

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002182.D
 Acq On : 30 Jul 2018 12:12
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jul 30 14:14:54 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	3373	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	13485	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	7672	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	18407	0.40	ng	0.00
27) Chrysene-d12	21.27	240	16455	0.40	ng	0.00
34) Perylene-d12	23.50	264	13801	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2170	0.30	ng	0.00
5) Phenol-d6	6.87	99	2559	0.28	ng	0.00
8) Nitrobenzene-d5	8.84	82	2776	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	5447	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	878	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	8220	0.23	ng	0.00
25) Fluoranthene-d10	19.11	212	12794	0.26	ng	0.00
29) Terphenyl-d14	19.71	244	10387	0.36	ng	0.00

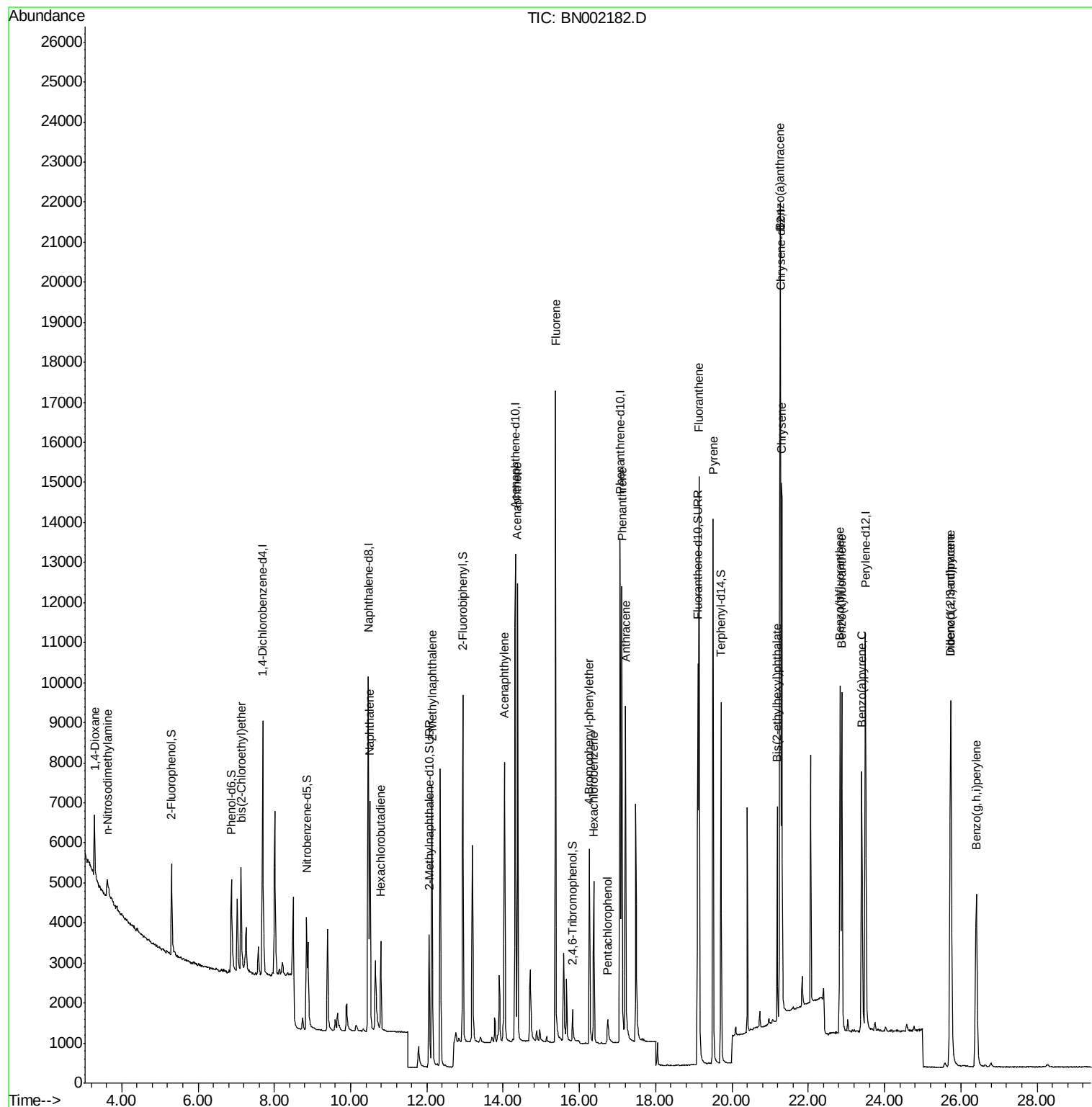
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1073	0.307	ng	91
3) n-Nitrosodimethylamine	3.62	42	590	0.248	ng	# 96
6) bis(2-Chloroethyl)ether	7.13	93	2422	0.211	ng	87
9) Naphthalene	10.50	128	8517	0.216	ng	# 94
10) Hexachlorobutadiene	10.79	225	1843	0.276	ng	# 55
12) 2-Methylnaphthalene	12.13	142	5691	0.220	ng	98
16) Acenaphthylene	14.03	152	8754	0.242	ng	100
17) Acenaphthene	14.38	154	5841	0.205	ng	96
18) Fluorene	15.37	166	7303	0.205	ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	2746	0.259	ng	# 78
21) Hexachlorobenzene	16.38	284	3124	0.220	ng	95
22) Pentachlorophenol	16.74	266	506	0.134	ng	89
23) Phenanthrene	17.11	178	12480	0.193	ng	99
24) Anthracene	17.21	178	10027	0.204	ng	96
26) Fluoranthene	19.14	202	13988	0.208	ng	# 97
28) Pyrene	19.50	202	14079	0.218	ng	100
30) Benzo(a)anthracene	21.26	228	11403	0.220	ng	96
31) Chrysene	21.31	228	12957	0.214	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	5510	0.286	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.73	276	11496	0.203	ng	# 94
35) Benzo(b)fluoranthene	22.84	252	11153	0.177	ng	# 92
36) Benzo(k)fluoranthene	22.88	252	11501	0.187	ng	# 92
37) Benzo(a)pyrene	23.40	252	10186	0.198	ng	# 92
38) Dibenzo(a,h)anthracene	25.74	278	9463	0.207	ng	96
39) Benzo(g,h,i)perylene	26.41	276	9836	0.182	ng	# 91

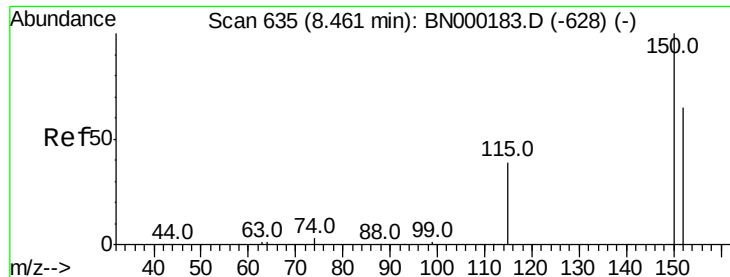
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

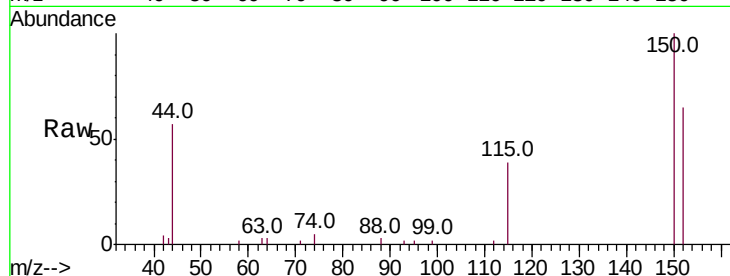
Tot Ion:152 Resp: 3373

Ion Ratio Lower Upper

152 100

150 154.8 117.2 175.8

115 60.9 57.0 85.6

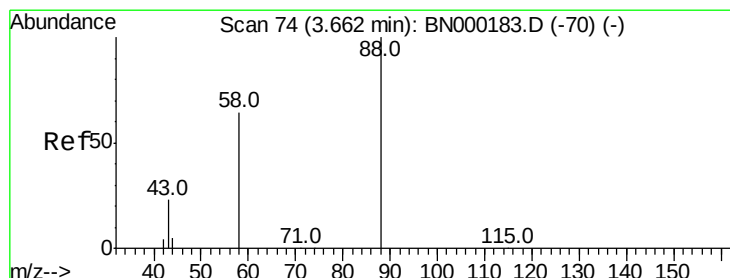
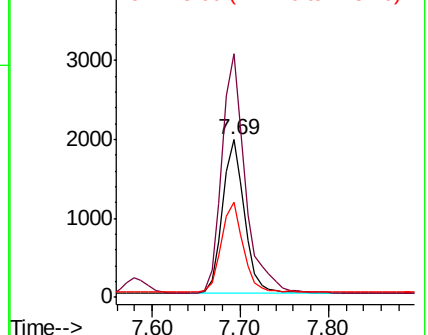
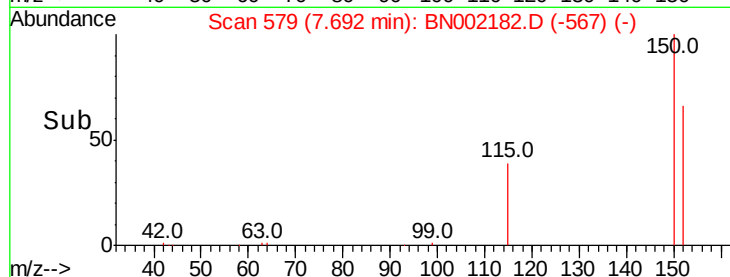


Abundance

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: 0.307 ng

RT: 3.29 min Scan# 32

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

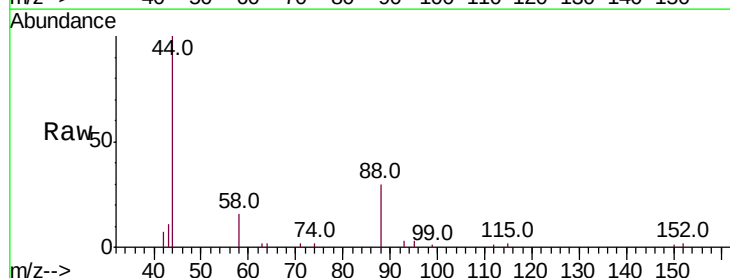
Tgt Ion: 88 Resp: 1073

Ion Ratio Lower Upper

88 100

58 80.6 72.0 108.0

43 32.2 28.0 42.0

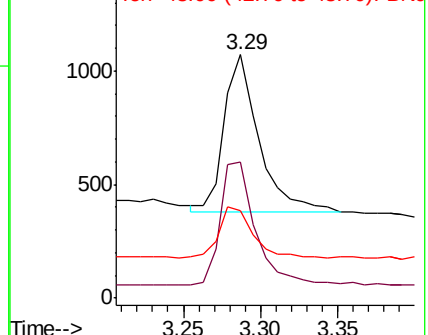
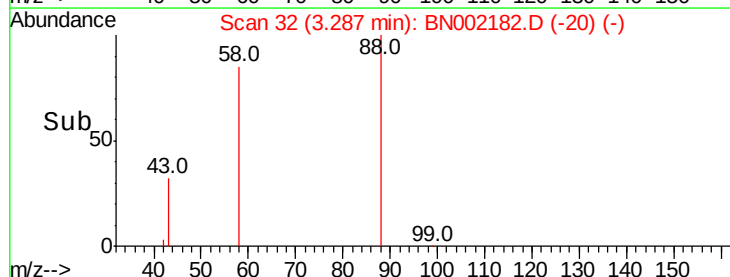


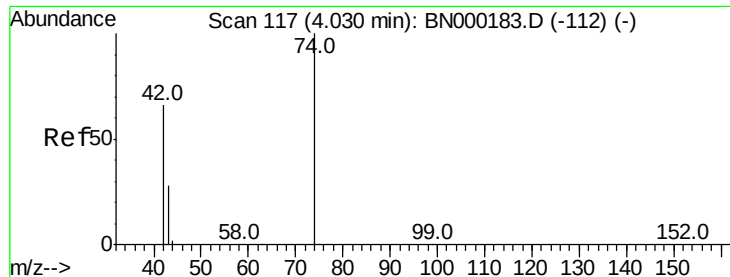
Abundance

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: 0.248 ng

RT: 3.62 min Scan# 73

Delta R.T. 0.01 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

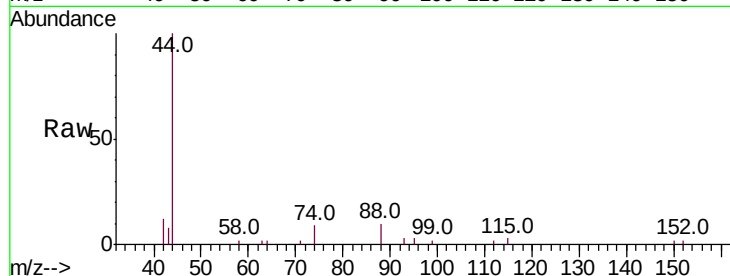
Tot Ion: 42 Resp: 590

Ion Ratio Lower Upper

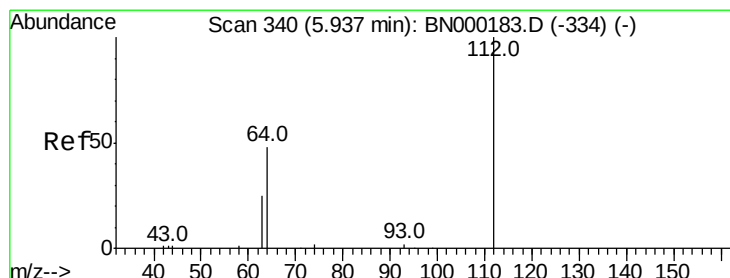
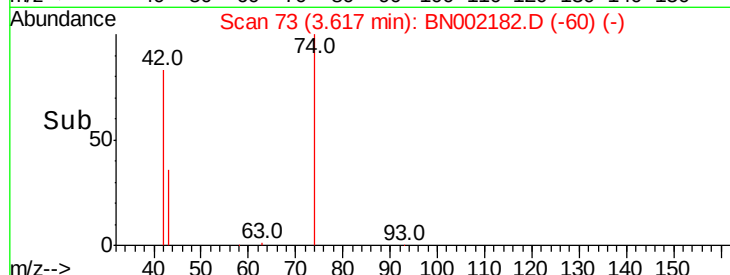
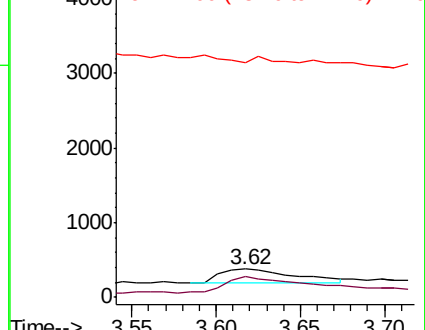
42 100

74 111.2 88.0 132.0

44 10.5 16.0 24.0#



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



#4

2-Fluorophenol

Concen: 0.305 ng

RT: 5.31 min Scan# 283

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

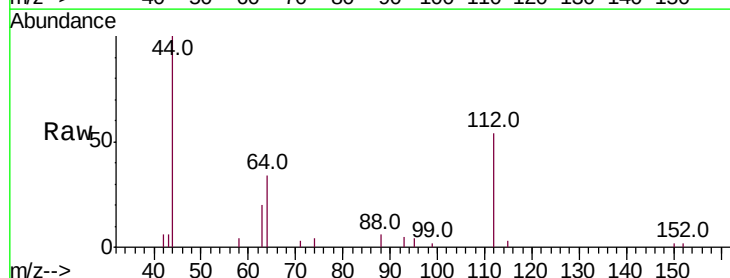
Tgt Ion: 112 Resp: 2170

Ion Ratio Lower Upper

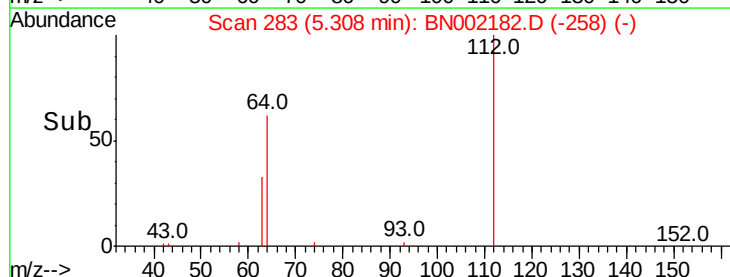
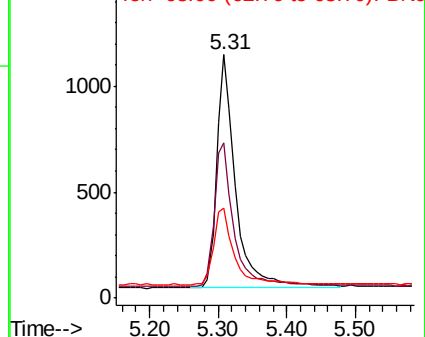
112 100

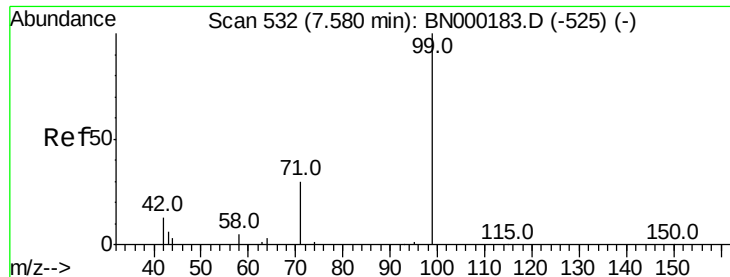
64 63.8 60.1 90.1

63 35.9 116.8 175.2#



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





#5

Phenol-d6

Concen: 0.283 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

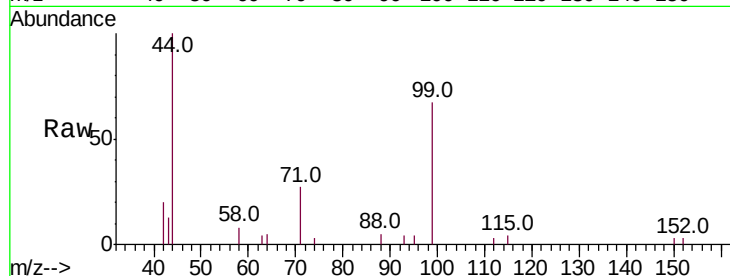
Tot Ion: 99 Resp: 2559

Ion Ratio Lower Upper

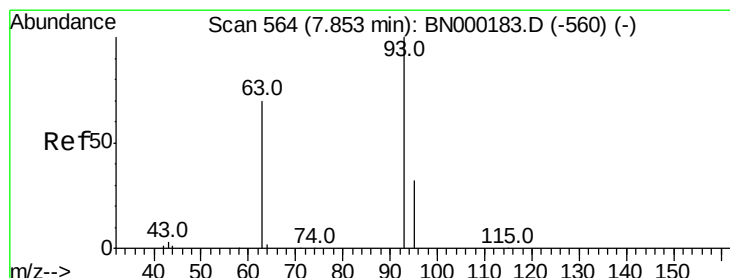
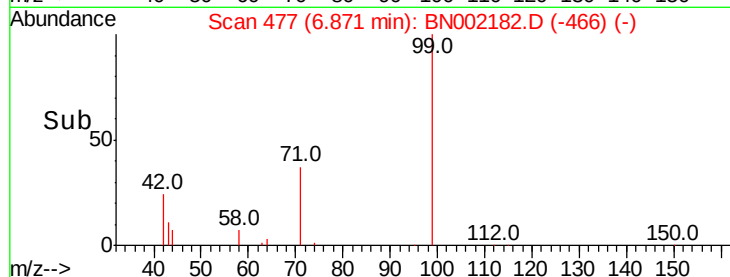
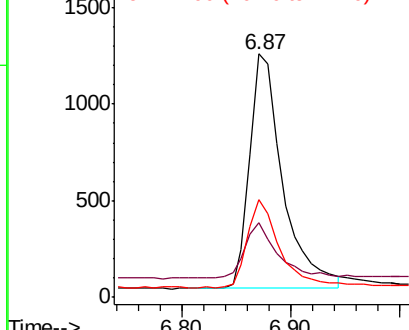
99 100

42 22.9 20.2 30.2

71 36.3 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.211 ng

RT: 7.13 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

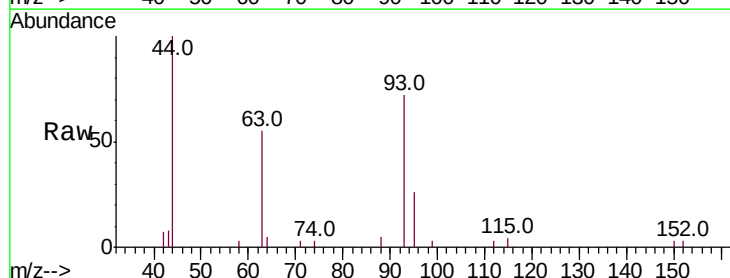
Tgt Ion: 93 Resp: 2422

Ion Ratio Lower Upper

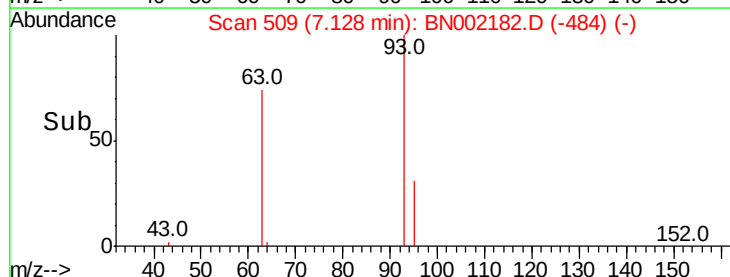
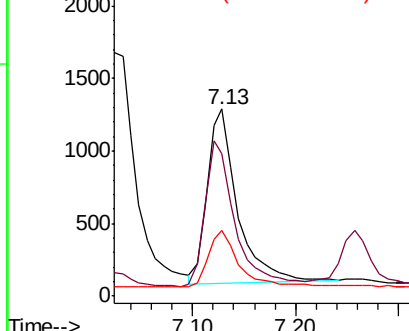
93 100

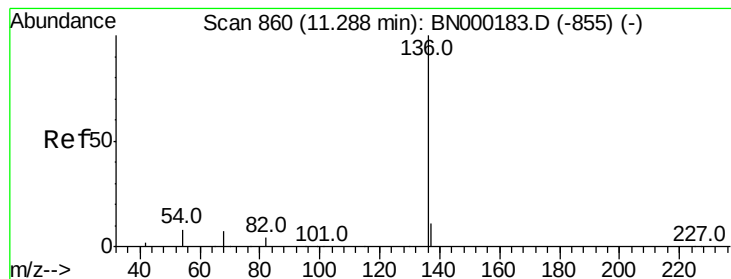
63 82.8 56.0 84.0

95 35.0 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 13485

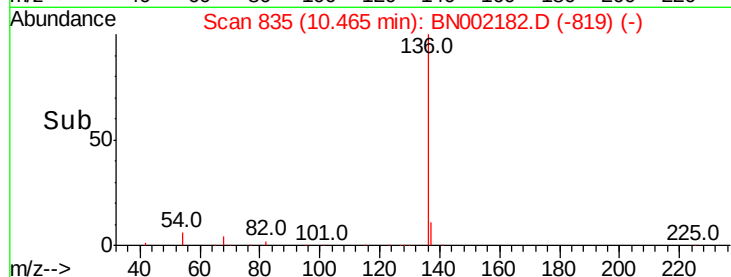
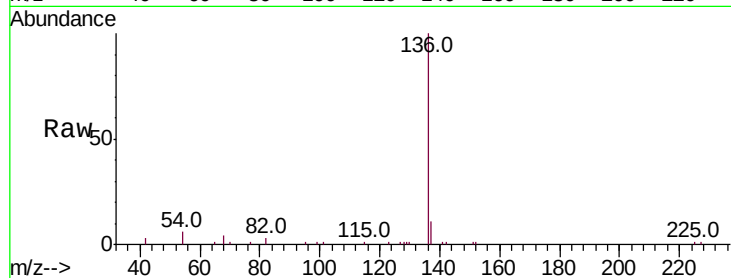
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 6.5 29.1 43.7#

68 4.5 6.2 9.2#

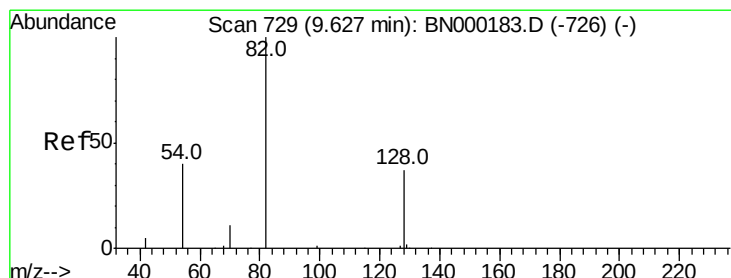
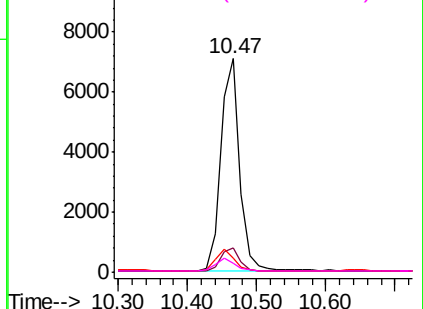


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.347 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

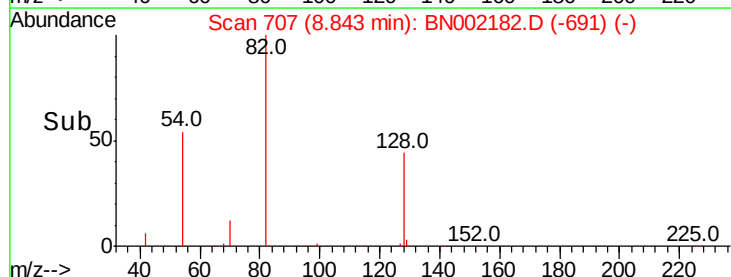
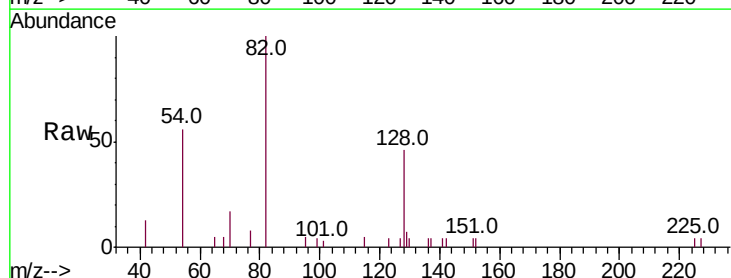
Tgt Ion: 82 Resp: 2776

Ion Ratio Lower Upper

82 100

128 46.4 150.0 225.0#

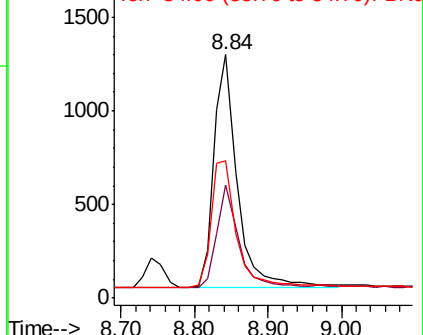
54 56.3 154.2 231.4#

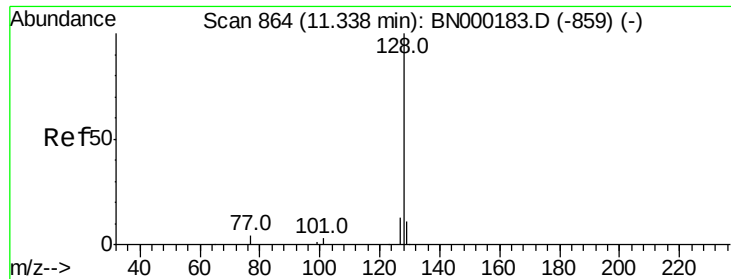


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.216 ng

RT: 10.50 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

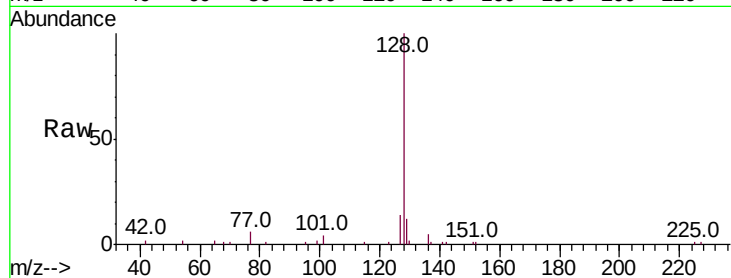
Tot Ion:128 Resp: 8517

Ion Ratio Lower Upper

128 100

129 12.1 8.0 12.0#

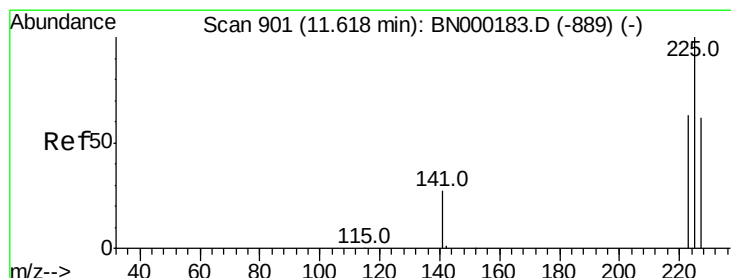
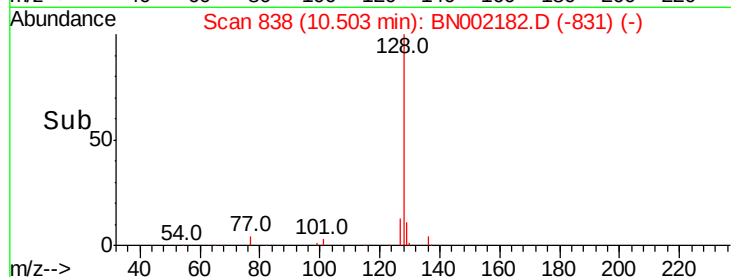
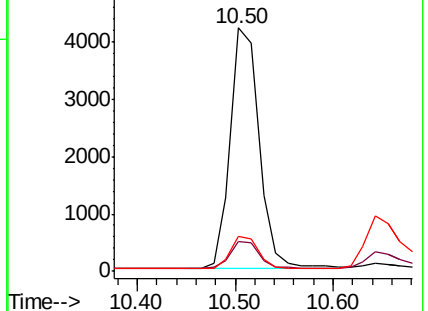
127 14.4 9.6 14.4



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: 0.276 ng

RT: 10.79 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

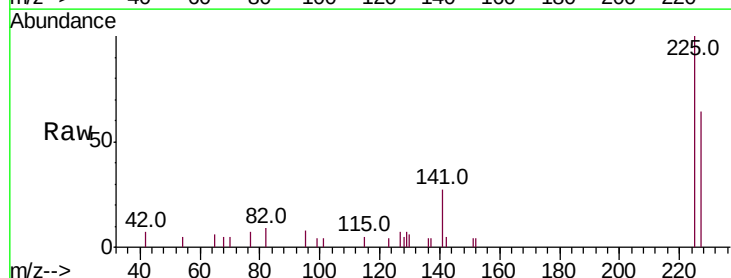
Tgt Ion:225 Resp: 1843

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

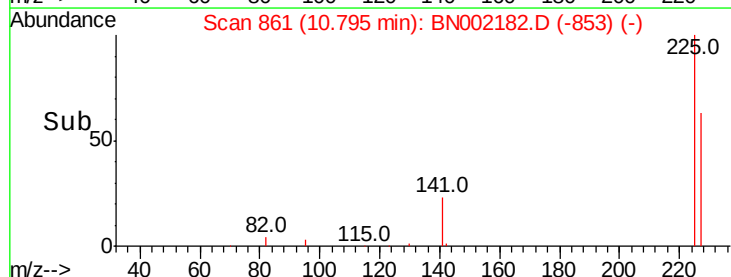
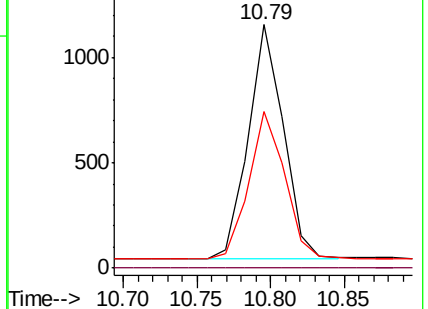
227 64.0 48.0 72.0

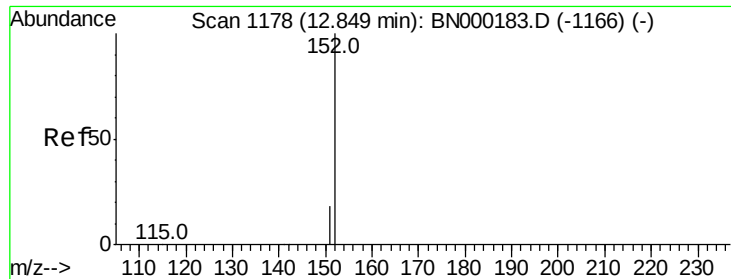


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

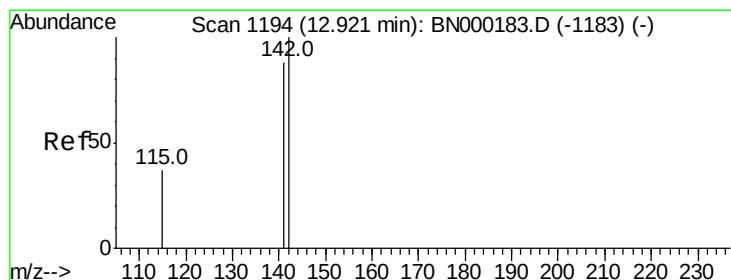
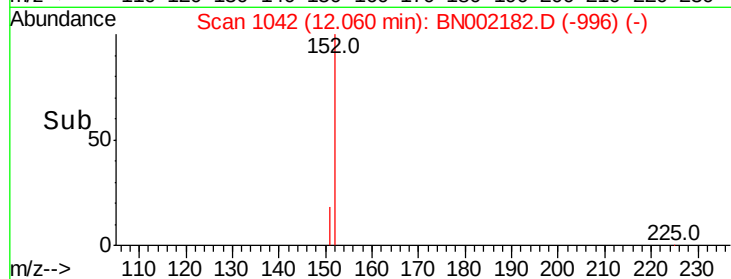
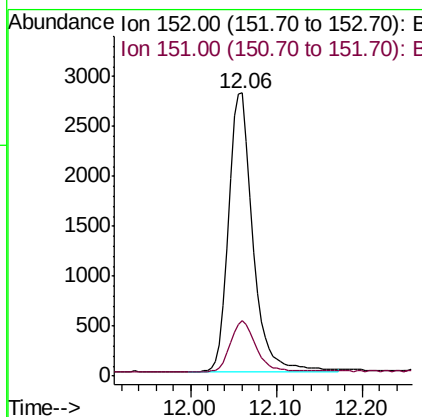
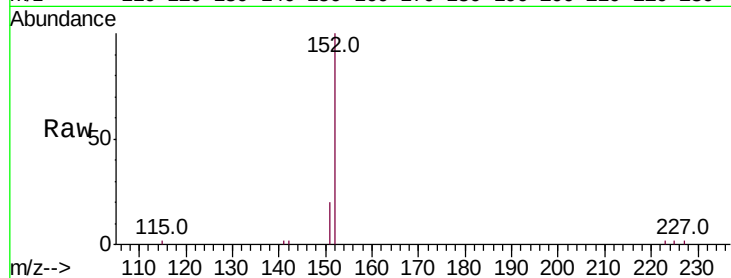




#11
 2-Methylnaphthalene-d10
 Concen: 0.268 ng
 RT: 12.06 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BN002182.D
 Acq: 30 Jul 2018 12:12

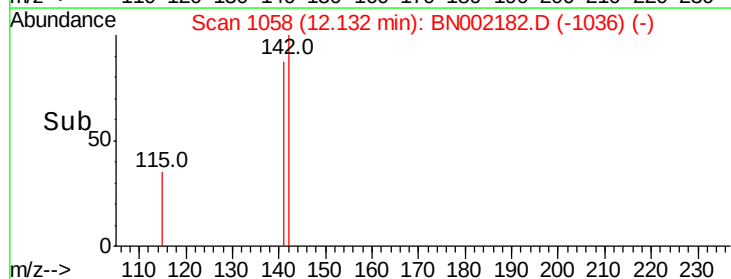
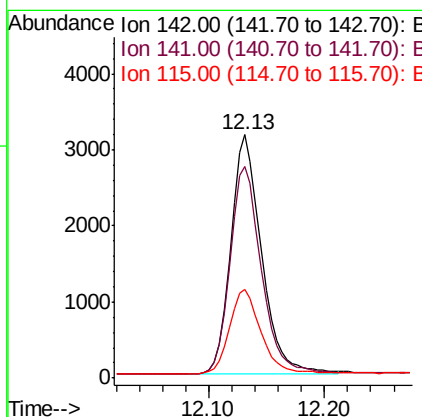
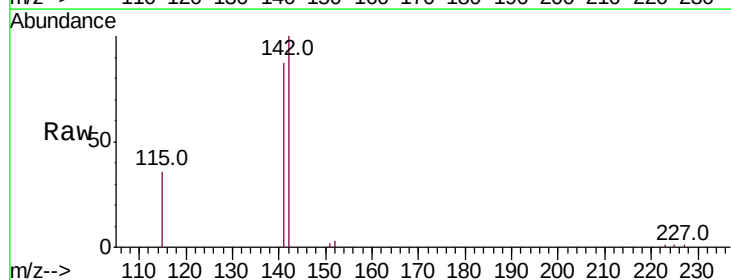
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

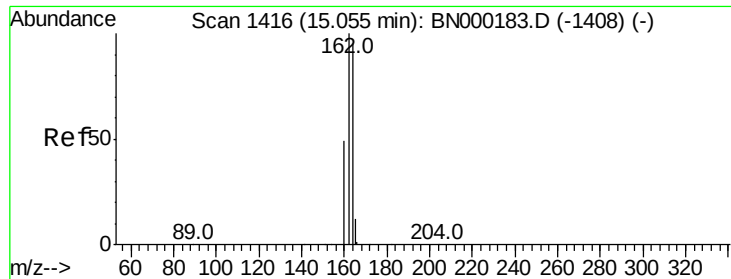
Tot Ion:152 Resp: 5447
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.220 ng
 RT: 12.13 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BN002182.D
 Acq: 30 Jul 2018 12:12

Tgt Ion:142 Resp: 5691
 Ion Ratio Lower Upper
 142 100
 141 86.9 70.4 105.6
 115 36.2 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

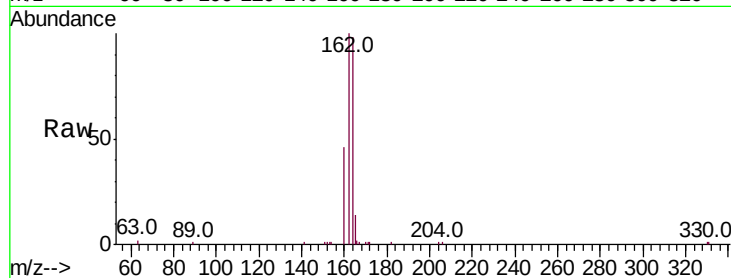
Tot Ion:164 Resp: 7672

Ion Ratio Lower Upper

164 100

162 101.6 83.1 124.7

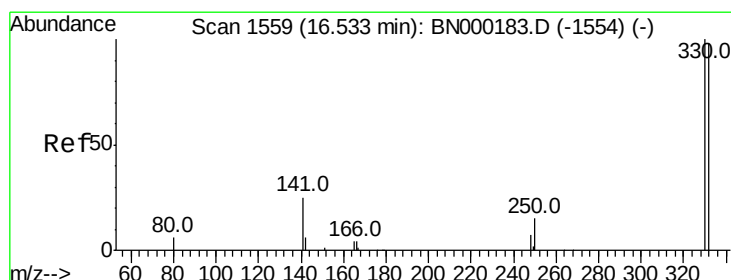
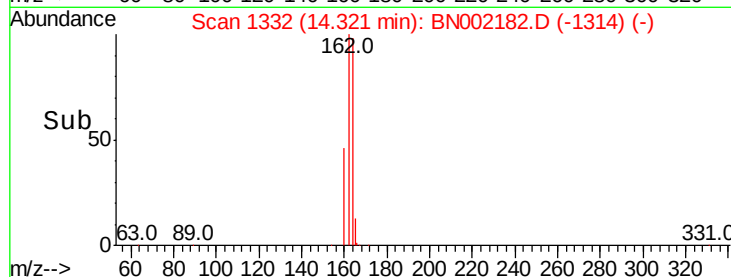
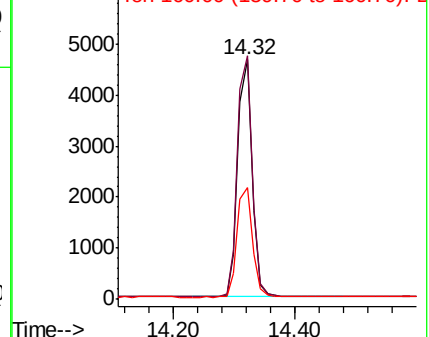
160 46.8 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.360 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

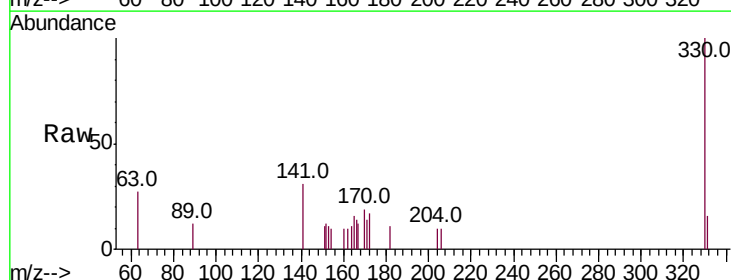
Tgt Ion:330 Resp: 878

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

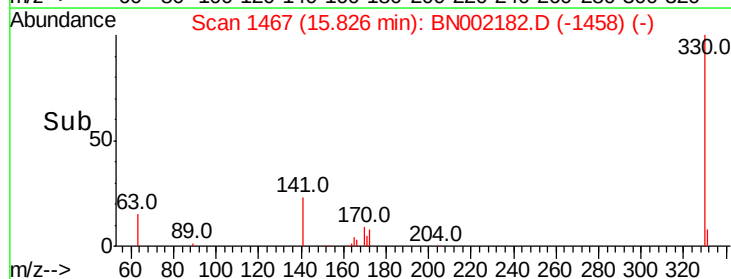
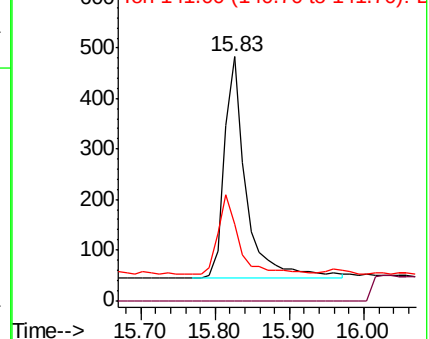
141 35.4 33.7 50.5

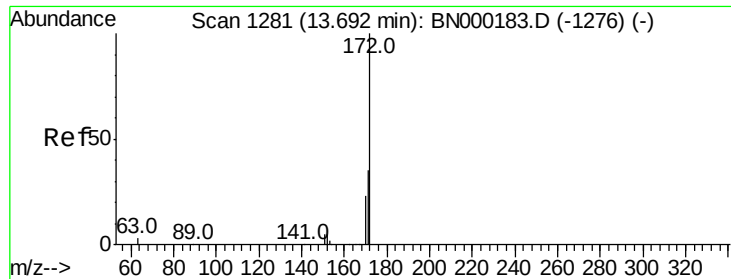


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

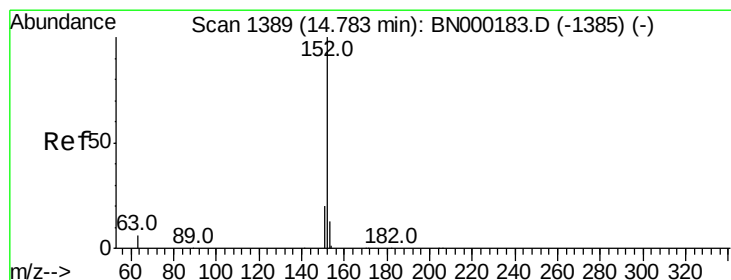
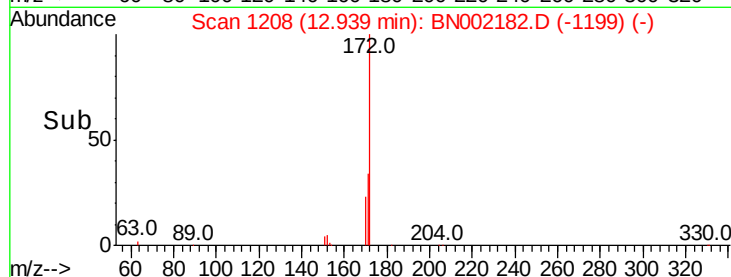
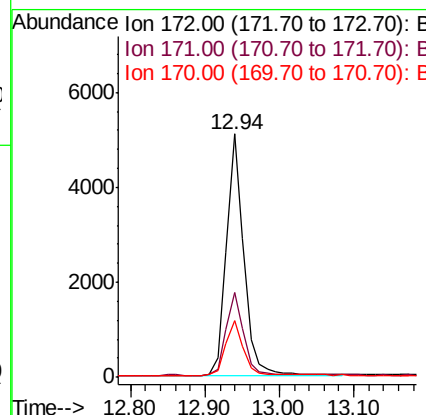
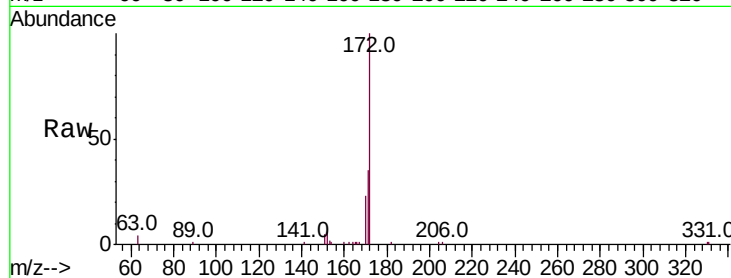




#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

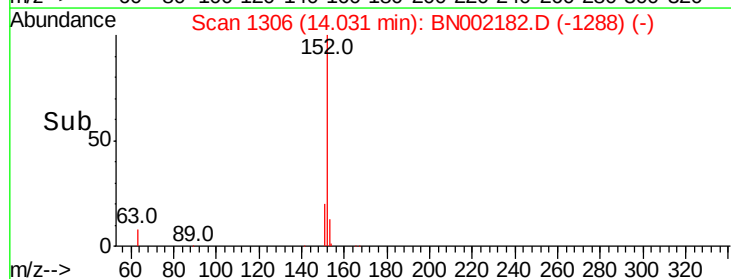
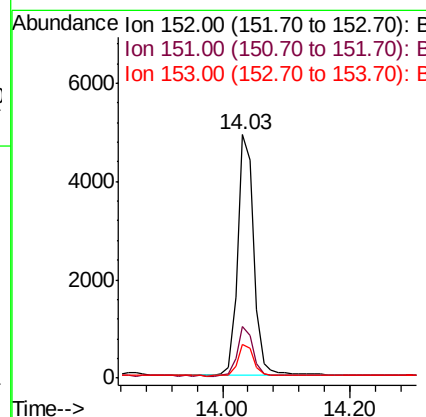
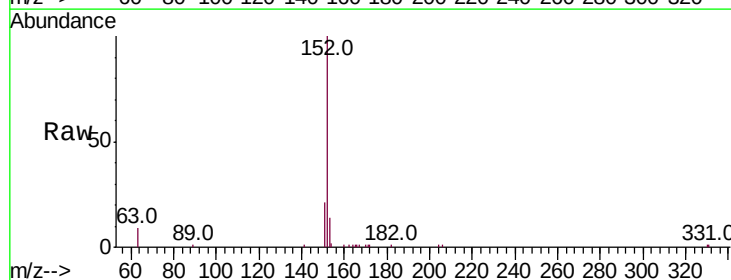
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

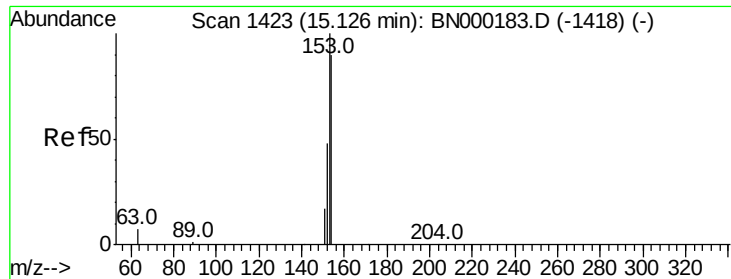
Tot Ion:172 Resp: 8220
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 23.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.242 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:152 Resp: 8754
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.205 ng

RT: 14.38 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

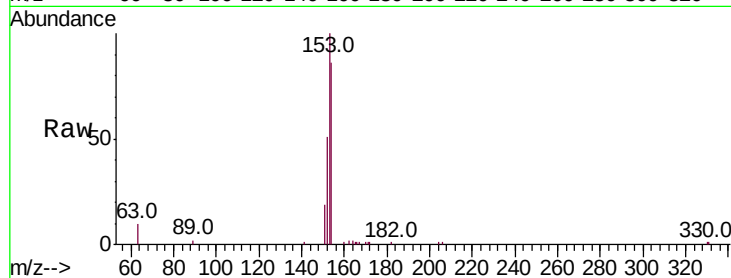
Tot Ion:154 Resp: 5841

Ion Ratio Lower Upper

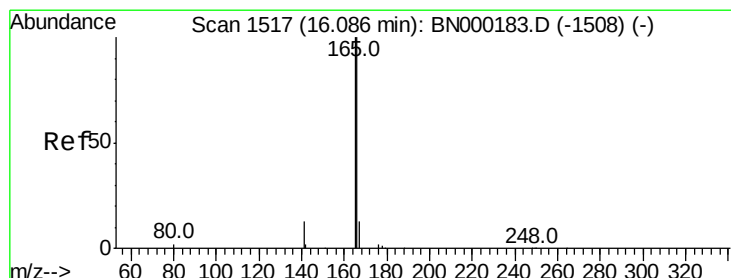
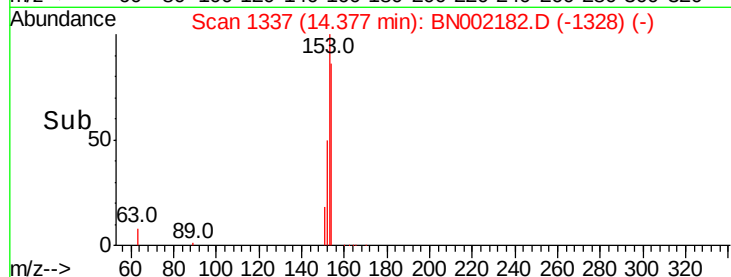
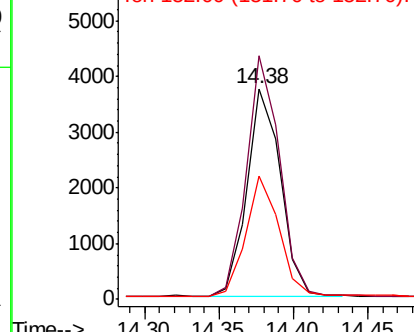
154 100

153 114.7 89.2 133.8

152 57.2 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: 0.205 ng

RT: 15.37 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

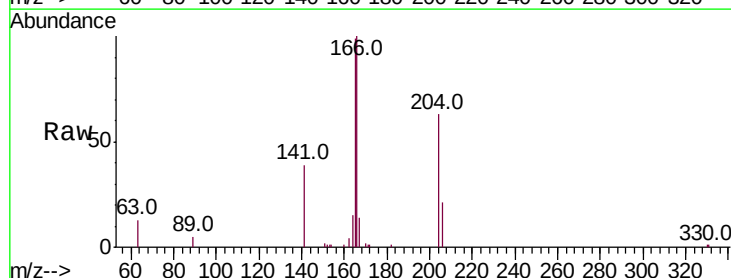
Tgt Ion:166 Resp: 7303

Ion Ratio Lower Upper

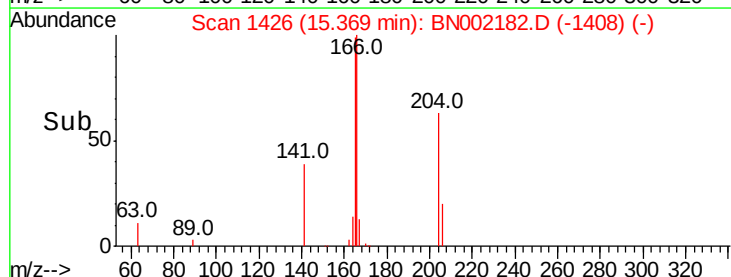
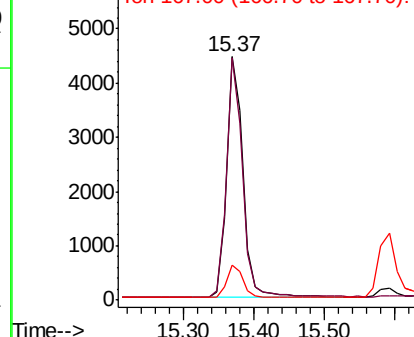
166 100

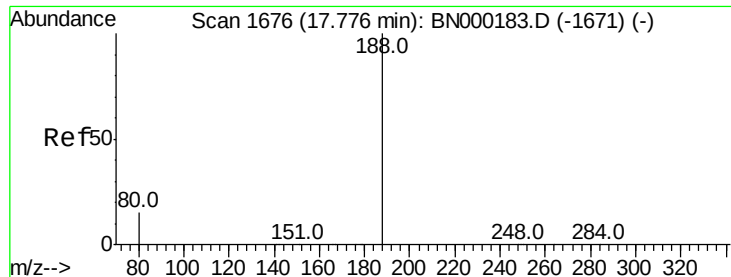
165 97.8 77.8 116.6

167 13.4 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# 1583

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

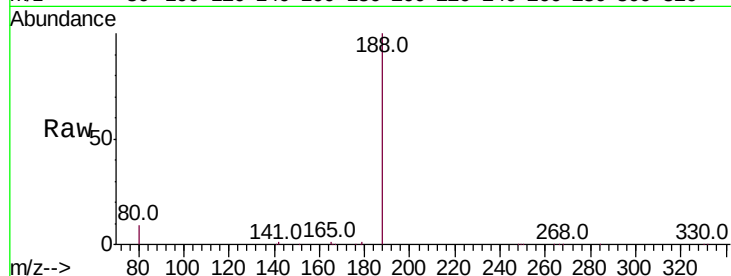
Tot Ion:188 Resp: 18407

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 9.3 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

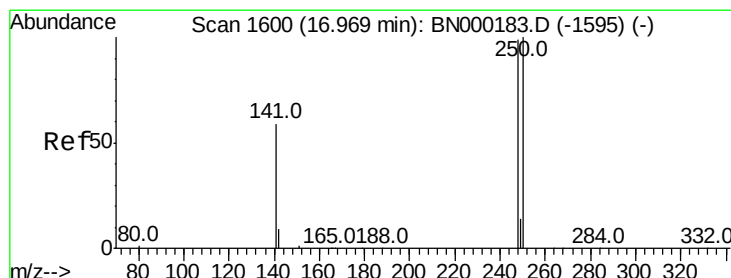
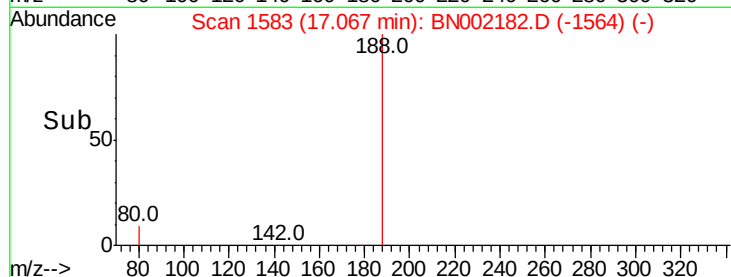
17.07

10000

5000

0

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.259 ng

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

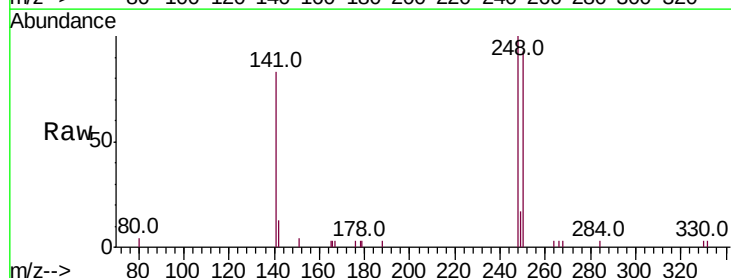
Tgt Ion:248 Resp: 2746

Ion Ratio Lower Upper

248 100

250 92.8 62.7 94.1

141 82.8 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

16.26

2000

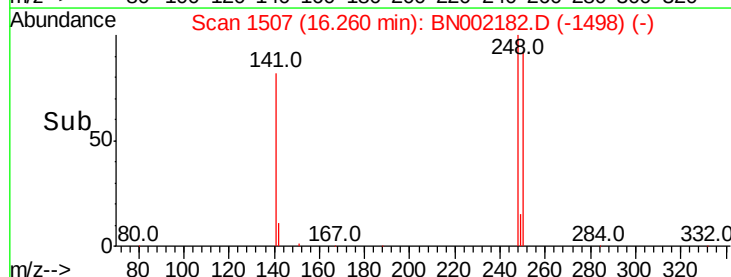
1500

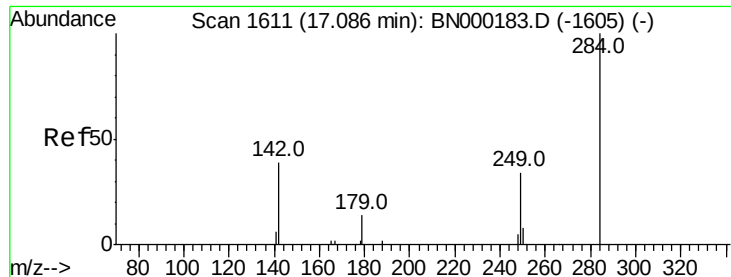
1000

500

0

Time-->

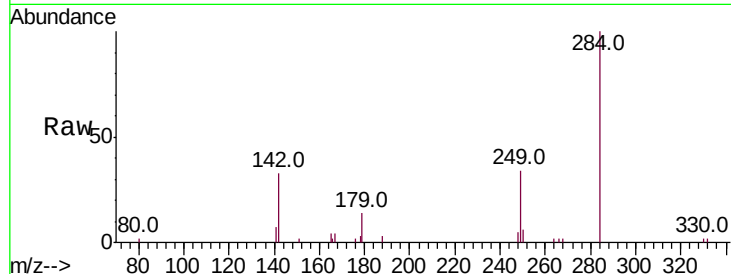




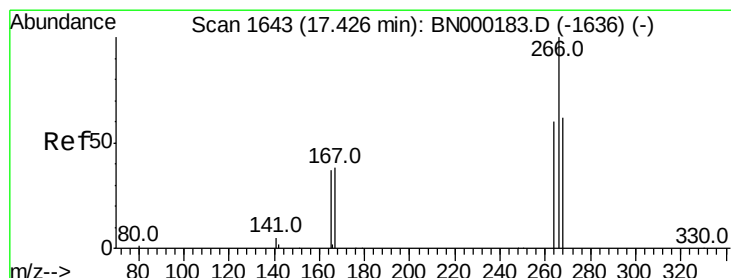
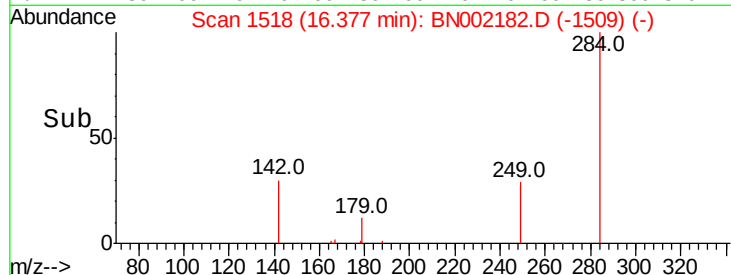
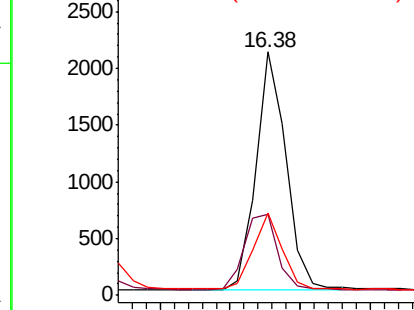
#21
Hexachlorobenzene
Concen: 0.220 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:	284	Resp:	3124
Ion	Ratio	Lower	Upper
284	100		
142	35.3	32.0	48.0
249	30.3	24.0	36.0

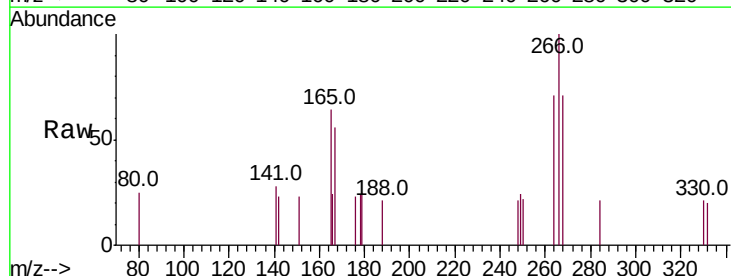


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

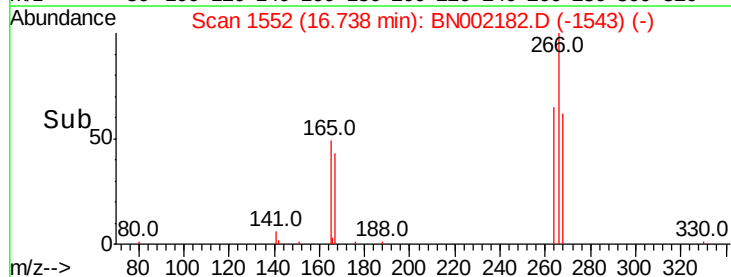
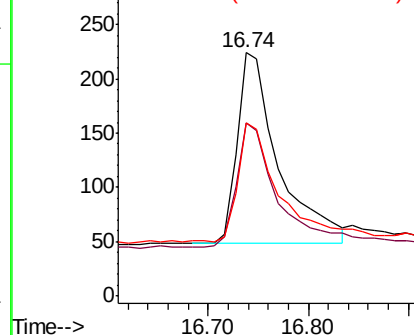


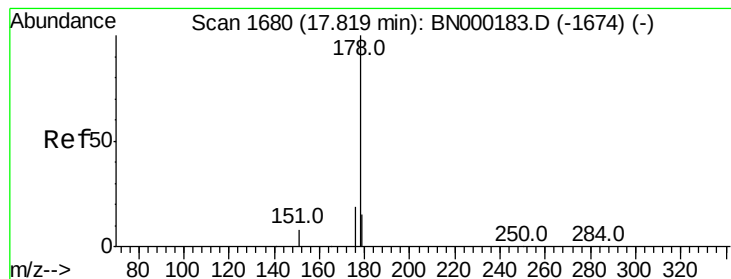
#22
Pentachlorophenol
Concen: 0.134 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:	266	Resp:	506
Ion	Ratio	Lower	Upper
266	100		
264	71.4	48.0	72.0
268	71.4	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: 0.193 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

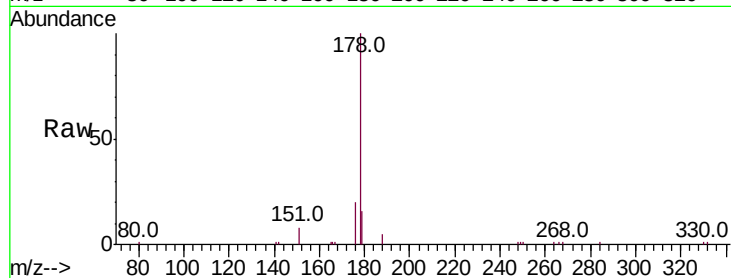
Tot Ion:178 Resp: 12480

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

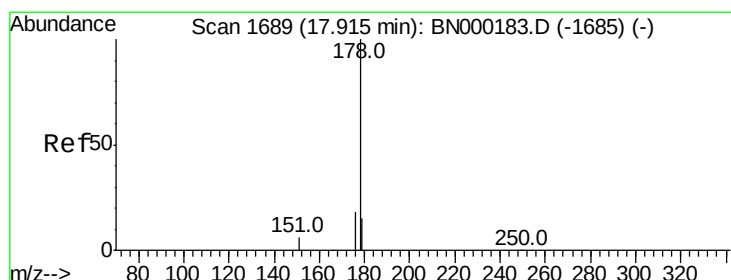
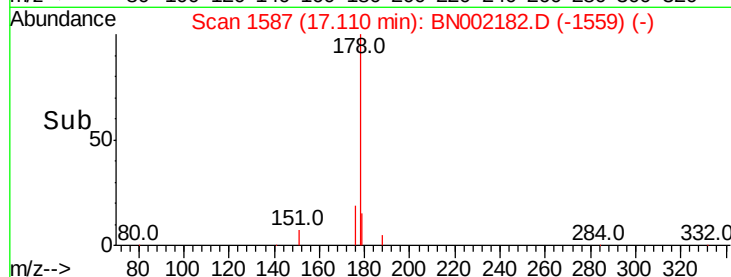
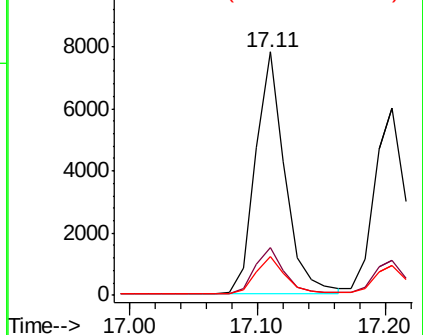
179 15.5 11.8 17.6



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: 0.204 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

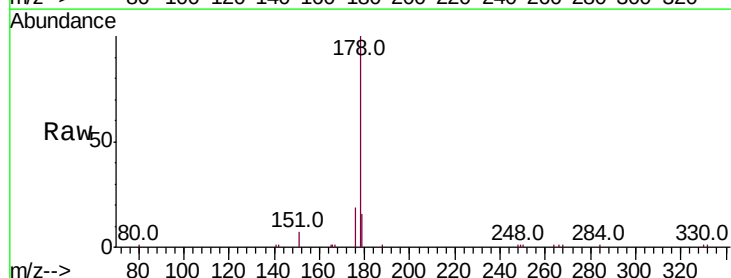
Tgt Ion:178 Resp: 10027

Ion Ratio Lower Upper

178 100

176 18.2 12.8 19.2

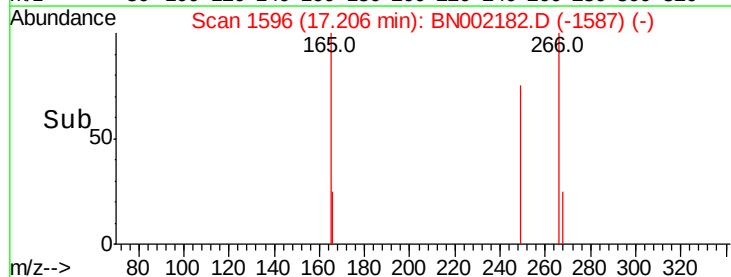
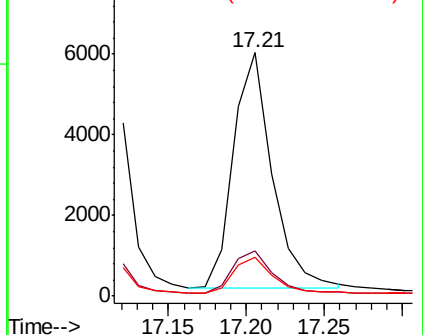
179 15.0 13.0 19.6

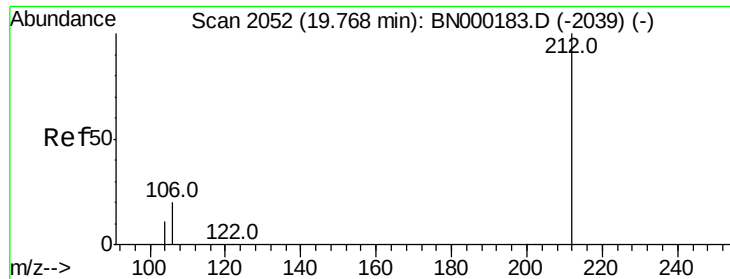


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

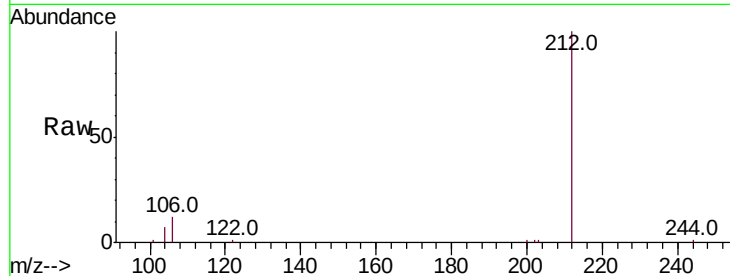




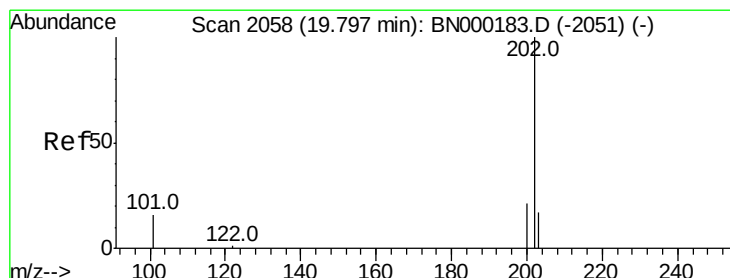
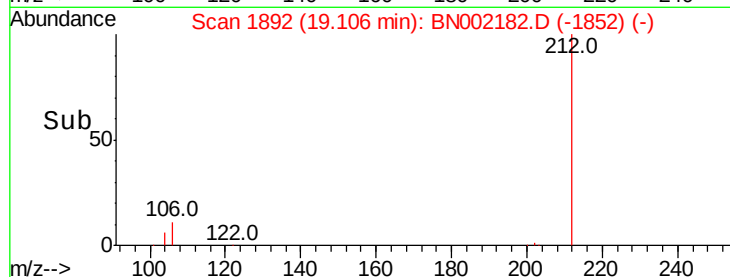
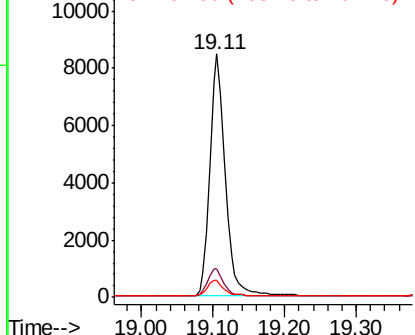
#25
Fluoranthene-d10
Concen: 0.260 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:212 Resp: 12794
Ion Ratio Lower Upper
212 100
106 11.7 2.8 4.2#
104 6.5 1.6 2.4#

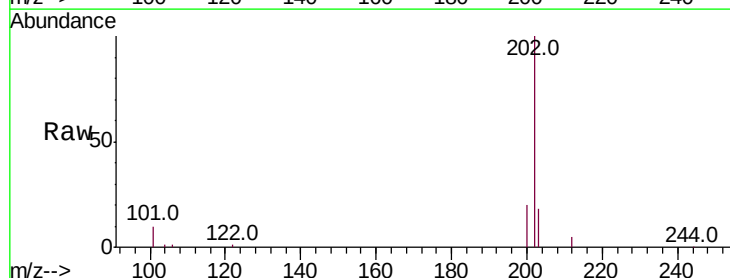


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

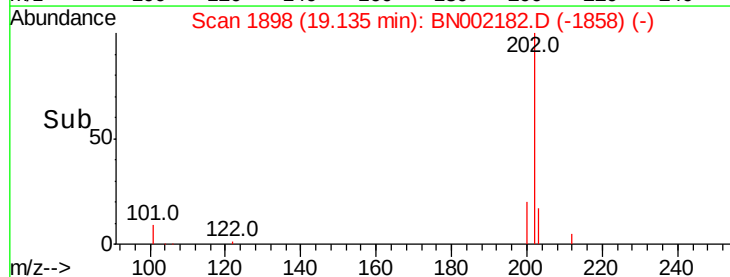
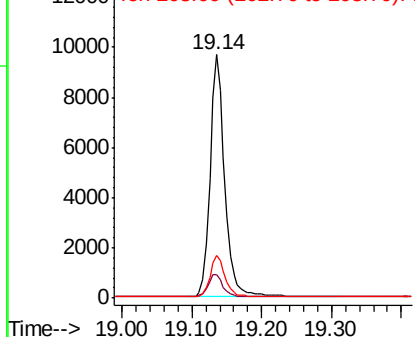


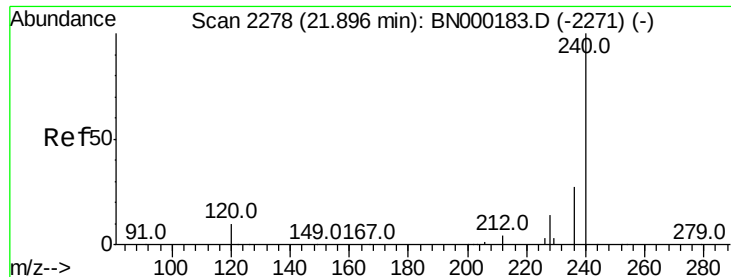
#26
Fluoranthene
Concen: 0.208 ng
RT: 19.14 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:202 Resp: 13988
Ion Ratio Lower Upper
202 100
101 9.6 9.8 14.8#
203 17.0 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: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

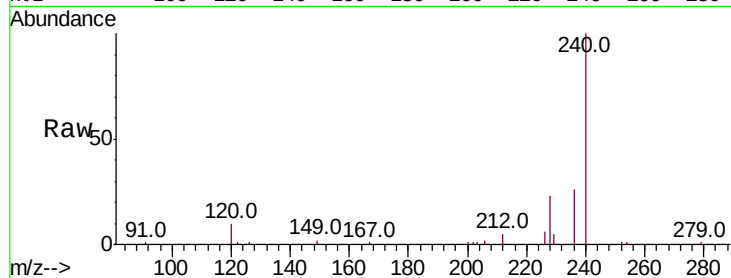
Tot Ion:240 Resp: 16455

Ion Ratio Lower Upper

240 100

120 9.7 5.5 8.3#

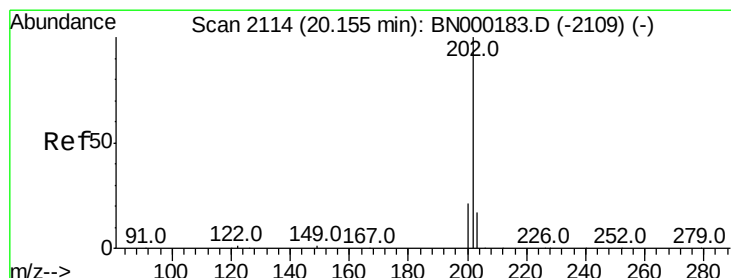
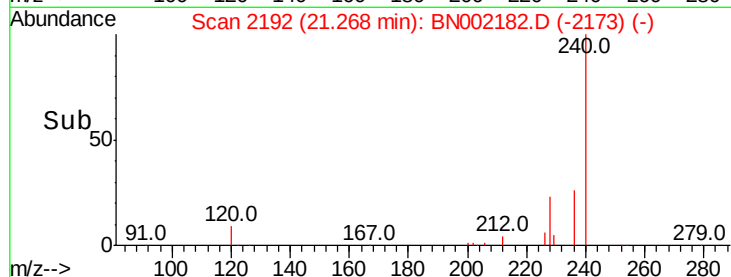
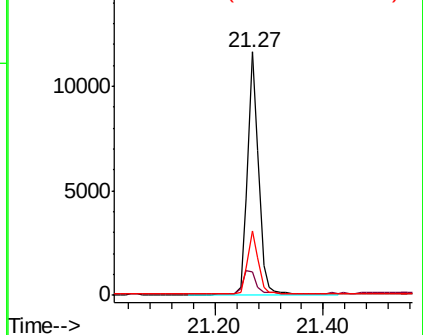
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.218 ng

RT: 19.50 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

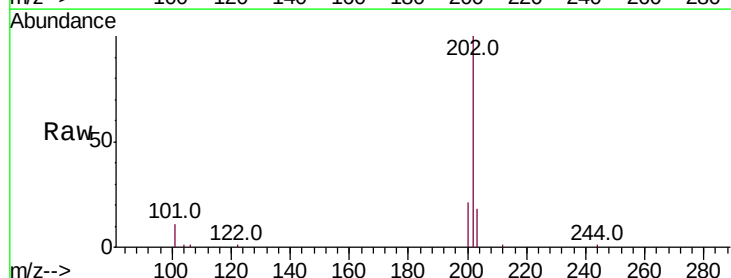
Tgt Ion:202 Resp: 14079

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

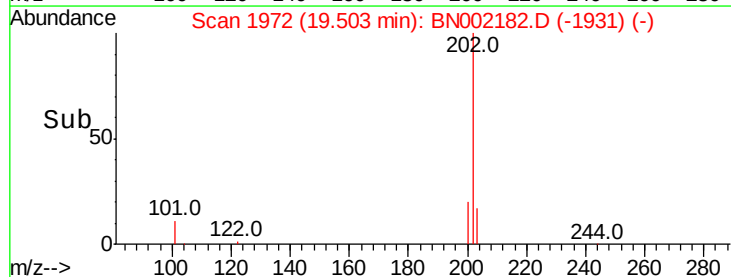
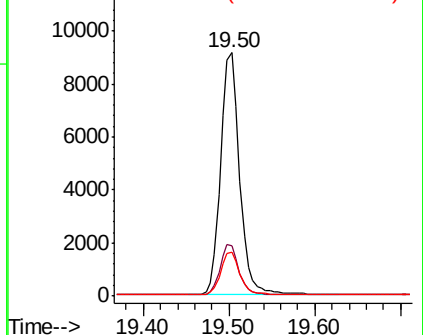
203 17.6 13.8 20.8

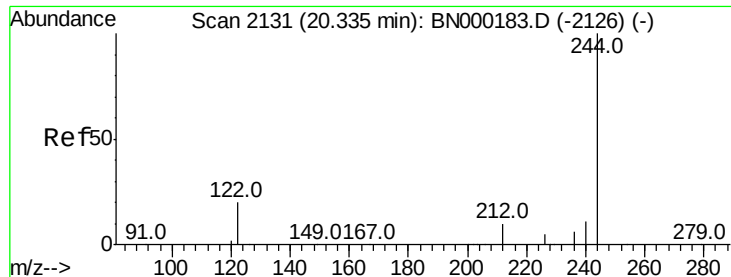


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.359 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

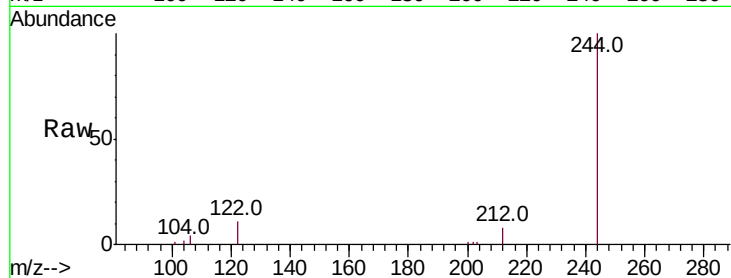
Tot Ion:244 Resp: 10387

Ion Ratio Lower Upper

244 100

212 8.2 25.4 38.0#

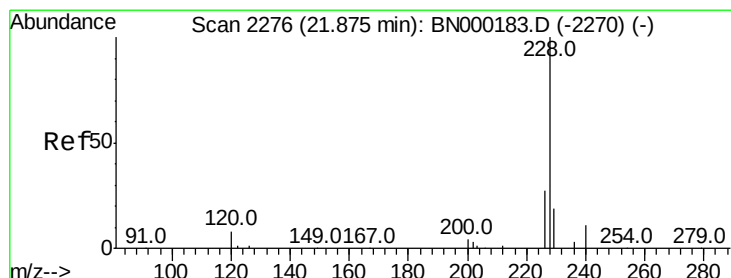
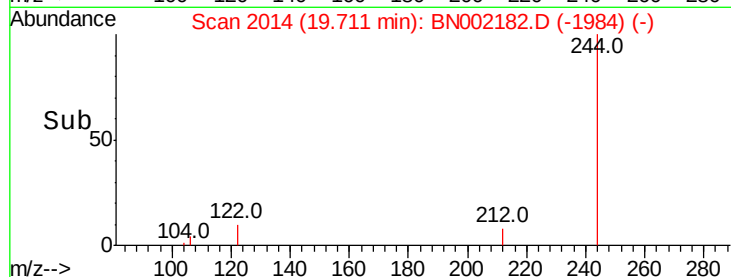
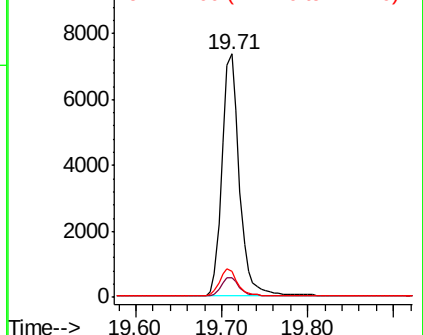
122 10.8 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.220 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

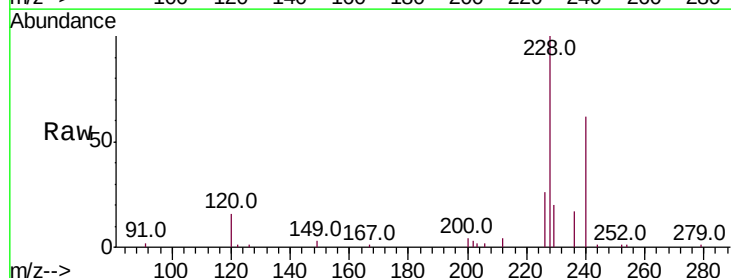
Tgt Ion:228 Resp: 11403

Ion Ratio Lower Upper

228 100

226 26.2 24.0 36.0

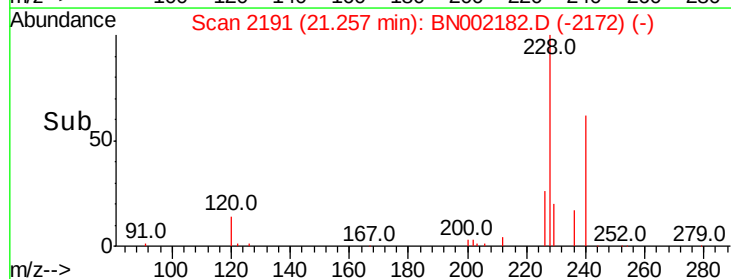
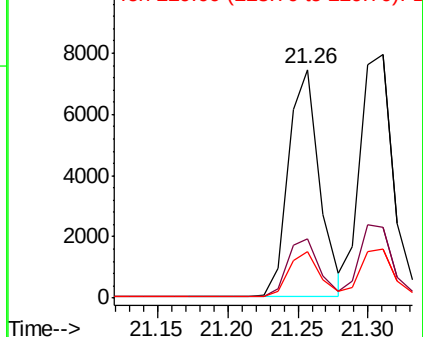
229 20.3 16.0 24.0

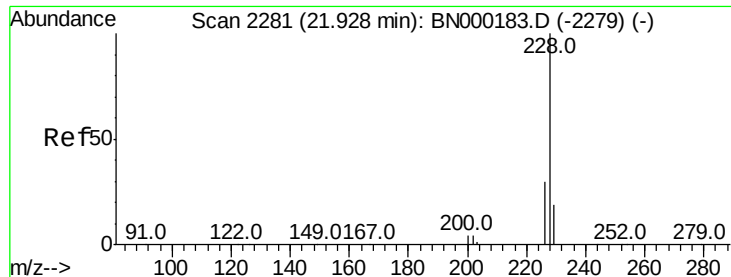


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.214 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

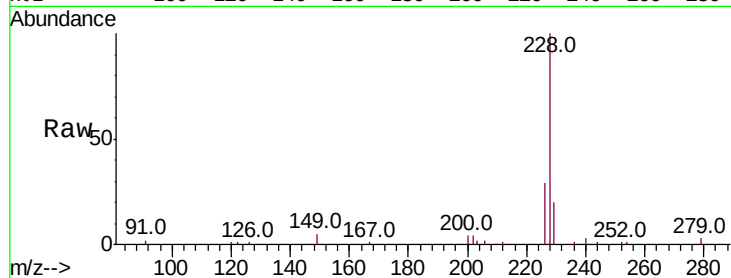
BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:228 Resp: 12957

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.2	16.0	24.0

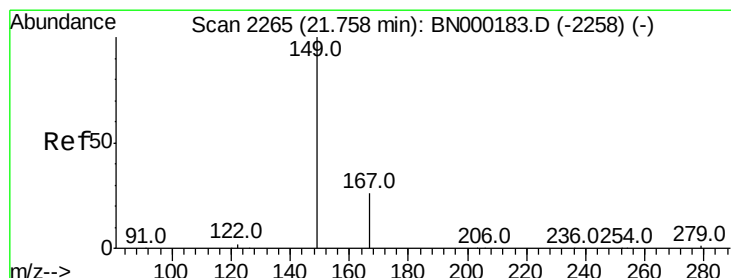
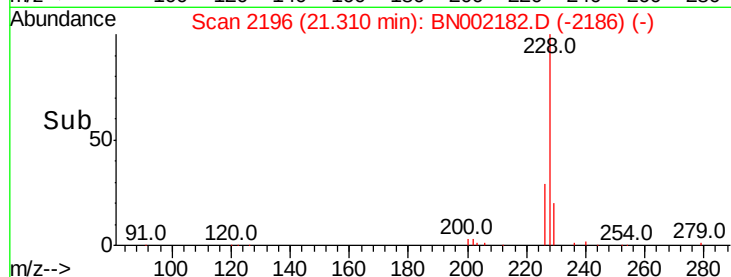
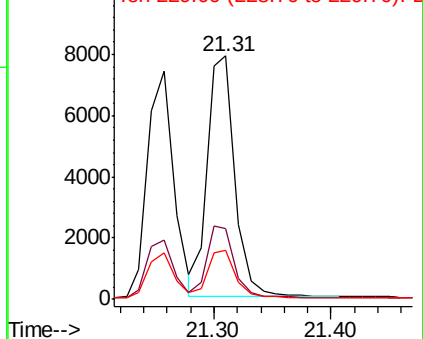


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.286 ng

RT: 21.19 min Scan# 2185

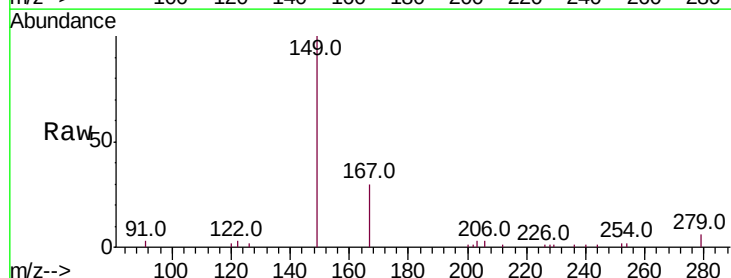
Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Tgt Ion:149 Resp: 5510

Ion	Ratio	Lower	Upper
149	100		
167	28.0	20.0	30.0
279	4.5	1.6	2.4

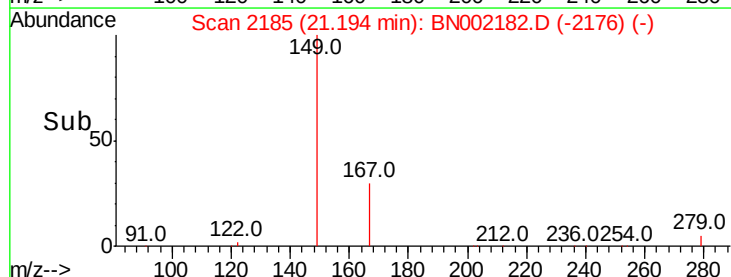
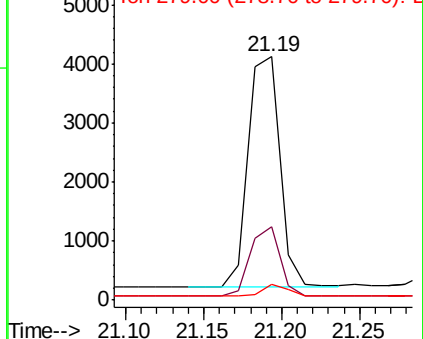


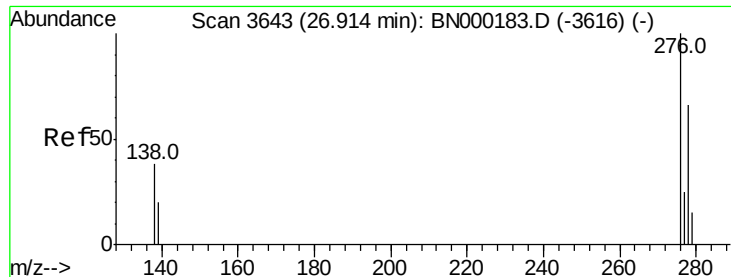
Abundance

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

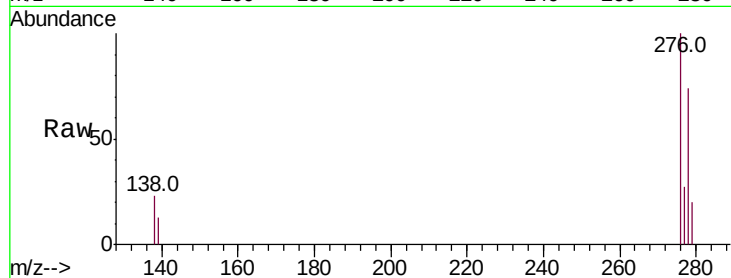




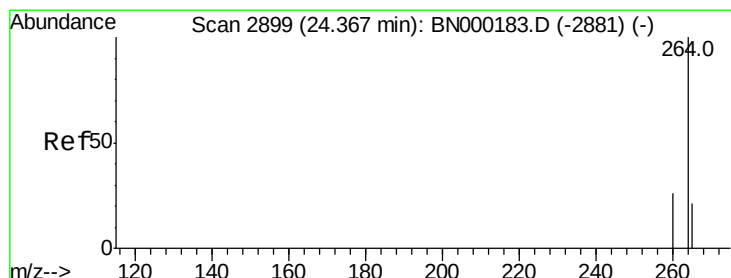
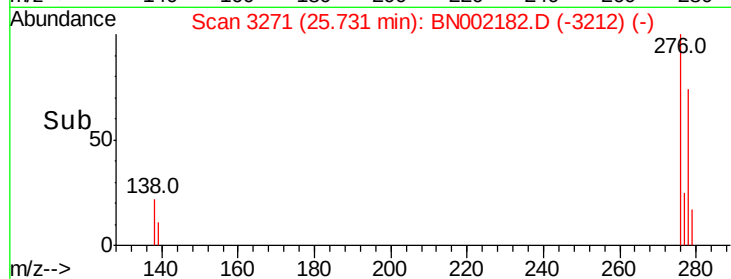
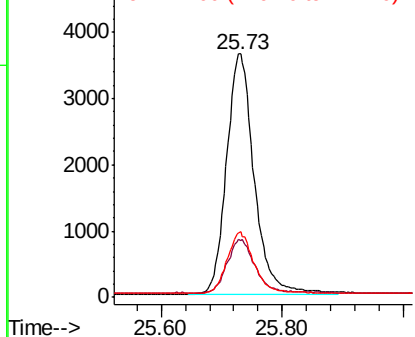
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.203 ng
 RT: 25.73 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: BN002182.D
 Acq: 30 Jul 2018 12:12

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tot Ion:276 Resp: 11496
 Ion Ratio Lower Upper
 276 100
 138 22.3 22.5 33.7#
 277 24.8 19.9 29.9

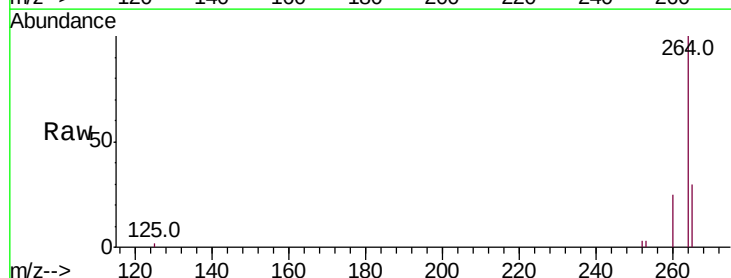


Abundance Ion 276.00 (275.70 to 276.70): E
 5000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

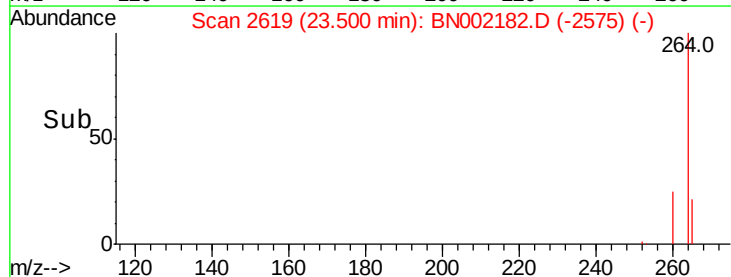
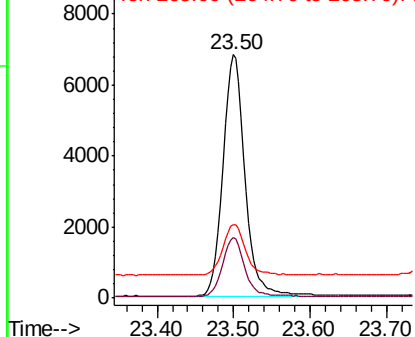


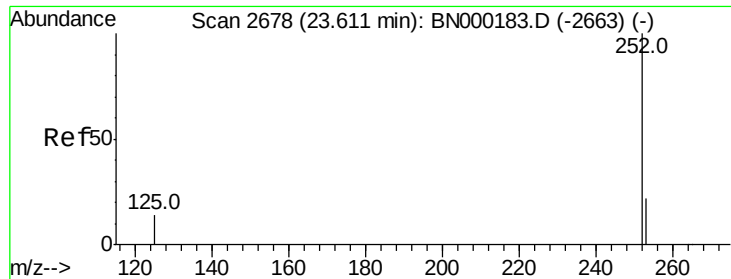
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BN002182.D
 Acq: 30 Jul 2018 12:12

Tgt Ion:264 Resp: 13801
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 30.2 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
 8000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.177 ng

RT: 22.84 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

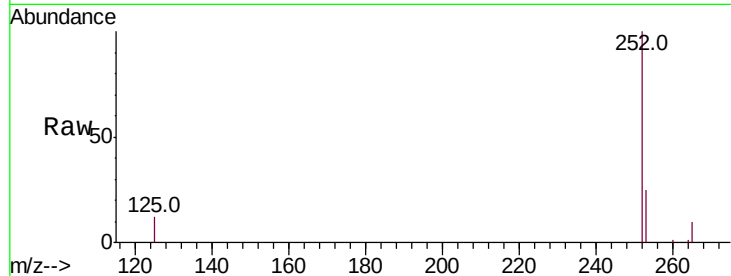
Tot Ion:252 Resp: 11153

Ion Ratio Lower Upper

252 100

253 24.5 20.0 30.0

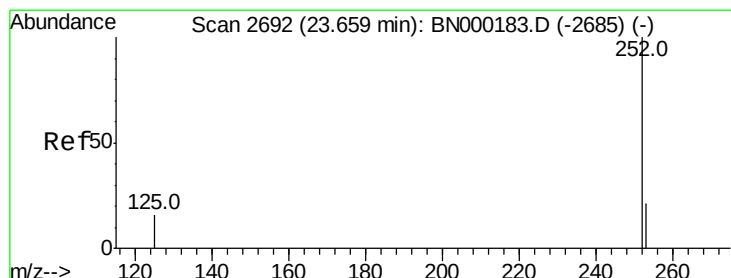
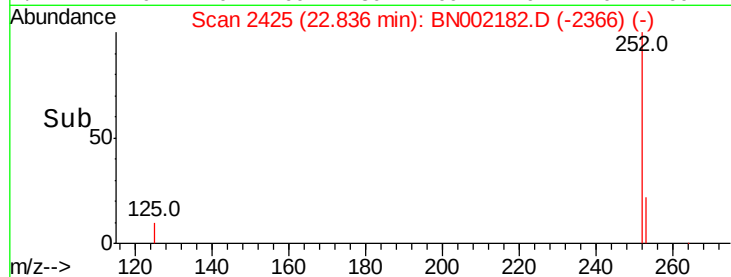
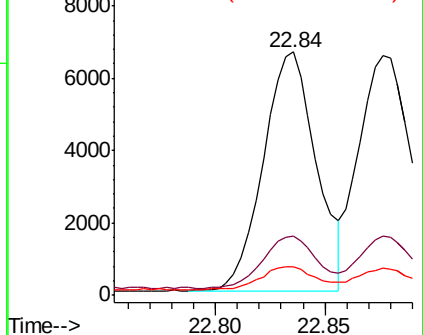
125 11.9 16.0 24.0#



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: 0.187 ng

RT: 22.88 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

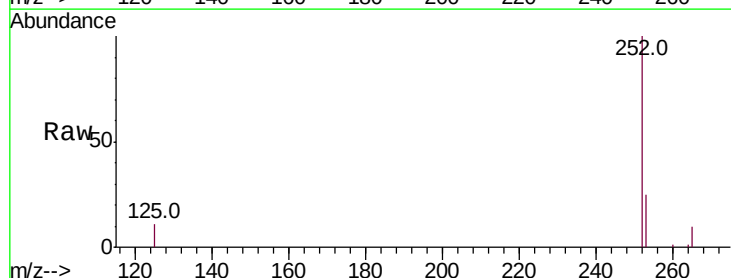
Tgt Ion:252 Resp: 11501

Ion Ratio Lower Upper

252 100

253 24.7 16.0 24.0#

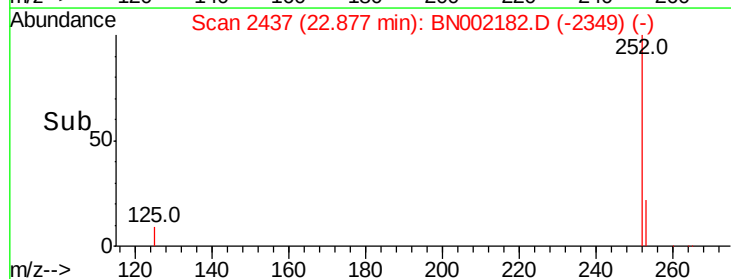
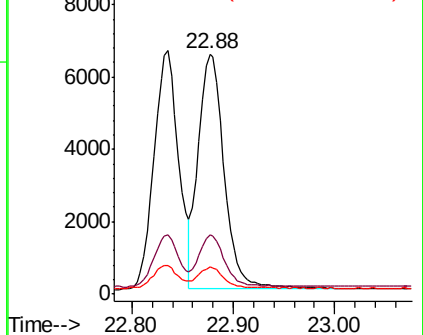
125 11.1 8.0 12.0

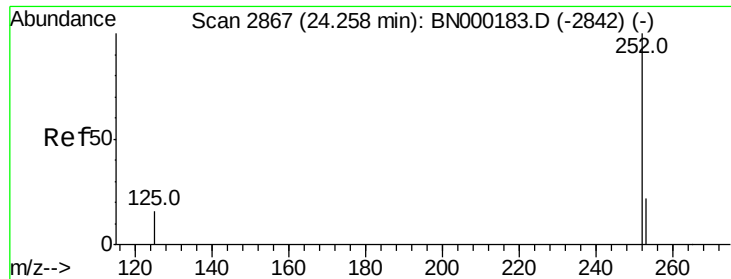


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.198 ng

RT: 23.40 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

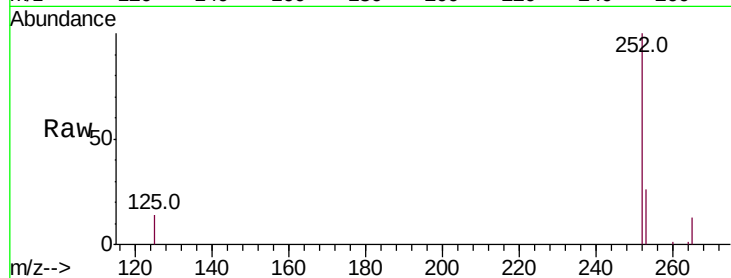
Tot Ion:252 Resp: 10186

Ion Ratio Lower Upper

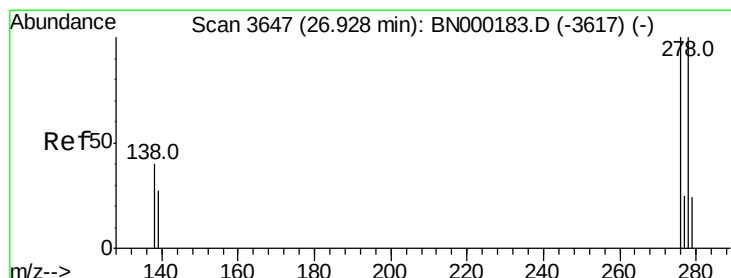
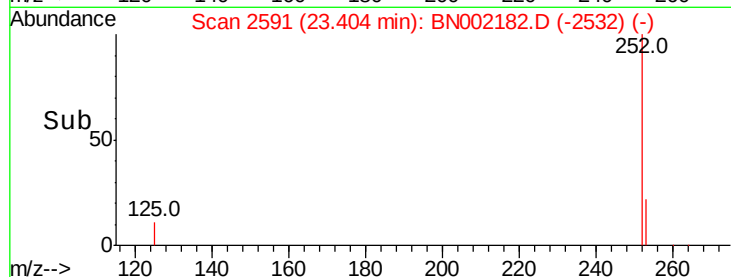
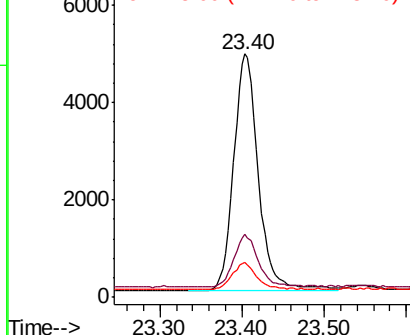
252 100

253 25.8 16.0 24.0#

125 14.3 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.207 ng

RT: 25.74 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

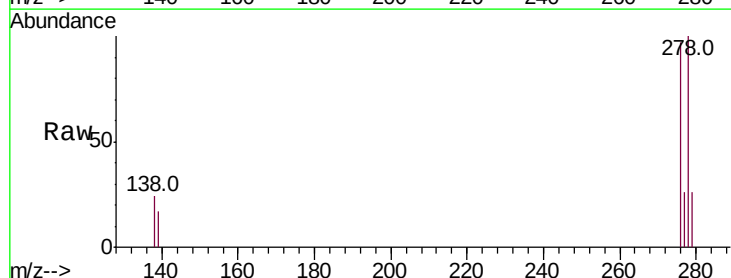
Tgt Ion:278 Resp: 9463

Ion Ratio Lower Upper

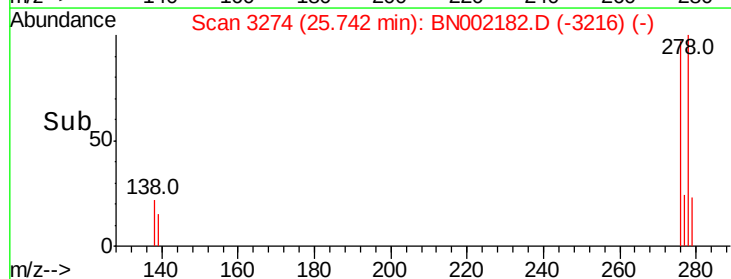
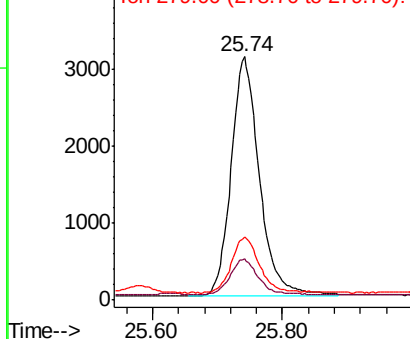
278 100

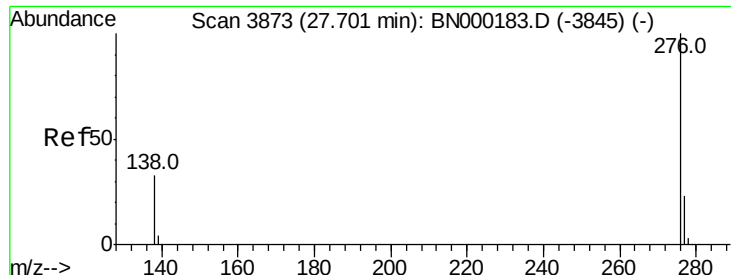
139 16.9 16.0 24.0

279 26.2 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: 0.182 ng

RT: 26.41 min Scan# 3468

Delta R.T. -0.00 min

Lab File: BN002182.D

Acq: 30 Jul 2018 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

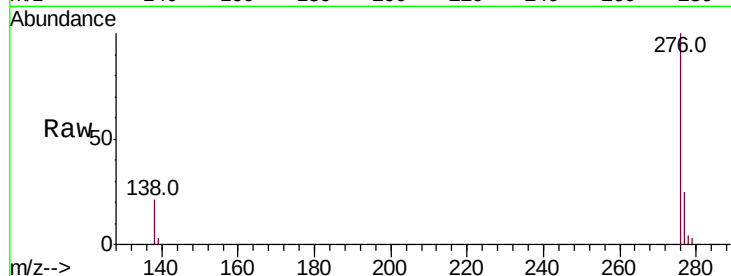
Tot Ion:276 Resp: 9836

Ion Ratio Lower Upper

276 100

277 24.8 16.0 24.0#

138 21.0 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

