

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000185.D
 Acq On : 27 Feb 2018 11:34
 Operator : JU/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: Feb 27 14:18:15 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 14:08:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6967	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	25790	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	12911	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	27123	0.40	ng	0.00
27) Chrysene-d12	21.90	240	26040	0.40	ng	0.00
34) Perylene-d12	24.37	264	19514	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	24741	1.68	ng	0.00
5) Phenol-d6	7.58	99	31877	1.71	ng	0.00
8) Nitrobenzene-d5	9.63	82	25805	1.69	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	64264	1.66	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	7832	1.82	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	100577	1.64	ng	0.00
25) Fluoranthene-d10	19.77	212	122867	1.70	ng	0.00
29) Terphenyl-d14	20.33	244	76652	1.68	ng	0.00

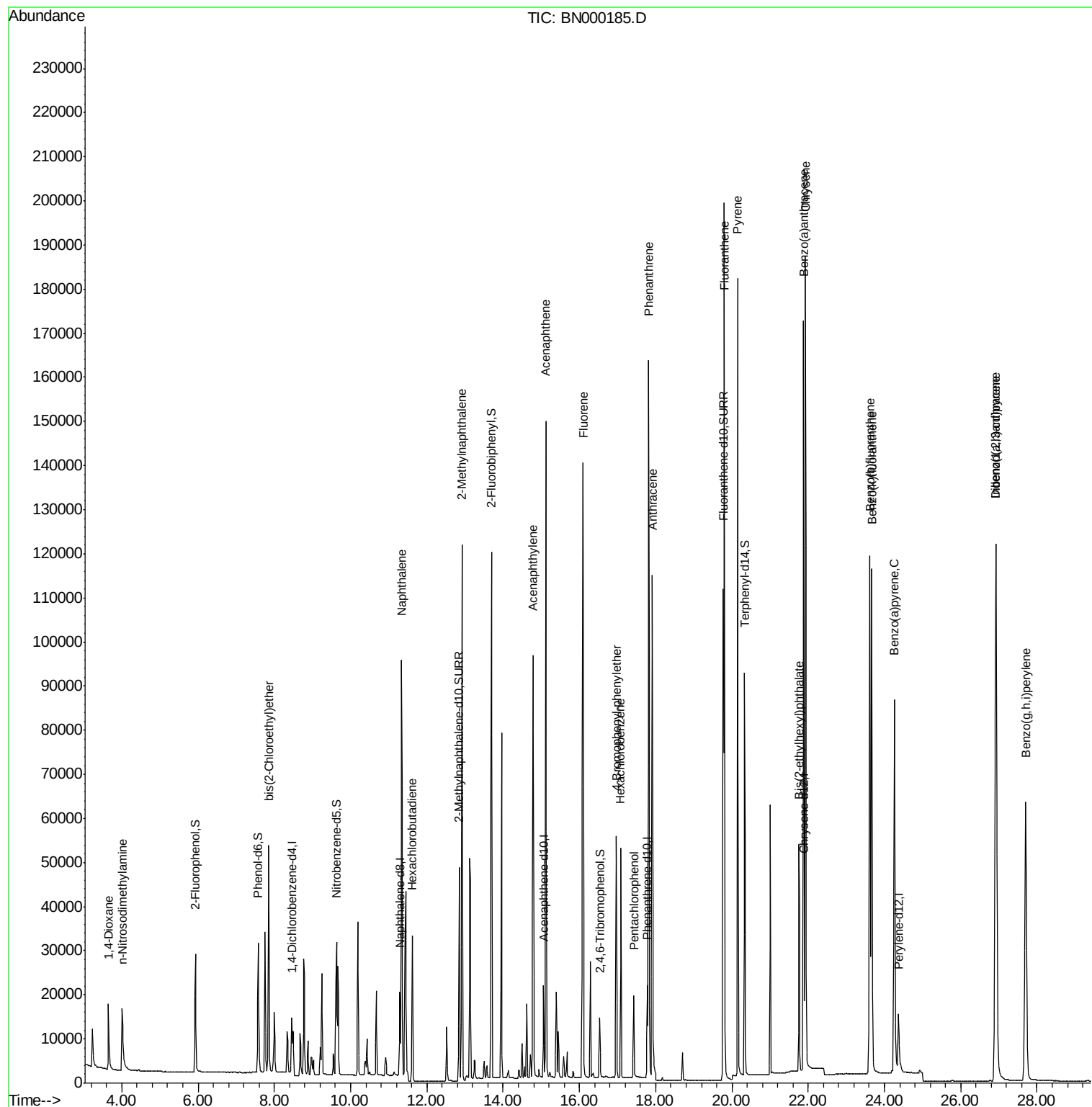
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	12825	1.576	ng	95
3) n-Nitrosodimethylamine	4.01	42	10308	1.920	ng	# 99
6) bis(2-Chloroethyl)ether	7.85	93	39518	1.664	ng	99
9) Naphthalene	11.34	128	123888	1.644	ng	97
10) Hexachlorobutadiene	11.62	225	21128	1.652	ng	97
12) 2-Methylnaphthalene	12.92	142	82567	1.672	ng	99
16) Acenaphthylene	14.78	152	108740	1.787	ng	100
17) Acenaphthene	15.13	154	81756	1.704	ng	99
18) Fluorene	16.10	166	101169	1.691	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	27451	1.757	ng	# 85
21) Hexachlorobenzene	17.09	284	35749	1.710	ng	96
22) Pentachlorophenol	17.43	266	9536	1.708	ng	99
23) Phenanthrene	17.82	178	160296	1.679	ng	99
24) Anthracene	17.91	178	129767	1.737	ng	96
26) Fluoranthene	19.80	202	175300	1.771	ng	# 96
28) Pyrene	20.15	202	172240	1.685	ng	100
30) Benzo(a)anthracene	21.87	228	140203	1.709	ng	96
31) Chrysene	21.93	228	156512	1.633	ng	99
32) Bis(2-ethylhexyl)phthalate	21.76	149	50189	1.644	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.92	276	145410	1.625	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	152062	1.707	ng	# 93
36) Benzo(k)fluoranthene	23.66	252	153226	1.758	ng	# 92
37) Benzo(a)pyrene	24.26	252	128950	1.777	ng	95
38) Dibenzo(a,h)anthracene	26.93	278	116575	1.804	ng	# 92
39) Benzo(g,h,i)perylene	27.70	276	126442	1.658	ng	# 87

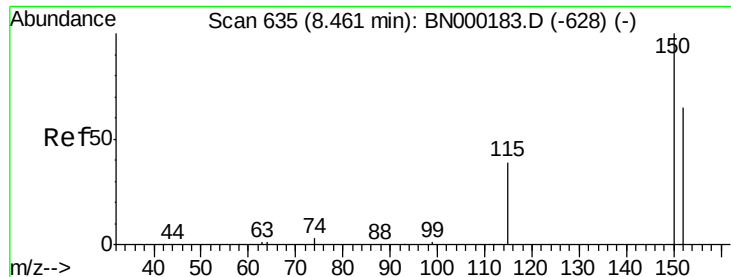
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 635

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

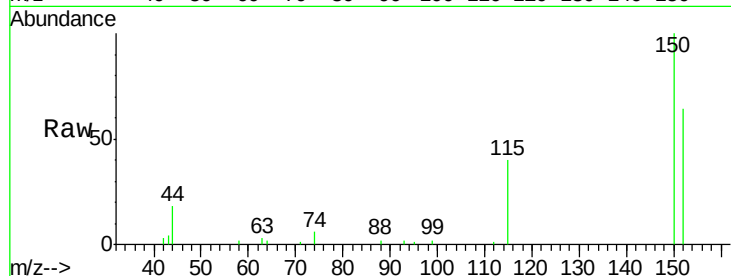
Tgt Ion:152 Resp: 6967

Ion Ratio Lower Upper

152 100

150 156.9 117.2 175.8

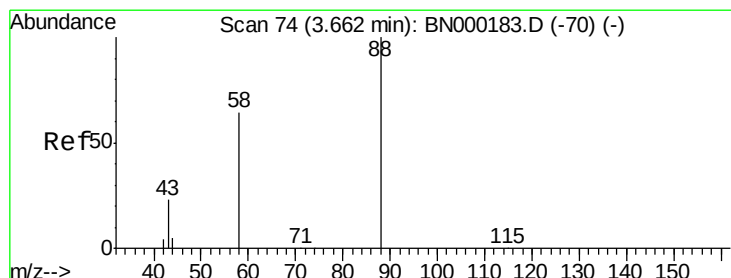
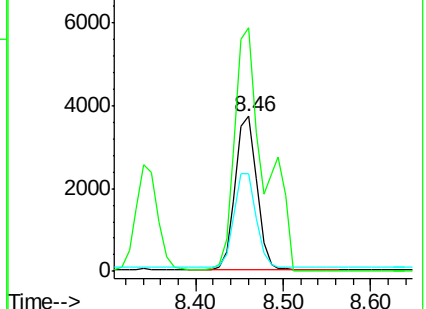
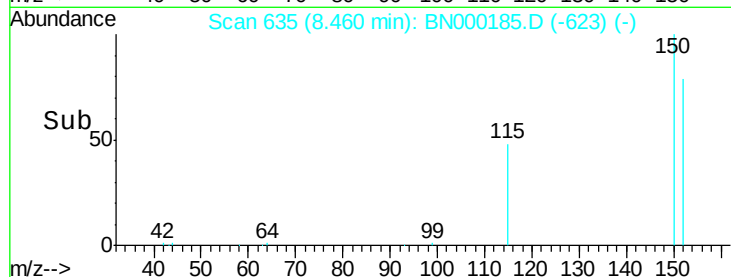
115 63.3 57.0 85.6



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: 1.576 ng

RT: 3.65 min Scan# 73

Delta R.T. -0.01 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

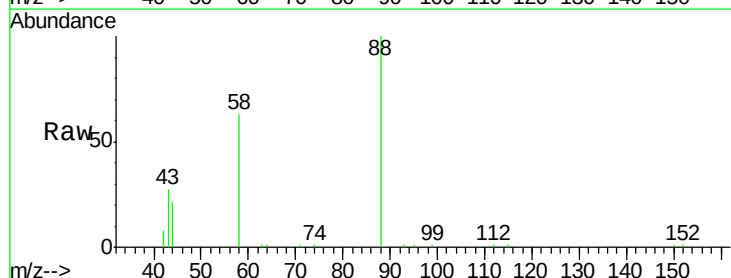
Tgt Ion: 88 Resp: 12825

Ion Ratio Lower Upper

88 100

58 64.3 48.0 72.0

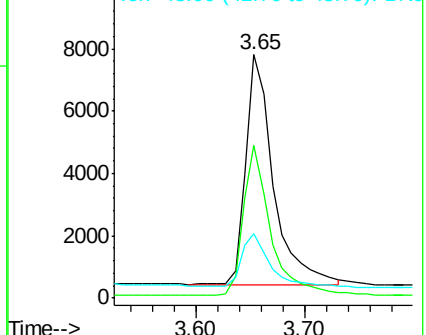
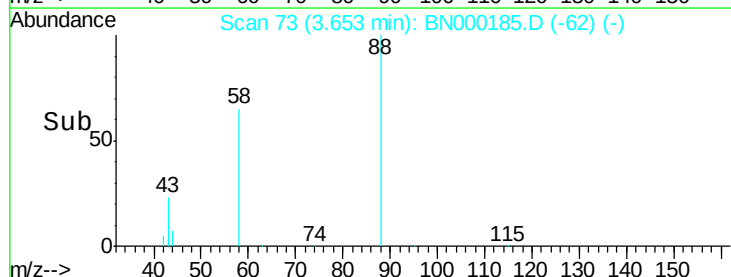
43 23.0 20.0 30.0

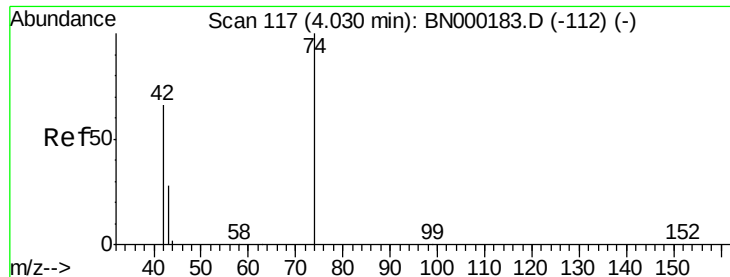


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 1.920 ng

RT: 4.01 min Scan# 115

Delta R.T. -0.02 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

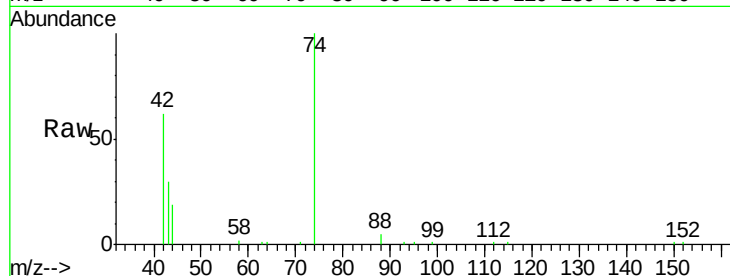
Tgt Ion: 42 Resp: 10308

Ion Ratio Lower Upper

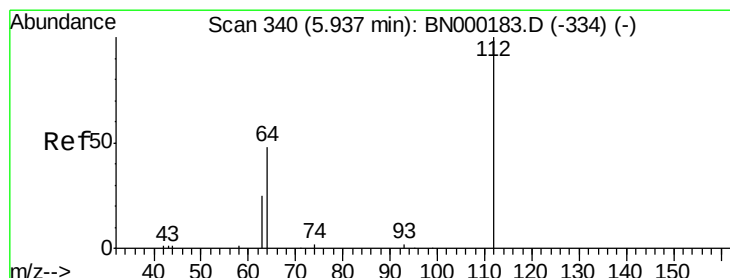
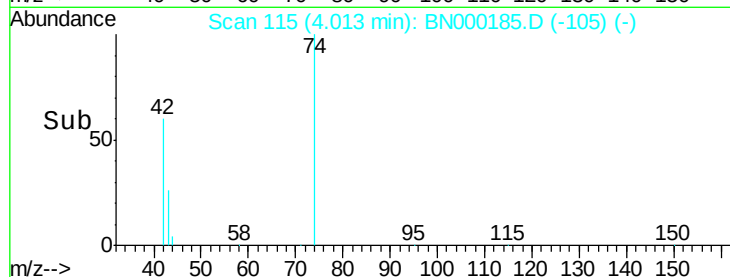
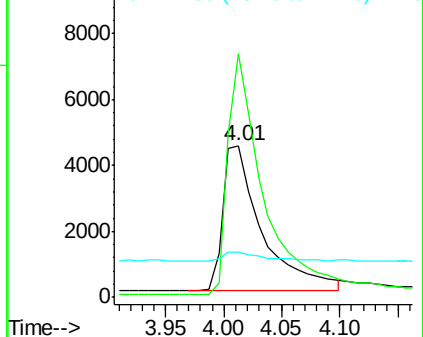
42 100

74 151.4 120.0 180.0

44 7.3 4.0 6.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 1.682 ng

RT: 5.93 min Scan# 339

Delta R.T. -0.01 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

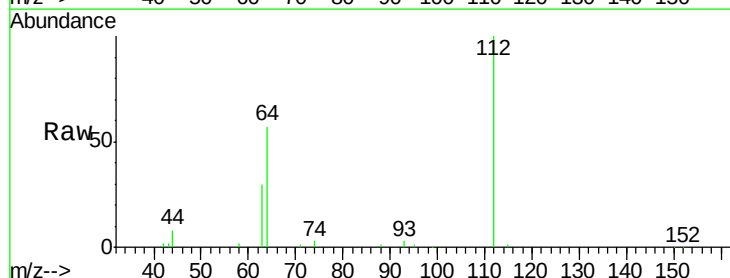
Tgt Ion: 112 Resp: 24741

Ion Ratio Lower Upper

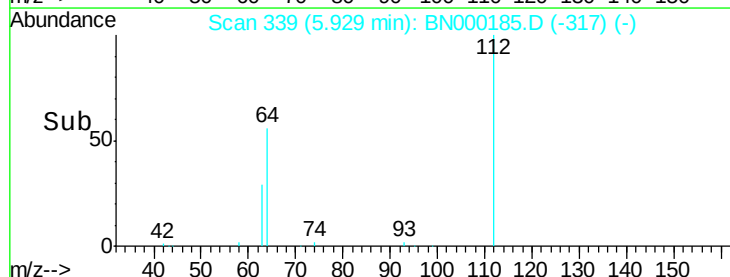
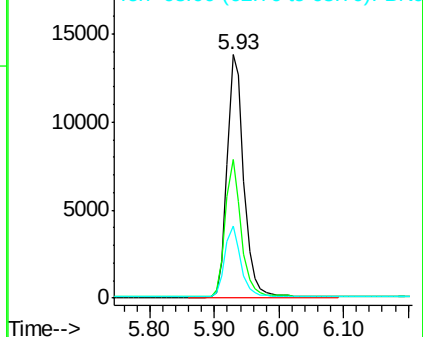
112 100

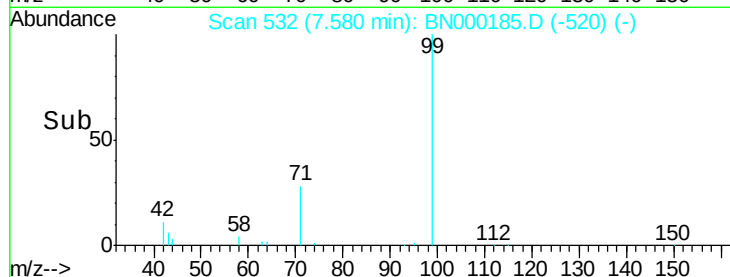
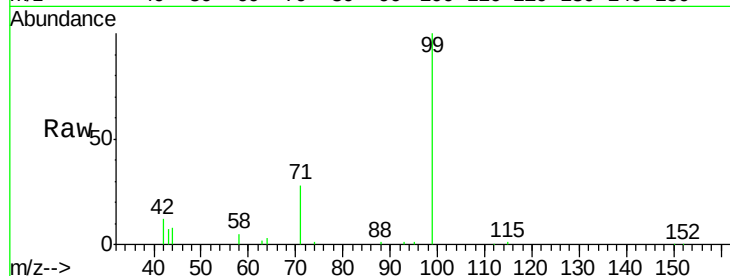
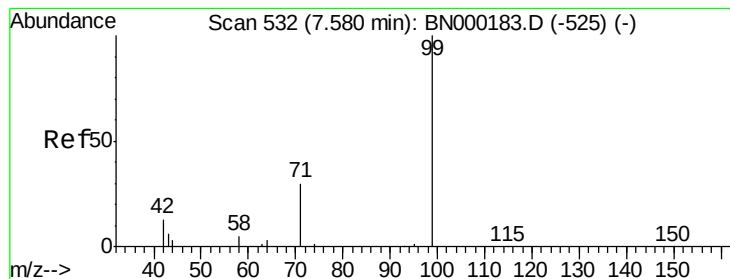
64 53.8 60.1 90.1#

63 28.0 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 1.705 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

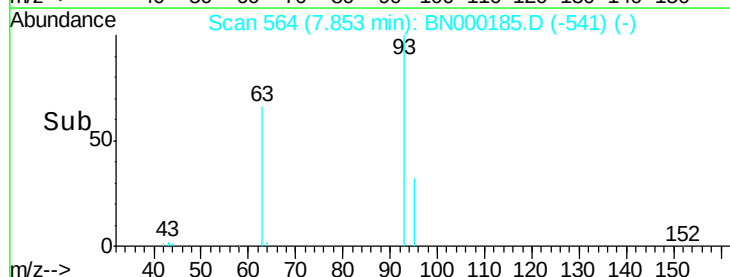
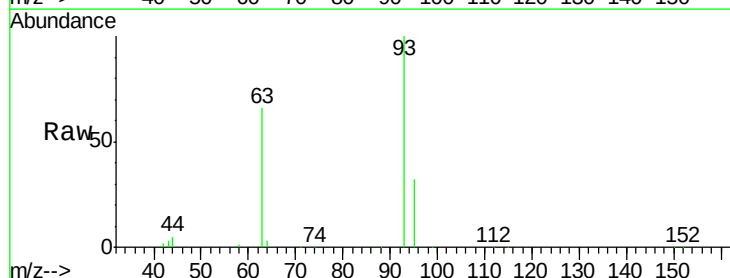
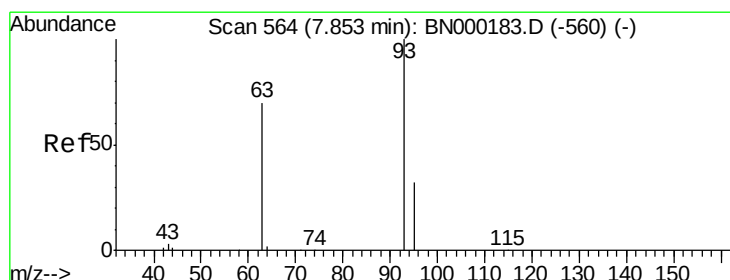
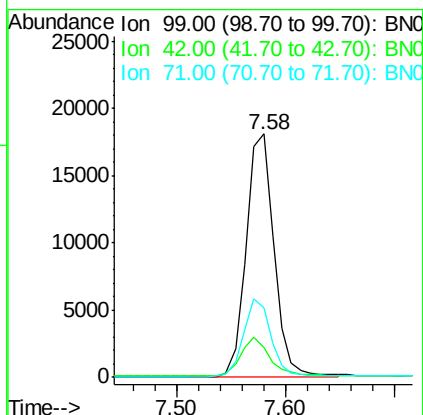
Tgt Ion: 99 Resp: 31877

Ion Ratio Lower Upper

99 100

42 15.9 20.2 30.2#

71 31.4 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 1.664 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

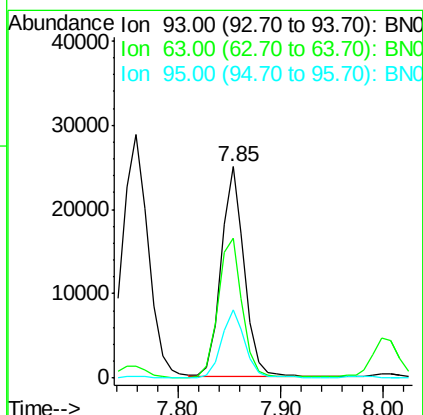
Tgt Ion: 93 Resp: 39518

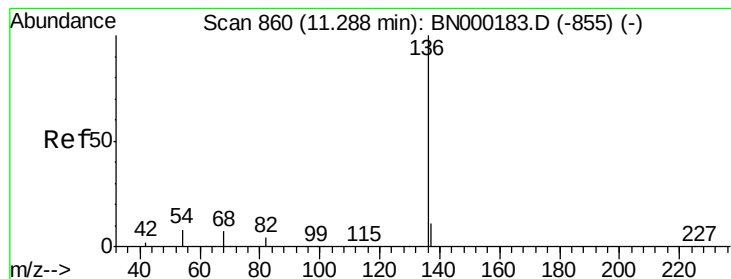
Ion Ratio Lower Upper

93 100

63 68.7 56.0 84.0

95 32.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:136 Resp: 25790

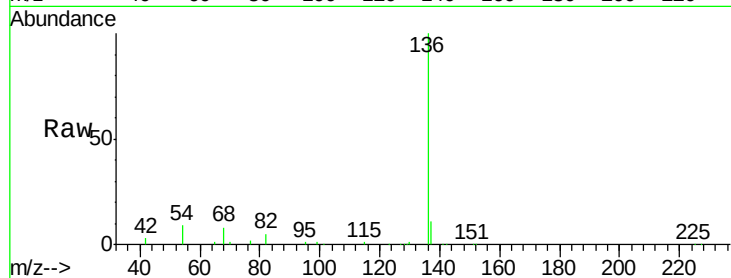
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 8.9 29.1 43.7#

68 8.0 6.2 9.2

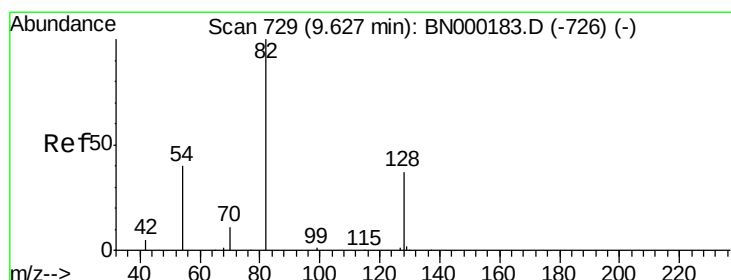
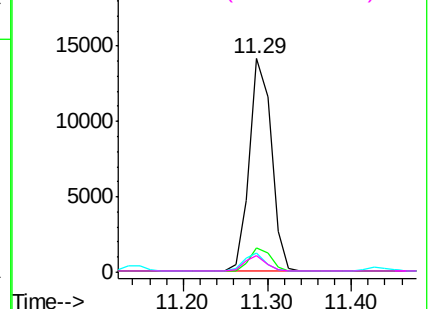
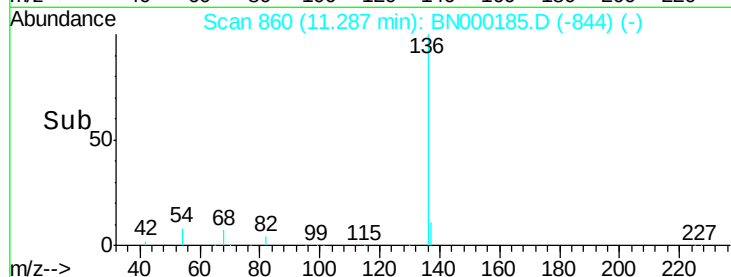


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 1.687 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

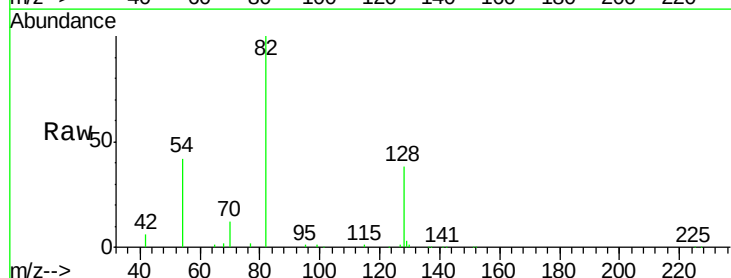
Tgt Ion: 82 Resp: 25805

Ion Ratio Lower Upper

82 100

128 38.1 150.0 225.0#

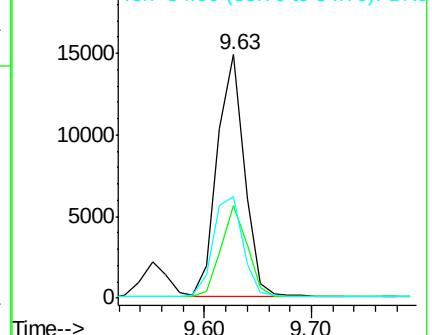
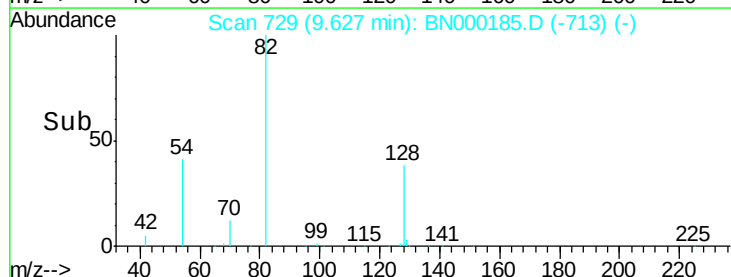
54 41.7 154.2 231.4#

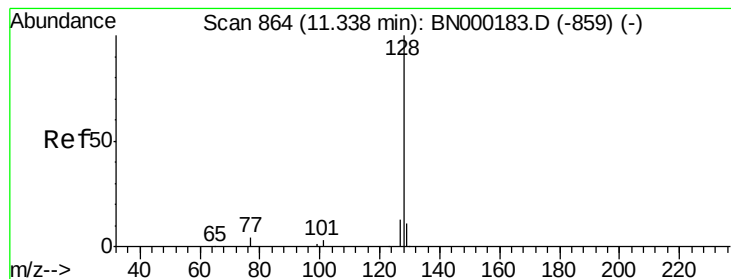


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.644 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

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ClientSampleId :

SSTDICC1.6

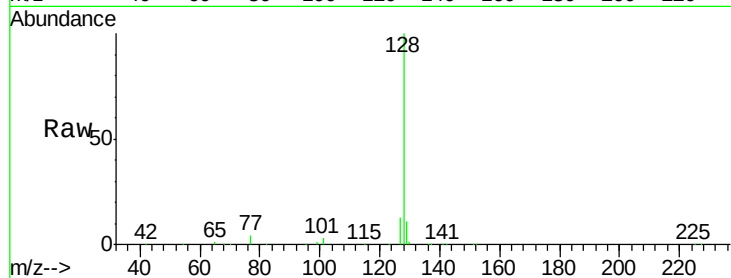
Tgt Ion:128 Resp: 123888

Ion Ratio Lower Upper

128 100

129 10.9 8.0 12.0

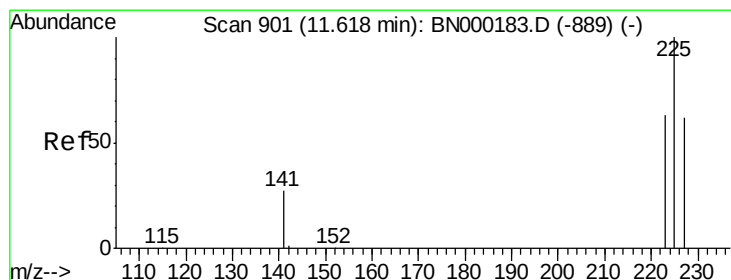
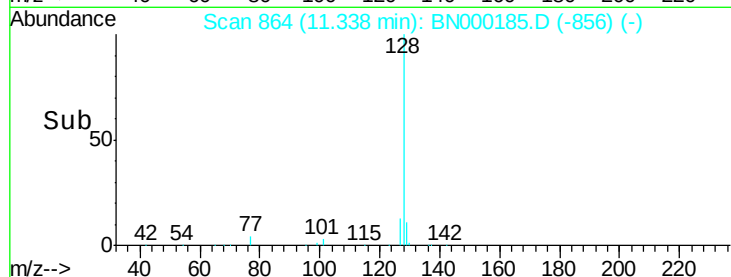
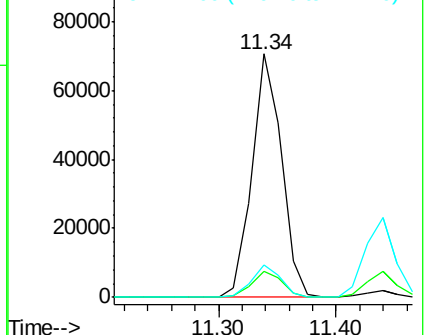
127 13.3 9.6 14.4



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: 1.652 ng

RT: 11.62 min Scan# 901

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

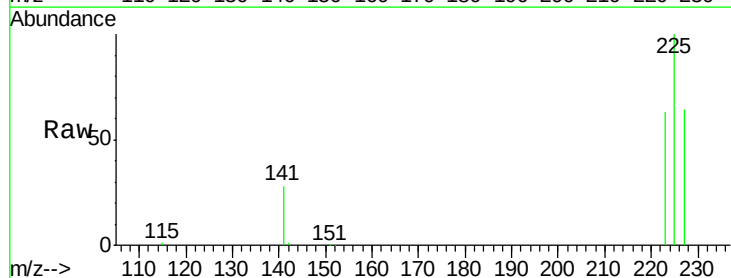
Tgt Ion:225 Resp: 21128

Ion Ratio Lower Upper

225 100

223 62.8 53.0 79.6

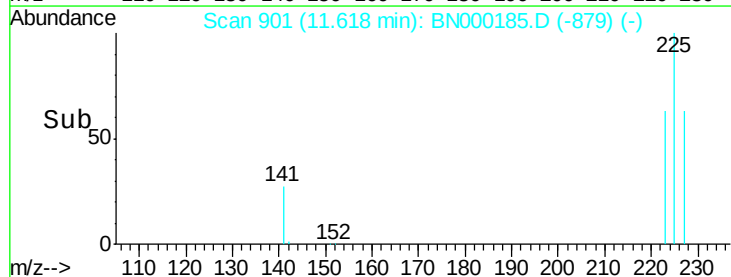
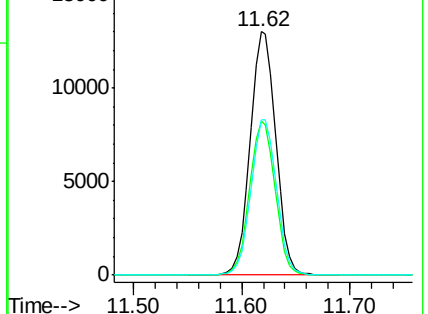
227 63.7 51.4 77.2

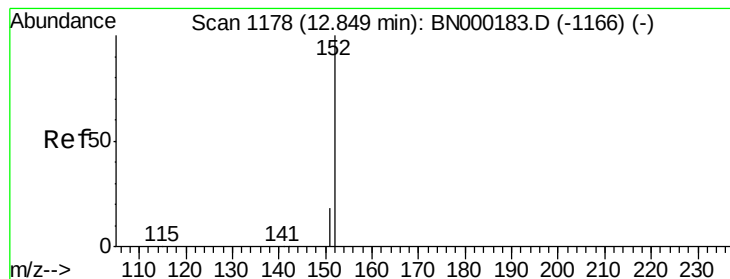


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.655 ng

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

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ClientSampleId :

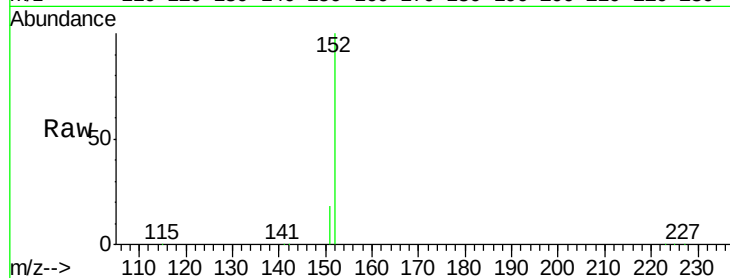
SSTDICC1.6

Tgt Ion:152 Resp: 64264

Ion Ratio Lower Upper

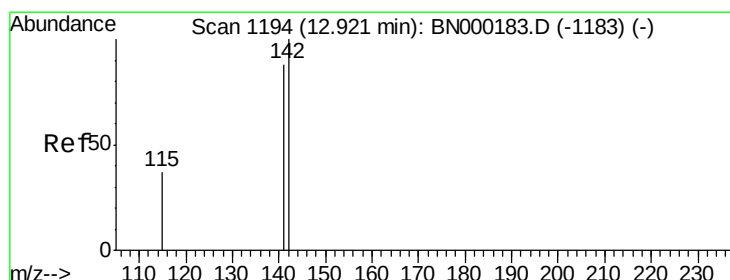
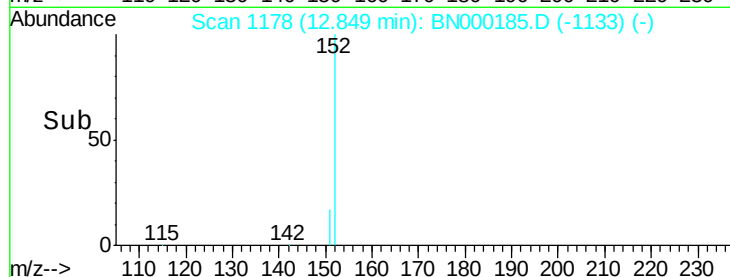
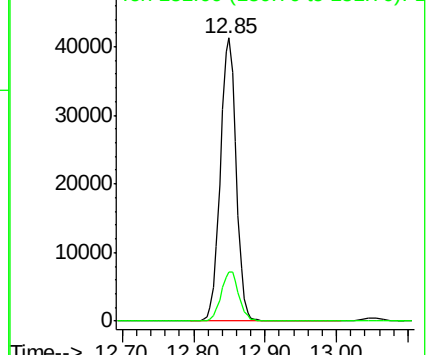
152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.672 ng

RT: 12.92 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

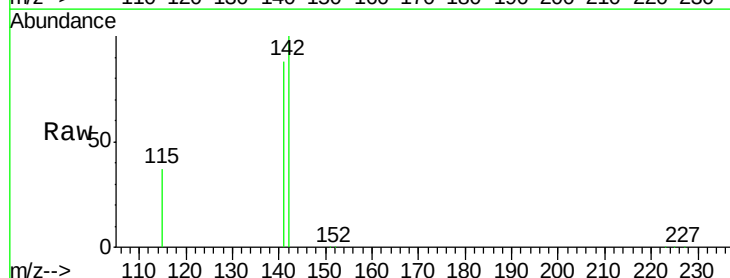
Tgt Ion:142 Resp: 82567

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

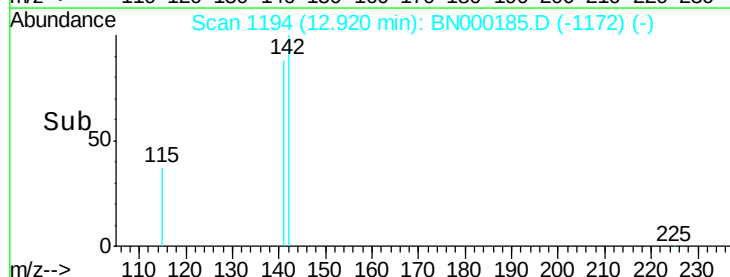
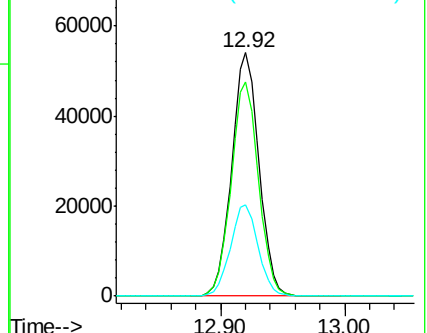
115 37.3 31.7 47.5

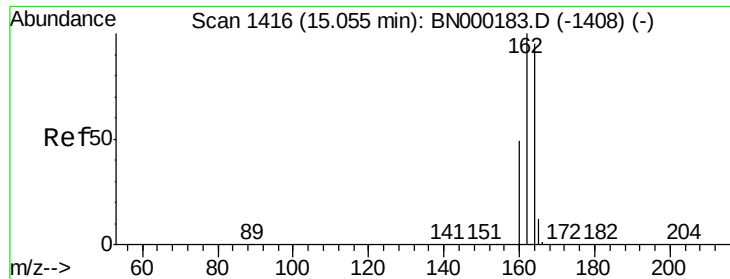


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

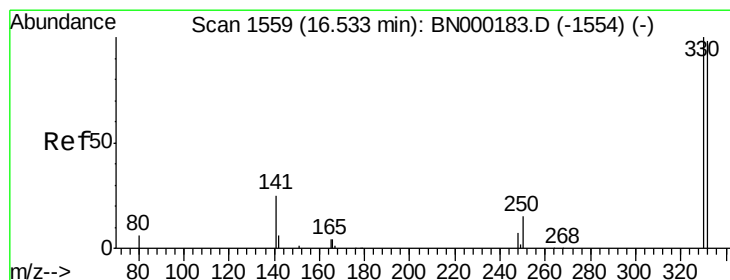
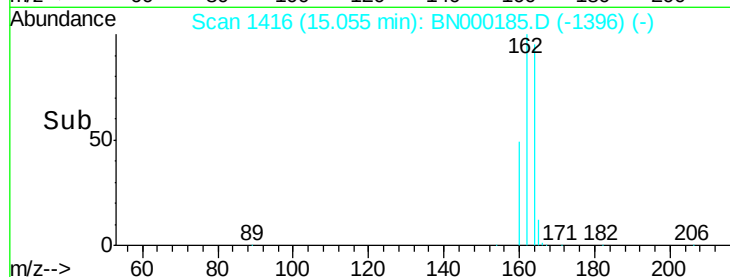
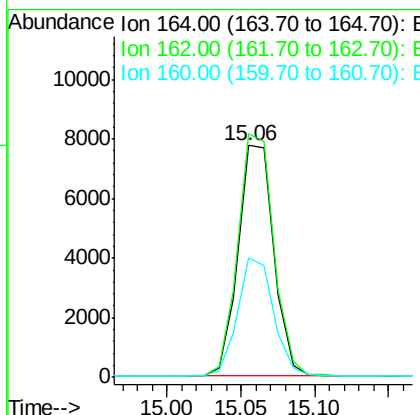
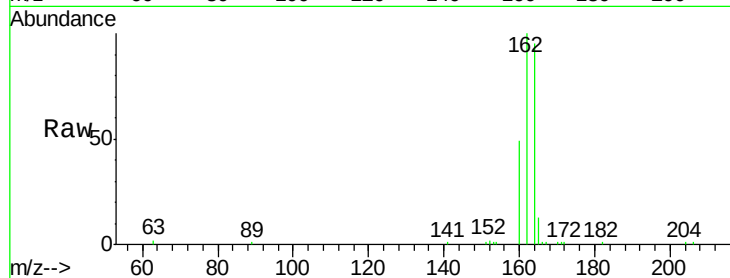




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

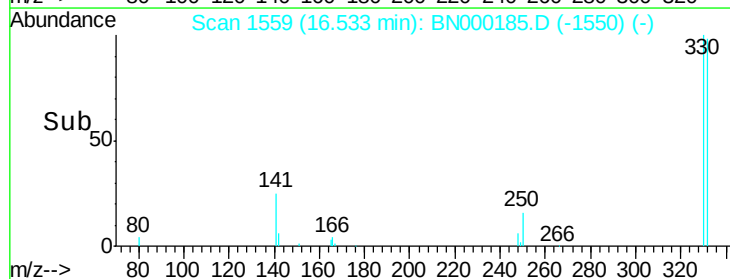
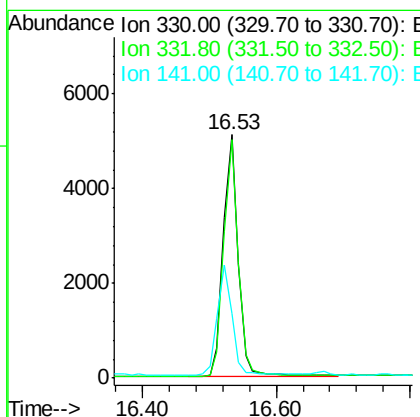
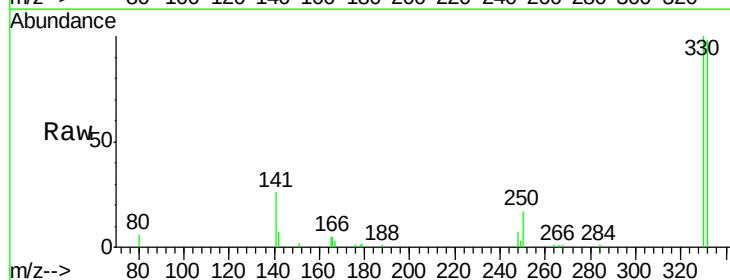
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

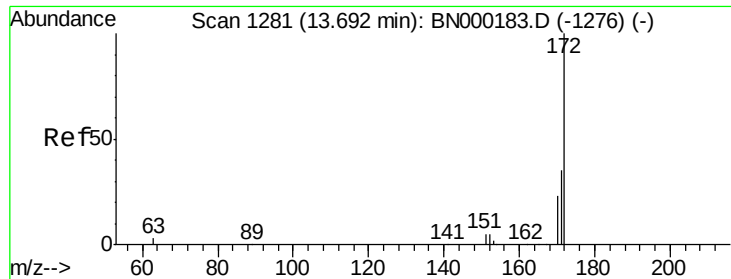
Tgt Ion:164 Resp: 12911
 Ion Ratio Lower Upper
 164 100
 162 105.1 83.1 124.7
 160 51.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 1.822 ng
 RT: 16.53 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

Tgt Ion:330 Resp: 7832
 Ion Ratio Lower Upper
 330 100
 332 96.4 152.7 229.1#
 141 43.9 33.7 50.5

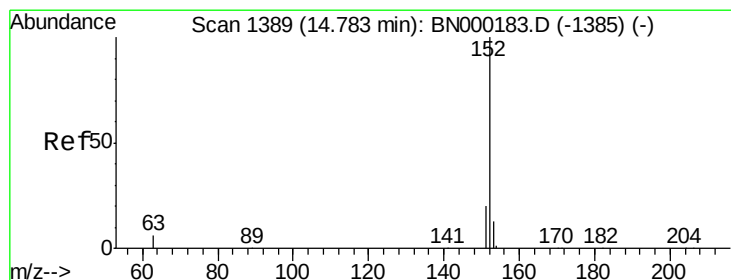
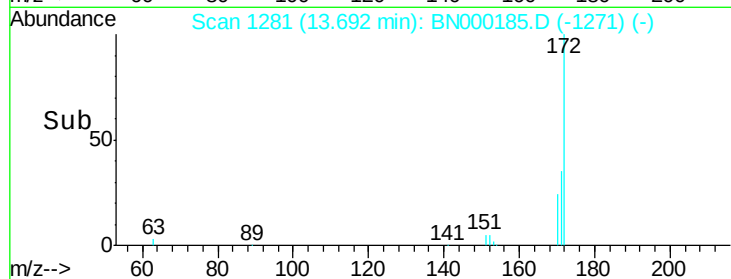
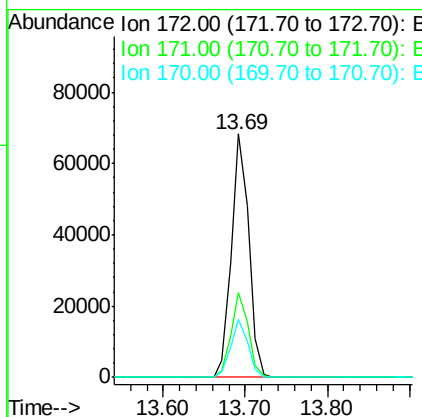
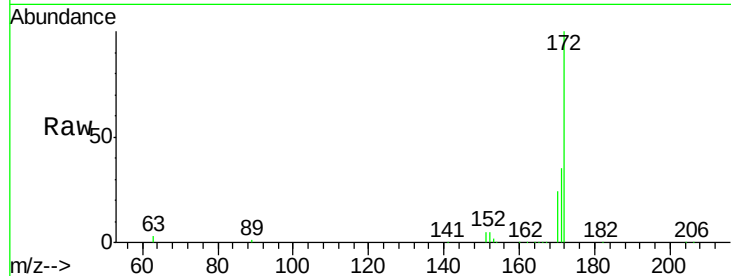




#15
2-Fluorobiphenyl
Concen: 1.643 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000185.D
Acq: 27 Feb 2018 11:34

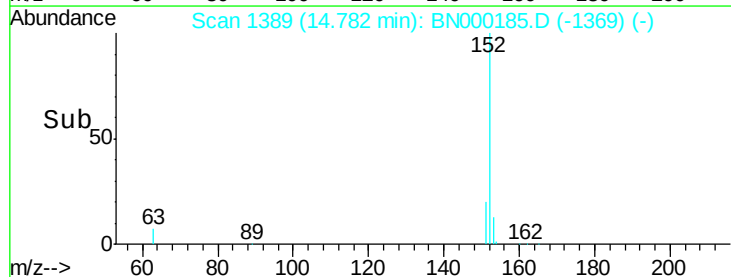
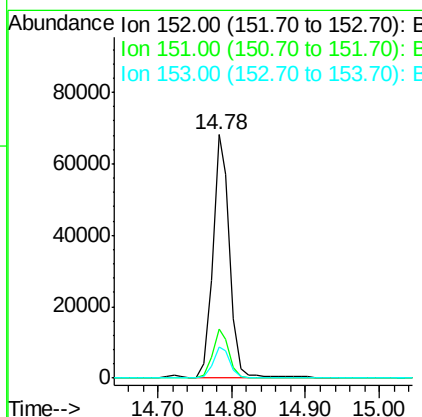
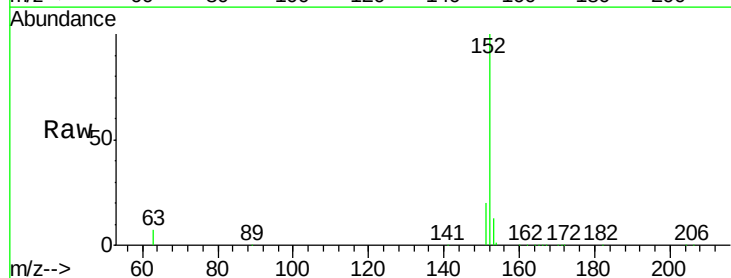
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

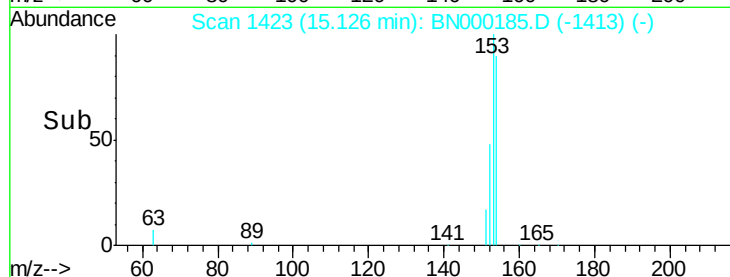
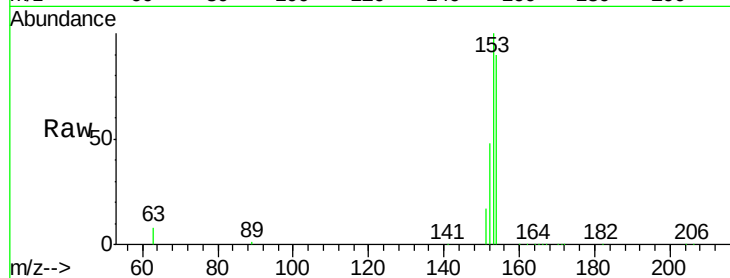
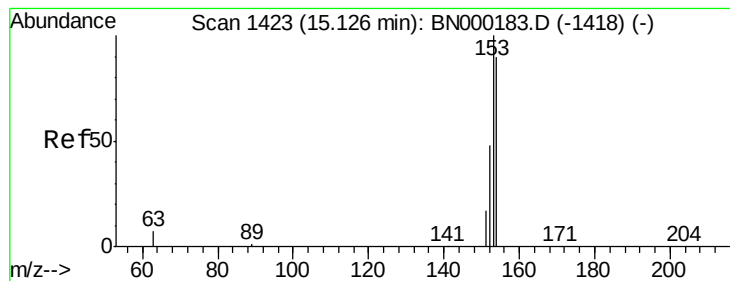
Tgt Ion:172 Resp: 100577
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 23.7 21.8 32.8



#16
Acenaphthylene
Concen: 1.787 ng
RT: 14.78 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN000185.D
Acq: 27 Feb 2018 11:34

Tgt Ion:152 Resp: 108740
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 1.704 ng

RT: 15.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

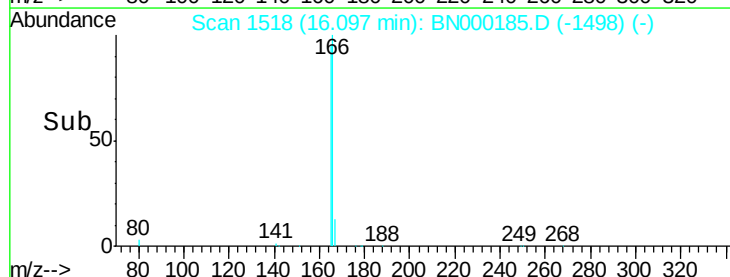
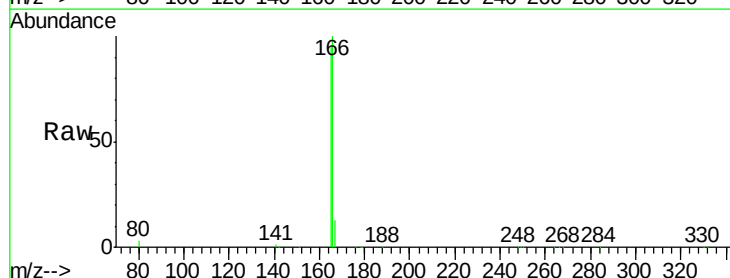
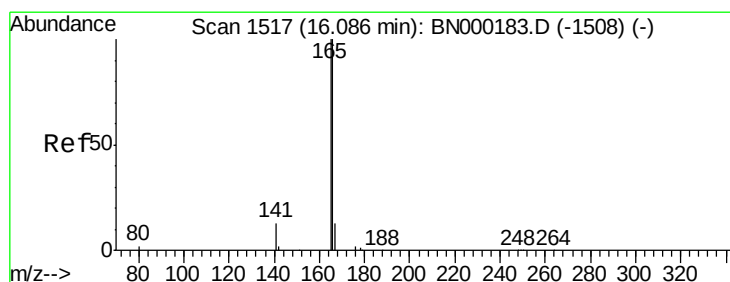
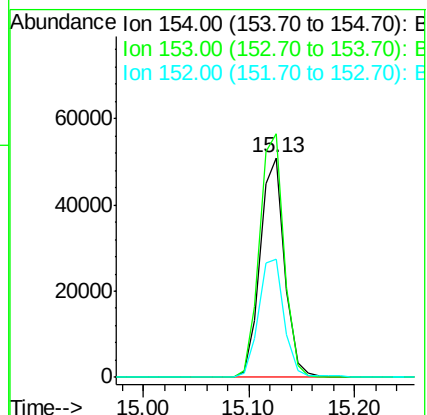
Tgt Ion:154 Resp: 81756

Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

152 55.6 42.0 63.0



#18

Fluorene

Concen: 1.691 ng

RT: 16.10 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

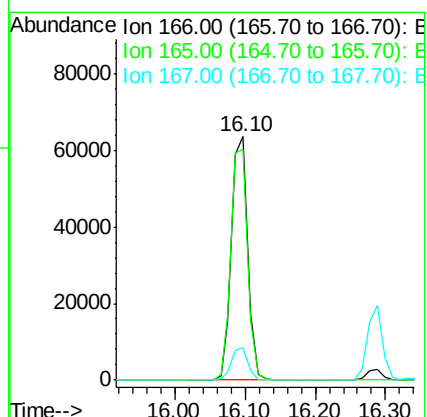
Tgt Ion:166 Resp: 101169

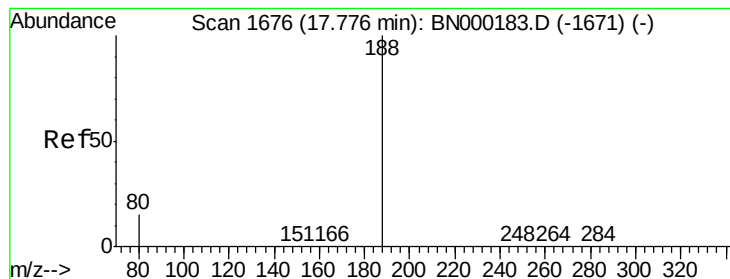
Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

167 13.5 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: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

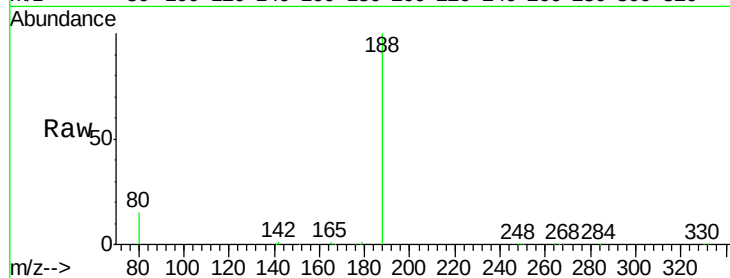
Tgt Ion:188 Resp: 27123

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

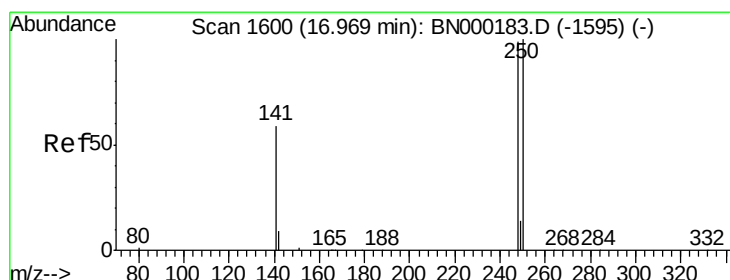
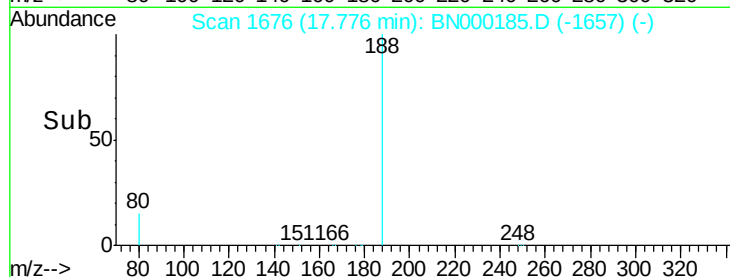
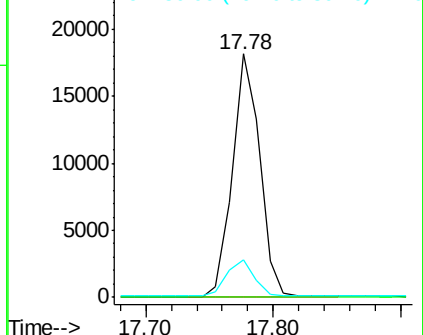
80 15.2 3.6 5.4#



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: 1.757 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

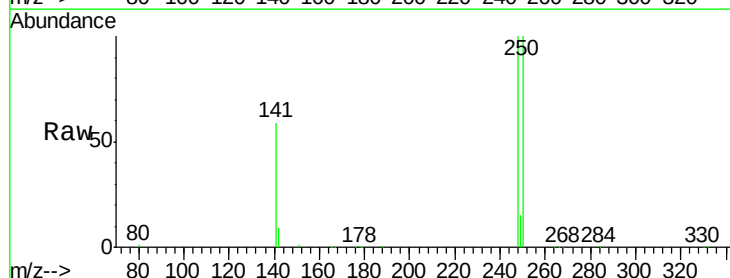
Tgt Ion:248 Resp: 27451

Ion Ratio Lower Upper

248 100

250 100.4 62.7 94.1#

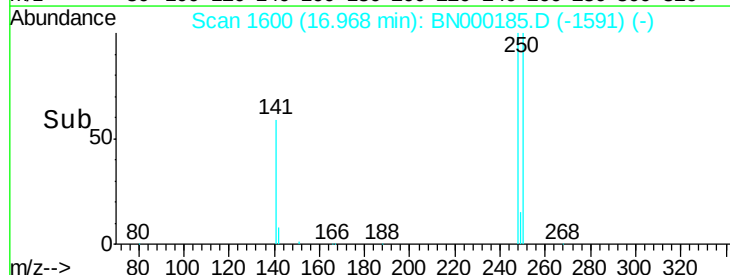
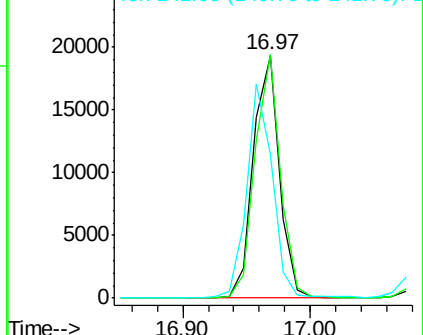
141 59.3 48.2 72.2

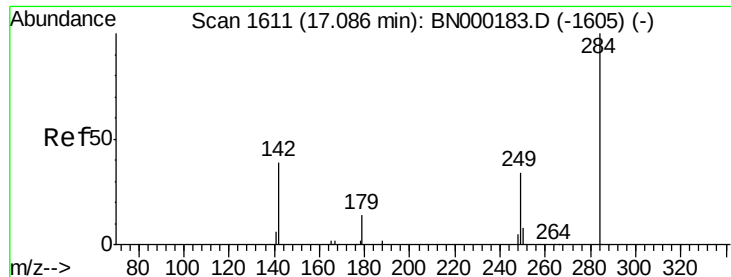


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

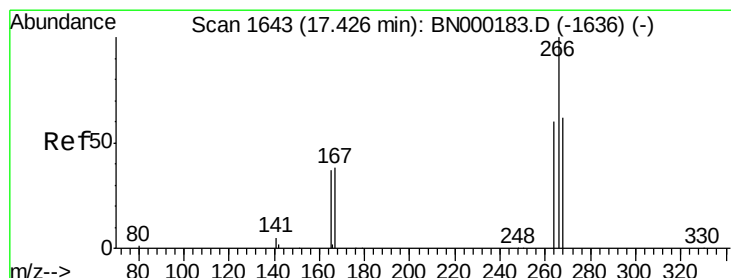
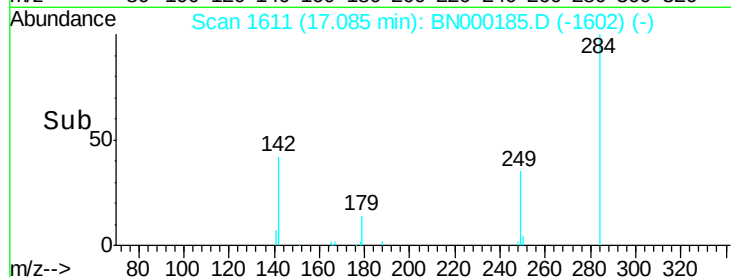
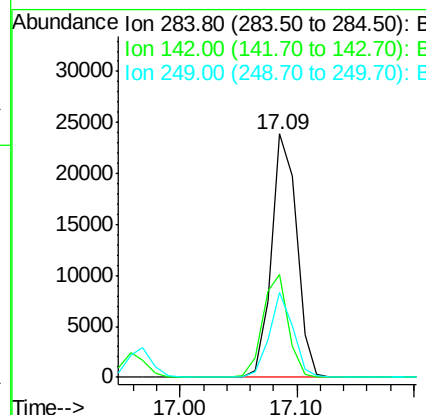
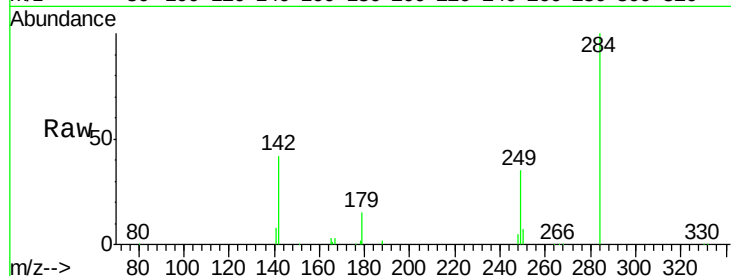




#21
Hexachlorobenzene
Concen: 1.710 ng
RT: 17.09 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BN000185.D
Acq: 27 Feb 2018 11:34

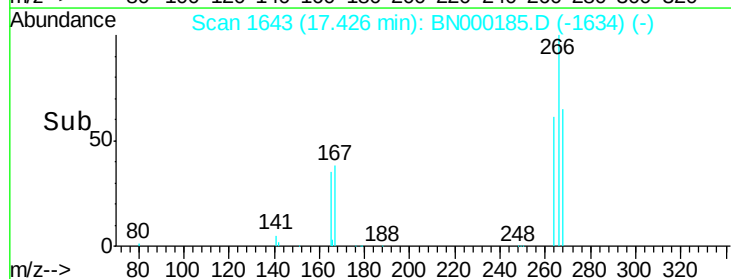
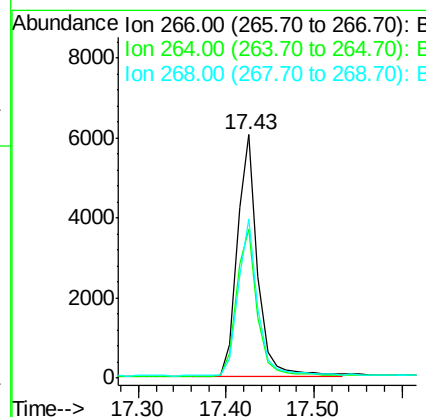
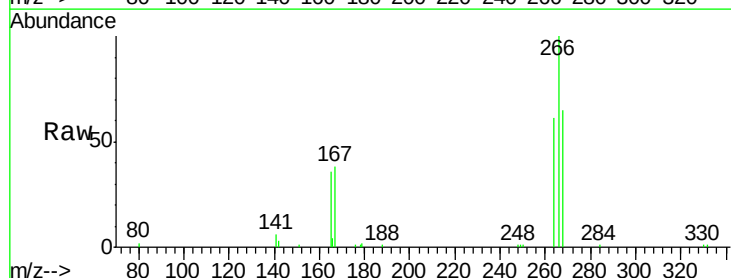
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

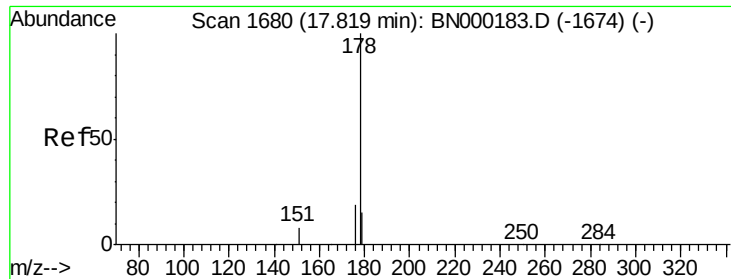
Tgt Ion:284 Resp: 35749
Ion Ratio Lower Upper
284 100
142 42.2 32.0 48.0
249 32.3 24.0 36.0



#22
Pentachlorophenol
Concen: 1.708 ng
RT: 17.43 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BN000185.D
Acq: 27 Feb 2018 11:34

Tgt Ion:266 Resp: 9536
Ion Ratio Lower Upper
266 100
264 61.4 48.0 72.0
268 65.2 52.0 78.0





#23

Phenanthrene

Concen: 1.679 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

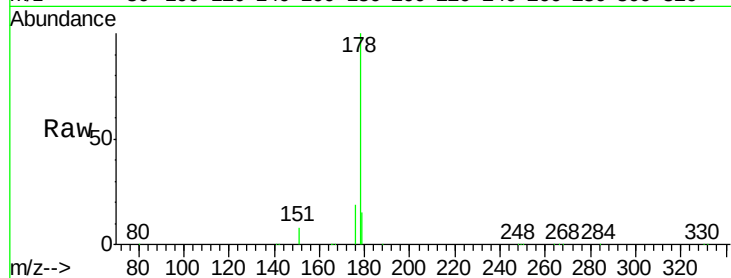
Tgt Ion:178 Resp: 160296

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

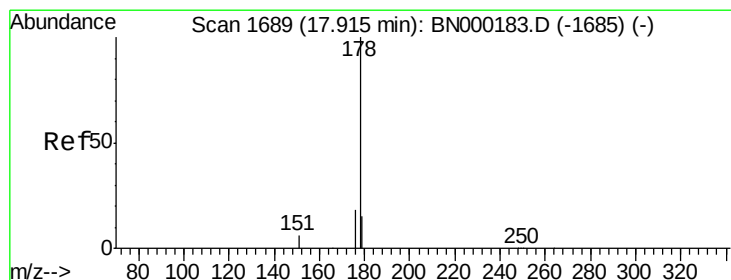
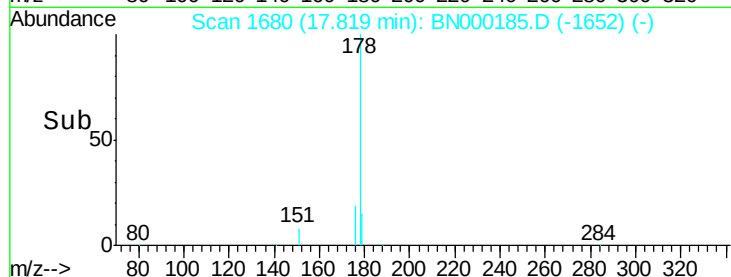
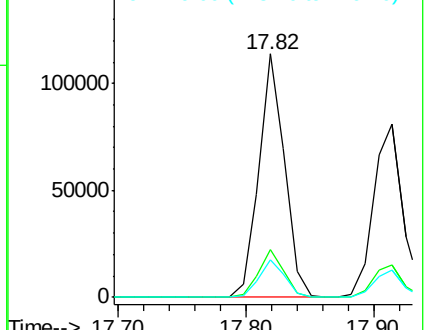
179 15.3 11.8 17.6



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: 1.737 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

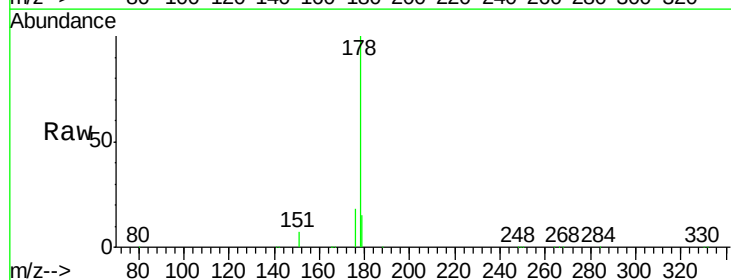
Tgt Ion:178 Resp: 129767

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

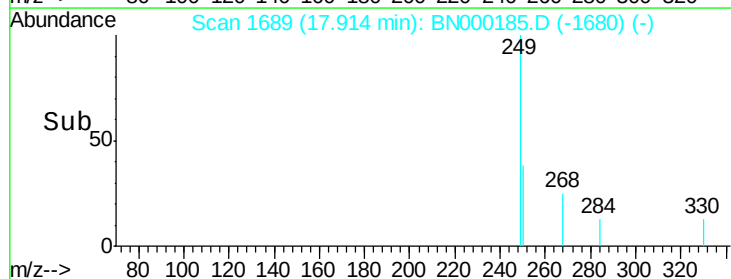
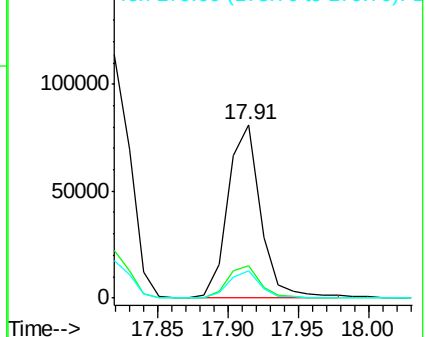
179 15.2 13.0 19.6

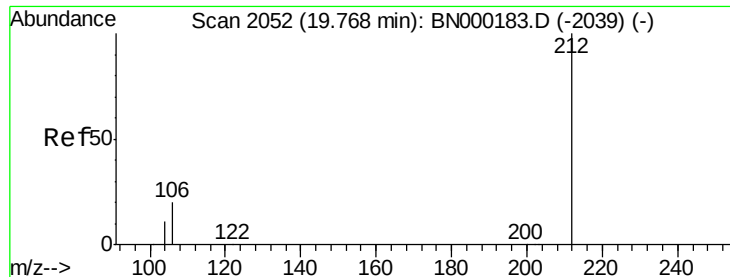


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.695 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

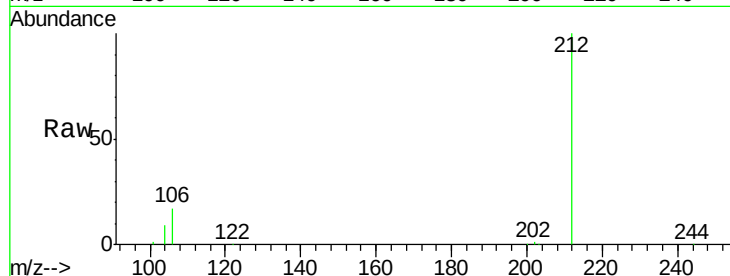
Tgt Ion:212 Resp: 122867

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

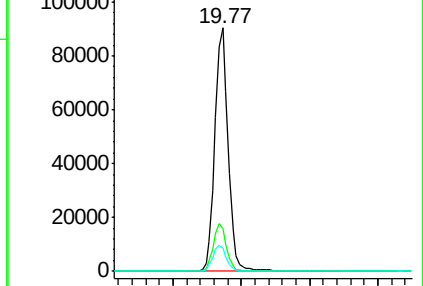
104 10.7 1.6 2.4#



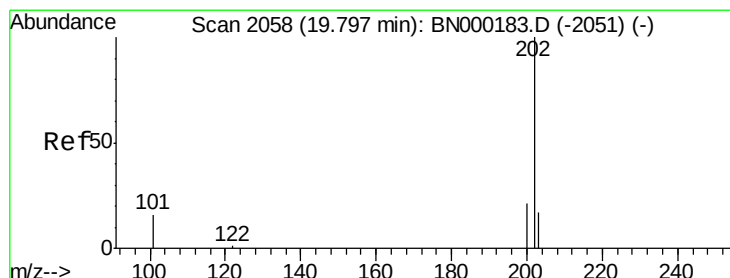
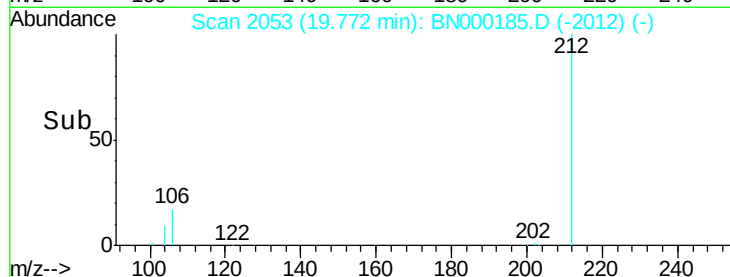
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 1.771 ng

RT: 19.80 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

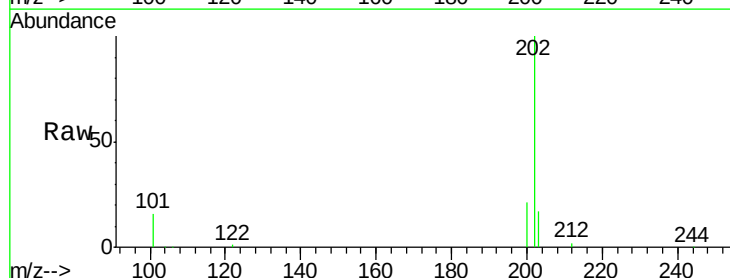
Tgt Ion:202 Resp: 175300

Ion Ratio Lower Upper

202 100

101 15.7 9.8 14.8#

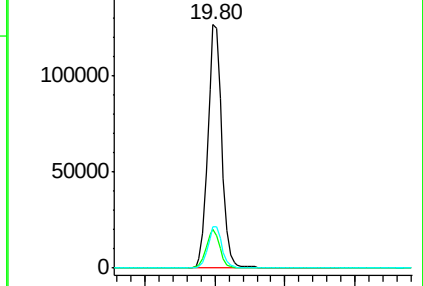
203 17.2 13.7 20.5



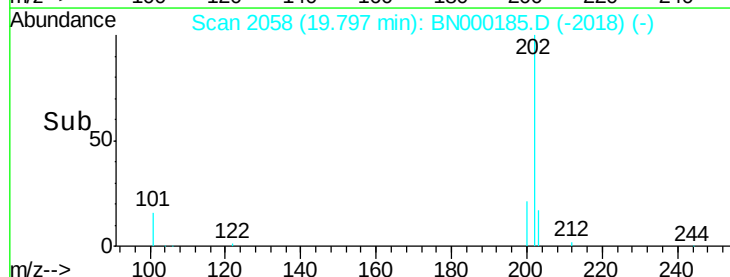
Abundance Ion 202.00 (201.70 to 202.70): E

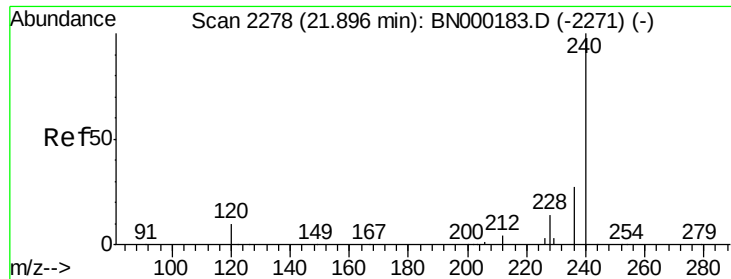
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

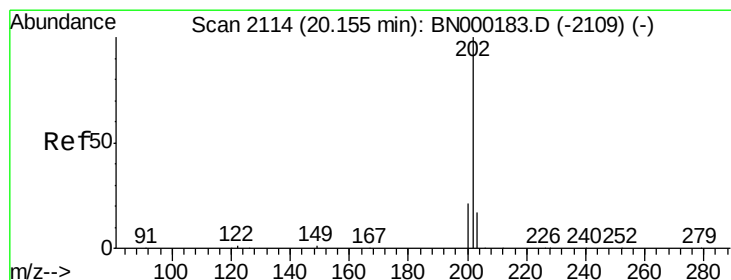
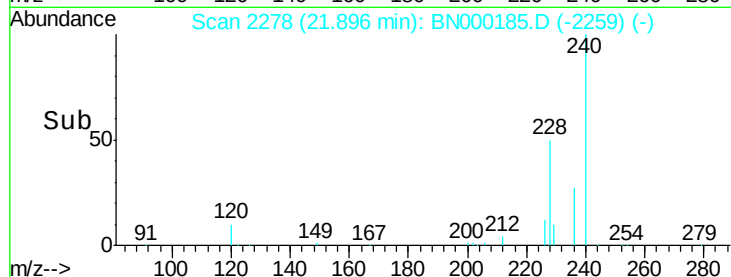
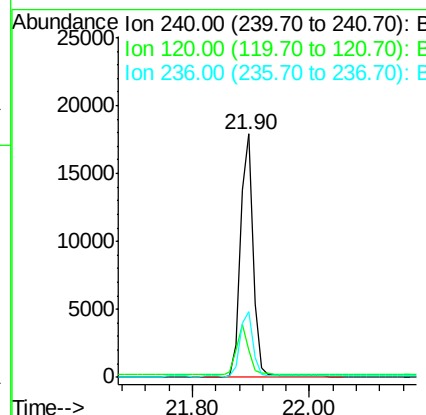
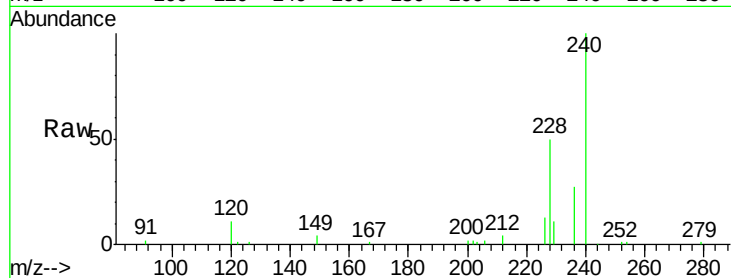




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.90 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

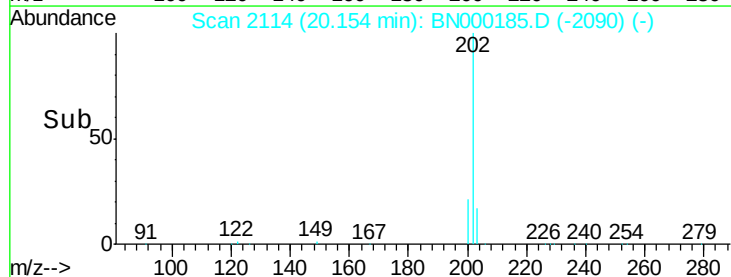
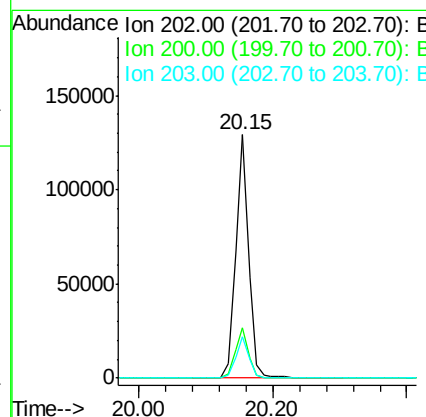
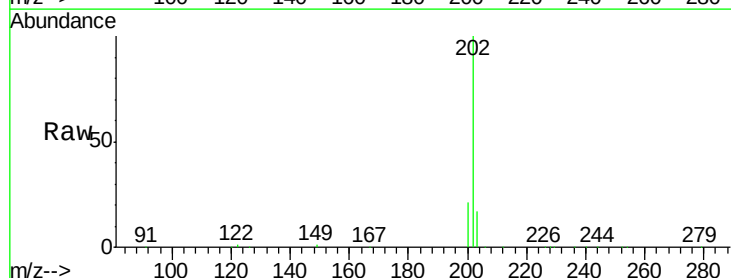
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

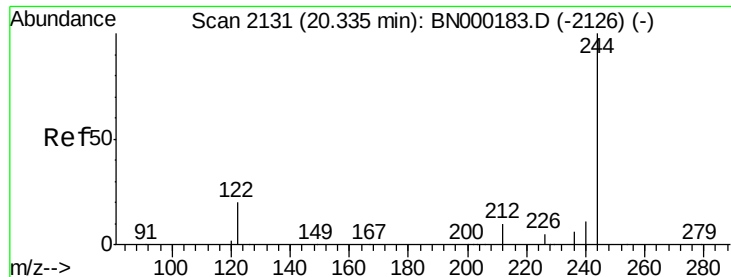
Tgt Ion:240 Resp: 26040
 Ion Ratio Lower Upper
 240 100
 120 11.2 5.5 8.3#
 236 27.2 20.7 31.1



#28
 Pyrene
 Concen: 1.685 ng
 RT: 20.15 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

Tgt Ion:202 Resp: 172240
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 25.0
 203 17.3 13.8 20.8





#29

Terphenyl-d14

Concen: 1.676 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

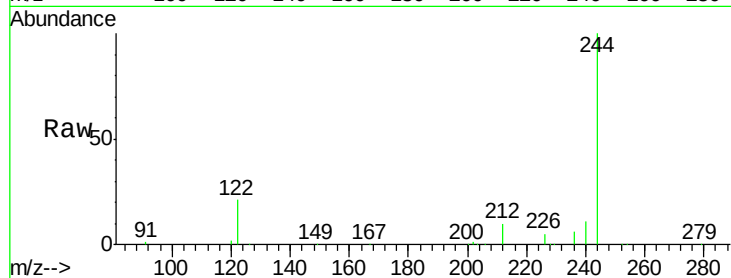
Tgt Ion:244 Resp: 76652

Ion Ratio Lower Upper

244 100

212 10.2 25.4 38.0#

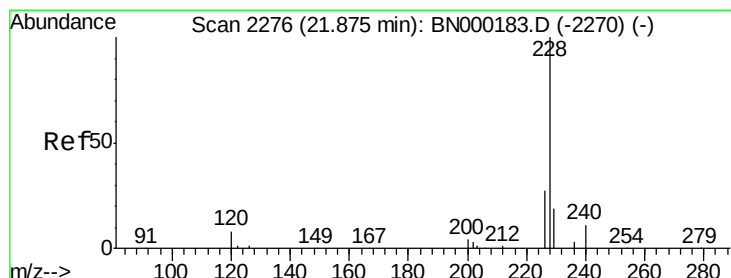
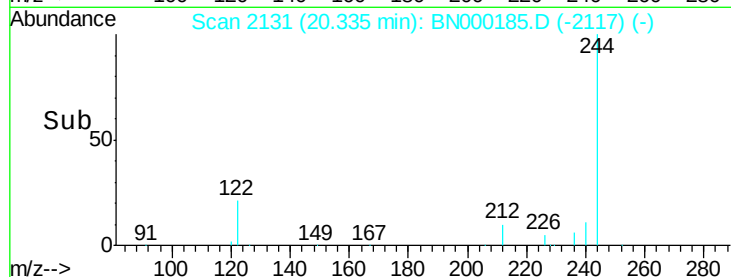
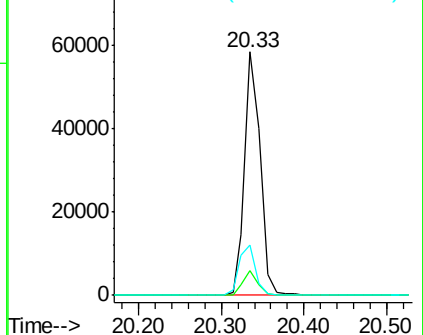
122 20.7 8.1 12.1#



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: 1.709 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

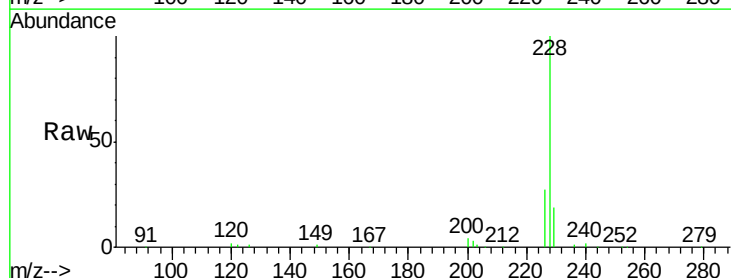
Tgt Ion:228 Resp: 140203

Ion Ratio Lower Upper

228 100

226 27.3 24.0 36.0

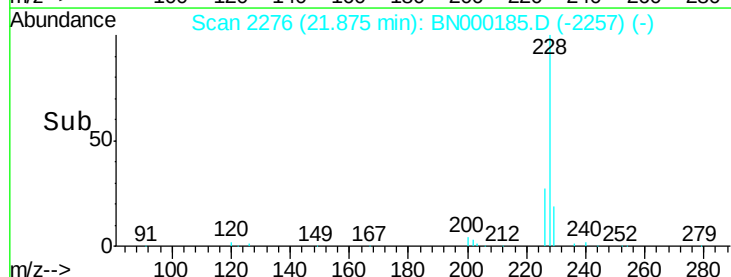
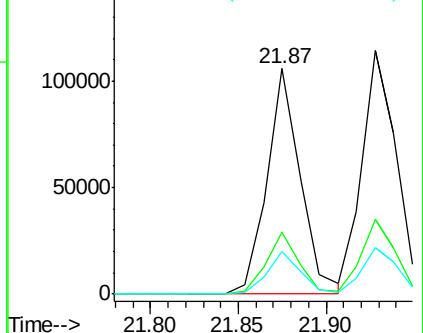
229 19.2 16.0 24.0

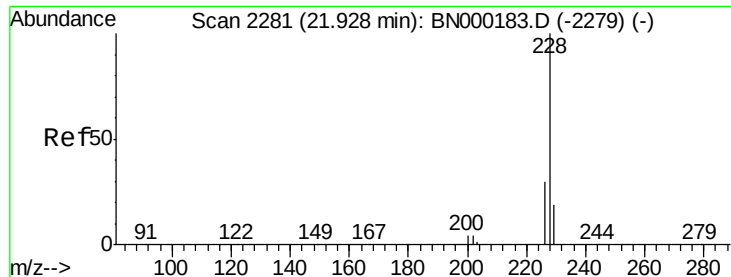


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.633 ng

RT: 21.93 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

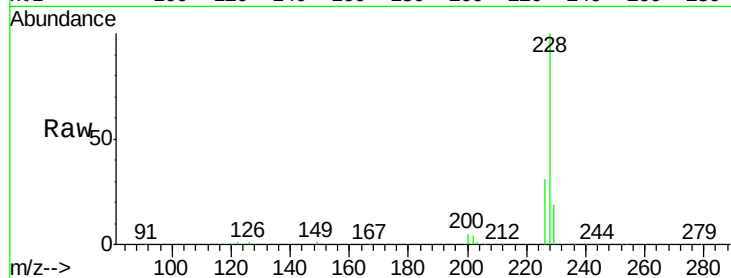
Tgt Ion: 228 Resp: 156512

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

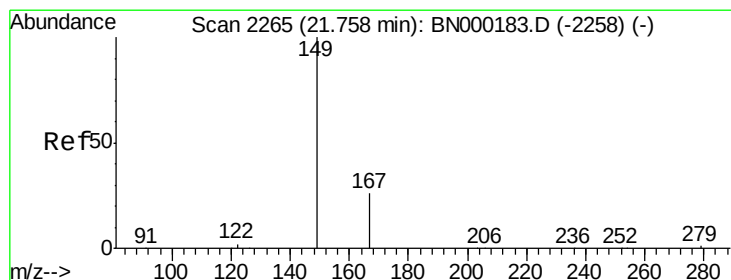
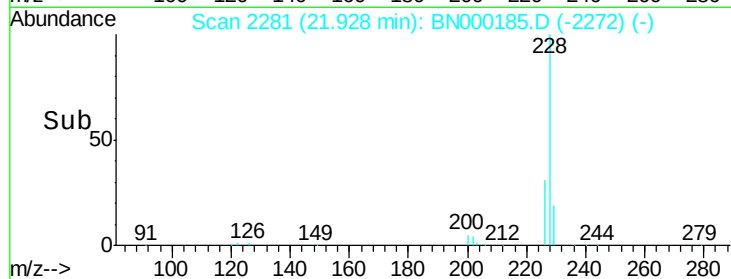
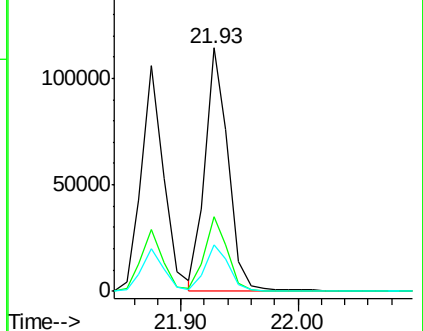
229 19.2 16.0 24.0



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: 1.644 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

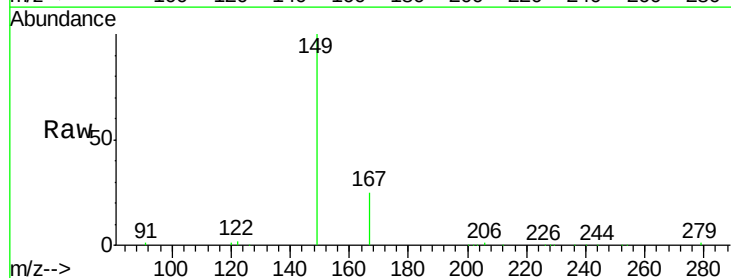
Tgt Ion: 149 Resp: 50189

Ion Ratio Lower Upper

149 100

167 26.2 20.0 30.0

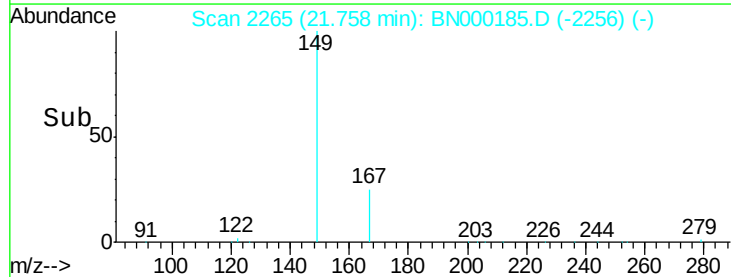
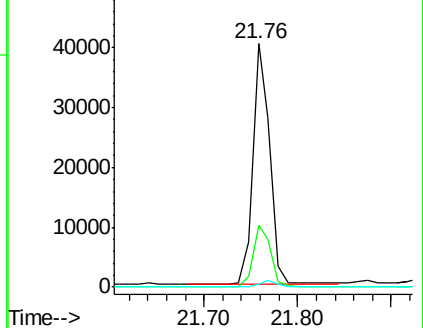
279 2.4 1.6 2.4#

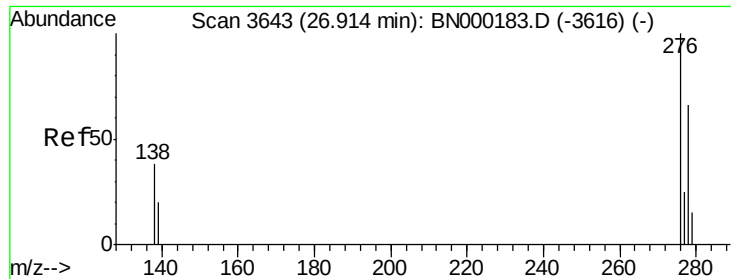


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.625 ng

RT: 26.92 min Scan# 3644

Delta R.T. 0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

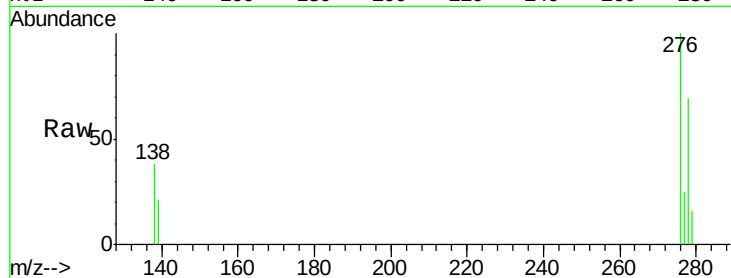
Tgt Ion:276 Resp: 145410

Ion Ratio Lower Upper

276 100

138 39.0 22.5 33.7#

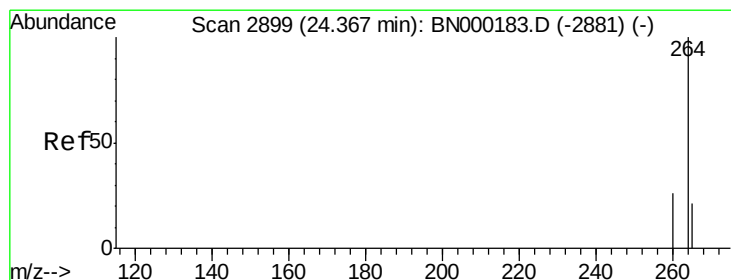
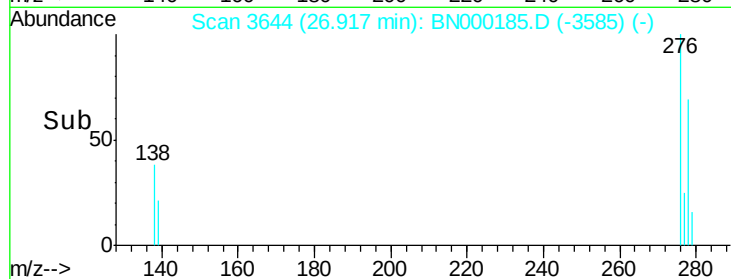
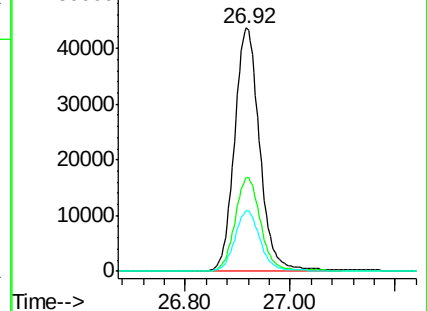
277 24.9 19.9 29.9



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: BN000185.D

Acq: 27 Feb 2018 11:34

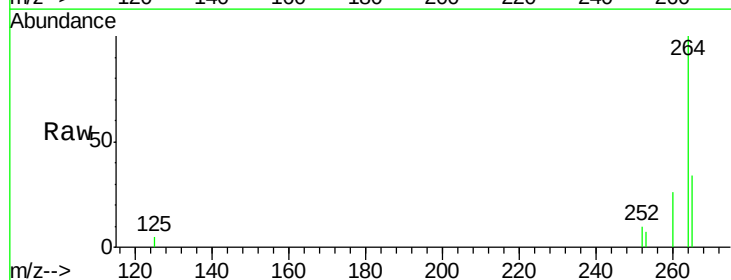
Tgt Ion:264 Resp: 19514

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

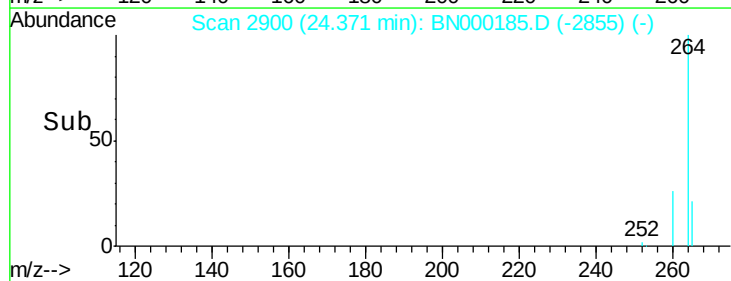
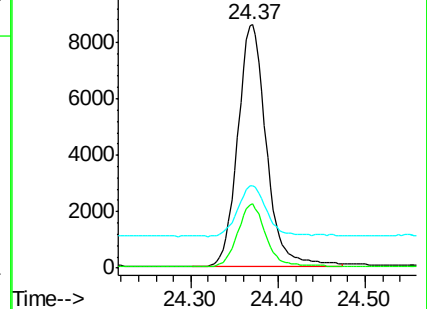
265 33.9 22.8 34.2

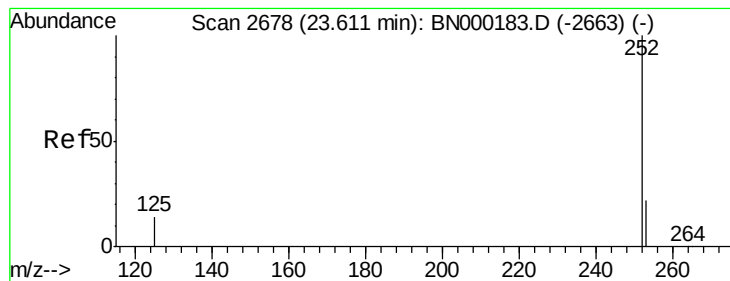


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.707 ng

RT: 23.61 min Scan# 2679

Delta R.T. 0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

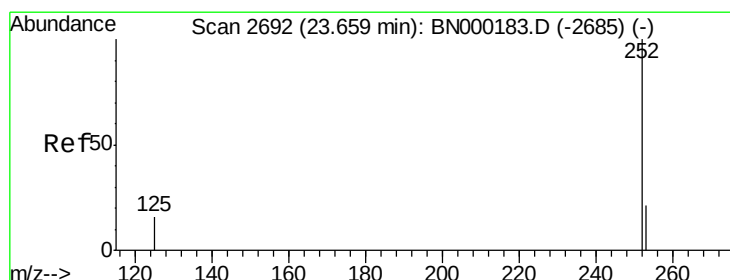
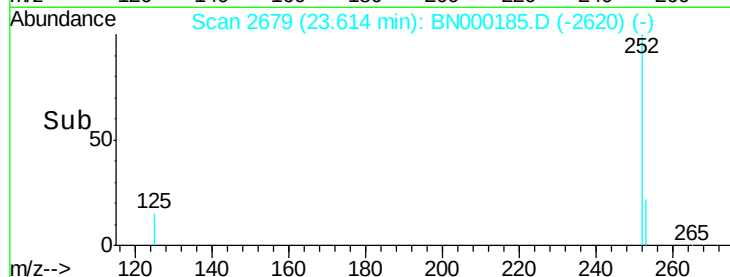
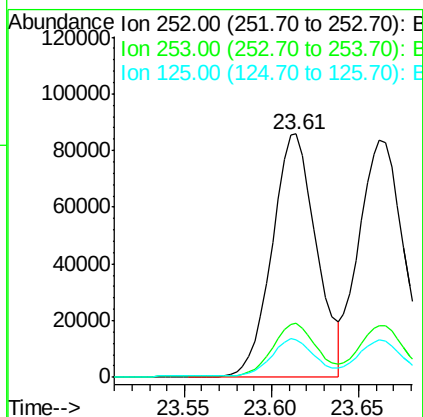
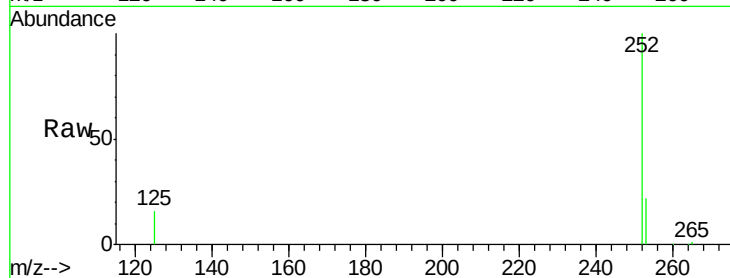
Tgt Ion:252 Resp: 152062

Ion Ratio Lower Upper

252 100

253 22.1 20.0 30.0

125 15.6 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 1.758 ng

RT: 23.66 min Scan# 2693

Delta R.T. 0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

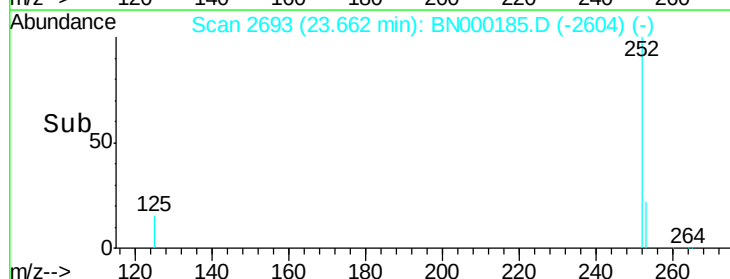
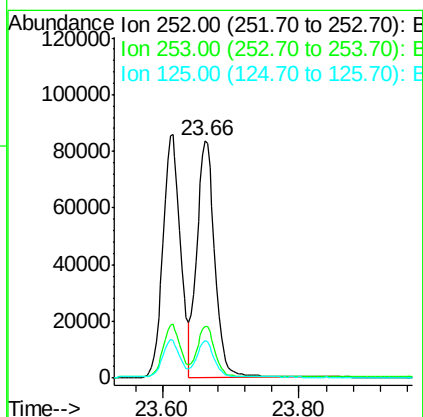
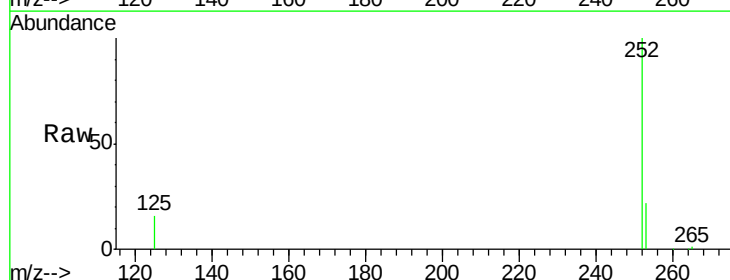
Tgt Ion:252 Resp: 153226

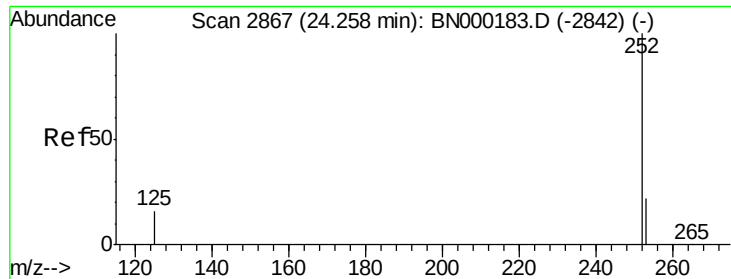
Ion Ratio Lower Upper

252 100

253 22.0 16.0 24.0

125 15.6 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 1.777 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

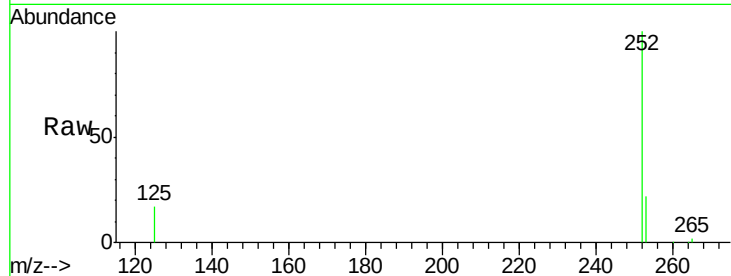
Tgt Ion:252 Resp: 128950

Ion Ratio Lower Upper

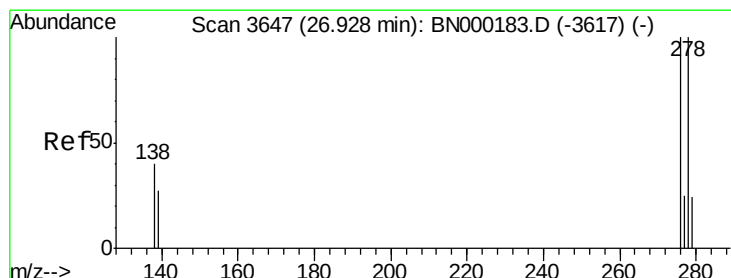
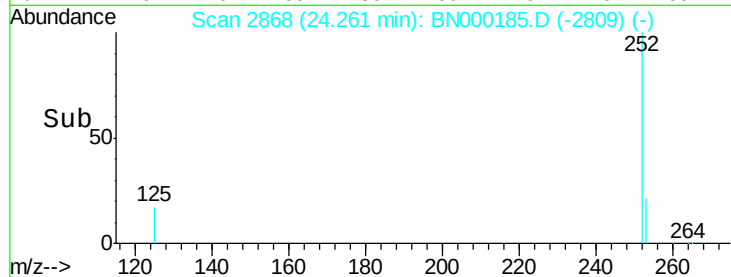
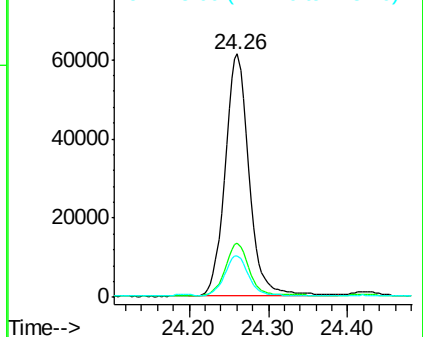
252 100

253 22.1 16.0 24.0

125 17.2 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: 1.804 ng

RT: 26.93 min Scan# 3648

Delta R.T. 0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

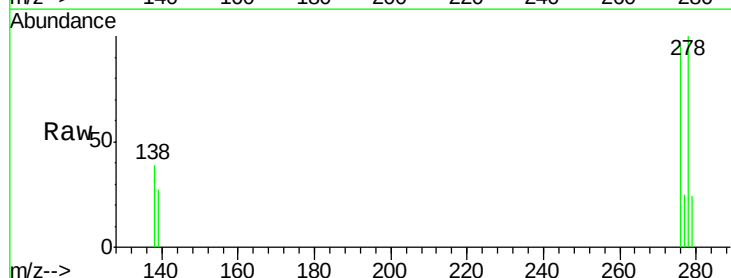
Tgt Ion:278 Resp: 116575

Ion Ratio Lower Upper

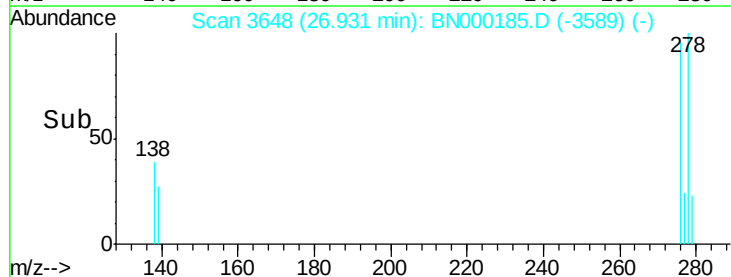
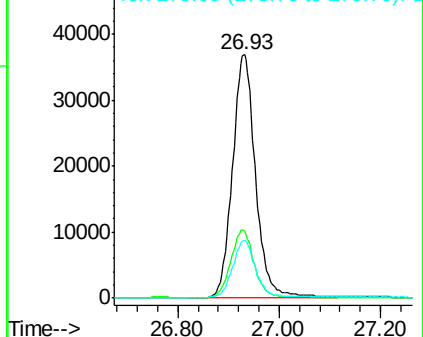
278 100

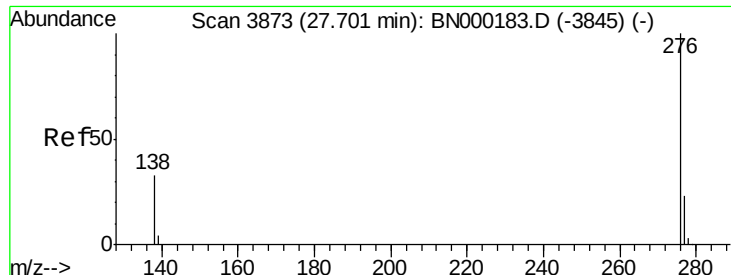
139 27.3 16.0 24.0#

279 23.8 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: 1.658 ng

RT: 27.70 min Scan# 3873

Delta R.T. -0.00 min

Lab File: BN000185.D

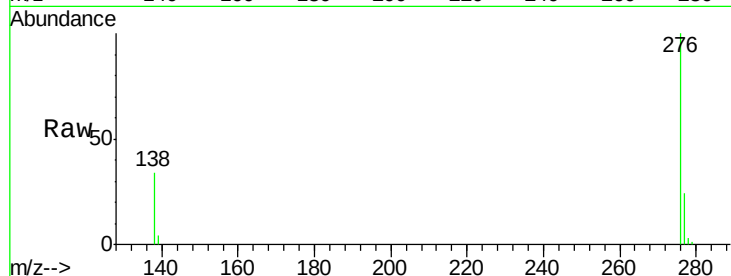
Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6



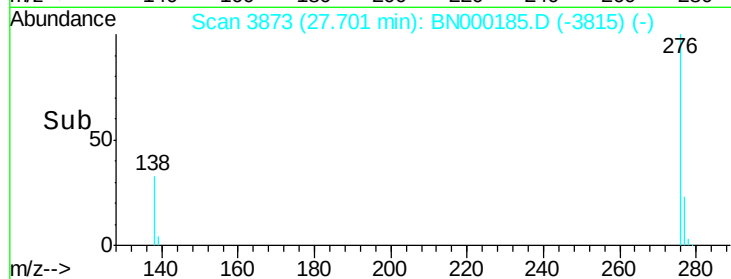
Tgt Ion: 276 Resp: 126442

Ion Ratio Lower Upper

276 100

277 23.5 16.0 24.0

138 33.6 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

