

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
 Data File : BN000214.D
 Acq On : 01 Mar 2018 13:19
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 01 16:58:28 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	5073	0.40	ng	-0.01
7) Naphthalene-d8	11.29	136	19355	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10213	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	23449	0.40	ng	0.00
27) Chrysene-d12	21.89	240	20366	0.40	ng	0.00
34) Perylene-d12	24.38	264	16250	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	4287	0.40	ng	-0.02
5) Phenol-d6	7.57	99	5289	0.39	ng	0.00
8) Nitrobenzene-d5	9.62	82	4370	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.85	152	11995	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.54	330	1188	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	19021	0.39	ng	0.00
25) Fluoranthene-d10	19.78	212	22954	0.37	ng	0.00
29) Terphenyl-d14	20.34	244	14400	0.40	ng	0.00

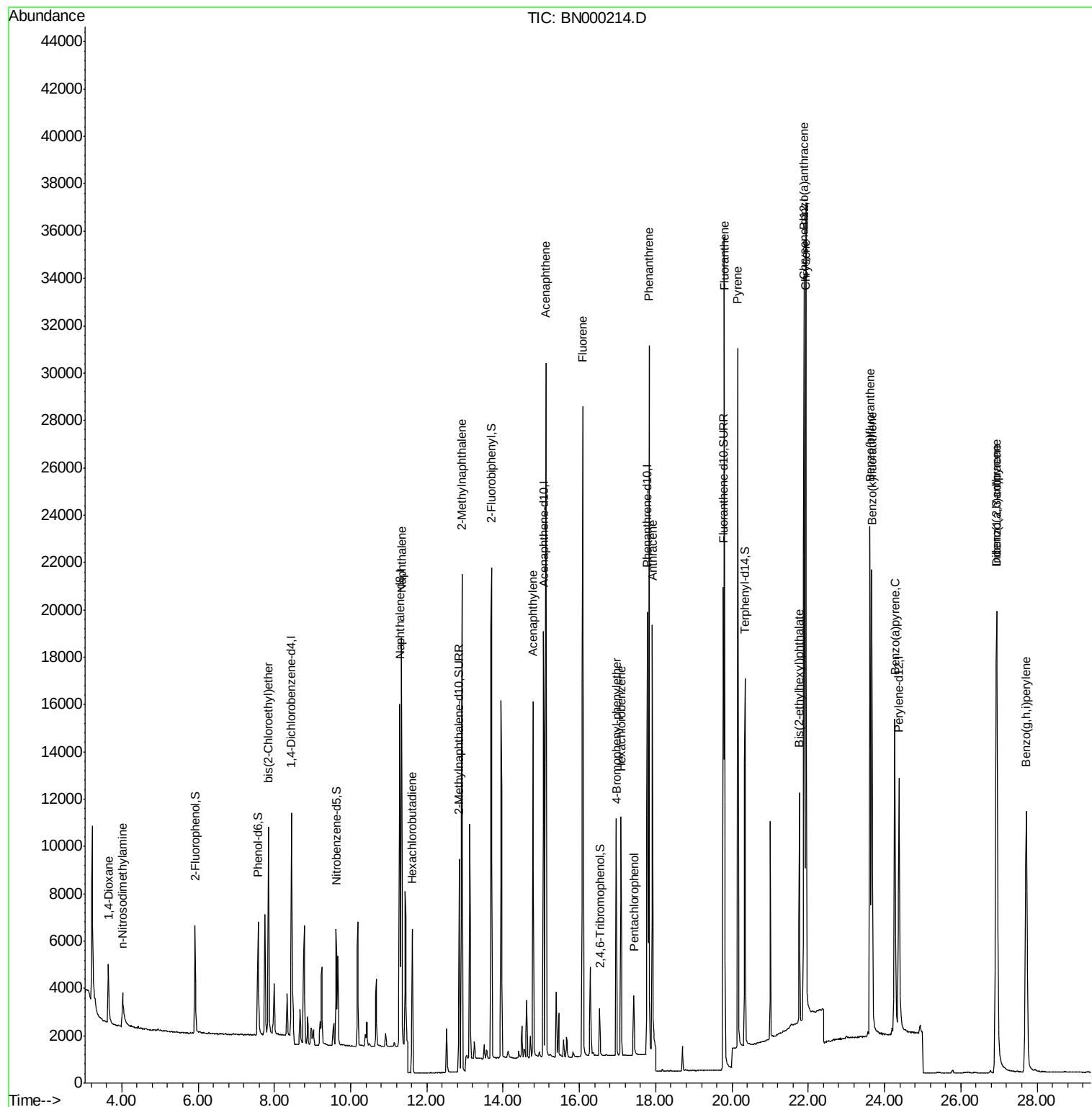
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	2278	0.433	ng	92
3) n-Nitrosodimethylamine	4.02	42	1487	0.416	ng	97
6) bis(2-Chloroethyl)ether	7.85	93	7058	0.408	ng	98
9) Naphthalene	11.34	128	22982	0.406	ng	97
10) Hexachlorobutadiene	11.62	225	3916	0.408	ng	97
12) 2-Methylnaphthalene	12.92	142	14971	0.404	ng	99
16) Acenaphthylene	14.79	152	16831	0.350	ng	99
17) Acenaphthene	15.12	154	14473	0.381	ng	97
18) Fluorene	16.09	166	17979	0.380	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	4955	0.367	ng	# 81
21) Hexachlorobenzene	17.09	284	6797	0.376	ng	96
22) Pentachlorophenol	17.43	266	1426	0.347	ng	98
23) Phenanthrene	17.82	178	30943	0.375	ng	99
24) Anthracene	17.91	178	22077	0.353	ng	96
26) Fluoranthene	19.80	202	30774	0.360	ng	# 96
28) Pyrene	20.15	202	31312	0.392	ng	99
30) Benzo(a)anthracene	21.88	228	22905	0.357	ng	97
31) Chrysene	21.94	228	29523	0.394	ng	100
32) Bis(2-ethylhexyl)phthalate	21.77	149	8547	0.358	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.93	276	25555	0.365	ng	# 89
35) Benzo(b)fluoranthene	23.62	252	28137	0.379	ng	96
36) Benzo(k)fluoranthene	23.67	252	27204	0.375	ng	# 88
37) Benzo(a)pyrene	24.27	252	22152	0.367	ng	# 89
38) Dibenzo(a,h)anthracene	26.94	278	20093	0.373	ng	# 91
39) Benzo(g,h,i)perylene	27.71	276	24200	0.381	ng	# 86

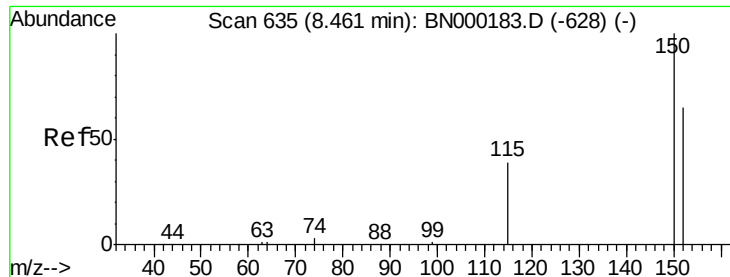
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.45 min Scan# 673

Delta R.T. -0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

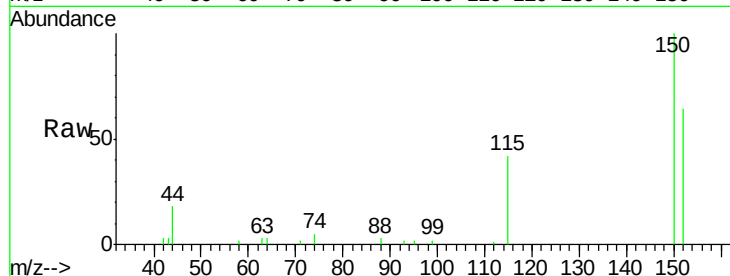
Tgt Ion:152 Resp: 5073

Ion Ratio Lower Upper

152 100

150 155.7 117.2 175.8

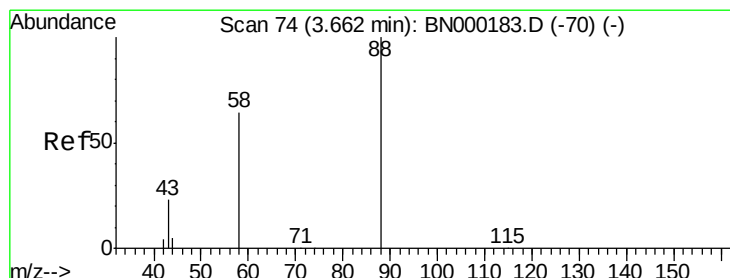
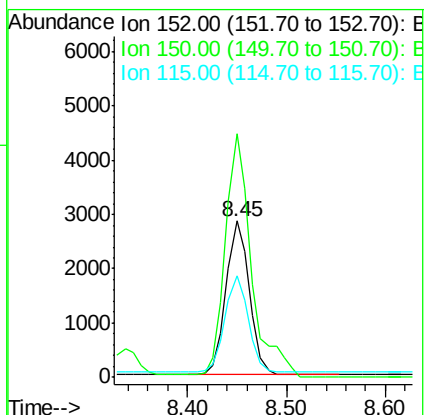
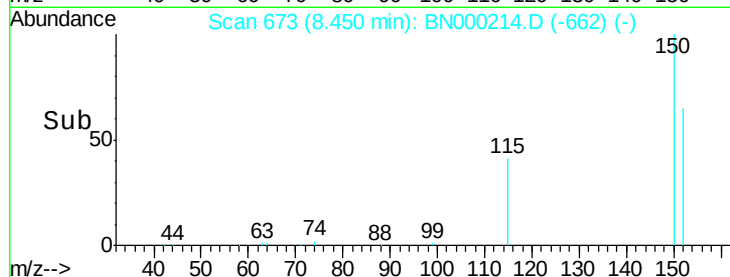
115 65.3 57.0 85.6



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: 0.433 ng

RT: 3.65 min Scan# 77

Delta R.T. -0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

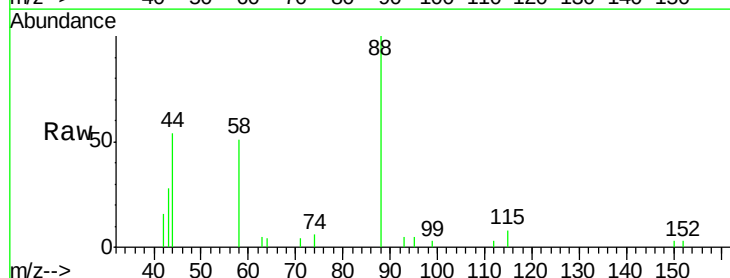
Tgt Ion: 88 Resp: 2278

Ion Ratio Lower Upper

88 100

58 66.6 48.0 72.0

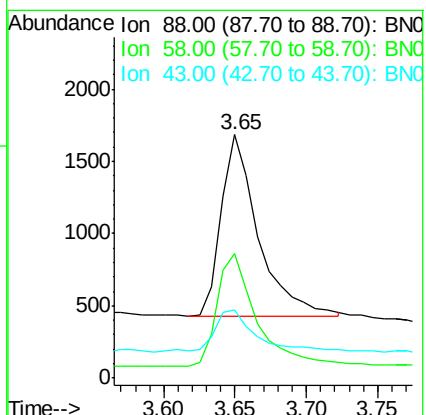
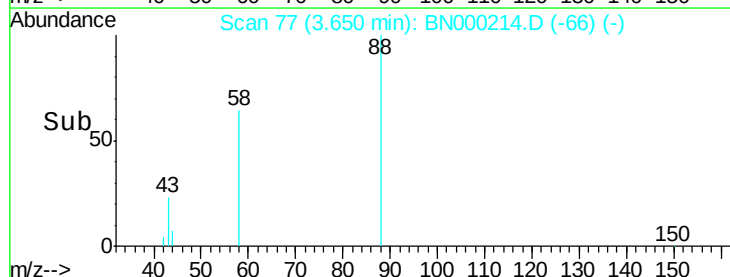
43 27.6 20.0 30.0

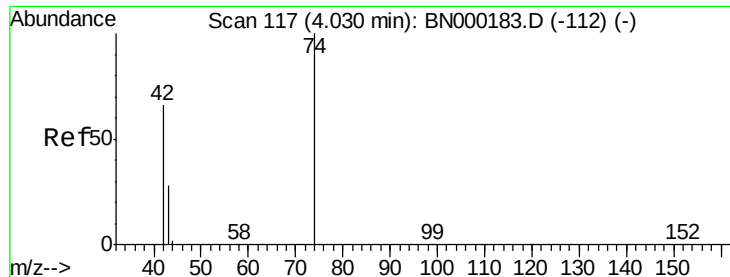


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



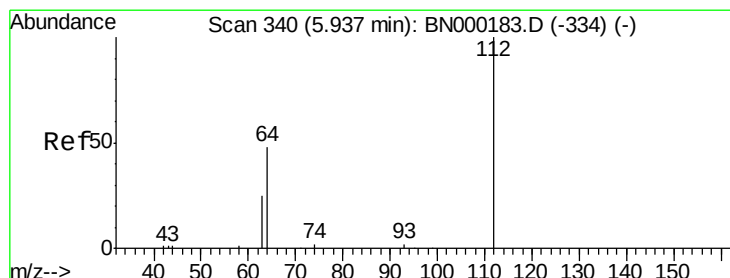
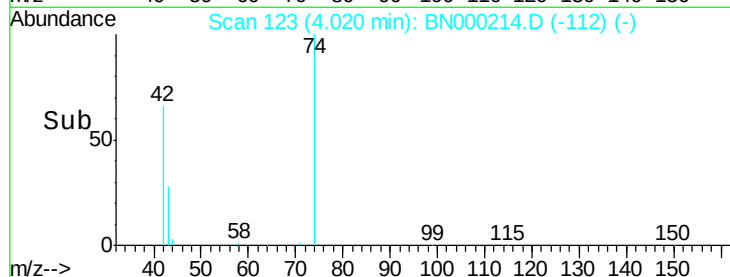
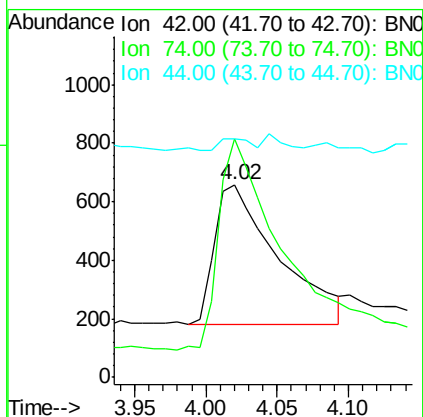
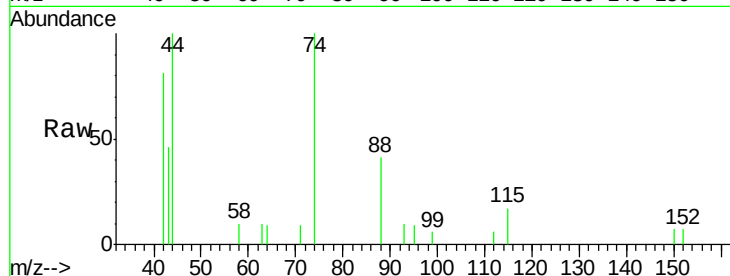


#3

n-Nitrosodimethylamine
 Concen: 0.416 ng
 RT: 4.02 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BN000214.D
 Acq: 01 Mar 2018 13:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

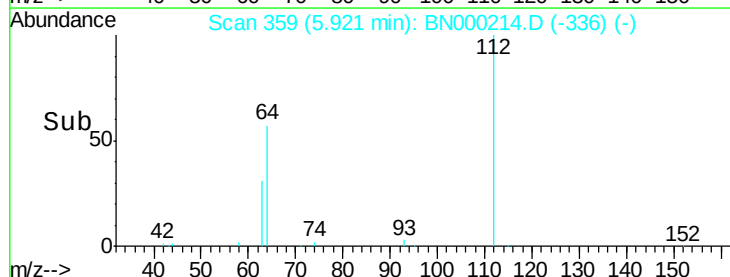
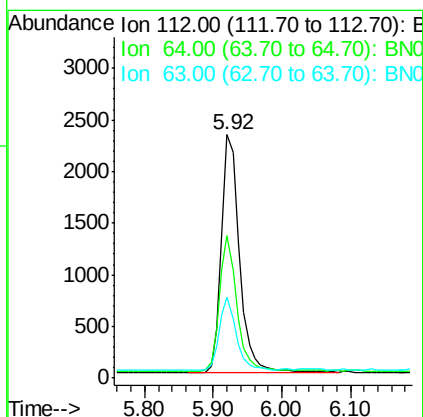
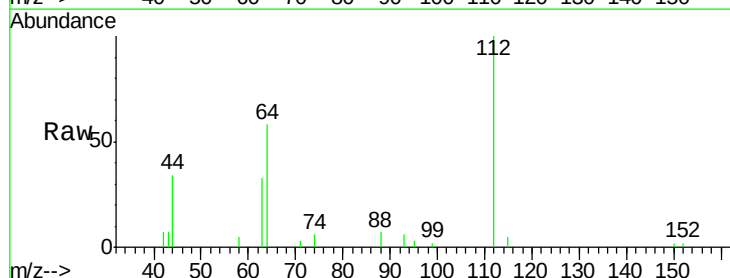
Tgt Ion: 42 Resp: 1487
 Ion Ratio Lower Upper
 42 100
 74 146.6 120.0 180.0
 44 4.3 4.0 6.0

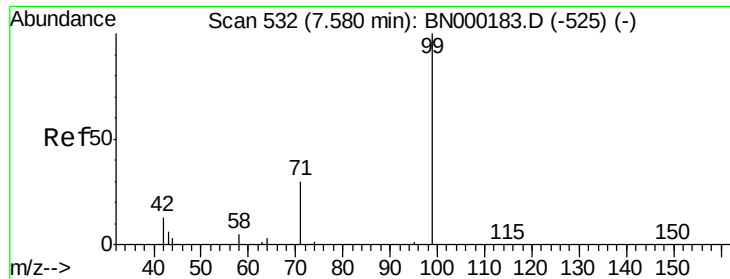


#4

2-Fluorophenol
 Concen: 0.400 ng
 RT: 5.92 min Scan# 359
 Delta R.T. -0.02 min
 Lab File: BN000214.D
 Acq: 01 Mar 2018 13:19

Tgt Ion: 112 Resp: 4287
 Ion Ratio Lower Upper
 112 100
 64 54.2 60.1 90.1#
 63 29.0 116.8 175.2#





#5

Phenol-d6

Concen: 0.389 ng

RT: 7.57 min Scan# 564

Delta R.T. -0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

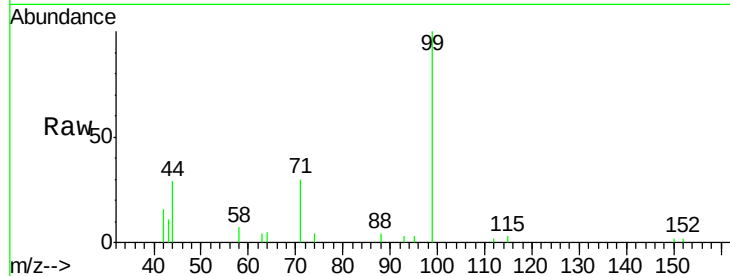
Tgt Ion: 99 Resp: 5289

Ion Ratio Lower Upper

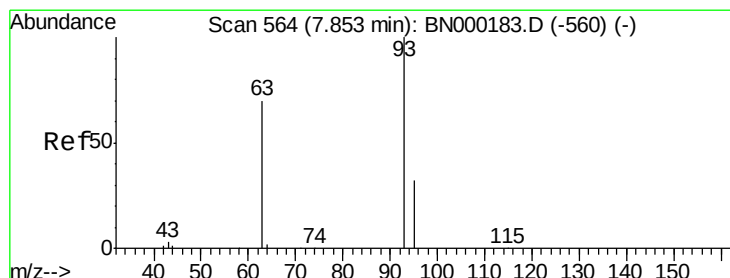
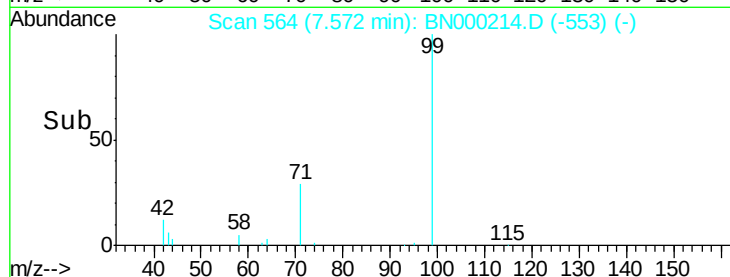
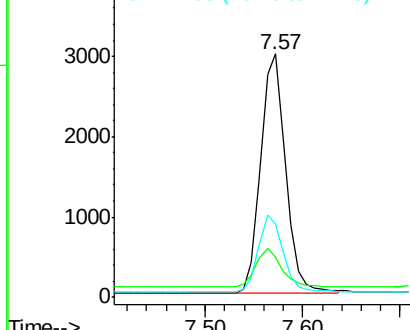
99 100

42 16.3 20.2 30.2#

71 32.1 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.408 ng

RT: 7.85 min Scan# 598

Delta R.T. -0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

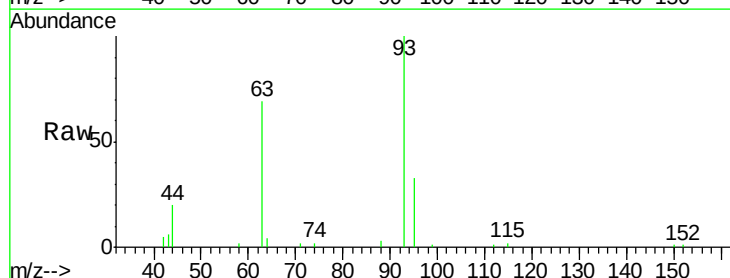
Tgt Ion: 93 Resp: 7058

Ion Ratio Lower Upper

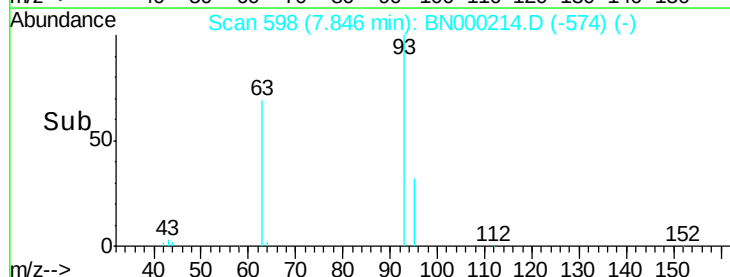
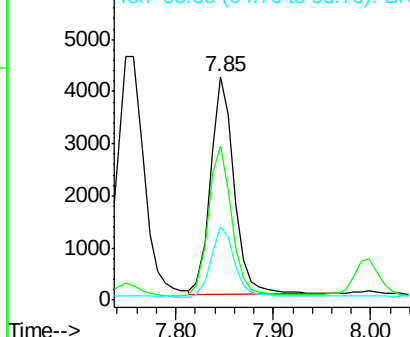
93 100

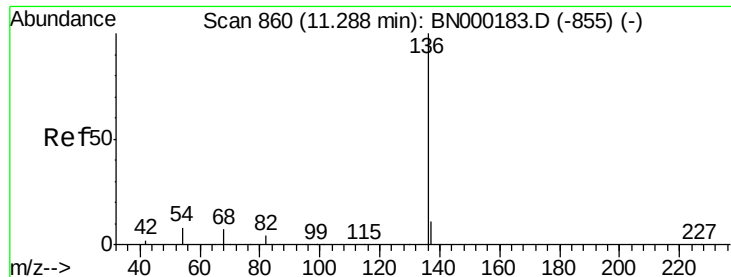
63 68.7 56.0 84.0

95 32.3 25.2 37.8



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: 11.29 min Scan# 900

Delta R.T. 0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 19355

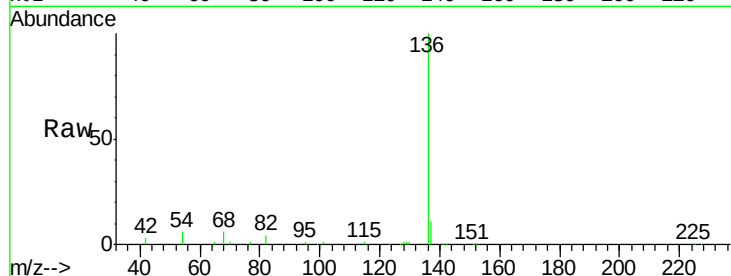
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 6.4 29.1 43.7#

68 6.0 6.2 9.2#

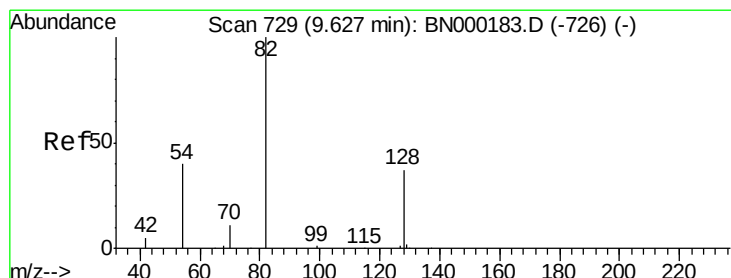
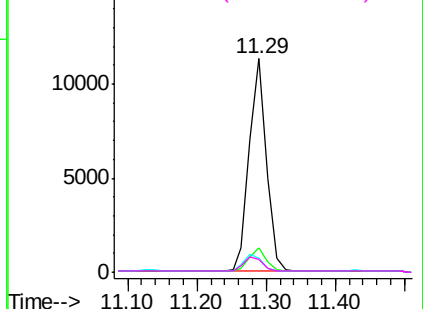
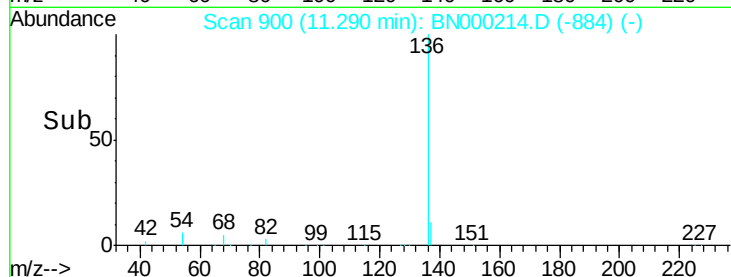


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

RT: 9.62 min Scan# 768

Delta R.T. -0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

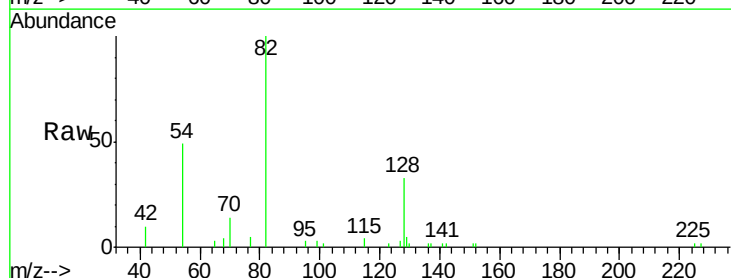
Tgt Ion: 82 Resp: 4370

Ion Ratio Lower Upper

82 100

128 32.6 150.0 225.0#

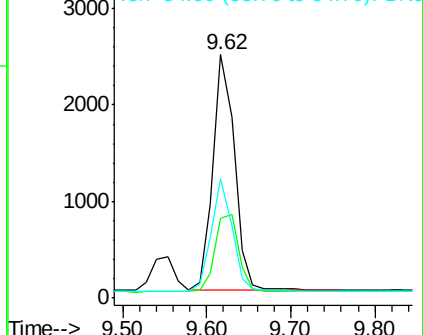
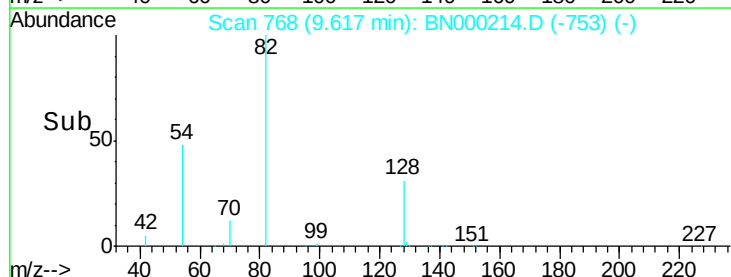
54 49.0 154.2 231.4#

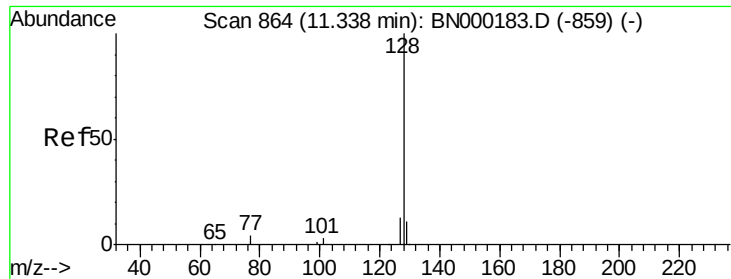


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.406 ng

RT: 11.34 min Scan# 904

Delta R.T. 0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

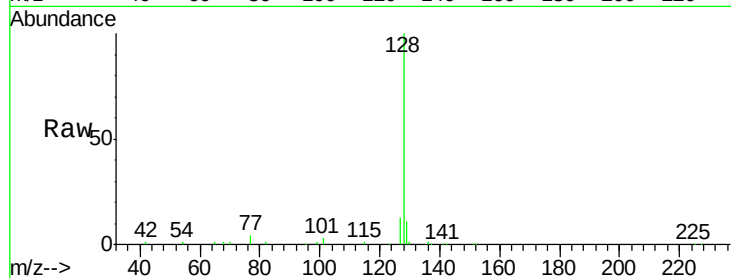
Tgt Ion:128 Resp: 22982

Ion Ratio Lower Upper

128 100

129 11.3 8.0 12.0

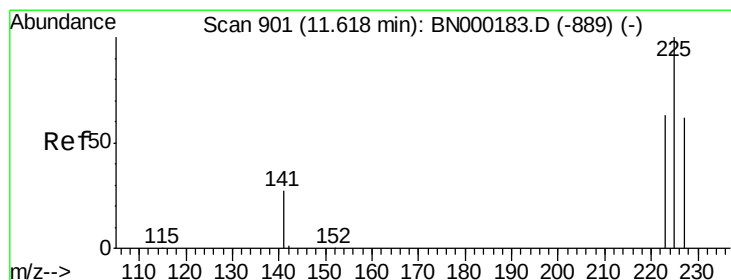
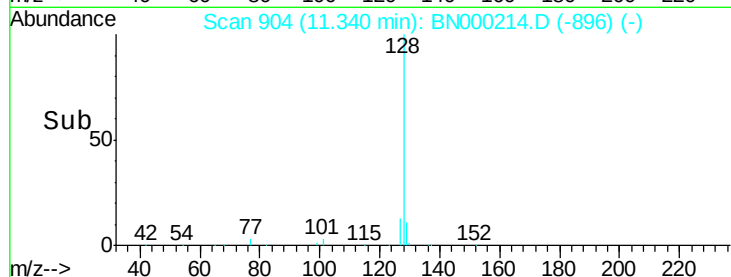
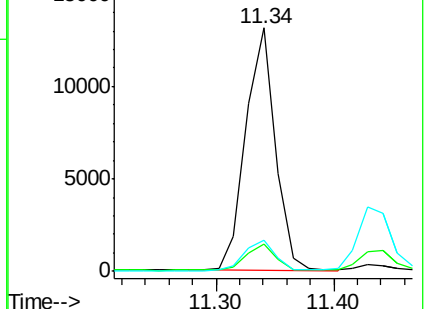
127 12.9 9.6 14.4



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: 0.408 ng

RT: 11.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

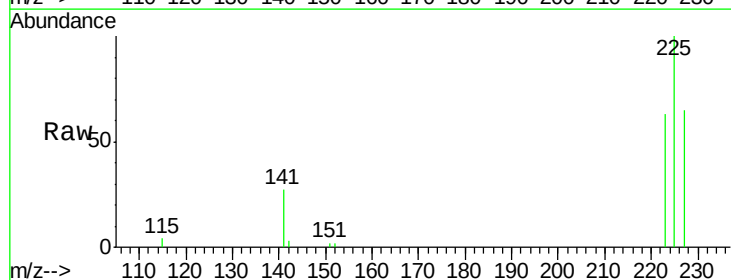
Tgt Ion:225 Resp: 3916

Ion Ratio Lower Upper

225 100

223 62.4 53.0 79.6

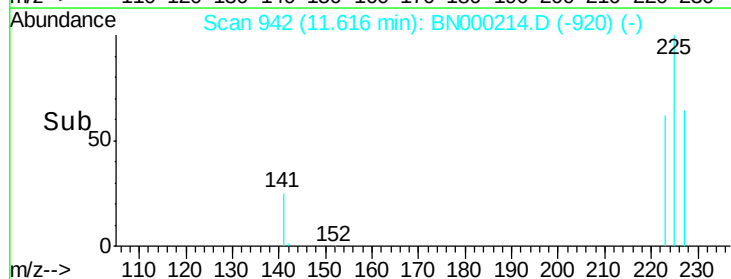
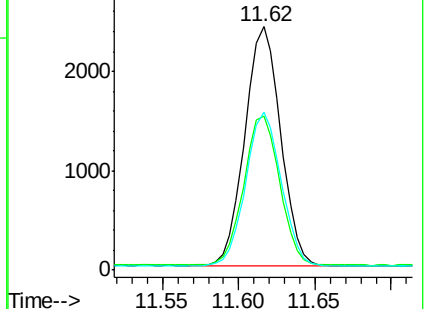
227 63.7 51.4 77.2

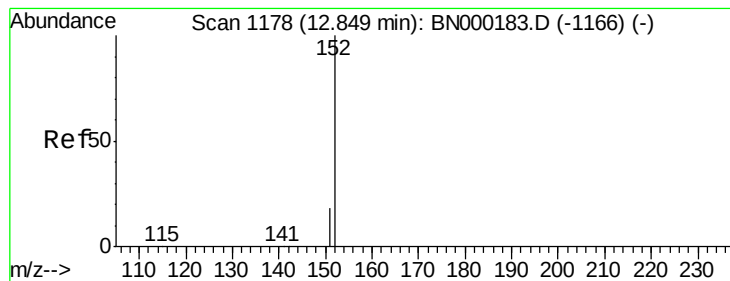


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.412 ng

RT: 12.85 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

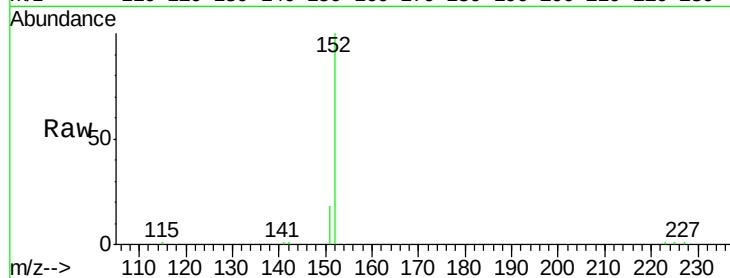
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11995

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

8000

6000

4000

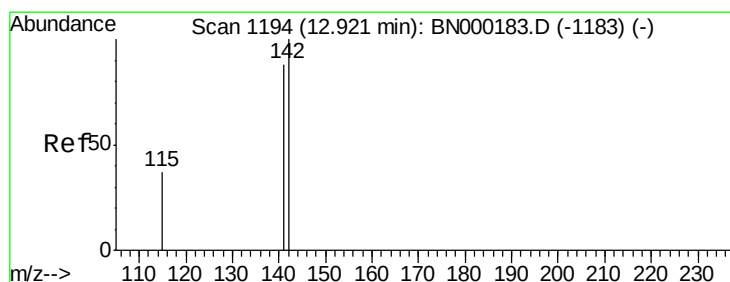
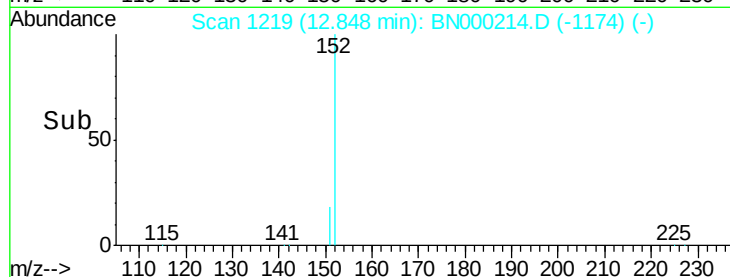
2000

0

12.85

12.80 12.90 13.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.404 ng

RT: 12.92 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

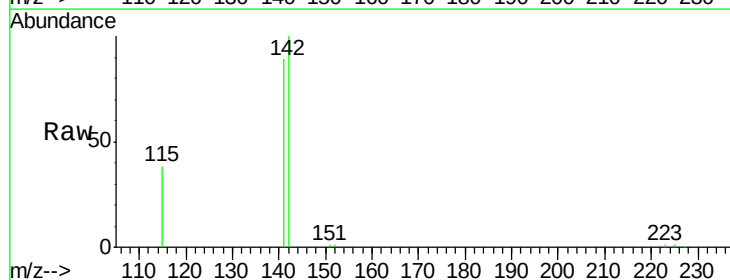
Tgt Ion:142 Resp: 14971

Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6

115 38.2 31.7 47.5



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

12000

10000

8000

6000

4000

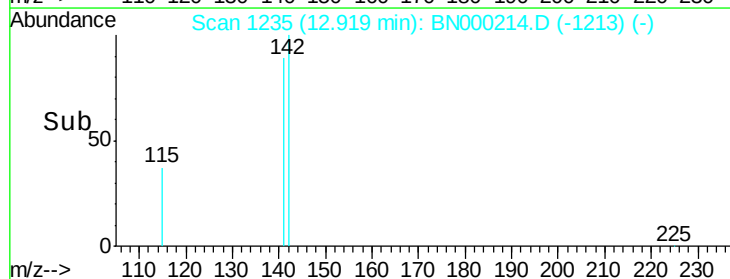
2000

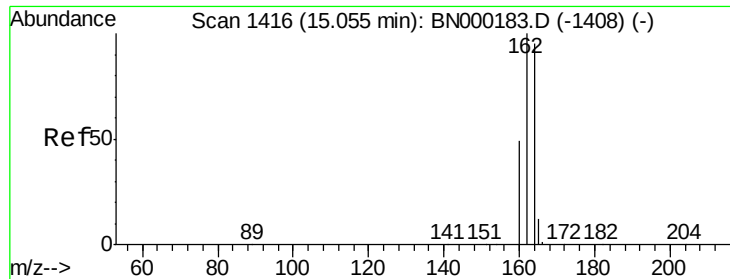
0

12.92

12.90 13.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

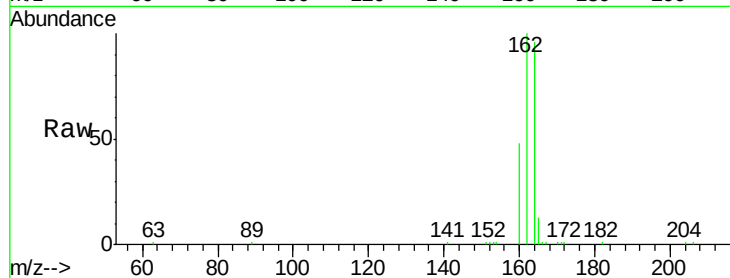
Tgt Ion:164 Resp: 10213

Ion Ratio Lower Upper

164 100

162 103.9 83.1 124.7

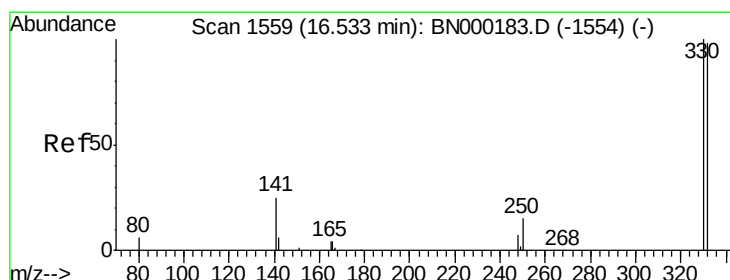
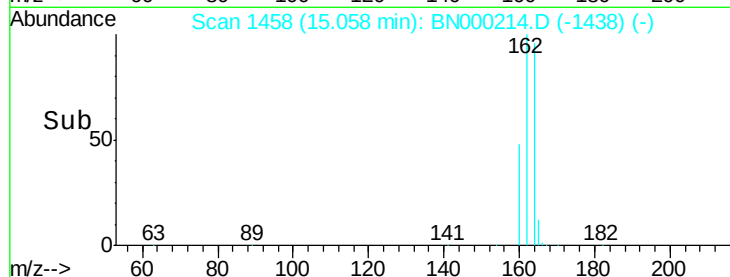
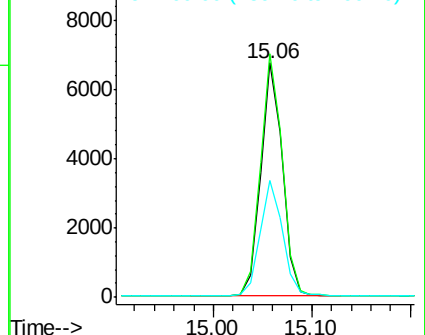
160 50.1 37.1 55.7



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: 0.366 ng

RT: 16.54 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

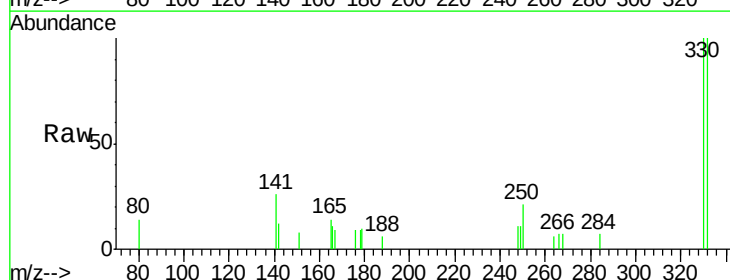
Tgt Ion:330 Resp: 1188

Ion Ratio Lower Upper

330 100

332 96.5 152.7 229.1#

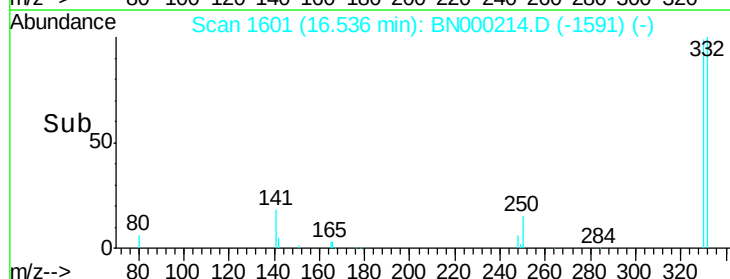
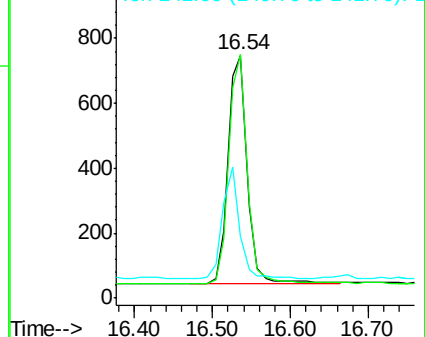
141 45.1 33.7 50.5

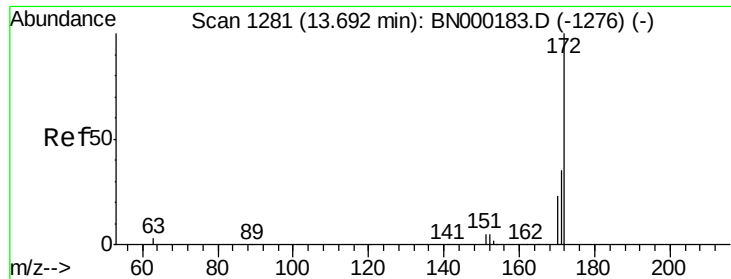


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

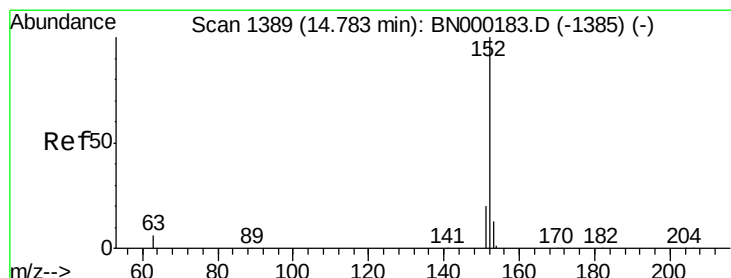
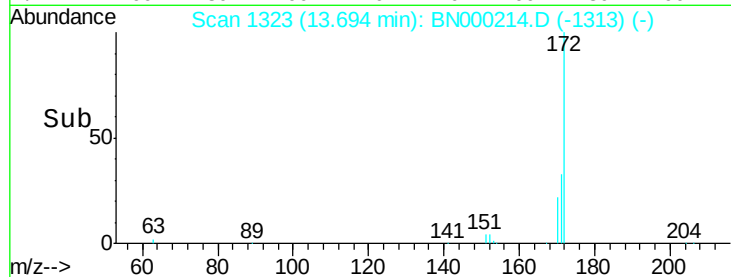
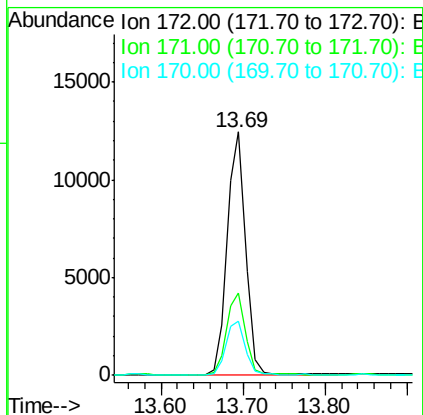
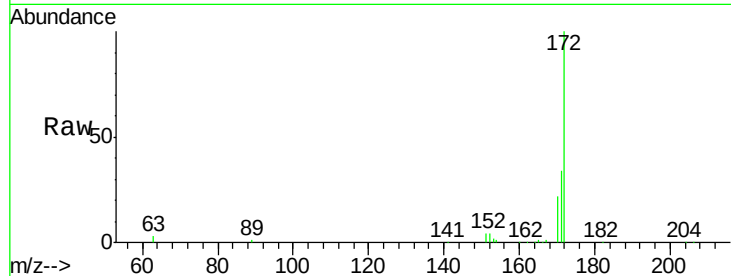




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.69 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN000214.D
Acq: 01 Mar 2018 13:19

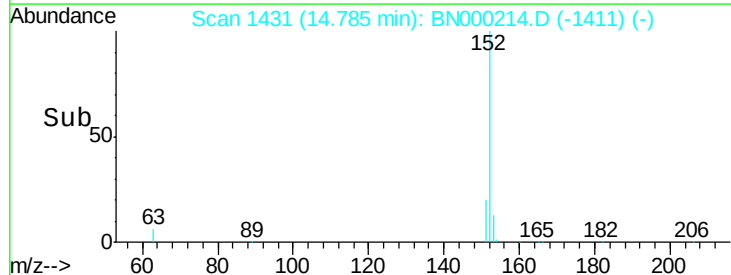
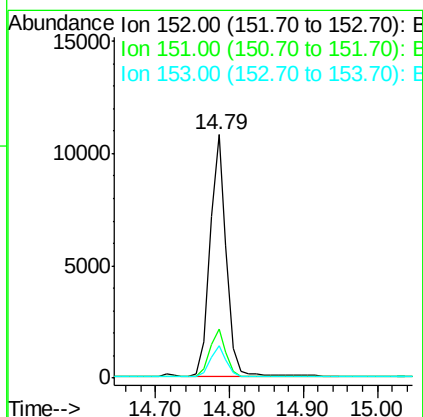
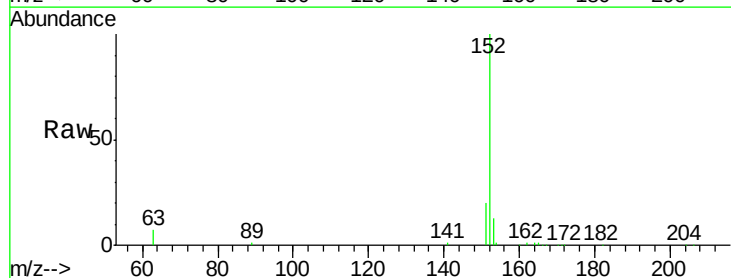
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

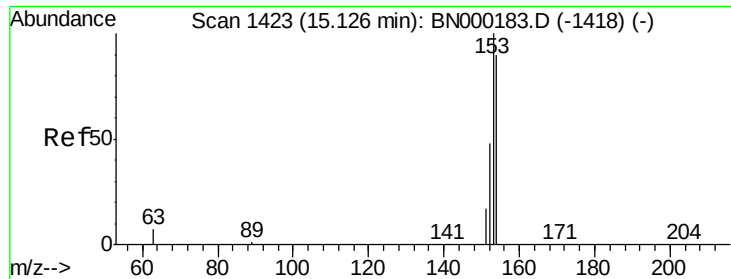
Tgt Ion:172 Resp: 19021
Ion Ratio Lower Upper
172 100
171 33.7 29.9 44.9
170 22.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.350 ng
RT: 14.79 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN000214.D
Acq: 01 Mar 2018 13:19

Tgt Ion:152 Resp: 16831
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.381 ng

RT: 15.12 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

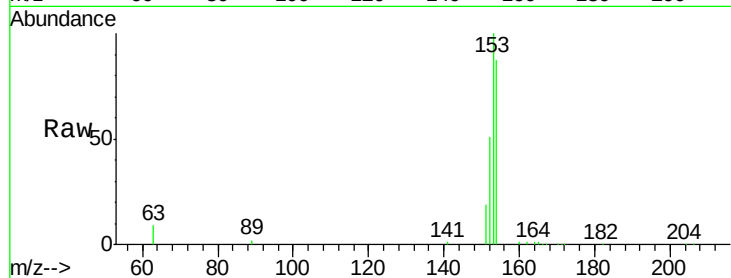
Tgt Ion:154 Resp: 14473

Ion Ratio Lower Upper

154 100

153 113.0 89.2 133.8

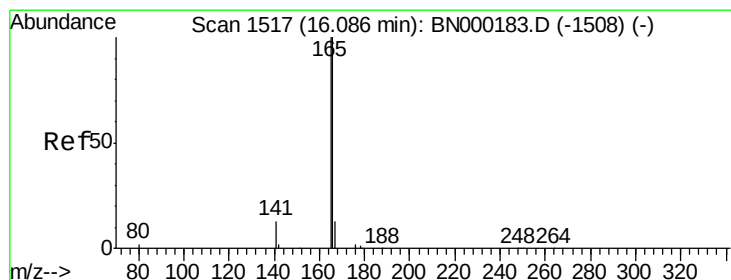
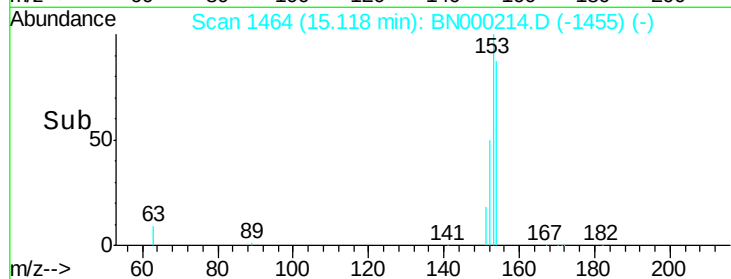
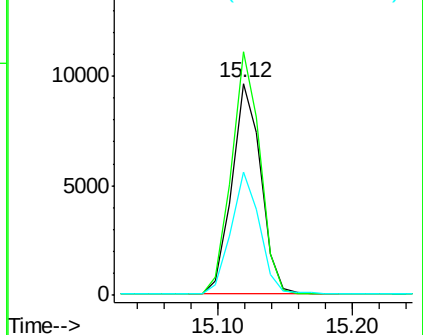
152 57.1 42.0 63.0



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: 0.380 ng

RT: 16.09 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

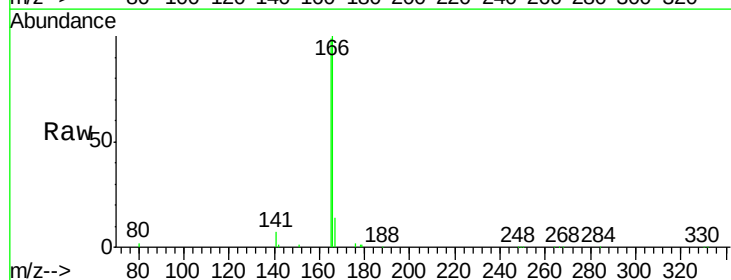
Tgt Ion:166 Resp: 17979

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.6

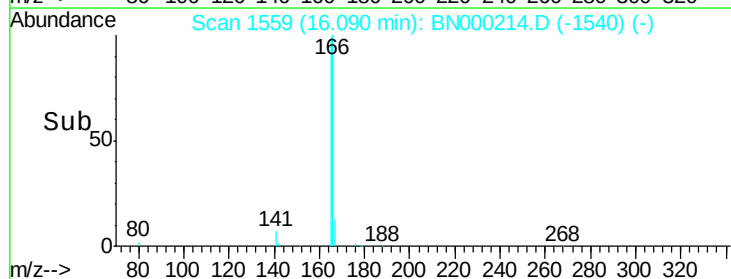
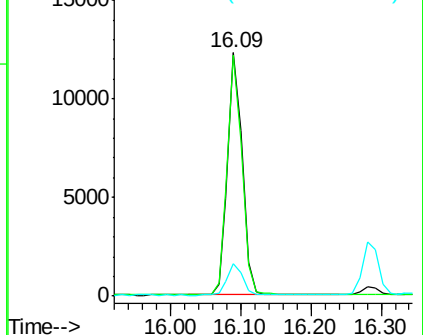
167 13.6 42.4 63.6#

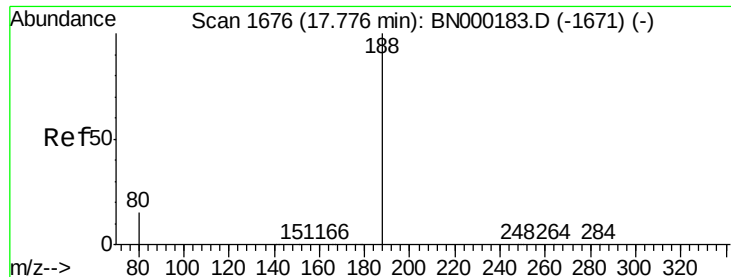


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.78 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

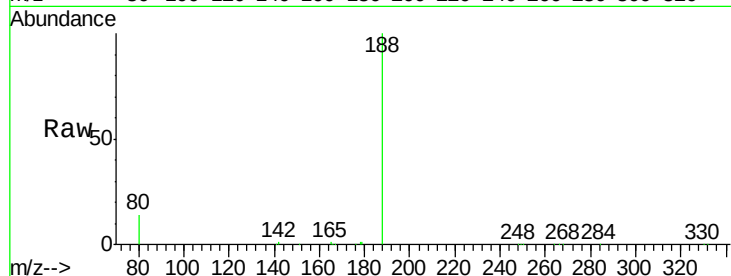
Tgt Ion:188 Resp: 23449

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

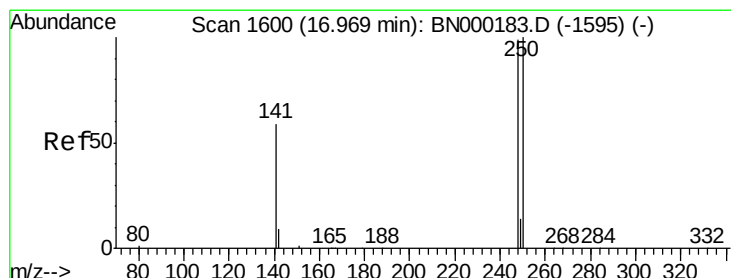
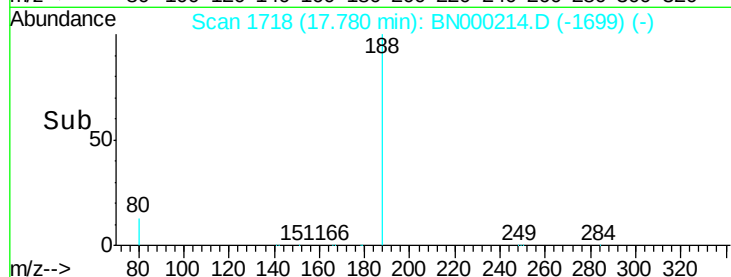
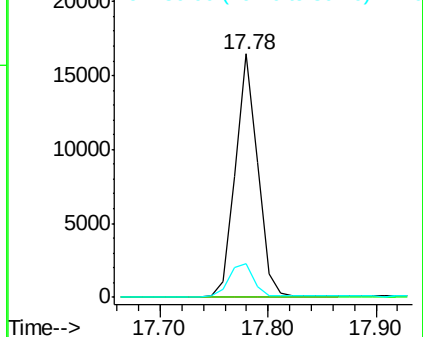
80 13.7 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.367 ng

RT: 16.97 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

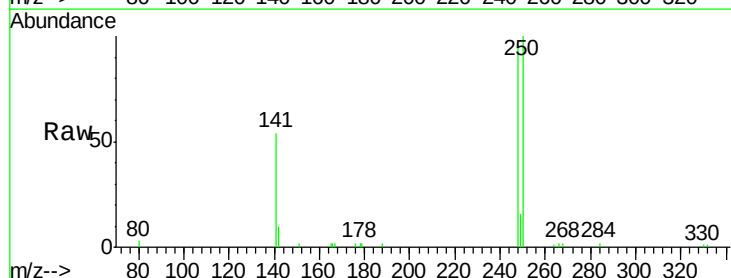
Tgt Ion:248 Resp: 4955

Ion Ratio Lower Upper

248 100

250 104.1 62.7 94.1#

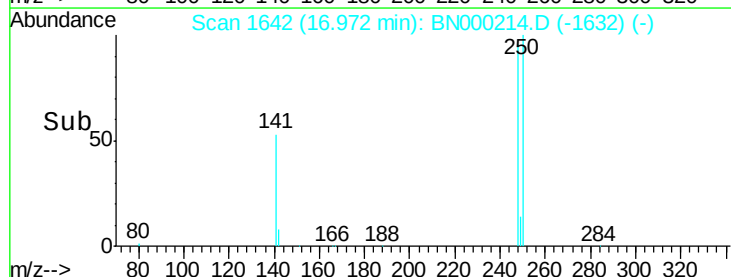
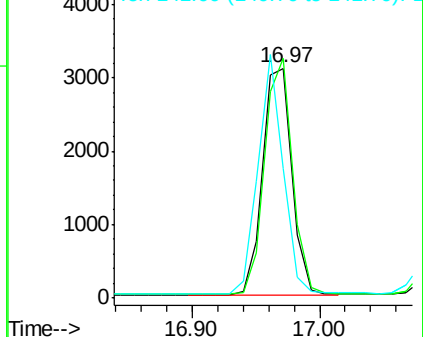
141 56.5 48.2 72.2

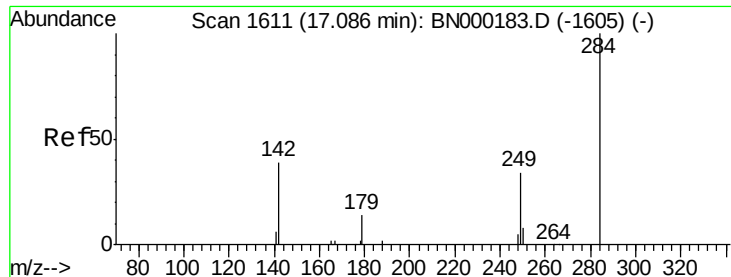


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 17.09 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

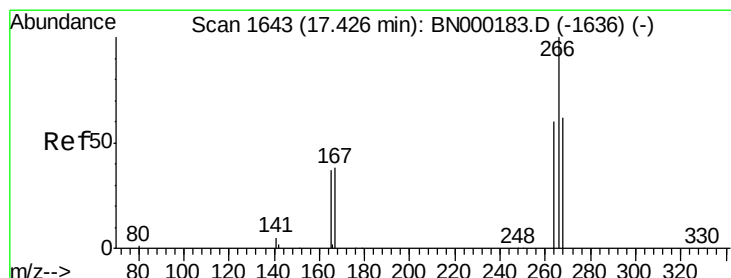
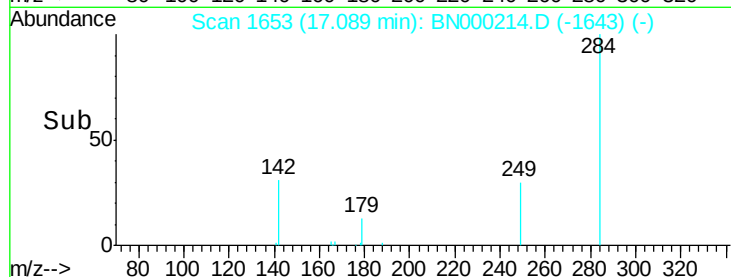
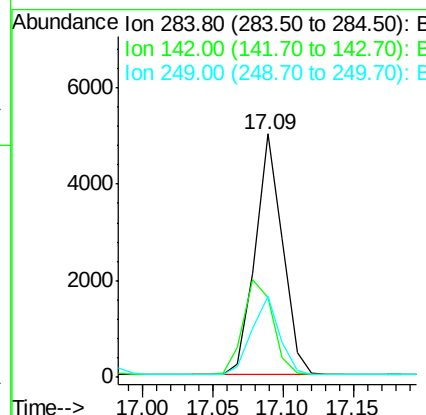
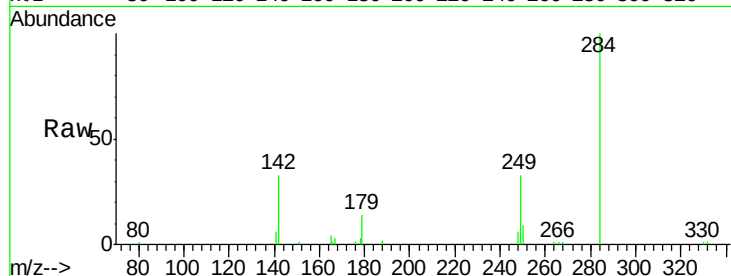
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	284	Resp:	6797
Ion	Ratio	Lower	Upper
284	100		
142	42.5	32.0	48.0
249	32.4	24.0	36.0



#22

Pentachlorophenol

Concen: 0.347 ng

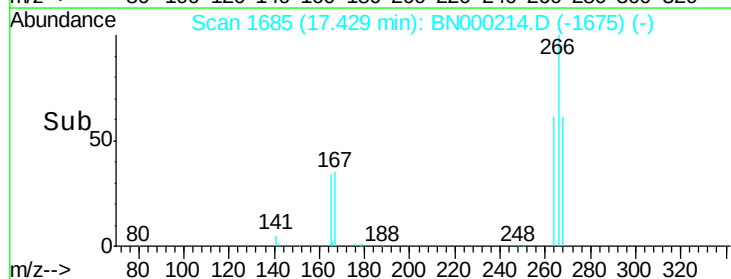
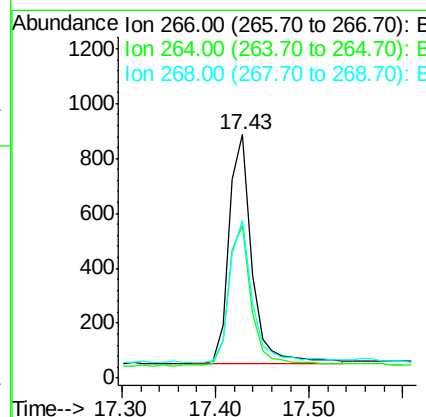
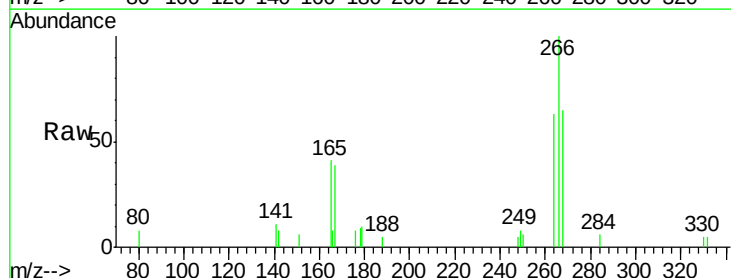
RT: 17.43 min Scan# 1685

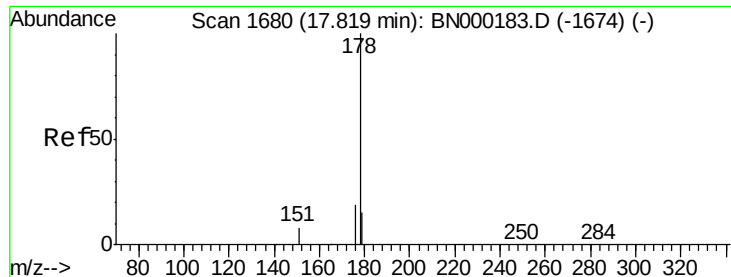
Delta R.T. 0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Tgt Ion:	266	Resp:	1426
Ion	Ratio	Lower	Upper
266	100		
264	62.6	48.0	72.0
268	64.6	52.0	78.0

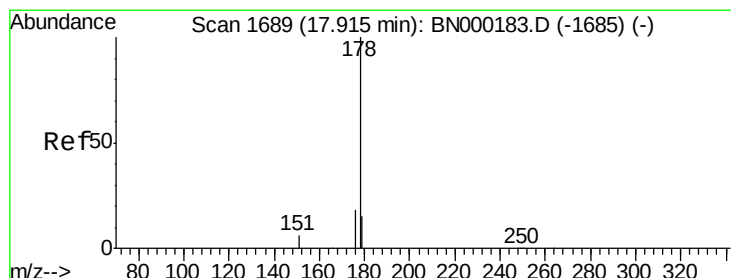
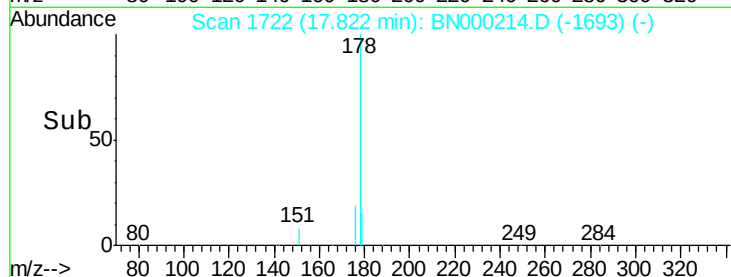
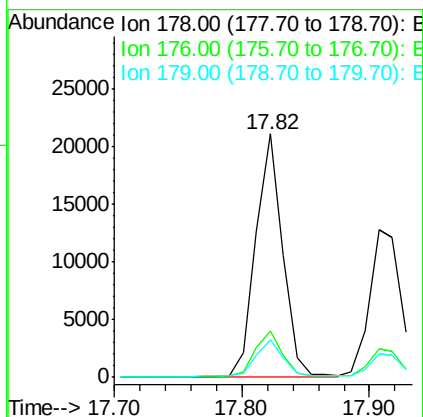
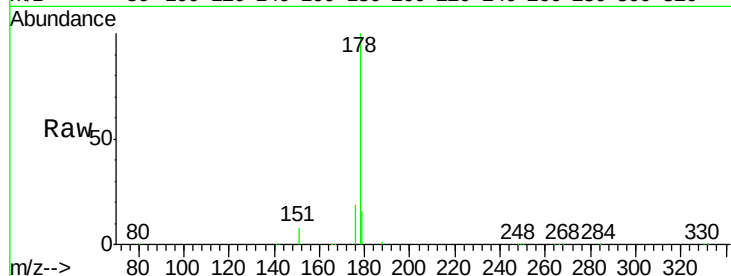




#23
Phenanthrene
Concen: 0.375 ng
RT: 17.82 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BN000214.D
Acq: 01 Mar 2018 13:19

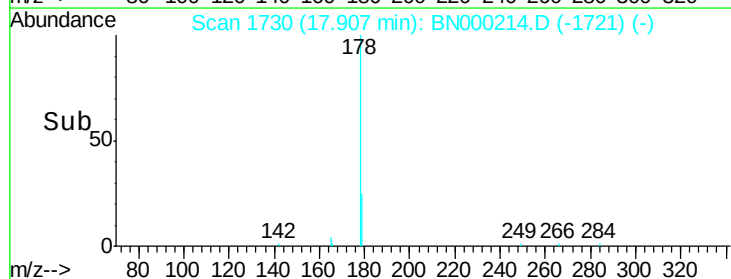
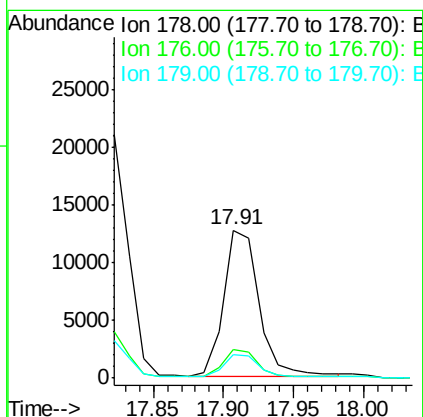
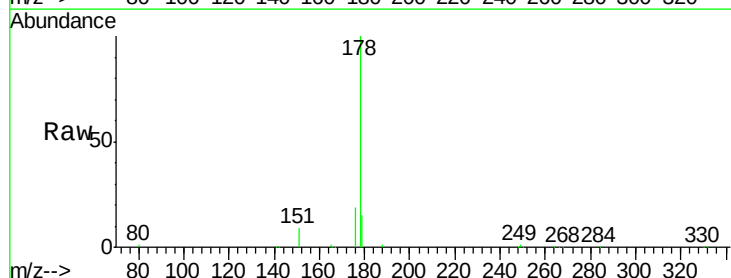
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

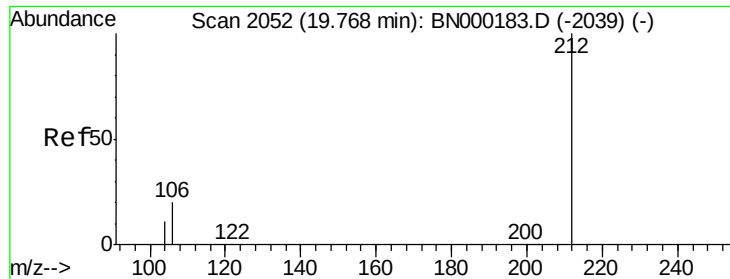
Tgt Ion:178 Resp: 30943
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 11.8 17.6



#24
Anthracene
Concen: 0.353 ng
RT: 17.91 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BN000214.D
Acq: 01 Mar 2018 13:19

Tgt Ion:178 Resp: 22077
Ion Ratio Lower Upper
178 100
176 18.6 12.8 19.2
179 15.3 13.0 19.6

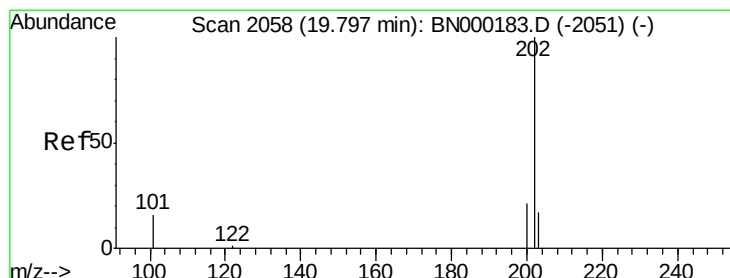
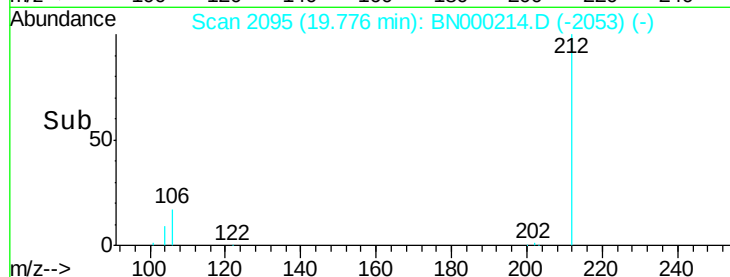
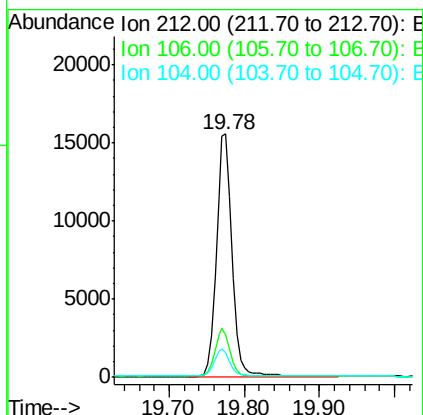
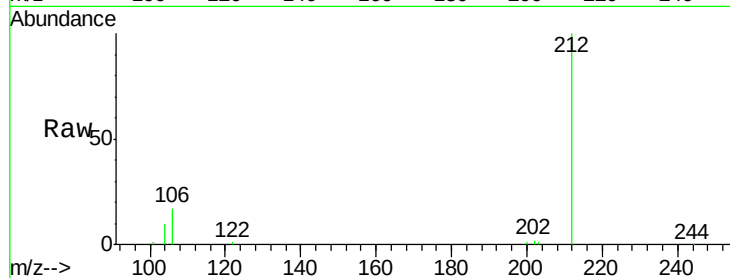




#25
 Fluoranthene-d10
 Concen: 0.366 ng
 RT: 19.78 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: BN000214.D
 Acq: 01 Mar 2018 13:19

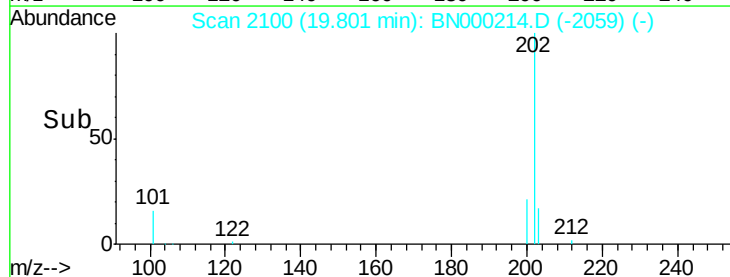
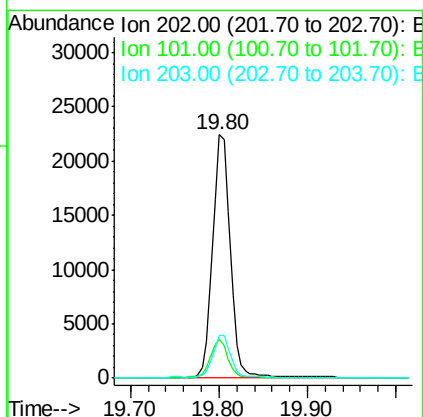
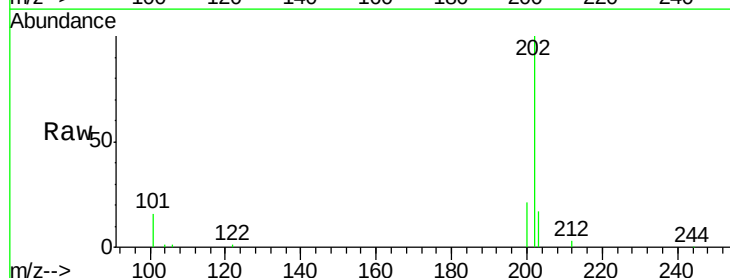
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

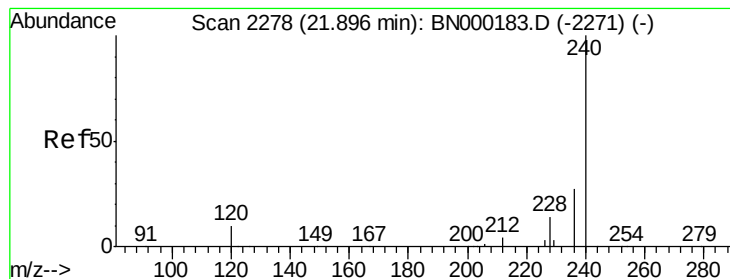
Tgt Ion: 212 Resp: 22954
 Ion Ratio Lower Upper
 212 100
 106 19.1 2.8 4.2#
 104 11.0 1.6 2.4#



#26
 Fluoranthene
 Concen: 0.360 ng
 RT: 19.80 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BN000214.D
 Acq: 01 Mar 2018 13:19

Tgt Ion: 202 Resp: 30774
 Ion Ratio Lower Upper
 202 100
 101 15.6 9.8 14.8#
 203 16.9 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.89 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

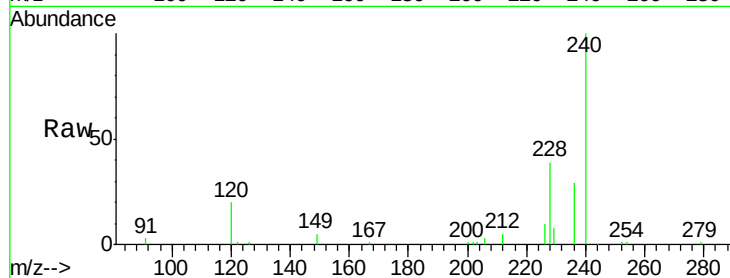
Tgt Ion:240 Resp: 20366

Ion Ratio Lower Upper

240 100

120 20.5 5.5 8.3#

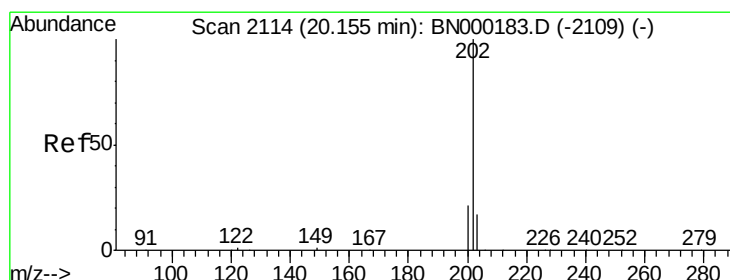
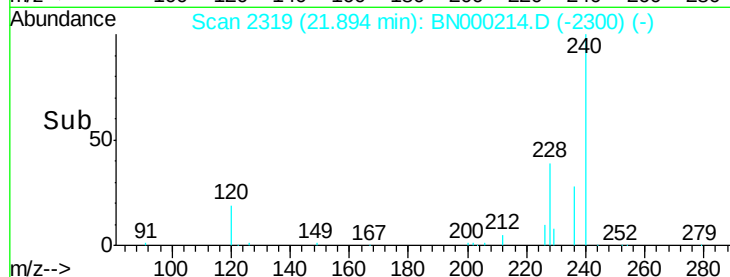
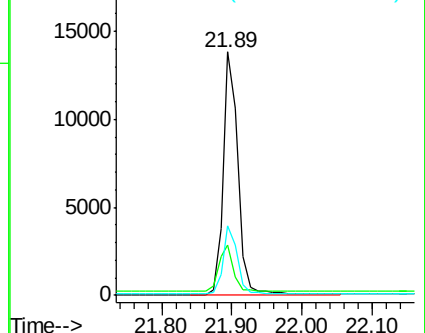
236 28.6 20.7 31.1



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: 0.392 ng

RT: 20.15 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

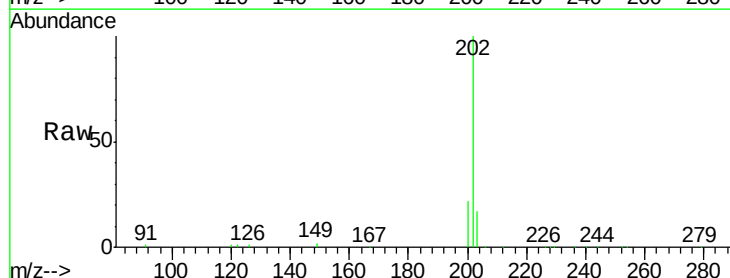
Tgt Ion:202 Resp: 31312

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

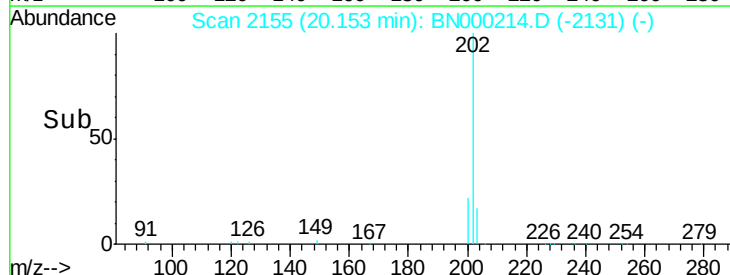
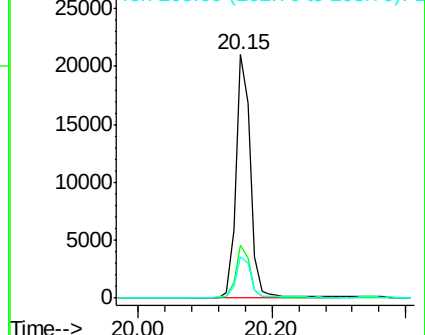
203 17.4 13.8 20.8

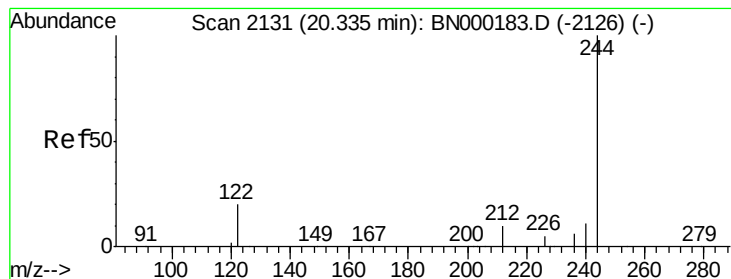


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 20.34 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

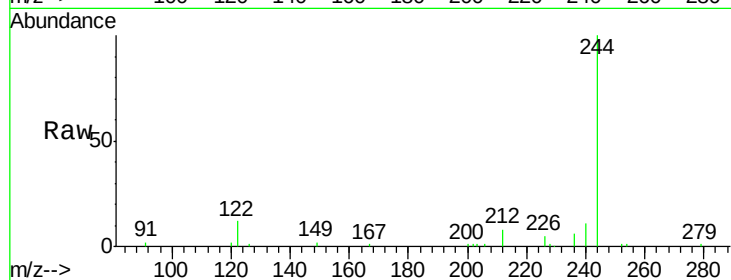
Tgt Ion:244 Resp: 14400

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

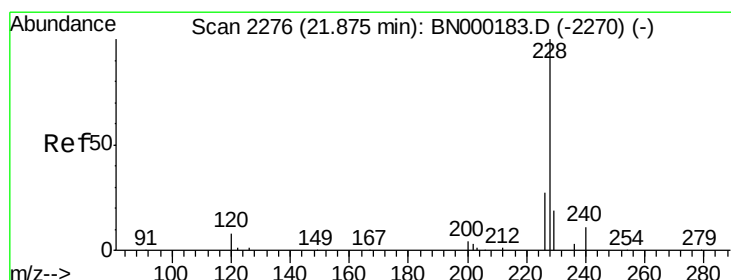
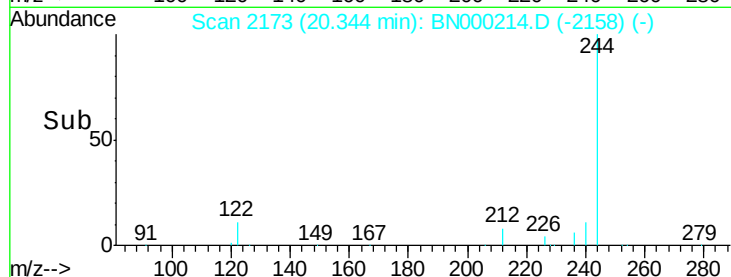
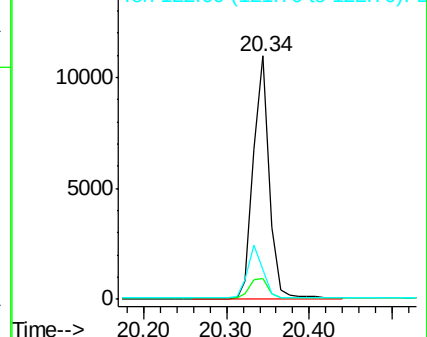
122 12.0 8.1 12.1



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: 0.357 ng

RT: 21.88 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

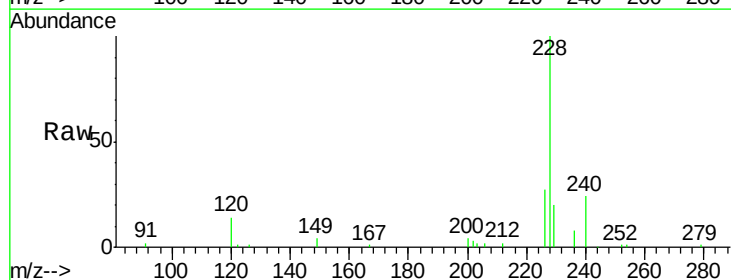
Tgt Ion:228 Resp: 22905

Ion Ratio Lower Upper

228 100

226 27.3 24.0 36.0

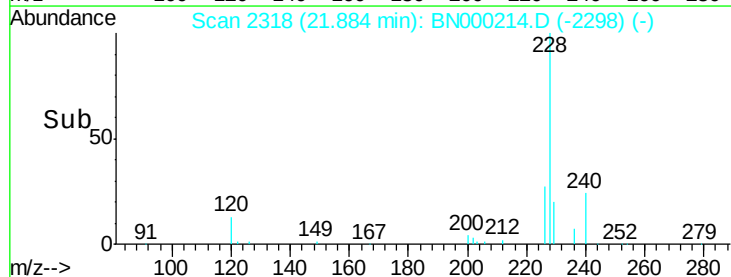
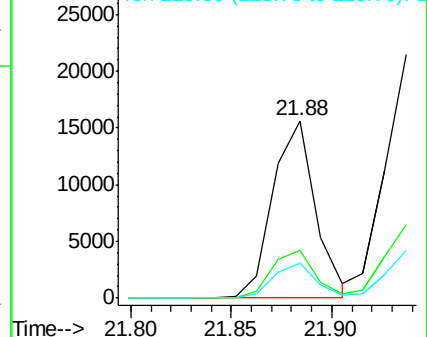
229 20.0 16.0 24.0

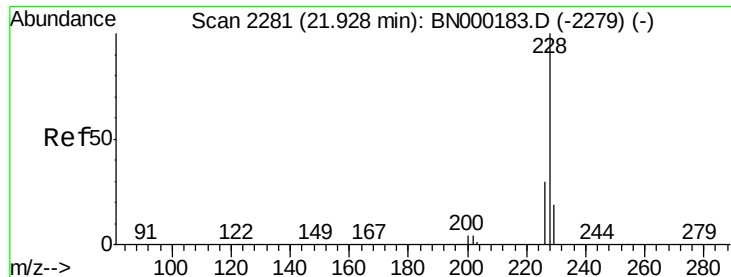


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.94 min Scan# 2323

Delta R.T. 0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

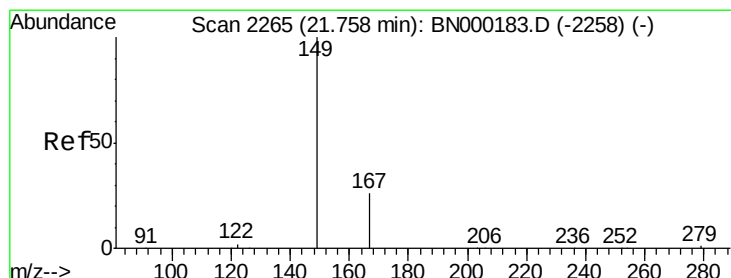
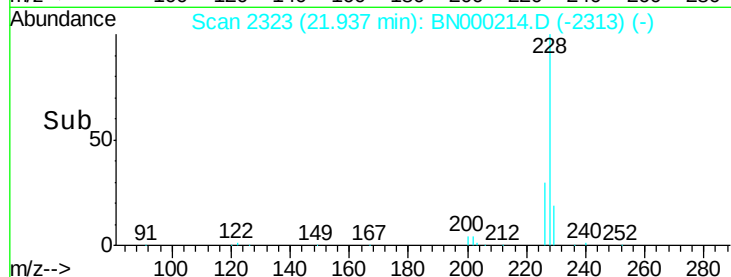
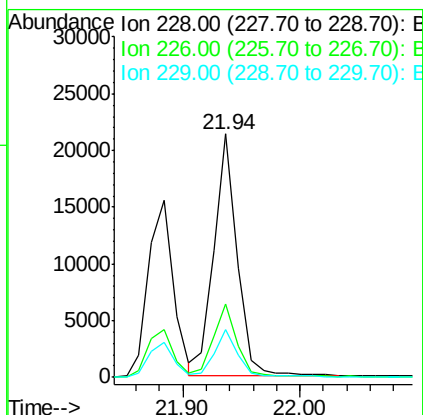
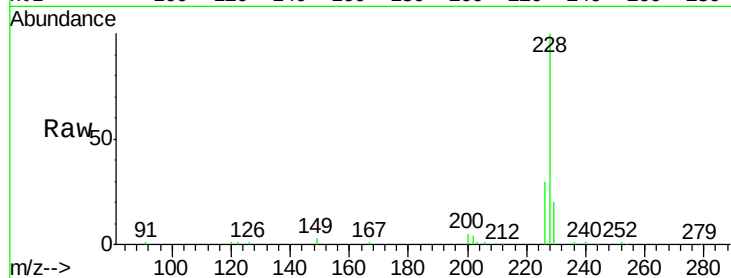
Tgt Ion:228 Resp: 29523

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.6 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.358 ng

RT: 21.77 min Scan# 2307

Delta R.T. 0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

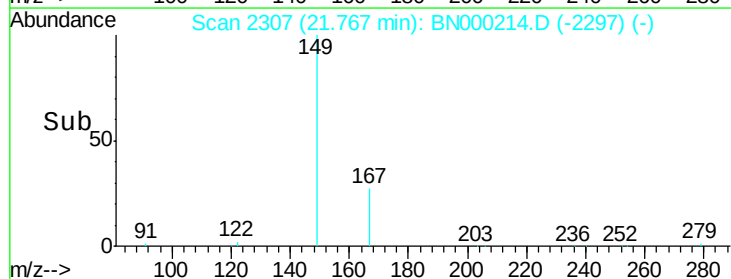
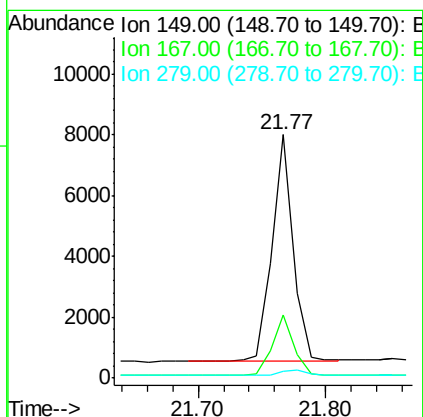
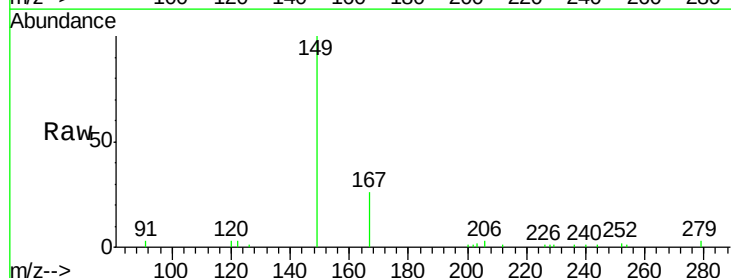
Tgt Ion:149 Resp: 8547

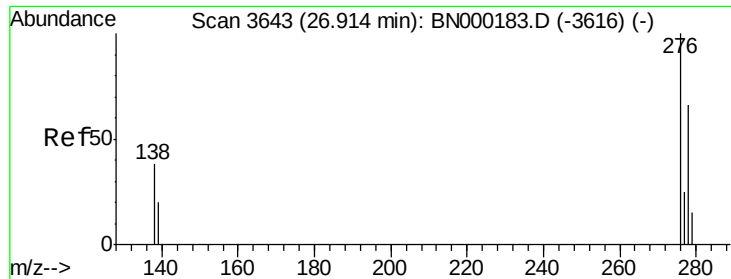
Ion Ratio Lower Upper

149 100

167 26.6 20.0 30.0

279 2.6 1.6 2.4#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.365 ng

RT: 26.93 min Scan# 3689

Delta R.T. 0.02 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

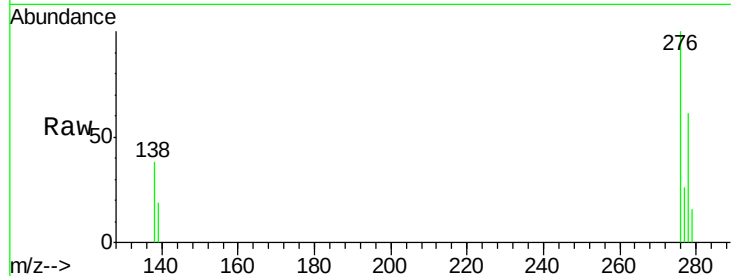
Tgt Ion:276 Resp: 25555

Ion Ratio Lower Upper

276 100

138 38.8 22.5 33.7#

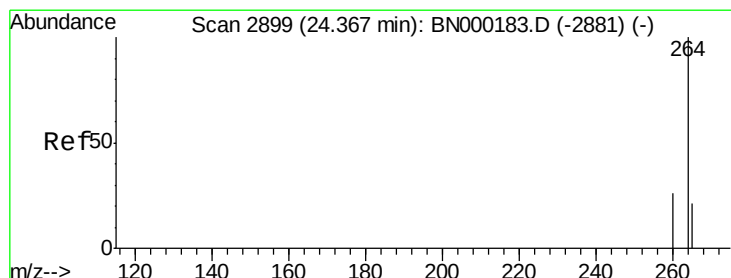
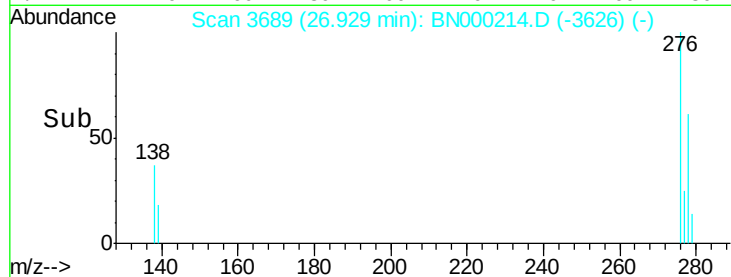
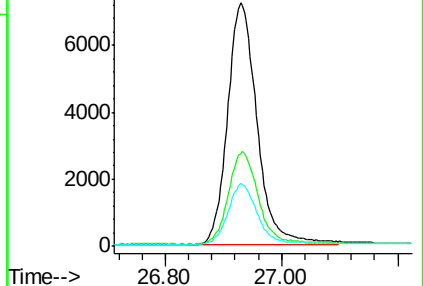
277 24.8 19.9 29.9



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: 24.38 min Scan# 2943

Delta R.T. 0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

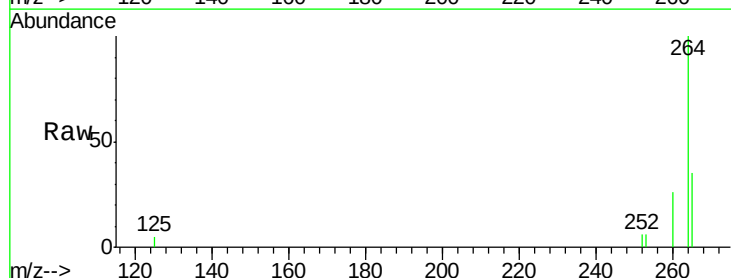
Tgt Ion:264 Resp: 16250

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

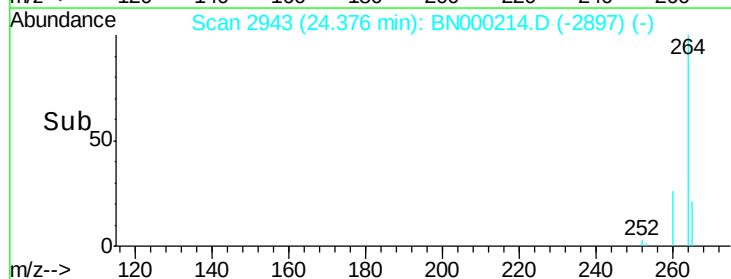
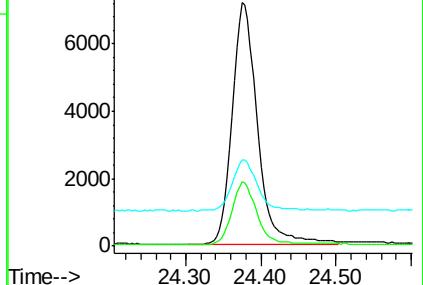
265 35.3 22.8 34.2#

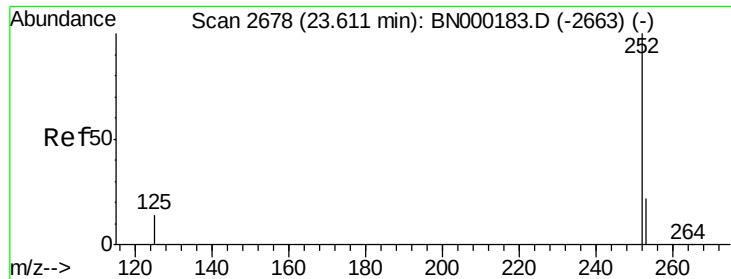


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.379 ng

RT: 23.62 min Scan# 2722

Delta R.T. 0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

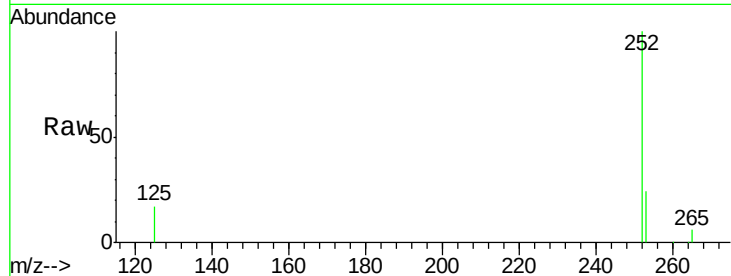
Tgt Ion:252 Resp: 28137

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

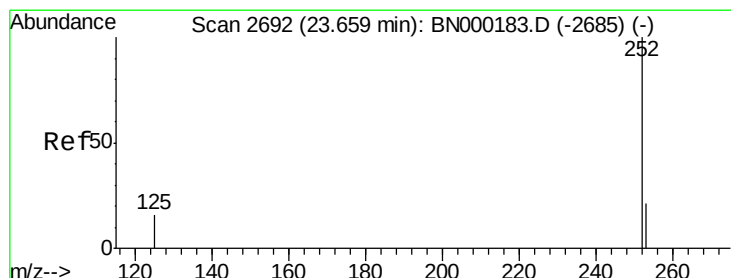
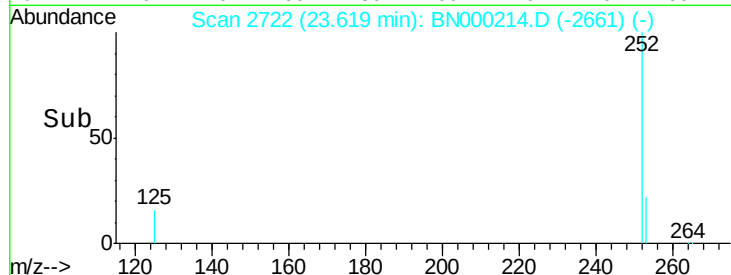
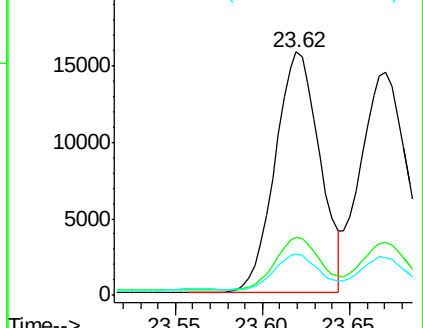
125 17.2 16.0 24.0



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



#36

Benzo(k)fluoranthene

Concen: 0.375 ng

RT: 23.67 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

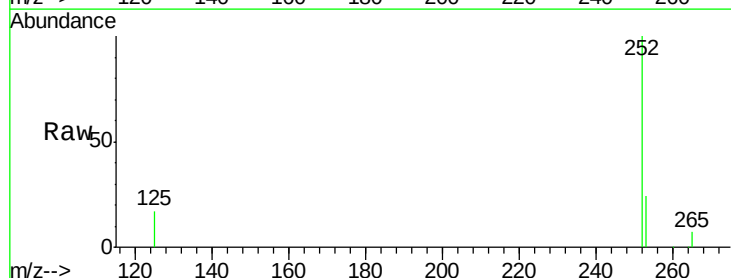
Tgt Ion:252 Resp: 27204

Ion Ratio Lower Upper

252 100

253 24.0 16.0 24.0

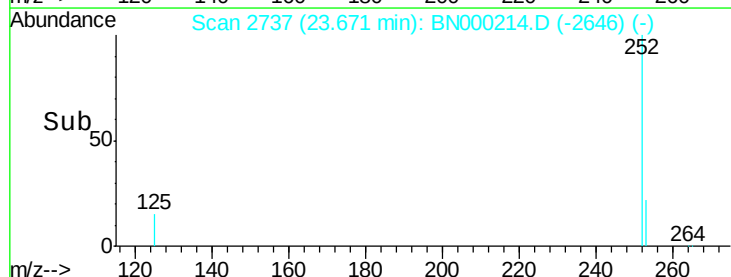
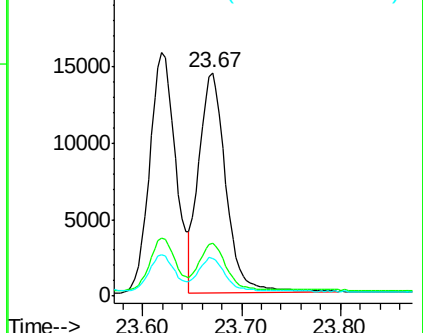
125 17.0 8.0 12.0#

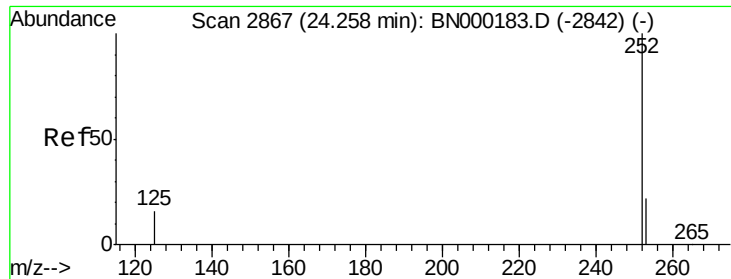


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.367 ng

RT: 24.27 min Scan# 2911

Delta R.T. 0.01 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

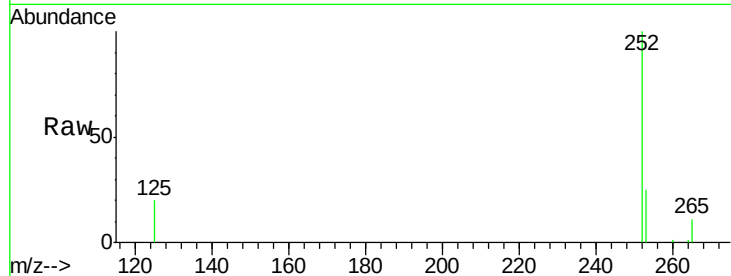
Tgt Ion:252 Resp: 22152

Ion Ratio Lower Upper

252 100

253 25.0 16.0 24.0#

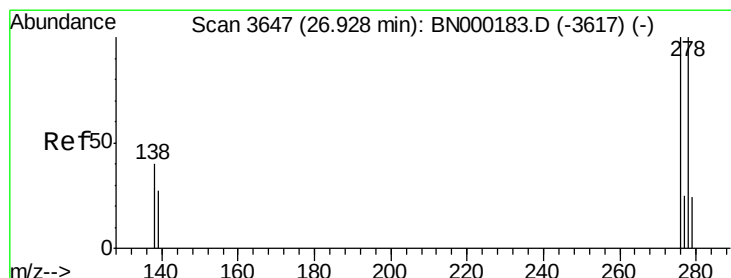
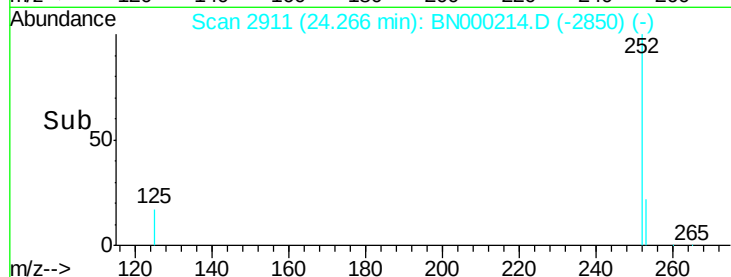
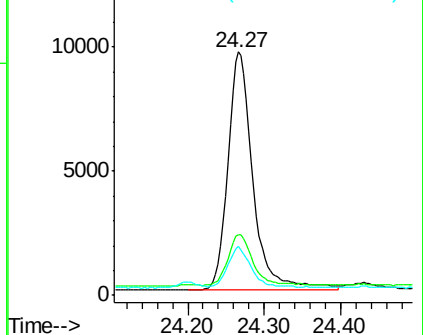
125 19.9 12.0 18.0#



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: 0.373 ng

RT: 26.94 min Scan# 3693

Delta R.T. 0.02 min

Lab File: BN000214.D

Acq: 01 Mar 2018 13:19

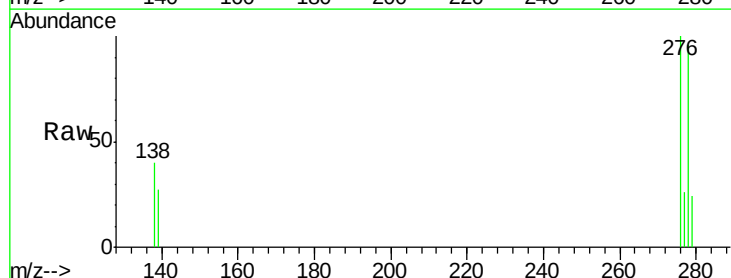
Tgt Ion:278 Resp: 20093

Ion Ratio Lower Upper

278 100

139 28.5 16.0 24.0#

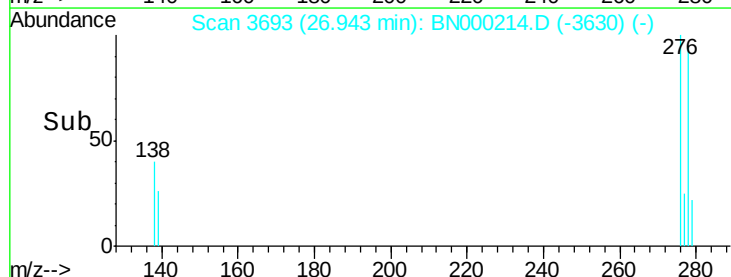
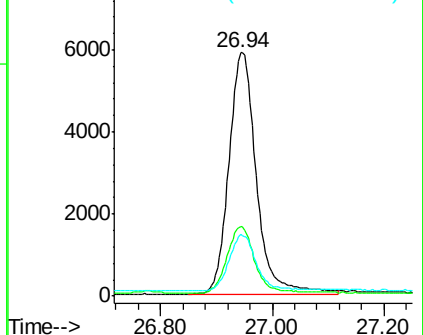
279 25.5 20.0 30.0

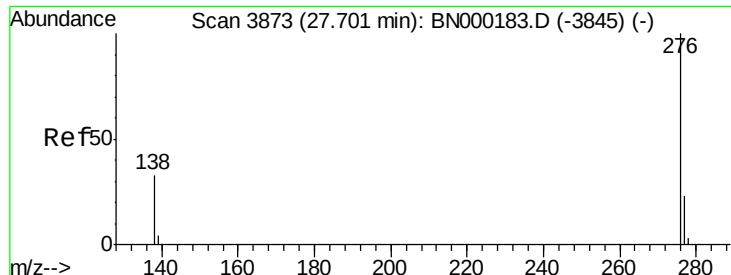


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.381 ng

RT: 27.71 min Scan# 3918

Delta R.T. 0.01 min

Lab File: BN000214.D

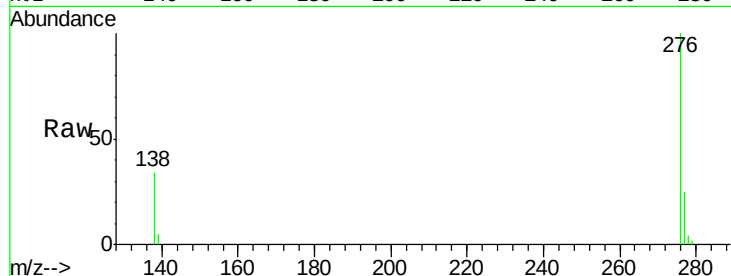
Acq: 01 Mar 2018 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 24200

Ion Ratio Lower Upper

276 100

277 24.5 16.0 24.0#

138 33.9 20.0 30.0#

