

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
 Data File : BN000198.D
 Acq On : 28 Feb 2018 09:03
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Feb 28 16:59:48 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	6352	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	24402	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	12805	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	28948	0.40	ng	0.00
27) Chrysene-d12	21.90	240	24352	0.40	ng	0.00
34) Perylene-d12	24.37	264	19006	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	5832	0.43	ng	0.00
5) Phenol-d6	7.57	99	7107	0.42	ng	0.00
8) Nitrobenzene-d5	9.63	82	5700	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	14853	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1564	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	23931	0.39	ng	0.00
25) Fluoranthene-d10	19.77	212	27753	0.36	ng	0.00
29) Terphenyl-d14	20.33	244	16944	0.40	ng	0.00

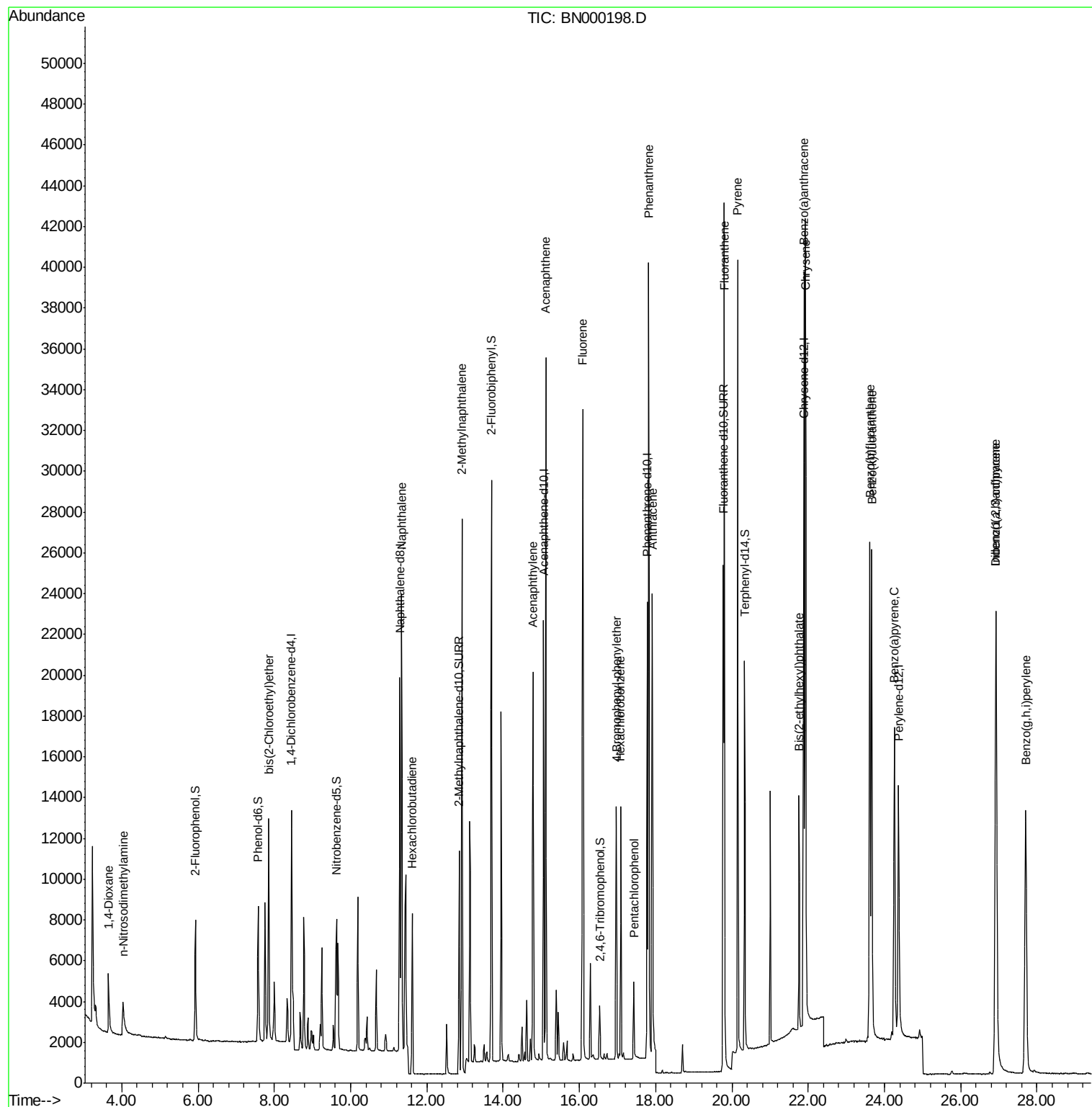
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	2818	0.428	ng	94
3) n-Nitrosodimethylamine	4.03	42	1615	0.374	ng	# 99
6) bis(2-Chloroethyl)ether	7.85	93	8975	0.415	ng	98
9) Naphthalene	11.34	128	28912	0.405	ng	96
10) Hexachlorobutadiene	11.62	225	4972	0.411	ng	98
12) 2-Methylnaphthalene	12.92	142	18789	0.402	ng	98
16) Acenaphthylene	14.78	152	21635	0.358	ng	100
17) Acenaphthene	15.12	154	18276	0.384	ng	97
18) Fluorene	16.09	166	22541	0.380	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	6294	0.377	ng	# 85
21) Hexachlorobenzene	17.09	284	8599	0.385	ng	96
22) Pentachlorophenol	17.43	266	1998	0.381	ng	97
23) Phenanthrene	17.82	178	38249	0.375	ng	99
24) Anthracene	17.91	178	27475	0.356	ng	96
26) Fluoranthene	19.80	202	37734	0.357	ng	# 96
28) Pyrene	20.15	202	38333	0.401	ng	100
30) Benzo(a)anthracene	21.87	228	28897	0.377	ng	97
31) Chrysene	21.93	228	34598	0.386	ng	99
32) Bis(2-ethylhexyl)phthalate	21.76	149	10658	0.373	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.92	276	28509	0.341	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	33071	0.381	ng	95
36) Benzo(k)fluoranthene	23.66	252	32825	0.387	ng	# 89
37) Benzo(a)pyrene	24.26	252	26178	0.370	ng	# 90
38) Dibenzo(a,h)anthracene	26.93	278	22013	0.350	ng	# 92
39) Benzo(g,h,i)perylene	27.70	276	26970	0.363	ng	# 85

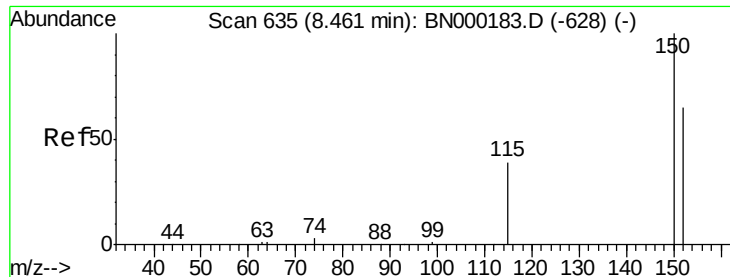
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.45 min Scan# 634

Delta R.T. -0.01 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

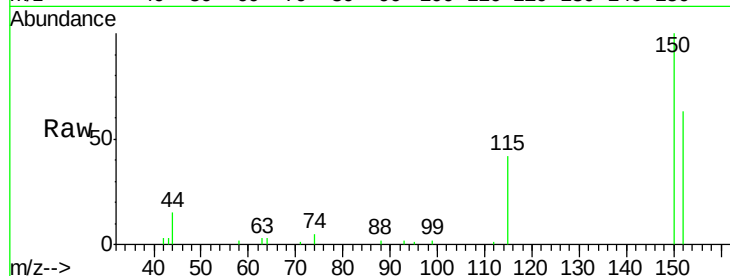
Tgt Ion:152 Resp: 6352

Ion Ratio Lower Upper

152 100

150 157.9 117.2 175.8

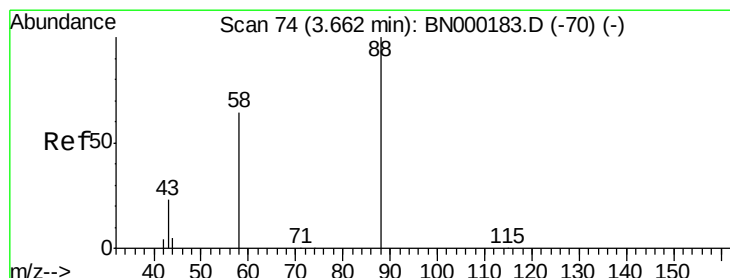
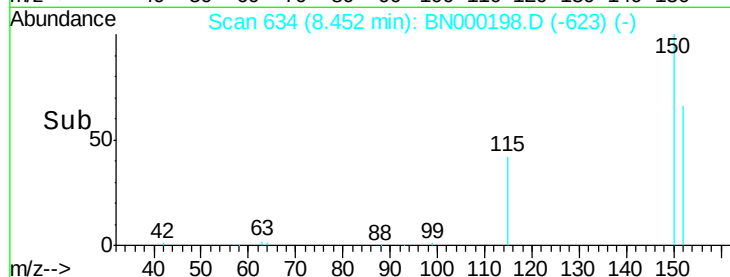
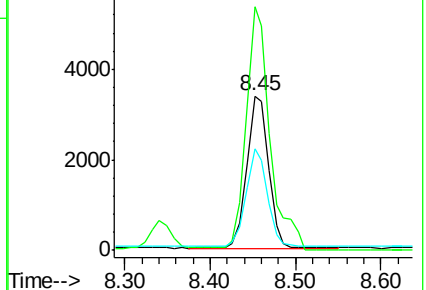
115 66.2 57.0 85.6



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: 0.428 ng

RT: 3.65 min Scan# 73

Delta R.T. -0.01 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

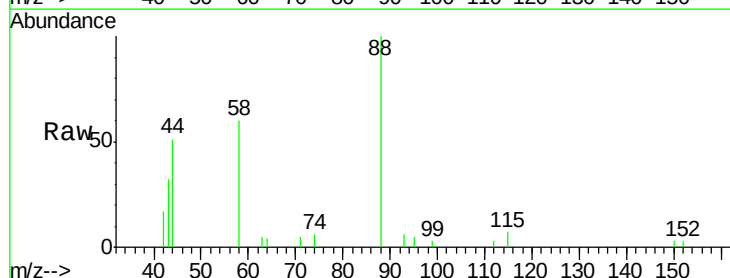
Tgt Ion: 88 Resp: 2818

Ion Ratio Lower Upper

88 100

58 66.1 48.0 72.0

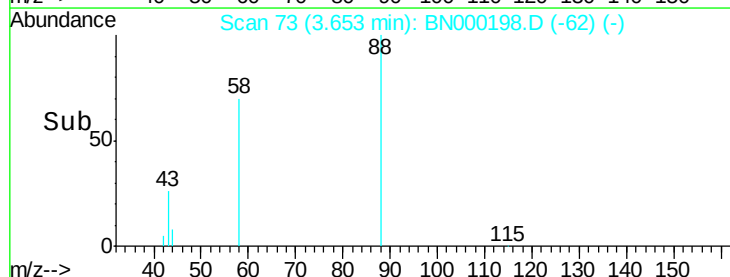
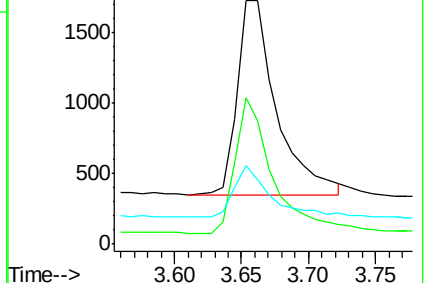
43 24.0 20.0 30.0

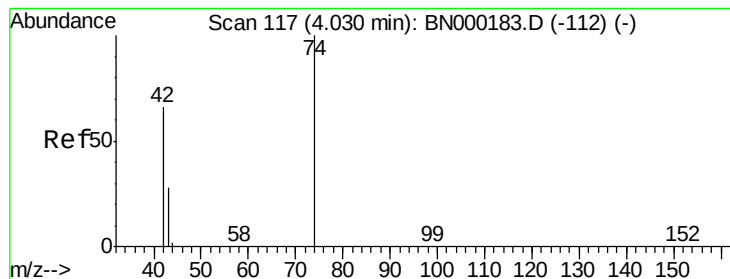


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.374 ng

RT: 4.03 min Scan# 117

Delta R.T. 0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

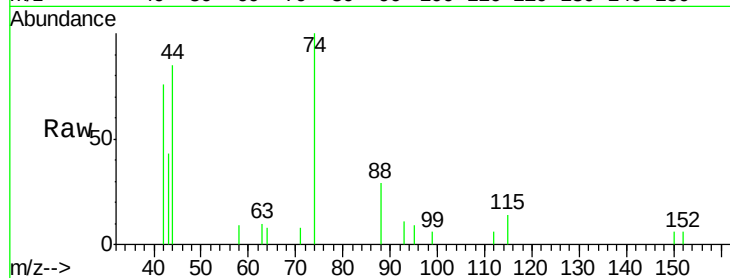
Tgt Ion: 42 Resp: 1615

Ion Ratio Lower Upper

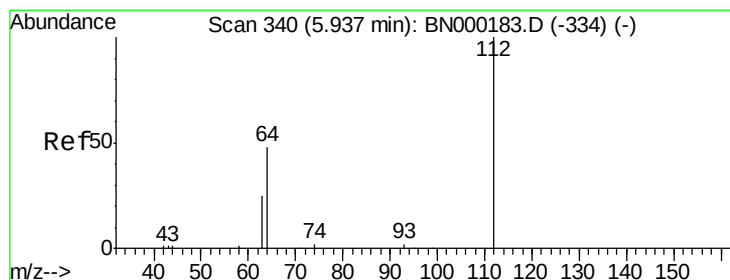
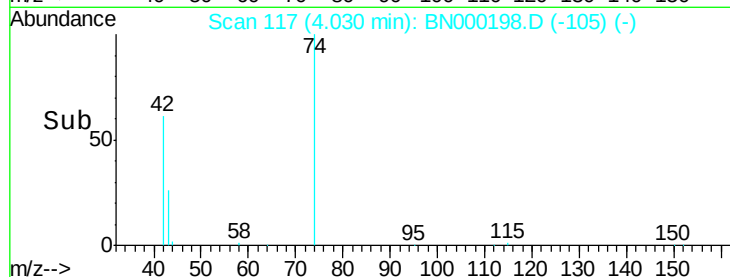
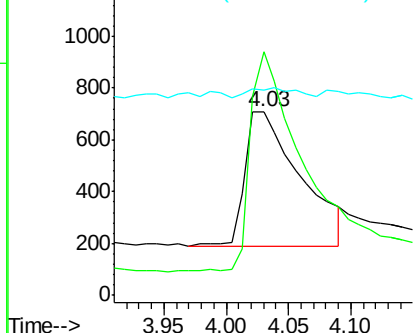
42 100

74 148.4 120.0 180.0

44 6.2 4.0 6.0#



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: 0.435 ng

RT: 5.93 min Scan# 339

Delta R.T. -0.01 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

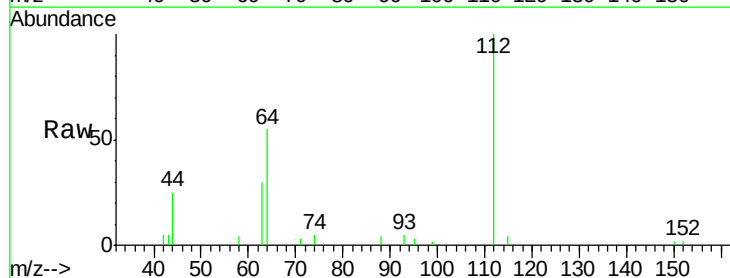
Tgt Ion: 112 Resp: 5832

Ion Ratio Lower Upper

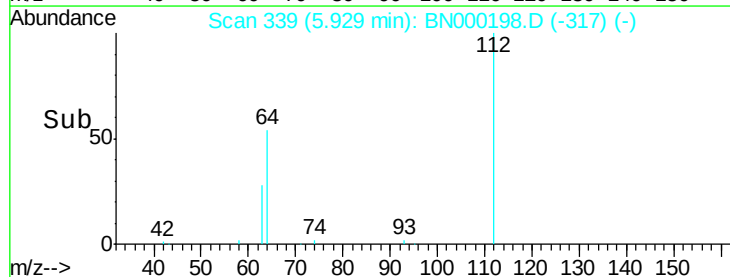
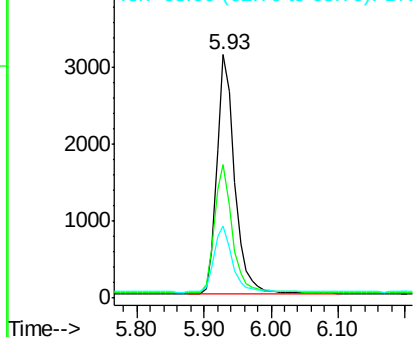
112 100

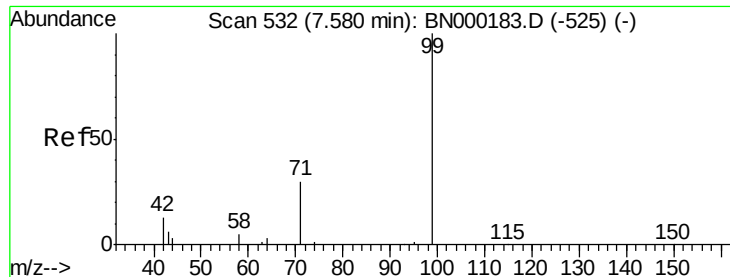
64 52.7 60.1 90.1#

63 27.7 116.8 175.2#



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





#5

Phenol-d6

Concen: 0.417 ng

RT: 7.57 min Scan# 531

Delta R.T. -0.01 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

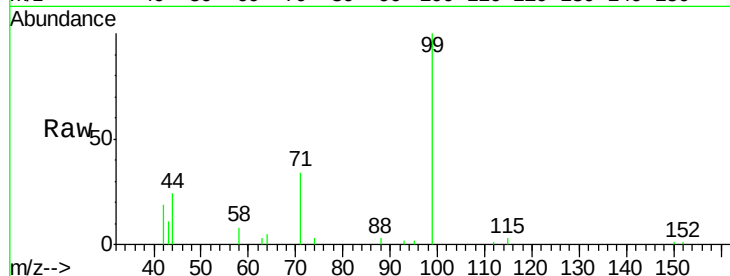
Tgt Ion: 99 Resp: 7107

Ion Ratio Lower Upper

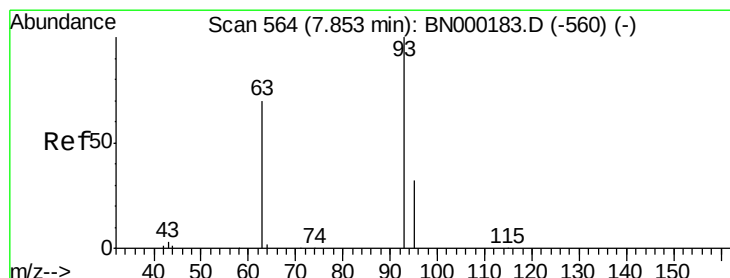
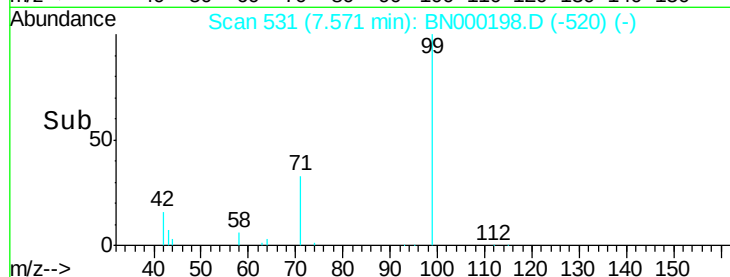
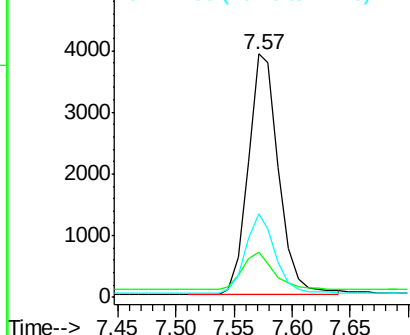
99 100

42 16.1 20.2 30.2#

71 31.6 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: 0.415 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

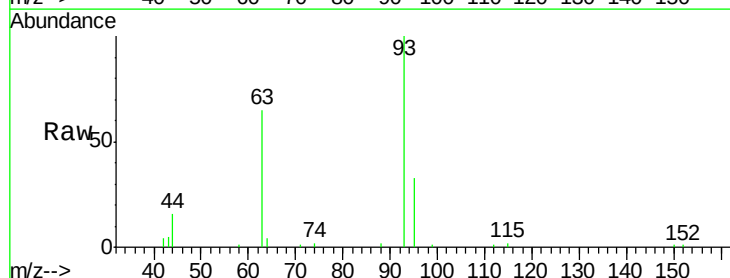
Tgt Ion: 93 Resp: 8975

Ion Ratio Lower Upper

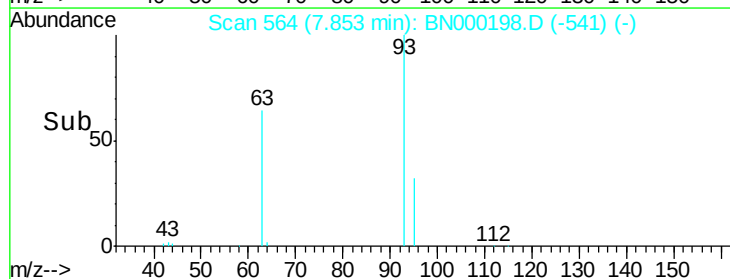
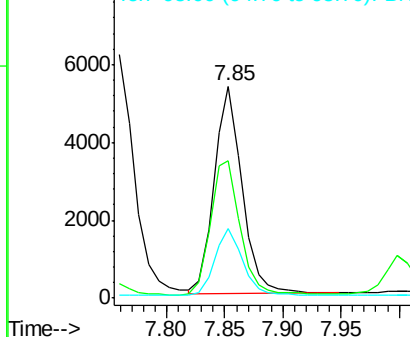
93 100

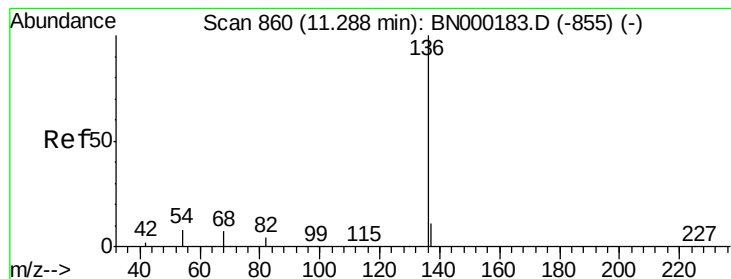
63 68.2 56.0 84.0

95 32.2 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# 860

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 24402

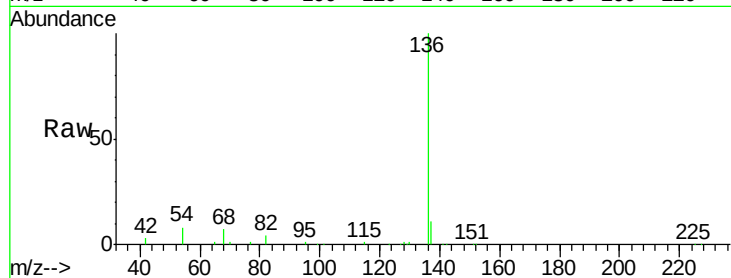
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 7.7 29.1 43.7#

68 7.4 6.2 9.2

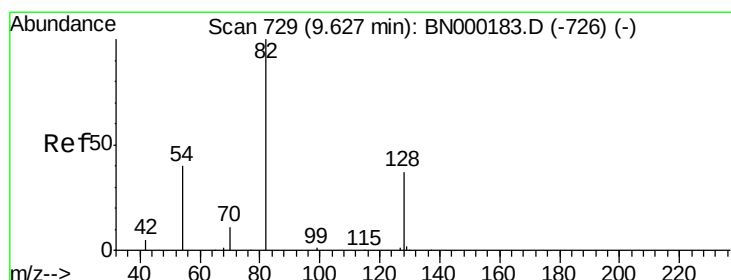
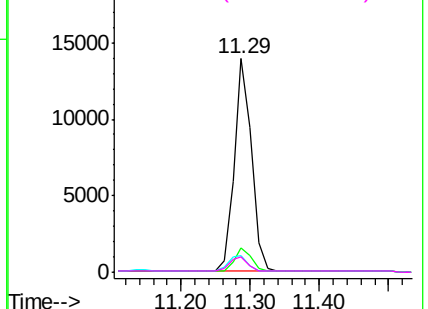
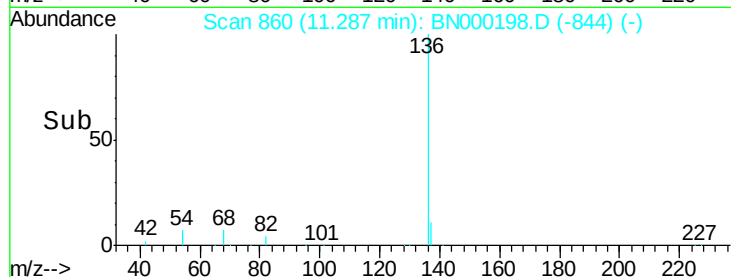


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

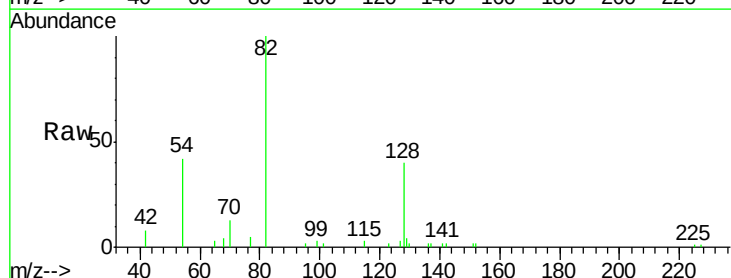
Tgt Ion: 82 Resp: 5700

Ion Ratio Lower Upper

82 100

128 39.6 150.0 225.0#

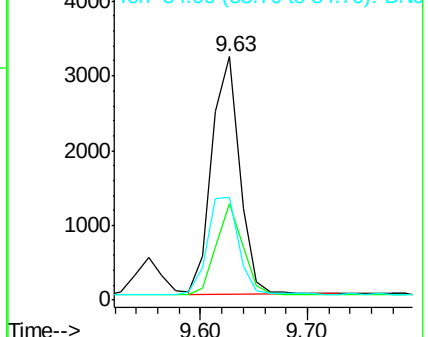
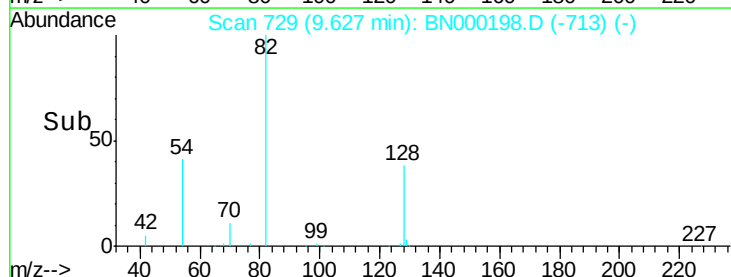
54 42.2 154.2 231.4#

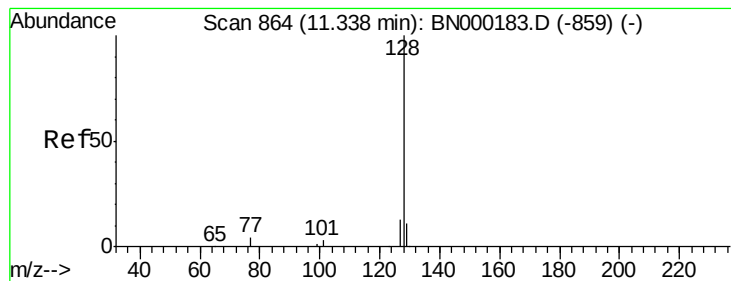


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.405 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

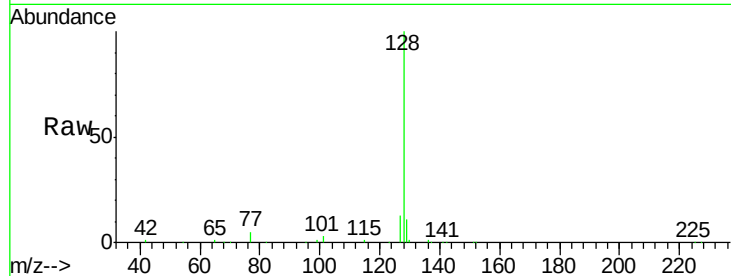
Tgt Ion:128 Resp: 28912

Ion Ratio Lower Upper

128 100

129 11.3 8.0 12.0

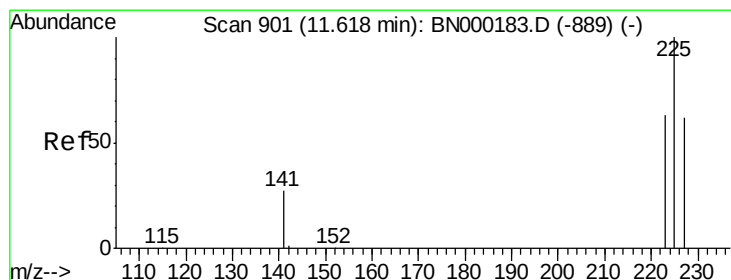
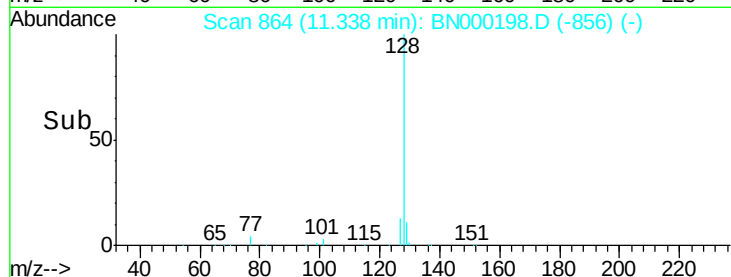
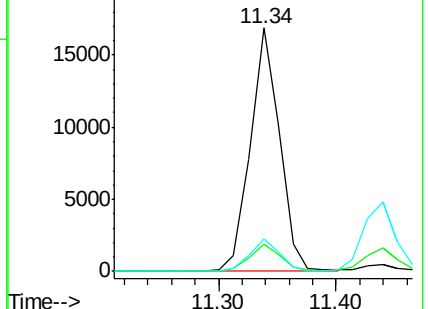
127 13.4 9.6 14.4



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: 0.411 ng

RT: 11.62 min Scan# 901

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

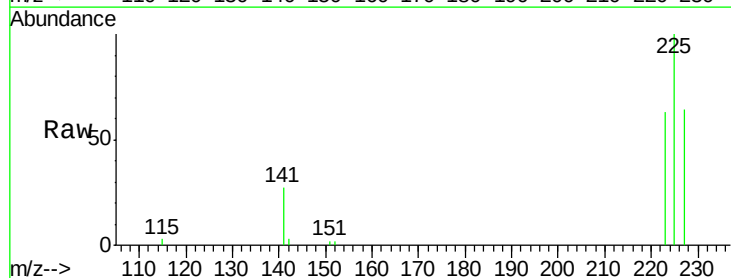
Tgt Ion:225 Resp: 4972

Ion Ratio Lower Upper

225 100

223 63.0 53.0 79.6

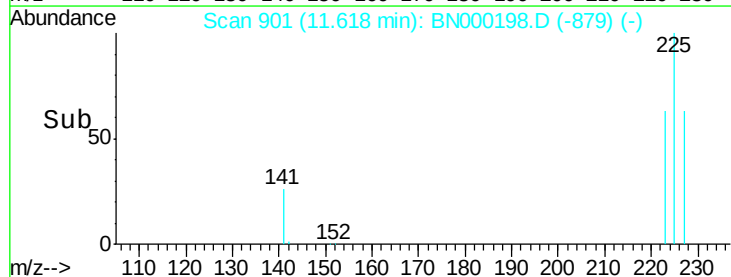
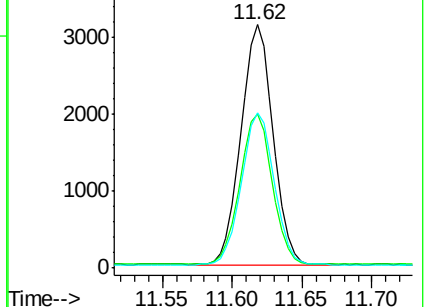
227 64.1 51.4 77.2

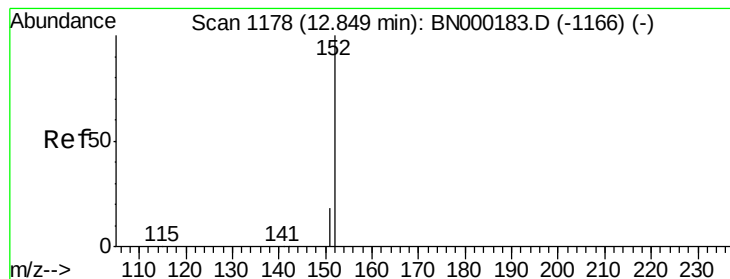


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

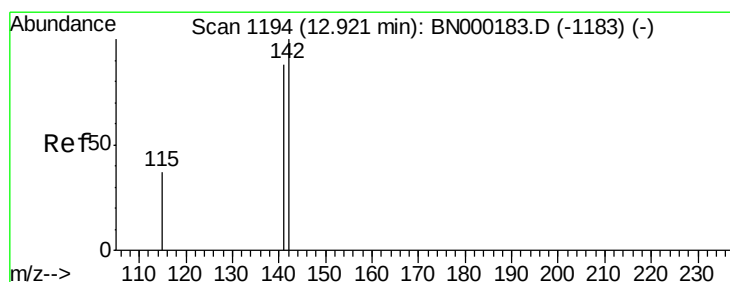
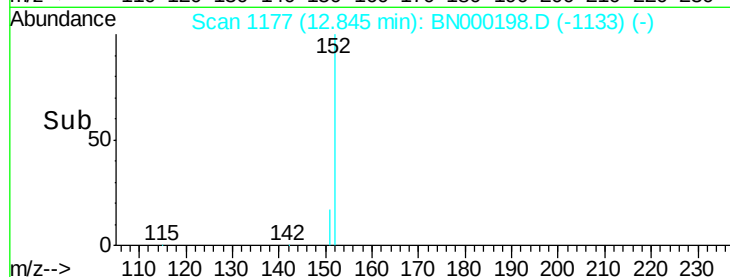
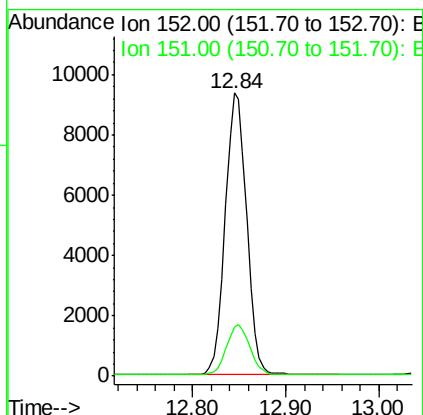
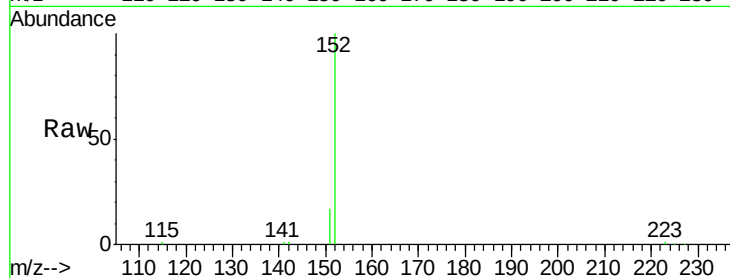




#11
 2-Methylnaphthalene-d10
 Concen: 0.404 ng
 RT: 12.84 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BN000198.D
 Acq: 28 Feb 2018 09:03

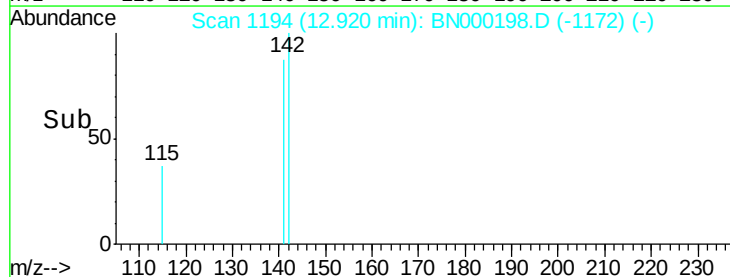
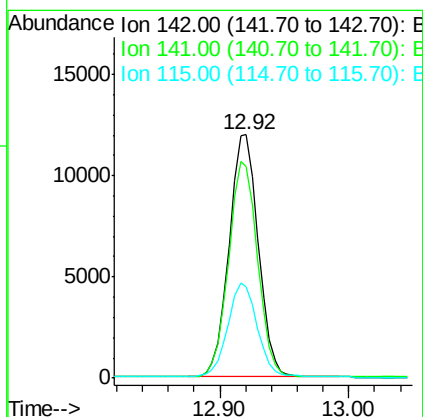
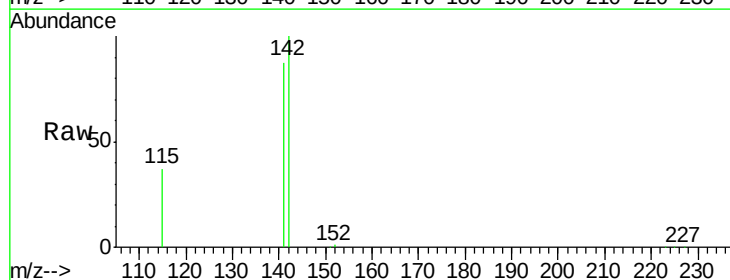
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

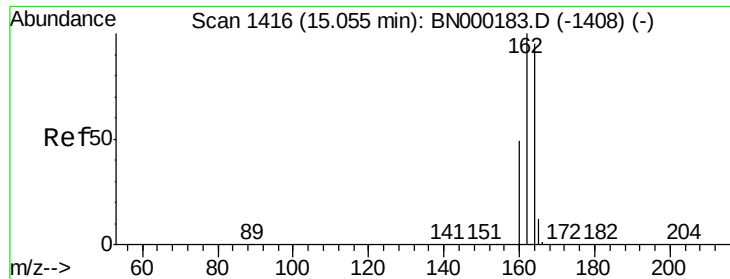
Tgt Ion:152 Resp: 14853
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.402 ng
 RT: 12.92 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BN000198.D
 Acq: 28 Feb 2018 09:03

Tgt Ion:142 Resp: 18789
 Ion Ratio Lower Upper
 142 100
 141 87.2 70.4 105.6
 115 37.4 31.7 47.5

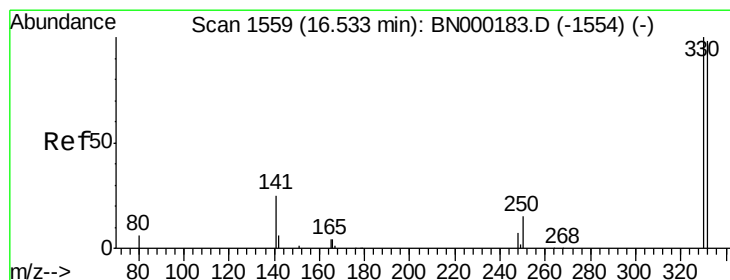
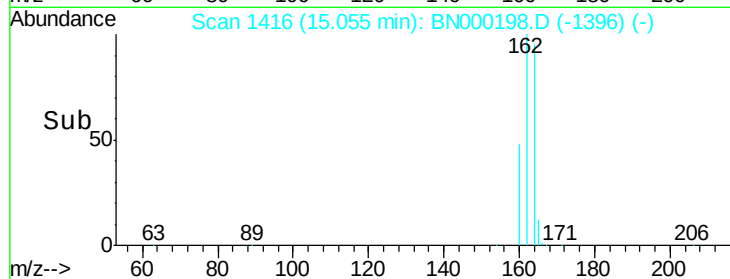
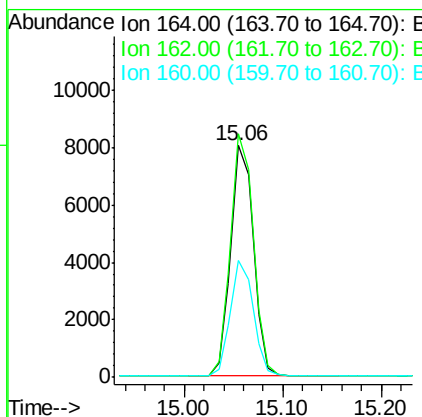
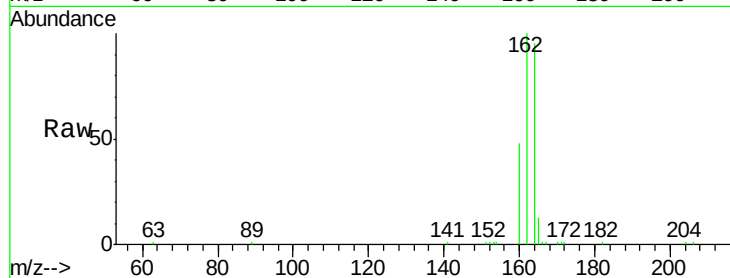




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN000198.D
Acq: 28 Feb 2018 09:03

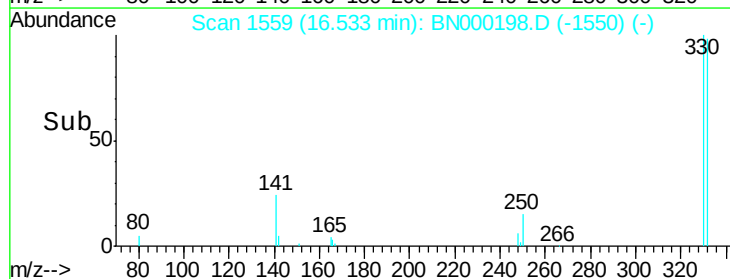
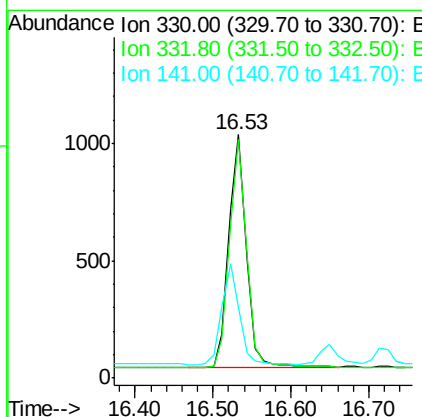
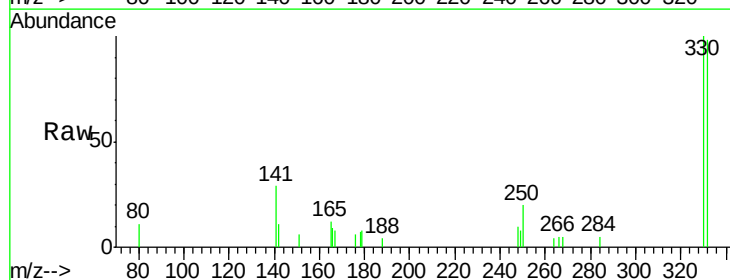
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

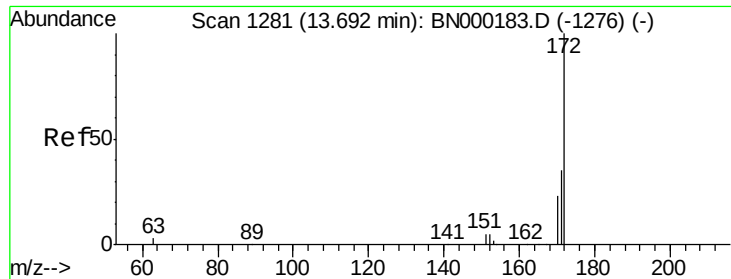
Tgt Ion:164 Resp: 12805
Ion Ratio Lower Upper
164 100
162 105.2 83.1 124.7
160 50.7 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 16.53 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN000198.D
Acq: 28 Feb 2018 09:03

Tgt Ion:330 Resp: 1564
Ion Ratio Lower Upper
330 100
332 96.0 152.7 229.1#
141 42.5 33.7 50.5

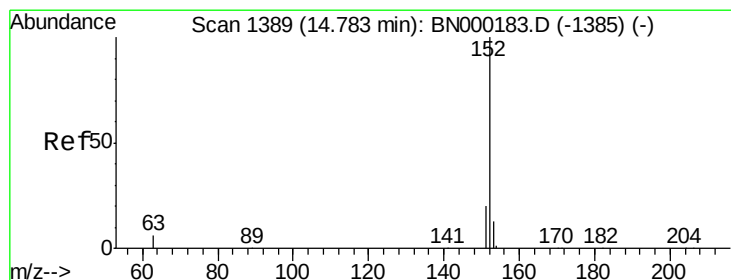
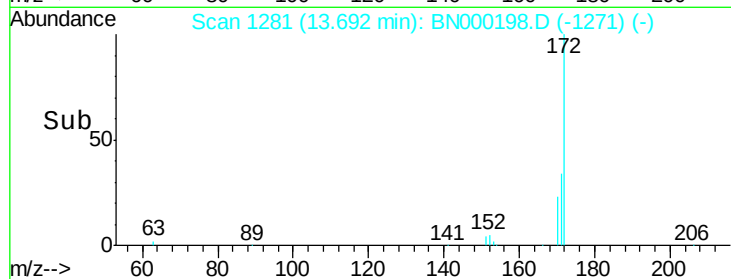
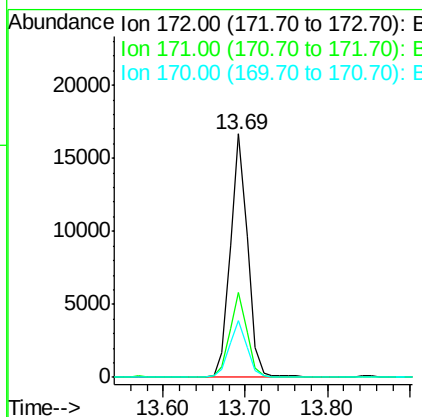
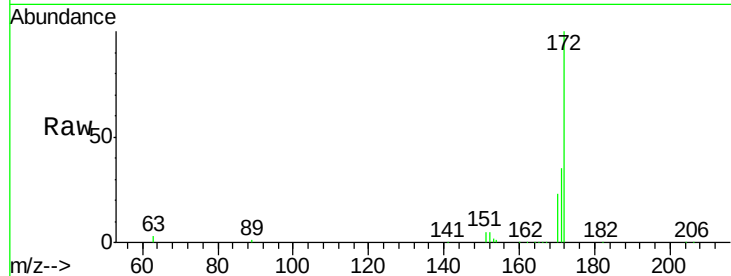




#15
 2-Fluorobiphenyl
 Concen: 0.394 ng
 RT: 13.69 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BN000198.D
 Acq: 28 Feb 2018 09:03

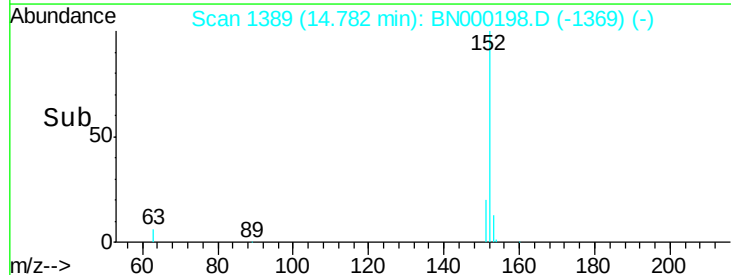
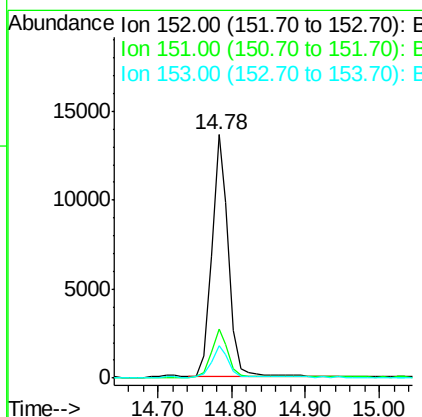
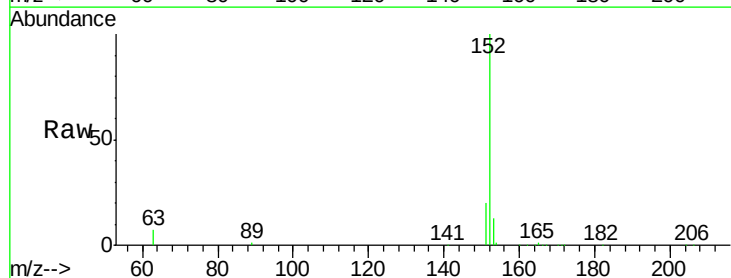
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

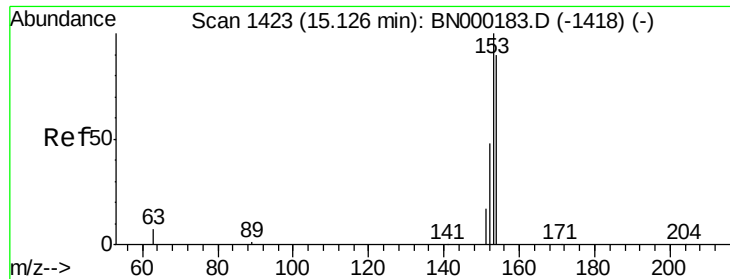
Tgt Ion:172 Resp: 23931
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.9 44.9
 170 23.1 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.358 ng
 RT: 14.78 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BN000198.D
 Acq: 28 Feb 2018 09:03

Tgt Ion:152 Resp: 21635
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.7 23.5
 153 13.1 10.5 15.7

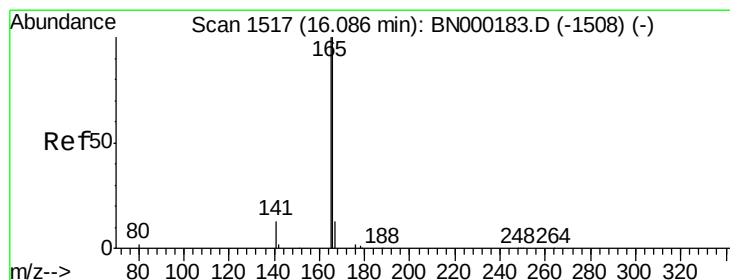
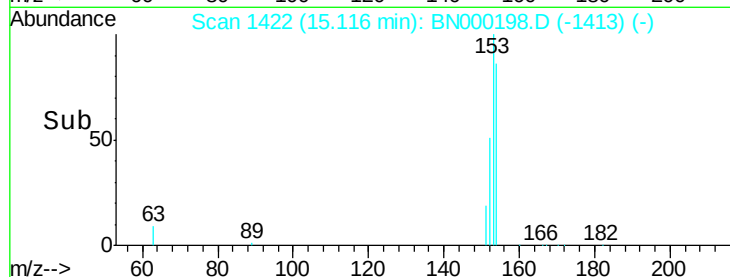
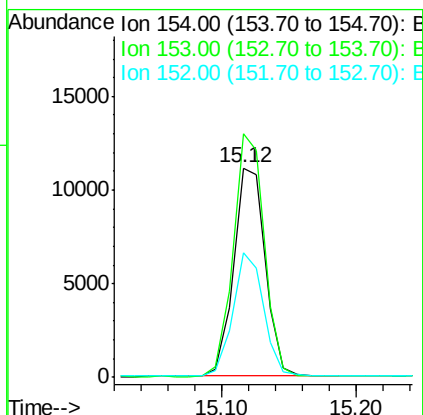
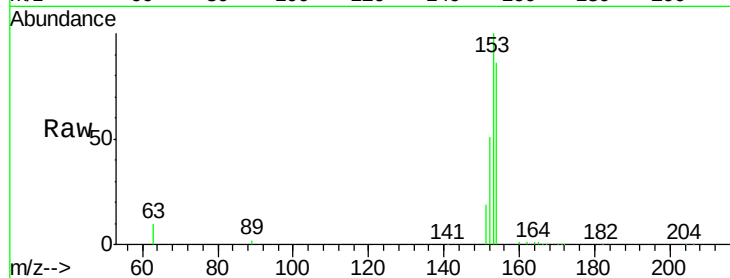




#17
Acenaphthene
Concen: 0.384 ng
RT: 15.12 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000198.D
Acq: 28 Feb 2018 09:03

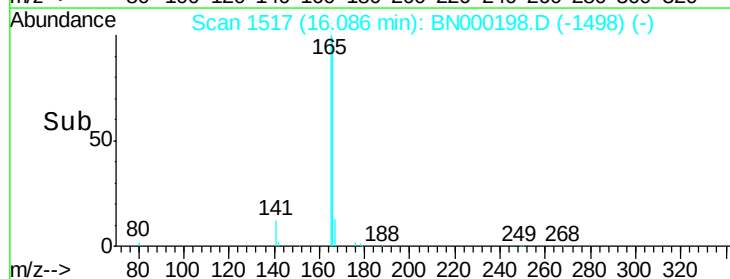
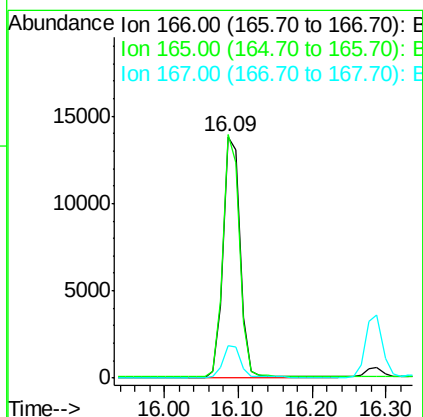
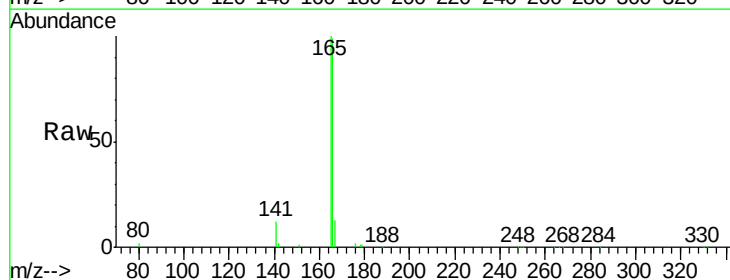
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

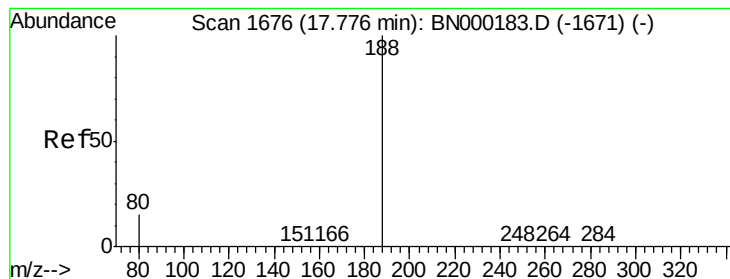
Tgt Ion:154 Resp: 18276
Ion Ratio Lower Upper
154 100
153 113.8 89.2 133.8
152 56.9 42.0 63.0



#18
Fluorene
Concen: 0.380 ng
RT: 16.09 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BN000198.D
Acq: 28 Feb 2018 09:03

Tgt Ion:166 Resp: 22541
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.6
167 13.3 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

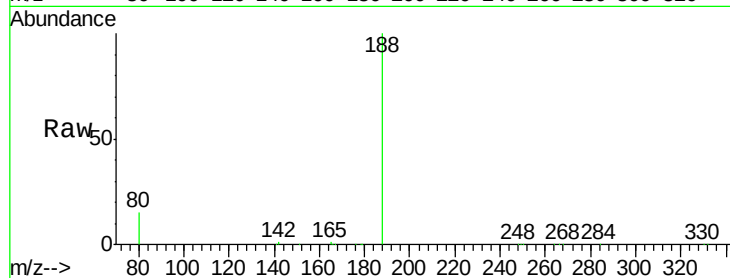
Tgt Ion:188 Resp: 28948

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 14.6 3.6 5.4#



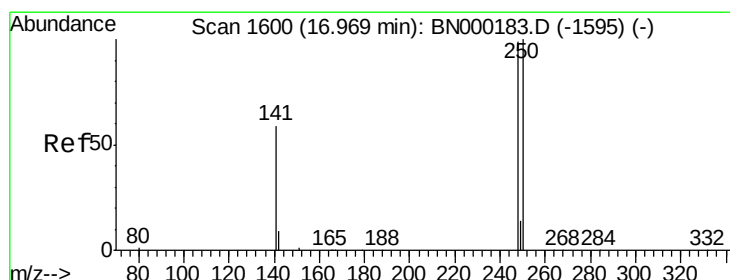
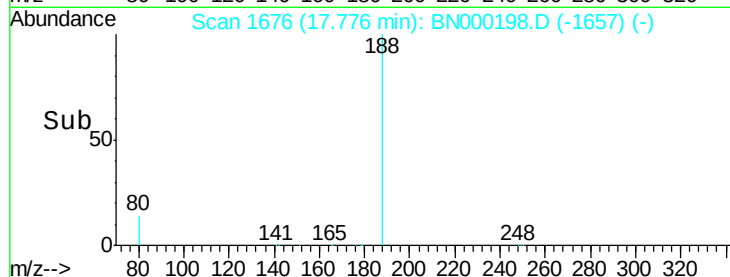
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

17.78

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.377 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

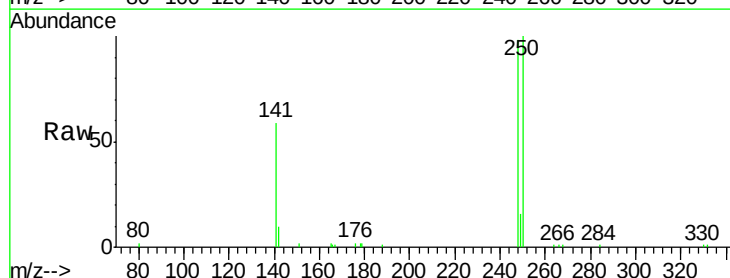
Tgt Ion:248 Resp: 6294

Ion Ratio Lower Upper

248 100

250 101.6 62.7 94.1#

141 60.4 48.2 72.2



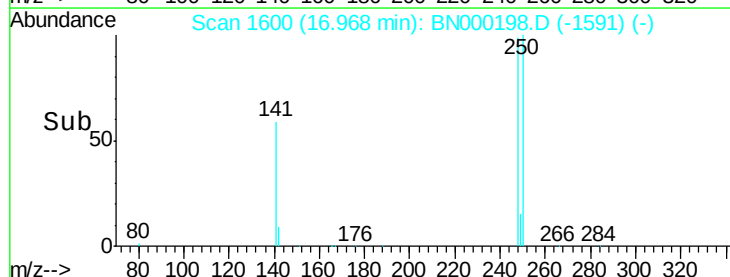
Abundance Ion 248.00 (247.70 to 248.70): E

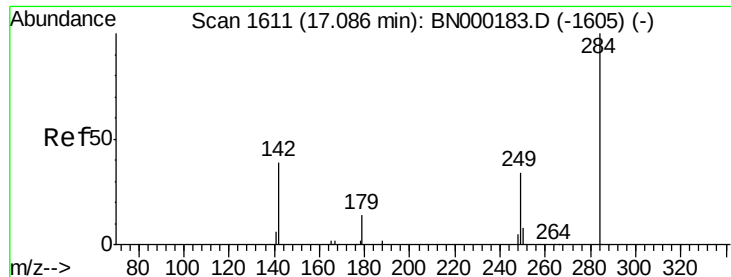
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.97

Time-->





#21

Hexachlorobenzene

Concen: 0.385 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

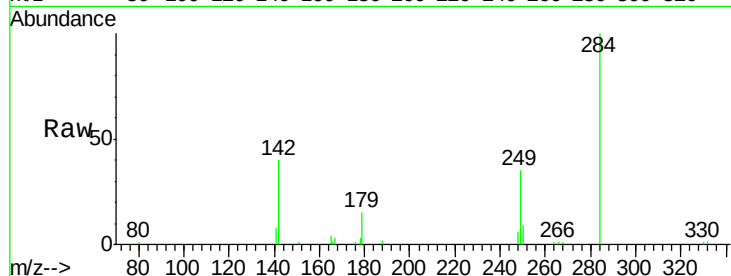
Tgt Ion:284 Resp: 8599

Ion Ratio Lower Upper

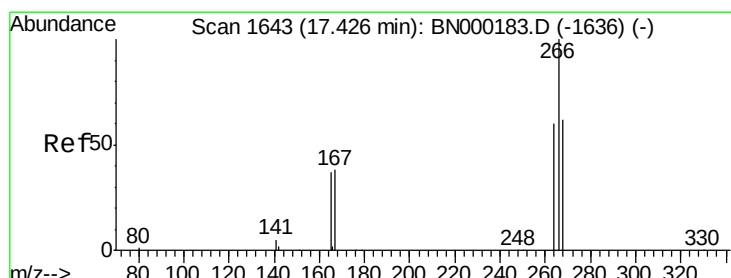
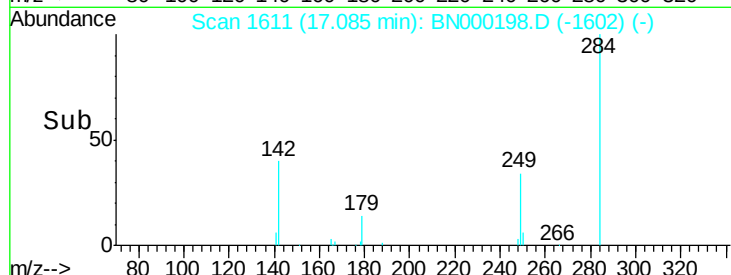
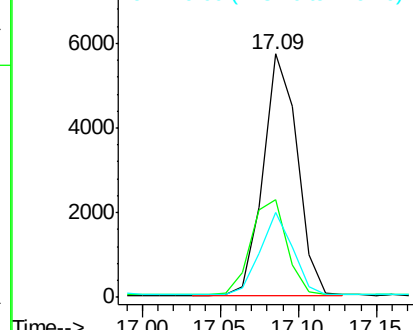
284 100

142 42.0 32.0 48.0

249 32.7 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: 0.381 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

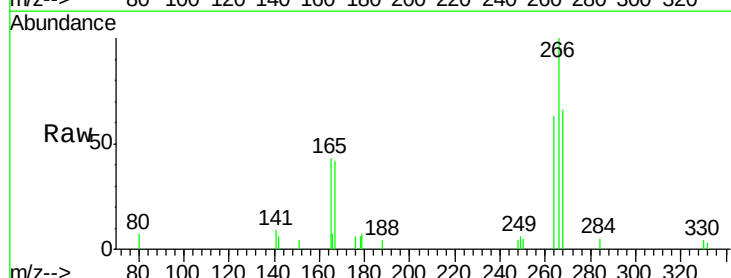
Tgt Ion:266 Resp: 1998

Ion Ratio Lower Upper

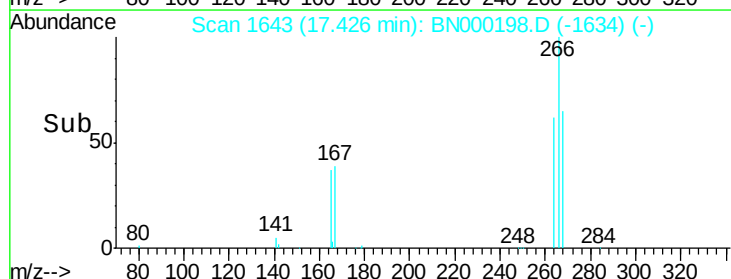
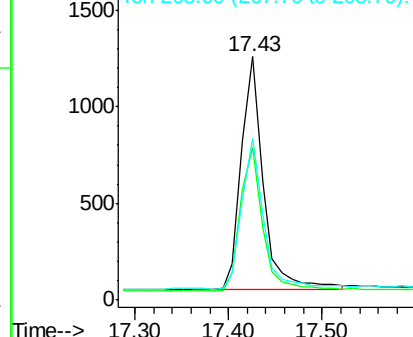
266 100

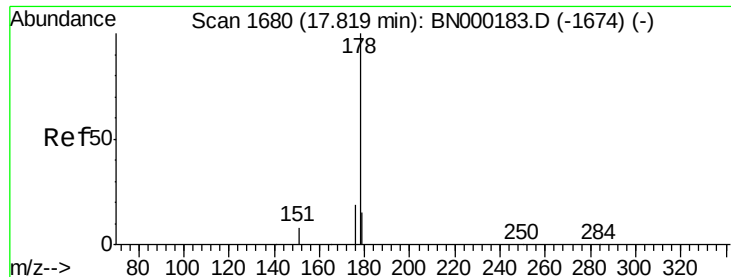
264 62.8 48.0 72.0

268 66.3 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: 0.375 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

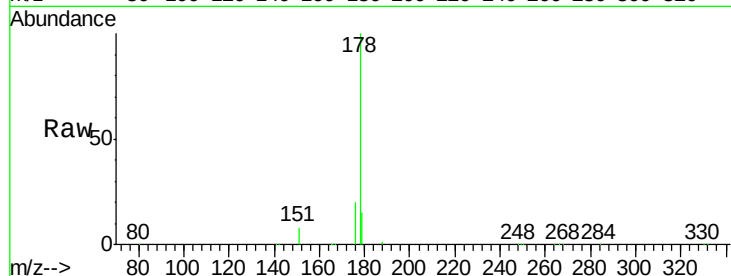
Tgt Ion:178 Resp: 38249

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

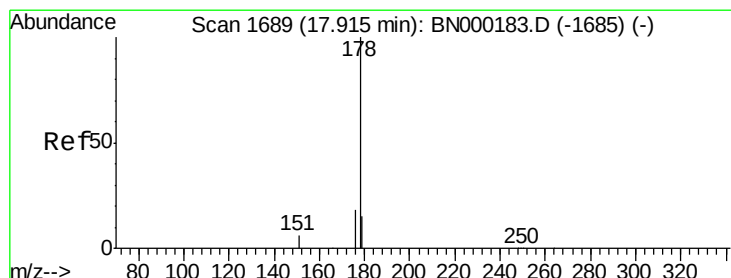
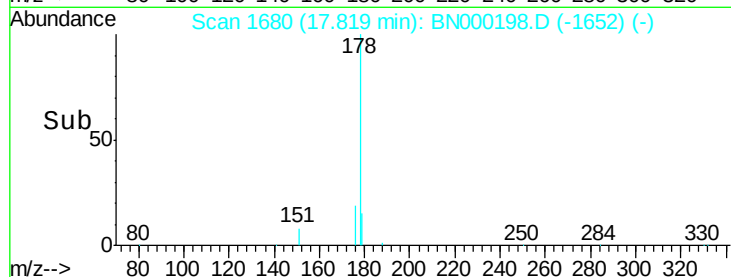
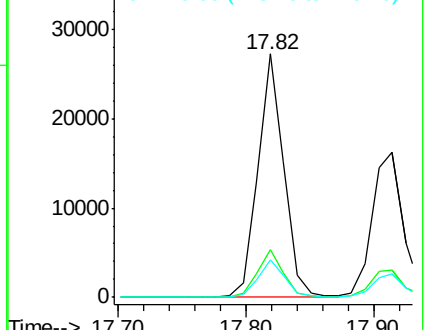
179 15.3 11.8 17.6



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: 0.356 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

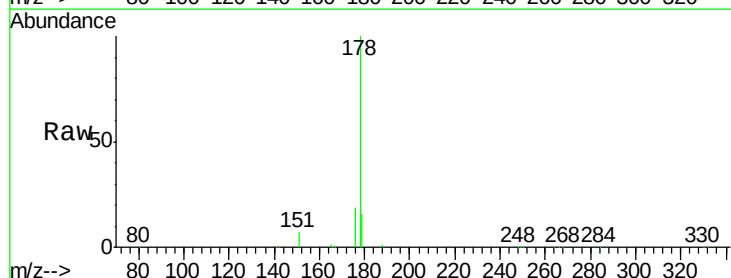
Tgt Ion:178 Resp: 27475

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

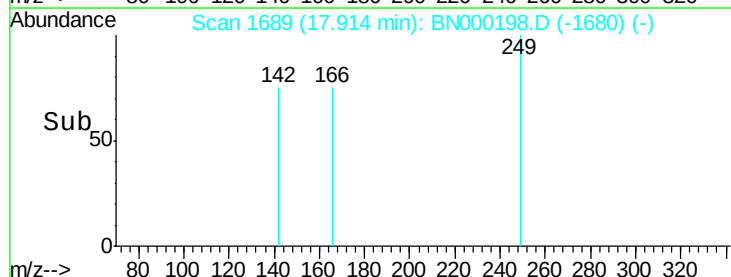
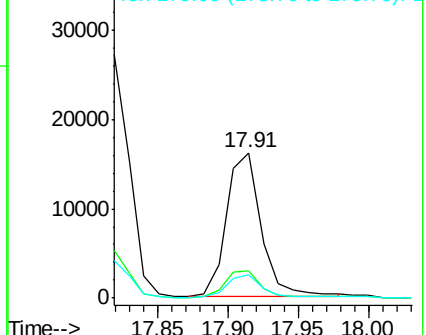
179 15.1 13.0 19.6

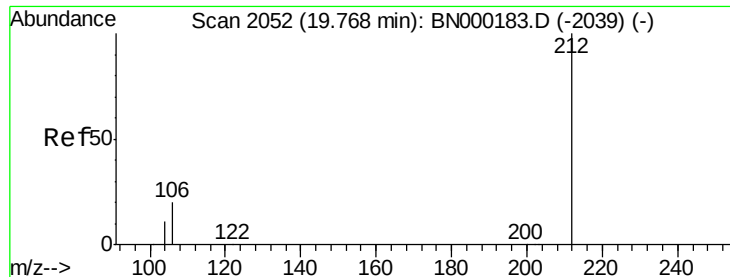


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

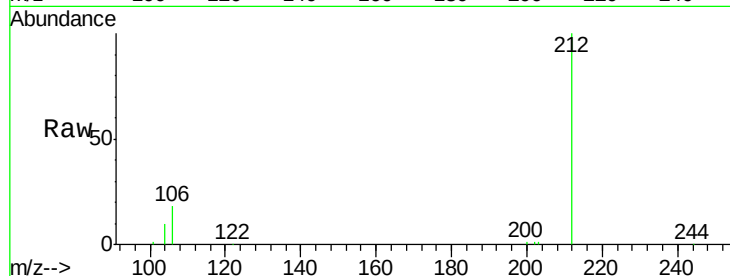
Tgt Ion:212 Resp: 27753

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

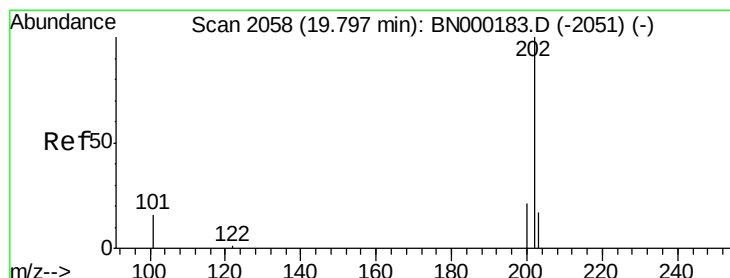
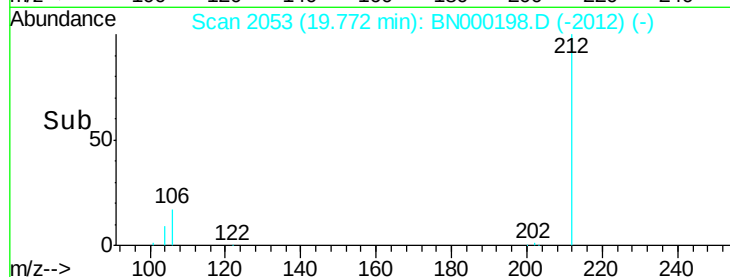
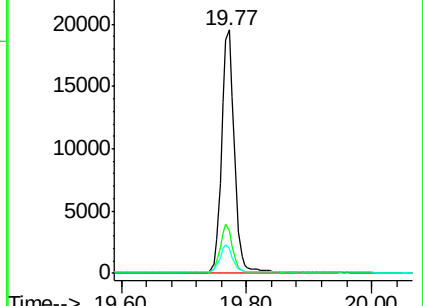
104 10.9 1.6 2.4#



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: 0.357 ng

RT: 19.80 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

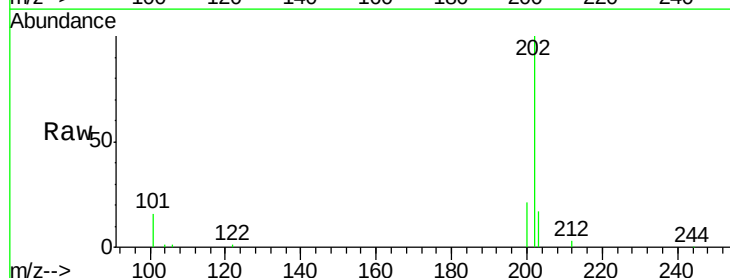
Tgt Ion:202 Resp: 37734

Ion Ratio Lower Upper

202 100

101 15.6 9.8 14.8#

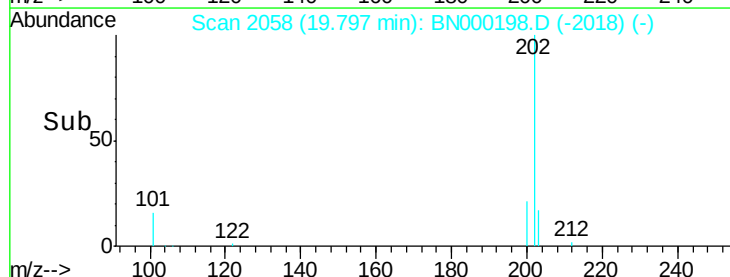
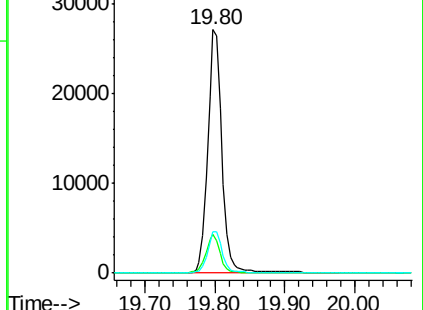
203 17.0 13.7 20.5

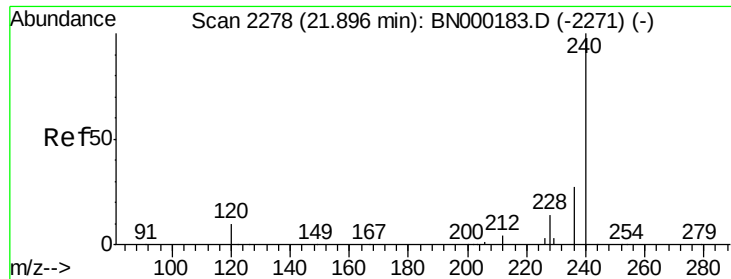


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.90 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

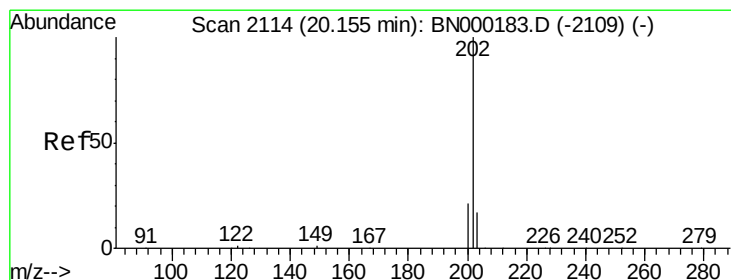
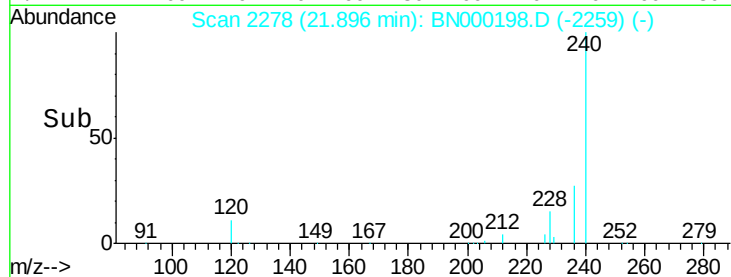
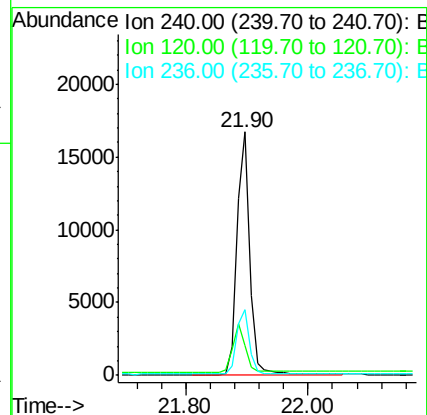
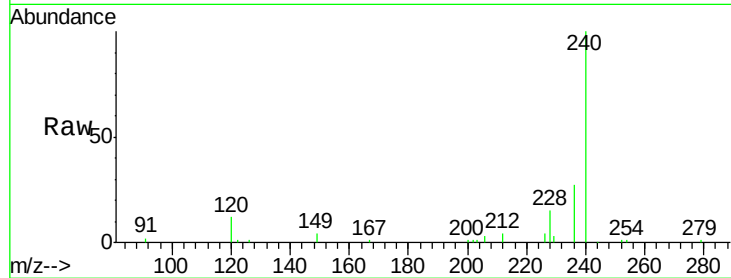
Tgt Ion:240 Resp: 24352

Ion Ratio Lower Upper

240 100

120 12.3 5.5 8.3#

236 27.1 20.7 31.1



#28

Pyrene

Concen: 0.401 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

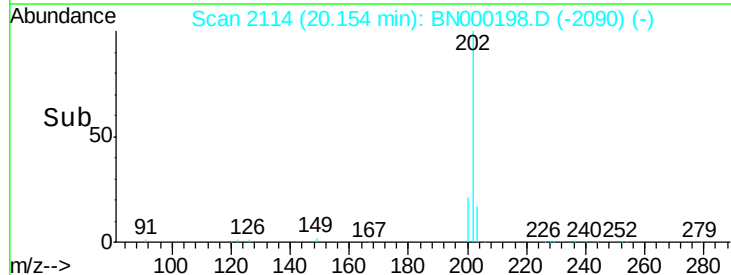
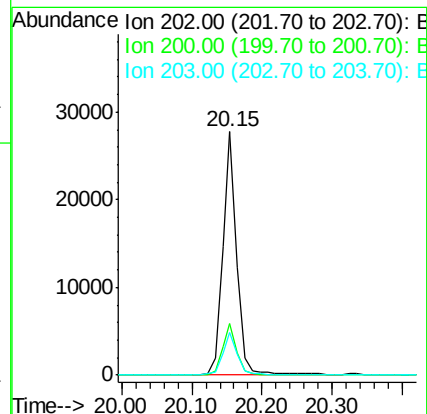
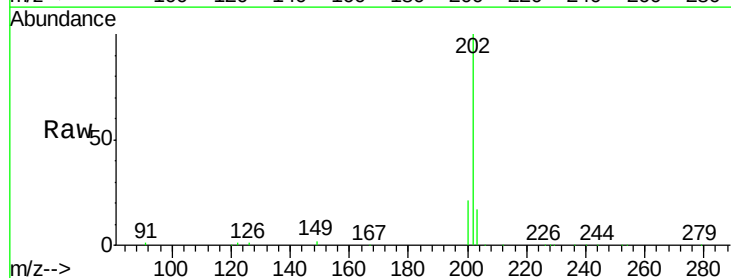
Tgt Ion:202 Resp: 38333

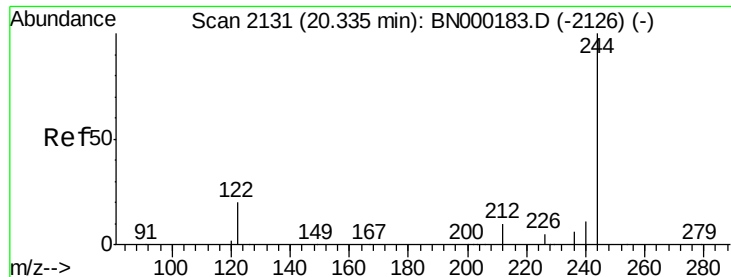
Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

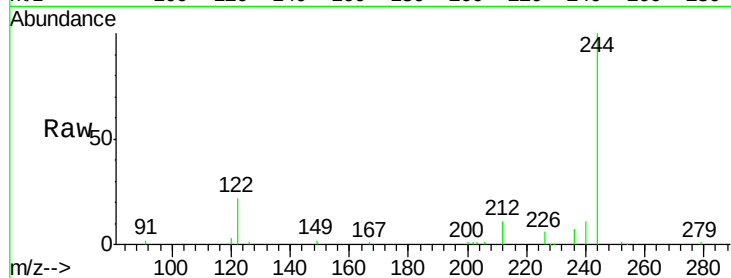
Tgt Ion:244 Resp: 16944

Ion Ratio Lower Upper

244 100

212 10.8 25.4 38.0#

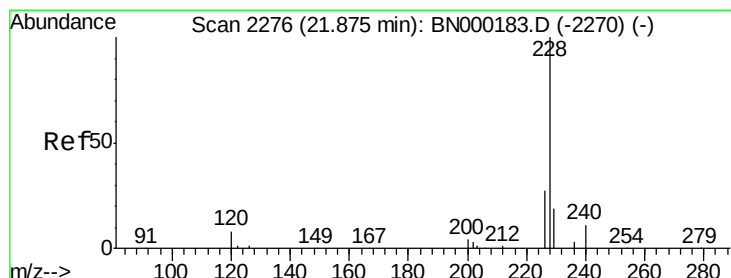
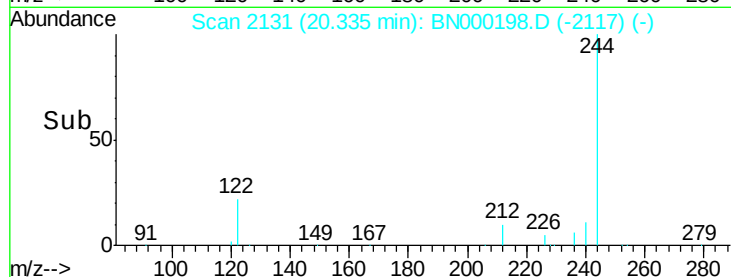
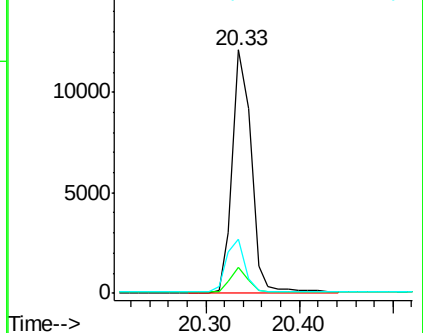
122 22.1 8.1 12.1#



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: 0.377 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

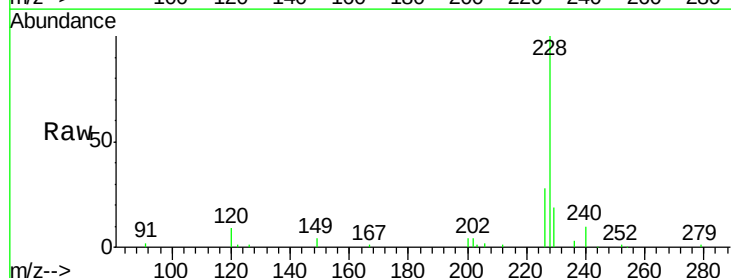
Tgt Ion:228 Resp: 28897

Ion Ratio Lower Upper

228 100

226 27.5 24.0 36.0

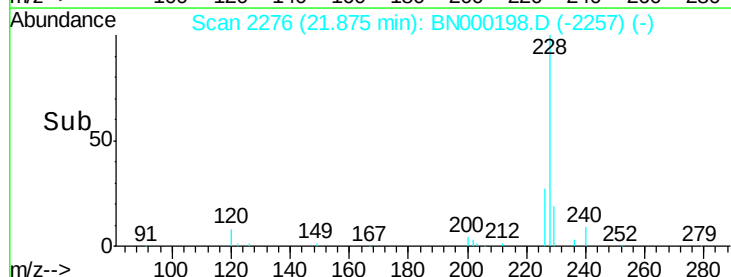
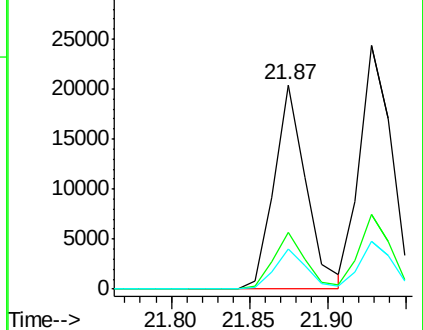
229 19.4 16.0 24.0

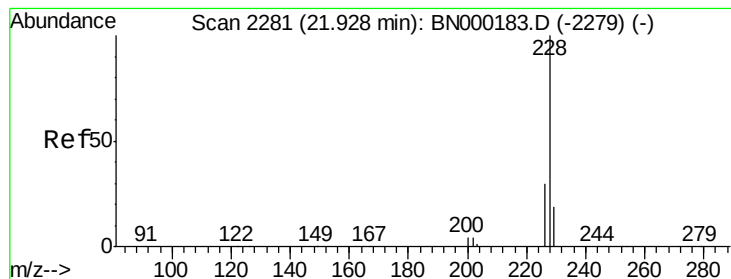


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.386 ng

RT: 21.93 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

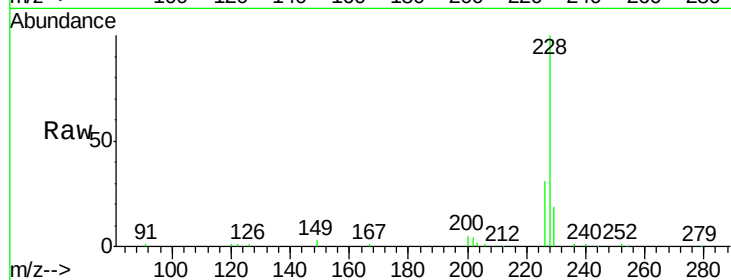
Tgt Ion:228 Resp: 34598

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

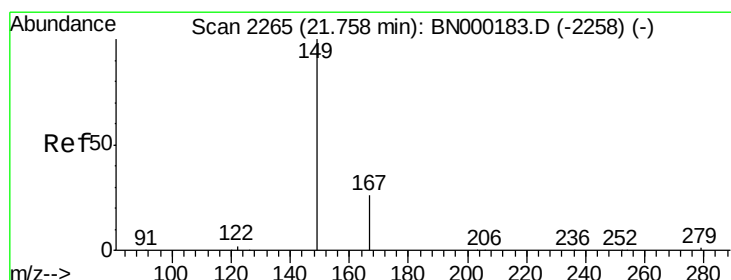
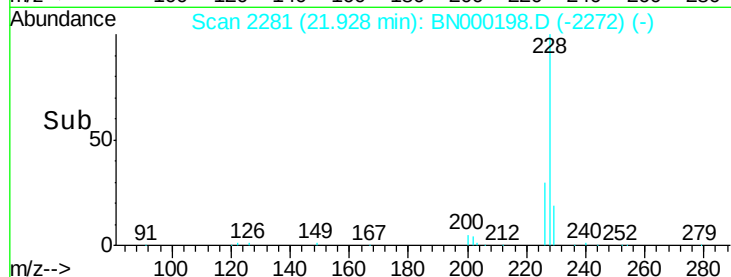
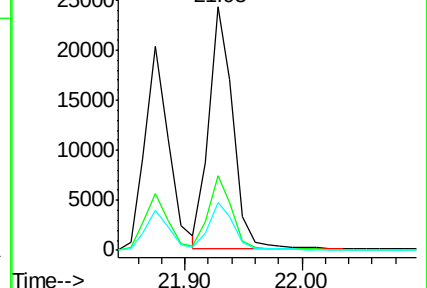
229 19.4 16.0 24.0



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: 0.373 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

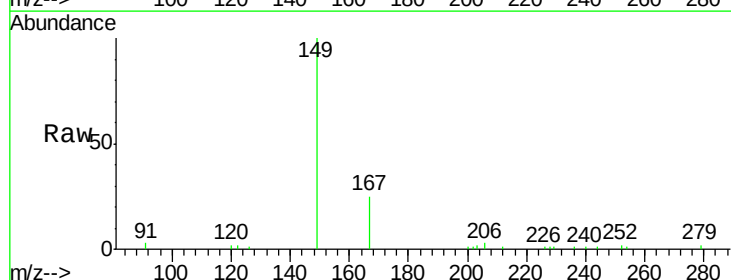
Tgt Ion:149 Resp: 10658

Ion Ratio Lower Upper

149 100

167 26.6 20.0 30.0

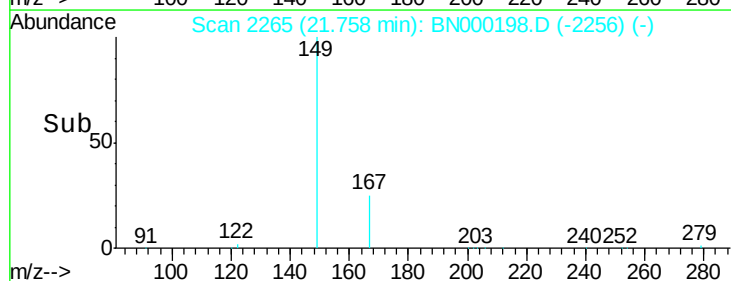
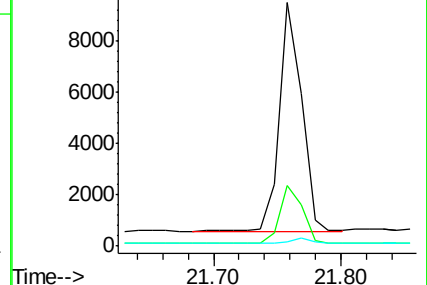
279 2.5 1.6 2.4#

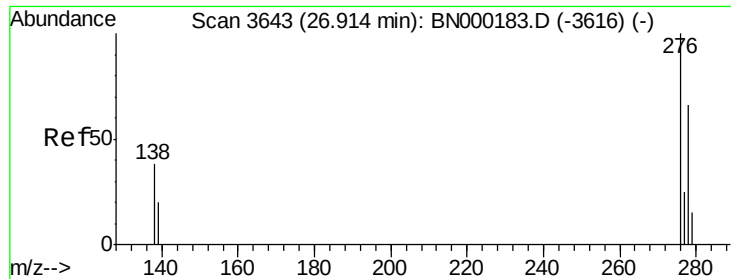


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.341 ng

RT: 26.92 min Scan# 3644

Delta R.T. 0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

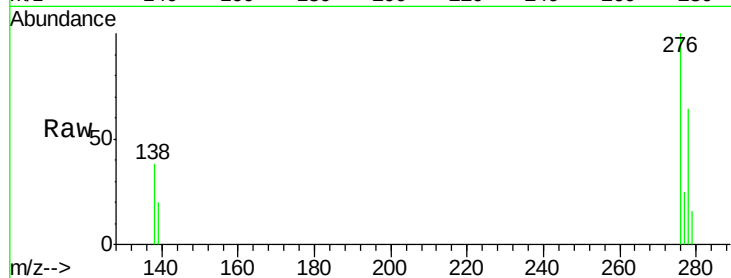
Tgt Ion:276 Resp: 28509

Ion Ratio Lower Upper

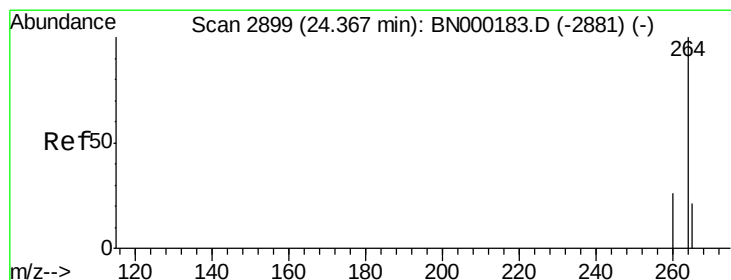
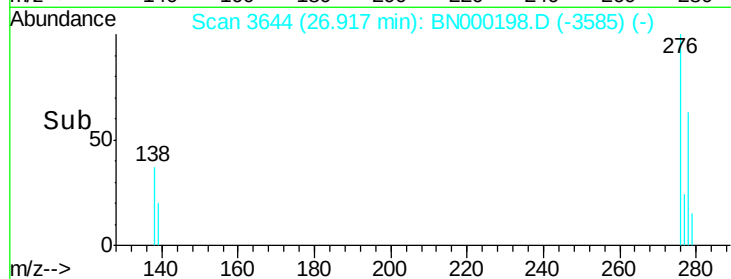
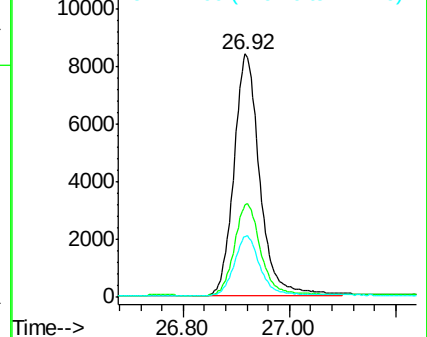
276 100

138 38.6 22.5 33.7#

277 24.9 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: 24.37 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

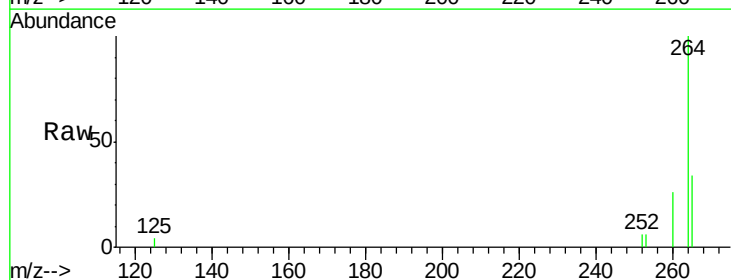
Tgt Ion:264 Resp: 19006

Ion Ratio Lower Upper

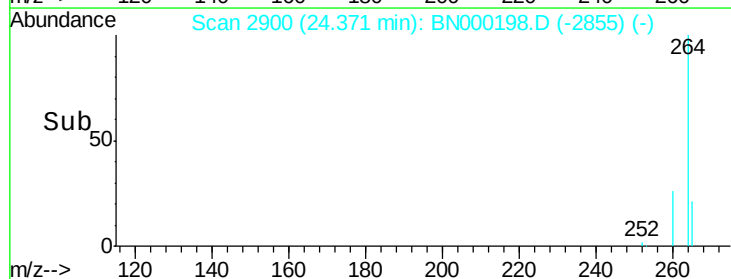
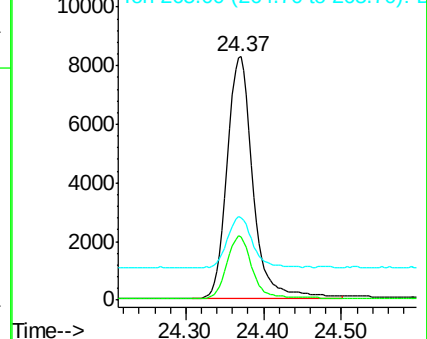
264 100

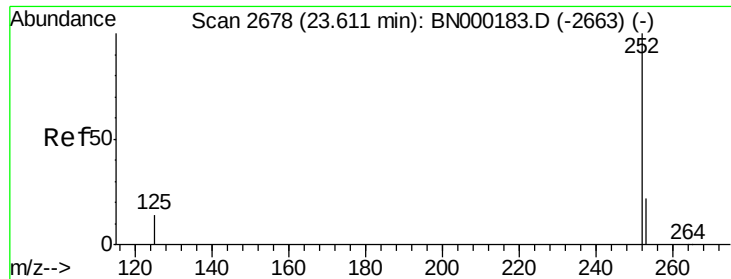
260 26.0 20.5 30.7

265 34.0 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: 0.381 ng

RT: 23.61 min Scan# 2679

Delta R.T. 0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

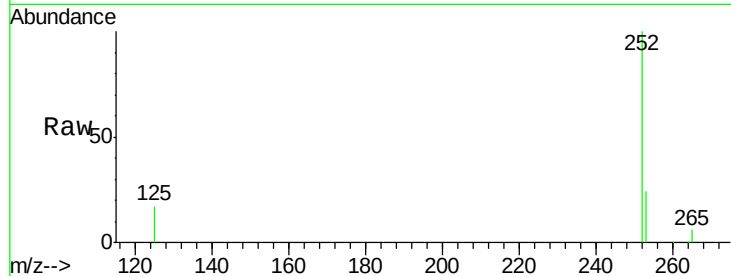
Tgt Ion:252 Resp: 33071

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

125 16.9 16.0 24.0

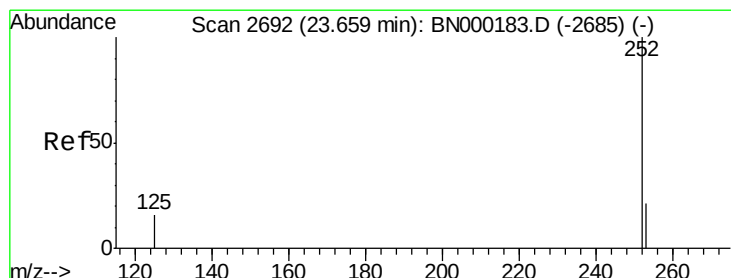
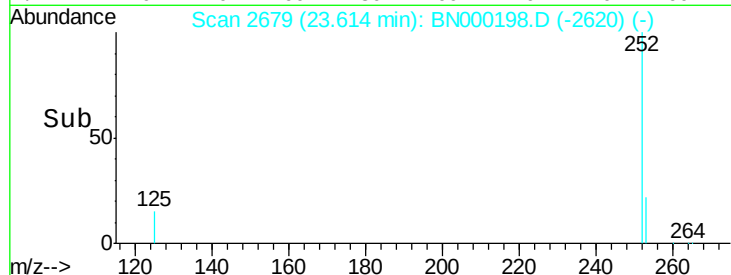
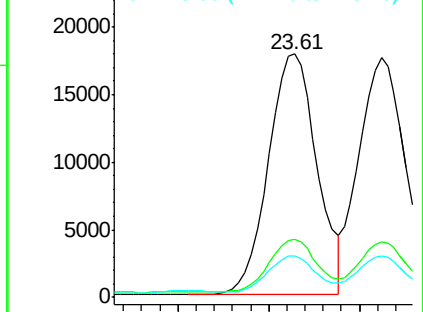


Abundance

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: 0.387 ng

RT: 23.66 min Scan# 2693

Delta R.T. 0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

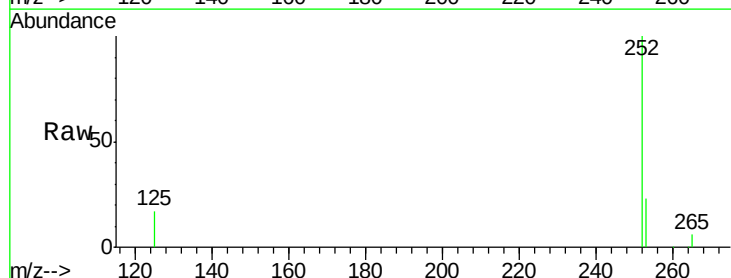
Tgt Ion:252 Resp: 32825

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

125 17.3 8.0 12.0#

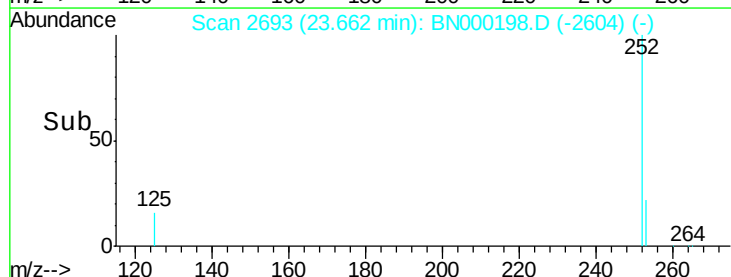
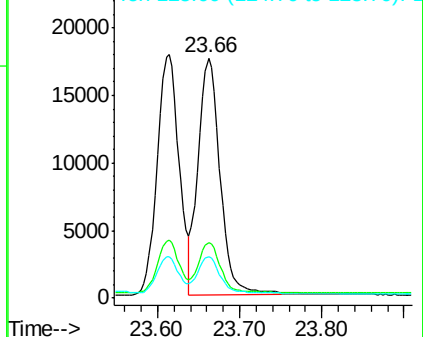


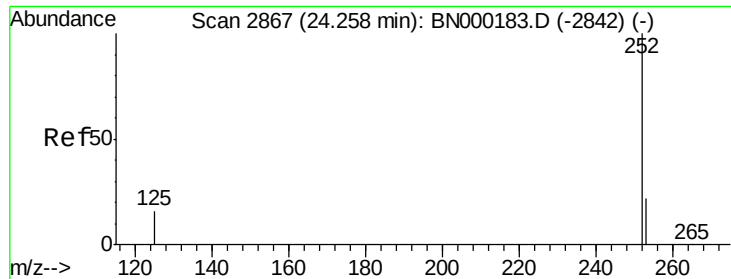
Abundance

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: 0.370 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

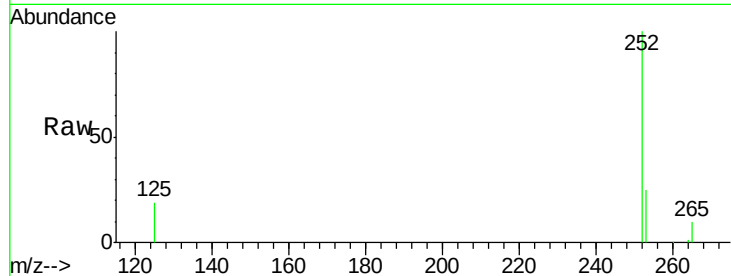
Tgt Ion:252 Resp: 26178

Ion Ratio Lower Upper

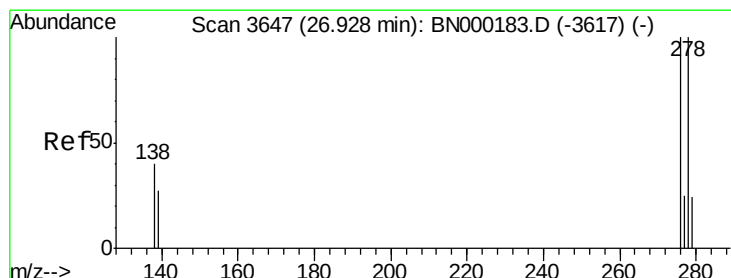
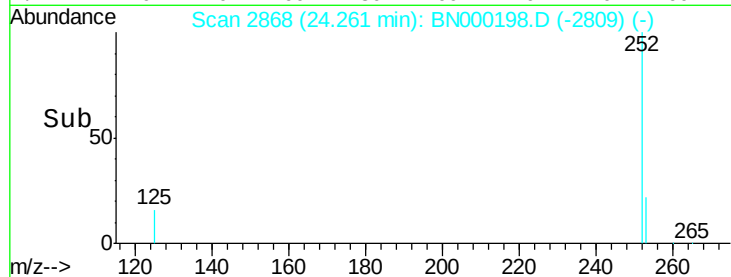
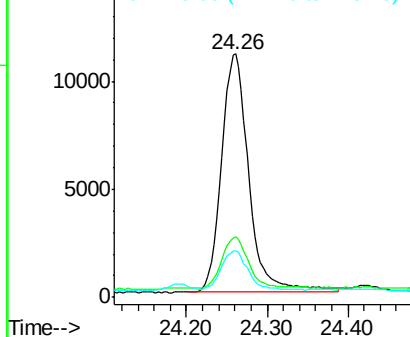
252 100

253 24.8 16.0 24.0#

125 19.1 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: 0.350 ng

RT: 26.93 min Scan# 3648

Delta R.T. 0.00 min

Lab File: BN000198.D

Acq: 28 Feb 2018 09:03

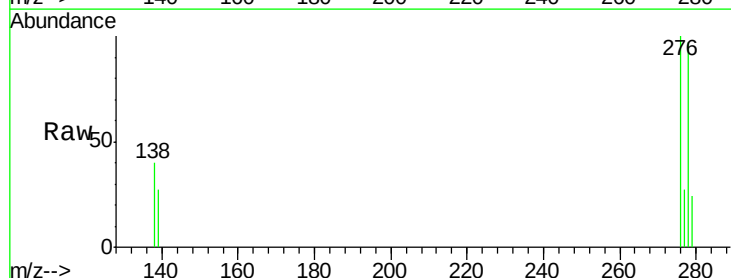
Tgt Ion:278 Resp: 22013

Ion Ratio Lower Upper

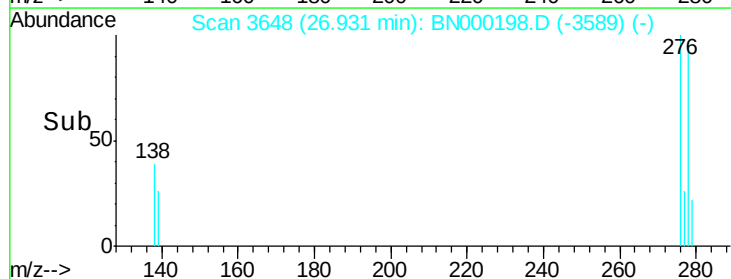
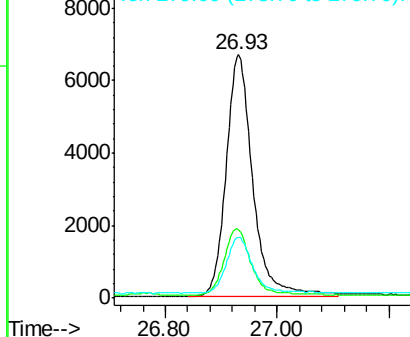
278 100

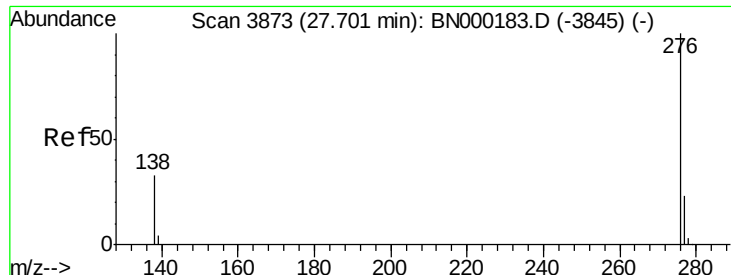
139 28.3 16.0 24.0#

279 25.0 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: 0.363 ng

RT: 27.70 min Scan# 3874

Delta R.T. 0.00 min

Lab File: BN000198.D

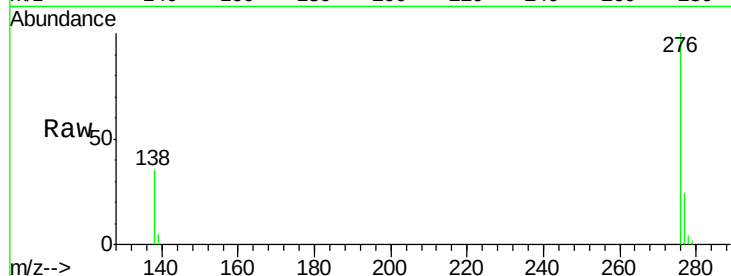
Acq: 28 Feb 2018 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



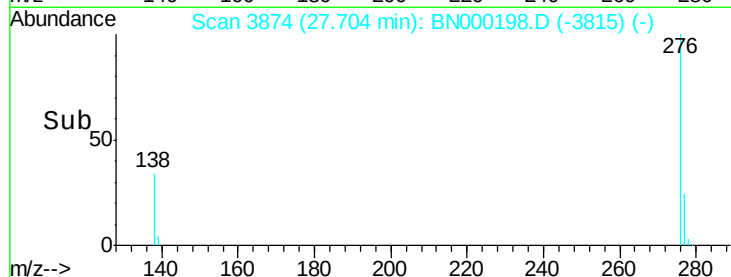
Tgt Ion: 276 Resp: 26970

Ion Ratio Lower Upper

276 100

277 24.3 16.0 24.0#

138 35.0 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

