

Data Path : \\74.0.250.170\SV0ASRV\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 :

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

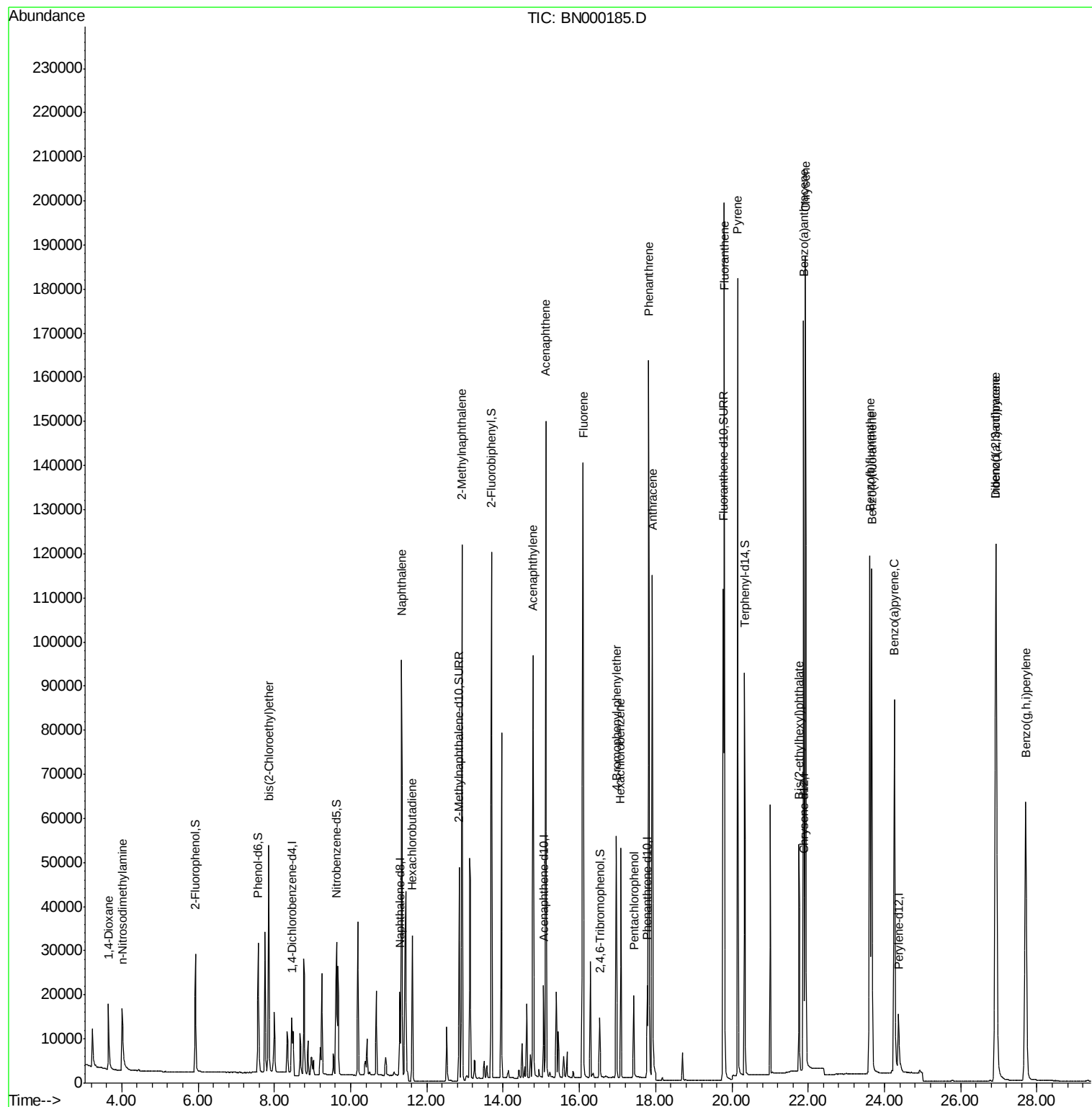
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	12825	1.576	ng	95
3) n-Nitrosodimethylamine	4.01	42	10308	1.920	ng	# 99
6) bis(2-Chloroethyl)ether	7.85	93	39518	1.664	ng	99
9) Naphthalene	11.34	128	123888	1.644	ng	97
10) Hexachlorobutadiene	11.62	225	21128	1.652	ng	97
12) 2-Methylnaphthalene	12.92	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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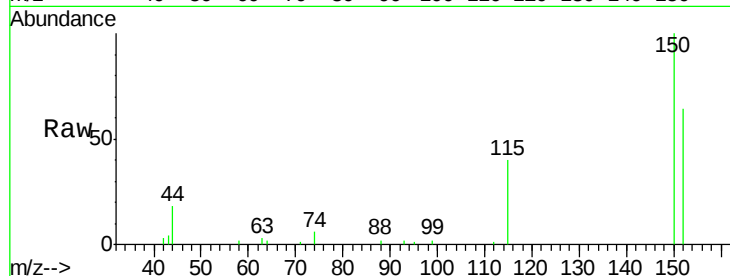




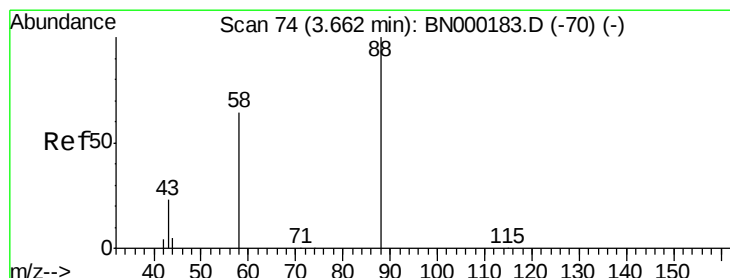
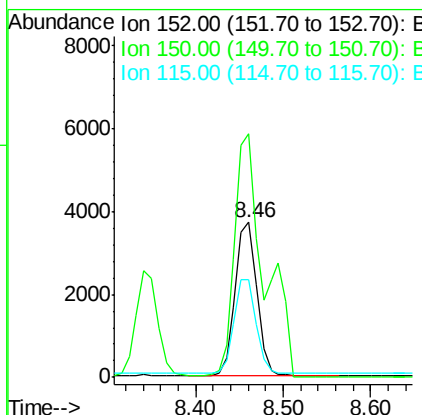
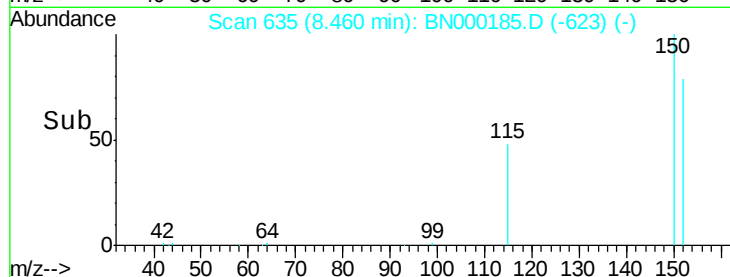
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.46 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

Instrument :
 BNA_N
 ClientSampleId :

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

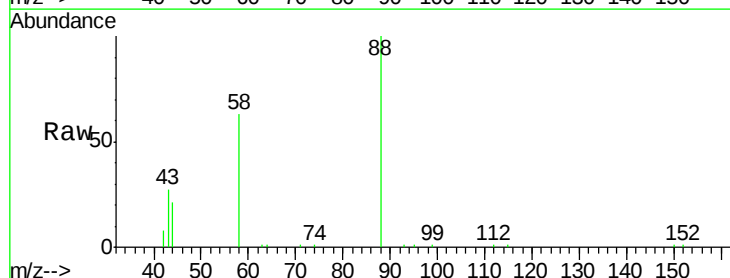


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

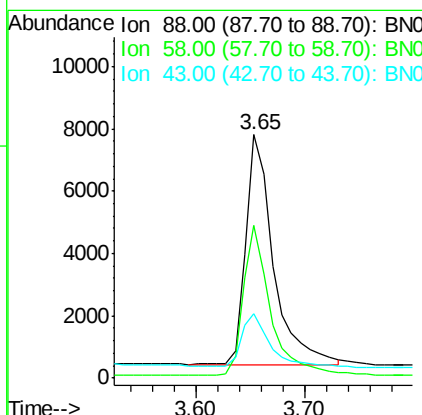
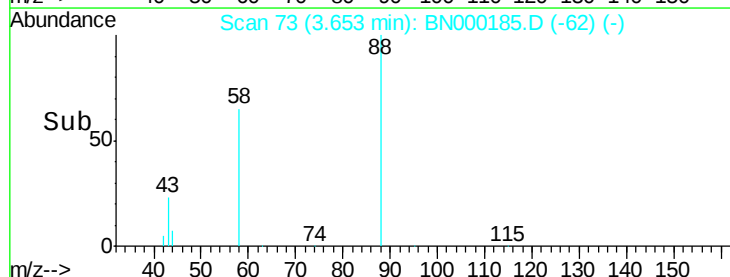


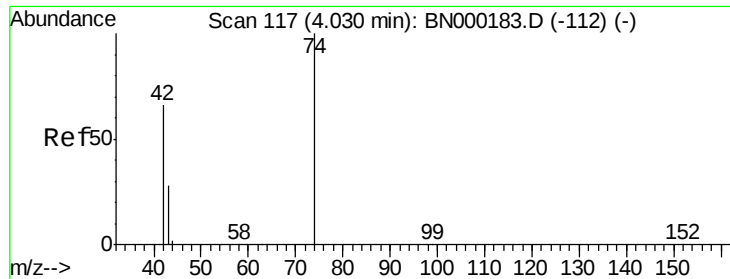
#2
 1,4-Dioxane
 Concen: 1.576 ng
 RT: 3.65 min Scan# 73
 Delta R.T. -0.01 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

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



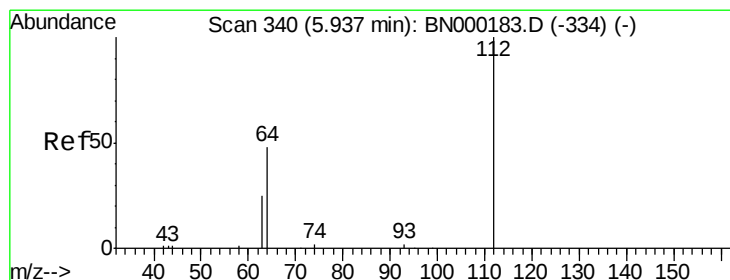
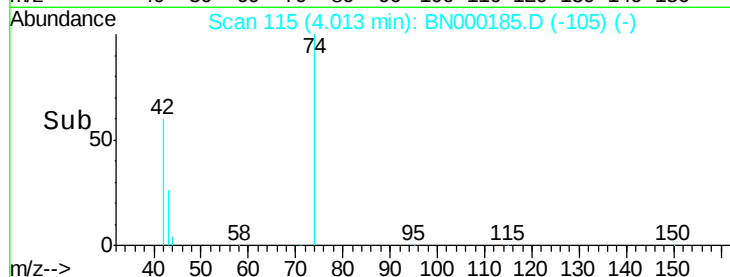
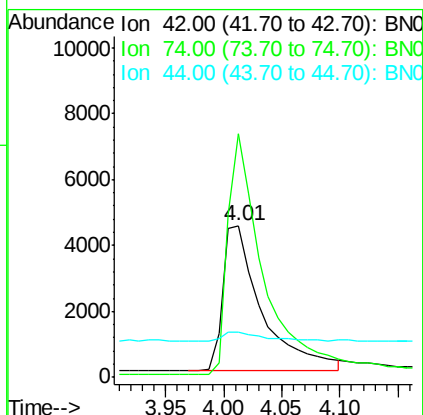
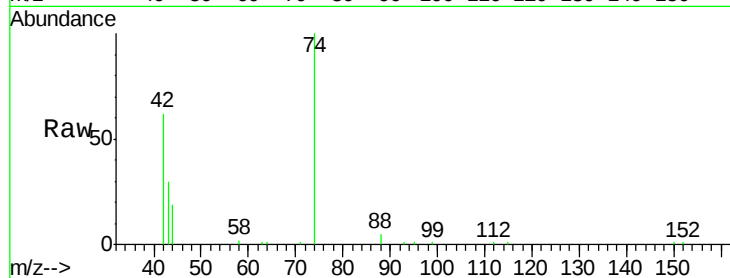


#3

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 :

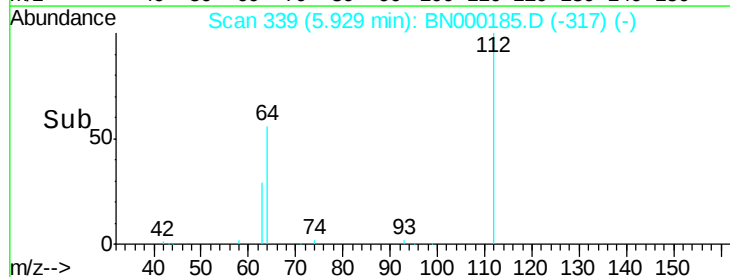
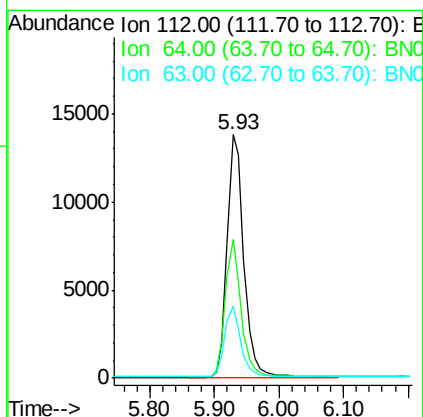
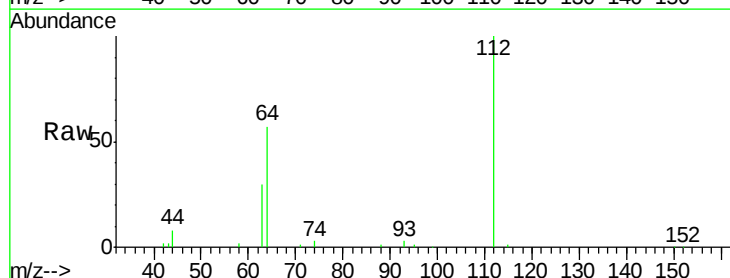
Tgt Ion: 42 Resp: 10308
Ion Ratio Lower Upper
42 100
74 151.4 120.0 180.0
44 7.3 4.0 6.0#

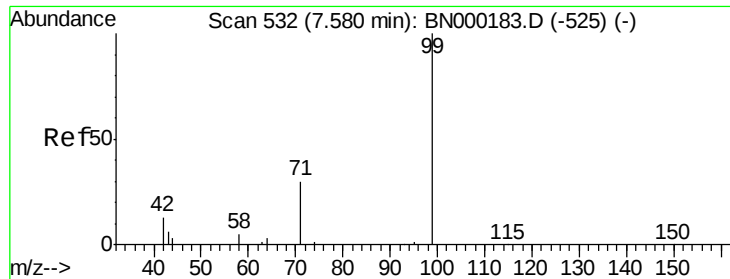


#4

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#





#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 :

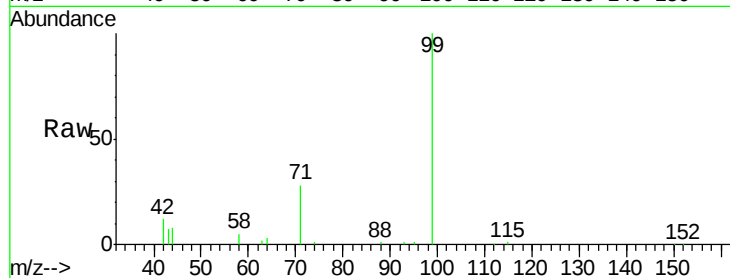
Tgt Ion: 99 Resp: 31877

Ion Ratio Lower Upper

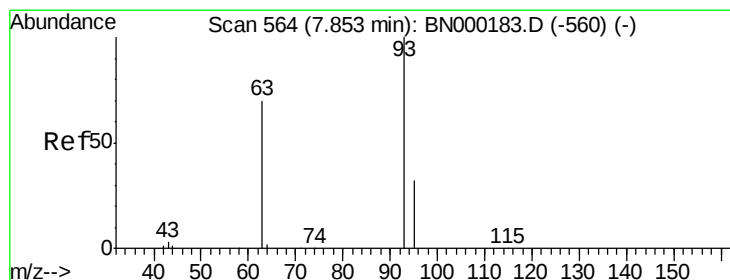
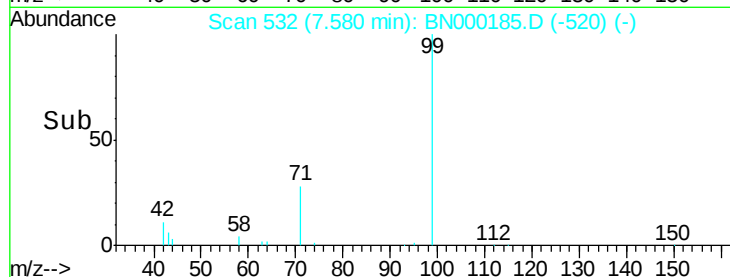
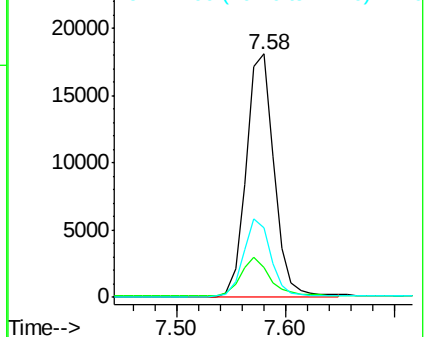
99 100

42 15.9 20.2 30.2#

71 31.4 28.4 42.6



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: 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

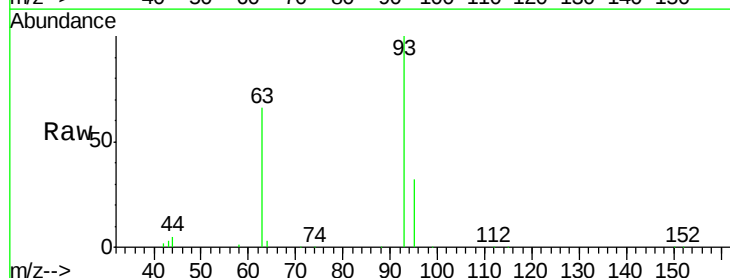
Tgt Ion: 93 Resp: 39518

Ion Ratio Lower Upper

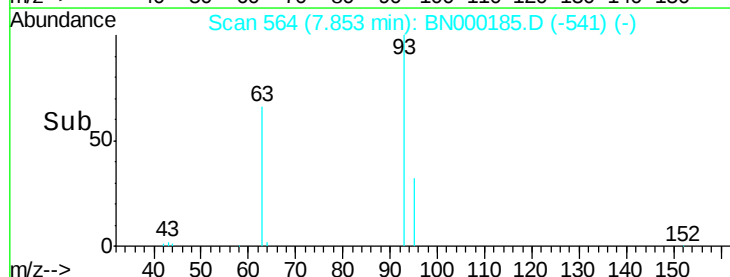
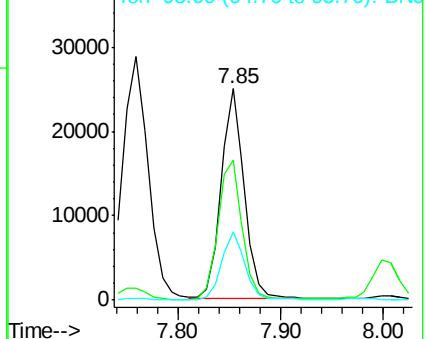
93 100

63 68.7 56.0 84.0

95 32.3 25.2 37.8



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: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:136 Resp: 25790

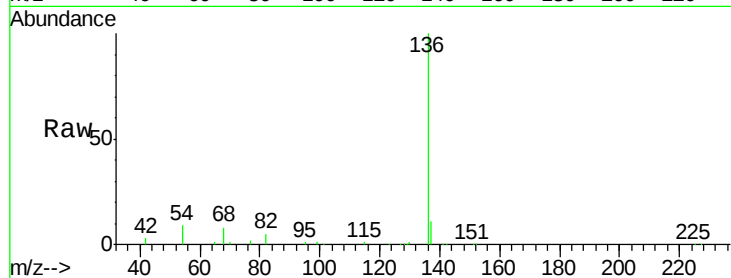
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 8.9 29.1 43.7#

68 8.0 6.2 9.2

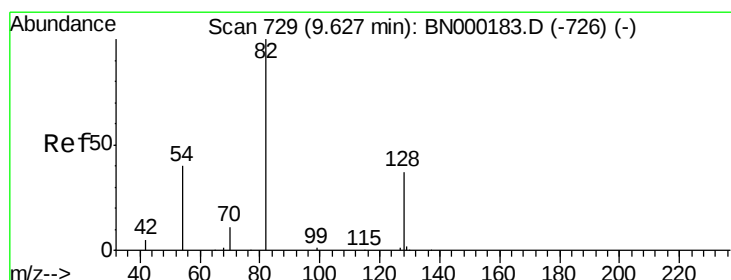
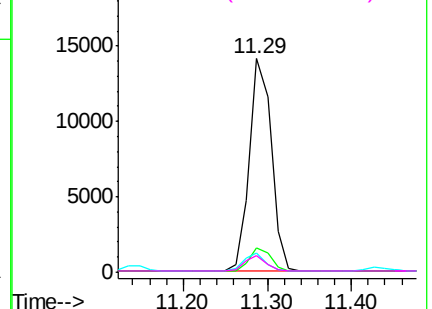
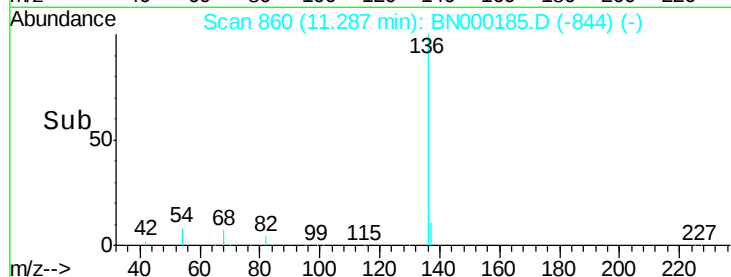


Abundance Ion 136.00 (135.70 to 136.70): E

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

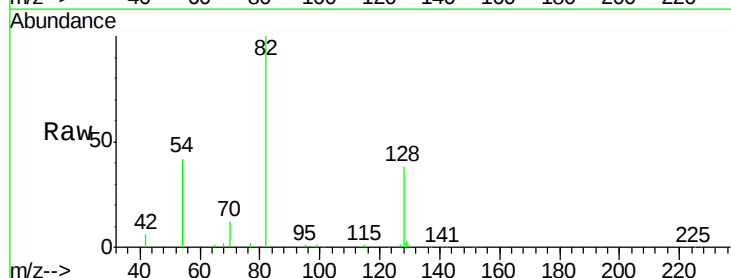
Tgt Ion: 82 Resp: 25805

Ion Ratio Lower Upper

82 100

128 38.1 150.0 225.0#

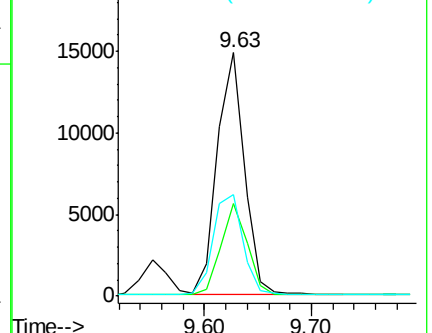
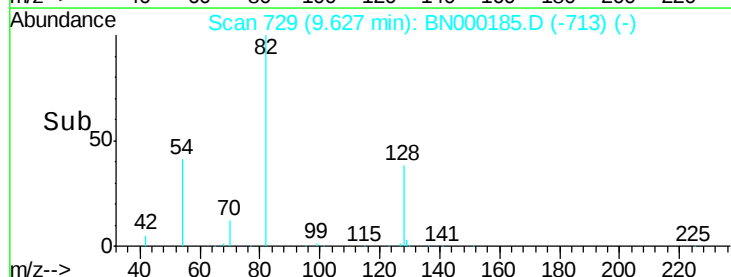
54 41.7 154.2 231.4#

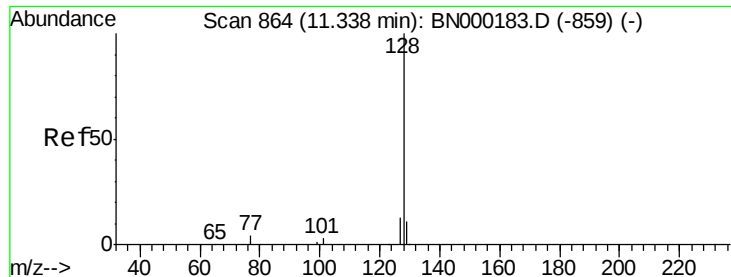


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

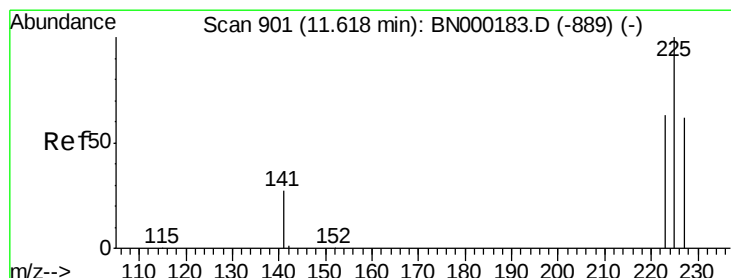
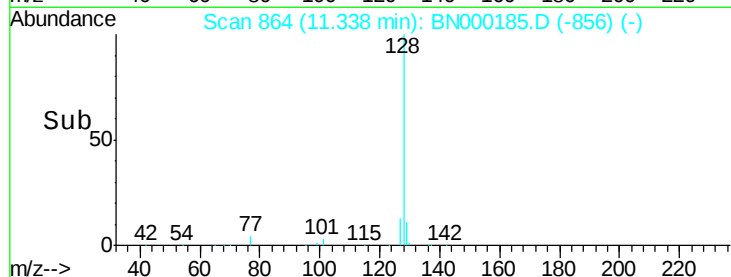
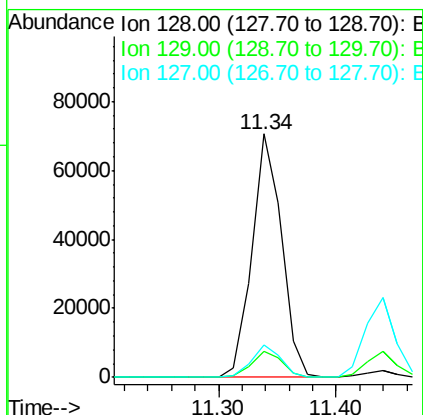
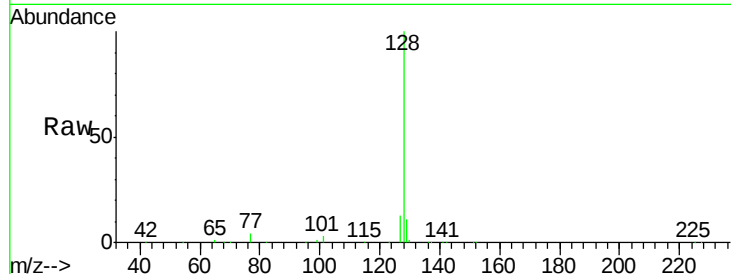




#9
Naphthalene
Concen: 1.644 ng
RT: 11.34 min Scan# 864
Delta R.T. -0.00 min
Lab File: BN000185.D
Acq: 27 Feb 2018 11:34

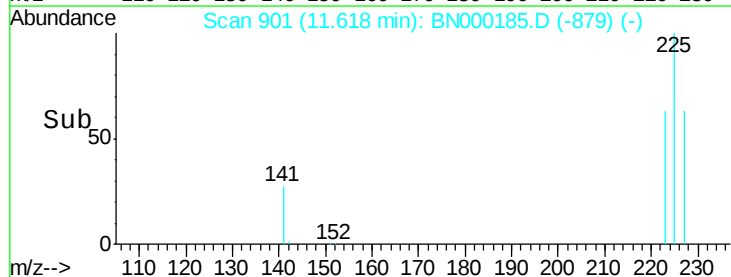
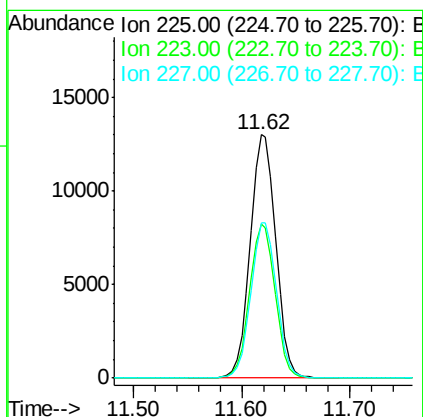
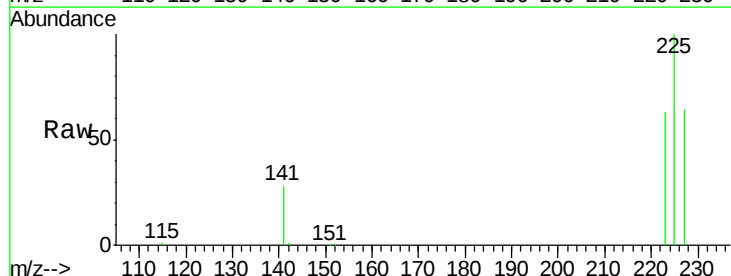
Instrument :
BNA_N
ClientSampleId :

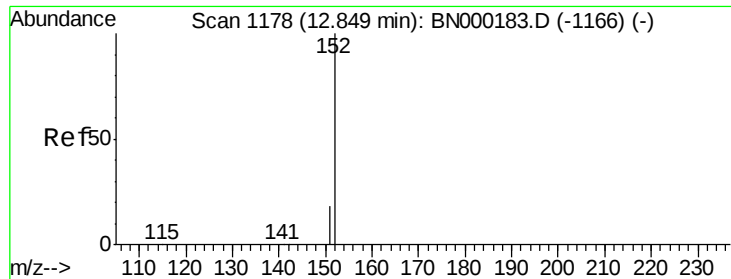
Tgt Ion:128 Resp: 123888
Ion Ratio Lower Upper
128 100
129 10.9 8.0 12.0
127 13.3 9.6 14.4



#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

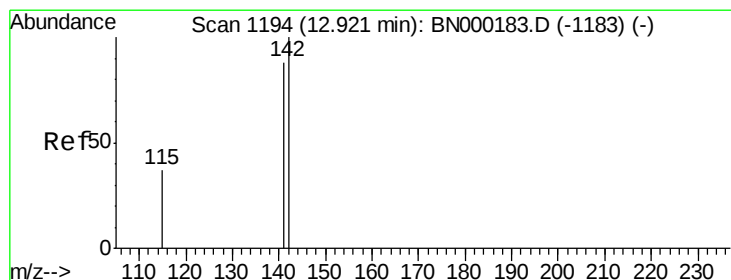
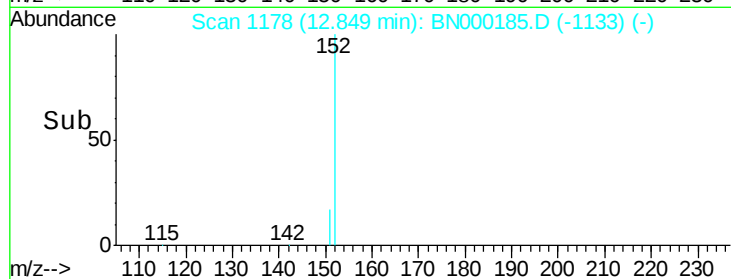
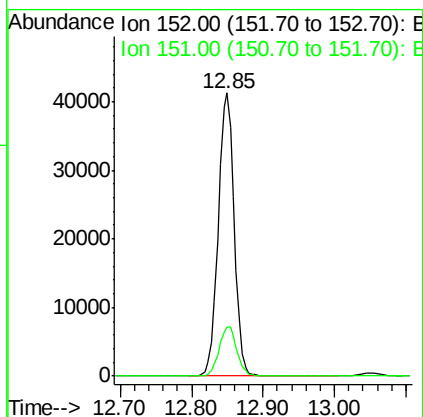
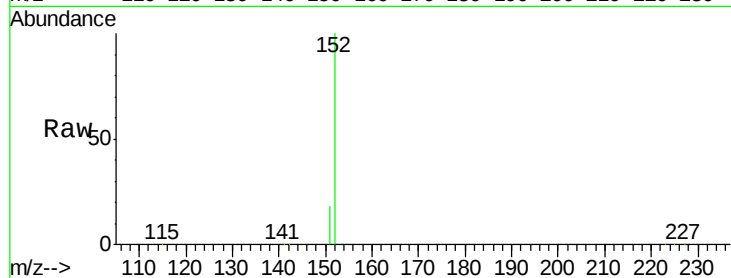




#11
 2-Methylnaphthalene-d10
 Concen: 1.655 ng
 RT: 12.85 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

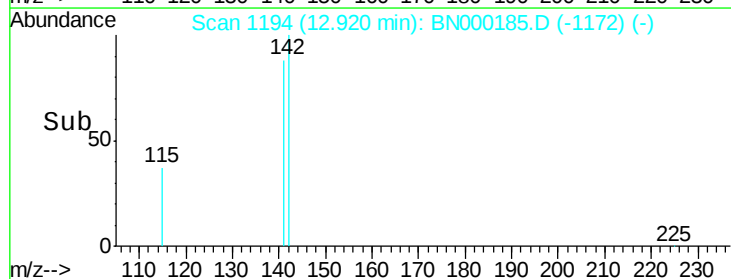
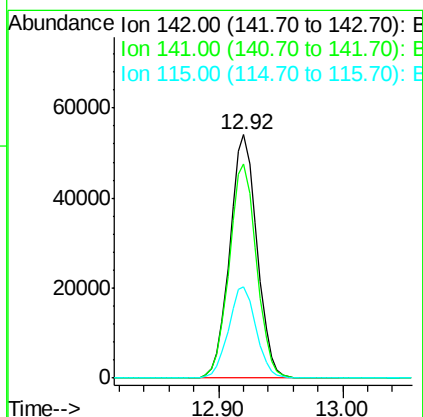
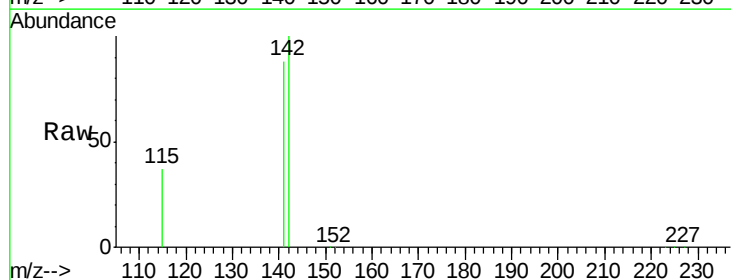
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:152 Resp: 64264
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#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

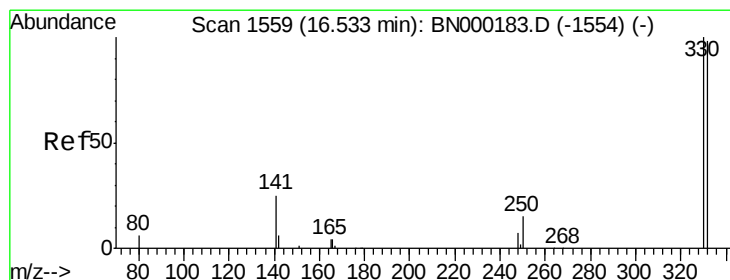
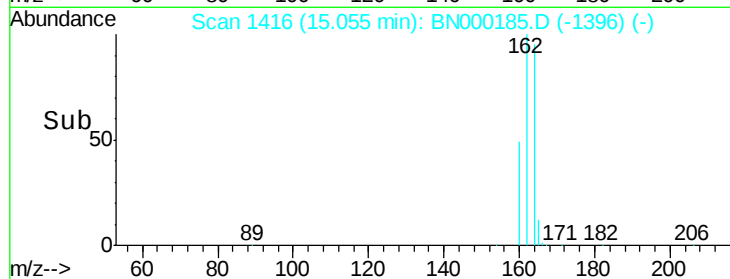
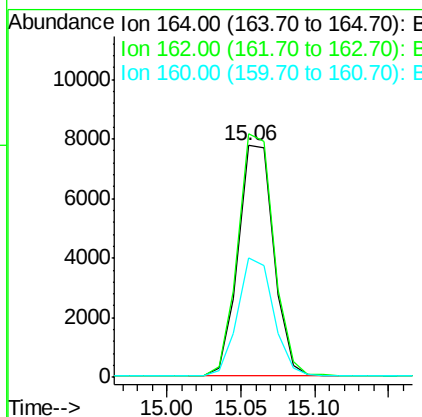
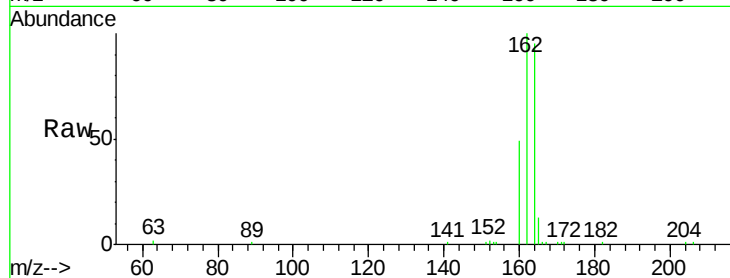




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

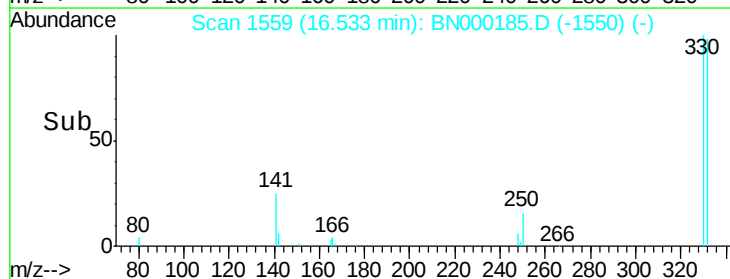
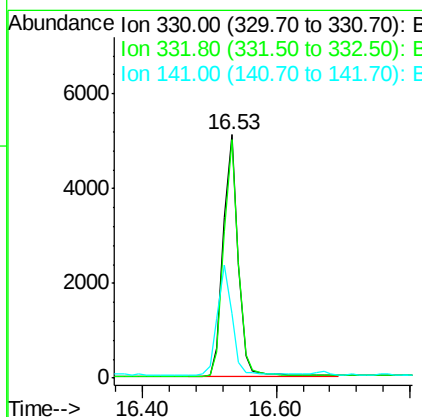
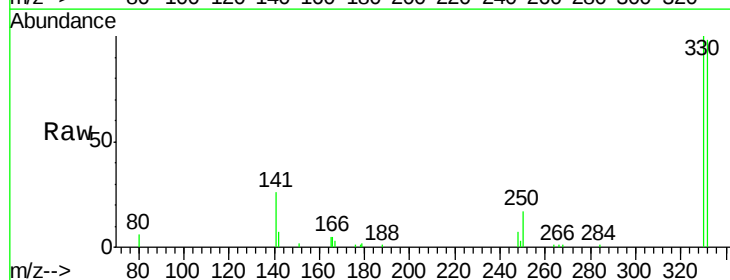
Instrument :
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 ClientSampleId :

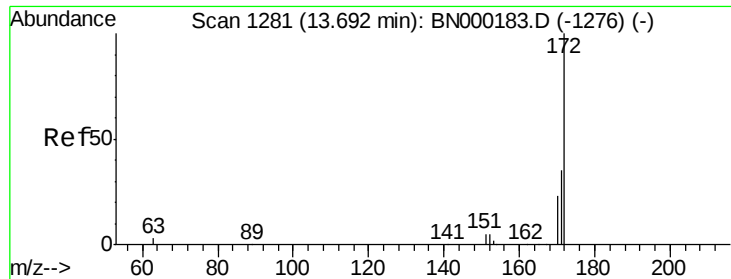
Tgt Ion:164 Resp: 12911
 Ion Ratio Lower Upper
 164 100
 162 105.1 83.1 124.7
 160 51.3 37.1 55.7



#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

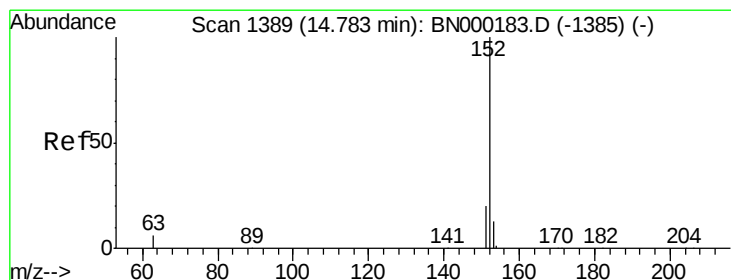
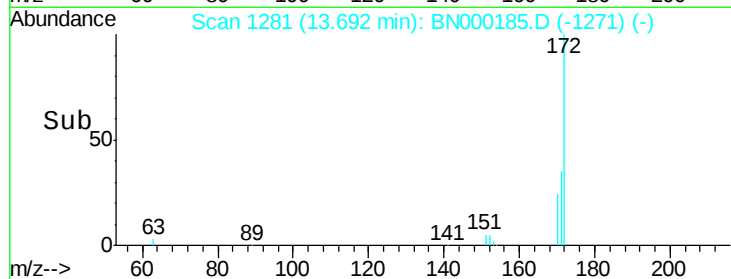
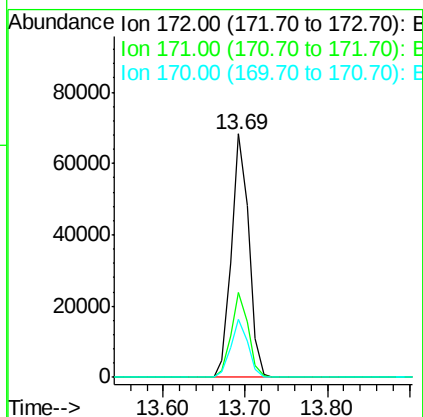
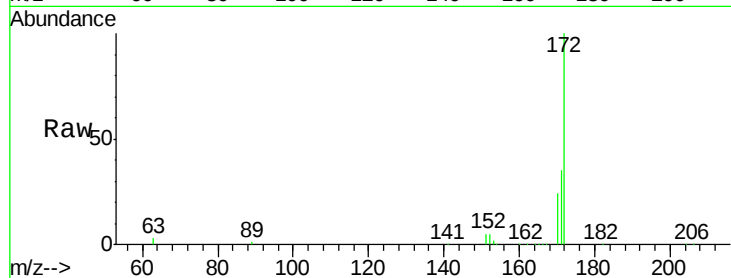




#15
 2-Fluorobiphenyl
 Concen: 1.643 ng
 RT: 13.69 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

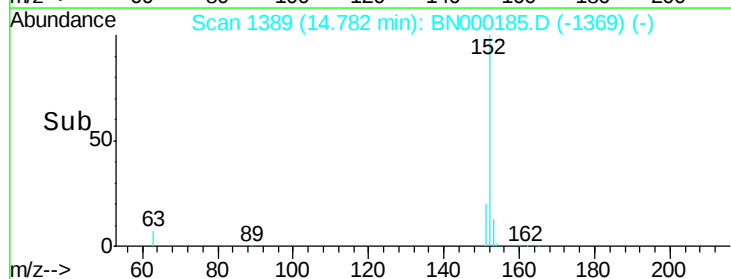
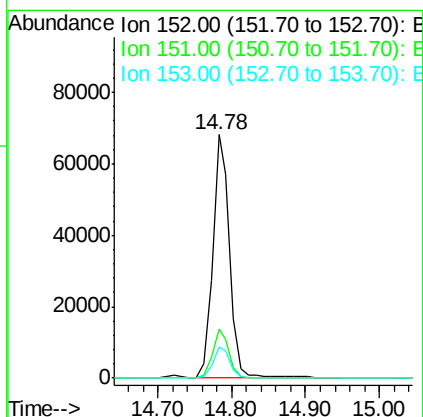
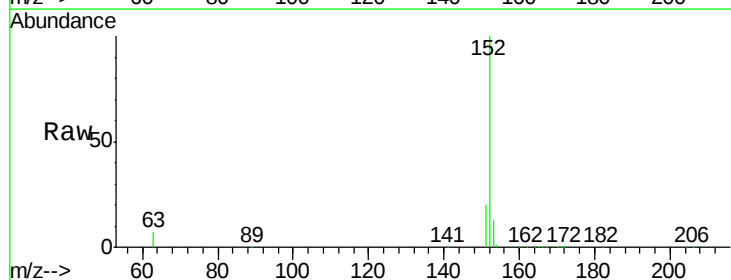
Instrument :
 BNA_N
 ClientSampleId :

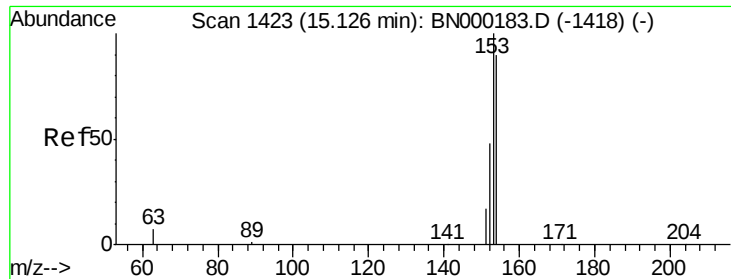
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	23.7	21.8	32.8



#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	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 :

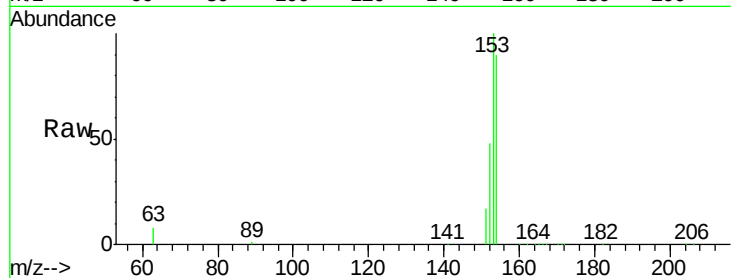
Tgt Ion:154 Resp: 81756

Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

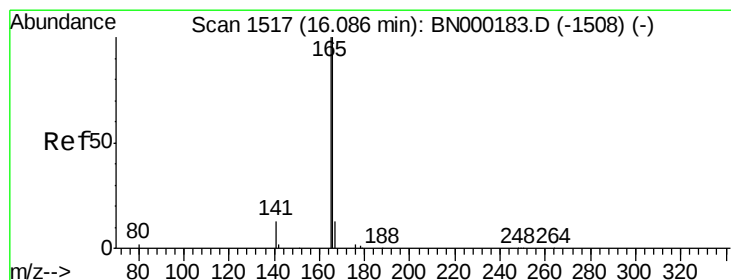
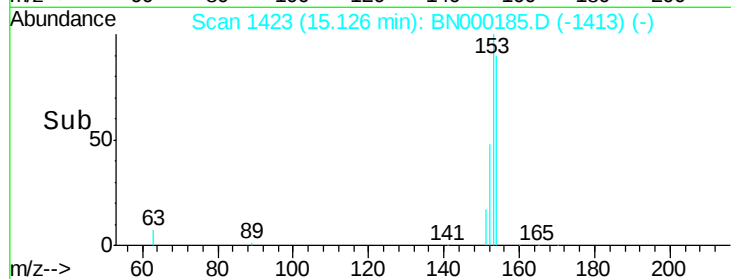
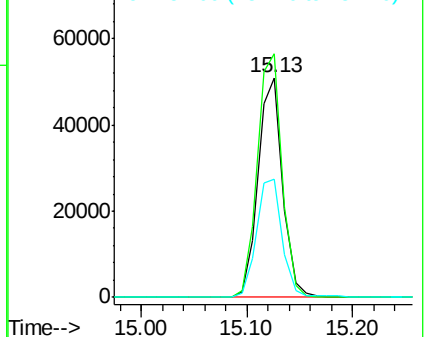
152 55.6 42.0 63.0



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: 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

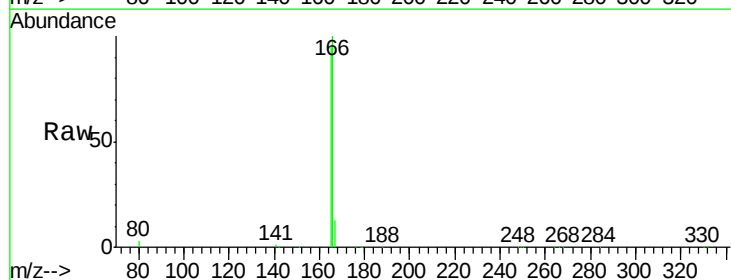
Tgt Ion:166 Resp: 101169

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

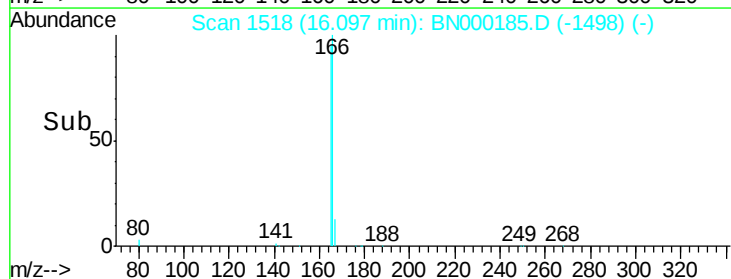
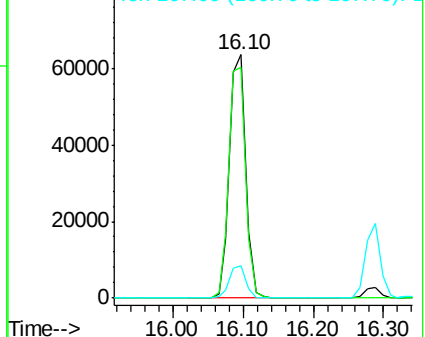
167 13.5 42.4 63.6#

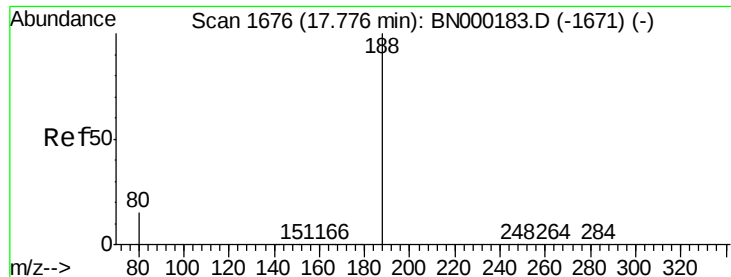


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1676

Delta R.T. -0.00 min

Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :

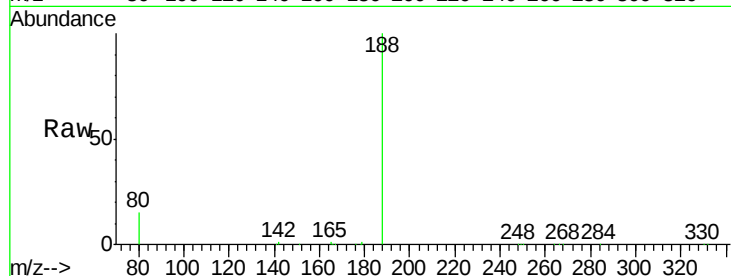
Tgt Ion:188 Resp: 27123

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

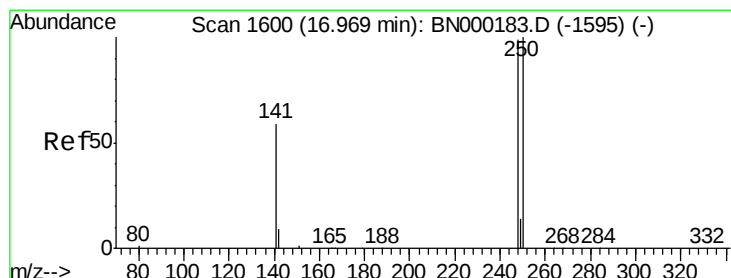
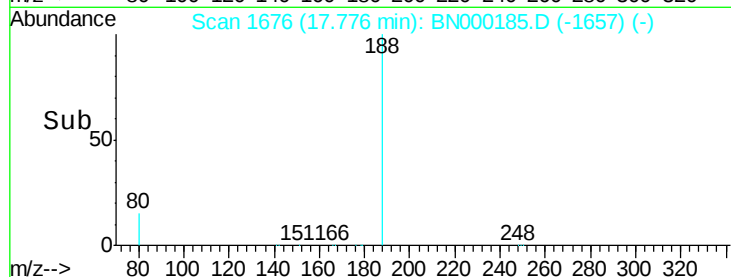
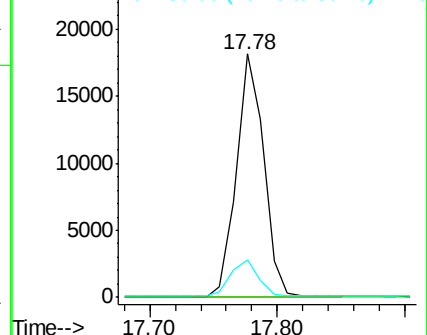
80 15.2 3.6 5.4#



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

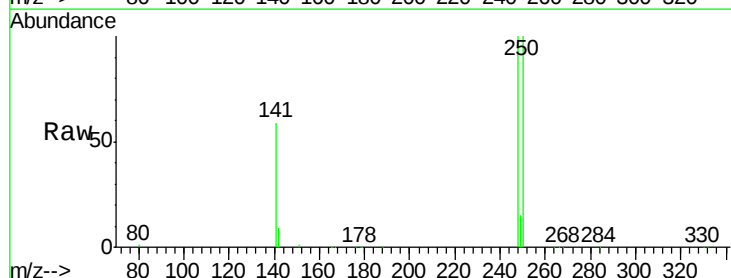
Tgt Ion:248 Resp: 27451

Ion Ratio Lower Upper

248 100

250 100.4 62.7 94.1#

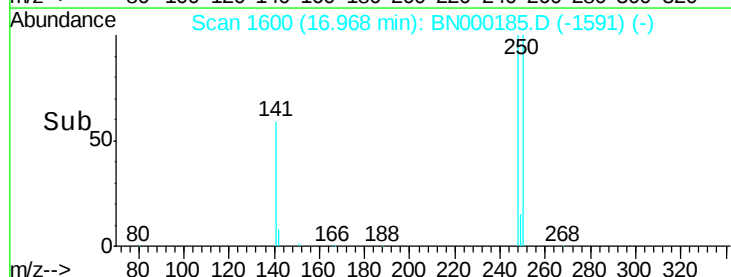
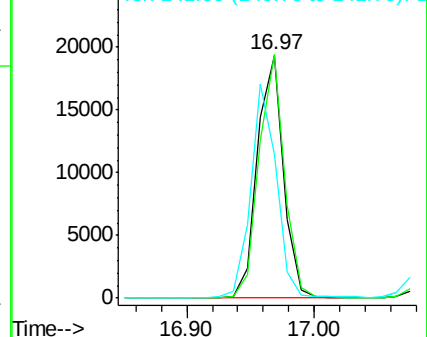
141 59.3 48.2 72.2

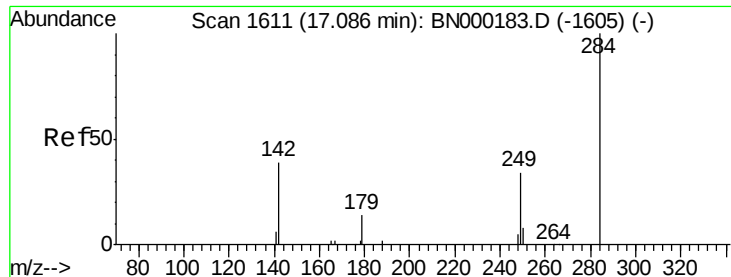


Abundance Ion 248.00 (247.70 to 248.70): E

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 :

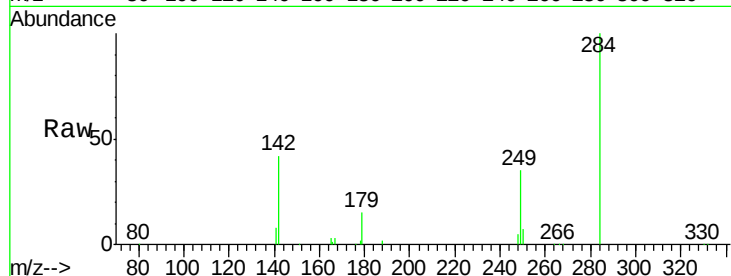
Tgt Ion:284 Resp: 35749

Ion Ratio Lower Upper

284 100

142 42.2 32.0 48.0

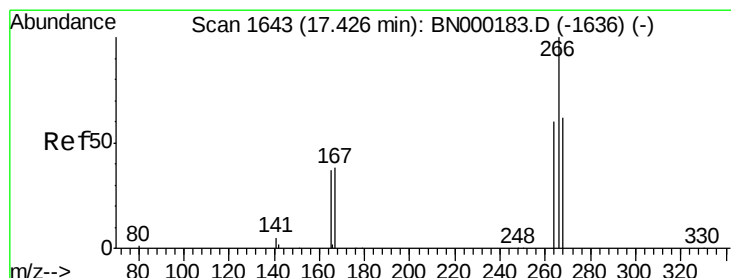
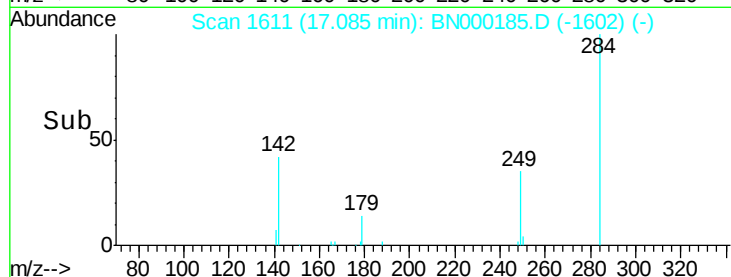
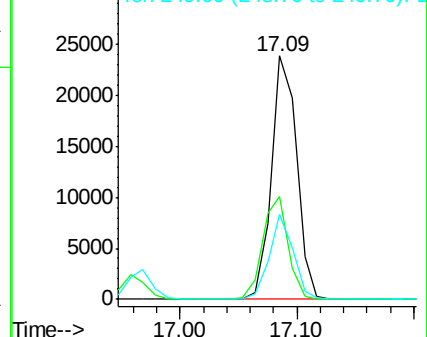
249 32.3 24.0 36.0



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: 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

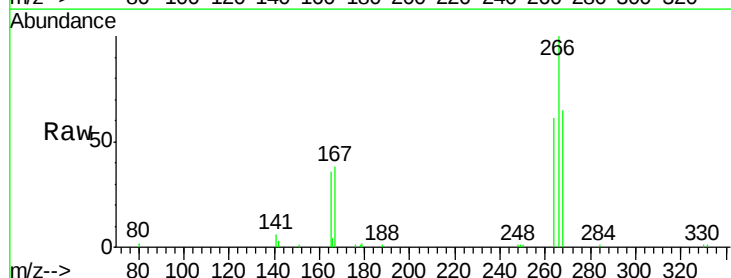
Tgt Ion:266 Resp: 9536

Ion Ratio Lower Upper

266 100

264 61.4 48.0 72.0

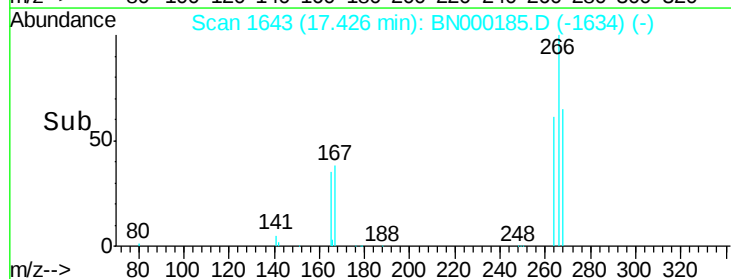
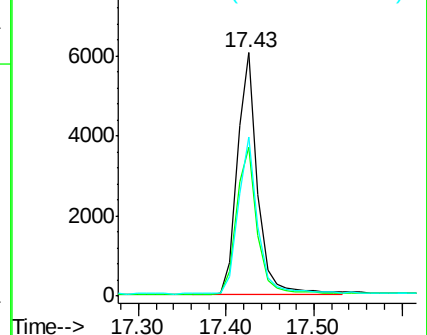
268 65.2 52.0 78.0

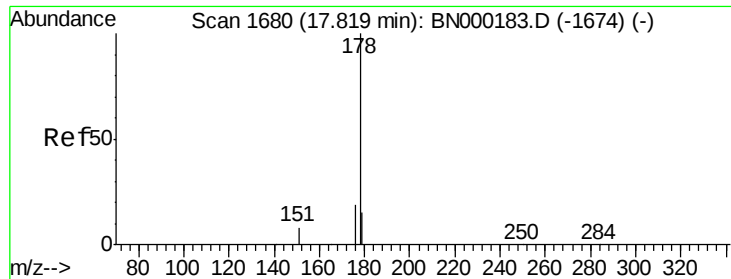


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

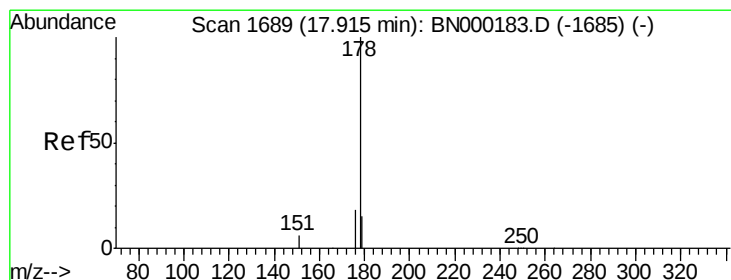
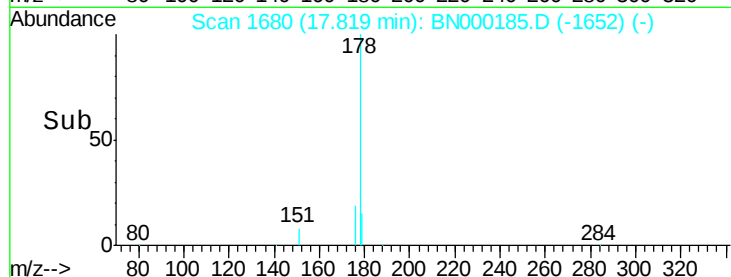
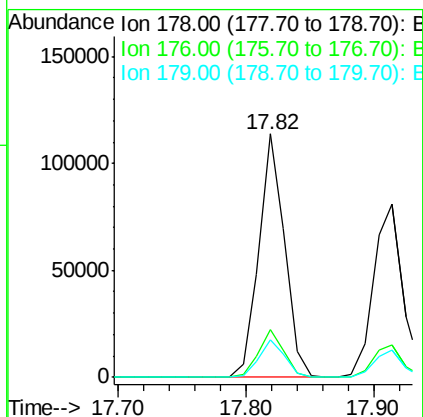
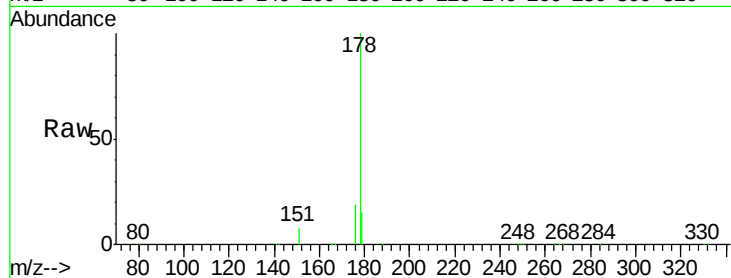




#23
Phenanthrene
Concen: 1.679 ng
RT: 17.82 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BN000185.D
Acq: 27 Feb 2018 11:34

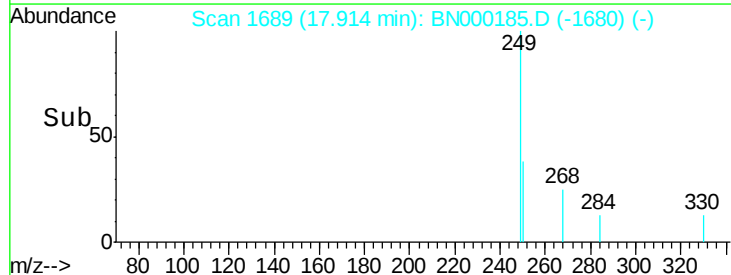
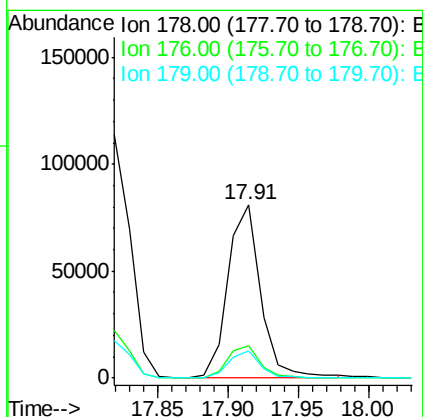
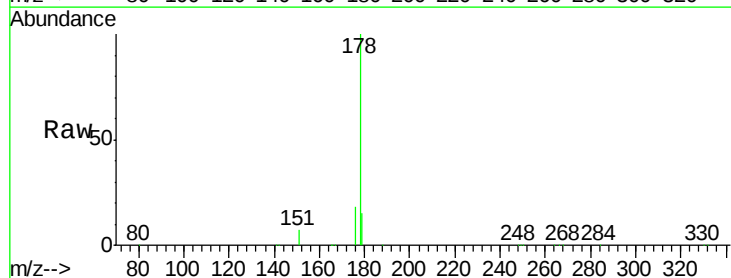
Instrument :
BNA_N
ClientSampleId :

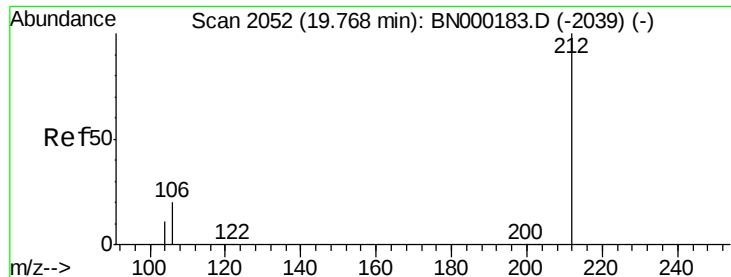
Tgt Ion:178 Resp: 160296
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.3 11.8 17.6



#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





#25

Fluoranthene-d10

Concen: 1.695 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000185.D

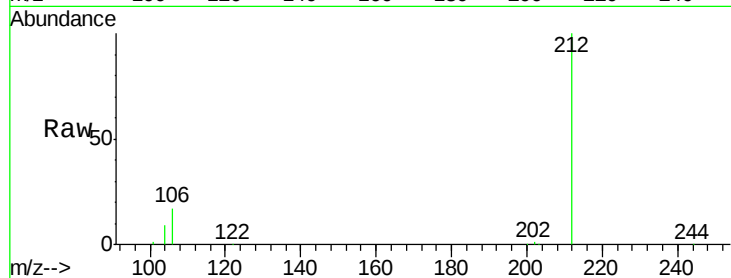
Acq: 27 Feb 2018 11:34

Instrument :

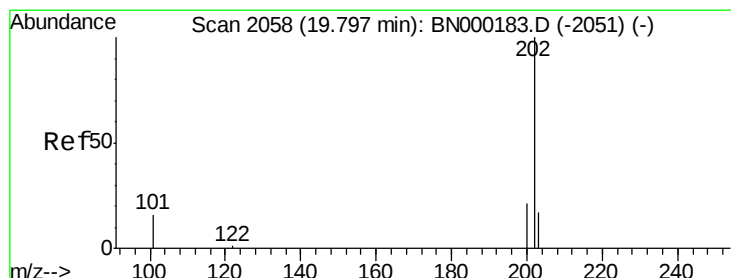
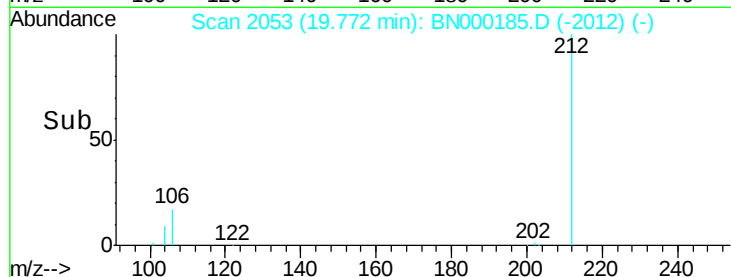
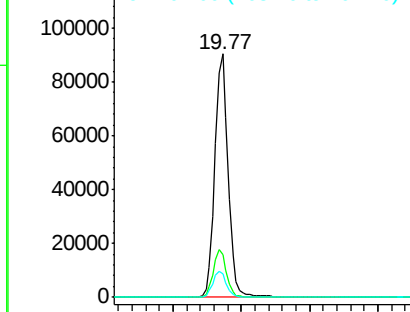
BNA_N

ClientSampleId :

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



#26

Fluoranthene

Concen: 1.771 ng

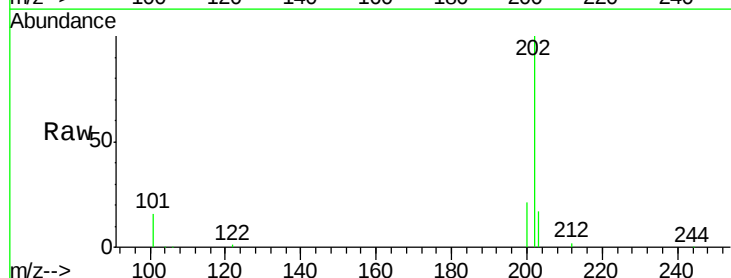
RT: 19.80 min Scan# 2058

Delta R.T. -0.00 min

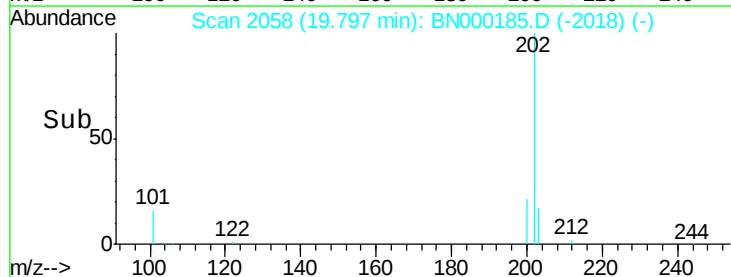
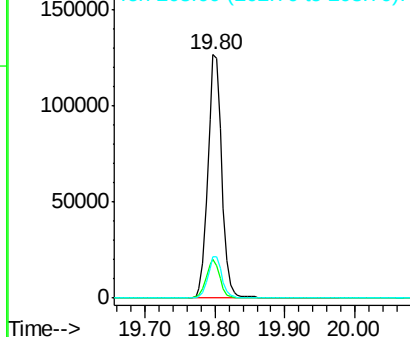
Lab File: BN000185.D

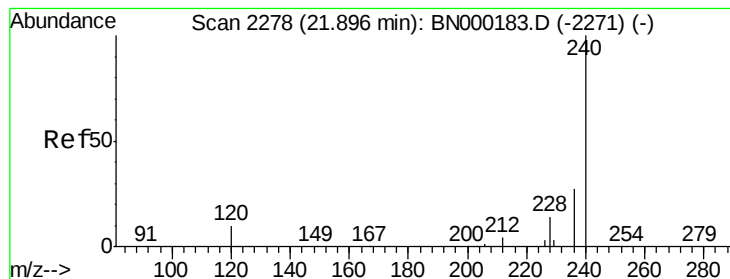
Acq: 27 Feb 2018 11:34

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





#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 :

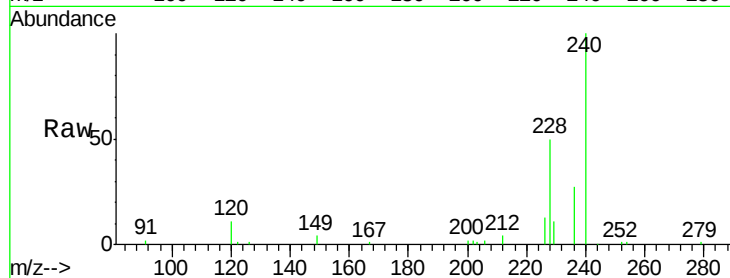
Tgt Ion:240 Resp: 26040

Ion Ratio Lower Upper

240 100

120 11.2 5.5 8.3#

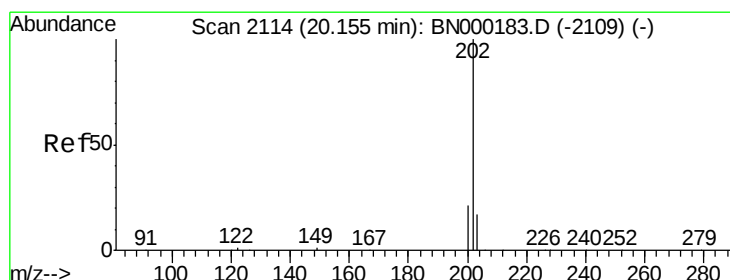
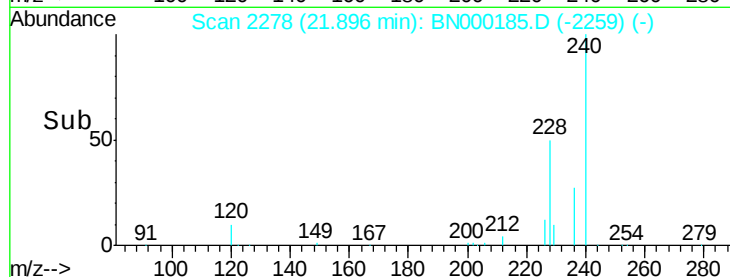
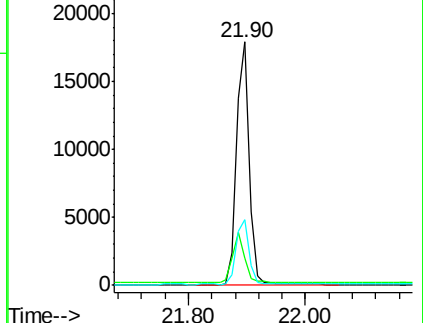
236 27.2 20.7 31.1



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: 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

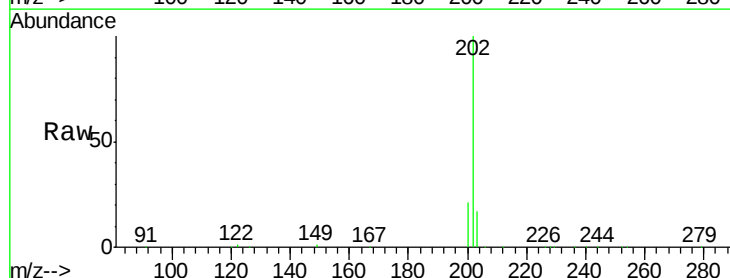
Tgt Ion:202 Resp: 172240

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

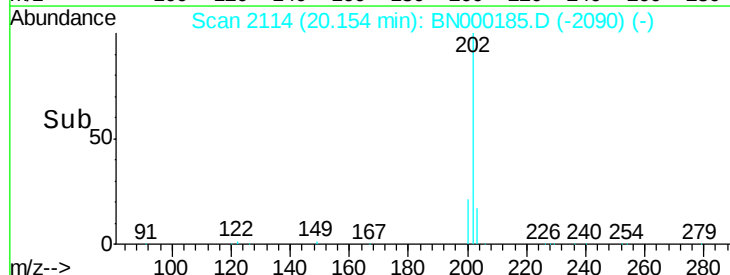
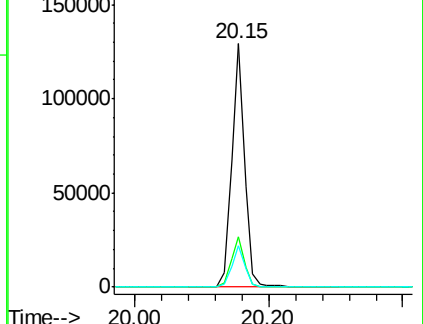
203 17.3 13.8 20.8



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: 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 :

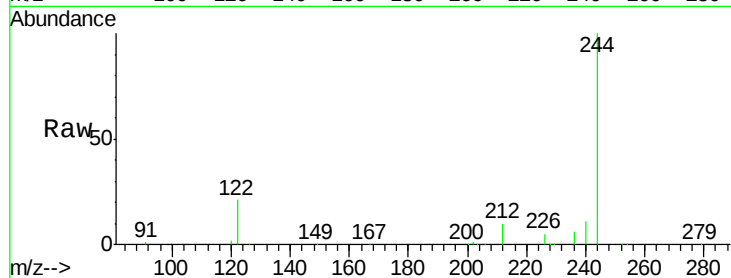
Tgt Ion:244 Resp: 76652

Ion Ratio Lower Upper

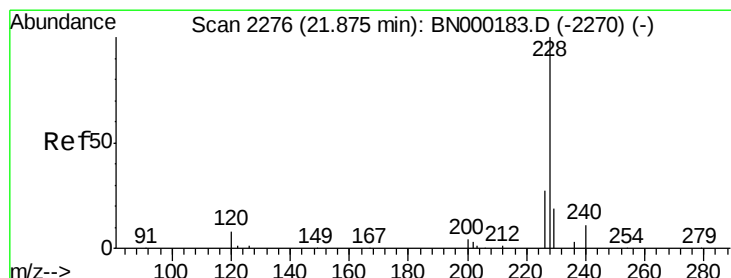
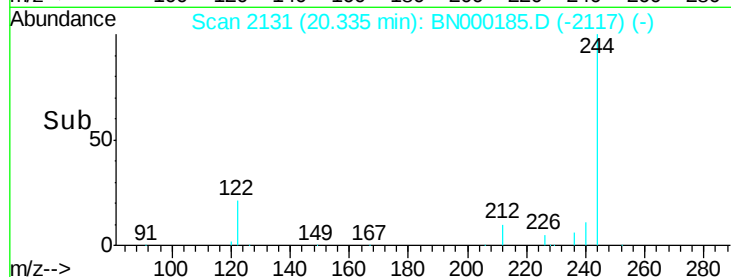
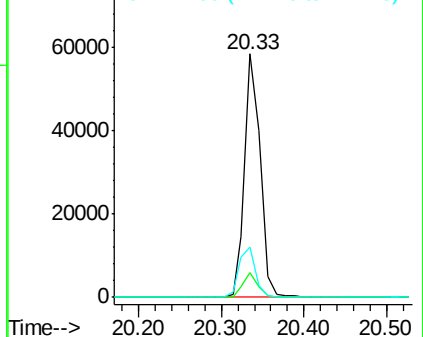
244 100

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

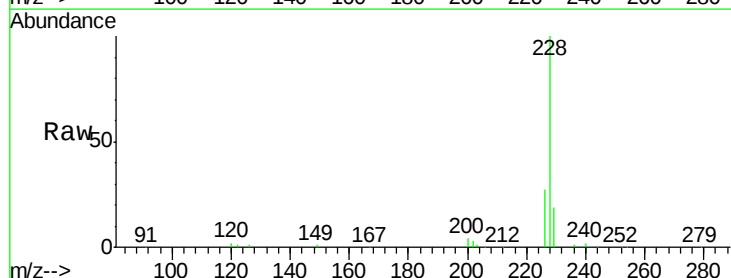
Tgt Ion:228 Resp: 140203

Ion Ratio Lower Upper

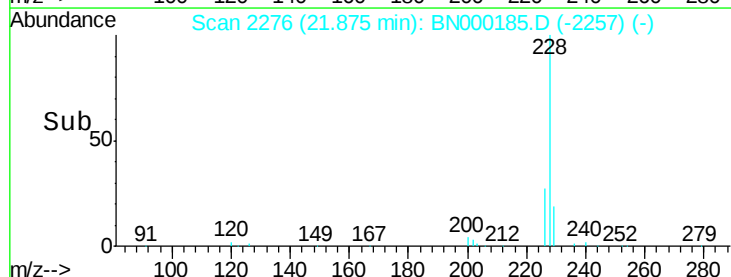
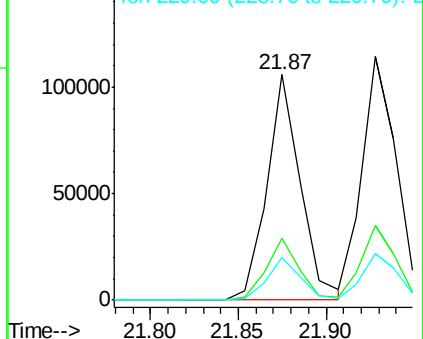
228 100

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

ClientSampled :

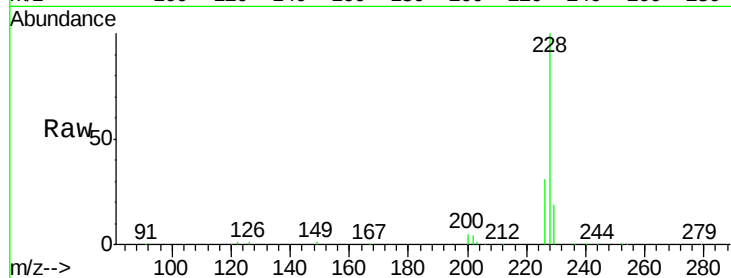
Tgt Ion: 228 Resp: 156512

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

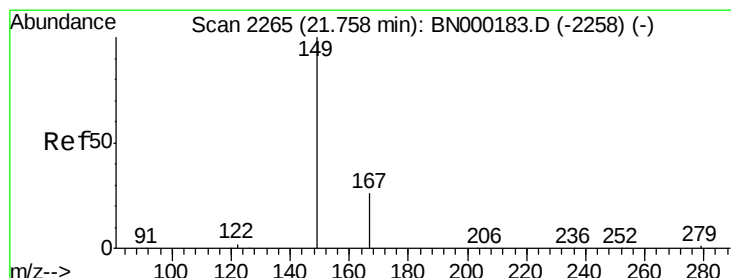
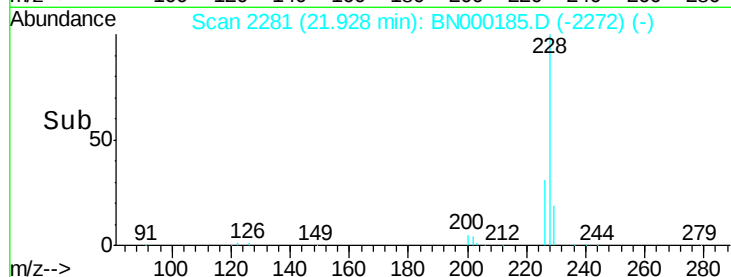
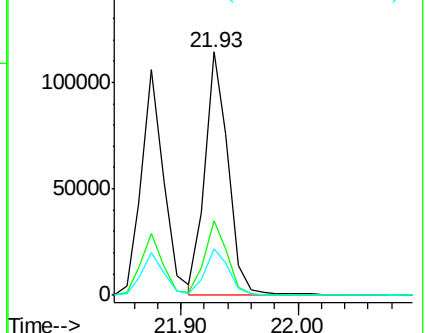
229 19.2 16.0 24.0



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

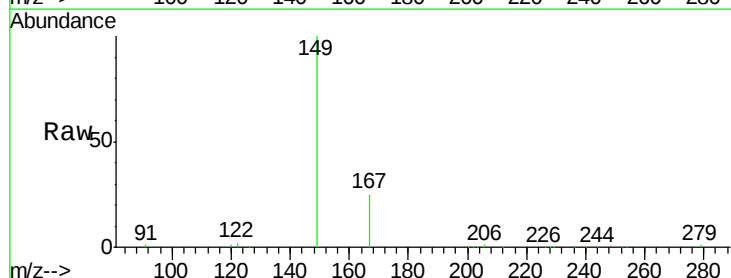
Tgt Ion: 149 Resp: 50189

Ion Ratio Lower Upper

149 100

167 26.2 20.0 30.0

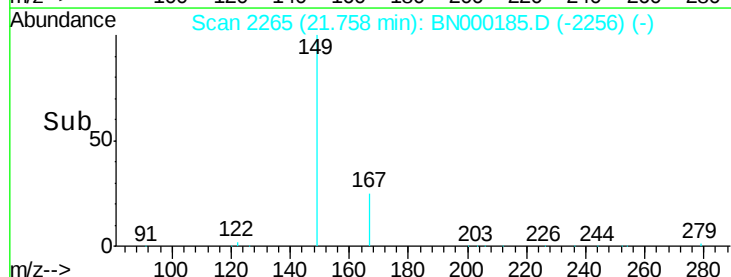
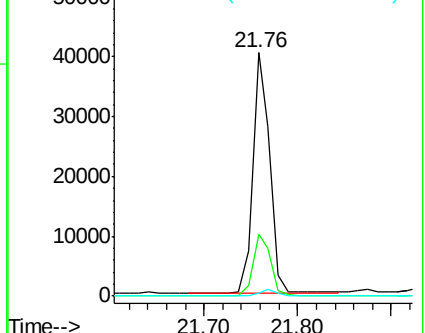
279 2.4 1.6 2.4#



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

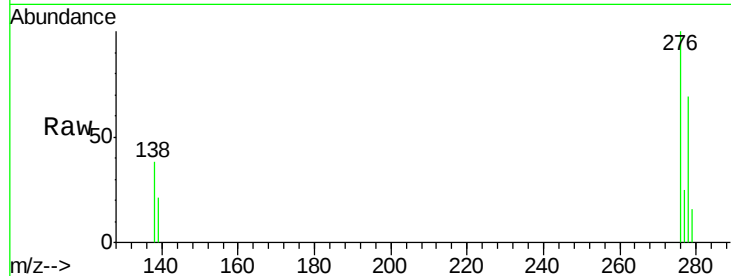




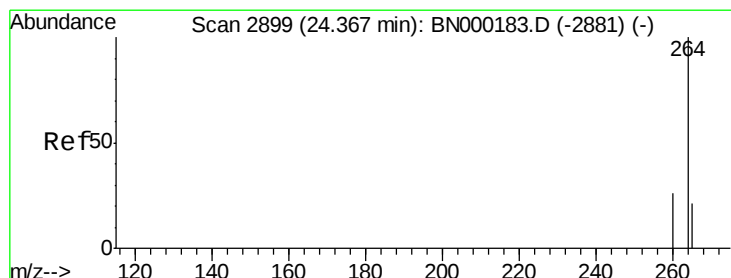
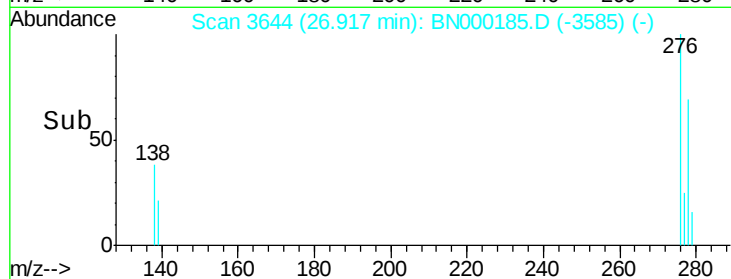
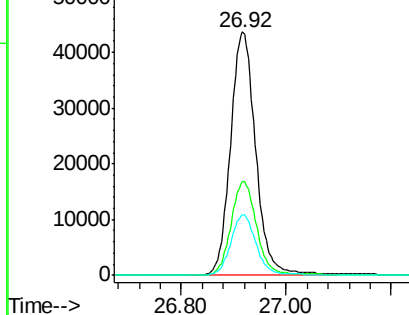
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.625 ng
 RT: 26.92 min Scan# 3644
 Delta R.T. 0.00 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

Instrument :
 BNA_N
 ClientSampleId :

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

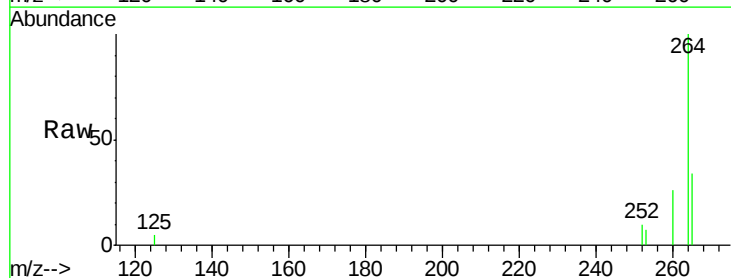


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

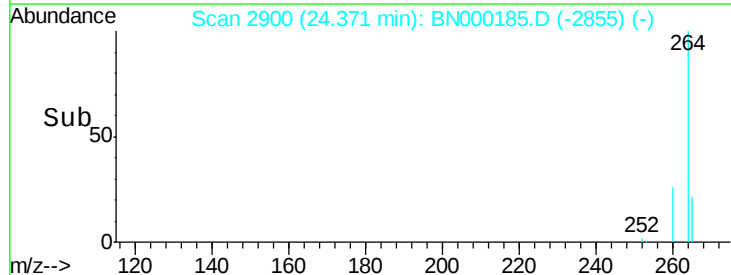
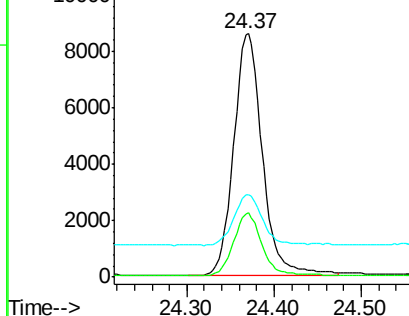


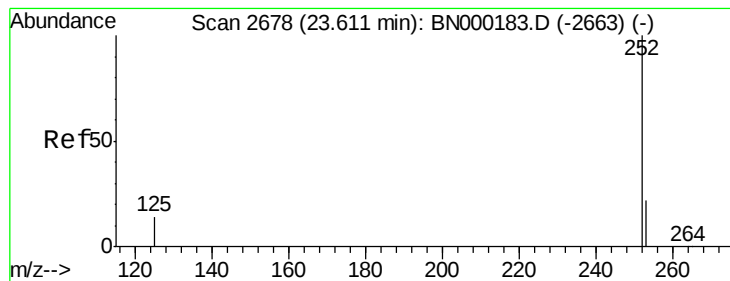
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.37 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BN000185.D
 Acq: 27 Feb 2018 11:34

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 :

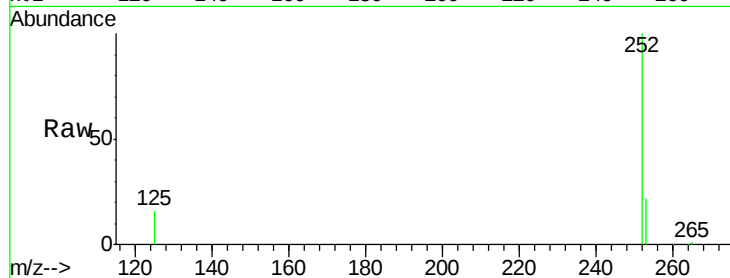
Tgt Ion:252 Resp: 152062

Ion Ratio Lower Upper

252 100

253 22.1 20.0 30.0

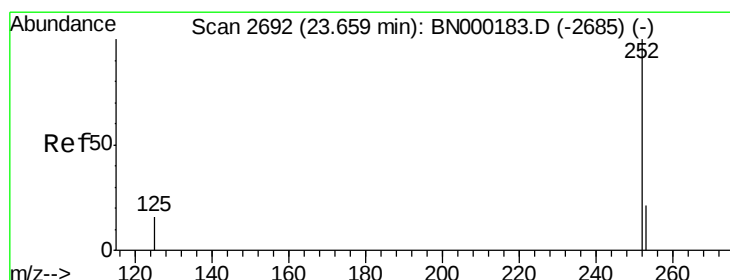
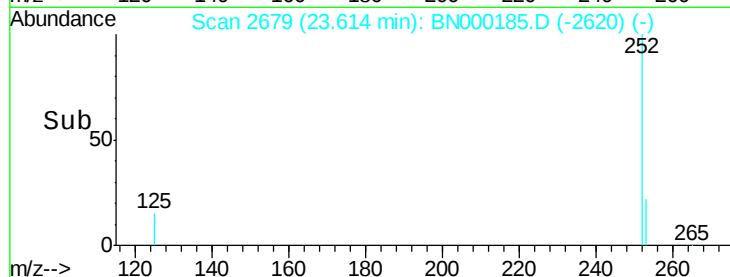
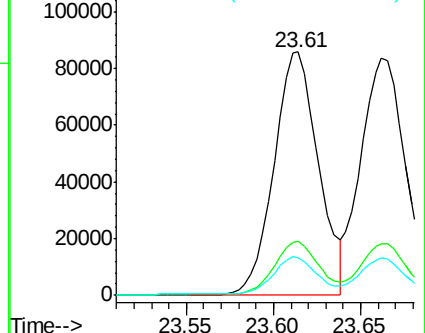
125 15.6 16.0 24.0#



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: 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

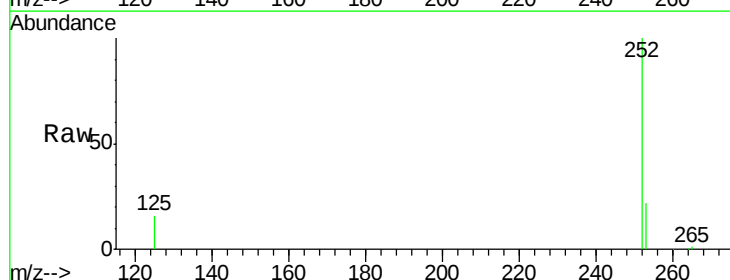
Tgt Ion:252 Resp: 153226

Ion Ratio Lower Upper

252 100

253 22.0 16.0 24.0

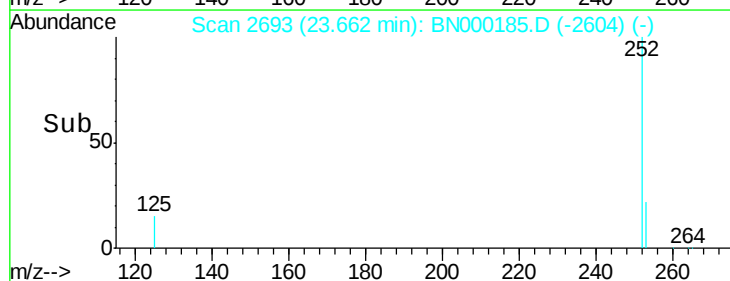
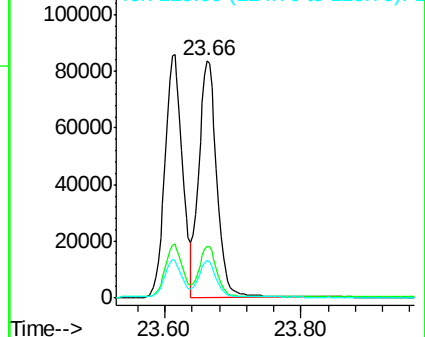
125 15.6 8.0 12.0#



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: 1.777 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

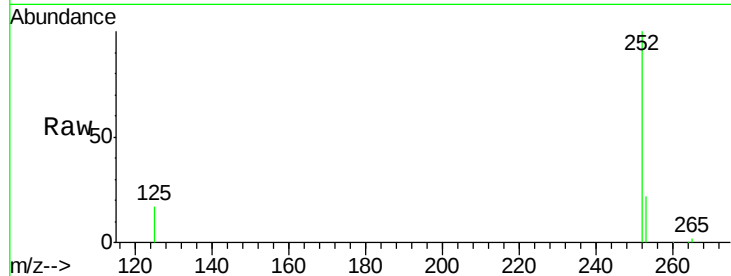
Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :



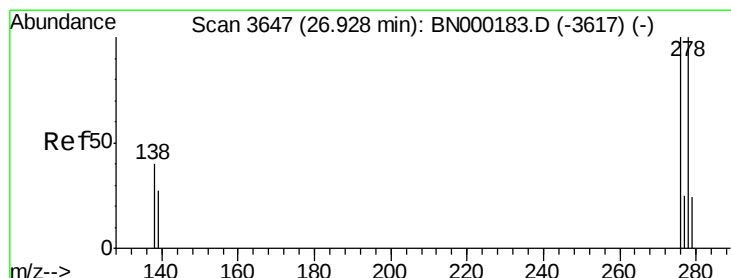
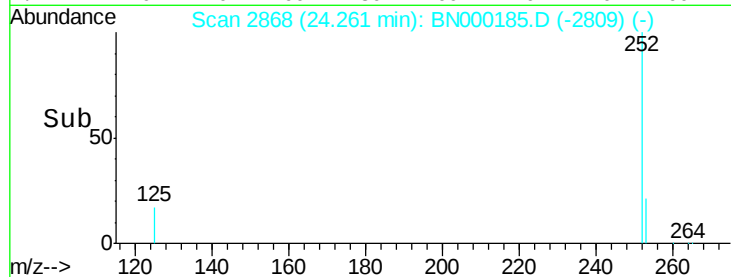
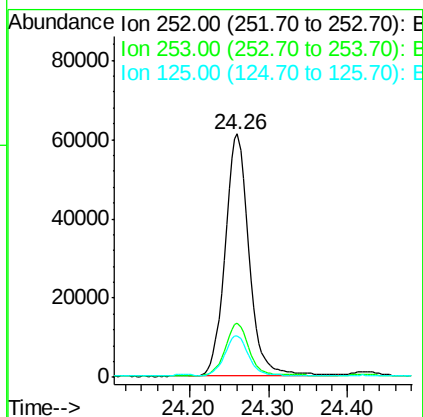
Tgt Ion:252 Resp: 128950

Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

125 17.2 12.0 18.0



#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

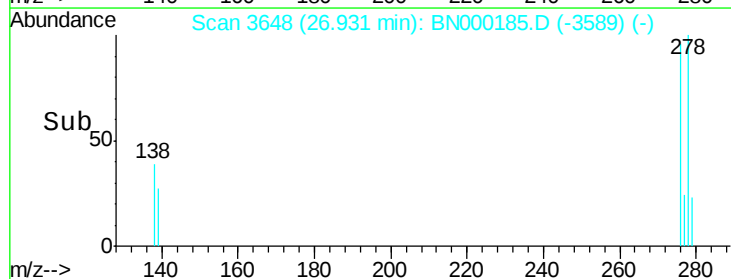
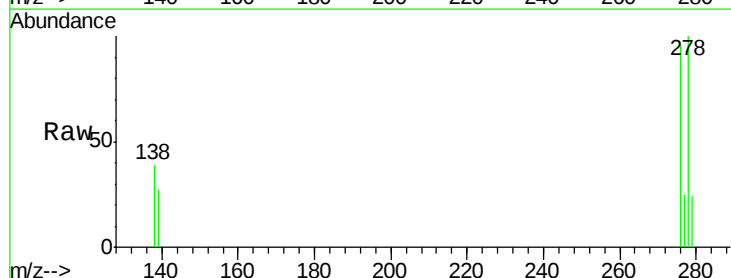
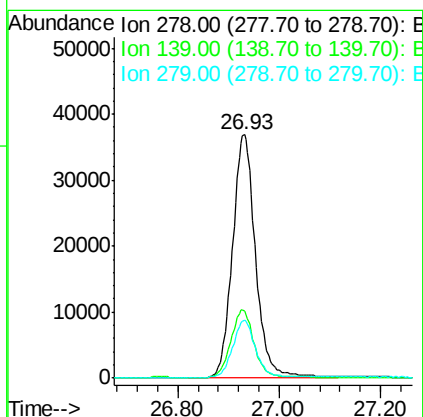
Tgt Ion:278 Resp: 116575

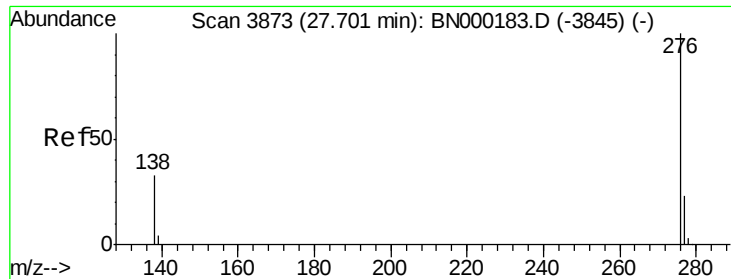
Ion Ratio Lower Upper

278 100

139 27.3 16.0 24.0#

279 23.8 20.0 30.0





#39

Benzo(g,h,i)perylene

Concen: 1.658 ng

RT: 27.70 min Scan# 3873

Delta R.T. -0.00 min

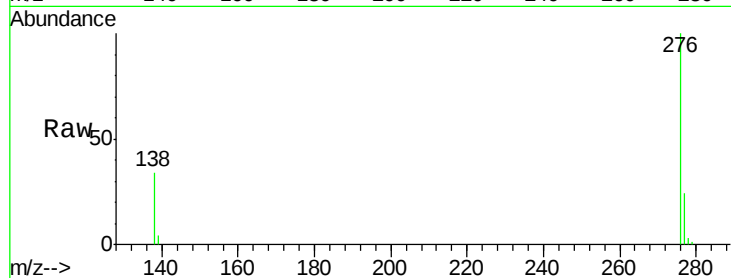
Lab File: BN000185.D

Acq: 27 Feb 2018 11:34

Instrument :

BNA_N

ClientSampleId :



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#

