

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002181.D
 Acq On : 30 Jul 2018 11:26
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jul 30 14:14:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 14:09:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3615	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	14363	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	7912	0.40	ng	-0.01
19) Phenanthrene-d10	17.07	188	19004	0.40	ng	0.00
27) Chrysene-d12	21.27	240	18589	0.40	ng	0.00
34) Perylene-d12	23.50	264	16296	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	933	0.12	ng	0.00
5) Phenol-d6	6.88	99	1131	0.12	ng	0.00
8) Nitrobenzene-d5	8.85	82	1121	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	2221	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	358	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	3369	0.09	ng	0.00
25) Fluoranthene-d10	19.11	212	5200	0.10	ng	0.00
29) Terphenyl-d14	19.71	244	4644	0.14	ng	0.00

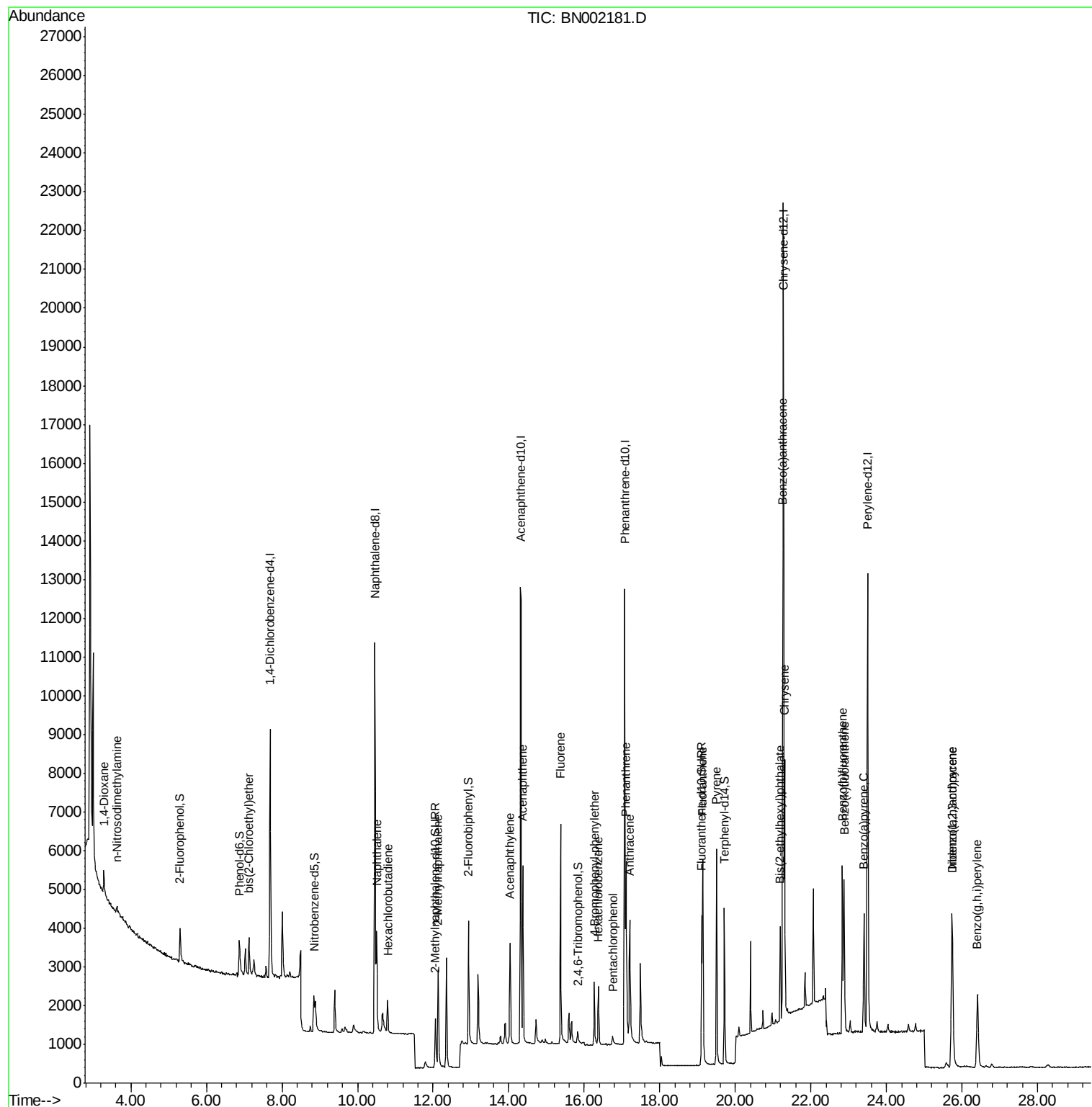
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	523	0.140	ng	# 84
3) n-Nitrosodimethylamine	3.62	42	198	0.078	ng	# 81
6) bis(2-Chloroethyl)ether	7.13	93	1031	0.084	ng	92
9) Naphthalene	10.51	128	3470	0.083	ng	# 92
10) Hexachlorobutadiene	10.80	225	775	0.109	ng	# 55
12) 2-Methylnaphthalene	12.13	142	2248	0.082	ng	99
16) Acenaphthylene	14.03	152	3418	0.092	ng	100
17) Acenaphthene	14.38	154	2273	0.077	ng	96
18) Fluorene	15.37	166	2835	0.077	ng	# 80
20) 4-Bromophenyl-phenylether	16.27	248	1043	0.095	ng	# 81
21) Hexachlorobenzene	16.38	284	1215	0.083	ng	95
22) Pentachlorophenol	16.75	266	207	0.053	ng	# 82
23) Phenanthrene	17.11	178	4922	0.074	ng	99
24) Anthracene	17.21	178	3726	0.073	ng	96
26) Fluoranthene	19.14	202	5617	0.081	ng	# 97
28) Pyrene	19.50	202	5821	0.080	ng	100
30) Benzo(a)anthracene	21.26	228	5060	0.086	ng	96
31) Chrysene	21.31	228	6038	0.088	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	2648	0.121	ng	# 93
33) Indeno(1,2,3-cd)pyrene	25.73	276	5017	0.079	ng	# 93
35) Benzo(b)fluoranthene	22.84	252	5314	0.071	ng	# 93
36) Benzo(k)fluoranthene	22.88	252	5587	0.077	ng	# 85
37) Benzo(a)pyrene	23.40	252	4626	0.076	ng	# 81
38) Dibenzo(a,h)anthracene	25.75	278	4169	0.077	ng	94
39) Benzo(g,h,i)perylene	26.41	276	4347	0.068	ng	# 92

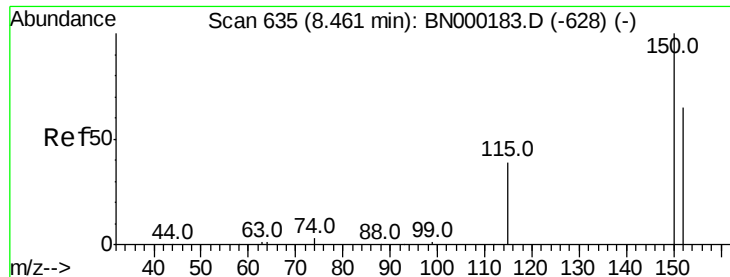
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 610

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

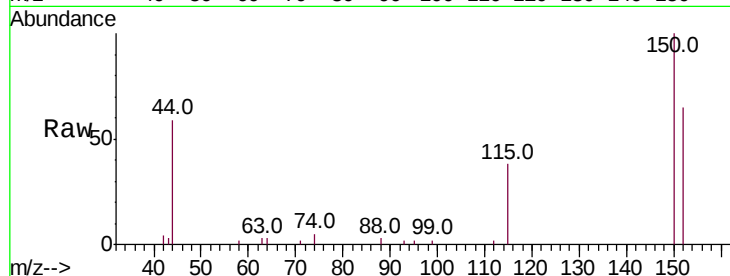
Tot Ion:152 Resp: 3615

Ion Ratio Lower Upper

152 100

150 153.1 117.2 175.8

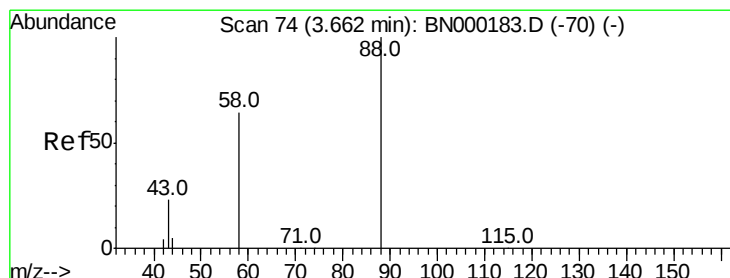
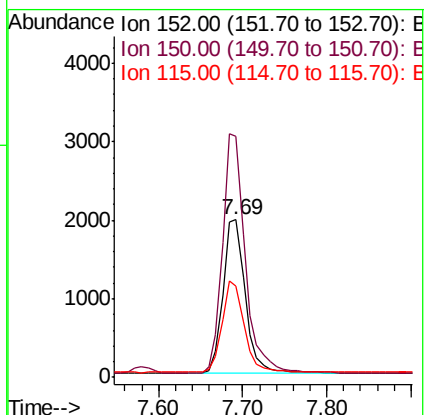
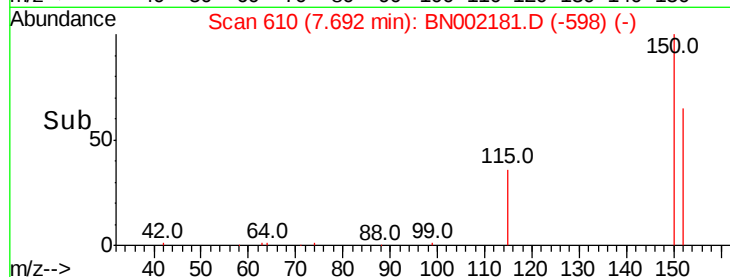
115 57.7 57.0 85.6



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: 0.140 ng

RT: 3.29 min Scan# 63

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

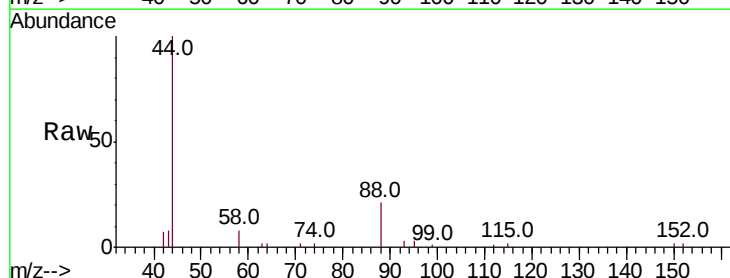
Tgt Ion: 88 Resp: 523

Ion Ratio Lower Upper

88 100

58 70.7 72.0 108.0#

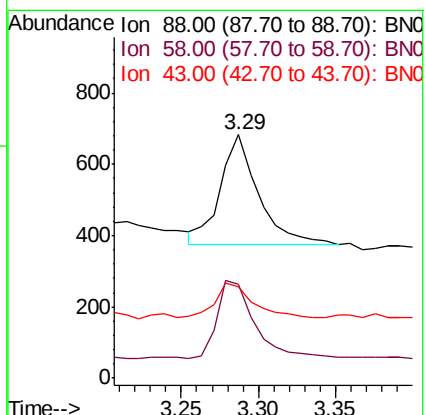
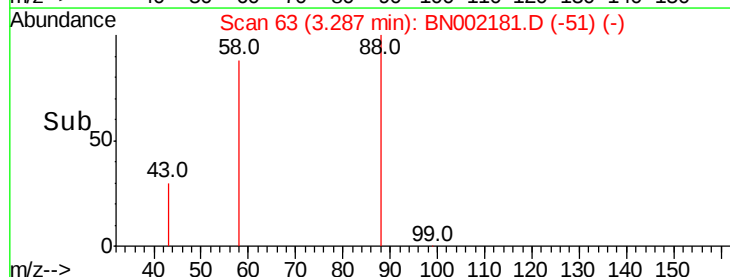
43 31.5 28.0 42.0

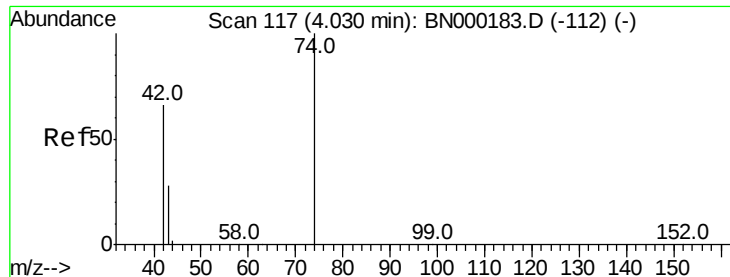


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



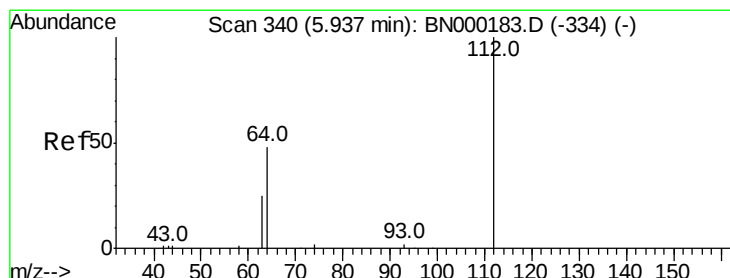
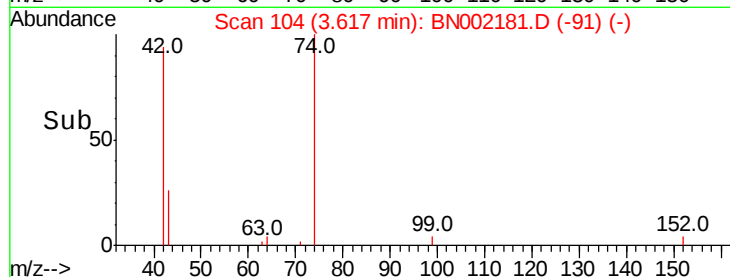
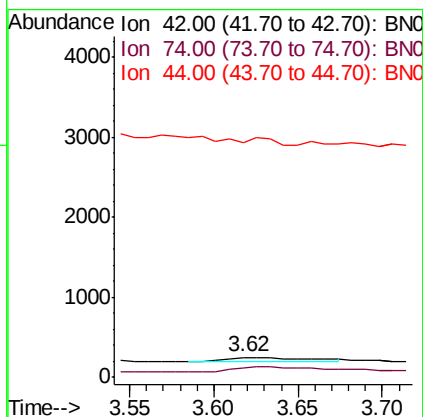
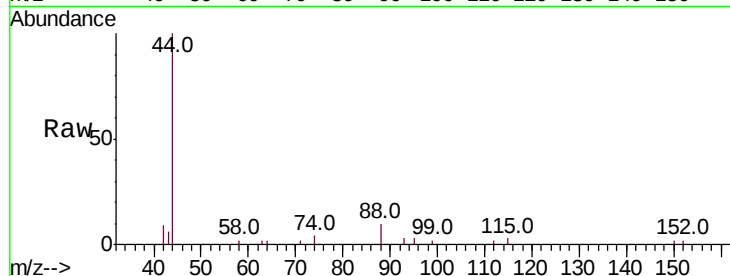


#3

n-Nitrosodimethylamine
 Concen: 0.078 ng
 RT: 3.62 min Scan# 104
 Delta R.T. 0.01 min
 Lab File: BN002181.D
 Acq: 30 Jul 2018 11:26

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

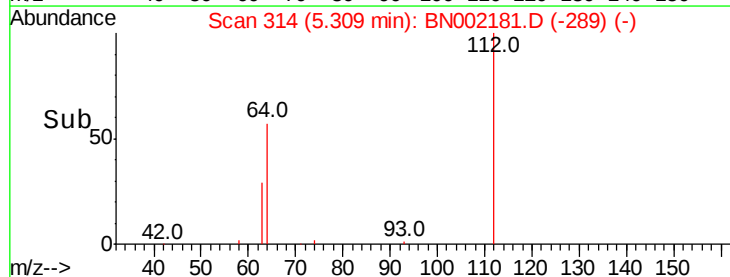
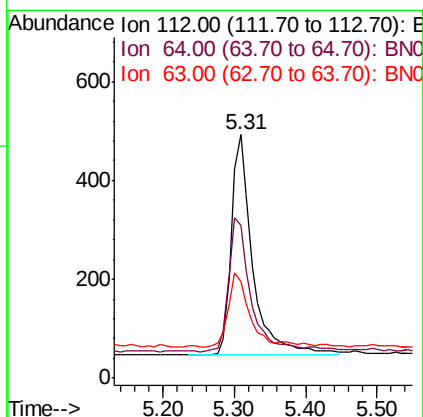
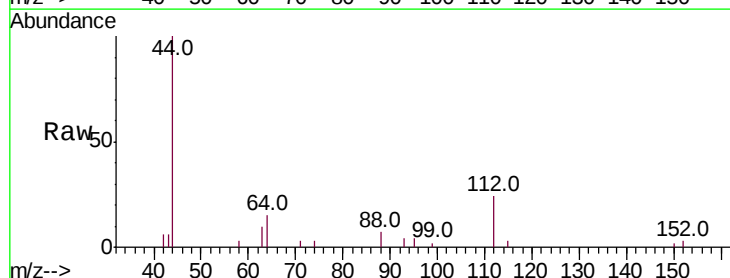
Tot Ion: 42 Resp: 198
 Ion Ratio Lower Upper
 42 100
 74 124.7 88.0 132.0
 44 0.0 16.0 24.0#

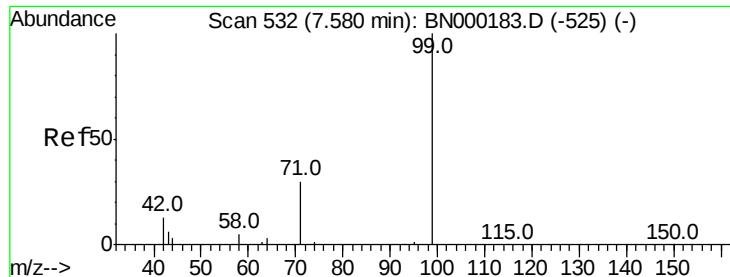


#4

2-Fluorophenol
 Concen: 0.122 ng
 RT: 5.31 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: BN002181.D
 Acq: 30 Jul 2018 11:26

Tgt Ion: 112 Resp: 933
 Ion Ratio Lower Upper
 112 100
 64 62.9 60.1 90.1
 63 31.2 116.8 175.2#





#5

Phenol-d6

Concen: 0.117 ng

RT: 6.88 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

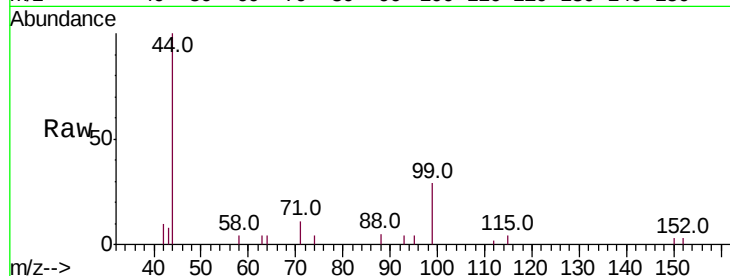
Tot Ion: 99 Resp: 1131

Ion Ratio Lower Upper

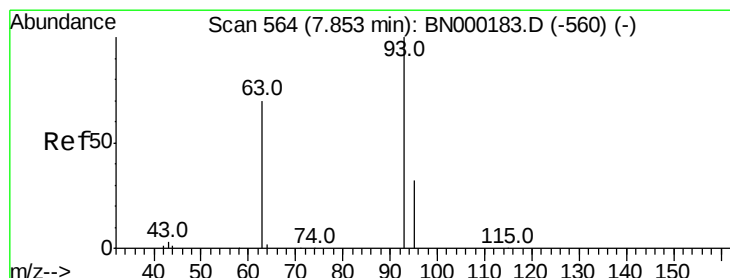
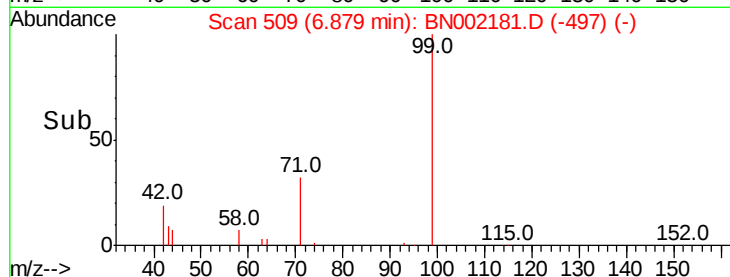
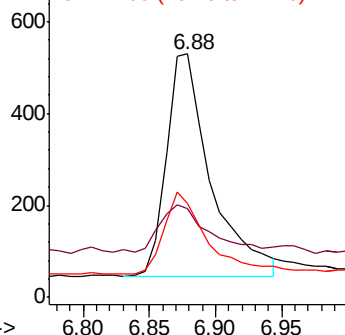
99 100

42 23.3 20.2 30.2

71 34.7 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: 0.084 ng

RT: 7.13 min Scan# 540

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

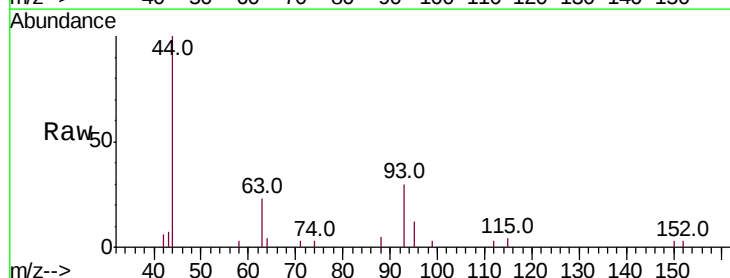
Tgt Ion: 93 Resp: 1031

Ion Ratio Lower Upper

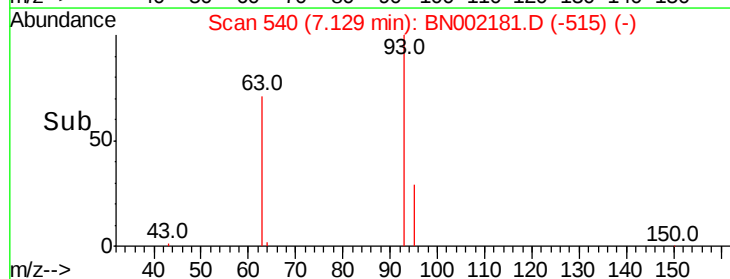
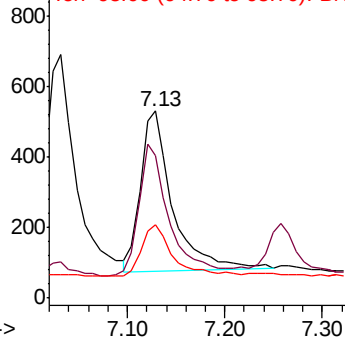
93 100

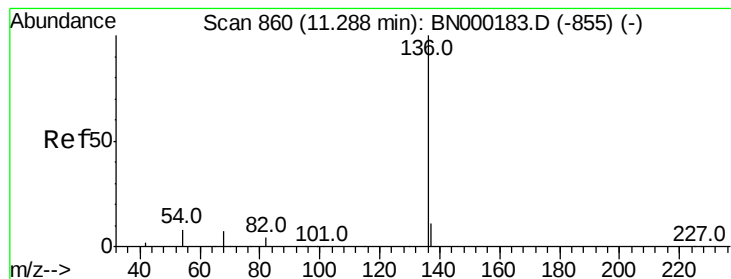
63 78.8 56.0 84.0

95 32.5 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: 10.46 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tot Ion:136 Resp: 14363

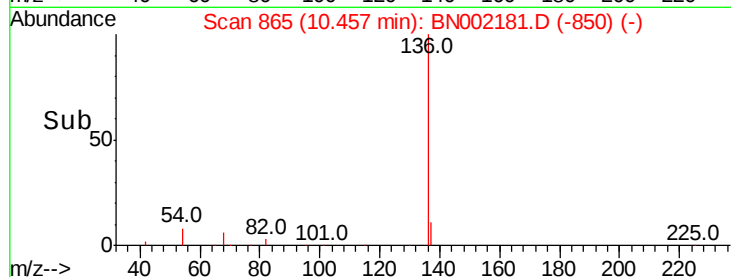
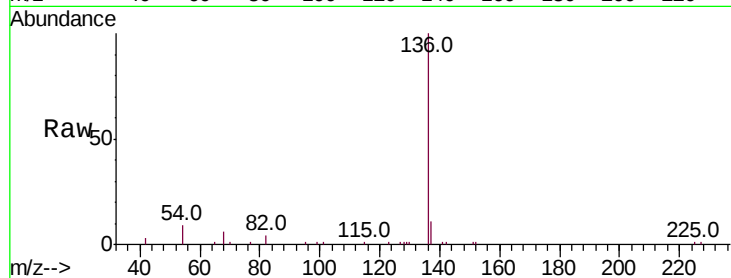
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 8.9 29.1 43.7#

68 6.2 6.2 9.2

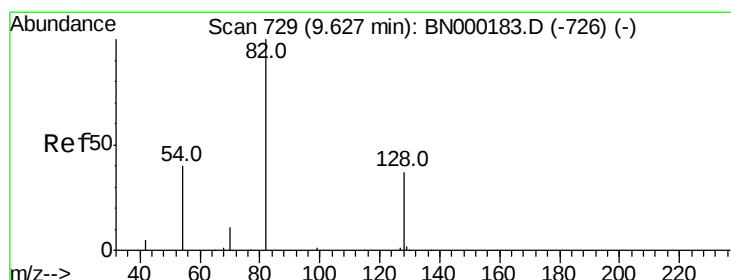
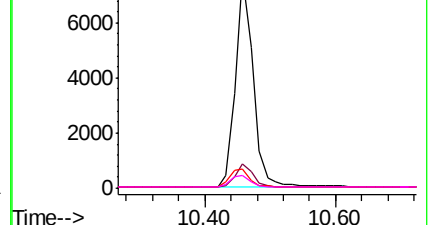


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.132 ng

RT: 8.85 min Scan# 738

Delta R.T. 0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

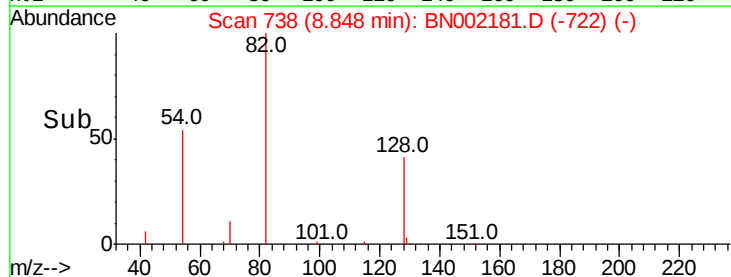
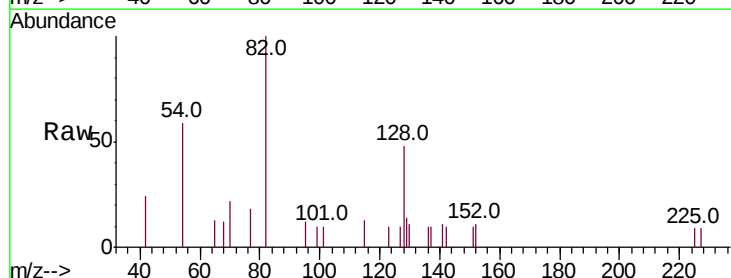
Tgt Ion: 82 Resp: 1121

Ion Ratio Lower Upper

82 100

128 48.4 150.0 225.0#

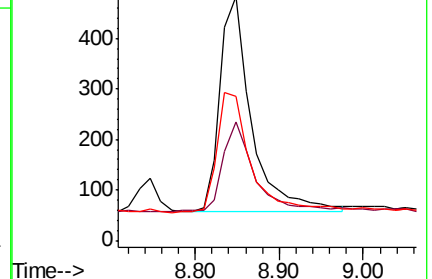
54 59.0 154.2 231.4#

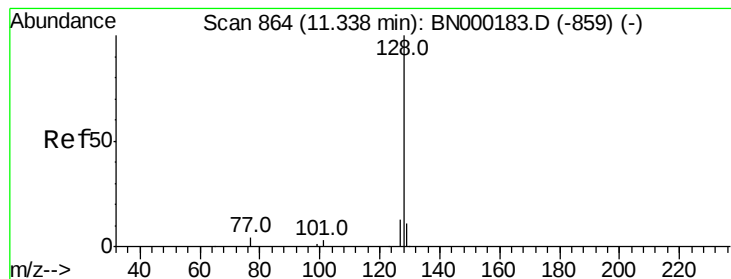


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.083 ng

RT: 10.51 min Scan# 869

Delta R.T. -0.01 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

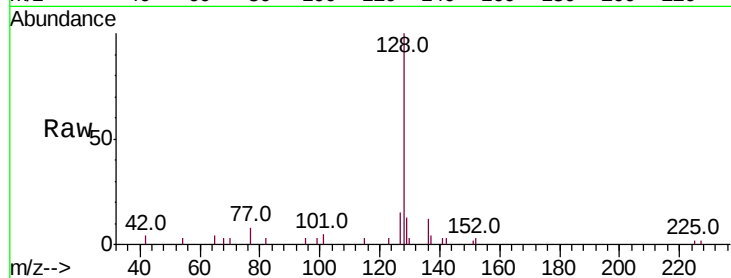
Tot Ion:128 Resp: 3470

Ion Ratio Lower Upper

128 100

129 13.2 8.0 12.0#

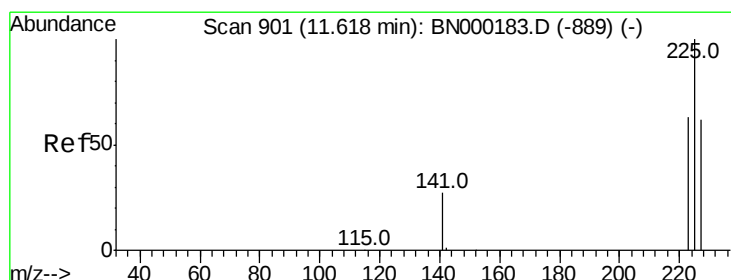
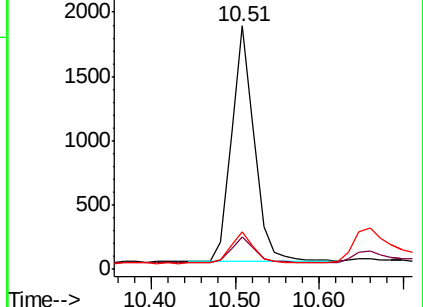
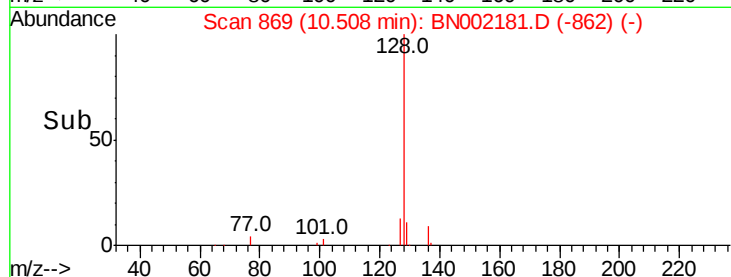
127 15.2 9.6 14.4#



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: 0.109 ng

RT: 10.80 min Scan# 892

Delta R.T. 0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

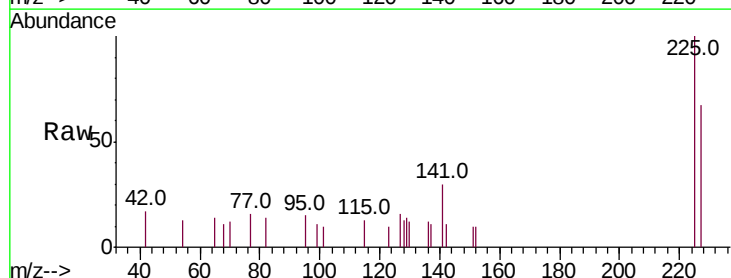
Tgt Ion:225 Resp: 775

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

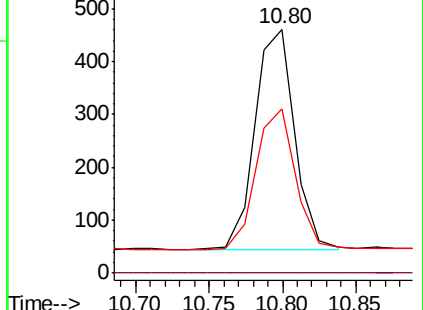
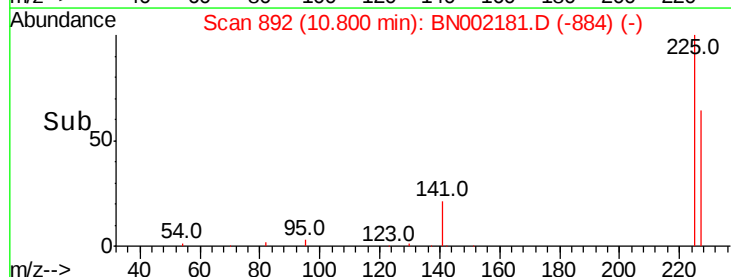
227 63.7 48.0 72.0

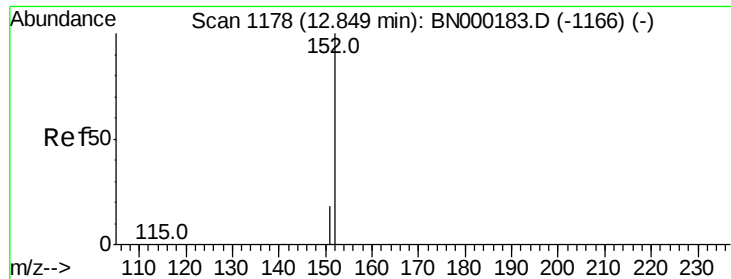


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

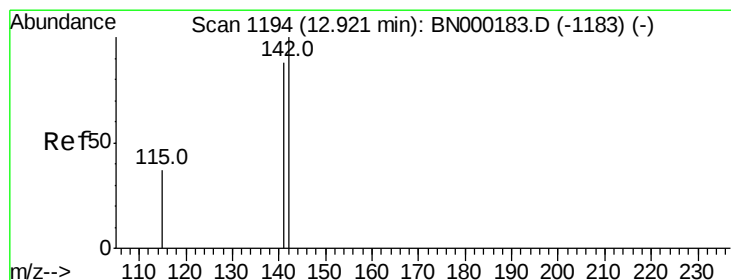
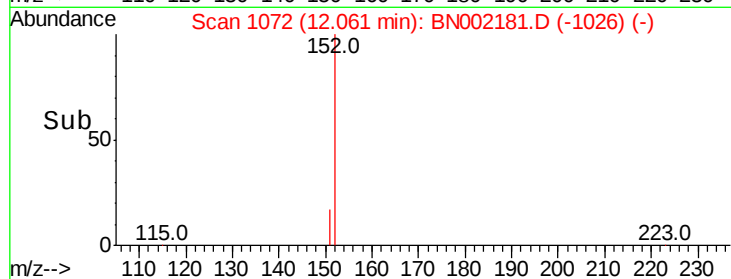
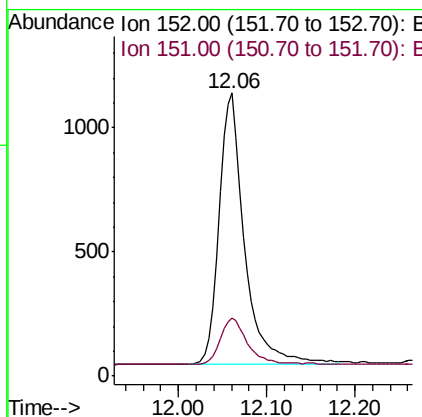
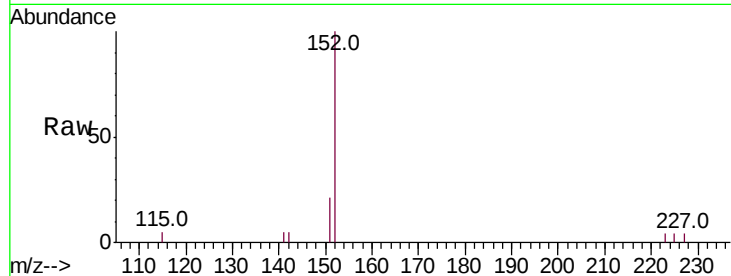




#11
2-Methylnaphthalene-d10
Concen: 0.103 ng
RT: 12.06 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

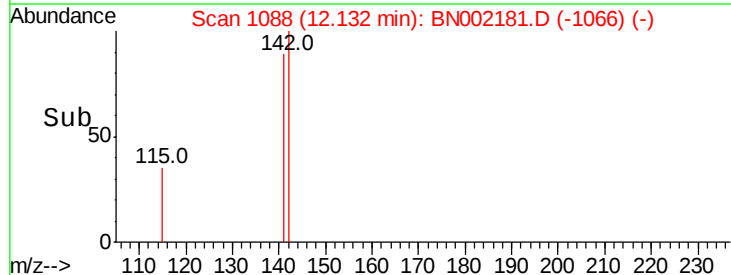
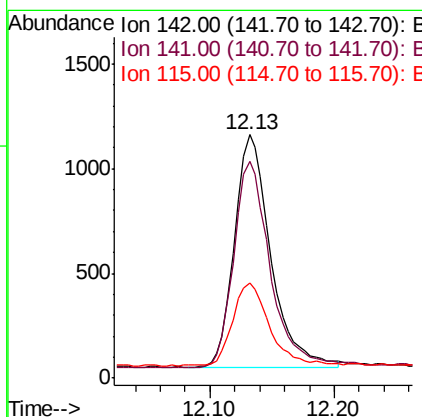
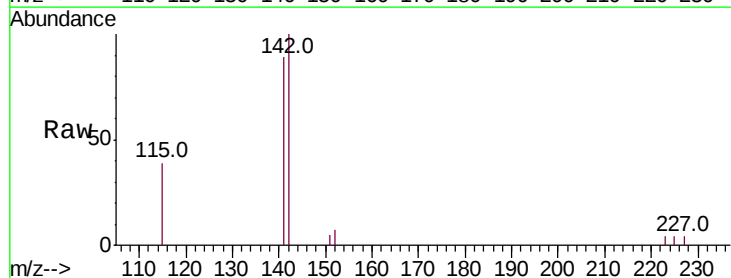
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

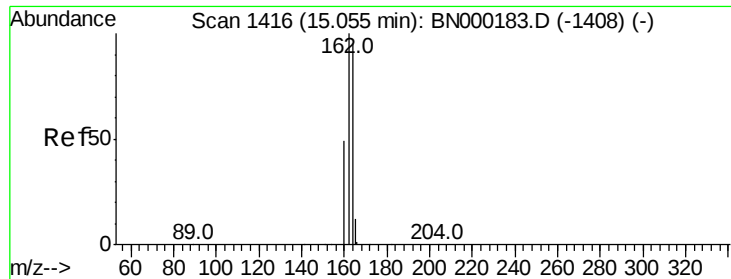
Tot Ion:152 Resp: 2221
Ion Ratio Lower Upper
152 100
151 18.3 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.082 ng
RT: 12.13 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

Tgt Ion:142 Resp: 2248
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6
115 38.9 31.7 47.5

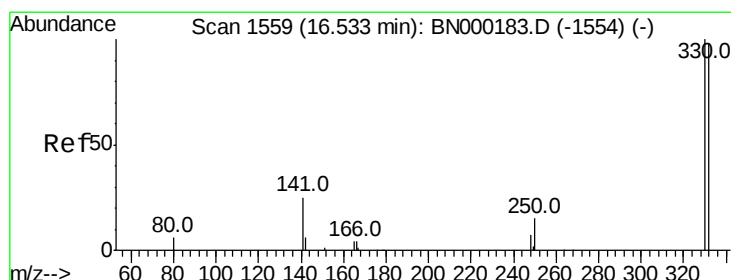
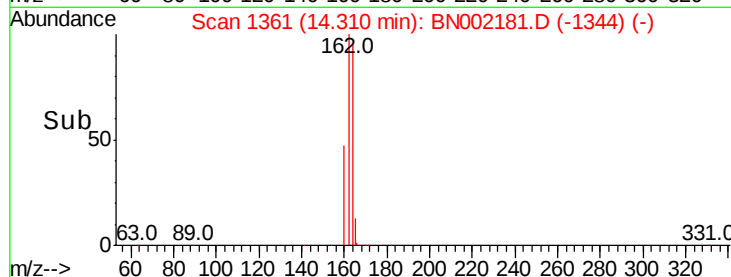
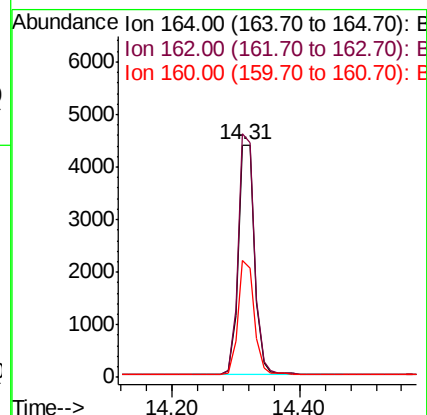
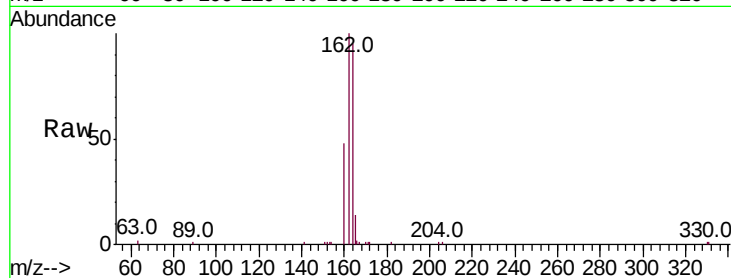




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

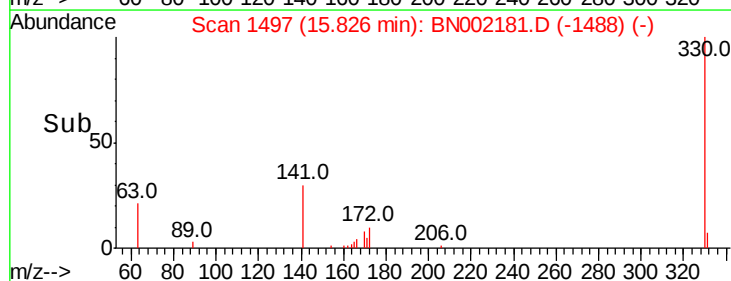
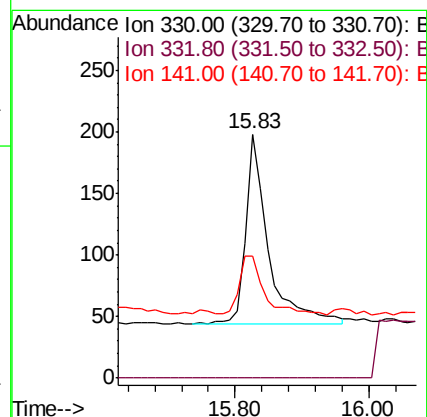
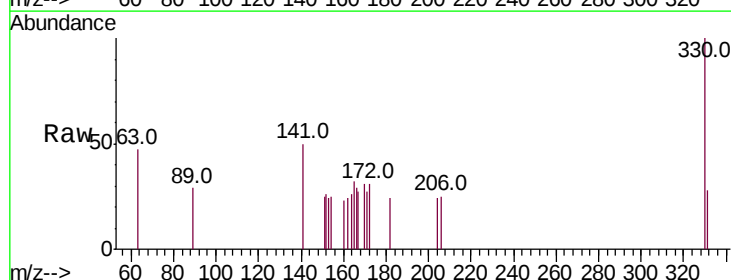
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

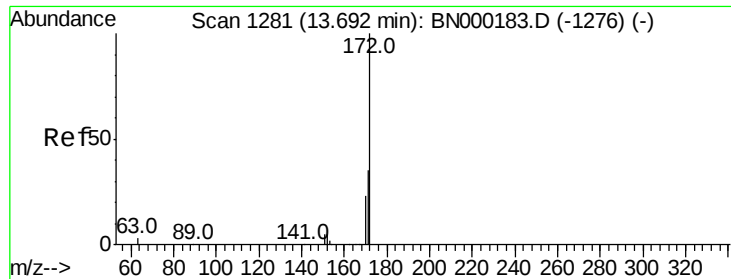
Tot Ion:164 Resp: 7912
Ion Ratio Lower Upper
164 100
162 104.8 83.1 124.7
160 50.3 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.143 ng
RT: 15.83 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

Tgt Ion:330 Resp: 358
Ion Ratio Lower Upper
330 100
332 0.0 152.7 229.1#
141 34.4 33.7 50.5

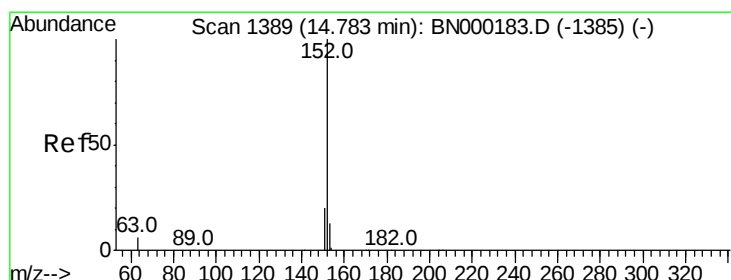
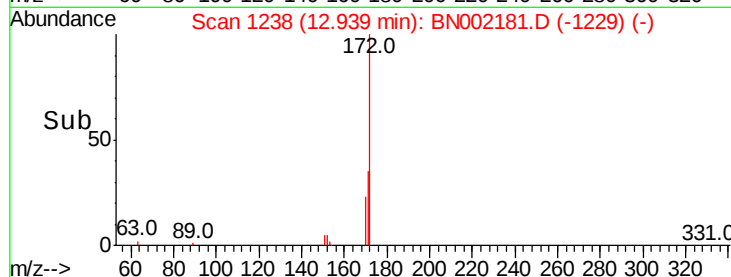
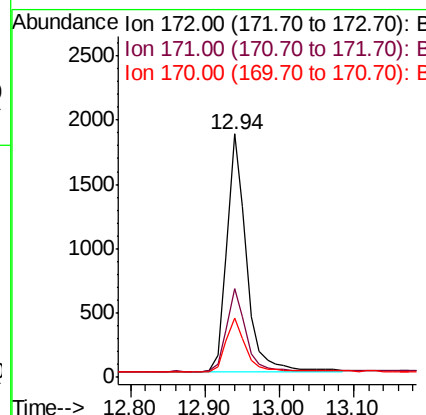
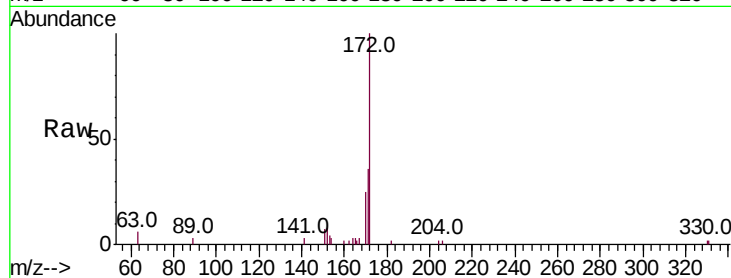




#15
2-Fluorobiphenyl
Concen: 0.090 ng
RT: 12.94 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

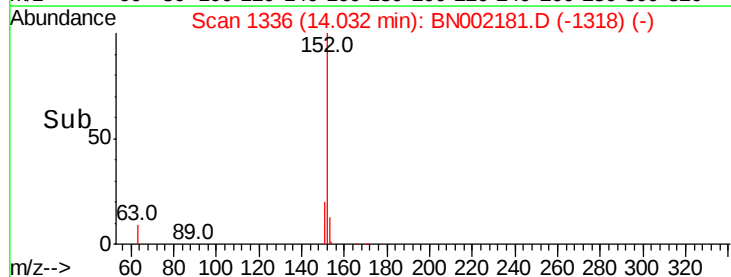
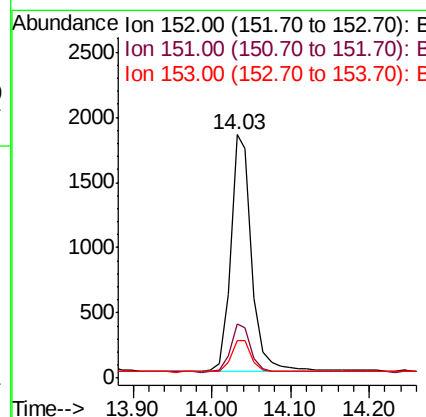
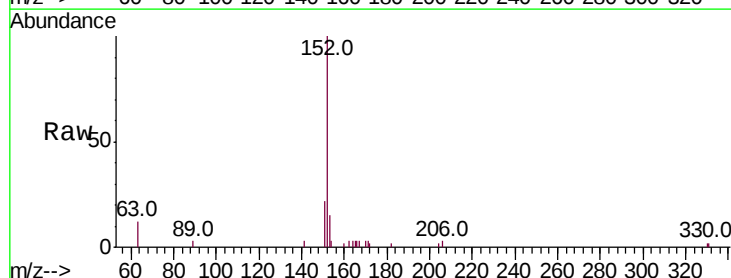
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

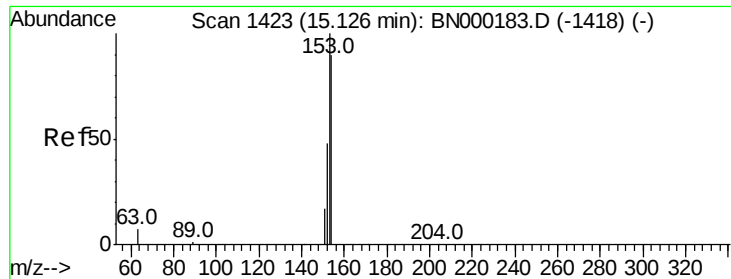
Tot Ion:172 Resp: 3369
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 24.6 21.8 32.8



#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

Tgt Ion:152 Resp: 3418
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.077 ng

RT: 14.38 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

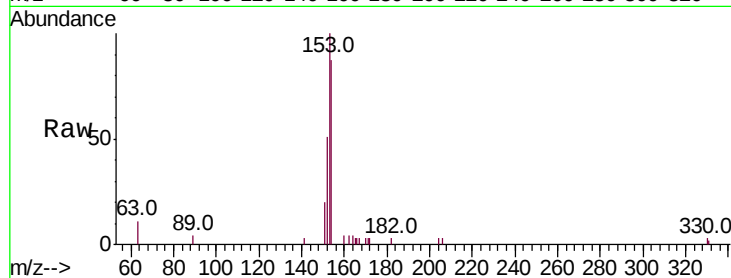
Tot Ion:154 Resp: 2273

Ion Ratio Lower Upper

154 100

153 115.7 89.2 133.8

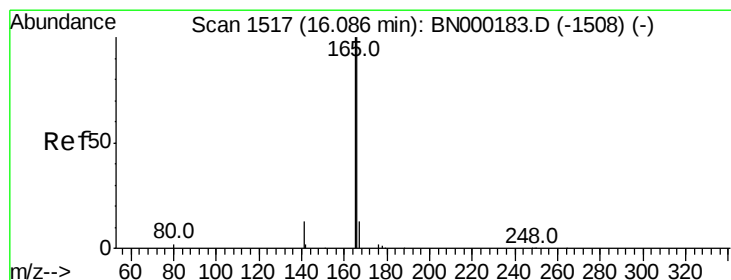
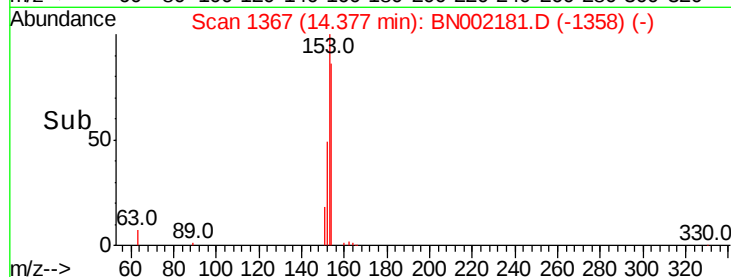
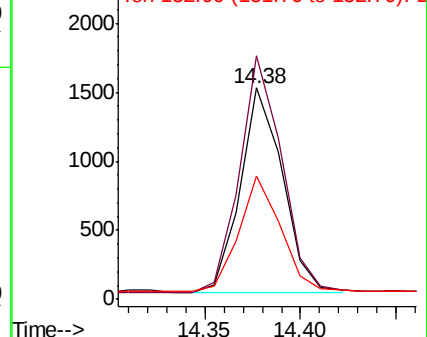
152 56.2 42.0 63.0



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: 0.077 ng

RT: 15.37 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

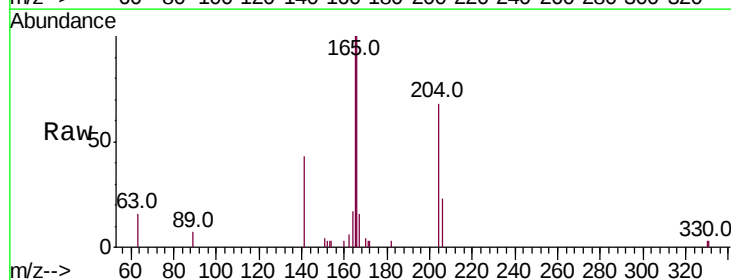
Tgt Ion:166 Resp: 2835

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.6

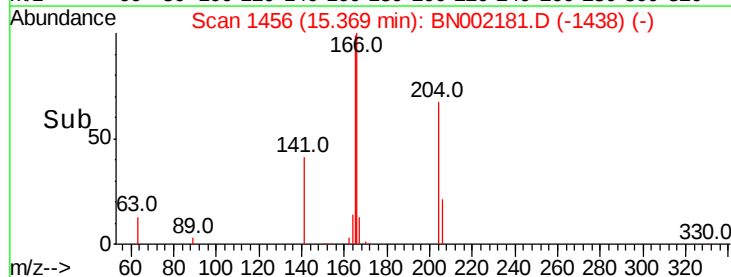
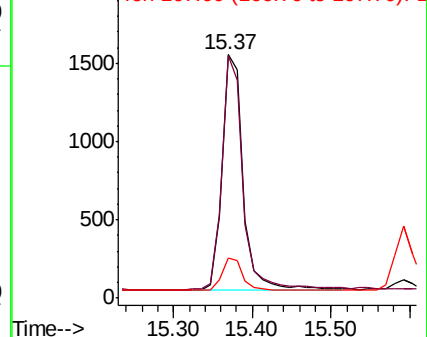
167 13.3 42.4 63.6#

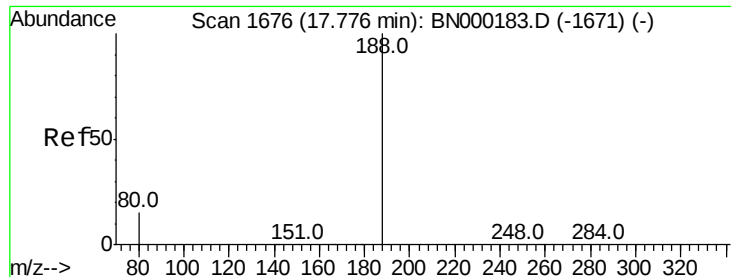


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

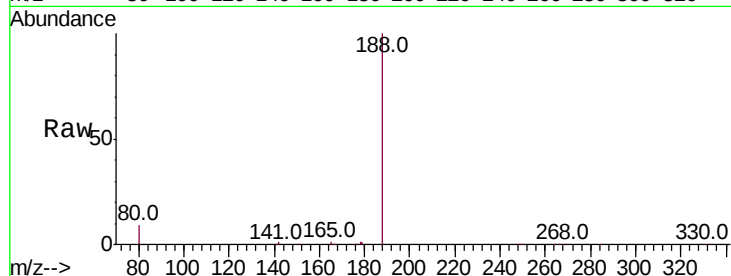
Tot Ion:188 Resp: 19004

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

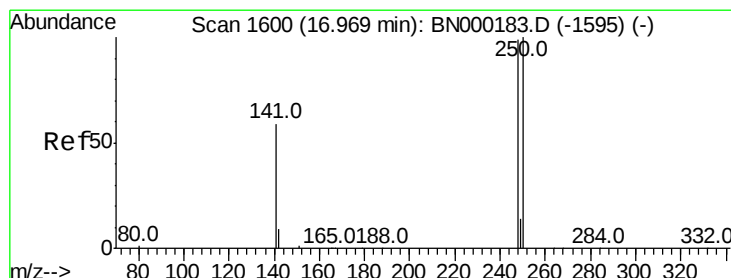
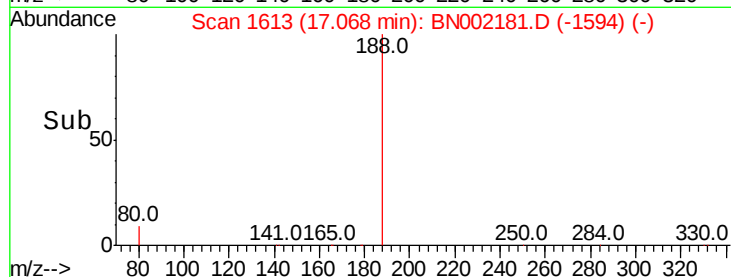
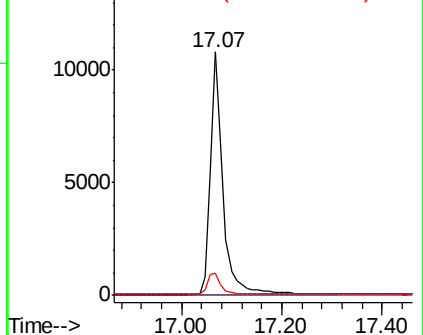
80 9.4 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.095 ng

RT: 16.27 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

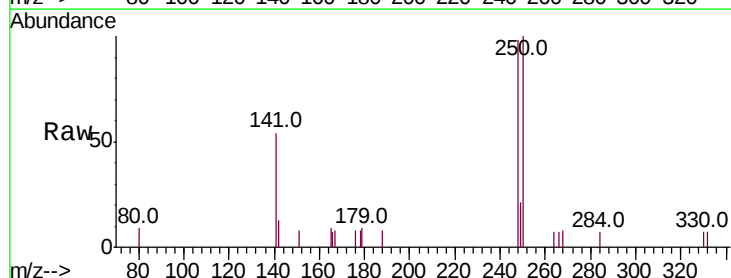
Tgt Ion:248 Resp: 1043

Ion Ratio Lower Upper

248 100

250 102.2 62.7 94.1#

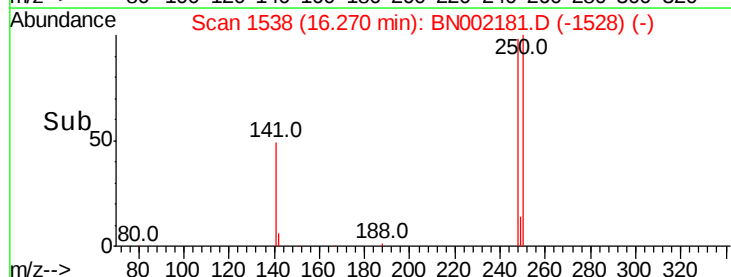
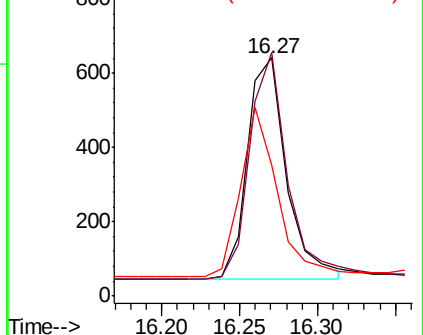
141 54.7 48.2 72.2

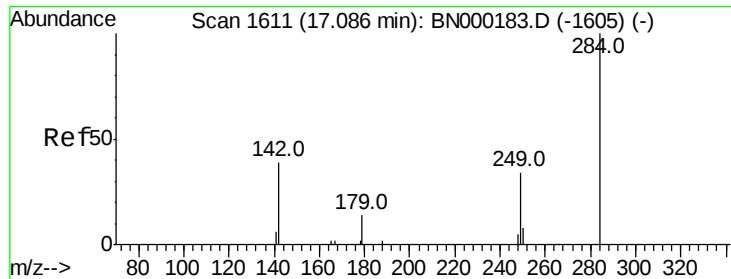


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

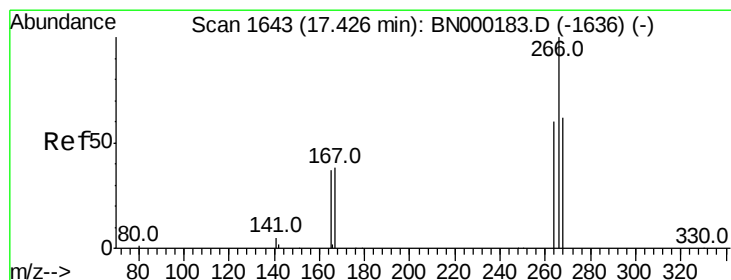
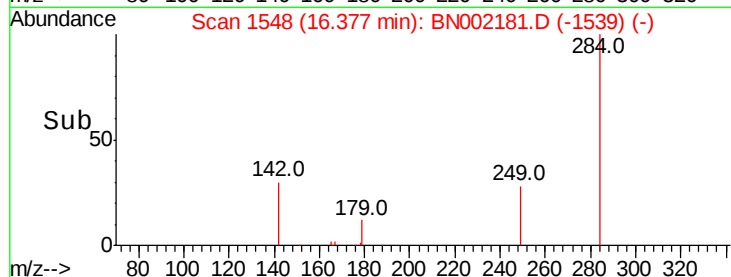
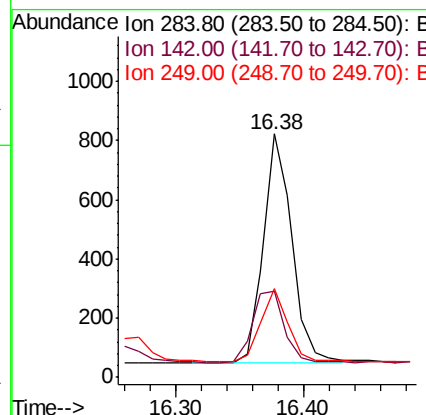
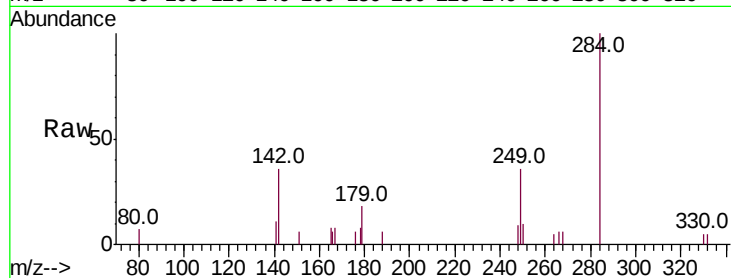




#21
Hexachlorobenzene
Concen: 0.083 ng
RT: 16.38 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

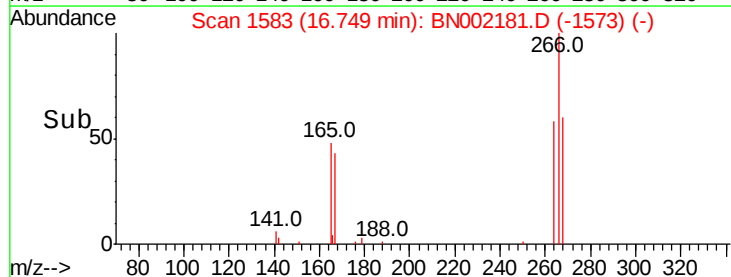
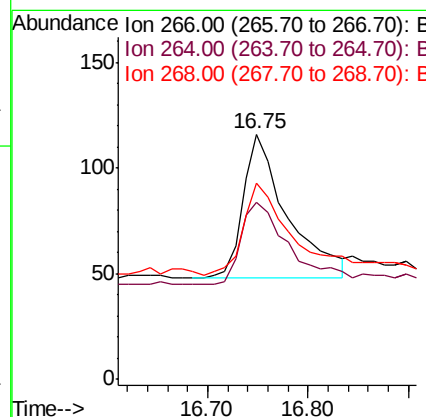
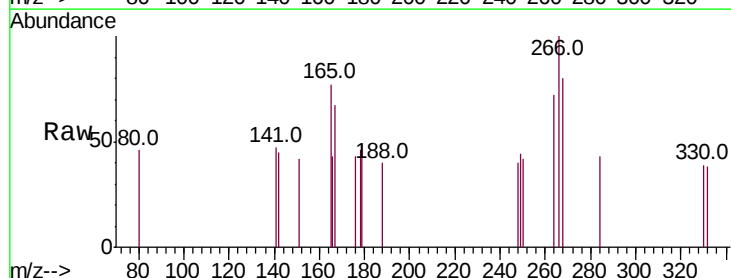
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

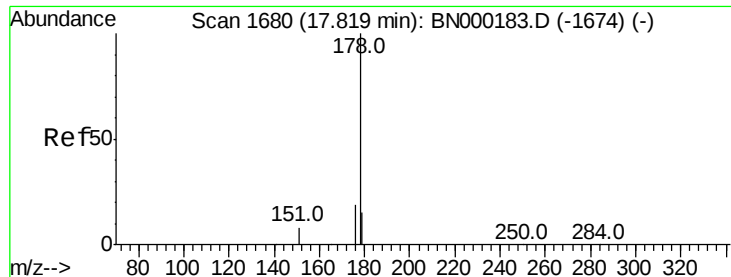
Tot Ion:284 Resp: 1215
Ion Ratio Lower Upper
284 100
142 35.1 32.0 48.0
249 29.7 24.0 36.0



#22
Pentachlorophenol
Concen: 0.053 ng
RT: 16.75 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

Tgt Ion:266 Resp: 207
Ion Ratio Lower Upper
266 100
264 72.4 48.0 72.0#
268 80.2 52.0 78.0#





#23

Phenanthrene

Concen: 0.074 ng

RT: 17.11 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

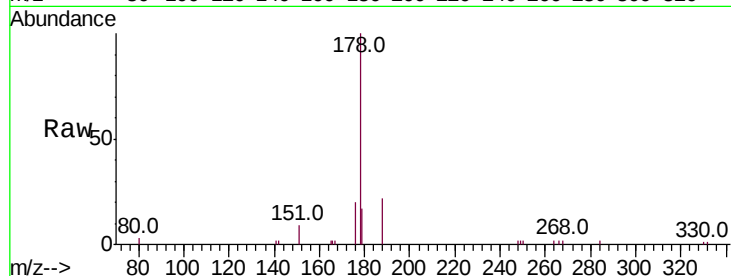
Tot Ion:178 Resp: 4922

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

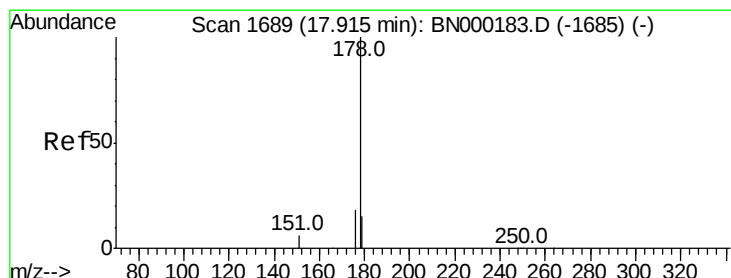
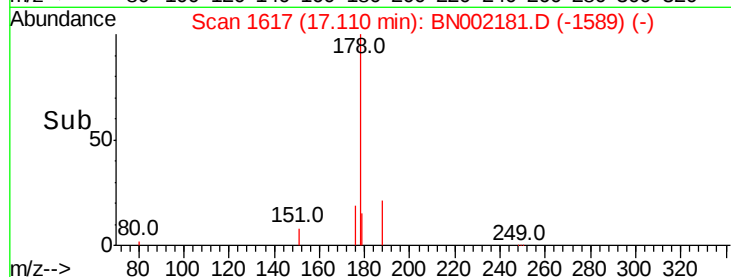
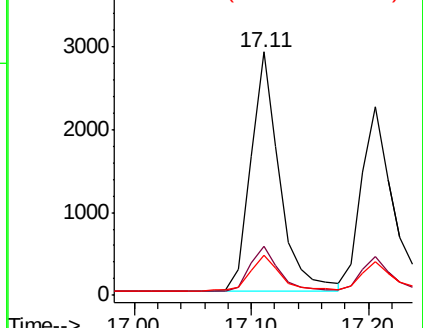
179 15.6 11.8 17.6



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: 0.073 ng

RT: 17.21 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

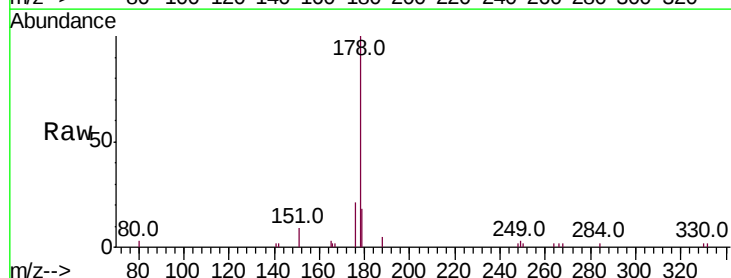
Tgt Ion:178 Resp: 3726

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

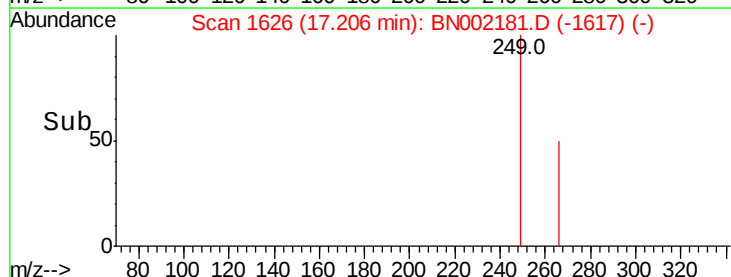
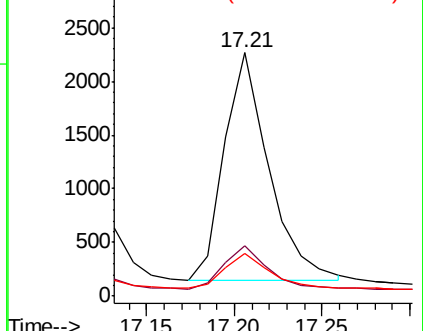
179 15.4 13.0 19.6

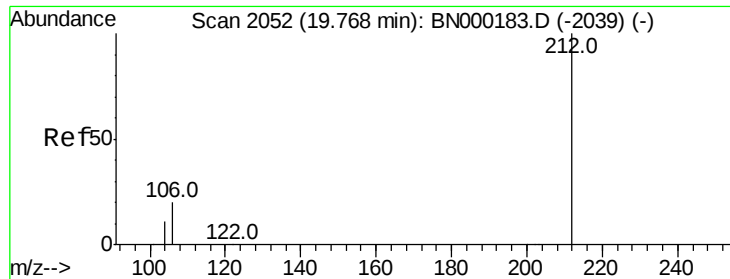


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

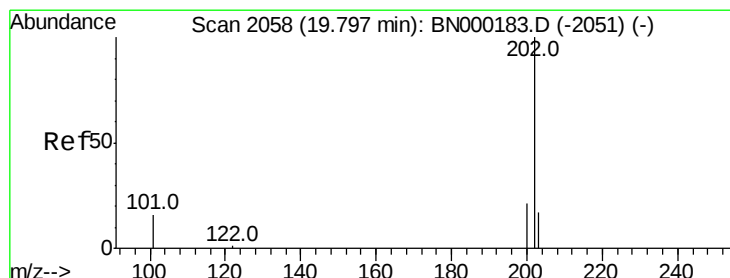
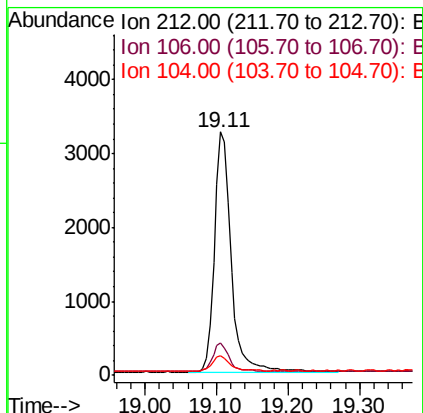
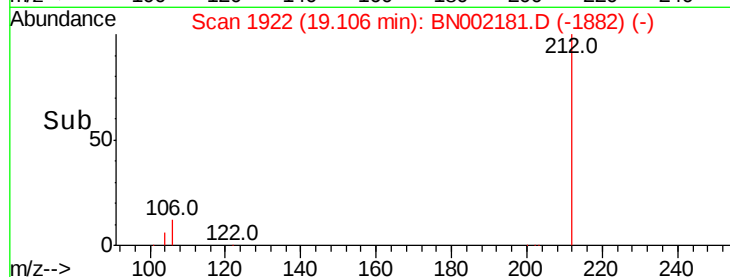
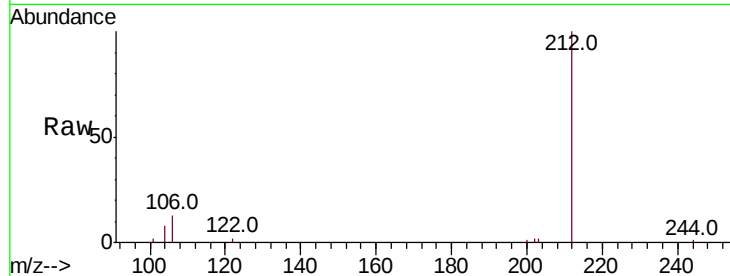




#25
Fluoranthene-d10
Concen: 0.102 ng
RT: 19.11 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

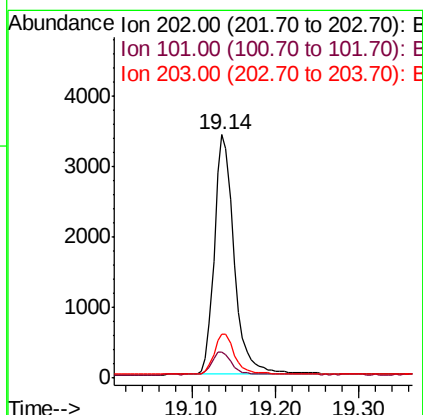
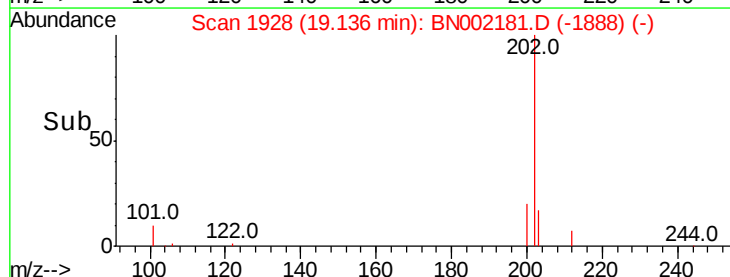
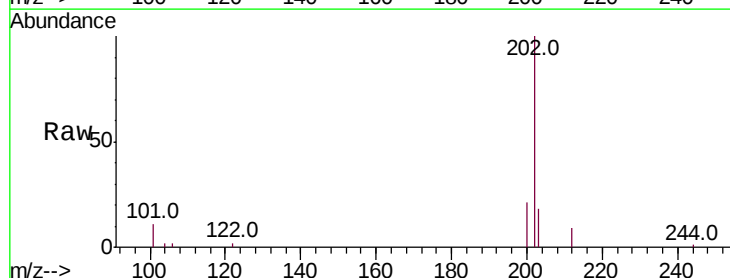
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

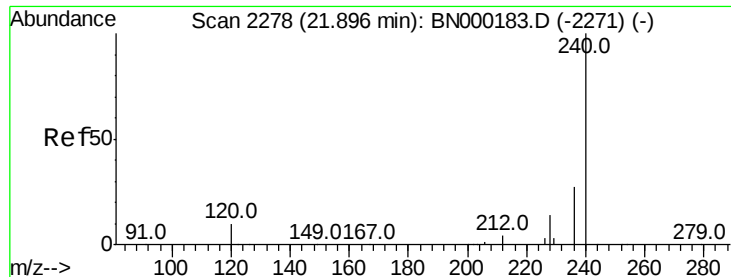
Tot Ion:212 Resp: 5200
Ion Ratio Lower Upper
212 100
106 11.4 2.8 4.2#
104 6.4 1.6 2.4#



#26
Fluoranthene
Concen: 0.081 ng
RT: 19.14 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

Tgt Ion:202 Resp: 5617
Ion Ratio Lower Upper
202 100
101 9.6 9.8 14.8#
203 17.2 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

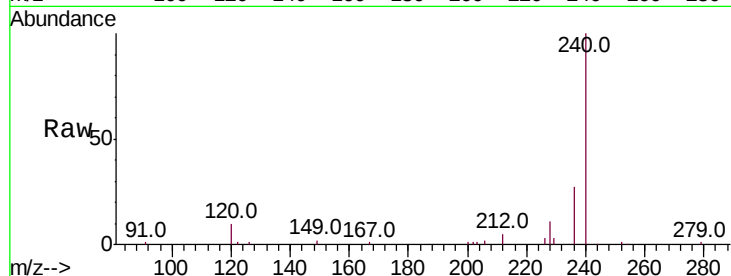
Tot Ion:240 Resp: 18589

Ion Ratio Lower Upper

240 100

120 10.2 5.5 8.3#

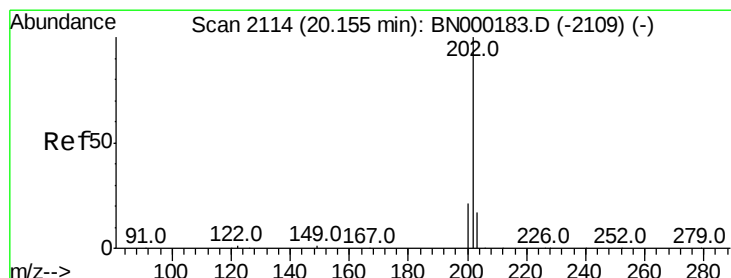
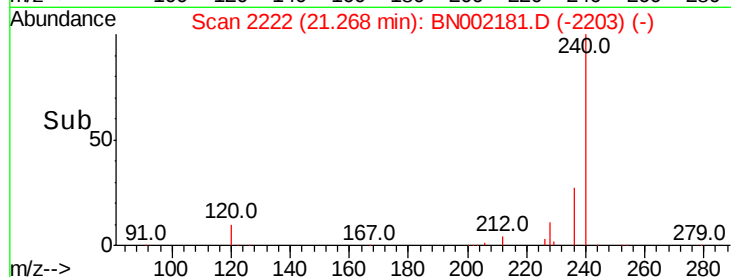
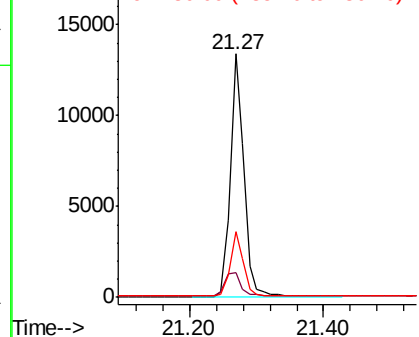
236 26.9 20.7 31.1



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: 0.080 ng

RT: 19.50 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

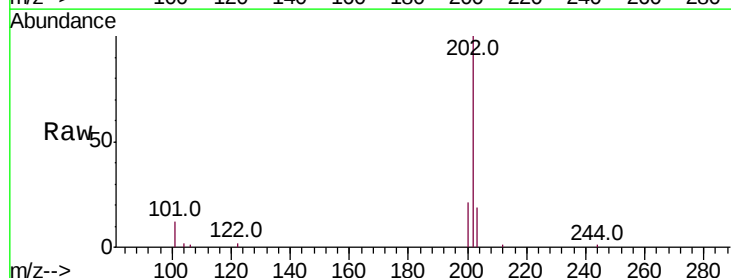
Tgt Ion:202 Resp: 5821

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

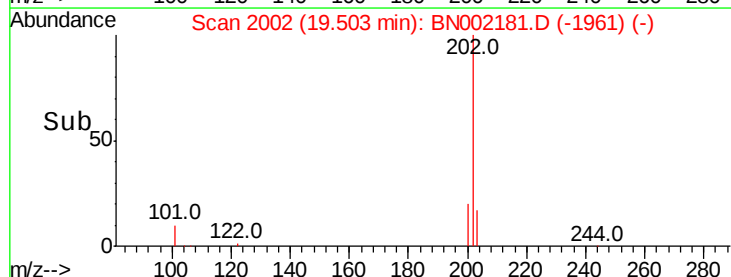
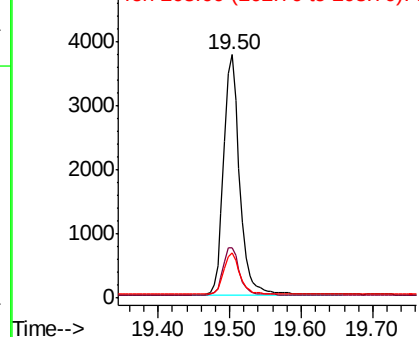
203 17.2 13.8 20.8

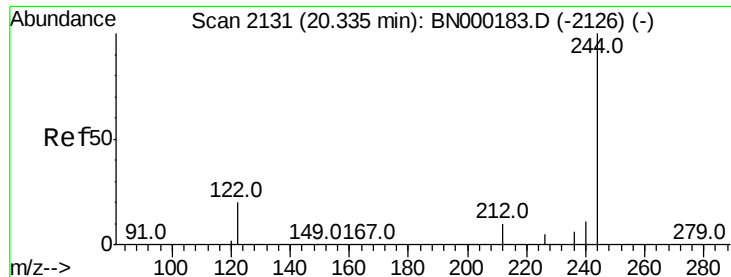


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.142 ng

RT: 19.71 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

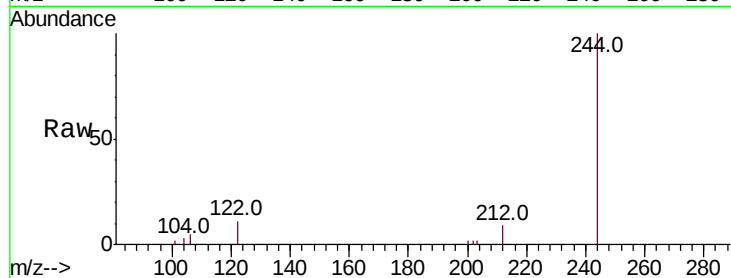
Tot Ion:244 Resp: 4644

Ion Ratio Lower Upper

244 100

212 8.8 25.4 38.0#

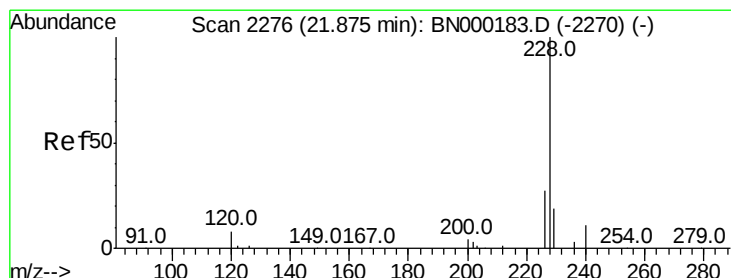
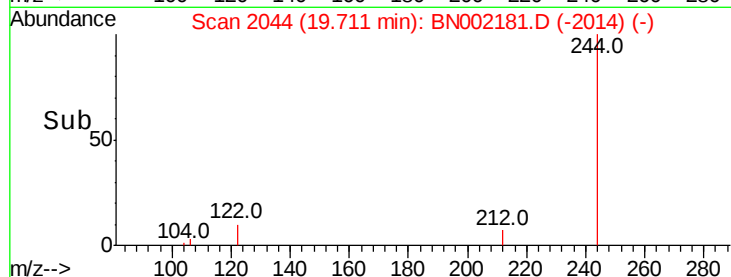
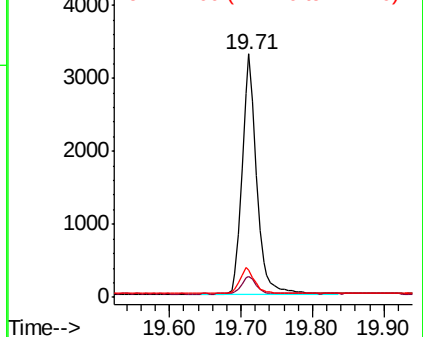
122 11.4 8.1 12.1



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: 0.086 ng

RT: 21.26 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

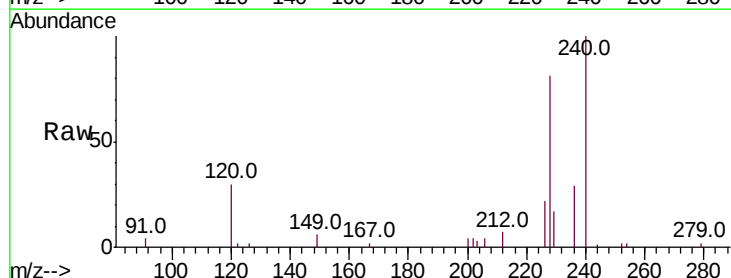
Tgt Ion:228 Resp: 5060

Ion Ratio Lower Upper

228 100

226 27.1 24.0 36.0

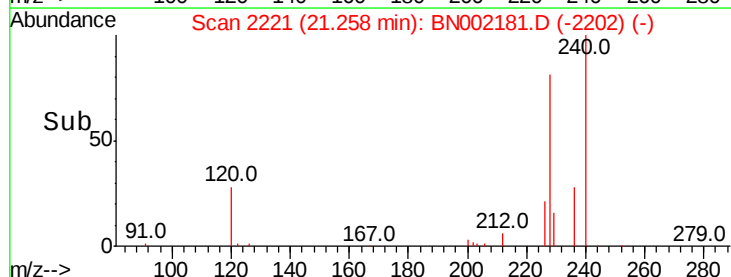
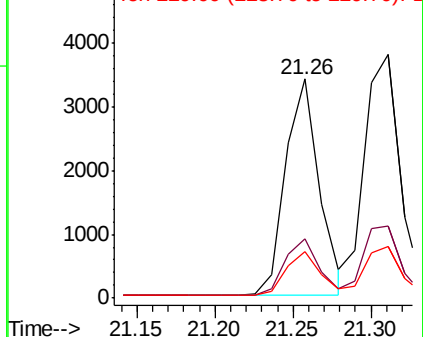
229 21.1 16.0 24.0

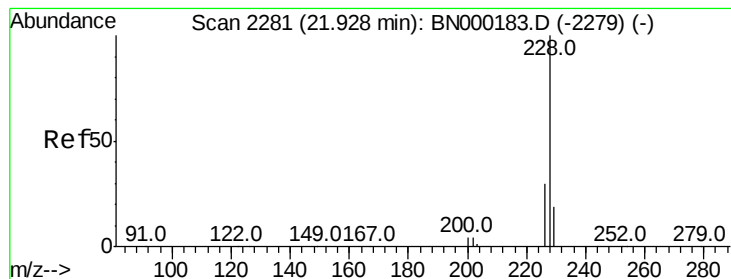


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.088 ng

RT: 21.31 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

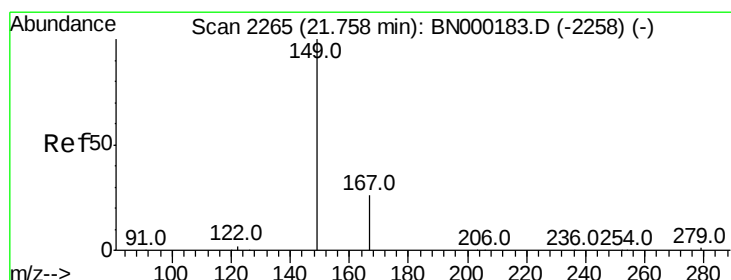
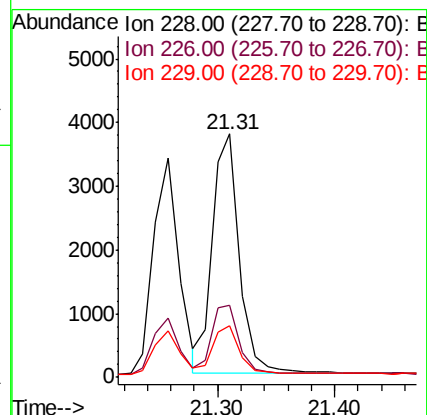
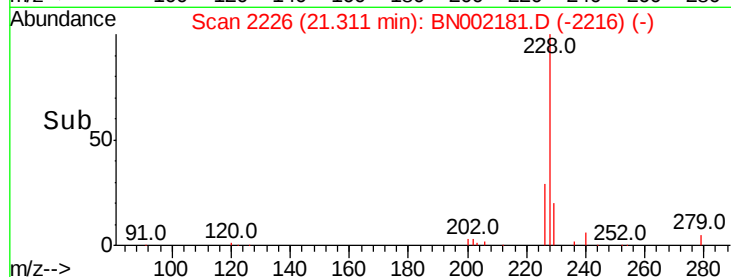
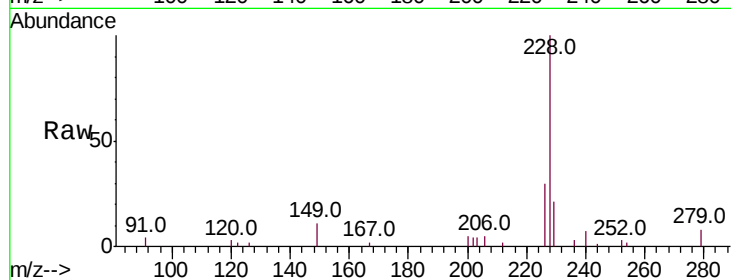
BNA_N

ClientSampleId :

SSTDICC0.1

Tot Ion:228 Resp: 6038

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.2	16.0	24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.121 ng

RT: 21.18 min Scan# 2214

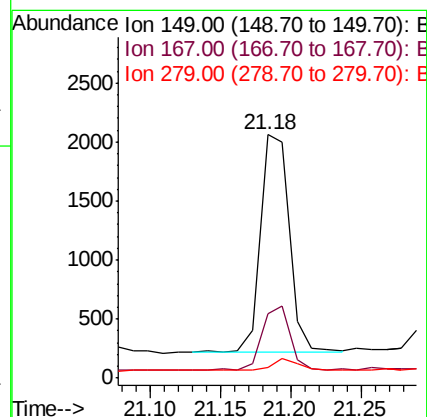
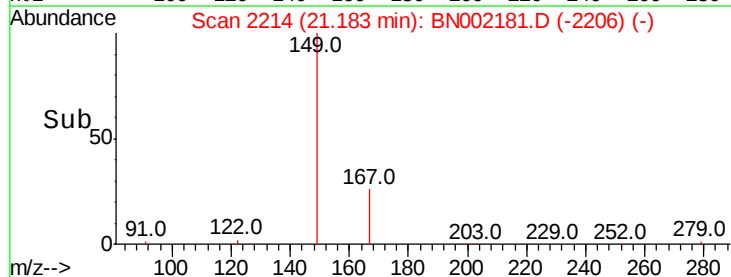
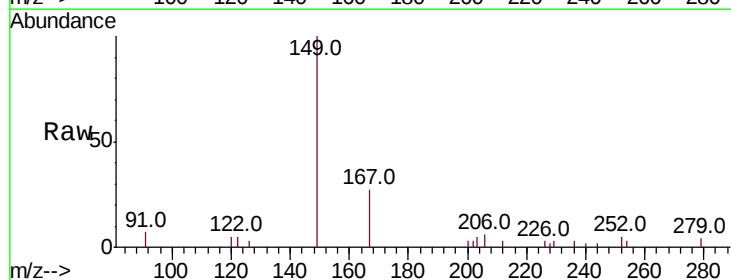
Delta R.T. -0.01 min

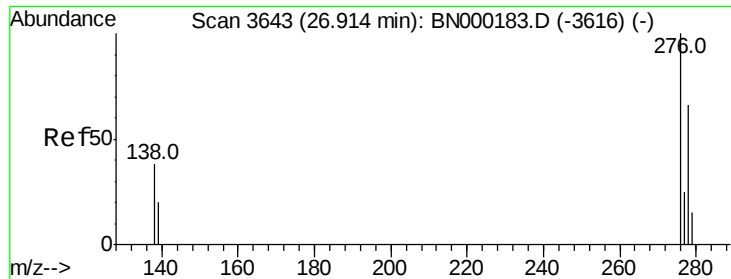
Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Tgt Ion:149 Resp: 2648

Ion	Ratio	Lower	Upper
149	100		
167	28.4	20.0	30.0
279	4.5	1.6	2.4





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.079 ng

RT: 25.73 min Scan# 3302

Delta R.T. 0.01 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

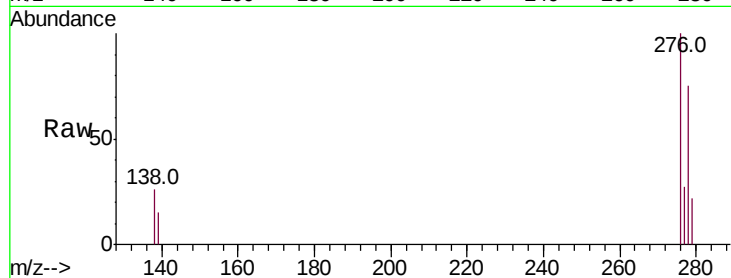
Tot Ion:276 Resp: 5017

Ion Ratio Lower Upper

276 100

138 21.7 22.5 33.7#

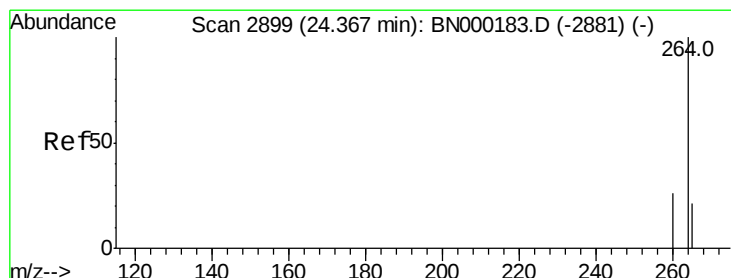
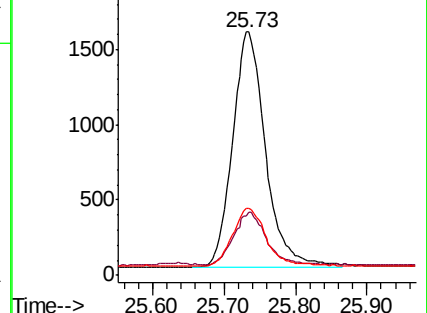
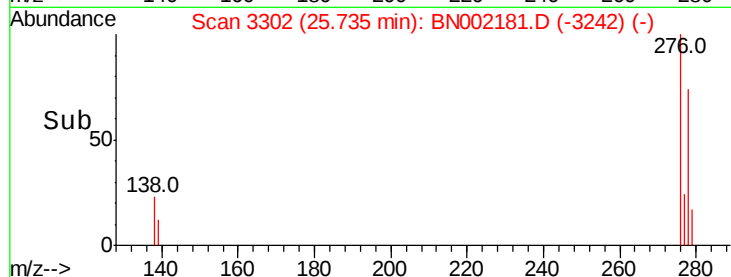
277 25.5 19.9 29.9



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: 23.50 min Scan# 2649

Delta R.T. -0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

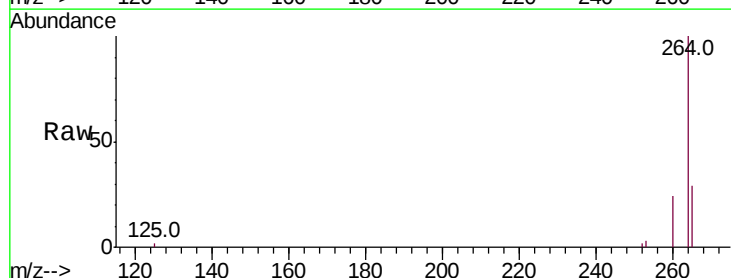
Tgt Ion:264 Resp: 16296

Ion Ratio Lower Upper

264 100

260 24.3 20.5 30.7

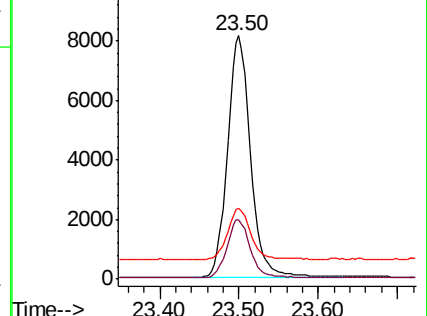
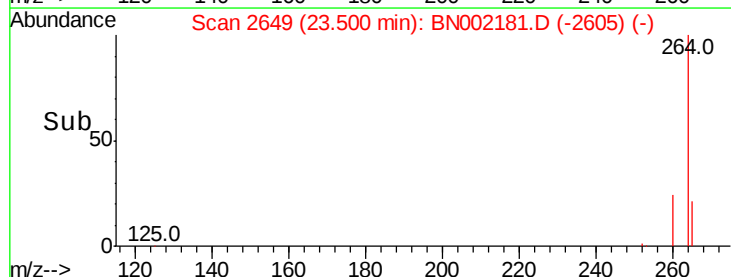
265 28.9 22.8 34.2

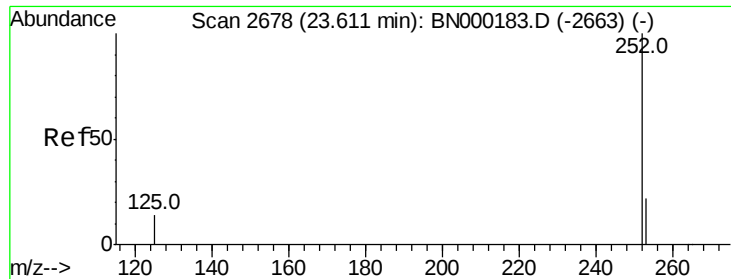


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.071 ng

RT: 22.84 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

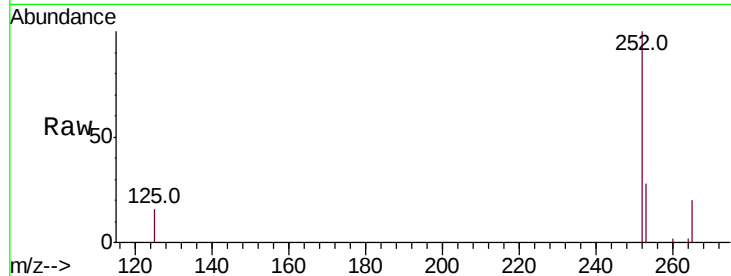
Tot Ion:252 Resp: 5314

Ion Ratio Lower Upper

252 100

253 27.7 20.0 30.0

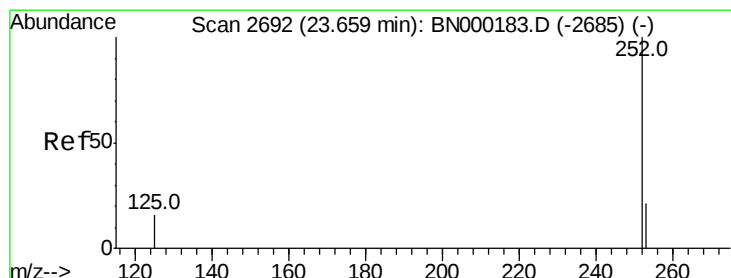
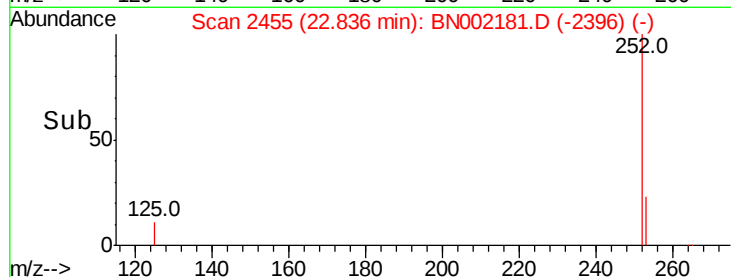
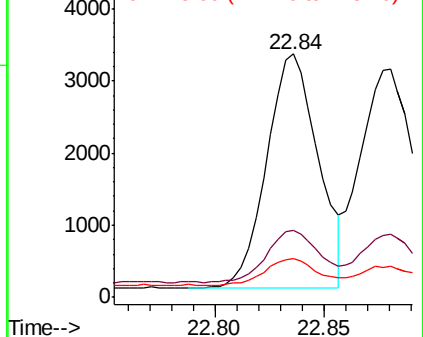
125 15.9 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.077 ng

RT: 22.88 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

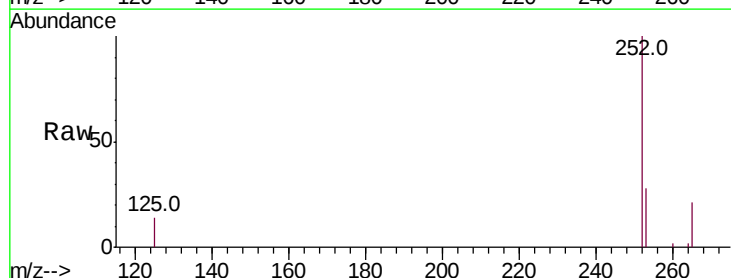
Tgt Ion:252 Resp: 5587

Ion Ratio Lower Upper

252 100

253 27.8 16.0 24.0#

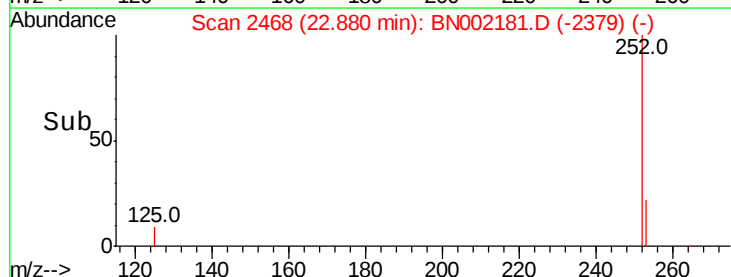
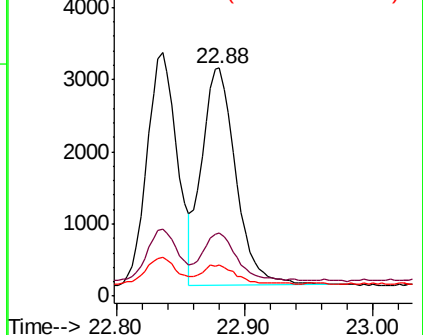
125 13.7 8.0 12.0#

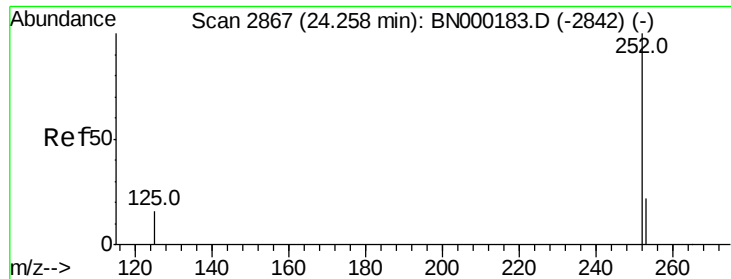


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

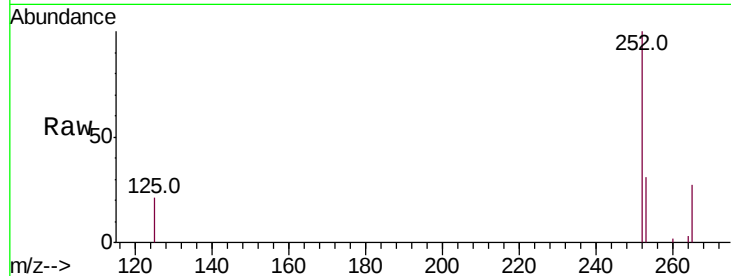




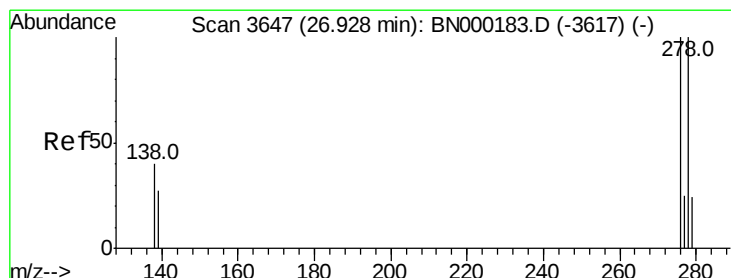
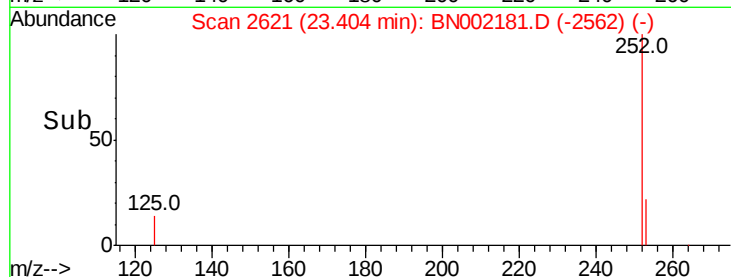
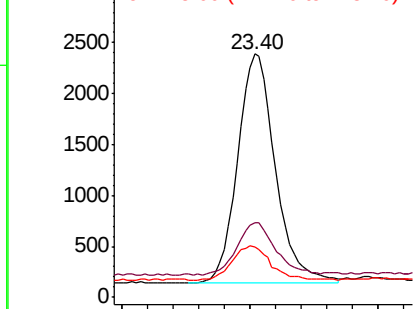
#37
Benzo(a)pyrene
Concen: 0.076 ng
RT: 23.40 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:252 Resp: 4626
Ion Ratio Lower Upper
252 100
253 30.7 16.0 24.0#
125 20.6 12.0 18.0#

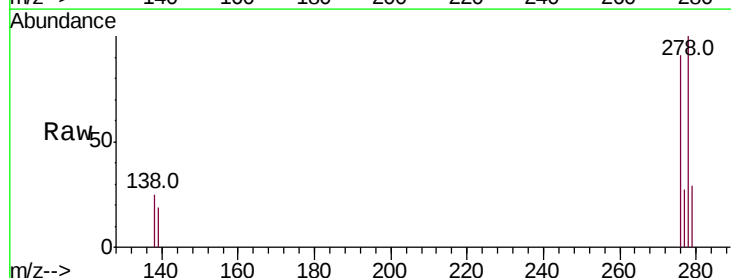


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

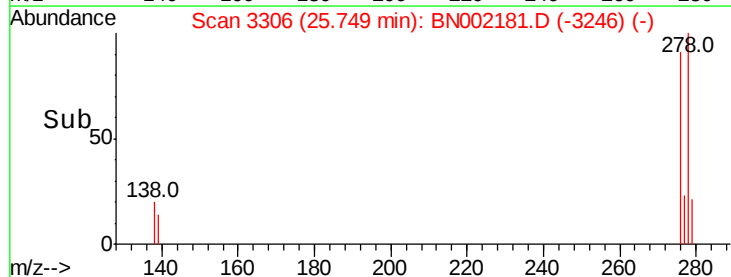
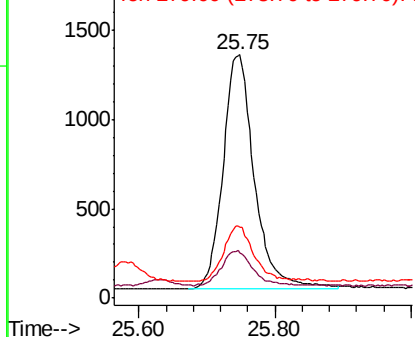


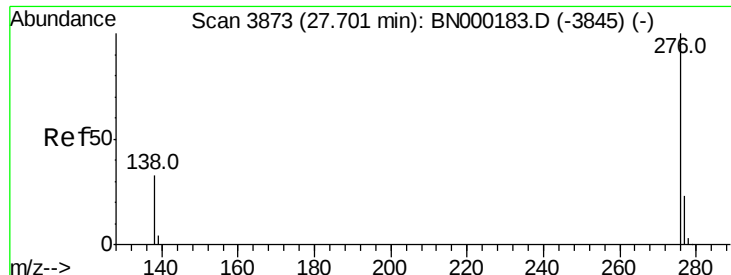
#38
Dibenzo(a,h)anthracene
Concen: 0.077 ng
RT: 25.75 min Scan# 3306
Delta R.T. 0.01 min
Lab File: BN002181.D
Acq: 30 Jul 2018 11:26

Tgt Ion:278 Resp: 4169
Ion Ratio Lower Upper
278 100
139 18.8 16.0 24.0
279 29.2 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(a,h,i)perylene

Concen: 0.068 ng

RT: 26.41 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BN002181.D

Acq: 30 Jul 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

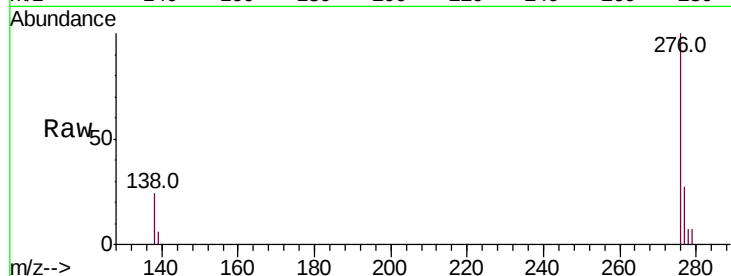
Tot Ion:276 Resp: 4347

Ion Ratio Lower Upper

276 100

277 27.2 16.0 24.0#

138 23.7 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

