

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
 Data File : BN000216.D
 Acq On : 01 Mar 2018 14:28
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 01 17:46:19 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	8.46	152	4611	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	17861	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9685	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	22601	0.40	ng	0.00
27) Chrysene-d12	21.89	240	21026	0.40	ng	0.00
34) Perylene-d12	24.37	264	16924	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	4135	0.42	ng	0.00
5) Phenol-d6	7.57	99	5207	0.42	ng	0.00
8) Nitrobenzene-d5	9.63	82	4073	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	11043	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1206	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	17612	0.38	ng	0.00
25) Fluoranthene-d10	19.77	212	22387	0.37	ng	0.00
29) Terphenyl-d14	20.33	244	14068	0.38	ng	0.00

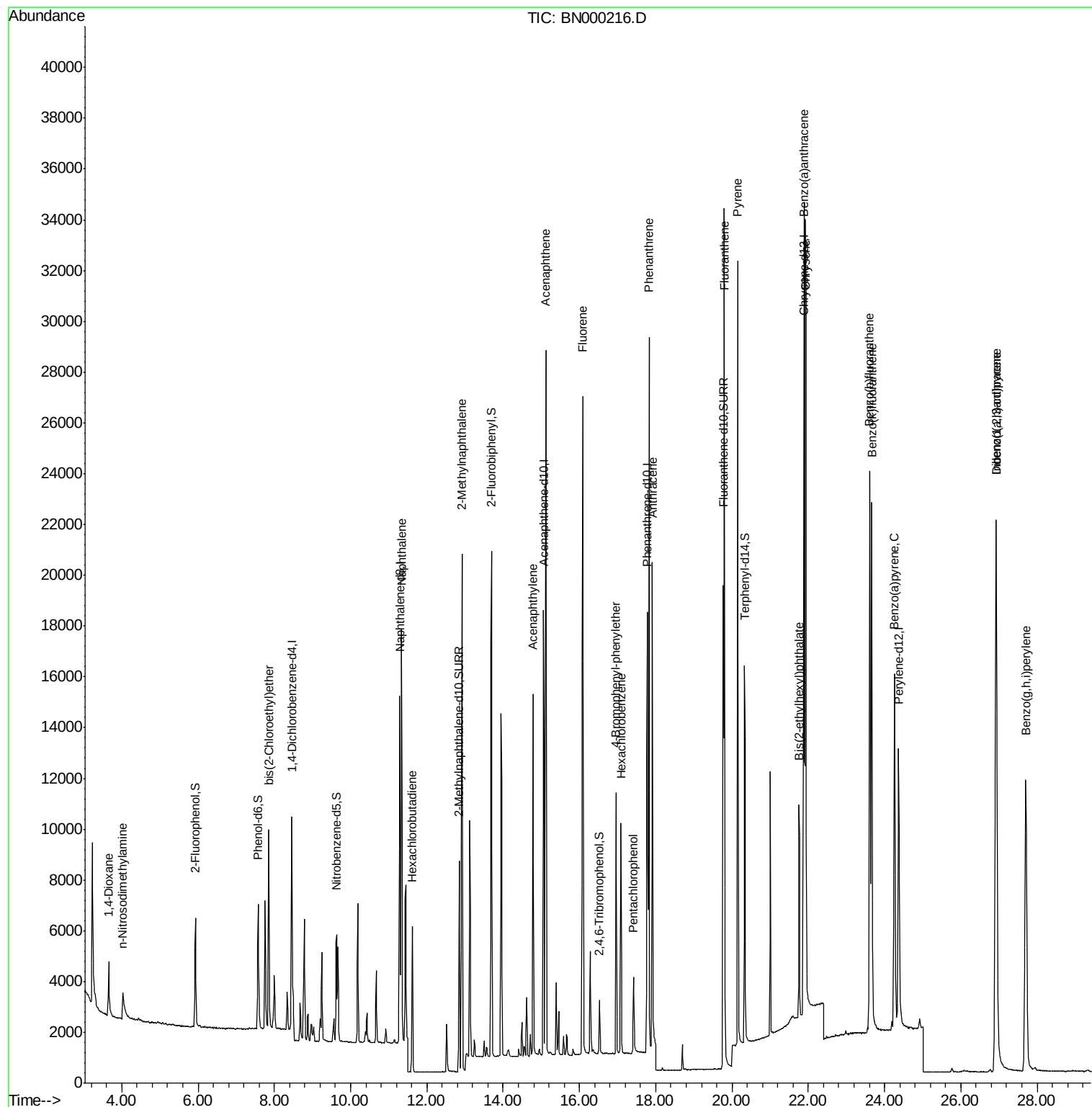
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2029	0.425	ng	93
3) n-Nitrosodimethylamine	4.03	42	1037	0.342	ng	# 92
6) bis(2-Chloroethyl)ether	7.85	93	6472	0.412	ng	98
9) Naphthalene	11.34	128	21178	0.406	ng	97
10) Hexachlorobutadiene	11.62	225	3611	0.408	ng	97
12) 2-Methylnaphthalene	12.92	142	13824	0.404	ng	100
16) Acenaphthylene	14.79	152	15876	0.348	ng	99
17) Acenaphthene	15.12	154	13644	0.379	ng	98
18) Fluorene	16.09	166	16928	0.377	ng	# 79
20) 4-Bromophenyl-phenylether	16.96	248	4795	0.368	ng	# 71
21) Hexachlorobenzene	17.09	284	6476	0.372	ng	96
22) Pentachlorophenol	17.42	266	1575	0.384	ng	97
23) Phenanthrene	17.82	178	29717	0.374	ng	98
24) Anthracene	17.91	178	21344	0.354	ng	96
26) Fluoranthene	19.80	202	29786	0.361	ng	# 96
28) Pyrene	20.15	202	30694	0.372	ng	100
30) Benzo(a)anthracene	21.87	228	24708	0.373	ng	97
31) Chrysene	21.93	228	29957	0.387	ng	98
32) Bis(2-ethylhexyl)phthalate	21.76	149	8637	0.350	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.92	276	27076	0.375	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	28932	0.374	ng	96
36) Benzo(k)fluoranthene	23.66	252	28751	0.380	ng	# 88
37) Benzo(a)pyrene	24.26	252	23091	0.367	ng	# 90
38) Dibenzo(a,h)anthracene	26.93	278	21335	0.381	ng	# 91
39) Benzo(g,h,i)perylene	27.71	276	25111	0.380	ng	# 86

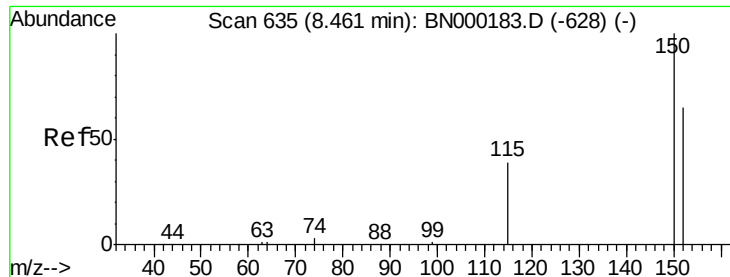
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 674

Delta R.T. -0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

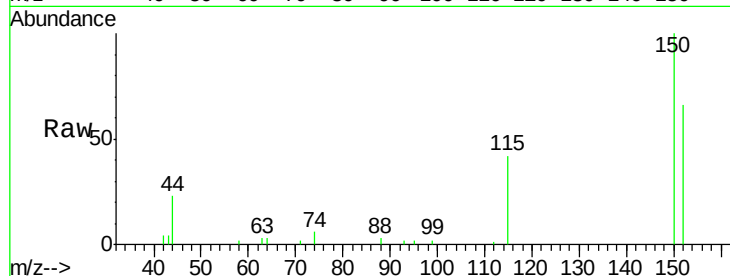
Tgt Ion:152 Resp: 4611

Ion Ratio Lower Upper

152 100

150 151.7 117.2 175.8

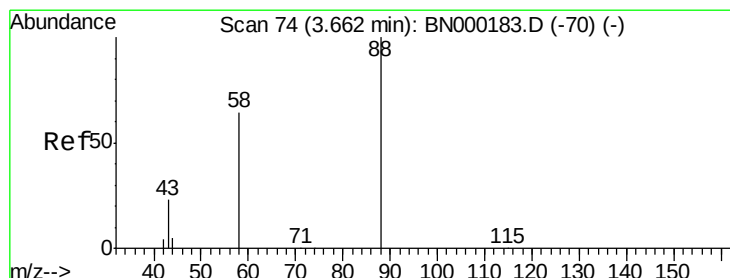
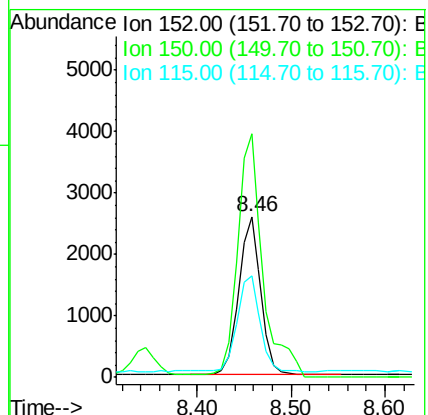
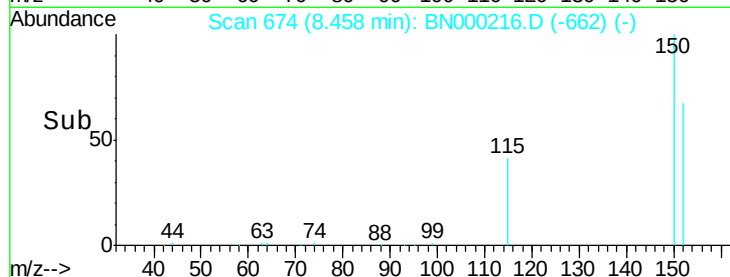
115 63.5 57.0 85.6



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: 0.425 ng

RT: 3.66 min Scan# 78

Delta R.T. -0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

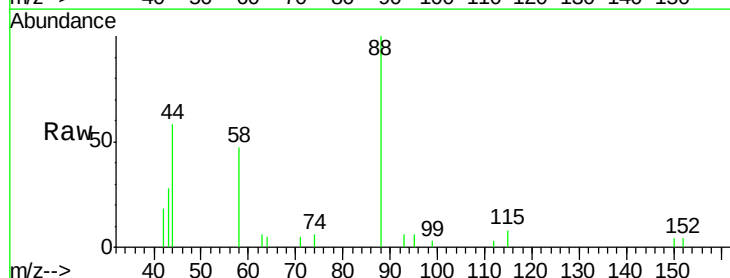
Tgt Ion: 88 Resp: 2029

Ion Ratio Lower Upper

88 100

58 67.2 48.0 72.0

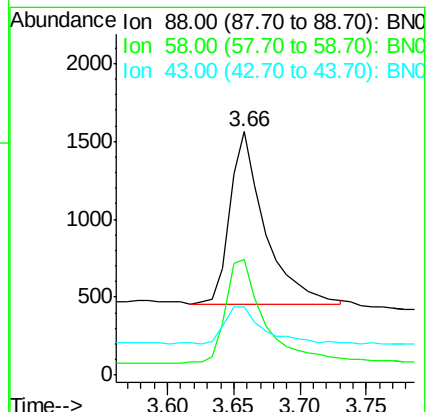
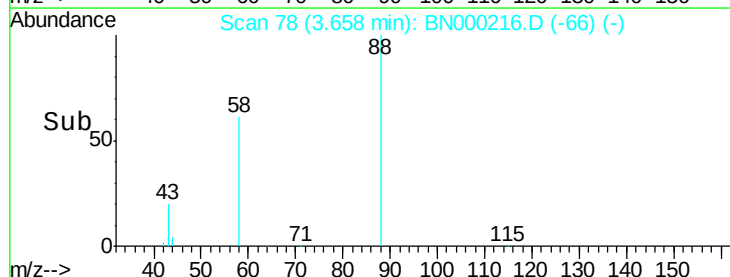
43 24.5 20.0 30.0

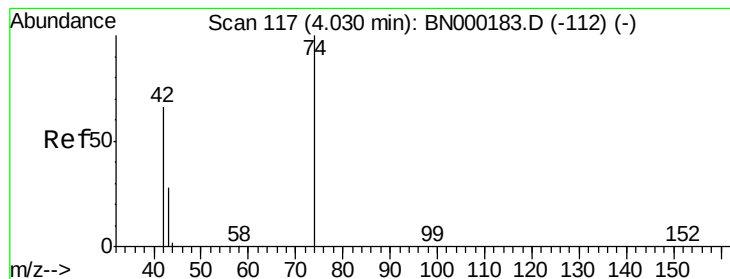


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



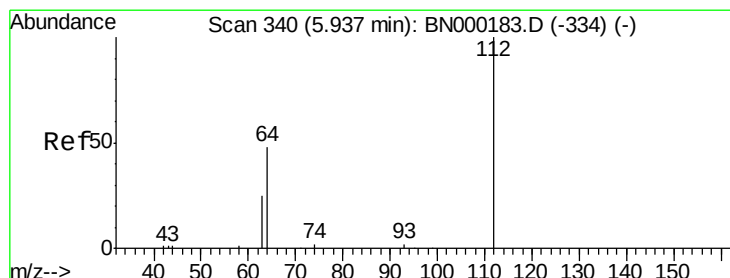
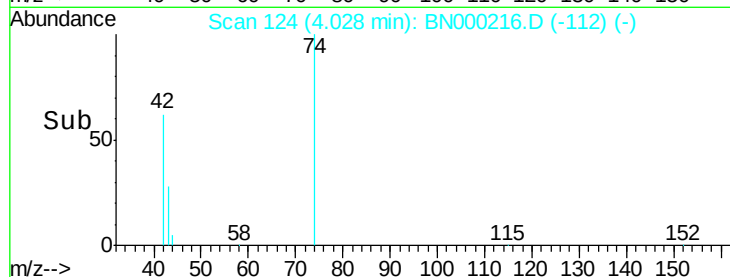
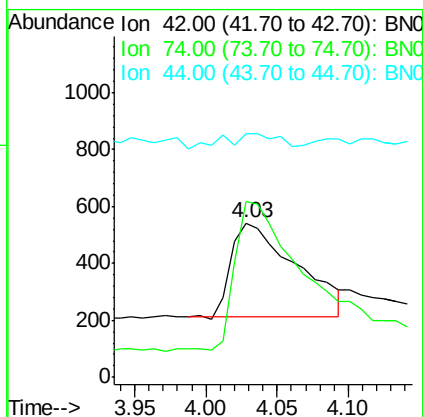
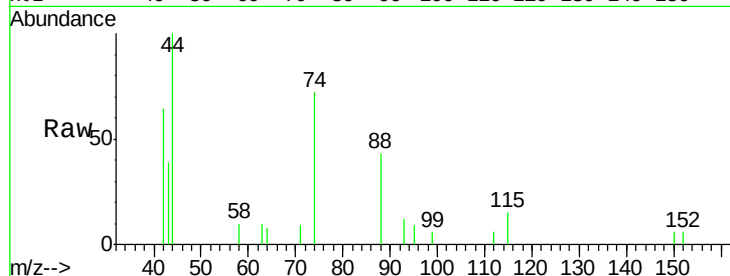


#3

n-Nitrosodimethylamine
 Concen: 0.342 ng
 RT: 4.03 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BN000216.D
 Acq: 01 Mar 2018 14:28

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

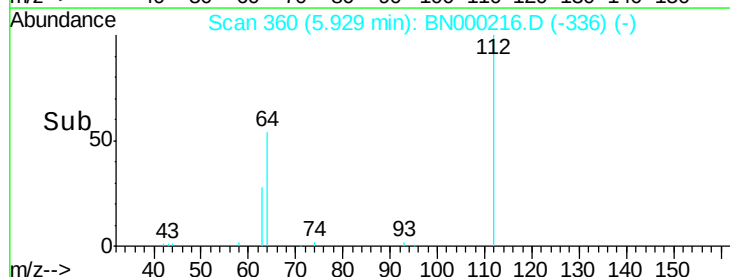
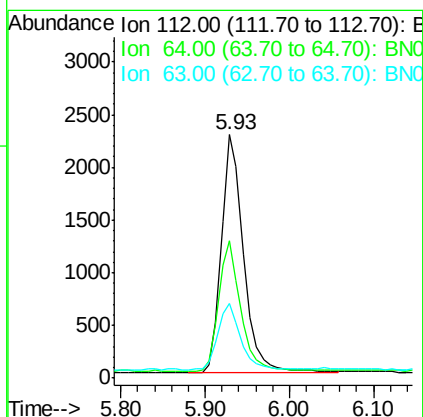
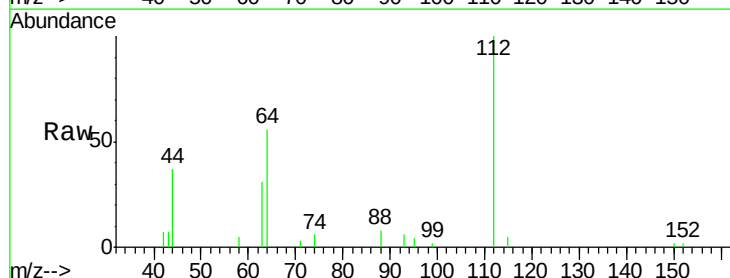
Tgt Ion: 42 Resp: 1037
 Ion Ratio Lower Upper
 42 100
 74 160.0 120.0 180.0
 44 13.7 4.0 6.0#

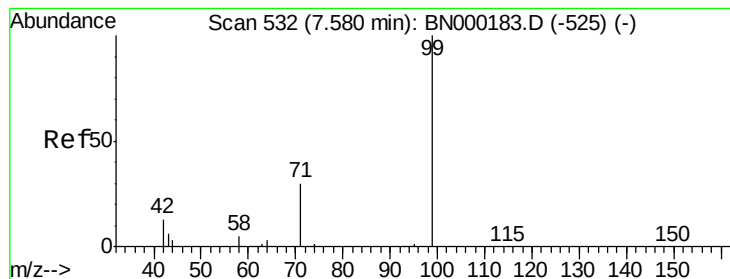


#4

2-Fluorophenol
 Concen: 0.425 ng
 RT: 5.93 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: BN000216.D
 Acq: 01 Mar 2018 14:28

Tgt Ion: 112 Resp: 4135
 Ion Ratio Lower Upper
 112 100
 64 53.3 60.1 90.1#
 63 27.7 116.8 175.2#





#5

Phenol-d6

Concen: 0.421 ng

RT: 7.57 min Scan# 564

Delta R.T. -0.01 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

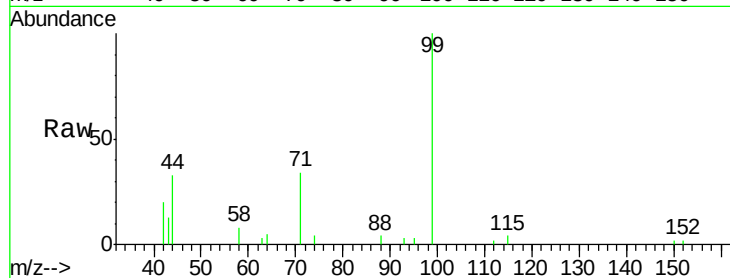
Instrument :

BNA_N

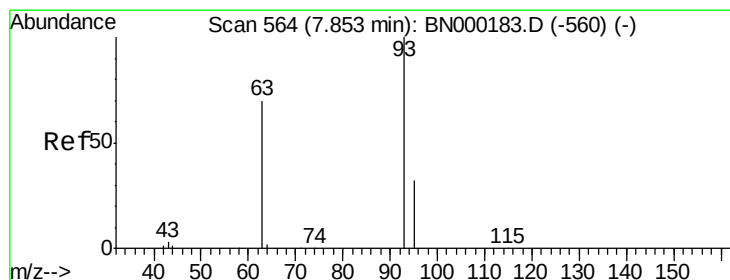
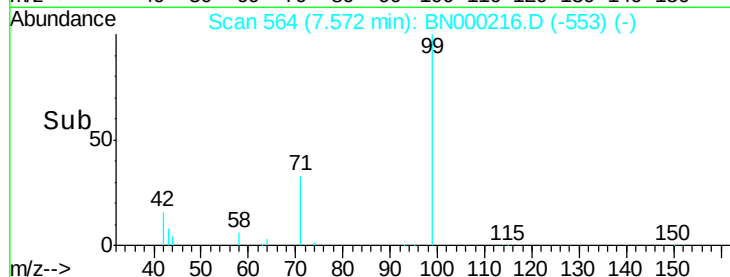
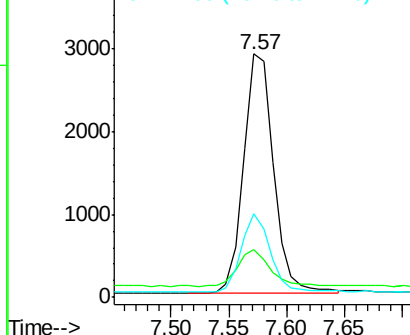
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	99	Resp:	5207
Ion	Ratio	Lower	Upper
99	100		
42	16.8	20.2	30.2#
71	31.3	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: 0.412 ng

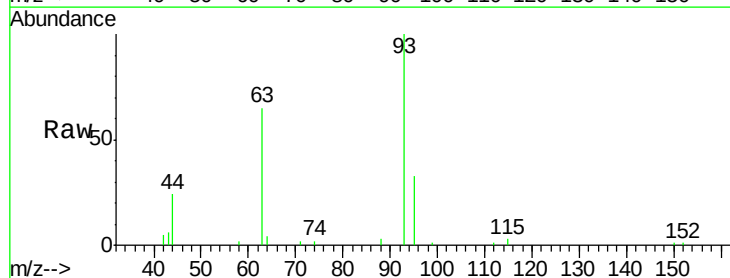
RT: 7.85 min Scan# 599

Delta R.T. 0.00 min

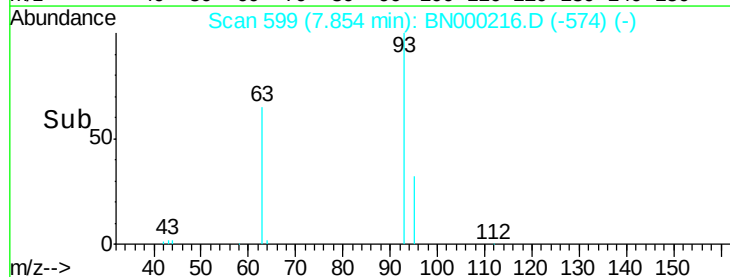
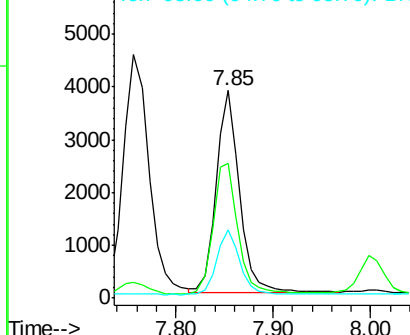
Lab File: BN000216.D

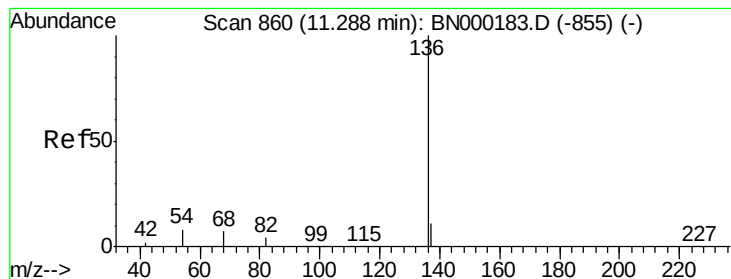
Acq: 01 Mar 2018 14:28

Tgt Ion:	93	Resp:	6472
Ion	Ratio	Lower	Upper
93	100		
63	68.1	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# 900

Delta R.T. 0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 17861

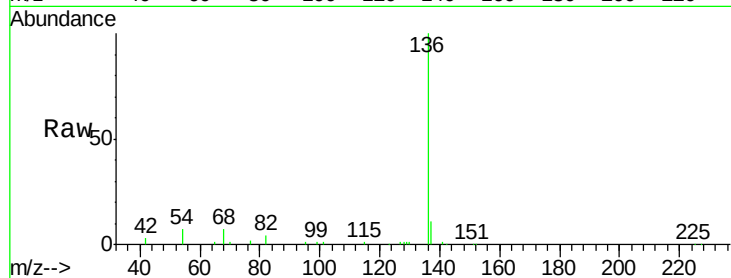
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 7.1 29.1 43.7#

68 6.8 6.2 9.2

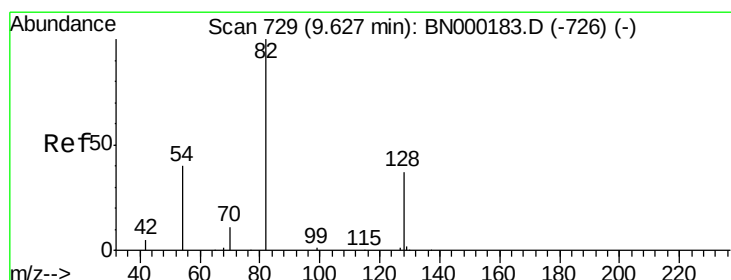
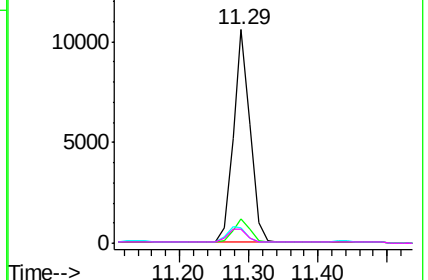
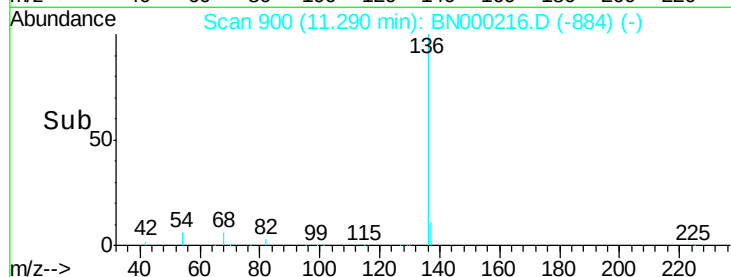


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.385 ng

RT: 9.63 min Scan# 769

Delta R.T. 0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

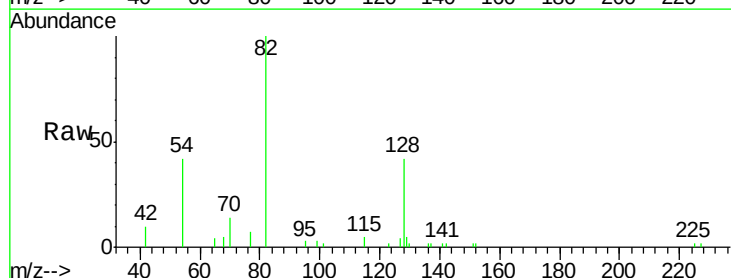
Tgt Ion: 82 Resp: 4073

Ion Ratio Lower Upper

82 100

128 41.9 150.0 225.0#

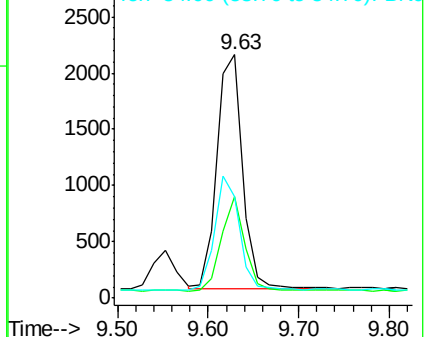
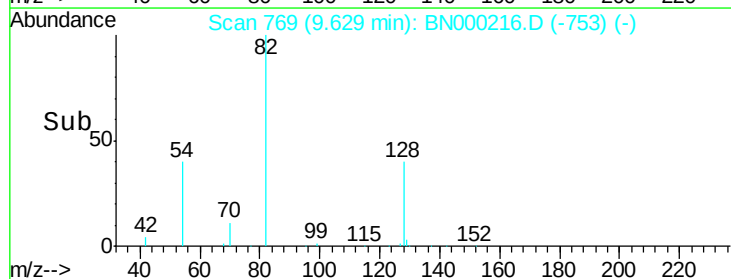
54 42.0 154.2 231.4#

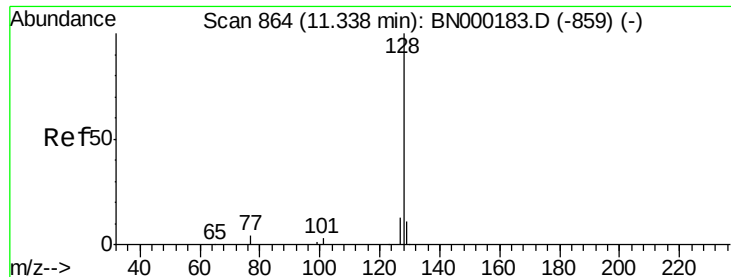


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

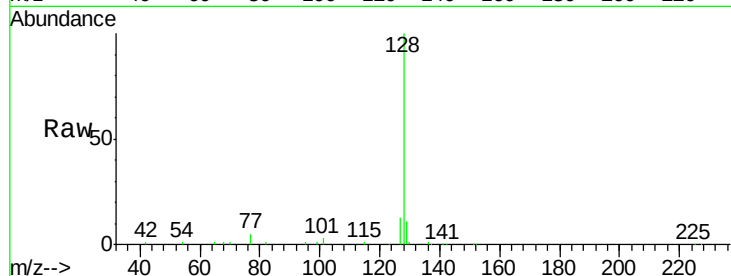
Tgt Ion:128 Resp: 21178

Ion Ratio Lower Upper

128 100

129 11.2 8.0 12.0

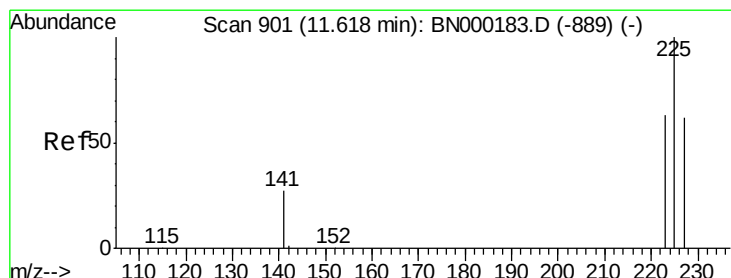
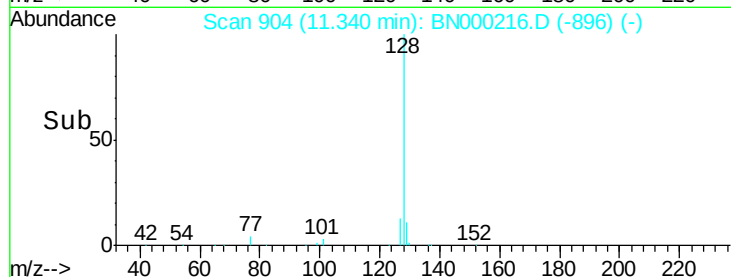
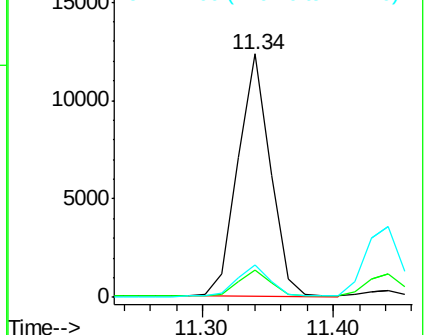
127 13.1 9.6 14.4



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: BN000216.D

Acq: 01 Mar 2018 14:28

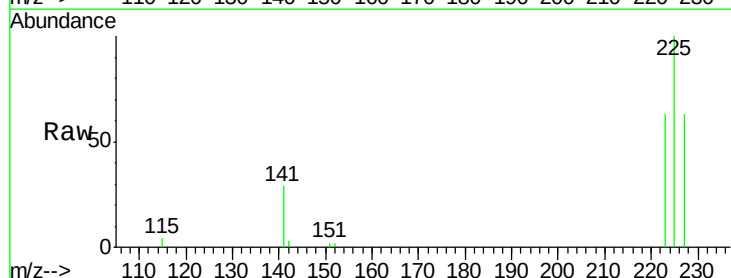
Tgt Ion:225 Resp: 3611

Ion Ratio Lower Upper

225 100

223 62.3 53.0 79.6

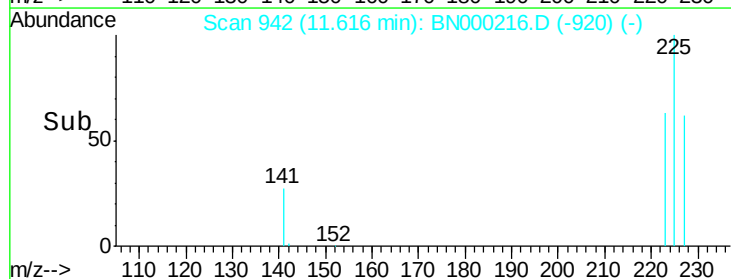
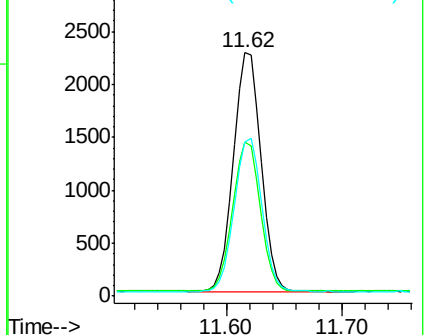
227 63.9 51.4 77.2

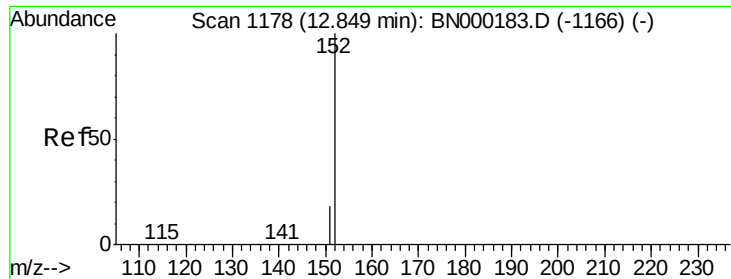


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

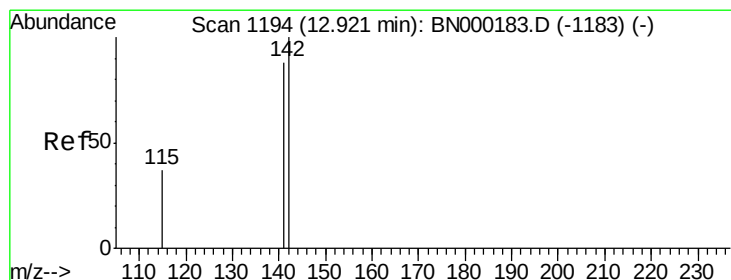
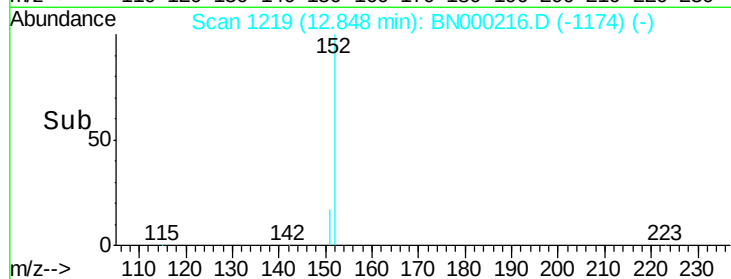
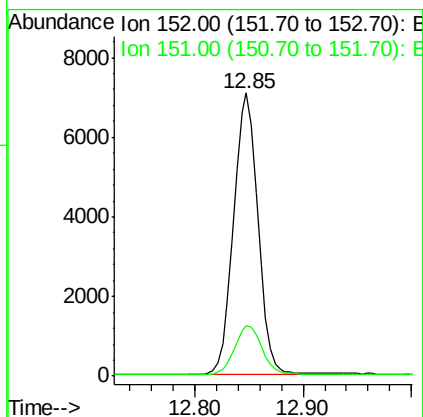
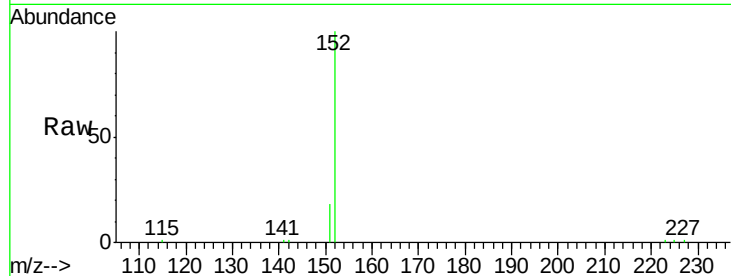




#11
 2-Methylnaphthalene-d10
 Concen: 0.411 ng
 RT: 12.85 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BN000216.D
 Acq: 01 Mar 2018 14:28

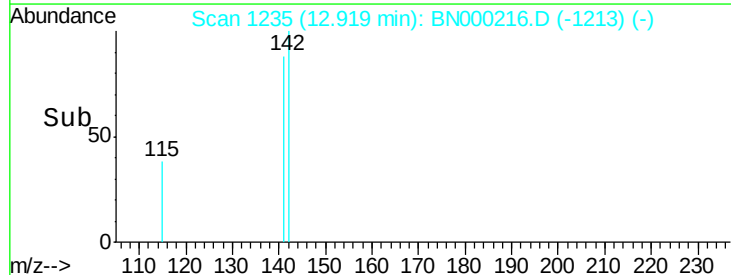
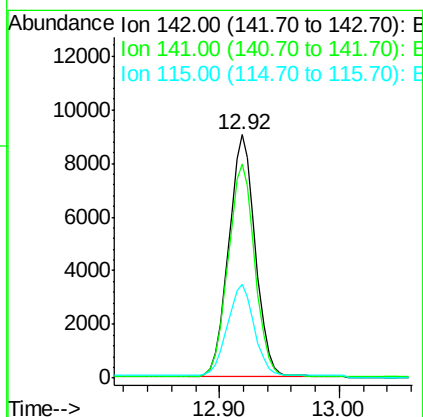
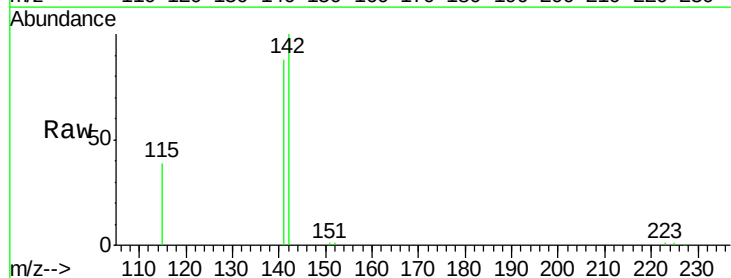
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

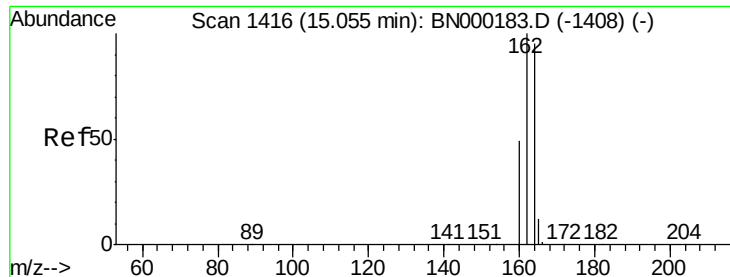
Tgt Ion:152 Resp: 11043
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.404 ng
 RT: 12.92 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BN000216.D
 Acq: 01 Mar 2018 14:28

Tgt Ion:142 Resp: 13824
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.4 105.6
 115 38.7 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

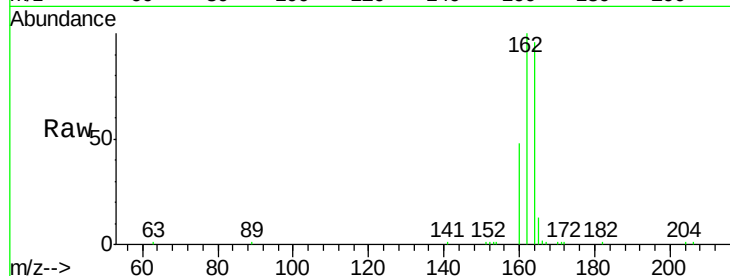
Tgt Ion:164 Resp: 9685

Ion Ratio Lower Upper

164 100

162 104.1 83.1 124.7

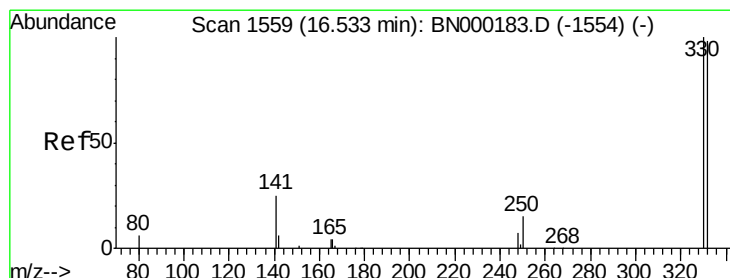
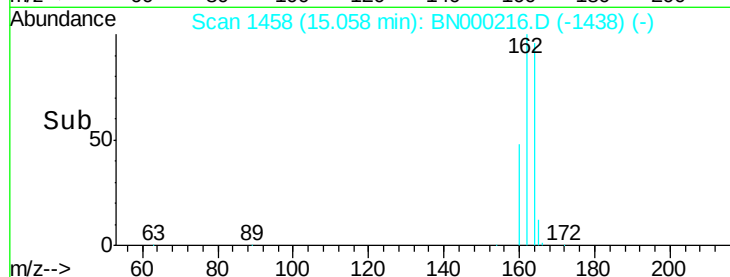
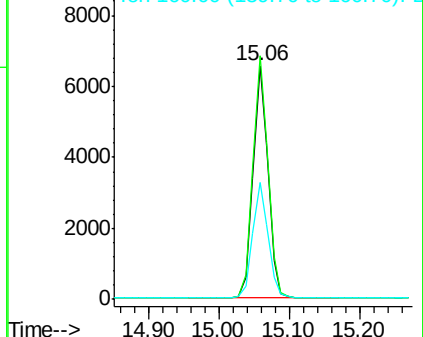
160 50.0 37.1 55.7



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: 0.392 ng

RT: 16.53 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

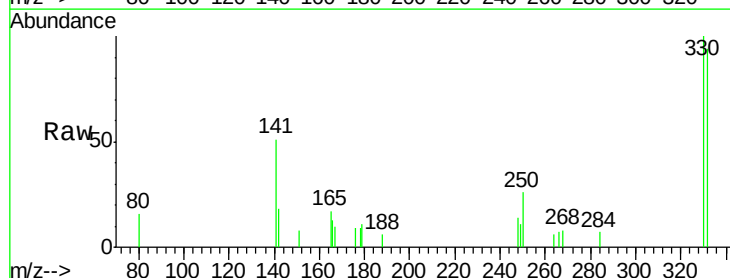
Tgt Ion:330 Resp: 1206

Ion Ratio Lower Upper

330 100

332 96.8 152.7 229.1#

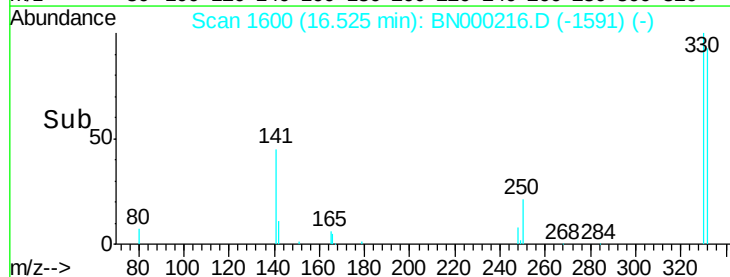
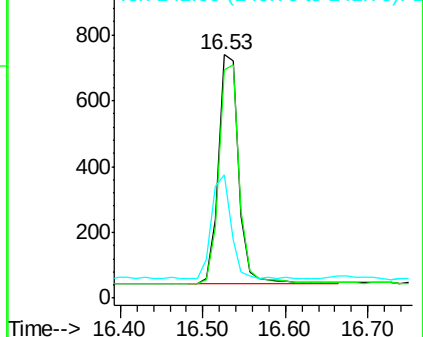
141 43.9 33.7 50.5

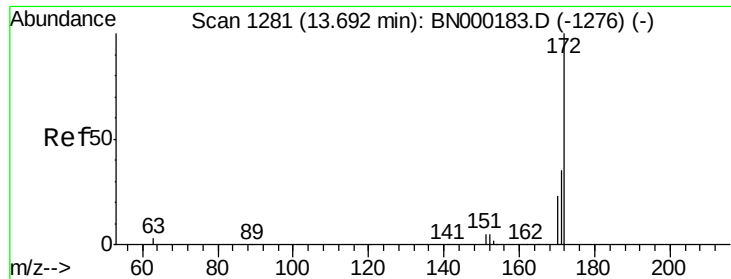


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

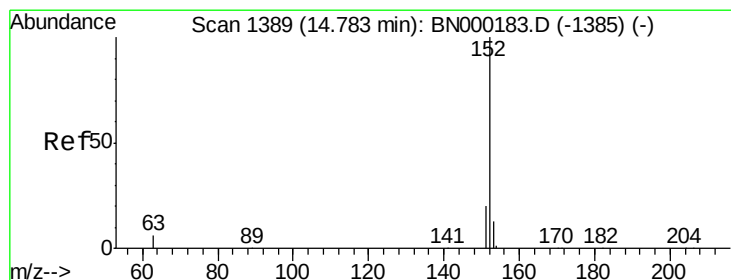
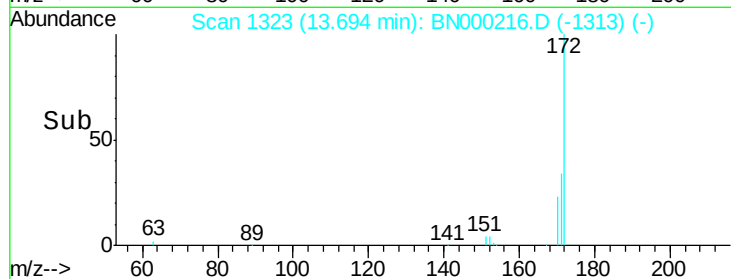
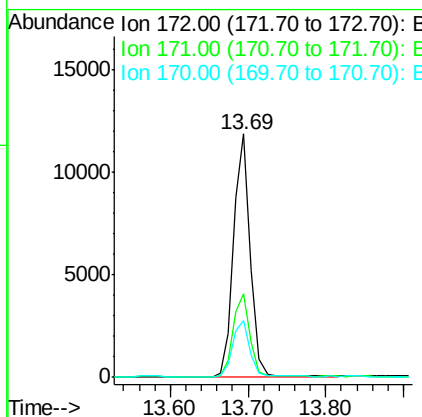
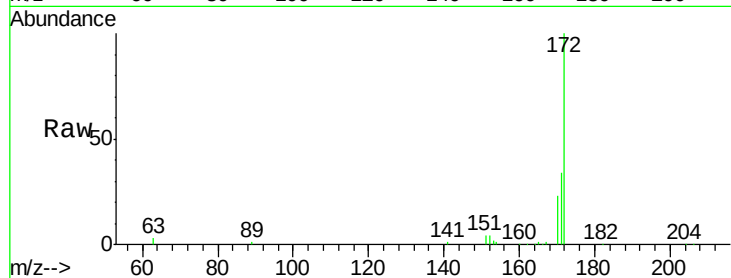




#15
 2-Fluorobiphenyl
 Concen: 0.384 ng
 RT: 13.69 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BN000216.D
 Acq: 01 Mar 2018 14:28

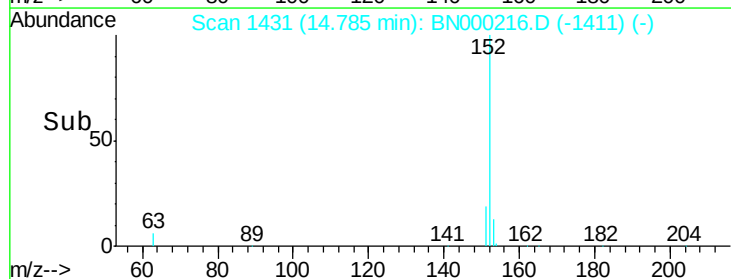
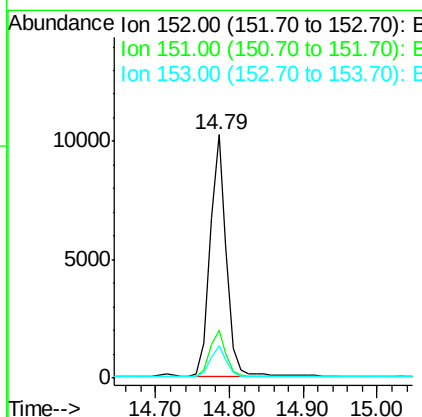
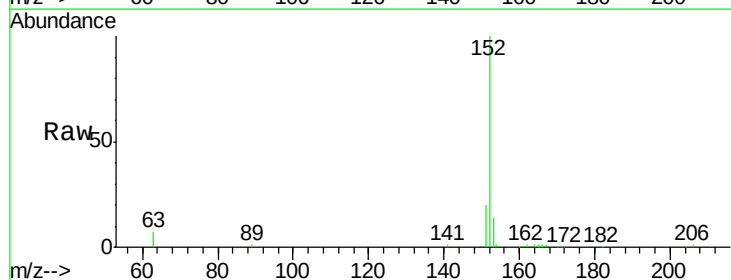
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

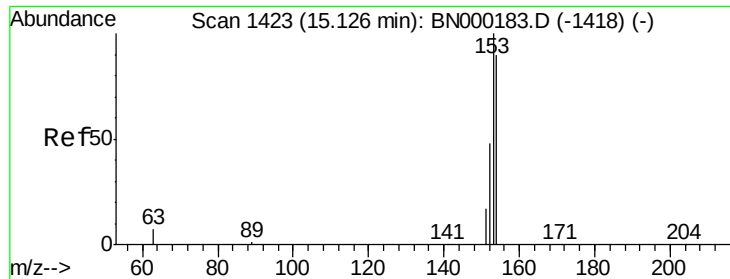
Tgt Ion:172 Resp: 17612
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.9 44.9
 170 23.1 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.348 ng
 RT: 14.79 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BN000216.D
 Acq: 01 Mar 2018 14:28

Tgt Ion:152 Resp: 15876
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.7 23.5
 153 12.7 10.5 15.7





#17

Acenaphthene

Concen: 0.379 ng

RT: 15.12 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

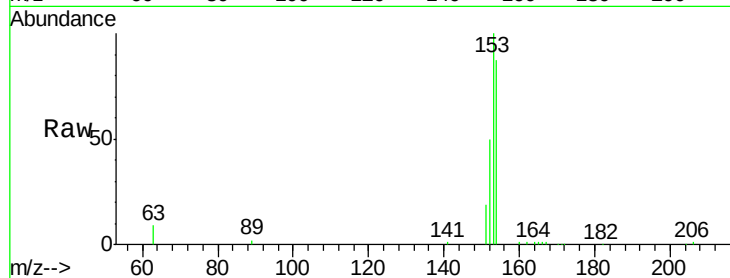
Tgt Ion:154 Resp: 13644

Ion Ratio Lower Upper

154 100

153 112.4 89.2 133.8

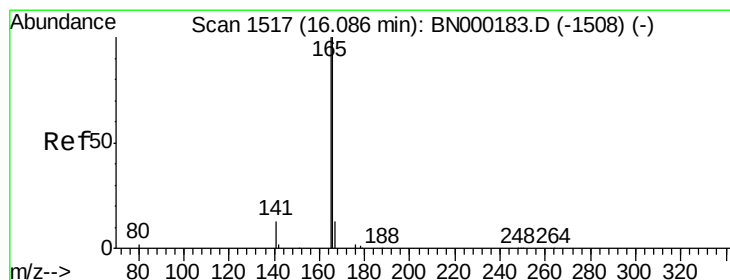
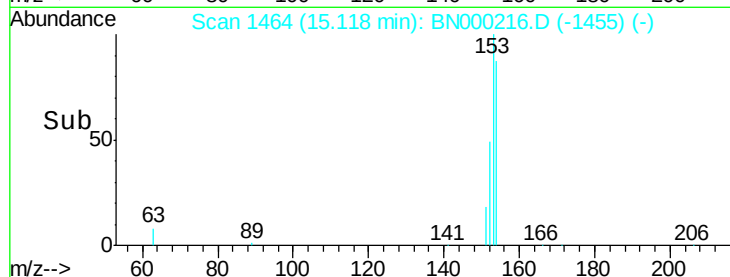
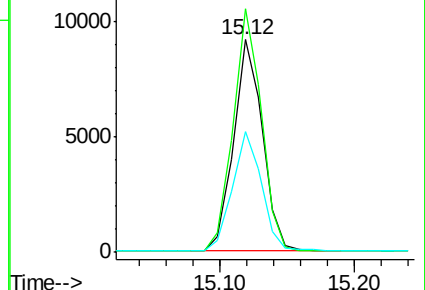
152 56.6 42.0 63.0



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: 0.377 ng

RT: 16.09 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

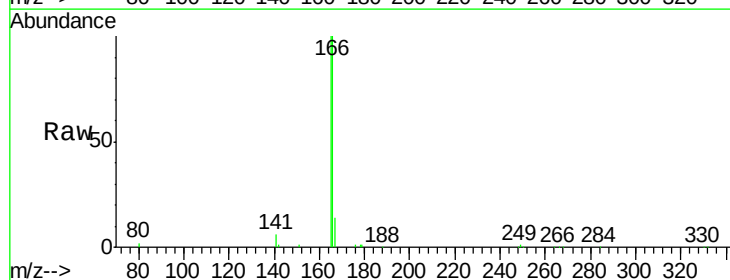
Tgt Ion:166 Resp: 16928

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.6

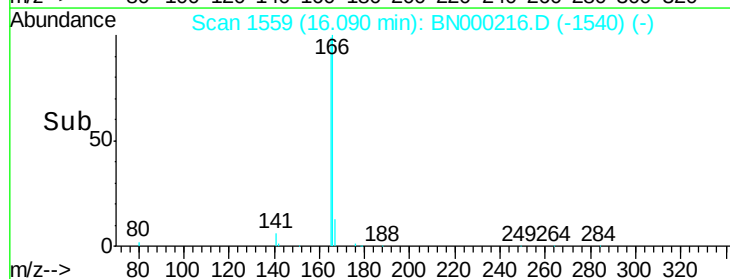
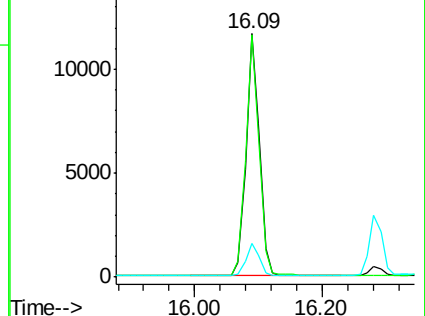
167 13.5 42.4 63.6#

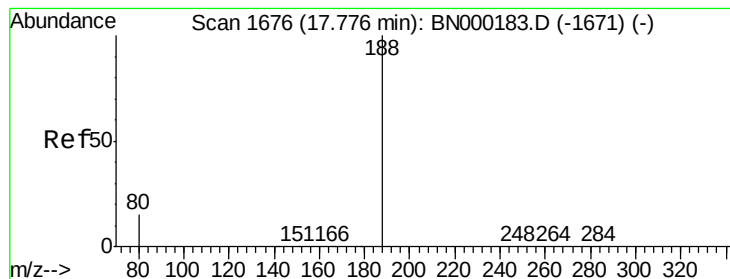


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

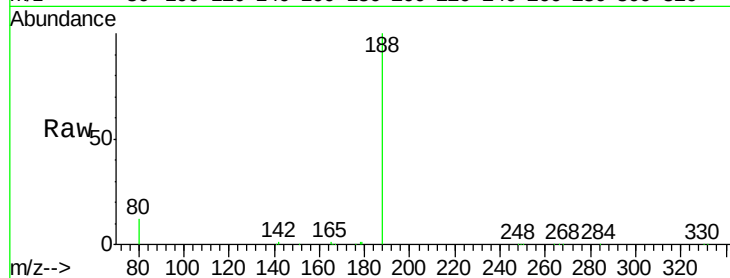
Tgt Ion:188 Resp: 22601

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

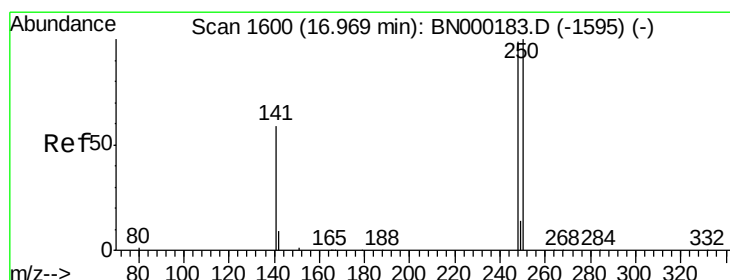
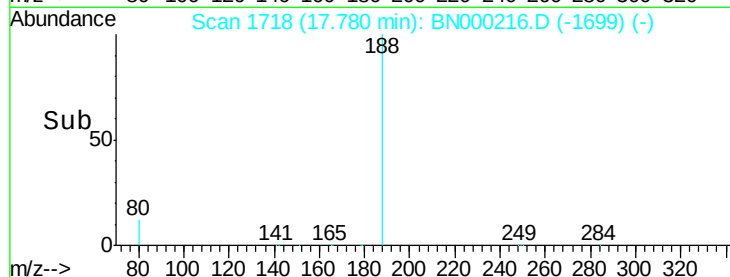
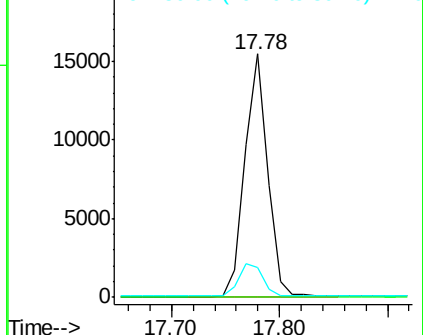
80 12.3 3.6 5.4#



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: 0.368 ng

RT: 16.96 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

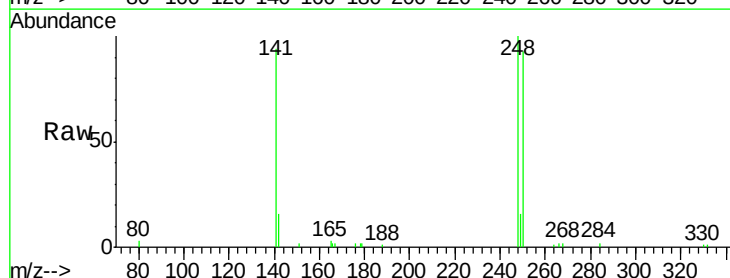
Tgt Ion:248 Resp: 4795

Ion Ratio Lower Upper

248 100

250 92.8 62.7 94.1

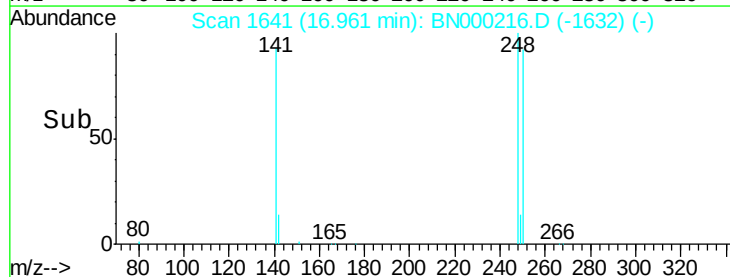
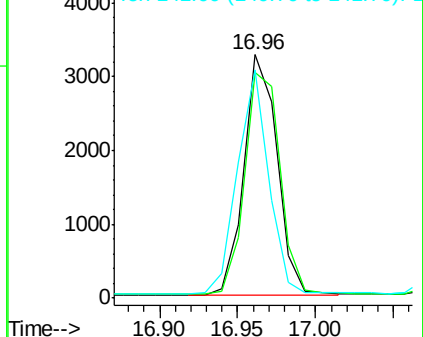
141 94.0 48.2 72.2#

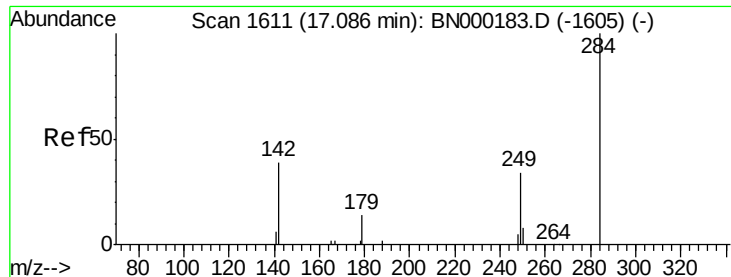


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.372 ng

RT: 17.09 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

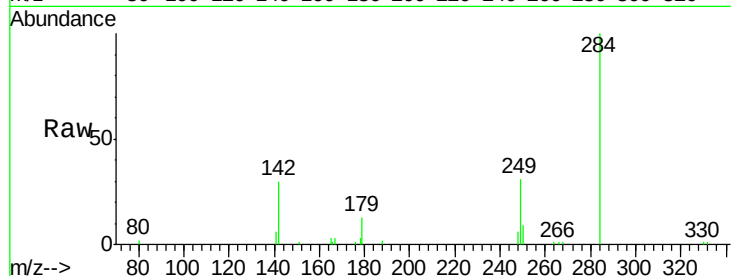
Tgt Ion:284 Resp: 6476

Ion Ratio Lower Upper

284 100

142 42.4 32.0 48.0

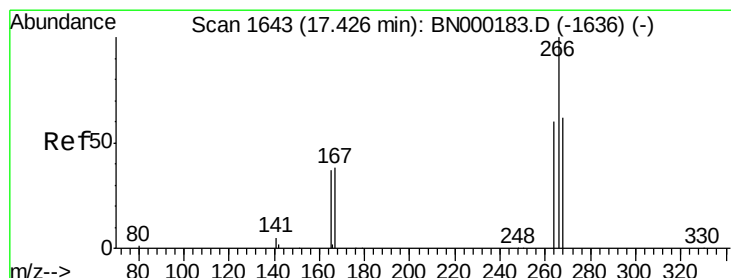
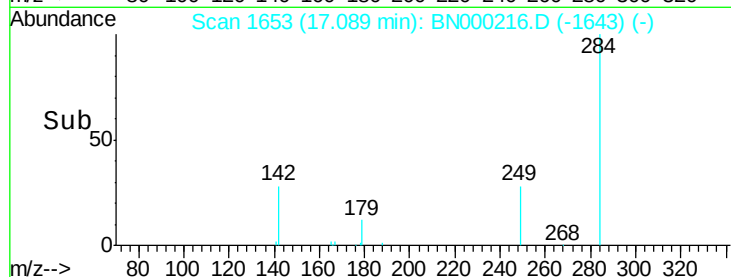
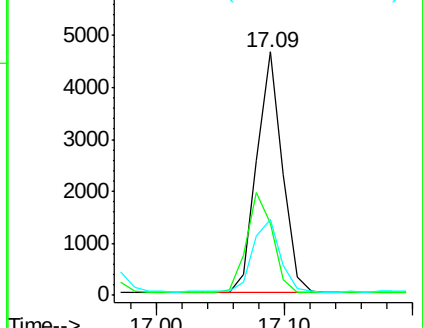
249 32.1 24.0 36.0



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: 0.384 ng

RT: 17.42 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

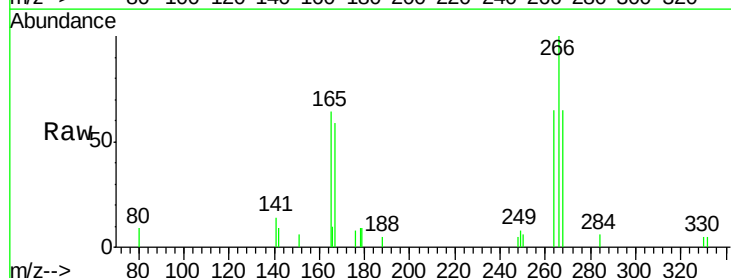
Tgt Ion:266 Resp: 1575

Ion Ratio Lower Upper

266 100

264 64.6 48.0 72.0

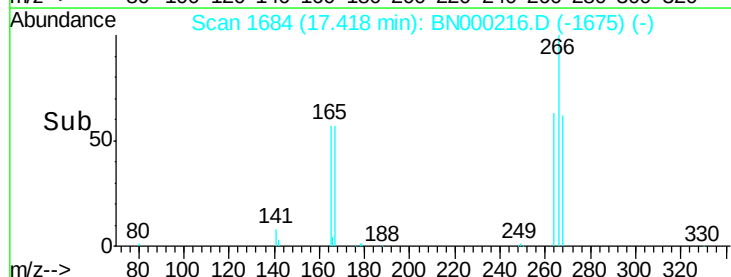
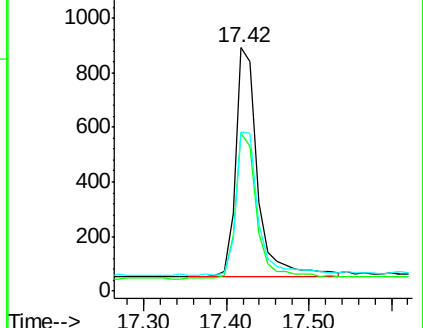
268 65.2 52.0 78.0

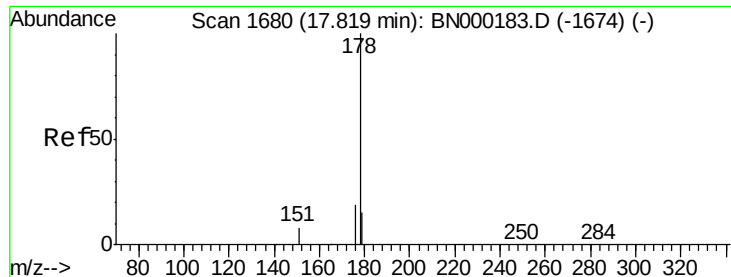


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.374 ng

RT: 17.82 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

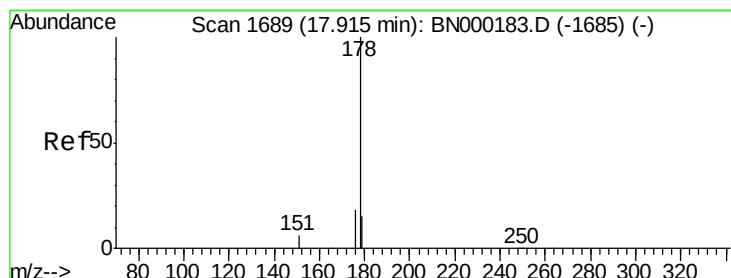
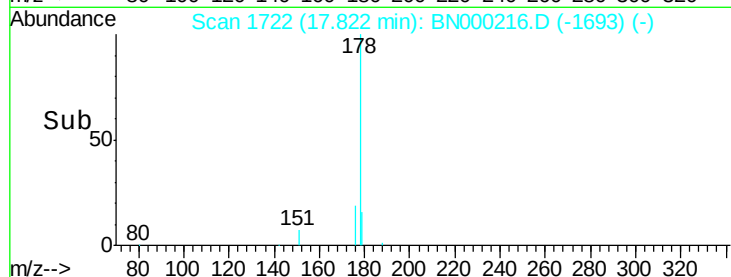
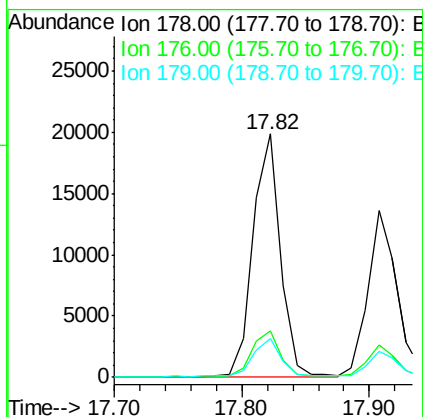
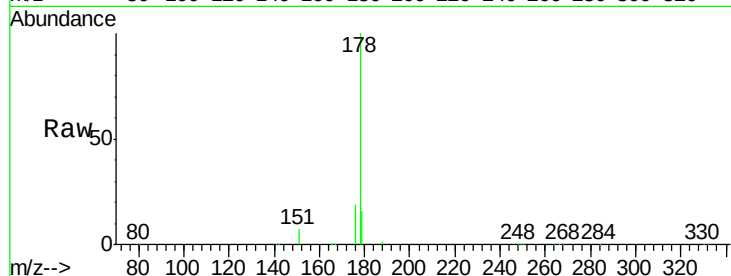
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	178	Resp:	29717
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.7	11.8	17.6



#24

Anthracene

Concen: 0.354 ng

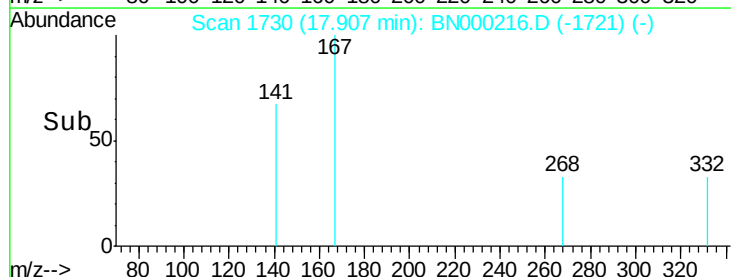
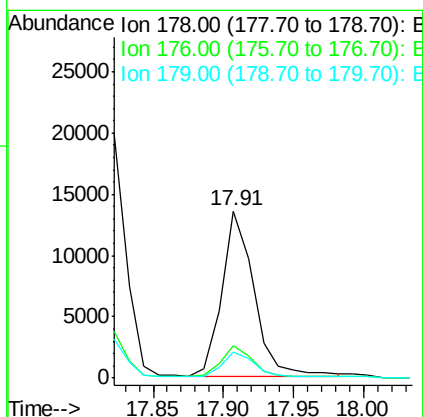
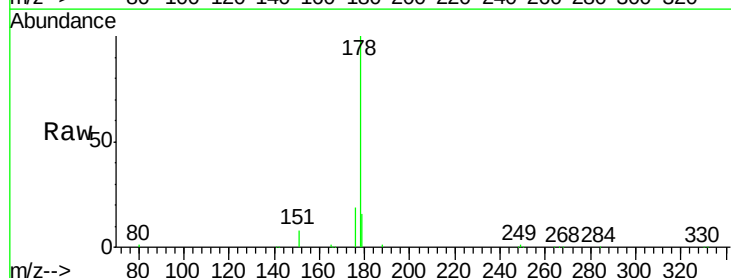
RT: 17.91 min Scan# 1730

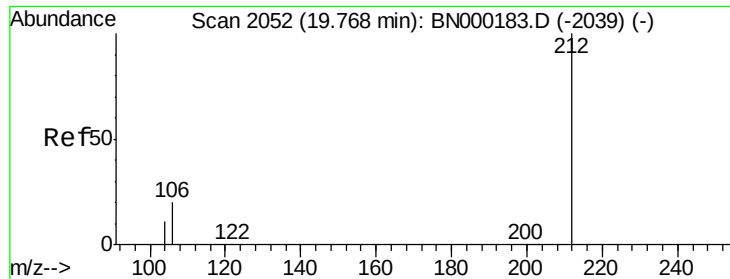
Delta R.T. -0.01 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Tgt Ion:	178	Resp:	21344
Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.4	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.77 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

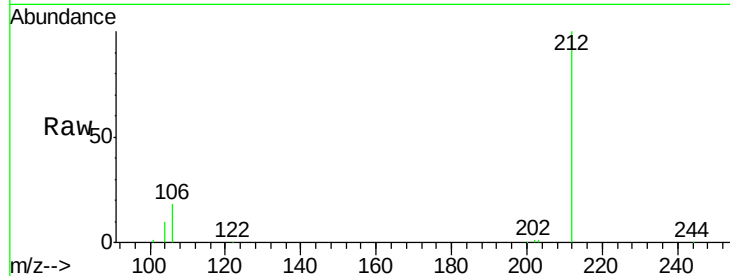
Tgt Ion:212 Resp: 22387

Ion Ratio Lower Upper

212 100

106 19.1 2.8 4.2#

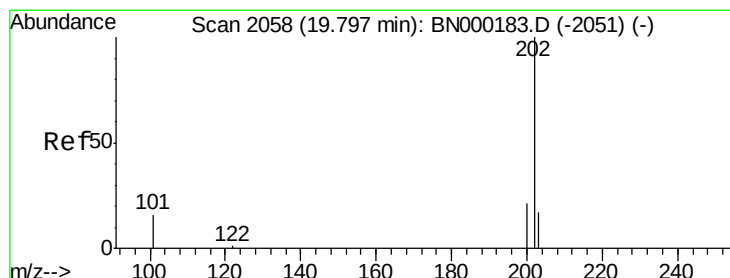
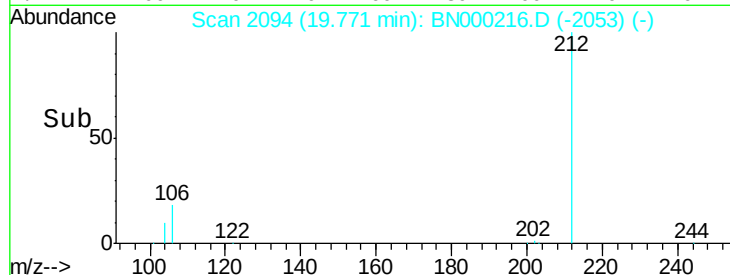
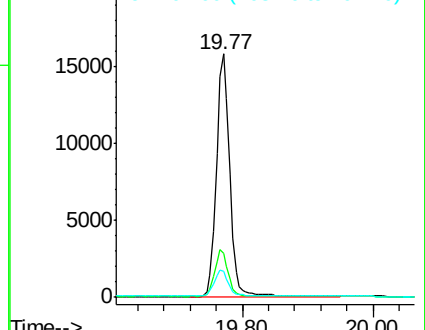
104 10.6 1.6 2.4#



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: 0.361 ng

RT: 19.80 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

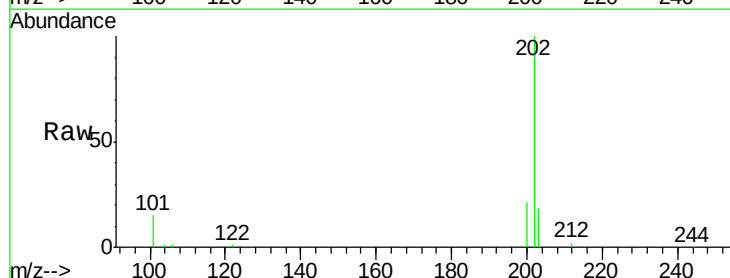
Tgt Ion:202 Resp: 29786

Ion Ratio Lower Upper

202 100

101 15.7 9.8 14.8#

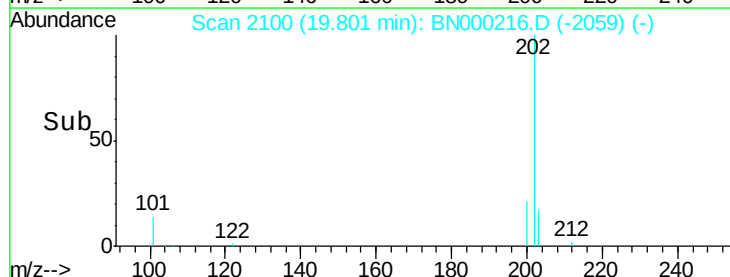
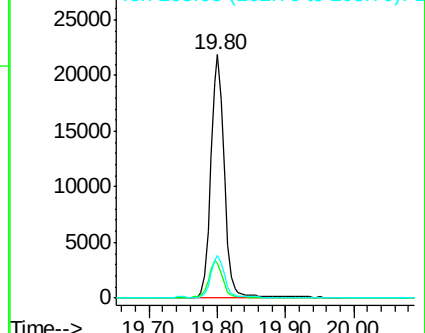
203 16.9 13.7 20.5

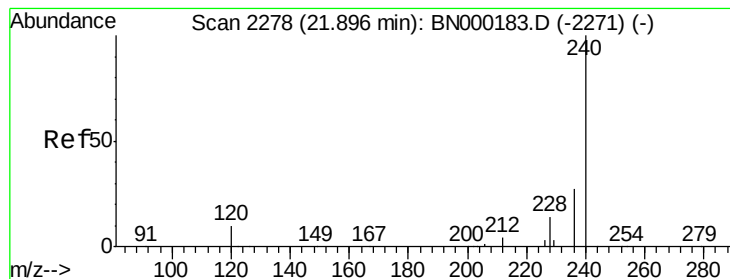


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.89 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

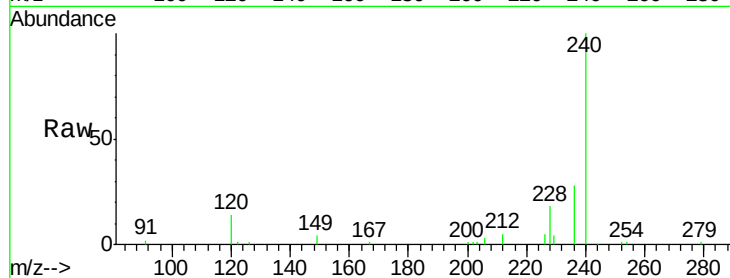
Tgt Ion:240 Resp: 21026

Ion Ratio Lower Upper

240 100

120 13.6 5.5 8.3#

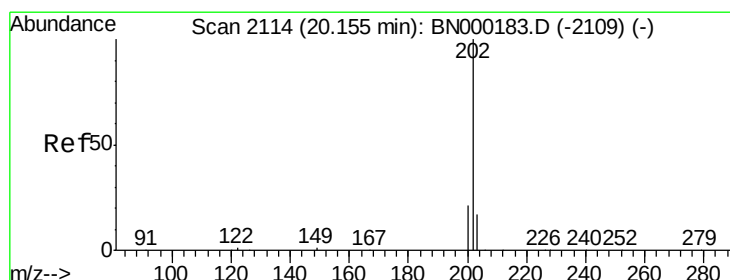
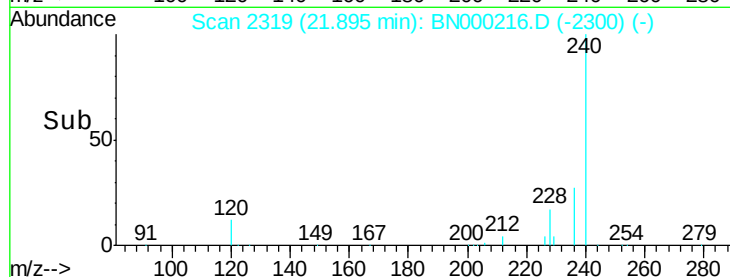
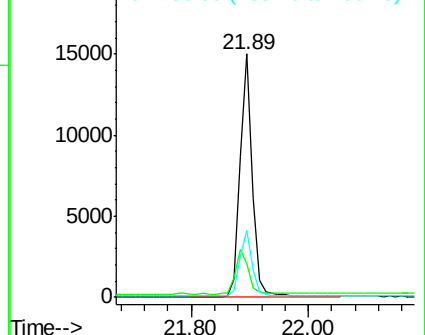
236 27.5 20.7 31.1



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: 0.372 ng

RT: 20.15 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

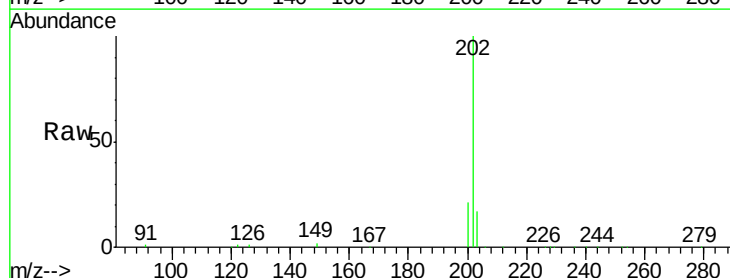
Tgt Ion:202 Resp: 30694

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

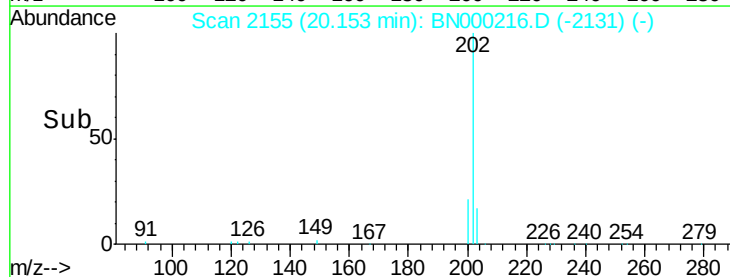
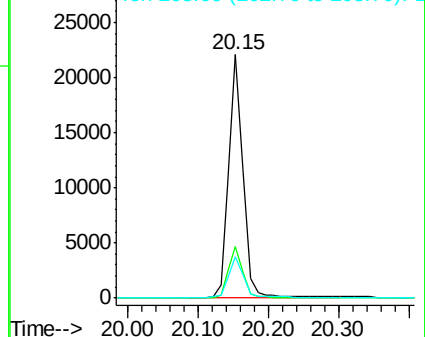
203 17.3 13.8 20.8

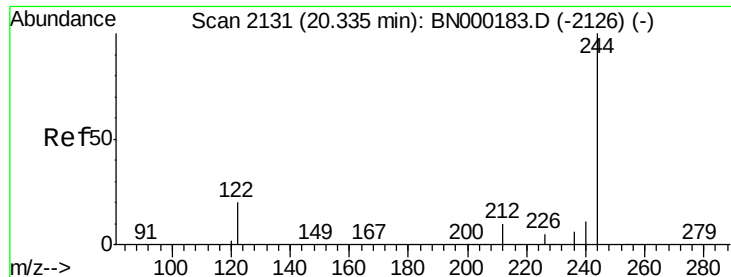


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 20.33 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

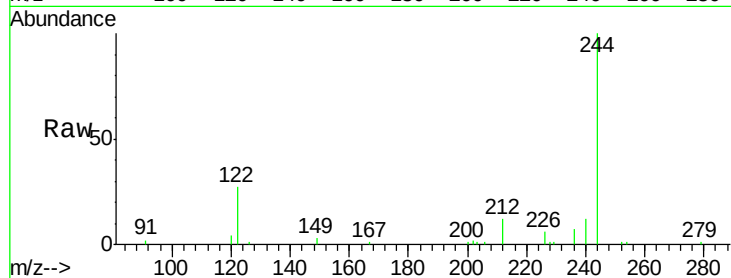
Tgt Ion:244 Resp: 14068

Ion Ratio Lower Upper

244 100

212 11.9 25.4 38.0#

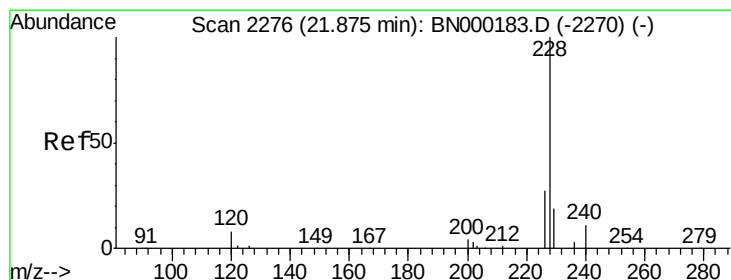
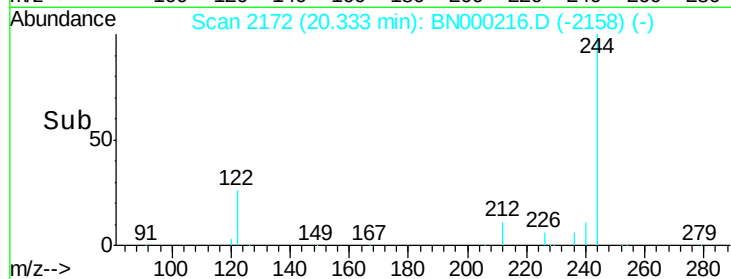
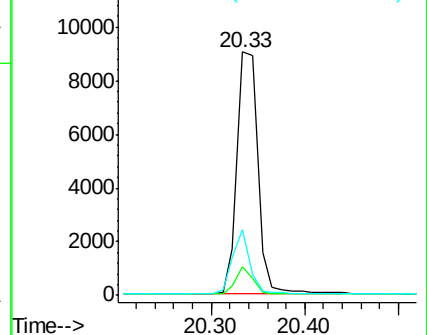
122 26.8 8.1 12.1#



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: 0.373 ng

RT: 21.87 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

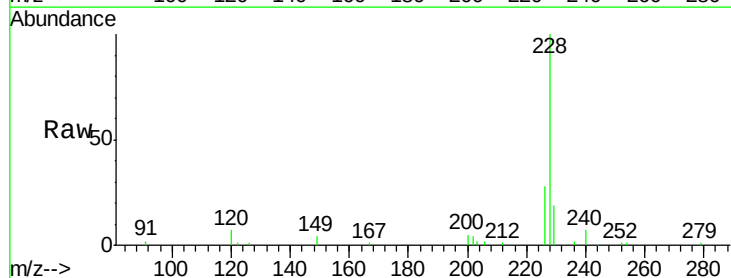
Tgt Ion:228 Resp: 24708

Ion Ratio Lower Upper

228 100

226 27.6 24.0 36.0

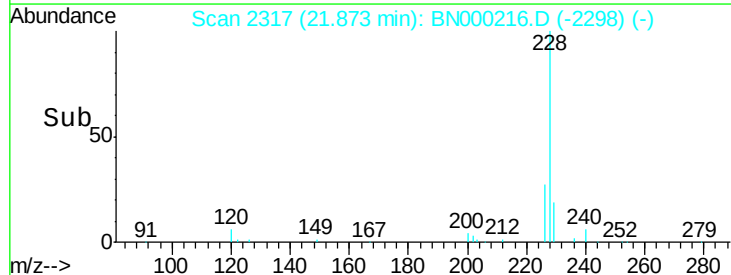
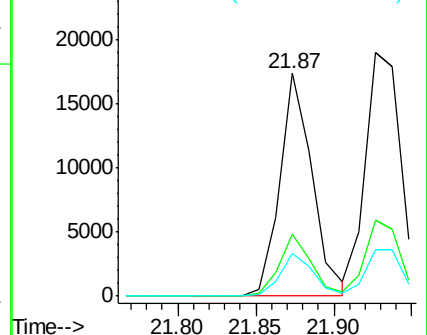
229 19.3 16.0 24.0

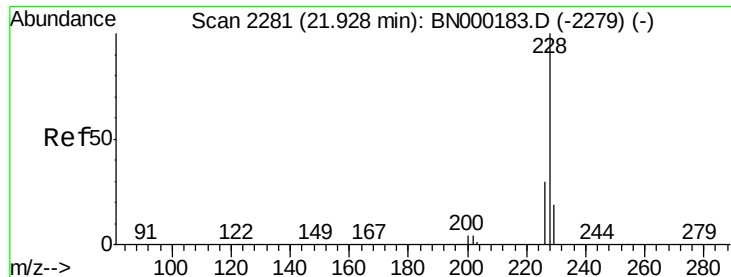


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.387 ng

RT: 21.93 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

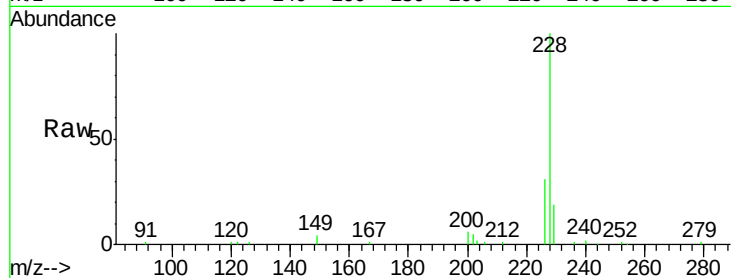
Tgt Ion:228 Resp: 29957

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

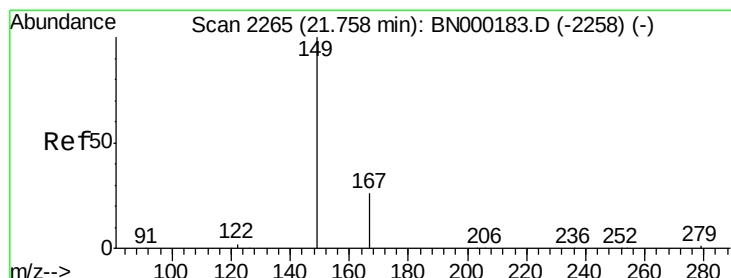
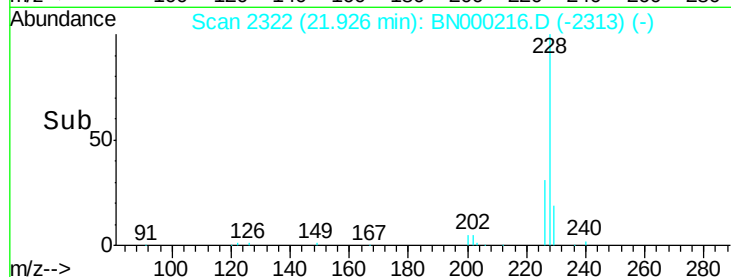
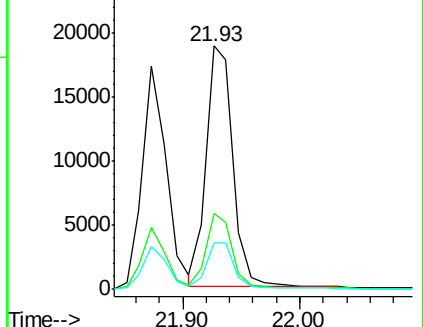
229 19.2 16.0 24.0



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: 0.350 ng

RT: 21.76 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

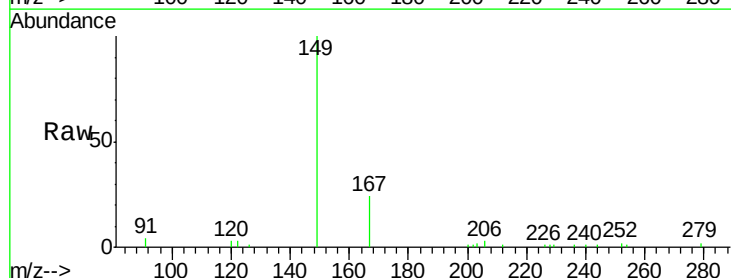
Tgt Ion:149 Resp: 8637

Ion Ratio Lower Upper

149 100

167 26.6 20.0 30.0

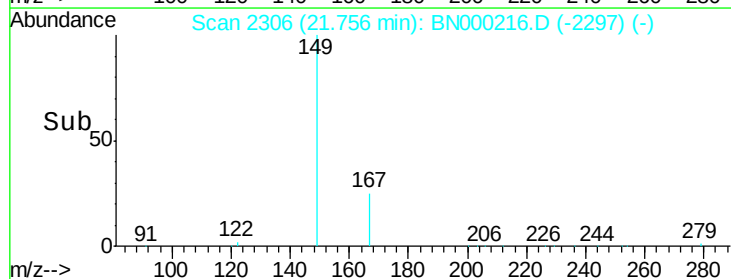
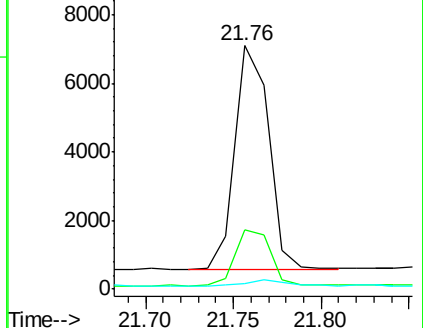
279 2.7 1.6 2.4#

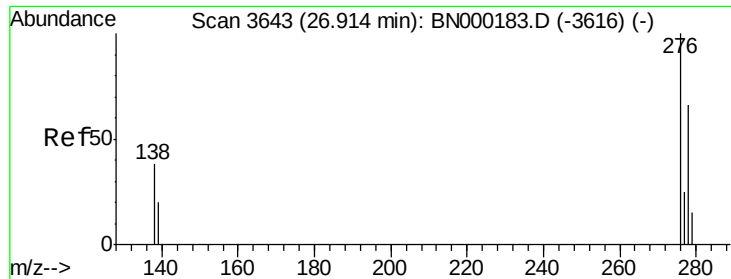


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.375 ng

RT: 26.92 min Scan# 3687

Delta R.T. 0.01 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

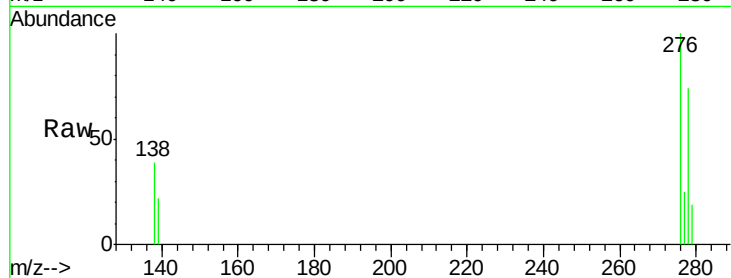
Tgt Ion:276 Resp: 27076

Ion Ratio Lower Upper

276 100

138 38.5 22.5 33.7#

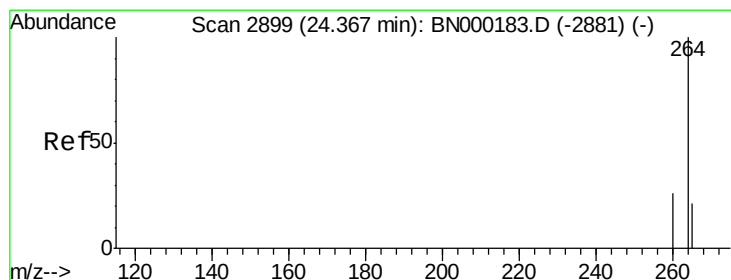
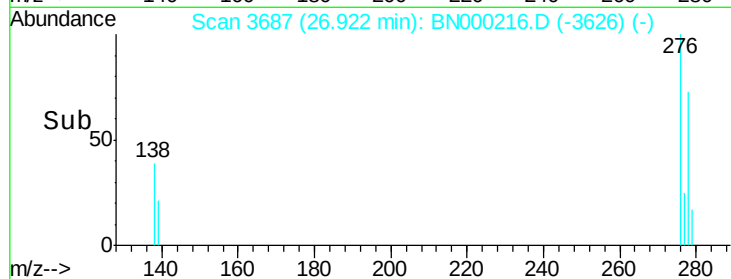
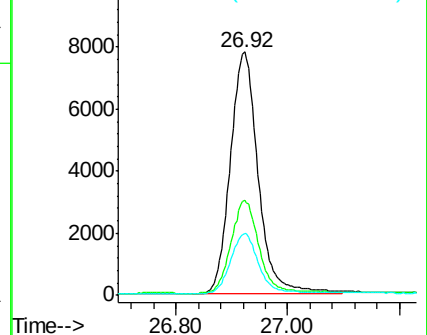
277 24.7 19.9 29.9



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# 2942

Delta R.T. 0.01 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

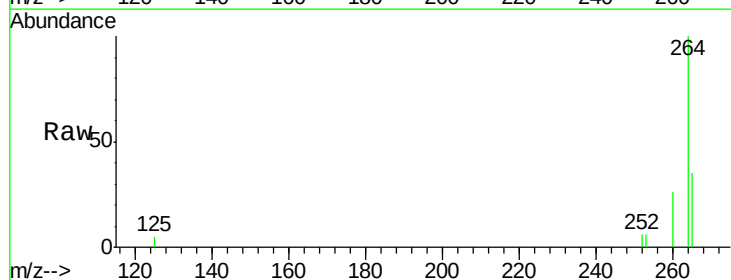
Tgt Ion:264 Resp: 16924

Ion Ratio Lower Upper

264 100

260 25.8 20.5 30.7

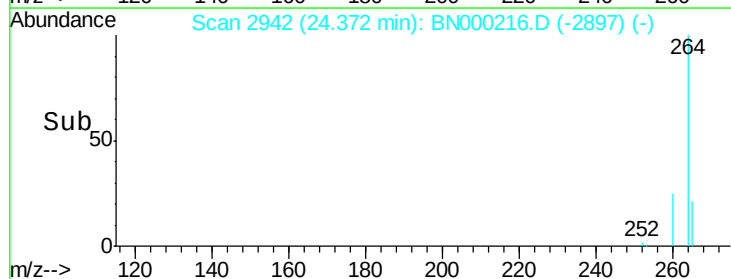
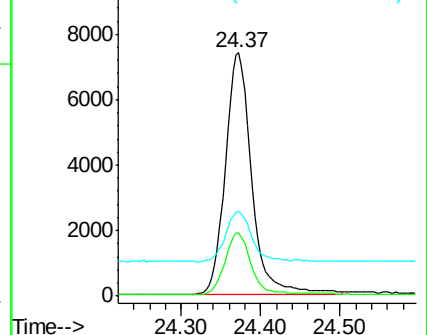
265 35.0 22.8 34.2#

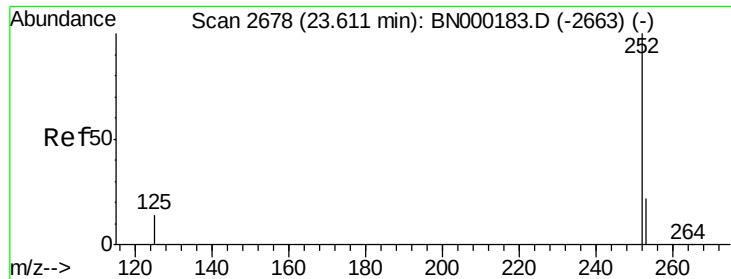


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.374 ng

RT: 23.61 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

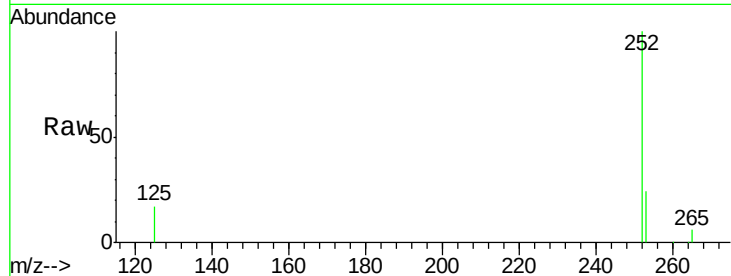
Tgt Ion:252 Resp: 28932

Ion Ratio Lower Upper

252 100

253 23.8 20.0 30.0

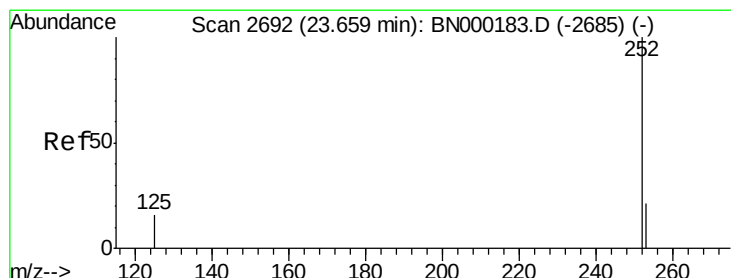
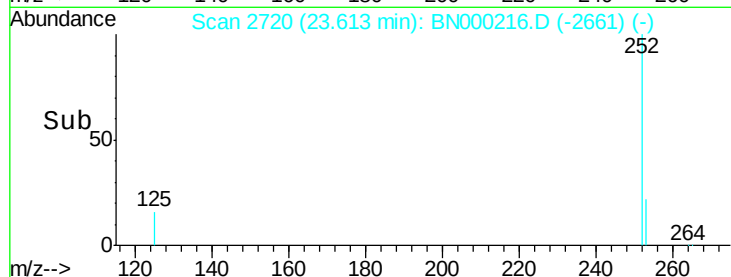
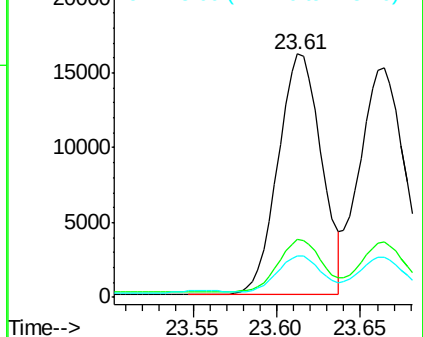
125 17.2 16.0 24.0



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: 0.380 ng

RT: 23.66 min Scan# 2735

Delta R.T. 0.01 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

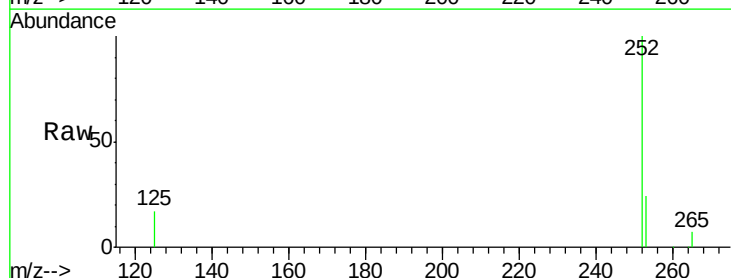
Tgt Ion:252 Resp: 28751

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

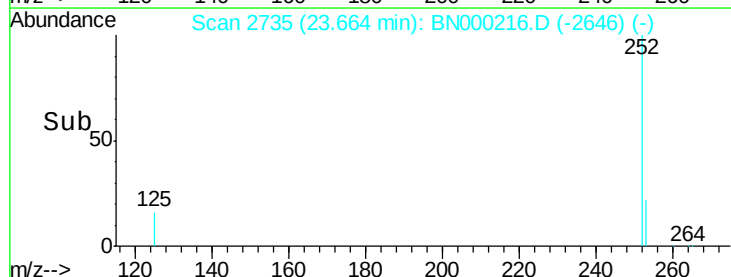
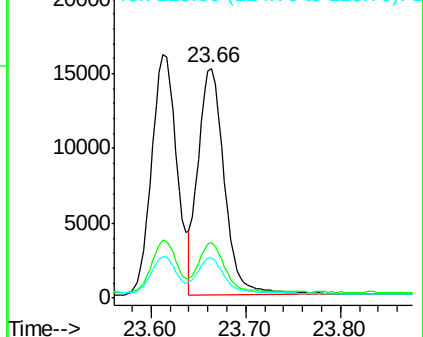
125 17.5 8.0 12.0#

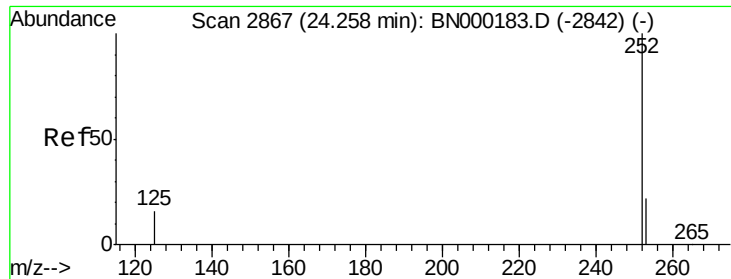


Abundance Ion 252.00 (251.70 to 252.70): E

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: 24.26 min Scan# 2909

Delta R.T. 0.00 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

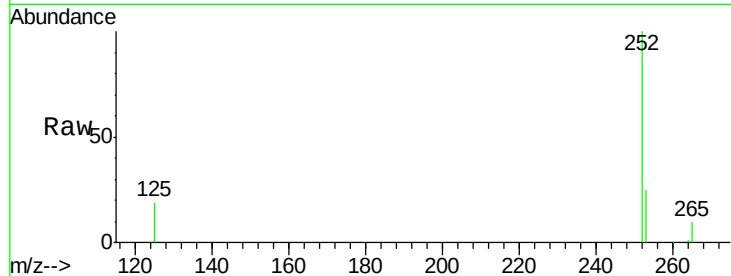
Tgt Ion:252 Resp: 23091

Ion Ratio Lower Upper

252 100

253 24.6 16.0 24.0#

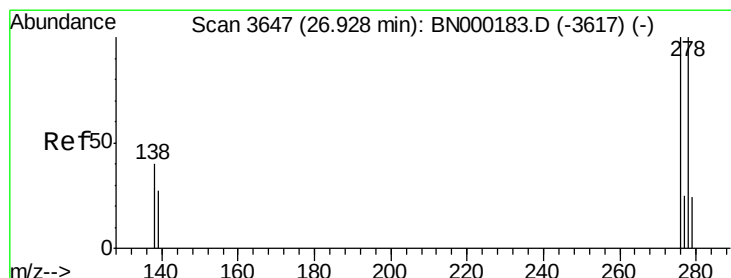
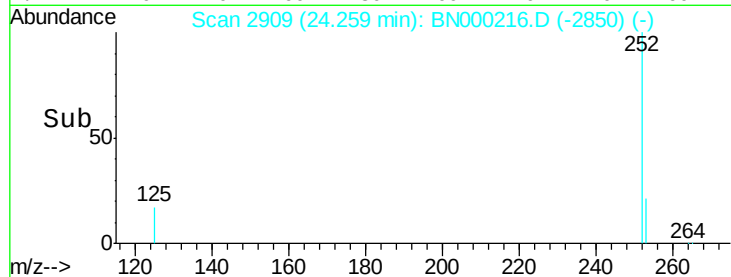
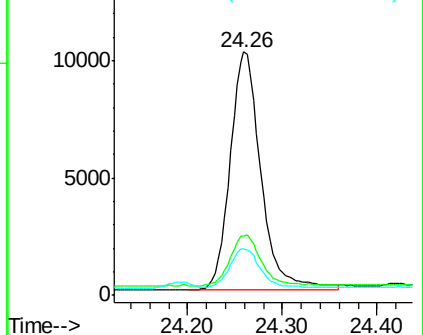
125 19.3 12.0 18.0#



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: 0.381 ng

RT: 26.93 min Scan# 3690

Delta R.T. 0.01 min

Lab File: BN000216.D

Acq: 01 Mar 2018 14:28

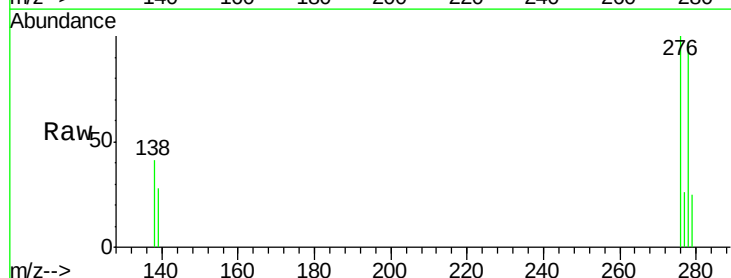
Tgt Ion:278 Resp: 21335

Ion Ratio Lower Upper

278 100

139 28.7 16.0 24.0#

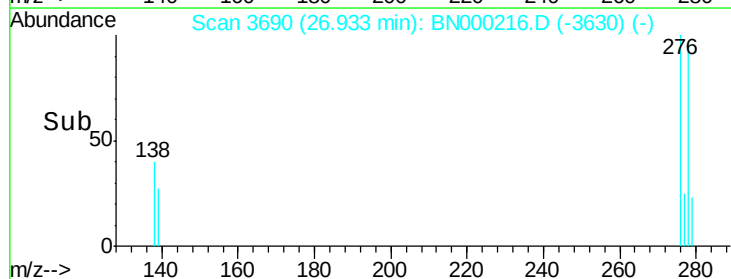
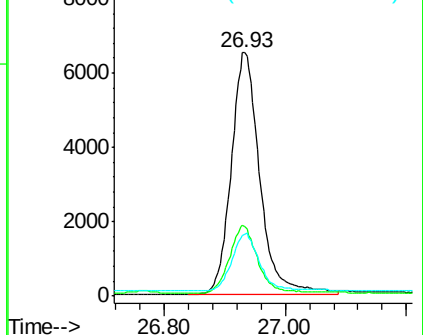
279 25.6 20.0 30.0

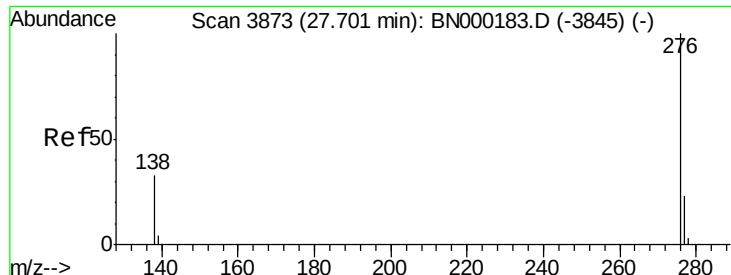


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.380 ng

RT: 27.71 min Scan# 3916

Delta R.T. 0.01 min

Lab File: BN000216.D

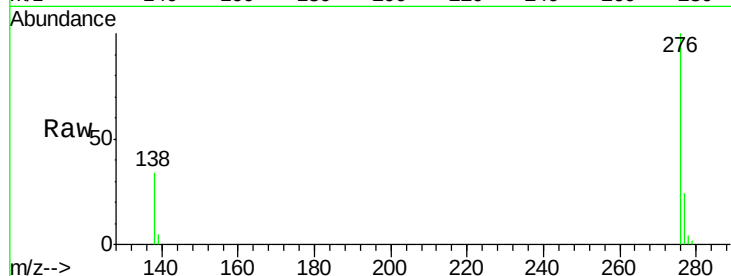
Acq: 01 Mar 2018 14:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 25111

Ion Ratio Lower Upper

276 100

277 24.1 16.0 24.0#

138 34.1 20.0 30.0#

