

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000181.D
 Acq On : 27 Feb 2018 09:16
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Feb 27 13:54:17 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 13:46:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6042	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	22293	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	11048	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	25445	0.40	ng	0.00
27) Chrysene-d12	21.90	240	20732	0.40	ng	0.00
34) Perylene-d12	24.37	264	16932	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	1299	0.10	ng	0.00
5) Phenol-d6	7.58	99	1584	0.10	ng	0.00
8) Nitrobenzene-d5	9.63	82	1293	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	3308	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	308	0.08	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	5227	0.10	ng	0.00
25) Fluoranthene-d10	19.77	212	6489	0.10	ng	0.00
29) Terphenyl-d14	20.33	244	3732	0.10	ng	0.00

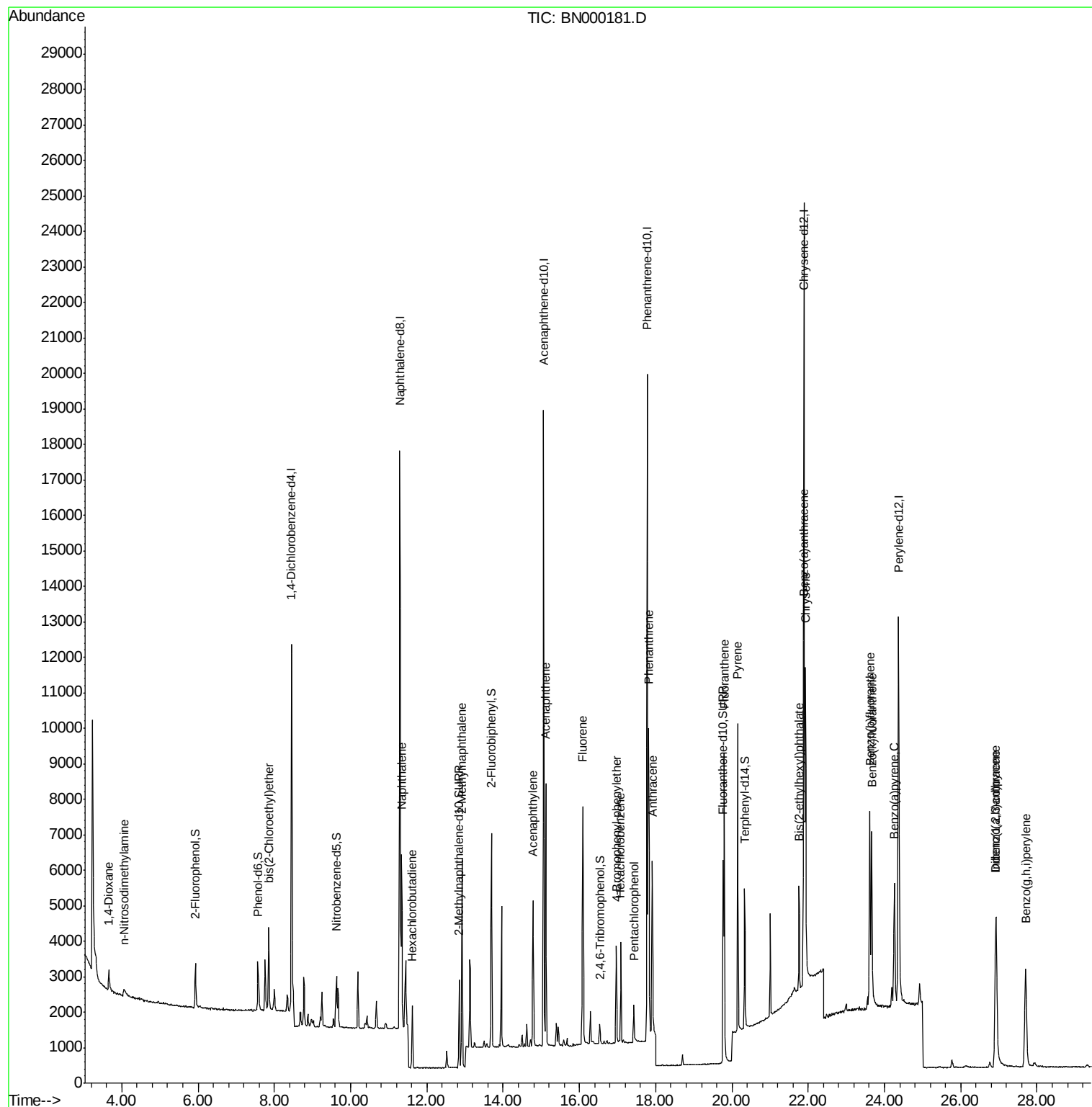
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	608	0.086	ng	94
3) n-Nitrosodimethylamine	4.05	42	203	0.044	ng	# 81
6) bis(2-Chloroethyl)ether	7.85	93	2029	0.099	ng	97
9) Naphthalene	11.34	128	6519	0.100	ng	95
10) Hexachlorobutadiene	11.62	225	1115	0.101	ng	97
12) 2-Methylnaphthalene	12.92	142	4113	0.096	ng	99
16) Acenaphthylene	14.78	152	4694	0.090	ng	100
17) Acenaphthene	15.13	154	3932	0.096	ng	95
18) Fluorene	16.09	166	4902	0.096	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	1351	0.092	ng	# 81
21) Hexachlorobenzene	17.09	284	1946	0.099	ng	95
22) Pentachlorophenol	17.43	266	633	0.121	ng	92
23) Phenanthrene	17.82	178	8712	0.097	ng	96
24) Anthracene	17.91	178	6791	0.097	ng	# 82
26) Fluoranthene	19.80	202	8145	0.088	ng	# 96
28) Pyrene	20.15	202	8595	0.106	ng	98
30) Benzo(a)anthracene	21.87	228	6347	0.097	ng	98
31) Chrysene	21.93	228	7653	0.100	ng	99
32) Bis(2-ethylhexyl)phthalate	21.76	149	2967	0.122	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.91	276	6104	0.086	ng	# 90
35) Benzo(b)fluoranthene	23.61	252	7538	0.098	ng	94
36) Benzo(k)fluoranthene	23.66	252	6783	0.090	ng	# 72
37) Benzo(a)pyrene	24.26	252	5709	0.091	ng	# 69
38) Dibenzo(a,h)anthracene	26.93	278	4354	0.078	ng	# 78
39) Benzo(g,h,i)perylene	27.70	276	6108	0.092	ng	# 81

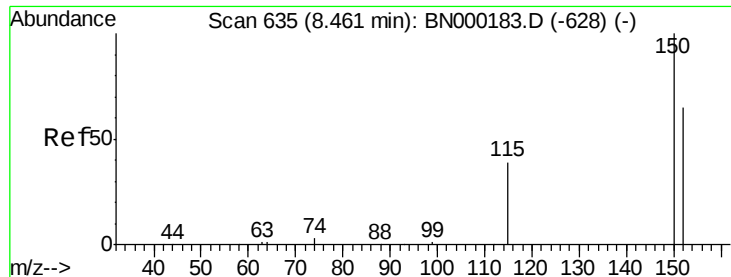
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
Data File : BN000181.D
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Sample : SSTDICC0.1
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Instrument :
BNA_N
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Quant Time: Feb 27 13:54:17 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 13:46:32 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 635

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

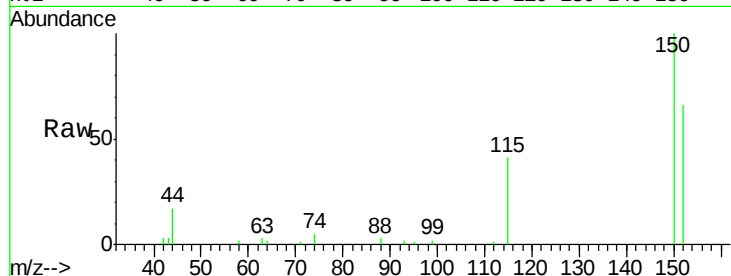
Tgt Ion:152 Resp: 6042

Ion Ratio Lower Upper

152 100

150 152.0 117.2 175.8

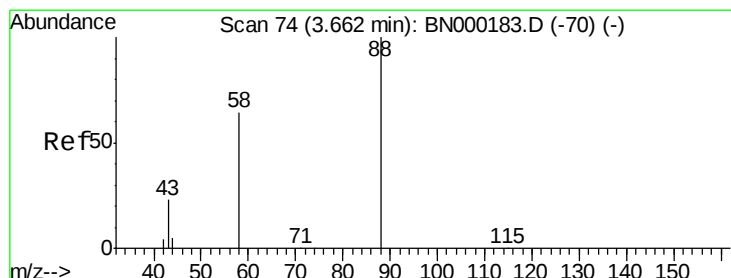
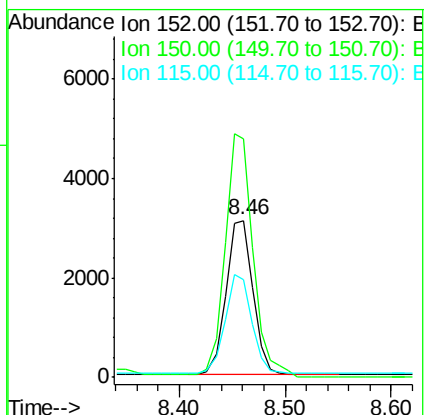
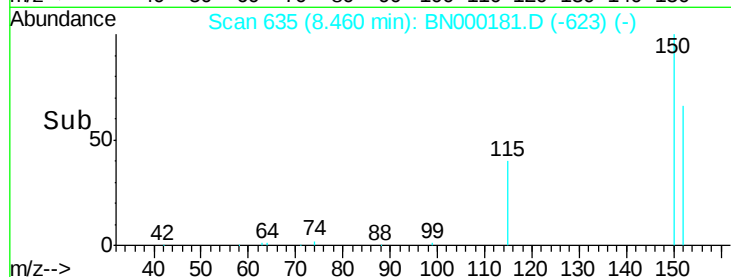
115 62.1 57.0 85.6



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: 0.086 ng

RT: 3.66 min Scan# 74

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

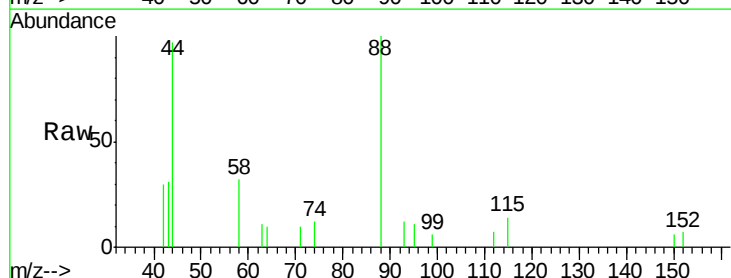
Tgt Ion: 88 Resp: 608

Ion Ratio Lower Upper

88 100

58 65.1 48.0 72.0

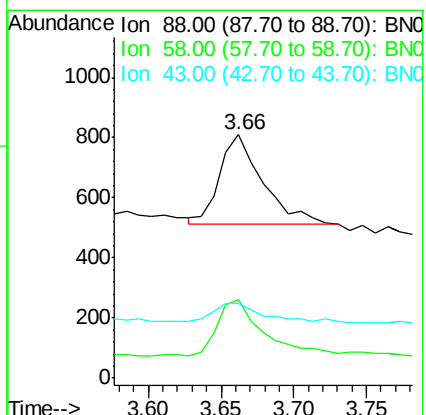
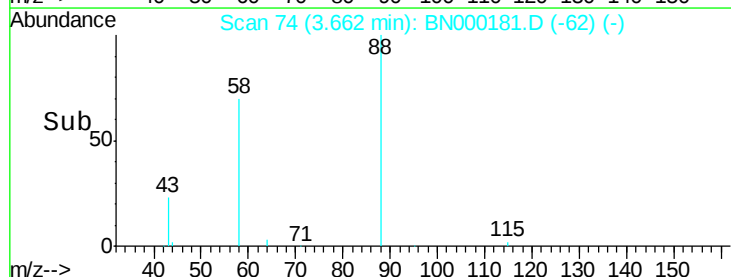
43 23.5 20.0 30.0

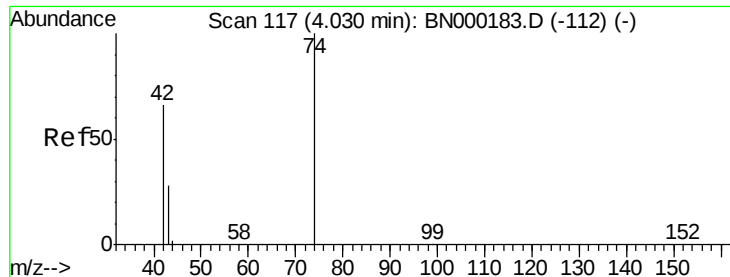


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



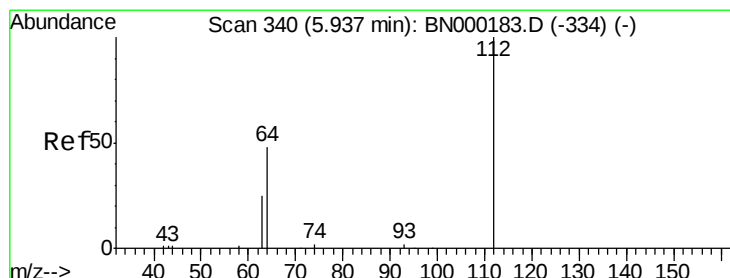
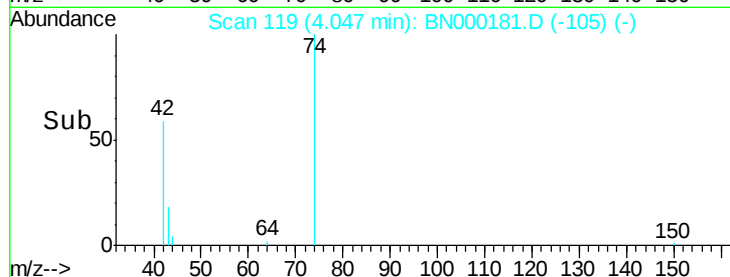
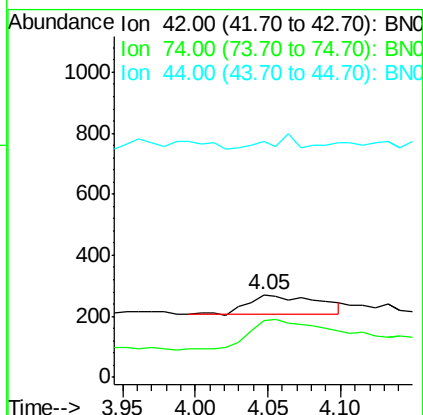
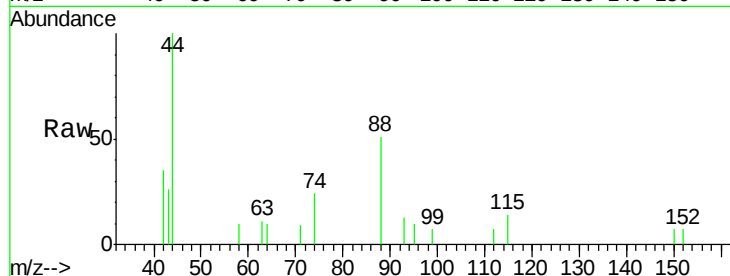


#3

n-Nitrosodimethylamine
 Concen: 0.044 ng
 RT: 4.05 min Scan# 119
 Delta R.T. 0.02 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

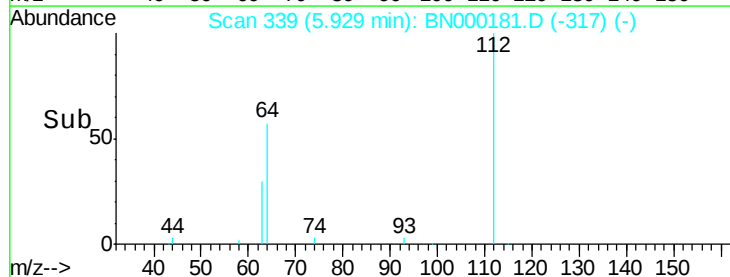
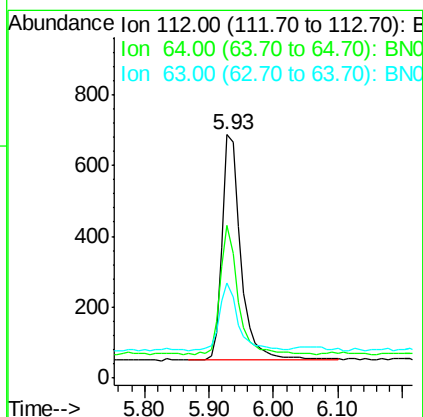
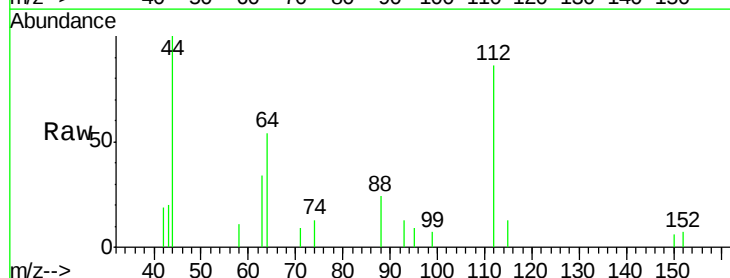
Tgt Ion: 42 Resp: 203
 Ion Ratio Lower Upper
 42 100
 74 171.4 120.0 180.0
 44 35.5 4.0 6.0#

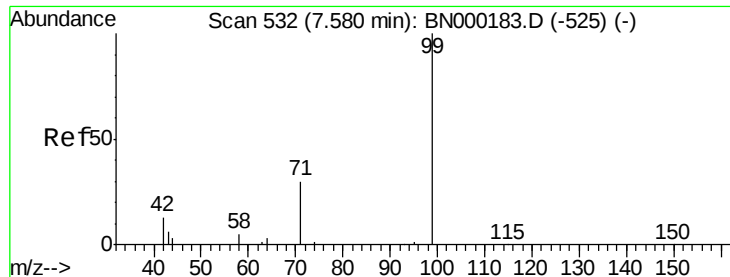


#4

2-Fluorophenol
 Concen: 0.102 ng
 RT: 5.93 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

Tgt Ion: 112 Resp: 1299
 Ion Ratio Lower Upper
 112 100
 64 54.6 60.1 90.1#
 63 29.3 116.8 175.2#





#5

Phenol-d6

Concen: 0.098 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

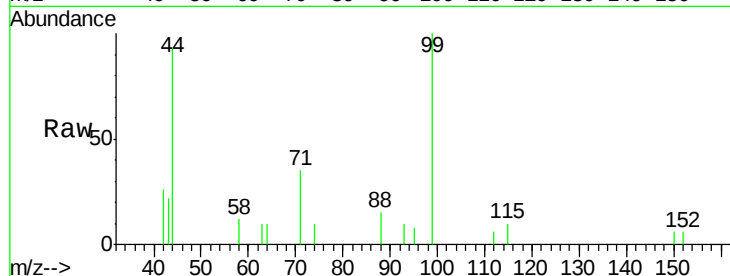
Tgt Ion: 99 Resp: 1584

Ion Ratio Lower Upper

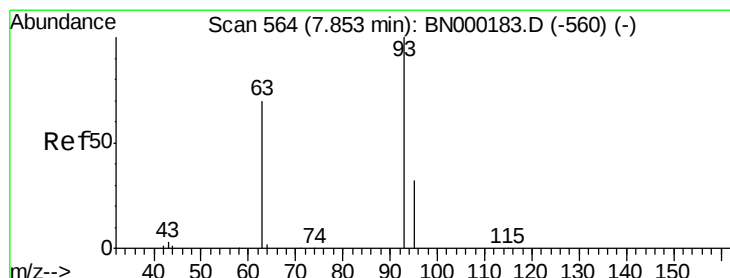
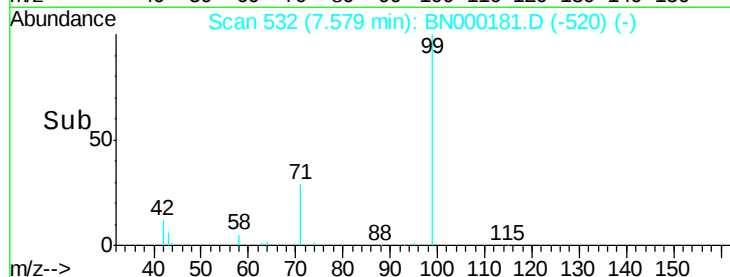
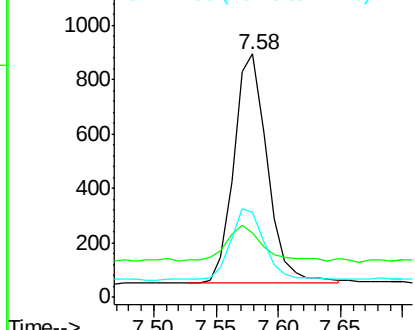
99 100

42 17.3 20.2 30.2#

71 30.9 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: 0.099 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

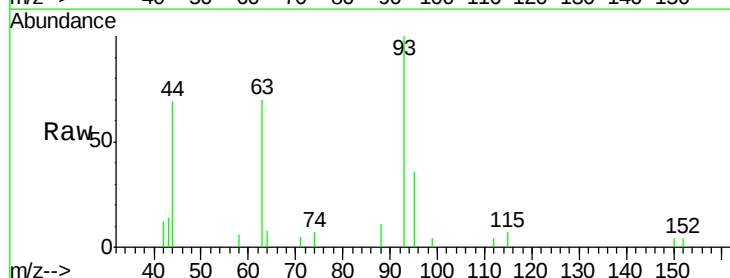
Tgt Ion: 93 Resp: 2029

Ion Ratio Lower Upper

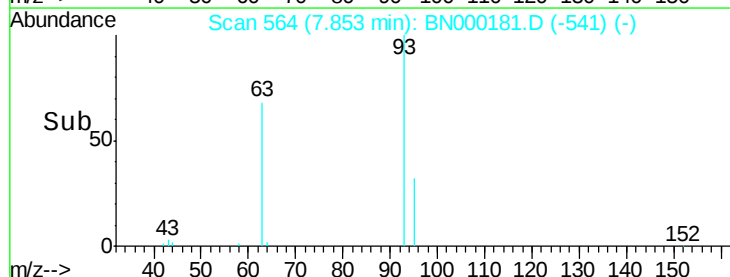
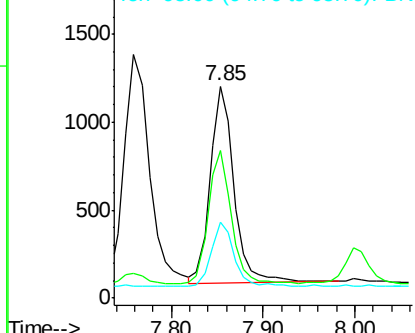
93 100

63 66.4 56.0 84.0

95 31.6 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: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:136 Resp: 22293

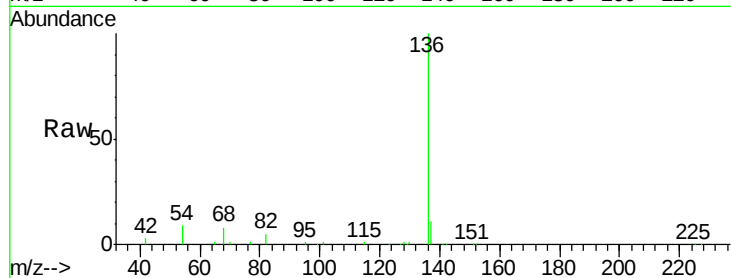
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 8.6 29.1 43.7#

68 7.7 6.2 9.2

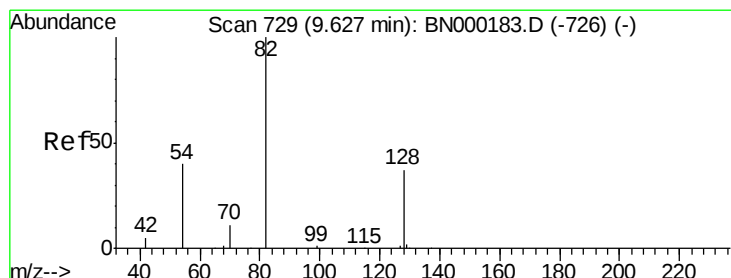
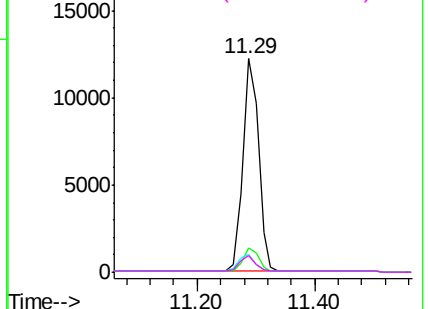
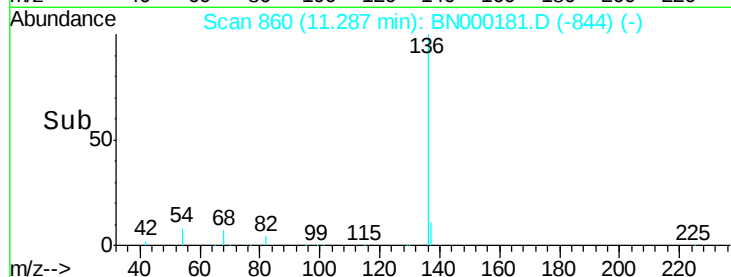


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.098 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

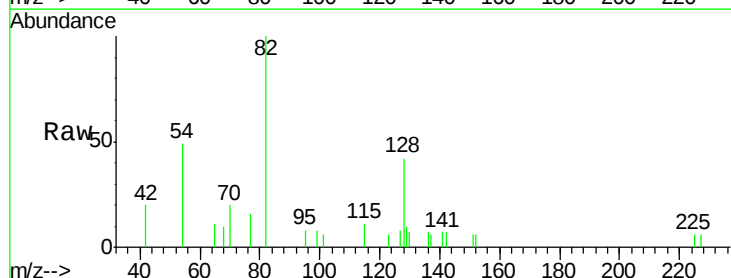
Tgt Ion: 82 Resp: 1293

Ion Ratio Lower Upper

82 100

128 41.6 150.0 225.0#

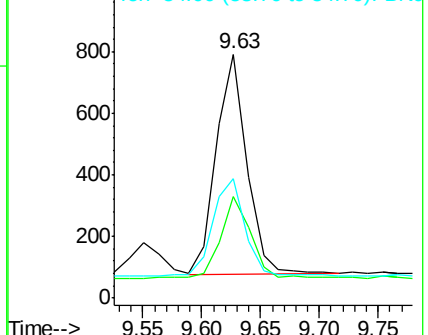
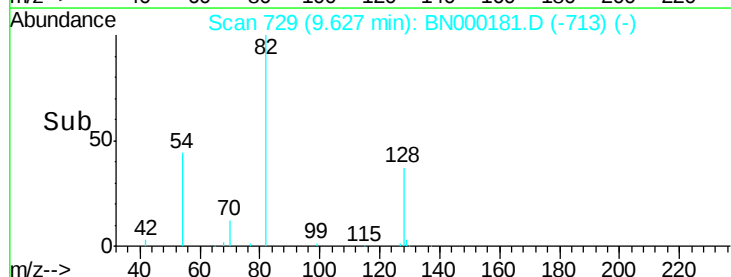
54 49.1 154.2 231.4#

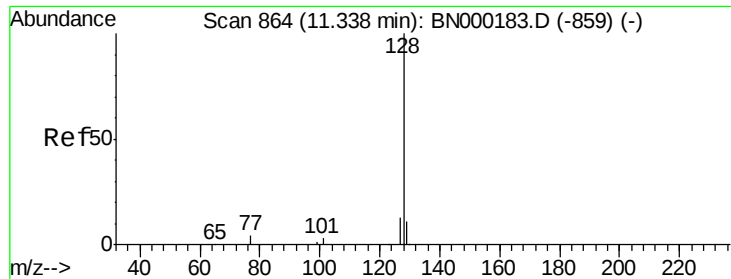


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.100 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

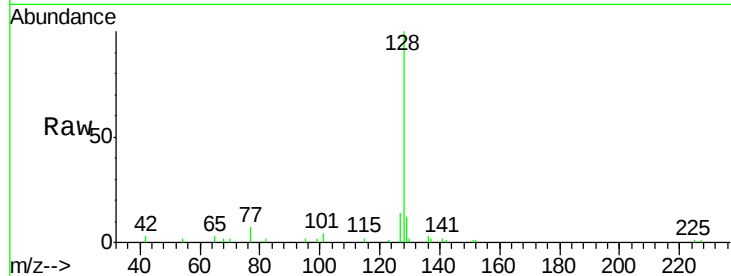
Tgt Ion:128 Resp: 6519

Ion Ratio Lower Upper

128 100

129 11.8 8.0 12.0

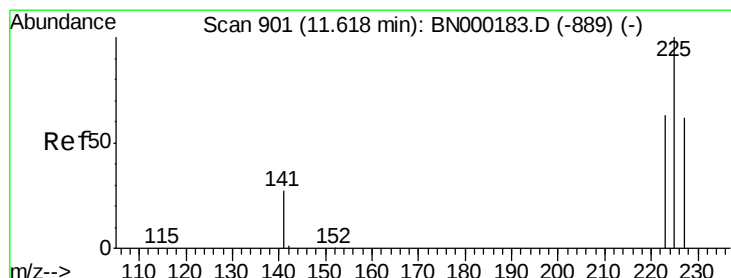
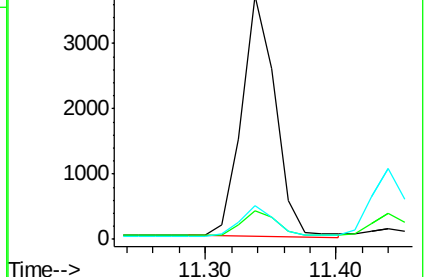
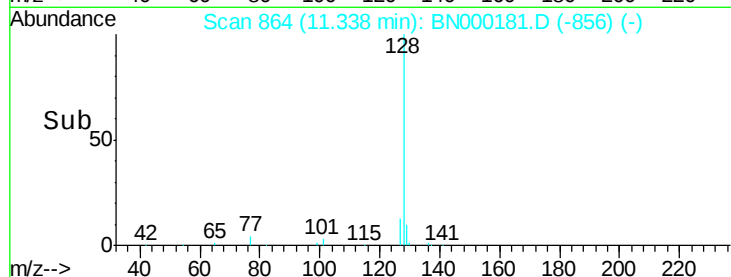
127 14.1 9.6 14.4



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: 0.101 ng

RT: 11.62 min Scan# 901

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

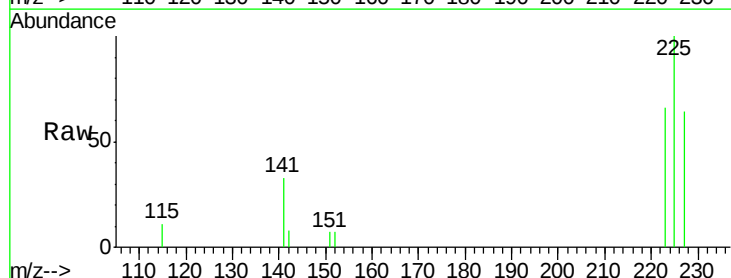
Tgt Ion:225 Resp: 1115

Ion Ratio Lower Upper

225 100

223 62.3 53.0 79.6

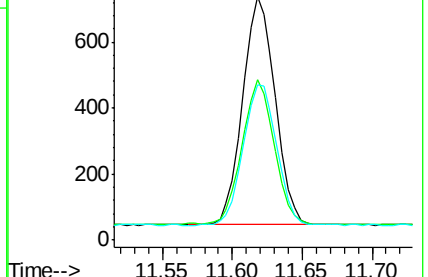
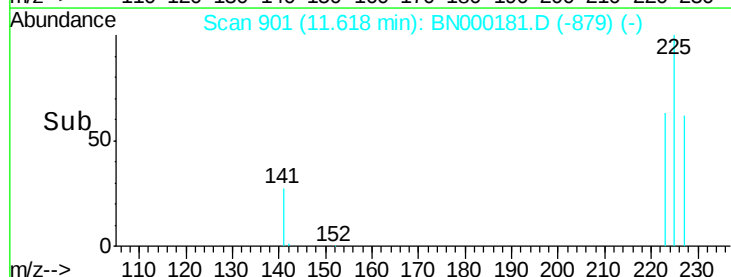
227 63.7 51.4 77.2

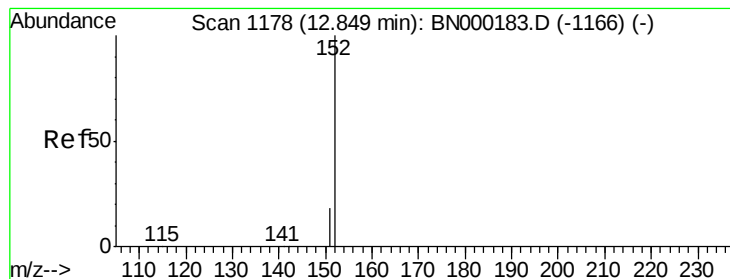


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

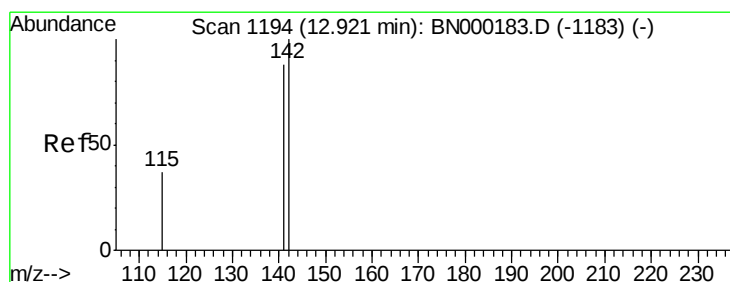
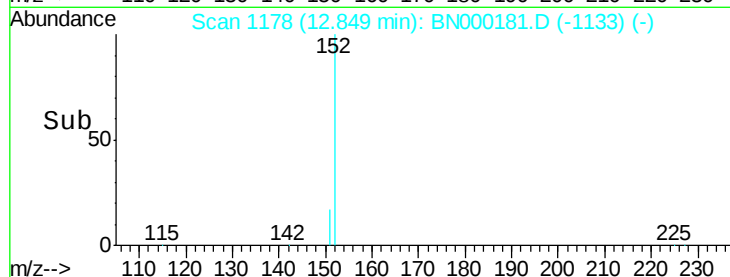
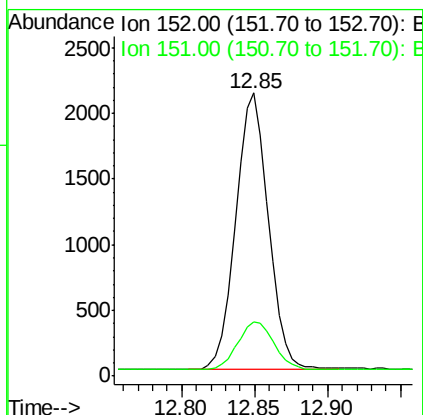
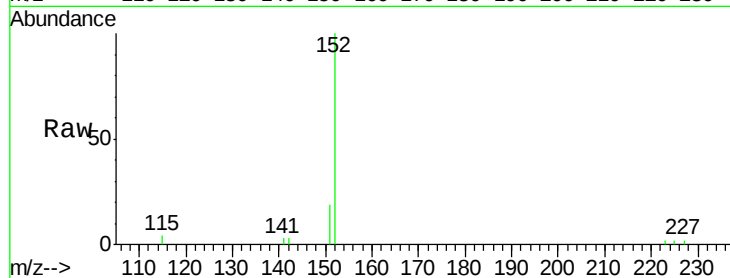




#11
 2-Methylnaphthalene-d10
 Concen: 0.099 ng
 RT: 12.85 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

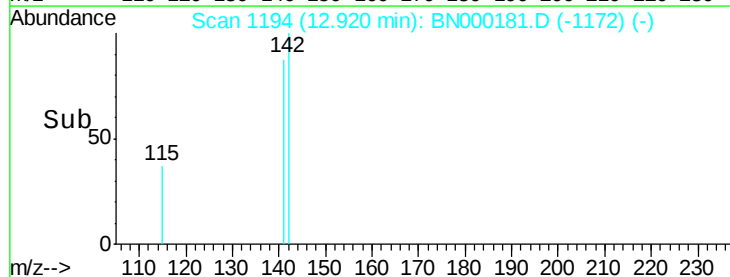
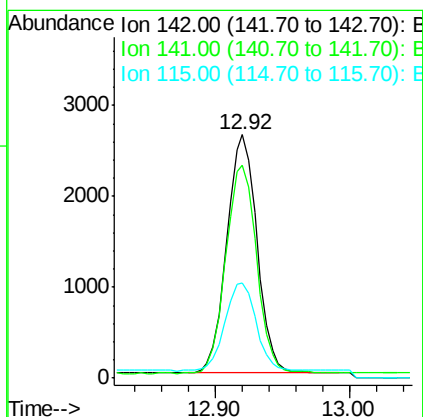
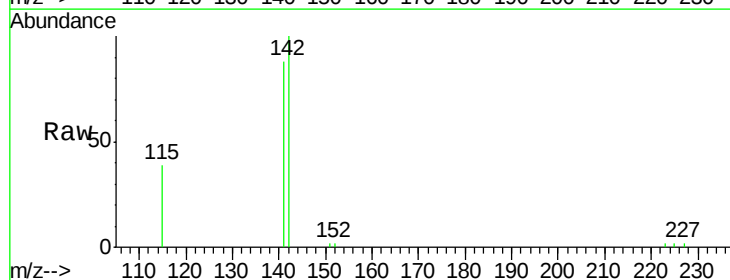
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tgt Ion:152 Resp: 3308
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.096 ng
 RT: 12.92 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

Tgt Ion:142 Resp: 4113
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.4 105.6
 115 39.2 31.7 47.5

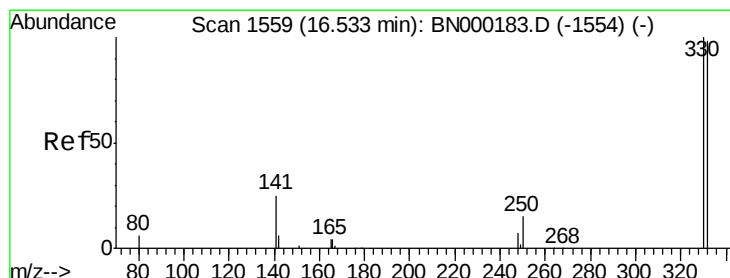
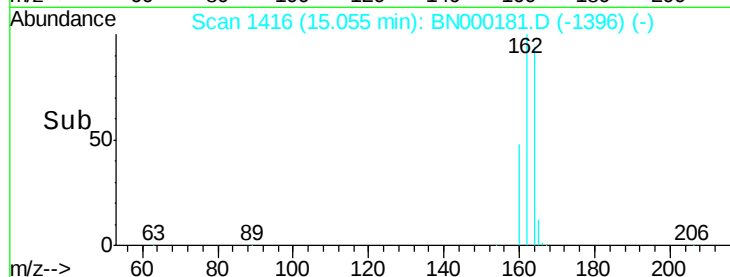
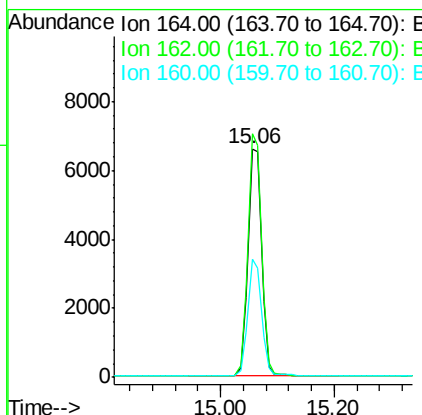
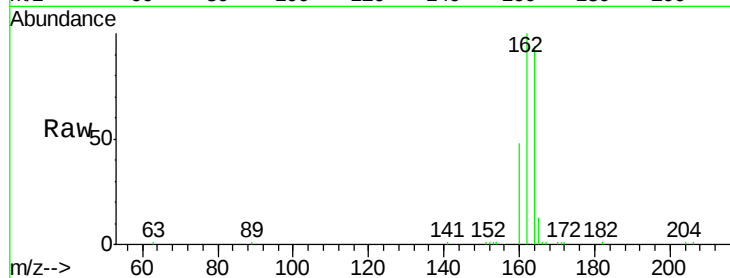




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

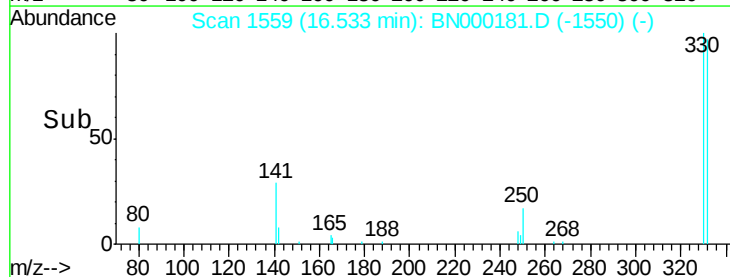
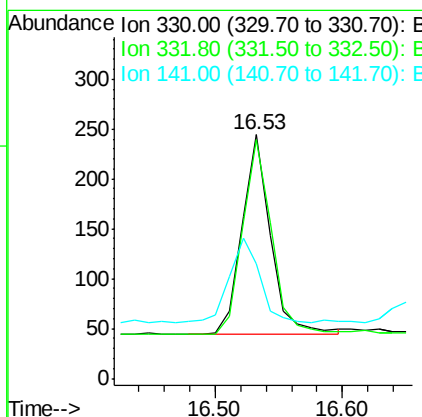
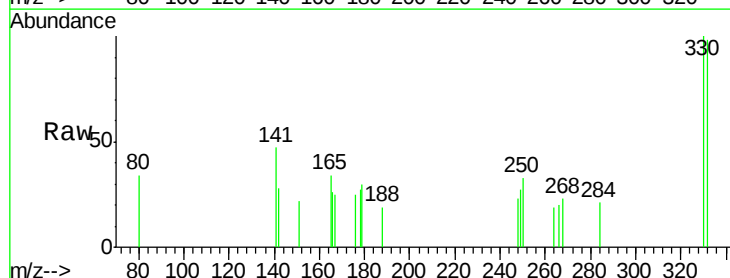
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

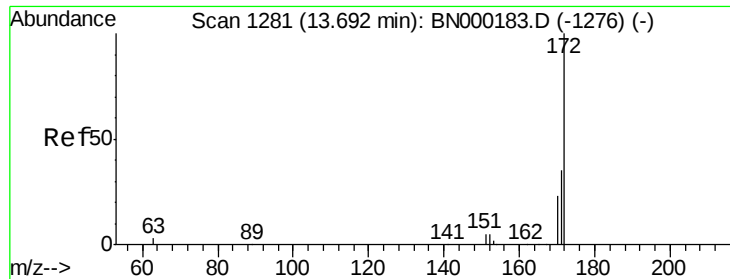
Tgt Ion:164 Resp: 11048
 Ion Ratio Lower Upper
 164 100
 162 106.7 83.1 124.7
 160 51.7 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.084 ng
 RT: 16.53 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

Tgt Ion:330 Resp: 308
 Ion Ratio Lower Upper
 330 100
 332 101.3 152.7 229.1#
 141 45.1 33.7 50.5

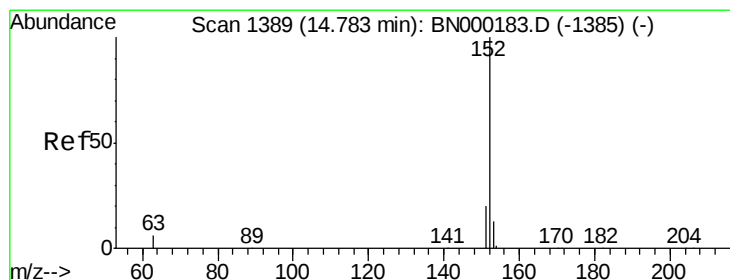
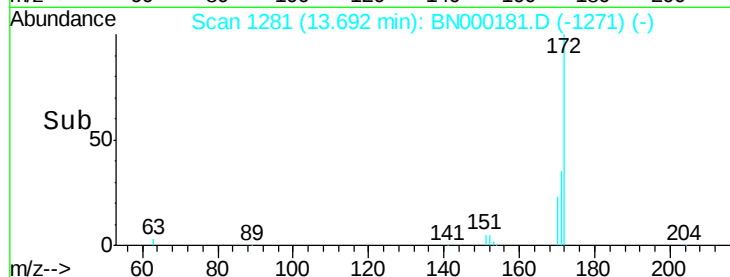
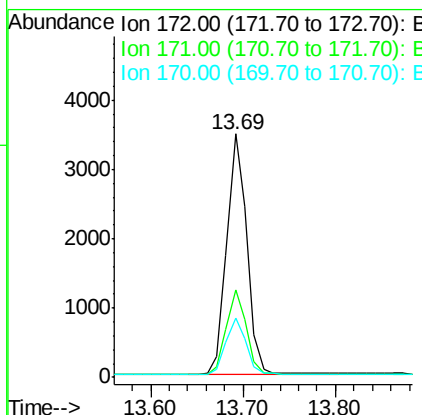
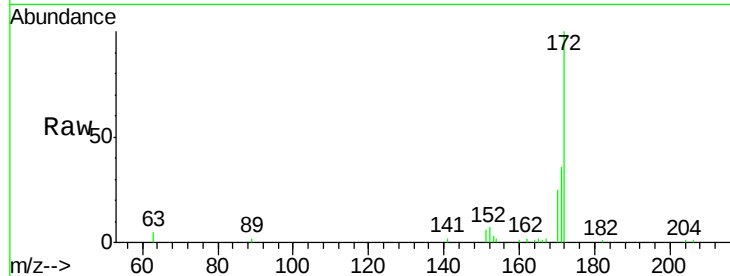




#15
 2-Fluorobiphenyl
 Concen: 0.100 ng
 RT: 13.69 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

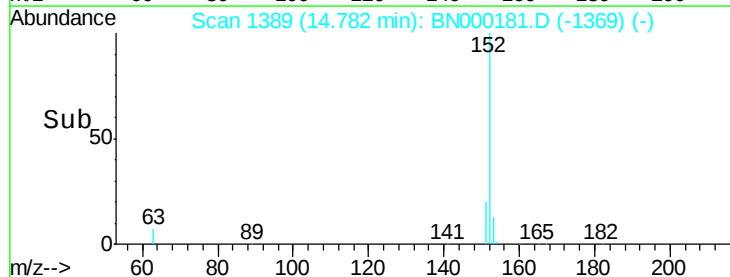
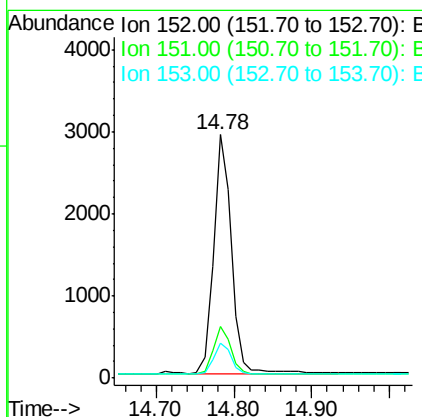
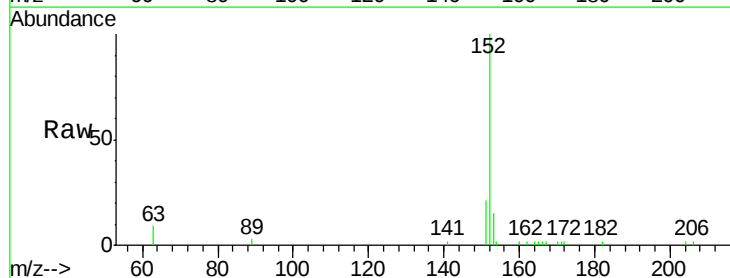
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

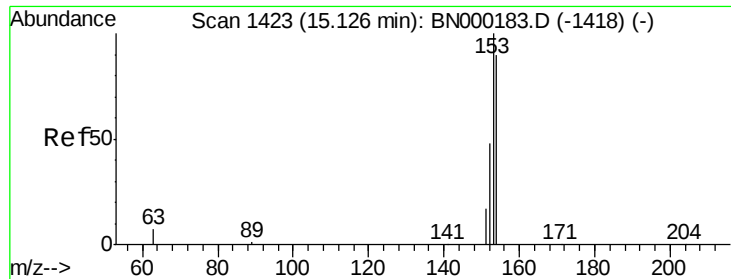
Tgt Ion:172 Resp: 5227
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.9 44.9
 170 24.5 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.090 ng
 RT: 14.78 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BN000181.D
 Acq: 27 Feb 2018 09:16

Tgt Ion:152 Resp: 4694
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.7 23.5
 153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.096 ng

RT: 15.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

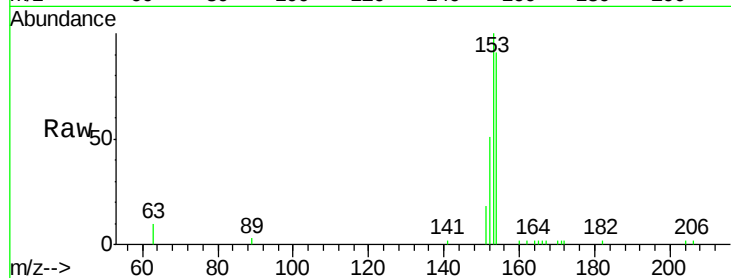
Tgt Ion:154 Resp: 3932

Ion Ratio Lower Upper

154 100

153 115.1 89.2 133.8

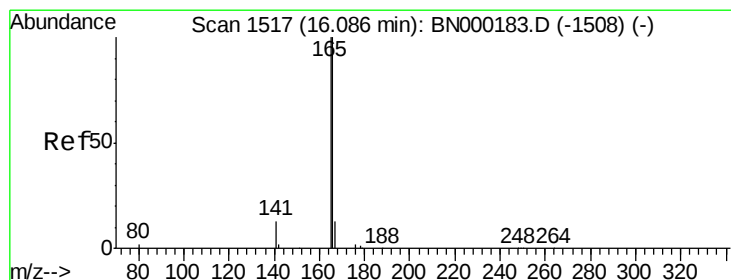
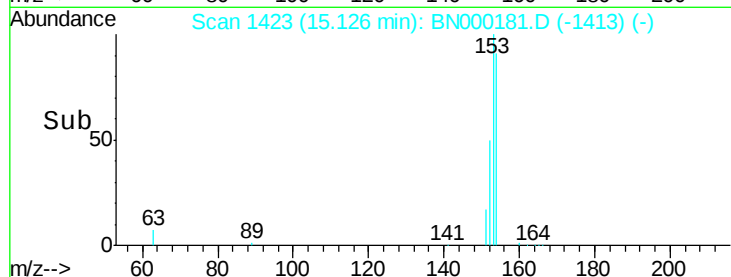
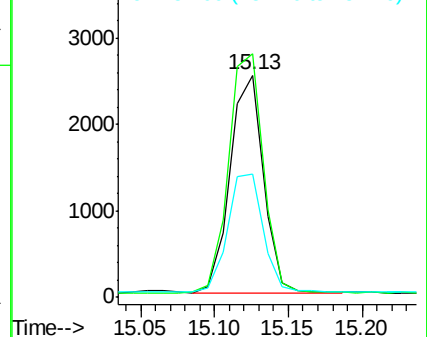
152 58.3 42.0 63.0



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: 0.096 ng

RT: 16.09 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

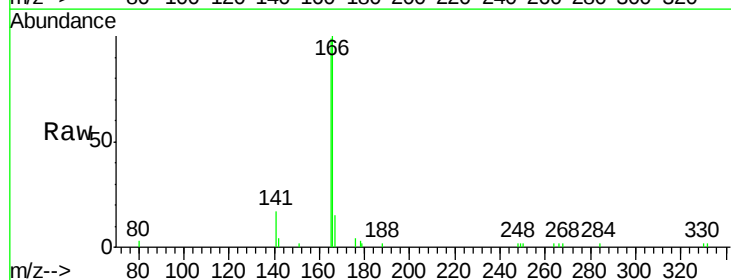
Tgt Ion:166 Resp: 4902

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.6

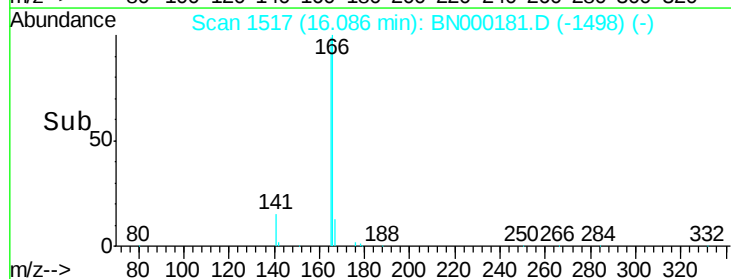
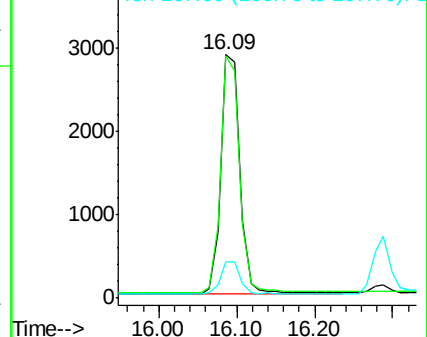
167 13.8 42.4 63.6#

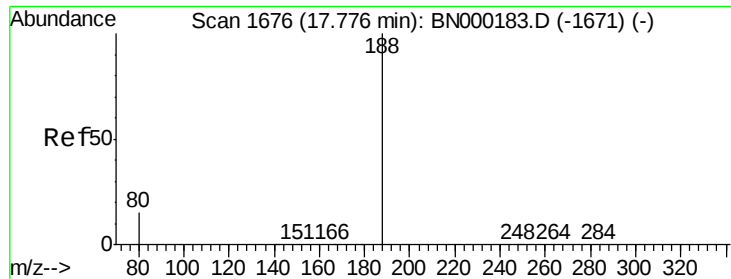


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

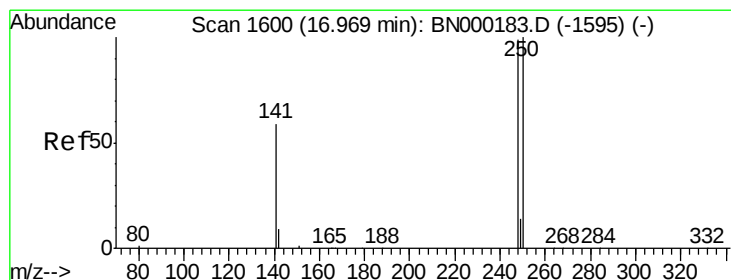
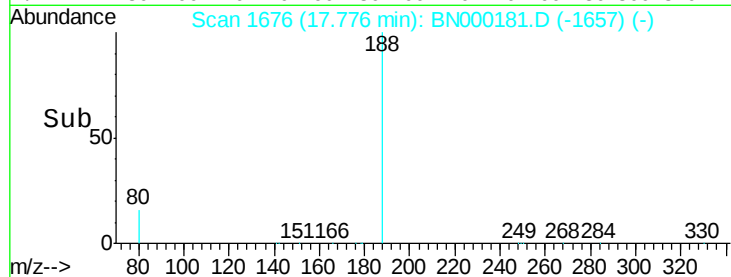
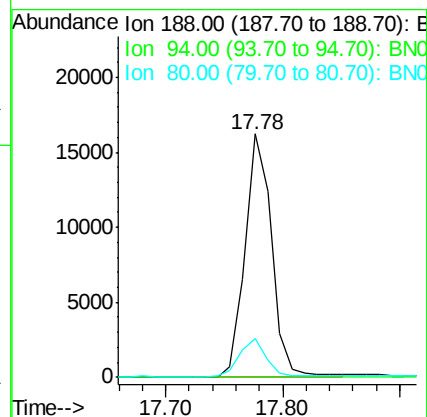
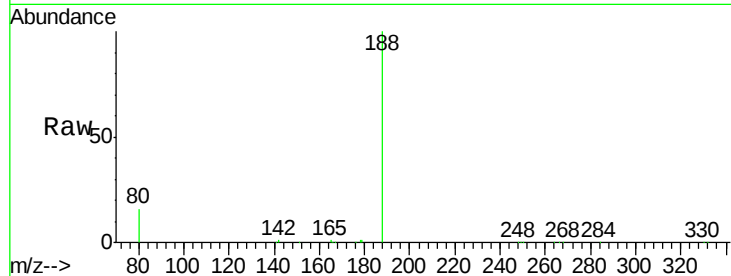
Tgt Ion:188 Resp: 25445

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 15.9 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.092 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

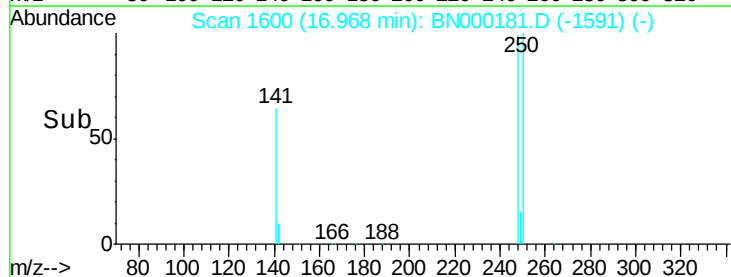
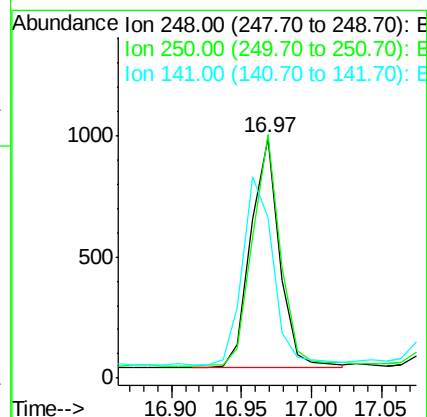
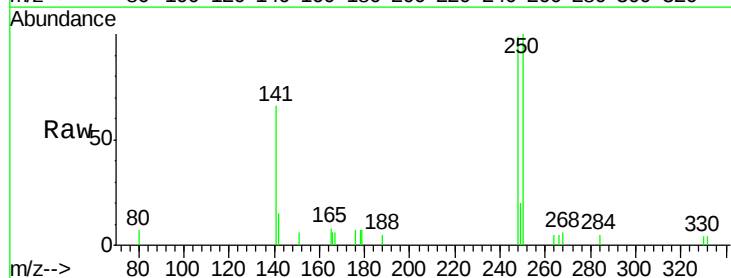
Tgt Ion:248 Resp: 1351

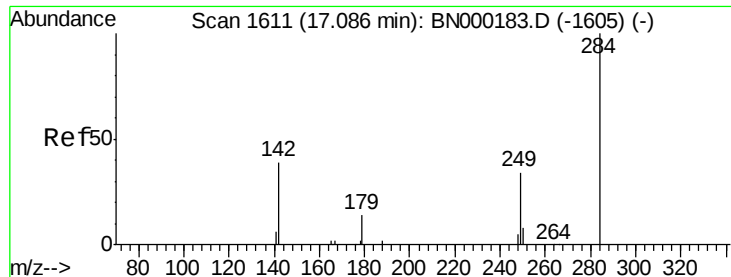
Ion Ratio Lower Upper

248 100

250 101.3 62.7 94.1#

141 66.6 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.099 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

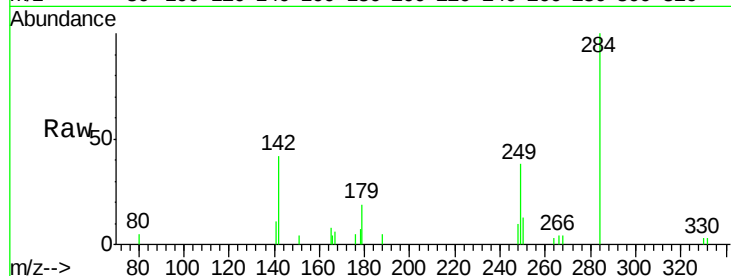
Tgt Ion:284 Resp: 1946

Ion Ratio Lower Upper

284 100

142 42.2 32.0 48.0

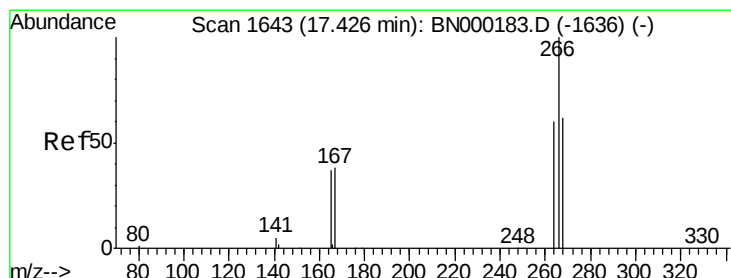
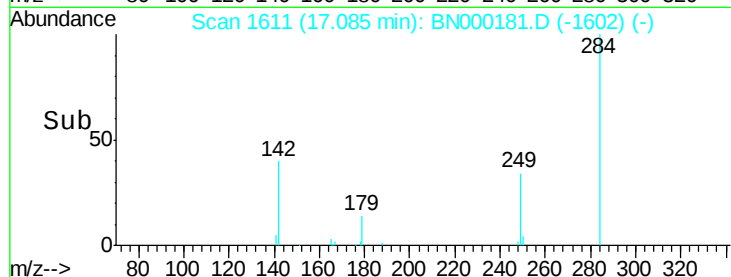
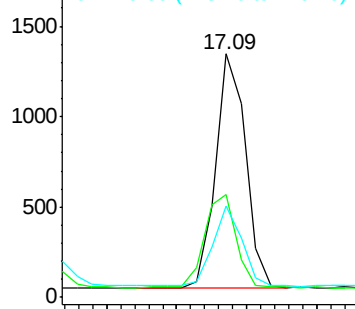
249 33.4 24.0 36.0



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: 0.121 ng

RT: 17.43 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

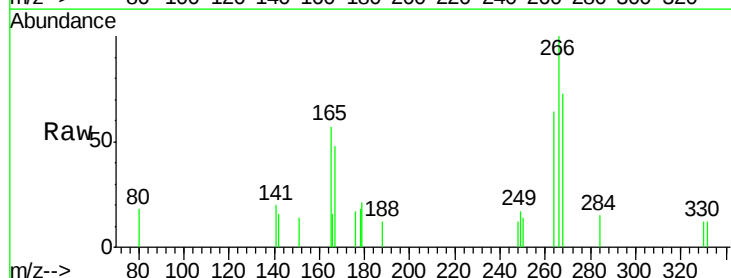
Tgt Ion:266 Resp: 633

Ion Ratio Lower Upper

266 100

264 64.3 48.0 72.0

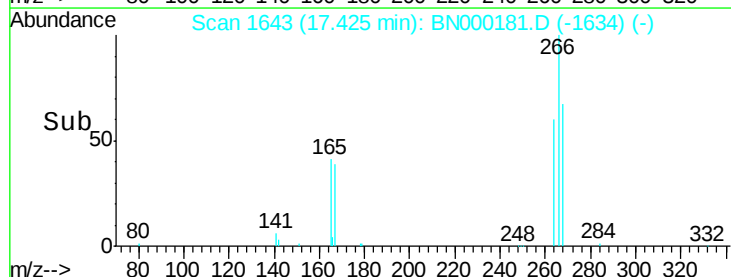
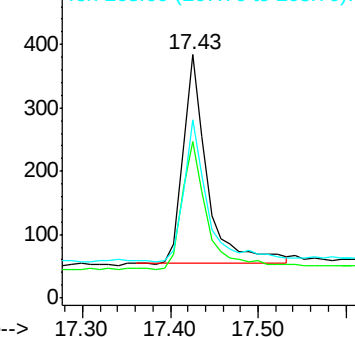
268 73.2 52.0 78.0

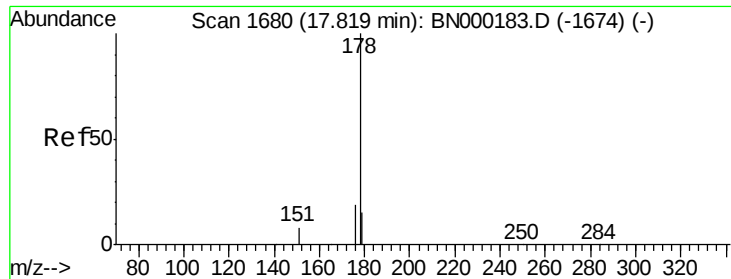


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.097 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

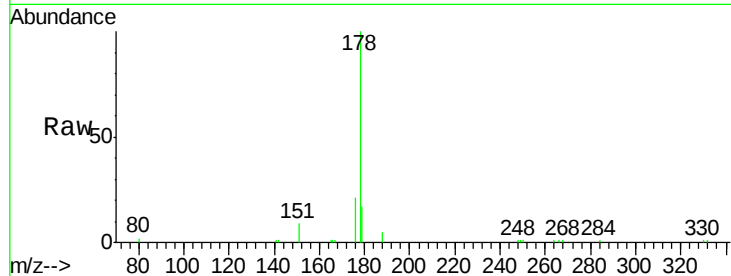
Tgt Ion:178 Resp: 8712

Ion Ratio Lower Upper

178 100

176 20.4 15.1 22.7

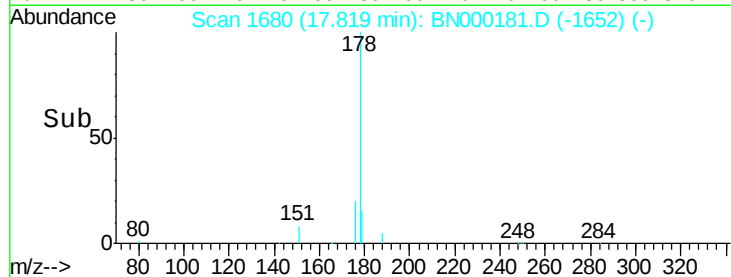
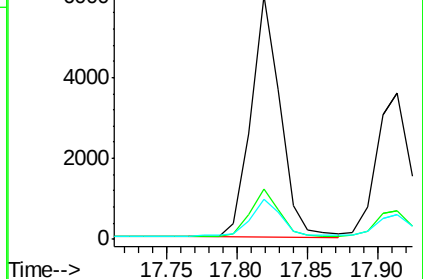
179 16.8 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.097 ng

RT: 17.91 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

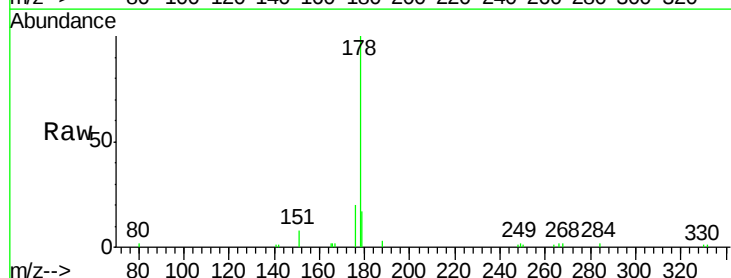
Tgt Ion:178 Resp: 6791

Ion Ratio Lower Upper

178 100

176 24.9 12.8 19.2#

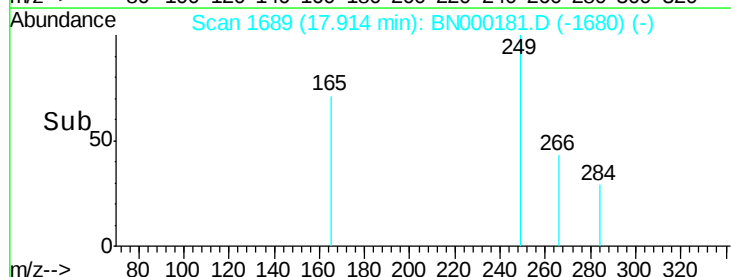
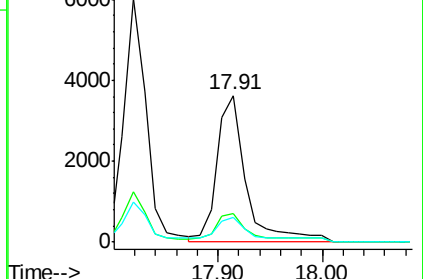
179 23.0 13.0 19.6#

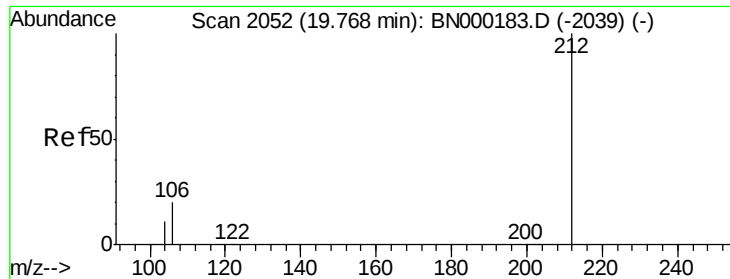


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.095 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

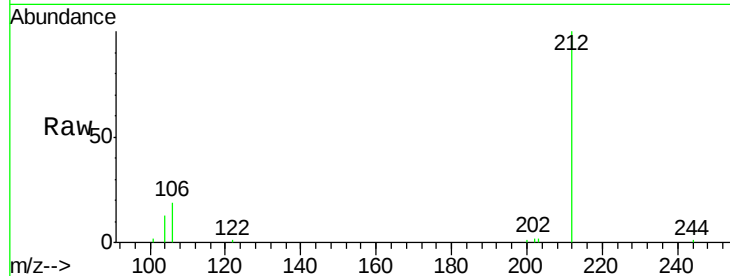
Tgt Ion:212 Resp: 6489

Ion Ratio Lower Upper

212 100

106 19.0 2.8 4.2#

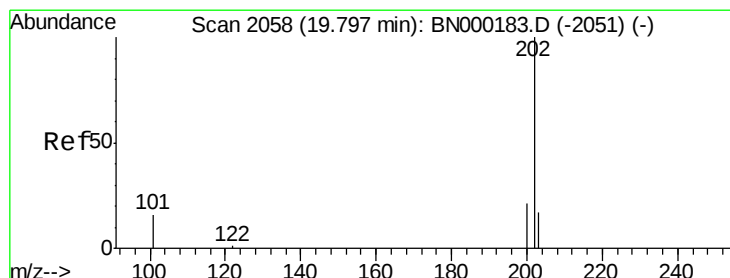
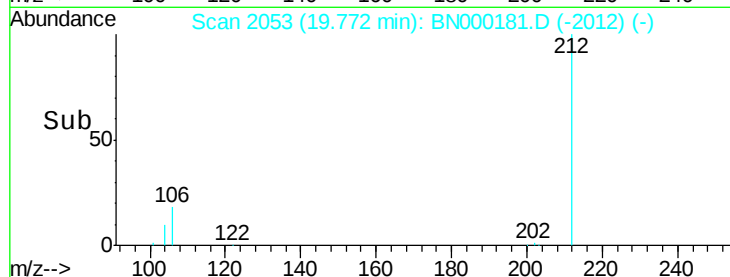
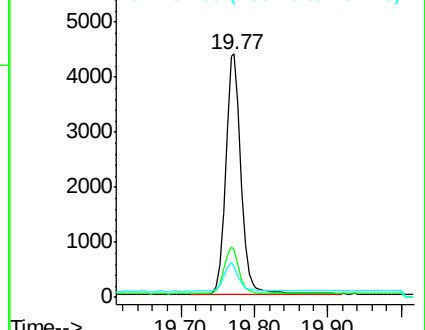
104 11.1 1.6 2.4#



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: 0.088 ng

RT: 19.80 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

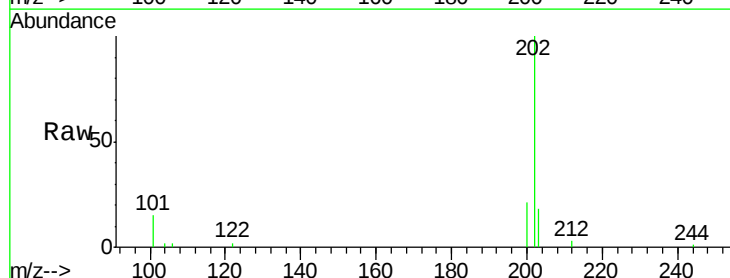
Tgt Ion:202 Resp: 8145

Ion Ratio Lower Upper

202 100

101 15.7 9.8 14.8#

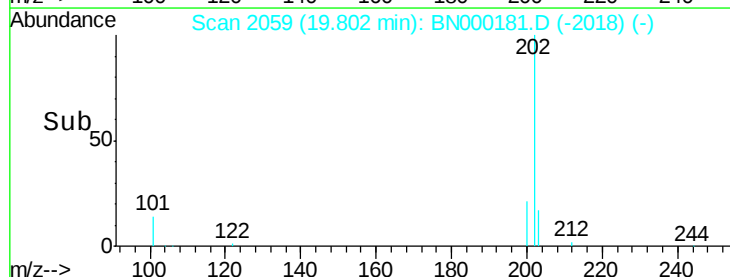
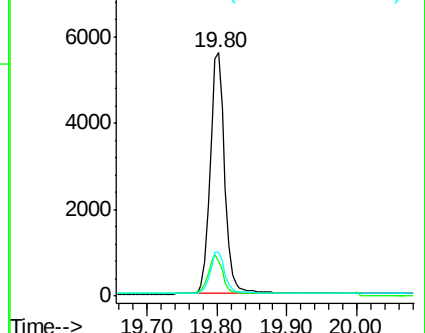
203 16.7 13.7 20.5

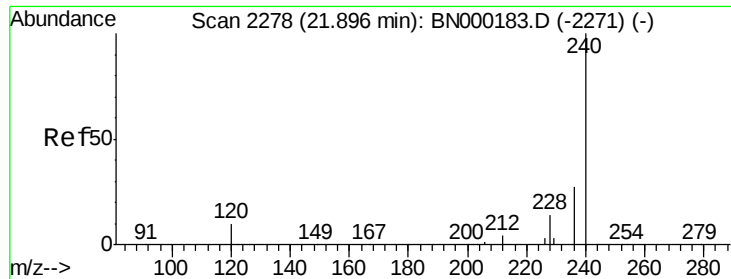


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

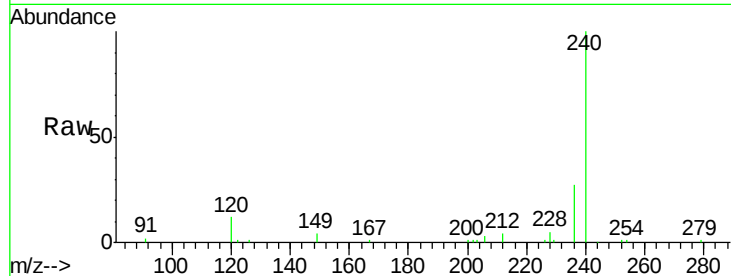
Tgt Ion:240 Resp: 20732

Ion Ratio Lower Upper

240 100

120 12.3 5.5 8.3#

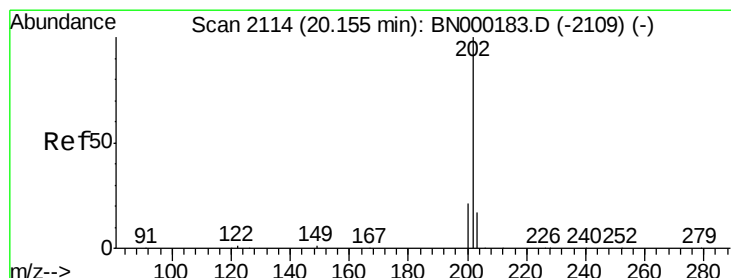
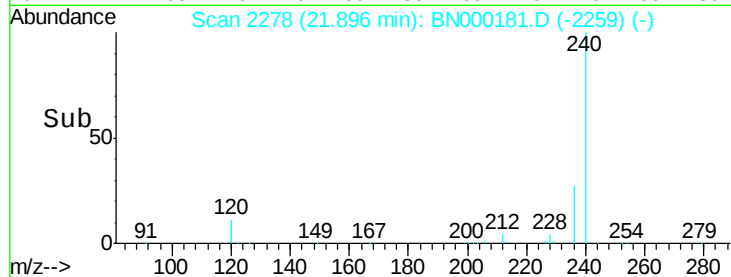
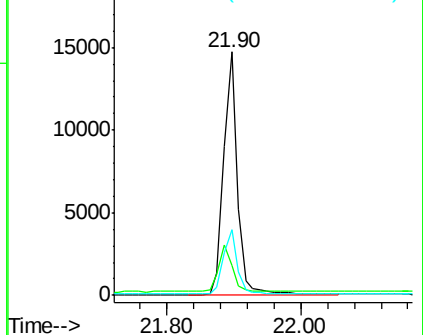
236 27.0 20.7 31.1



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: 0.106 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

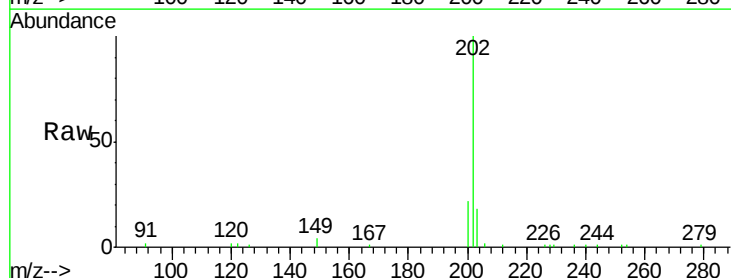
Tgt Ion:202 Resp: 8595

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

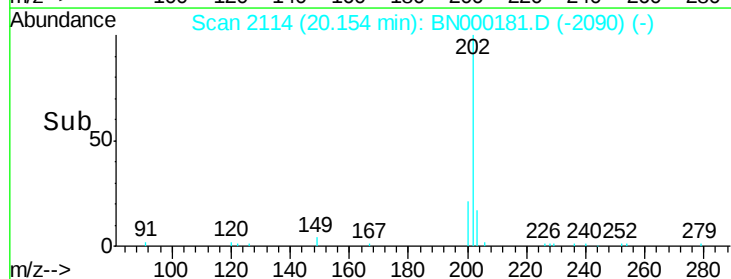
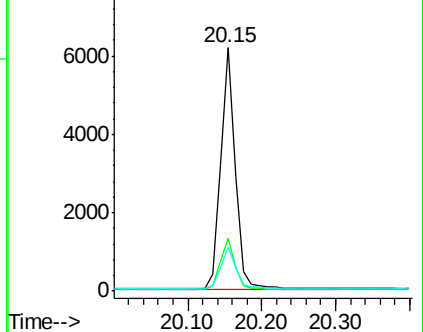
203 18.3 13.8 20.8



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: 0.102 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

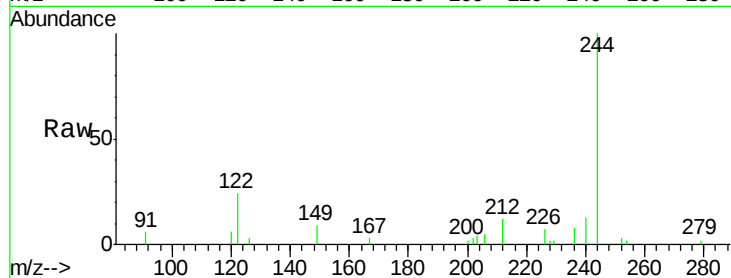
Tgt Ion:244 Resp: 3732

Ion Ratio Lower Upper

244 100

212 12.2 25.4 38.0#

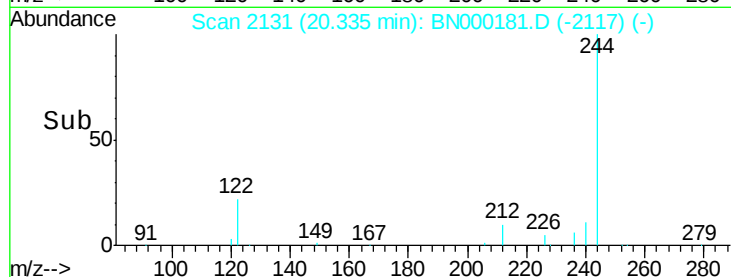
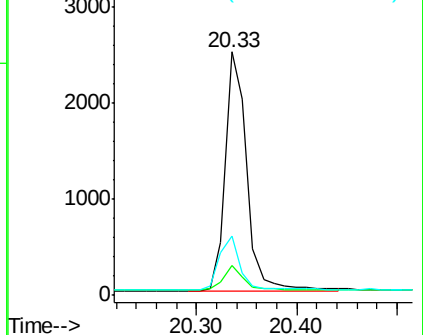
122 24.2 8.1 12.1#



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: 0.097 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

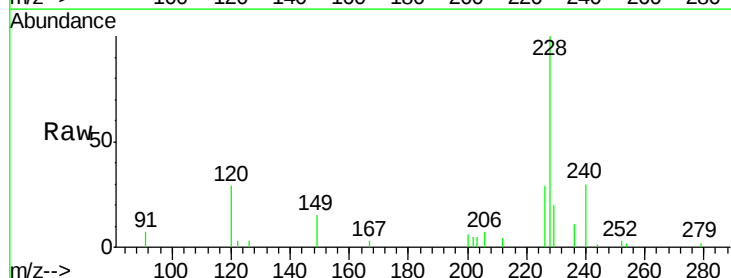
Tgt Ion:228 Resp: 6347

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

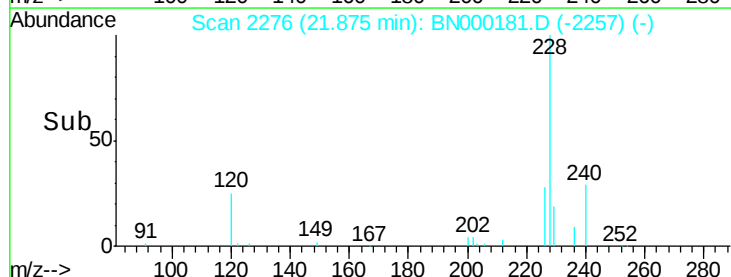
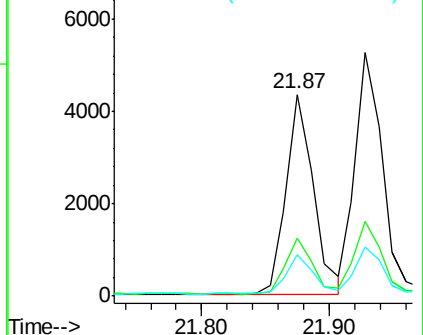
229 20.3 16.0 24.0



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: 0.100 ng

RT: 21.93 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

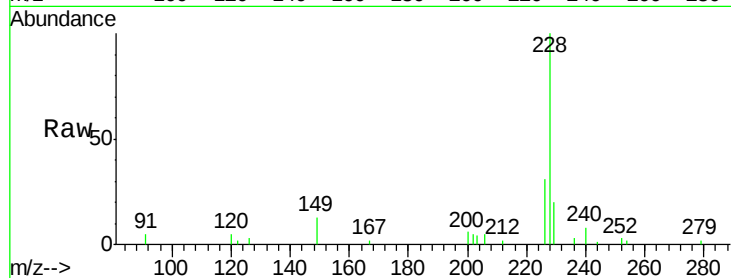
Tgt Ion:228 Resp: 7653

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

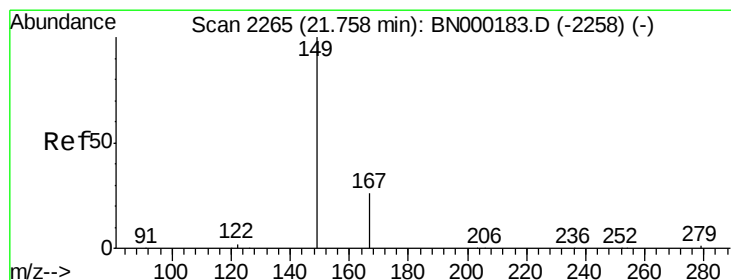
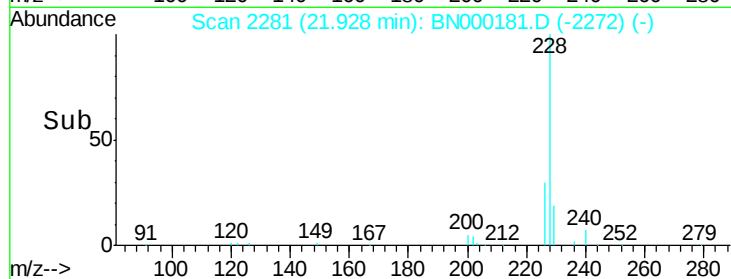
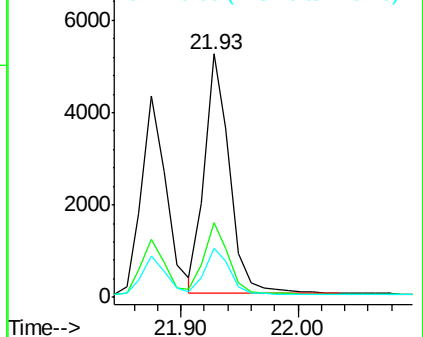
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.122 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

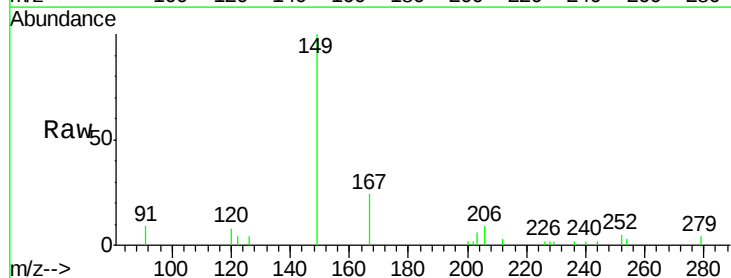
Tgt Ion:149 Resp: 2967

Ion Ratio Lower Upper

149 100

167 26.4 20.0 30.0

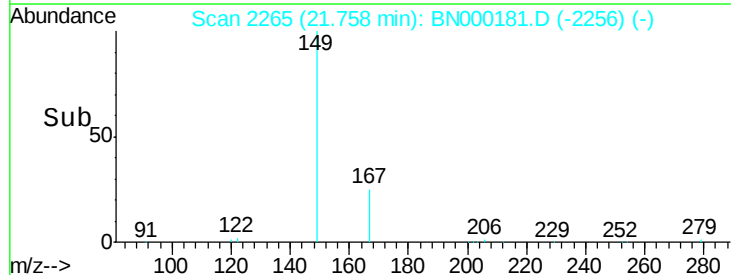
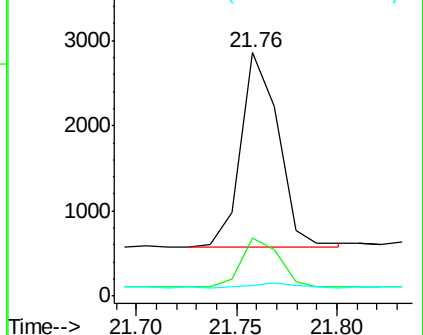
279 3.0 1.6 2.4#



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: 0.086 ng

RT: 26.91 min Scan# 3643

Delta R.T. -0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

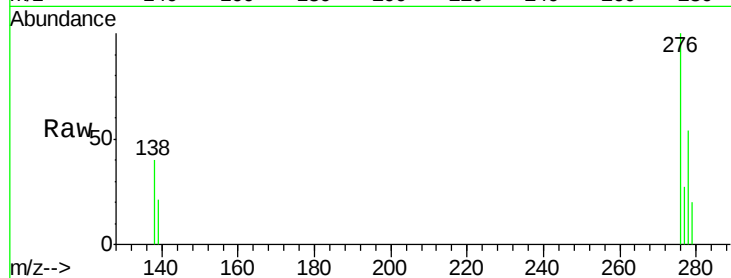
Tgt Ion:276 Resp: 6104

Ion Ratio Lower Upper

276 100

138 37.0 22.5 33.7#

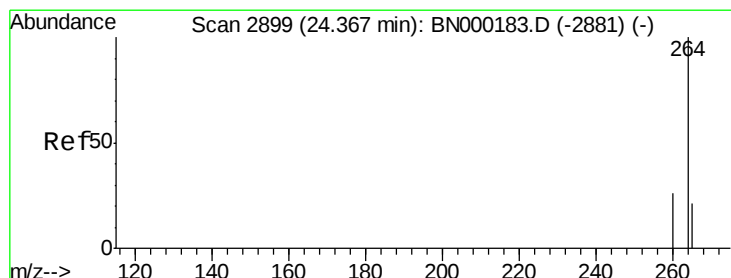
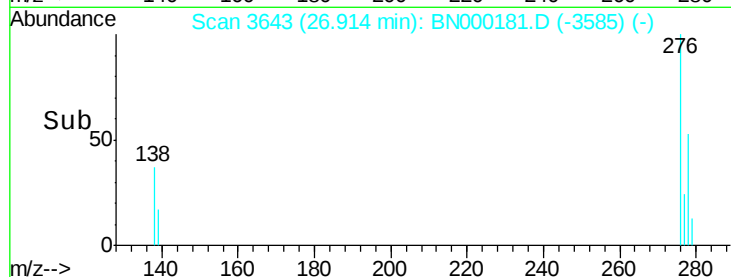
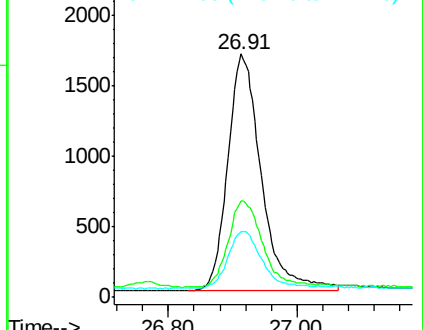
277 24.3 19.9 29.9



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: BN000181.D

Acq: 27 Feb 2018 09:16

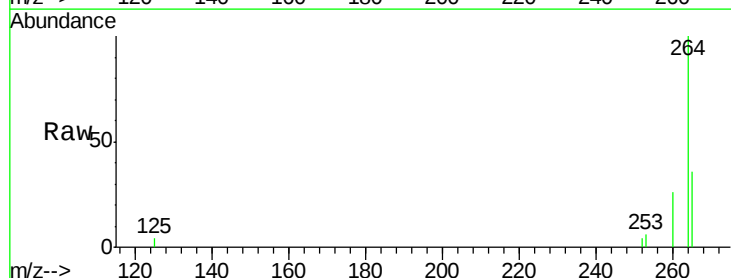
Tgt Ion:264 Resp: 16932

Ion Ratio Lower Upper

264 100

260 25.8 20.5 30.7

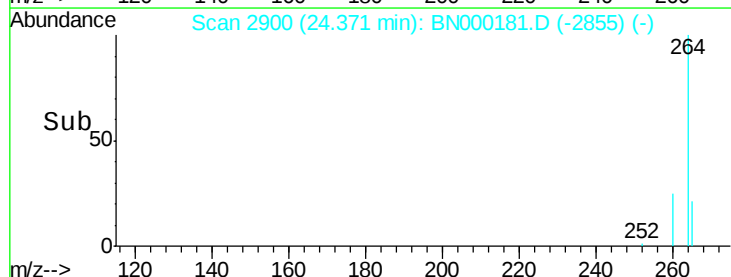
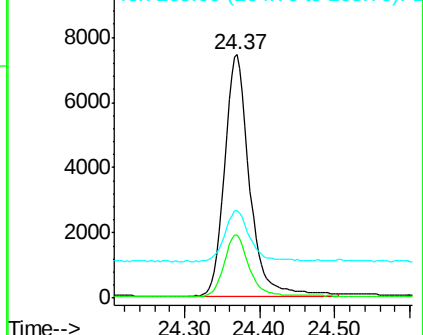
265 36.0 22.8 34.2#

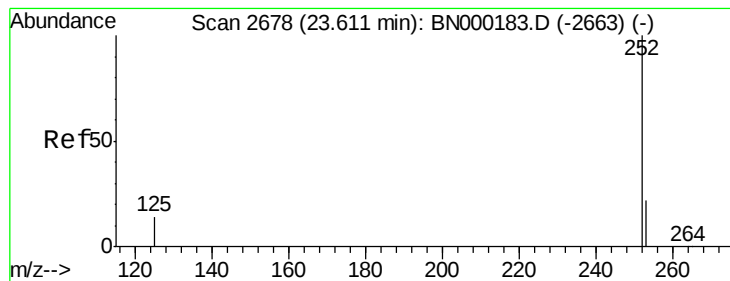


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.098 ng

RT: 23.61 min Scan# 2679

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

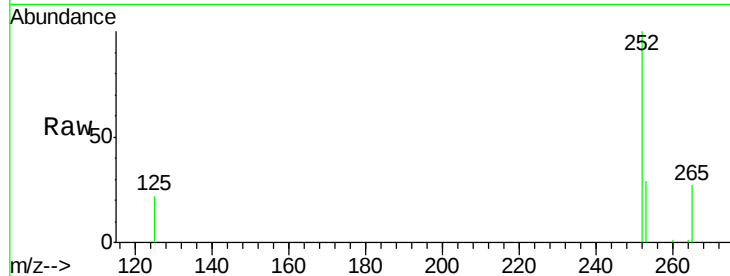
Tgt Ion:252 Resp: 7538

Ion Ratio Lower Upper

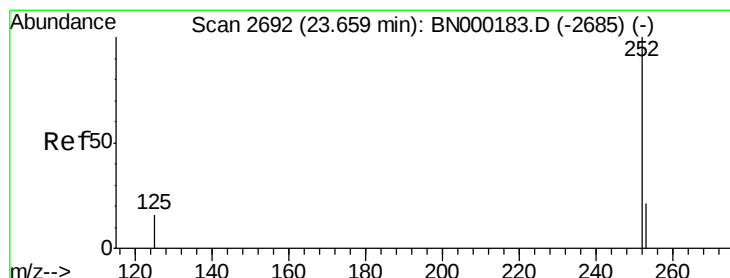
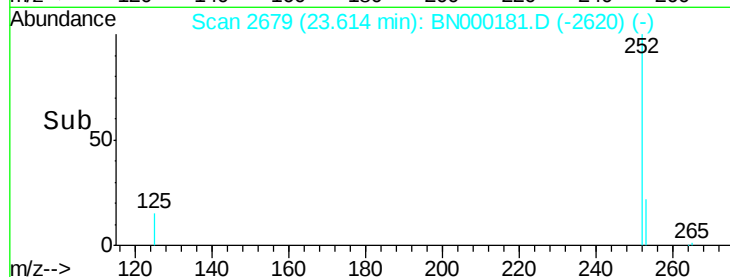
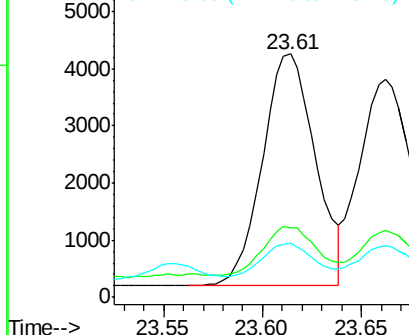
252 100

253 28.8 20.0 30.0

125 22.1 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: 0.090 ng

RT: 23.66 min Scan# 2693

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

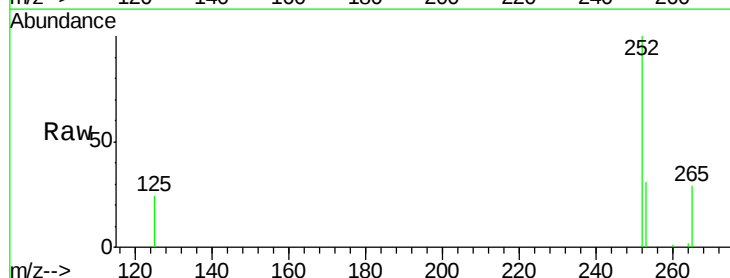
Tgt Ion:252 Resp: 6783

Ion Ratio Lower Upper

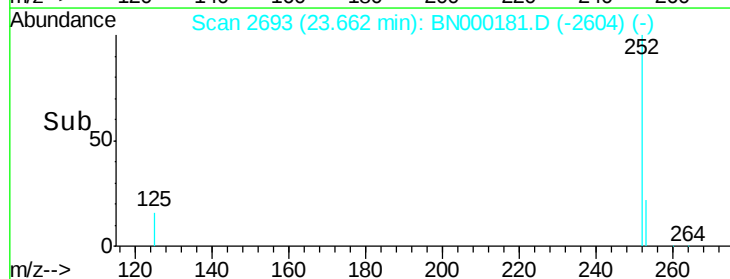
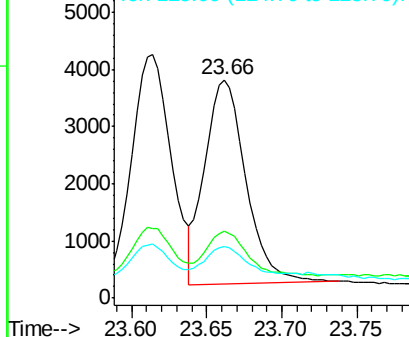
252 100

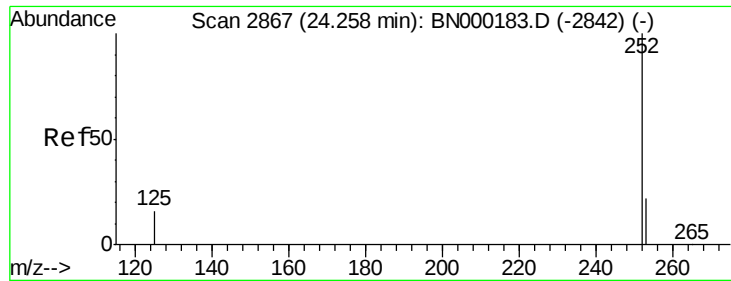
253 30.5 16.0 24.0#

125 23.6 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: 0.091 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

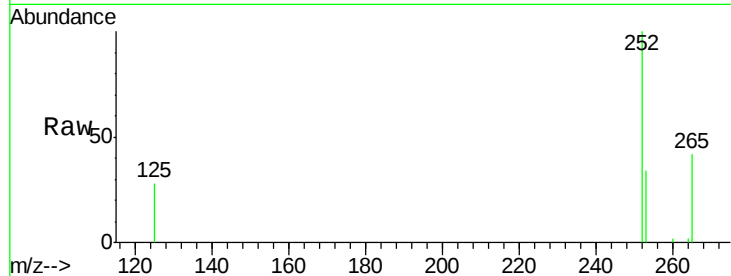
Tgt Ion:252 Resp: 5709

Ion Ratio Lower Upper

252 100

253 34.4 16.0 24.0#

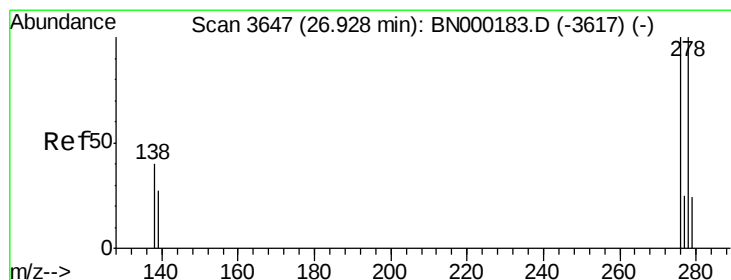
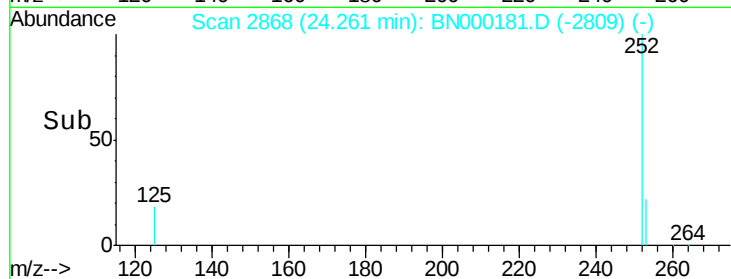
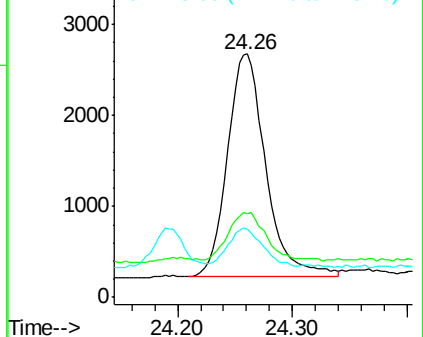
125 28.2 12.0 18.0#



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: 0.078 ng

RT: 26.93 min Scan# 3648

Delta R.T. 0.00 min

Lab File: BN000181.D

Acq: 27 Feb 2018 09:16

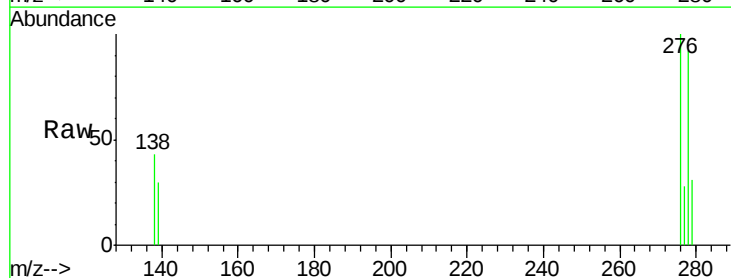
Tgt Ion:278 Resp: 4354

Ion Ratio Lower Upper

278 100

139 32.7 16.0 24.0#

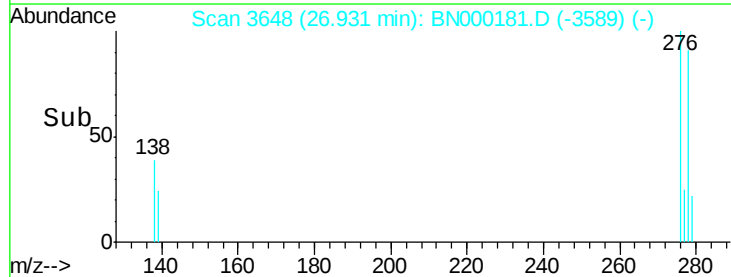
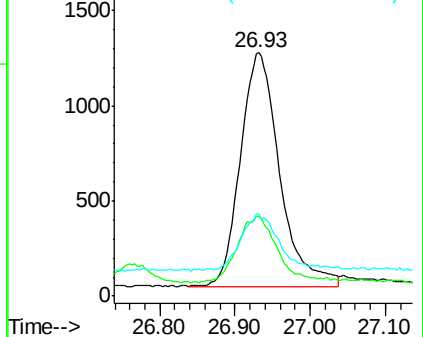
279 33.7 20.0 30.0#



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: 0.092 ng

RT: 27.70 min Scan# 3873

Delta R.T. -0.00 min

Lab File: BN000181.D

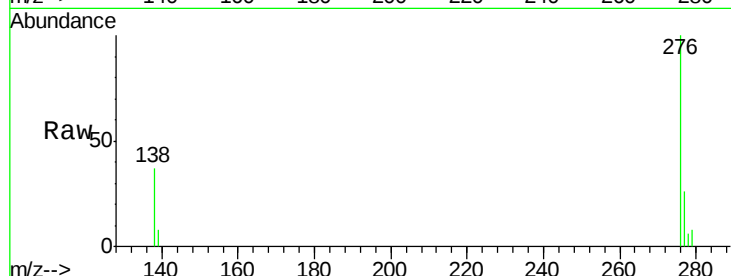
Acq: 27 Feb 2018 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1



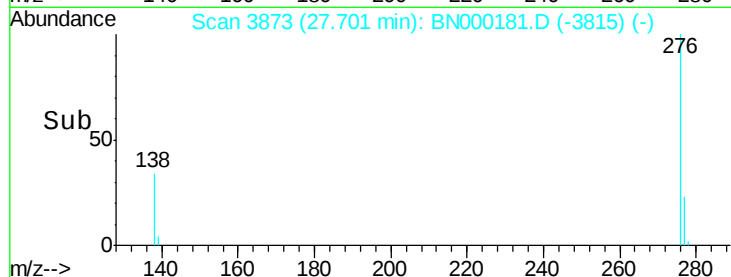
Tgt Ion: 276 Resp: 6108

Ion Ratio Lower Upper

276 100

277 26.4 16.0 24.0#

138 37.0 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

