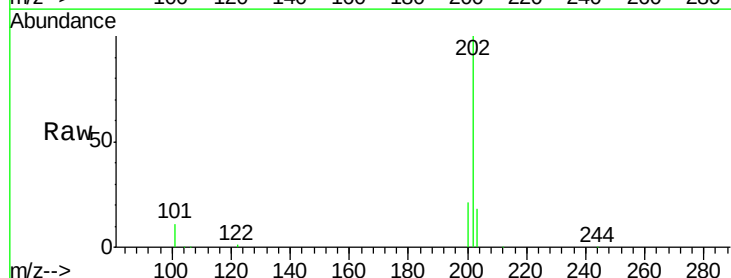
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

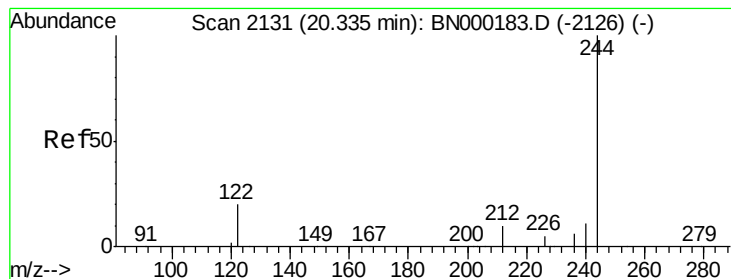
Tgt Ion:240 Resp: 15779
 Ion Ratio Lower Upper
 240 100
 120 7.8 5.5 8.3
 236 26.3 20.7 31.1



#28
 Pyrene
 Concen: 0.629 ng
 RT: 19.50 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BN002184.D
 Acq: 30 Jul 2018 13:22

Tgt Ion:202 Resp: 38986
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.6 25.0
 203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 1.012 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

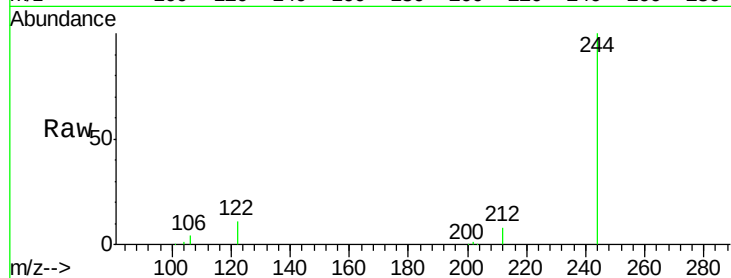
Tgt Ion:244 Resp: 28048

Ion Ratio Lower Upper

244 100

212 7.8 25.4 38.0#

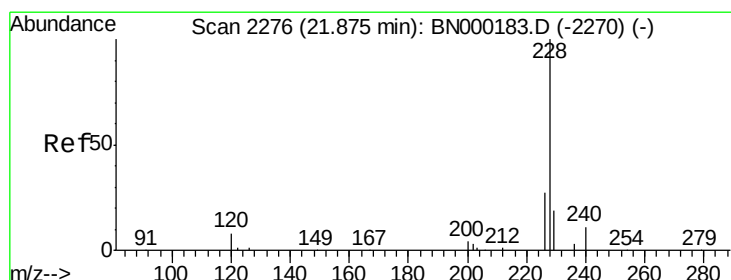
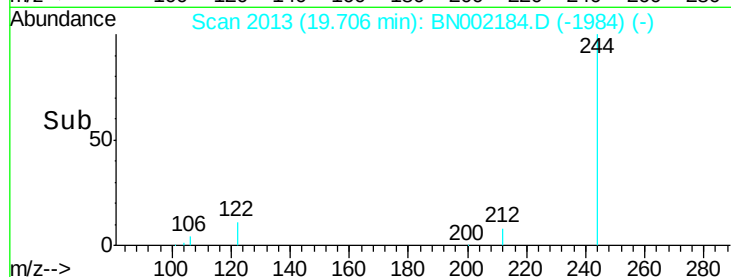
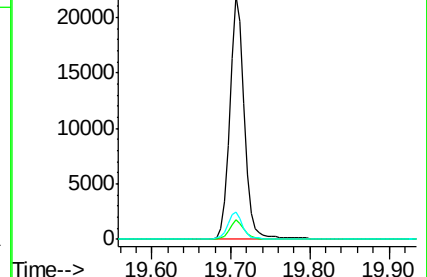
122 11.1 8.1 12.1



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: 0.653 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

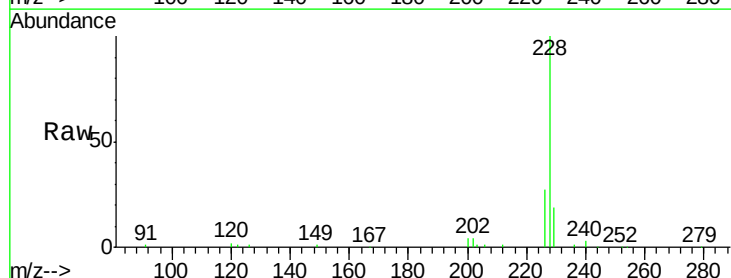
Tgt Ion:228 Resp: 32448

Ion Ratio Lower Upper

228 100

226 27.3 24.0 36.0

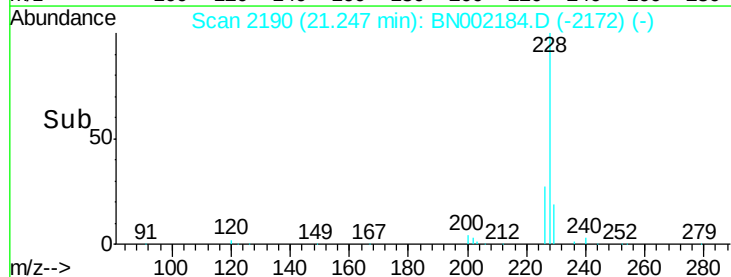
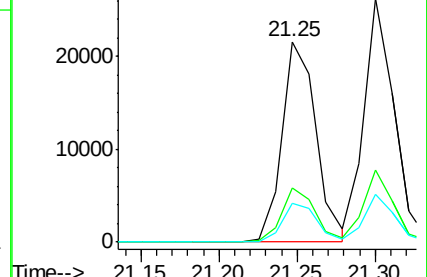
229 19.3 16.0 24.0

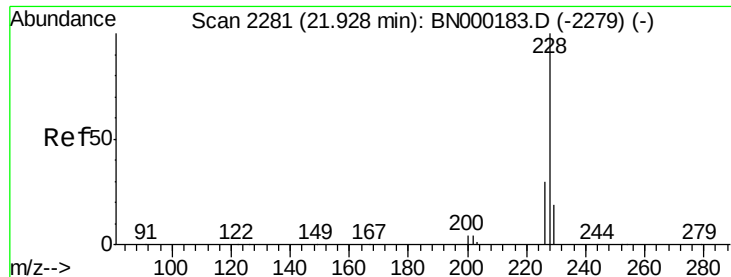


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.600 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

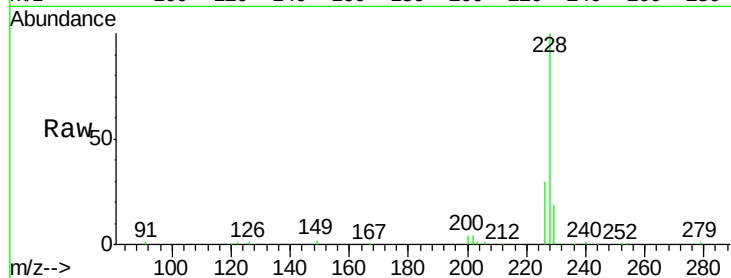
Tgt Ion:228 Resp: 34848

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

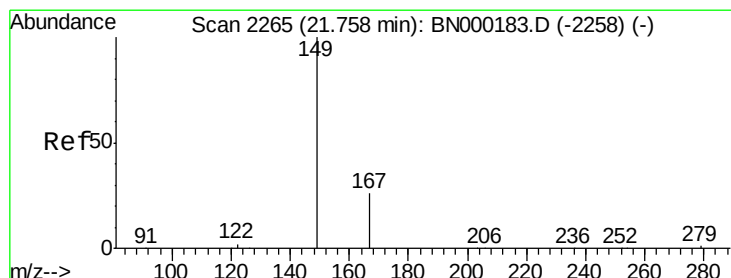
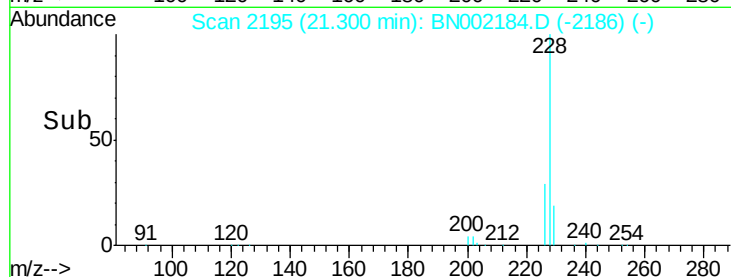
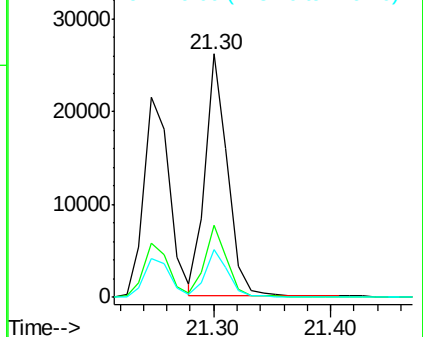
229 19.4 16.0 24.0



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: 0.786 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

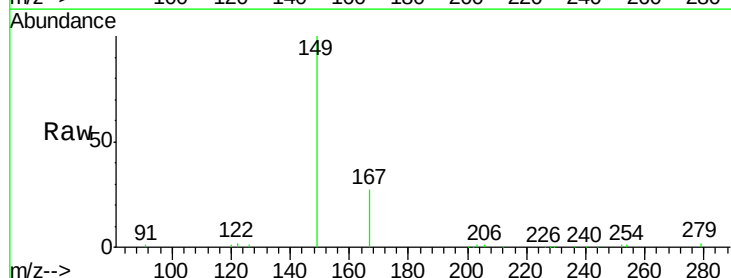
Tgt Ion:149 Resp: 14534

Ion Ratio Lower Upper

149 100

167 27.8 20.0 30.0

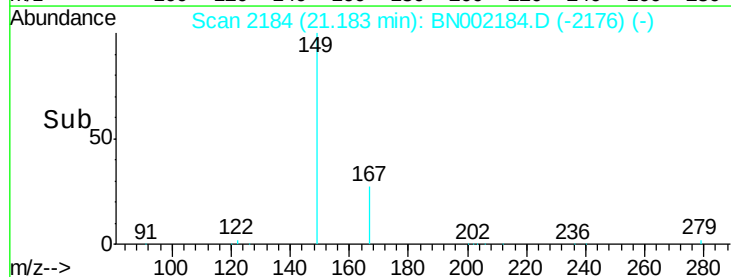
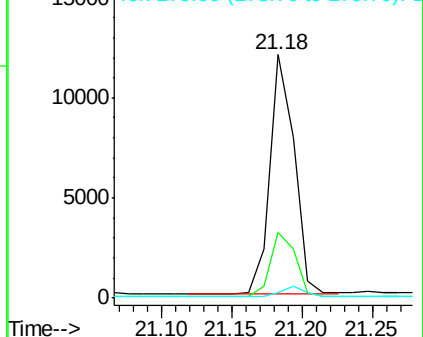
279 4.4 1.6 2.4#

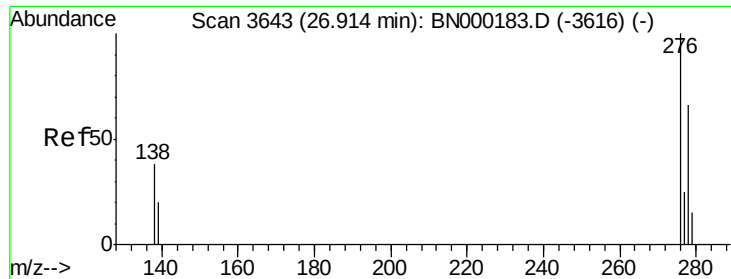


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.554 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

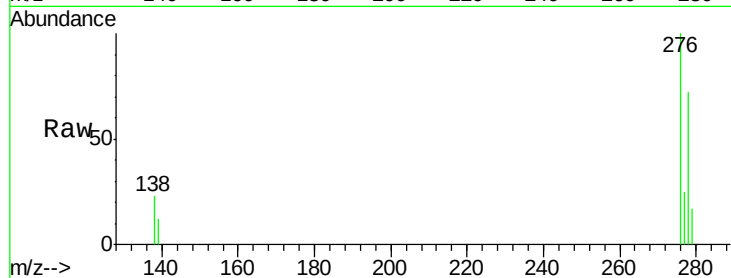
Tgt Ion:276 Resp: 30062

Ion Ratio Lower Upper

276 100

138 22.5 22.5 33.7#

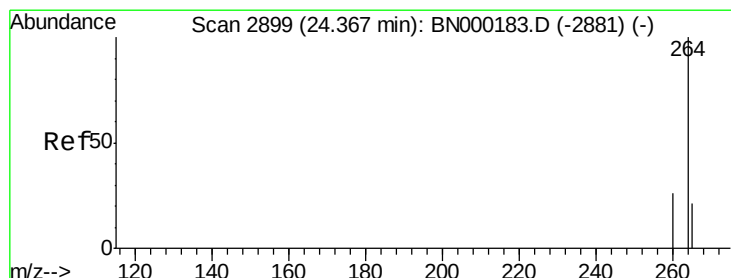
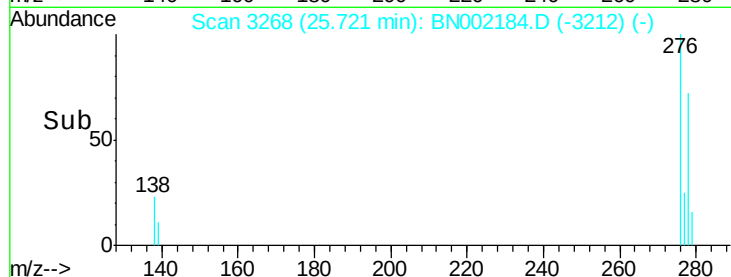
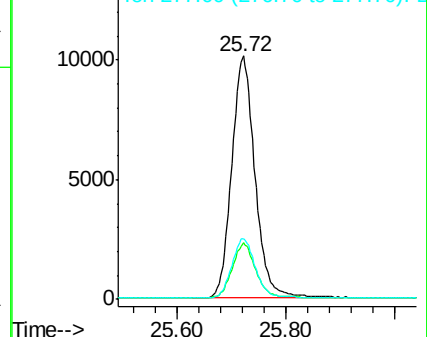
277 24.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2618

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

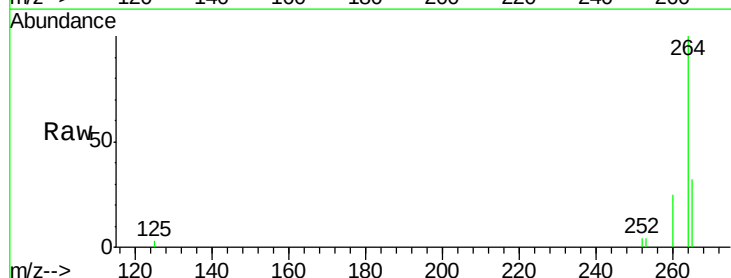
Tgt Ion:264 Resp: 12338

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

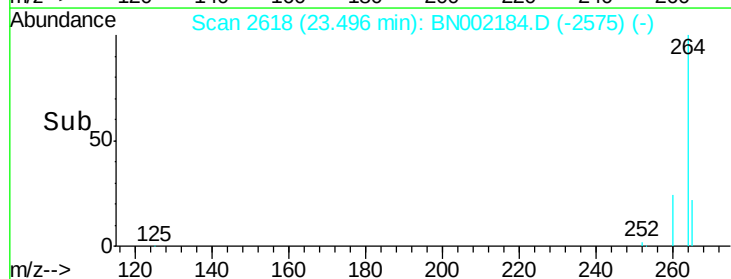
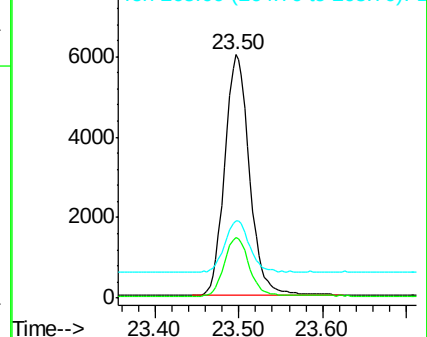
265 31.6 22.8 34.2

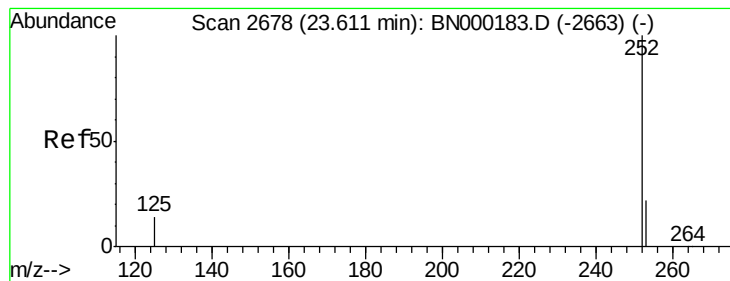


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.511 ng

RT: 22.83 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

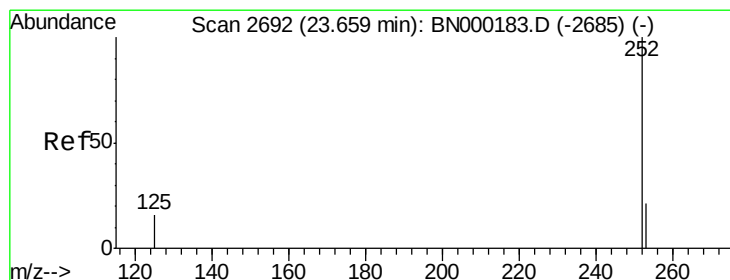
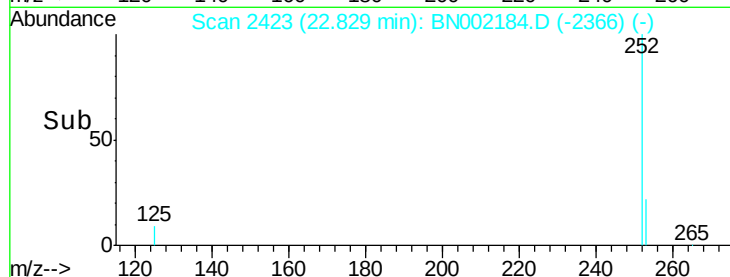
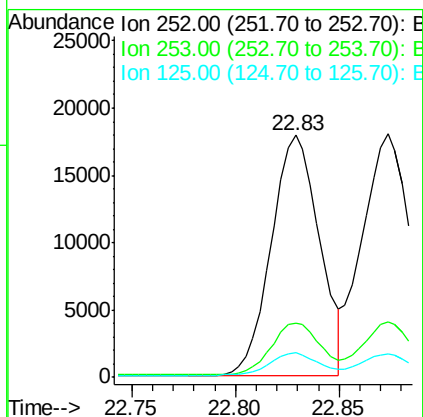
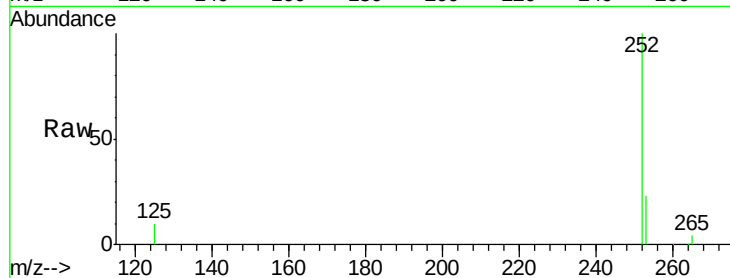
Tgt Ion:252 Resp: 28779

Ion Ratio Lower Upper

252 100

253 22.5 20.0 30.0

125 10.1 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.557 ng

RT: 22.87 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

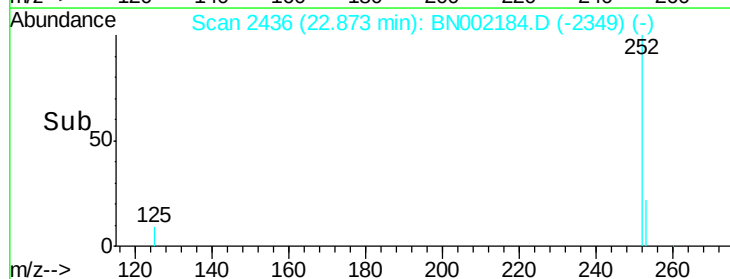
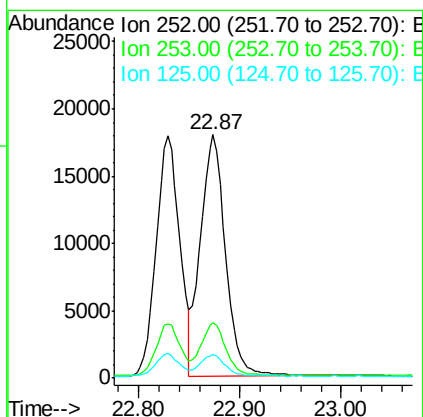
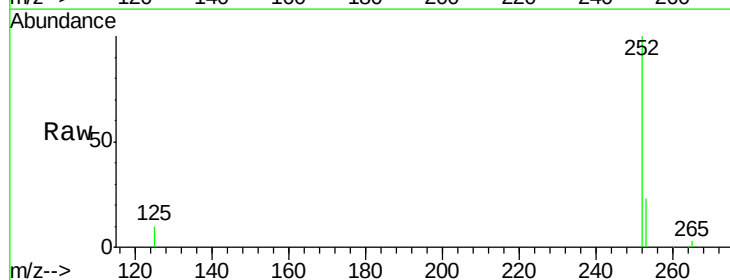
Tgt Ion:252 Resp: 30686

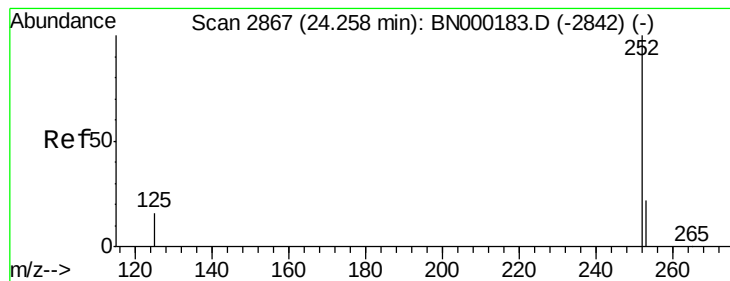
Ion Ratio Lower Upper

252 100

253 22.6 16.0 24.0

125 9.6 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.574 ng

RT: 23.40 min Scan# 2589

Delta R.T. -0.00 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

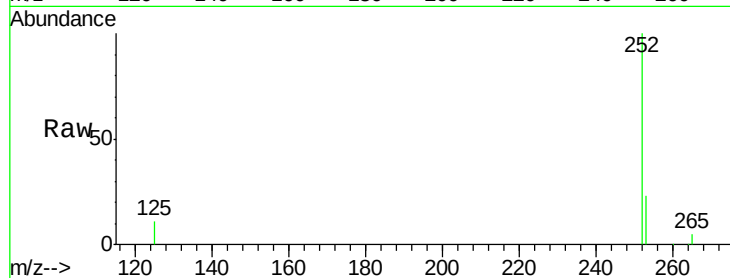
Tgt Ion:252 Resp: 26325

Ion Ratio Lower Upper

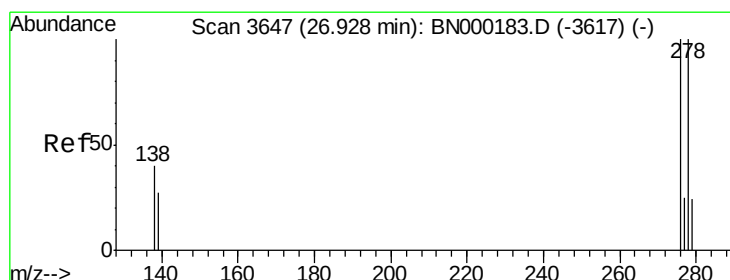
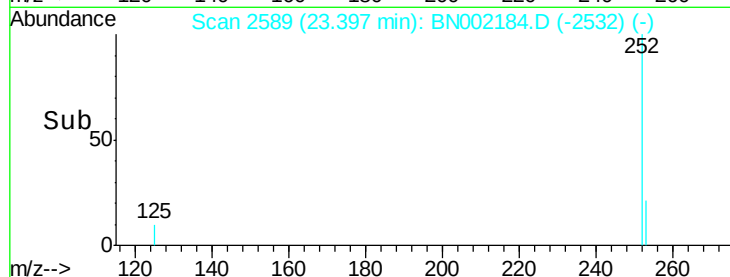
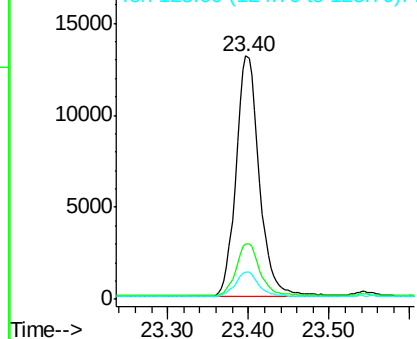
252 100

253 22.7 16.0 24.0

125 11.3 12.0 18.0#



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: 0.611 ng

RT: 25.73 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN002184.D

Acq: 30 Jul 2018 13:22

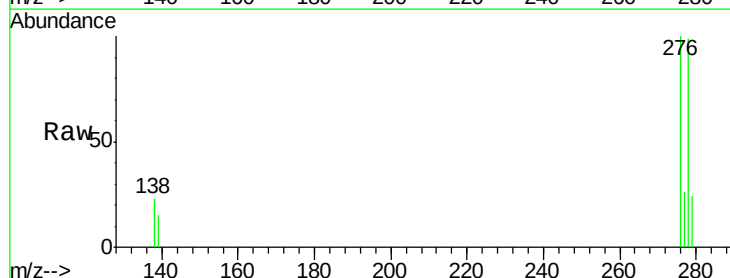
Tgt Ion:278 Resp: 24957

Ion Ratio Lower Upper

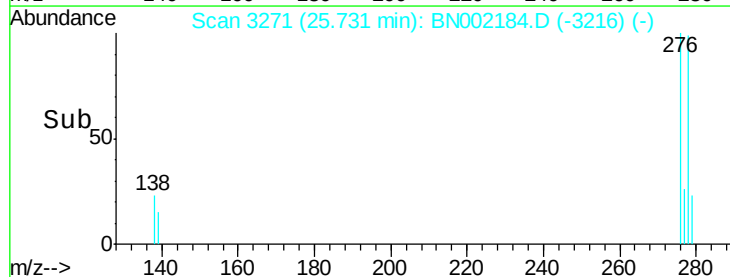
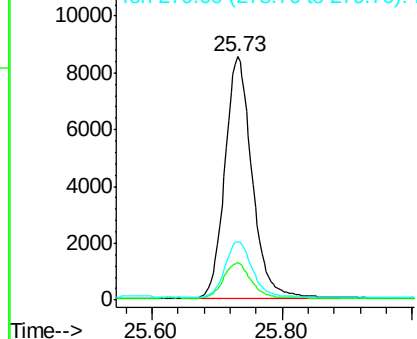
278 100

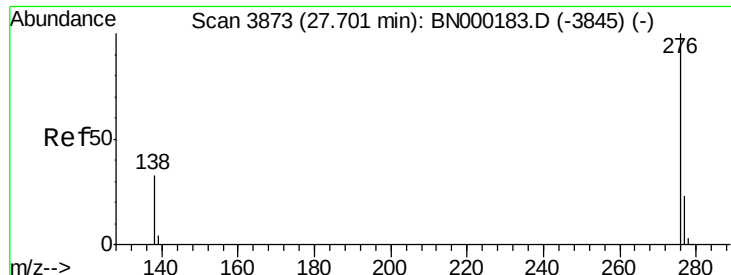
139 15.4 16.0 24.0#

279 24.1 20.0 30.0



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: 0.524 ng

RT: 26.40 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BN002184.D

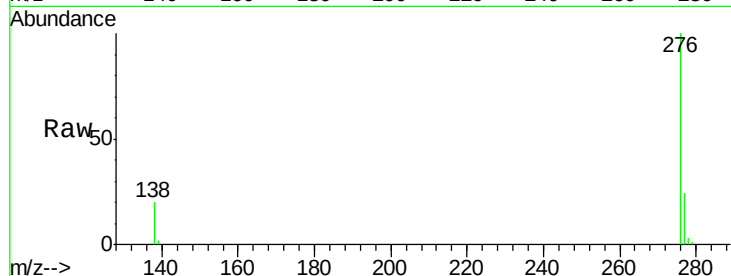
Acq: 30 Jul 2018 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8



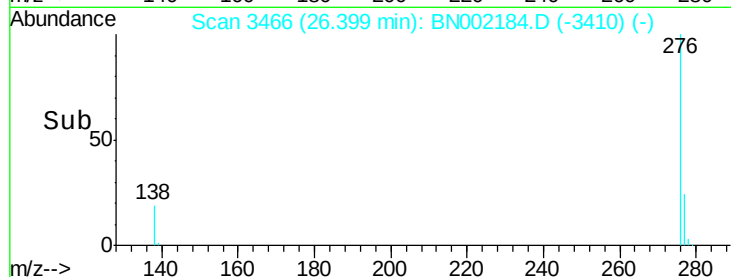
Tgt Ion: 276 Resp: 25279

Ion Ratio Lower Upper

276 100

277 24.3 16.0 24.0#

138 19.7 20.0 30.0#



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

