

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111218\
 Data File : BE098188.D
 Acq On : 12 Nov 2018 12:58
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Nov 12 13:33:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 11:35:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1164	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5802	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3955	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8901	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10330	0.40	ng	0.00
34) Perylene-d12	24.01	264	9500	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	10755	3.11	ng	0.00
5) Phenol-d6	7.03	99	17977	3.16	ng	-0.01
8) Nitrobenzene-d5	9.02	82	19623	3.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	32521	3.18	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	6091	3.25	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	48967	3.01	ng	0.00
25) Fluoranthene-d10	19.31	212	363294	3.16	ng	0.00
29) Terphenyl-d14	19.91	244	74262	3.09	ng	0.00

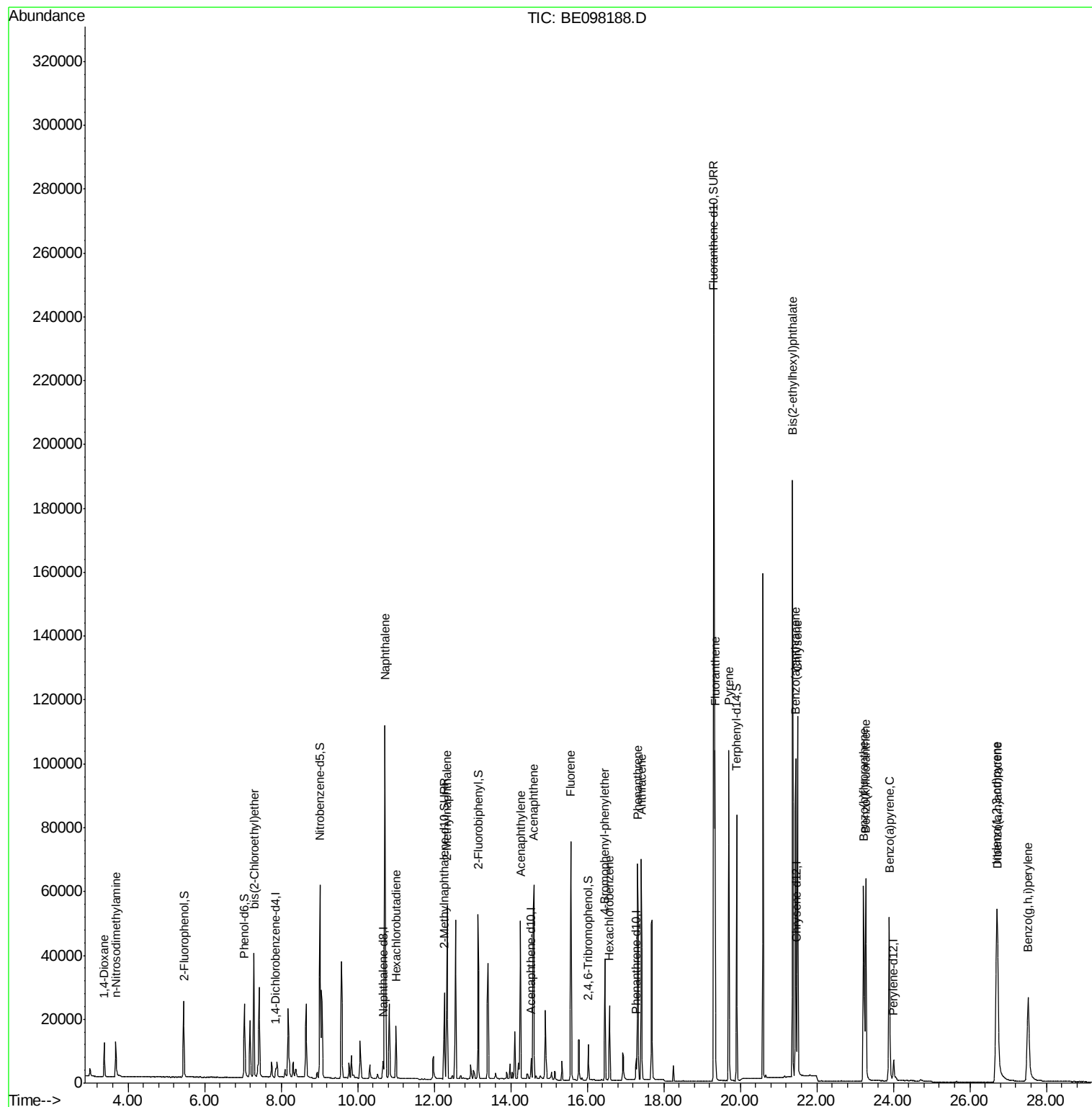
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	5625	3.241	ng	96
3) n-Nitrosodimethylamine	3.68	42	8426	3.634	ng	# 94
6) bis(2-Chloroethyl)ether	7.29	93	13728	3.297	ng	98
9) Naphthalene	10.72	128	185887	3.205	ng	99
10) Hexachlorobutadiene	11.00	225	11522	3.029	ng	99
12) 2-Methylnaphthalene	12.34	142	33899	3.275	ng	93
16) Acenaphthylene	14.25	152	59293	3.287	ng	99
17) Acenaphthene	14.60	154	35085	3.238	ng	99
18) Fluorene	15.57	166	45705	3.180	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	18337	3.378	ng	95
21) Hexachlorobenzene	16.58	284	18339	3.232	ng	99
23) Phenanthrene	17.31	178	71748	3.254	ng	99
24) Anthracene	17.41	178	70639	3.369	ng	99
26) Fluoranthene	19.34	202	89863	3.253	ng	100
28) Pyrene	19.70	202	92677	3.287	ng	100
30) Benzo(a)anthracene	21.45	228	96903	3.209	ng	100
31) Chrysene	21.50	228	95524	3.199	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	202858	1.898	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	95278	3.068	ng	# 91
35) Benzo(b)fluoranthene	23.22	252	89439	3.343	ng	# 95
36) Benzo(k)fluoranthene	23.28	252	93683	3.383	ng	97
37) Benzo(a)pyrene	23.89	252	86262	3.300	ng	96
38) Dibenzo(a,h)anthracene	26.72	278	79270	3.250	ng	# 89
39) Benzo(g,h,i)perylene	27.53	276	78613	3.238	ng	98

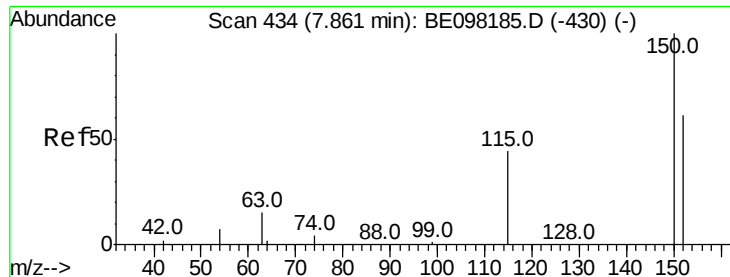
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 12 11:35:26 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

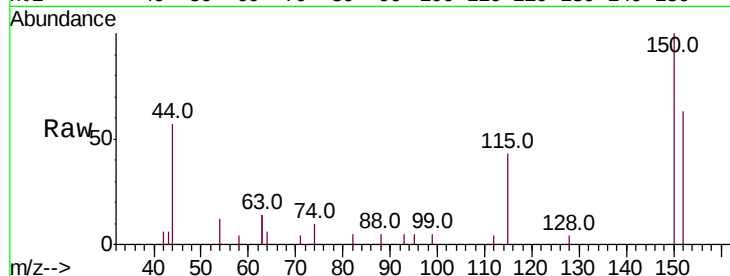
Tot Ion:152 Resp: 1164

Ion Ratio Lower Upper

152 100

150 158.0 127.5 191.3

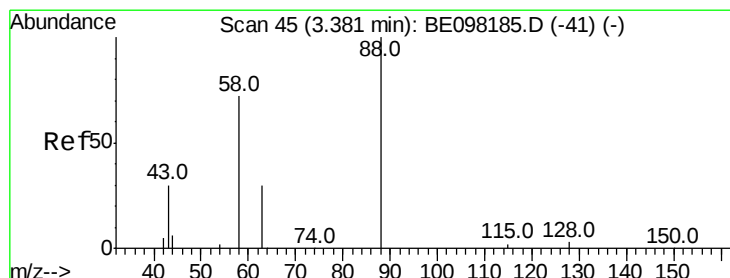
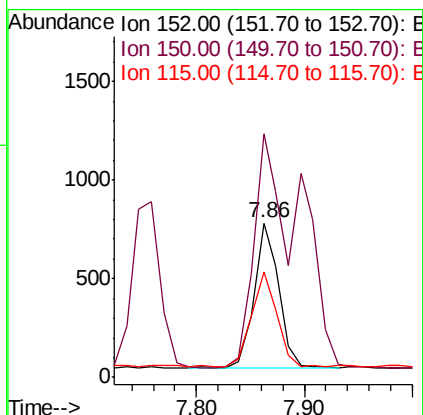
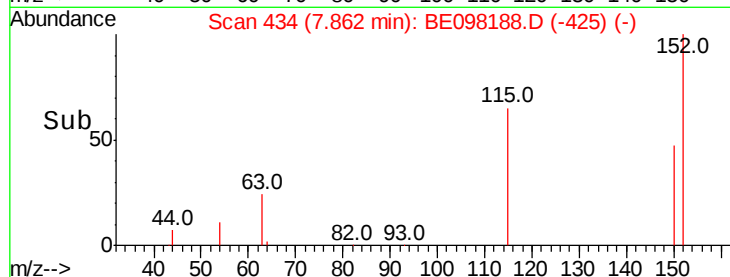
115 68.4 60.3 90.5



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: 3.241 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

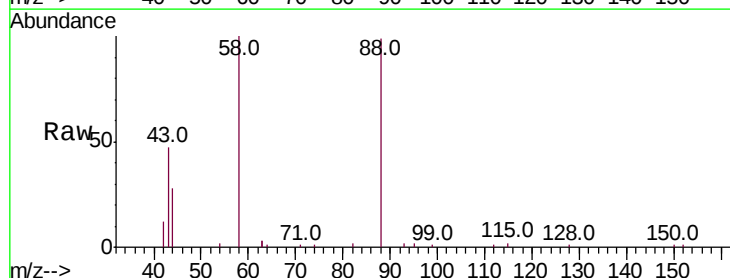
Tgt Ion: 88 Resp: 5625

Ion Ratio Lower Upper

88 100

58 93.7 79.0 118.4

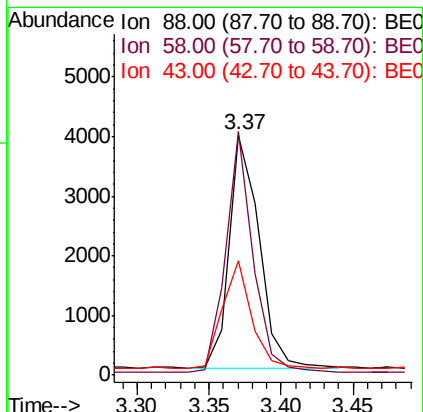
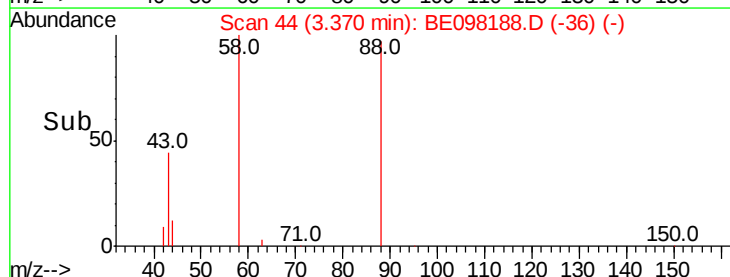
43 45.8 38.1 57.1

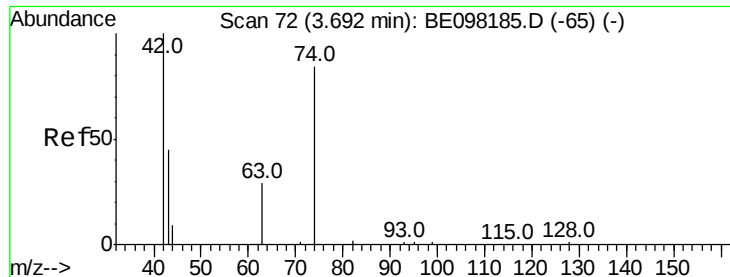


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



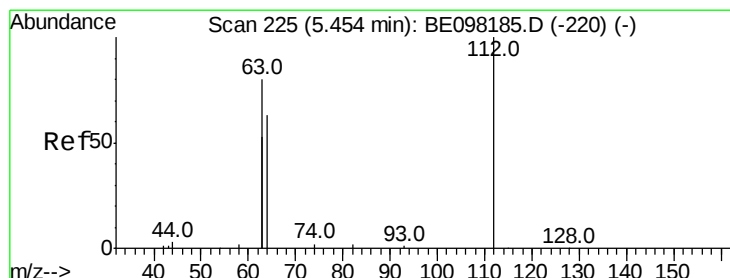
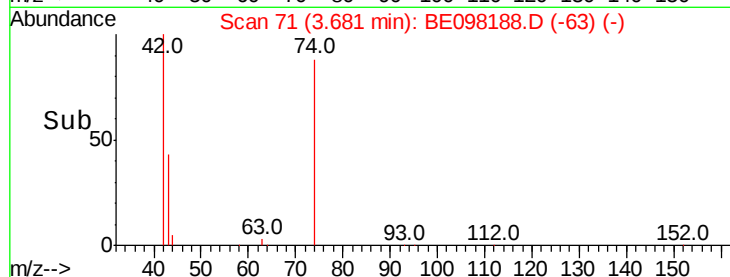
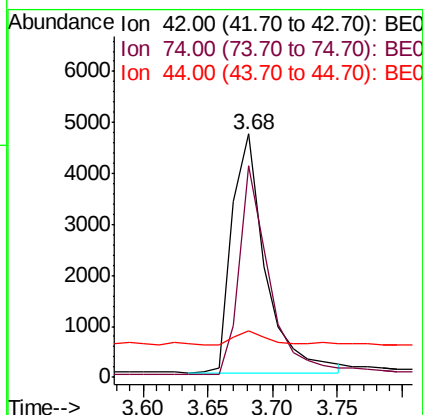
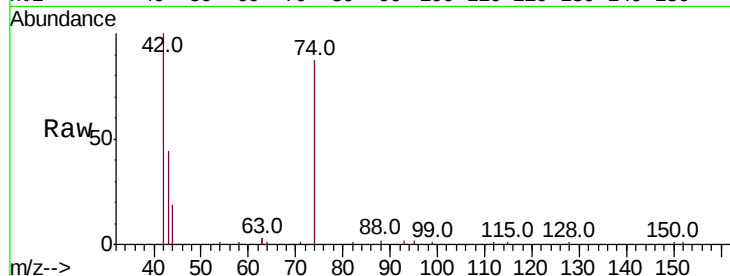


#3

n-Nitrosodimethylamine
Concen: 3.634 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098188.D
Acq: 12 Nov 2018 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

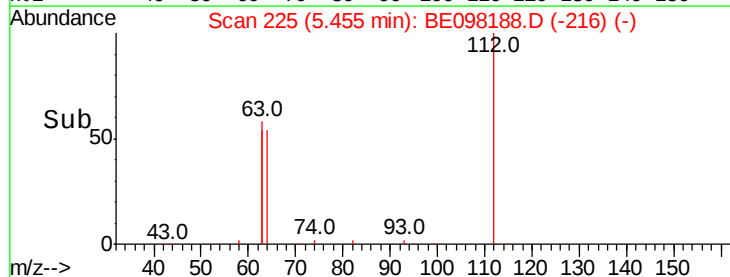
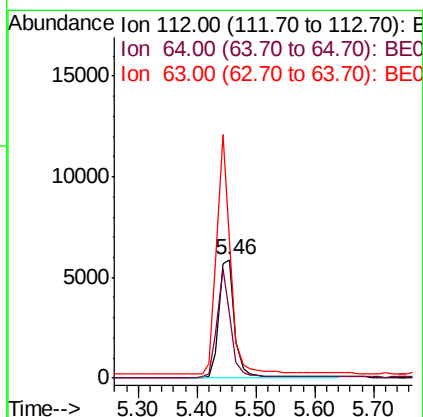
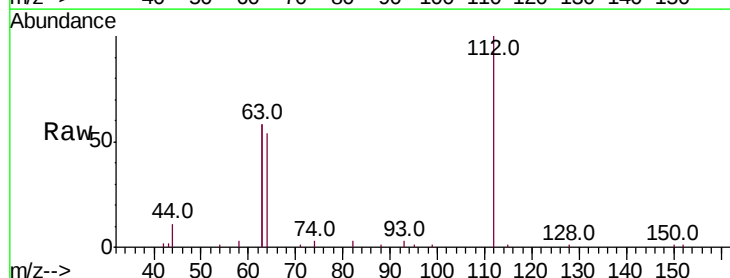
Tot Ion: 42 Resp: 8426
Ion Ratio Lower Upper
42 100
74 78.4 61.7 92.5
44 6.9 14.0 21.0#

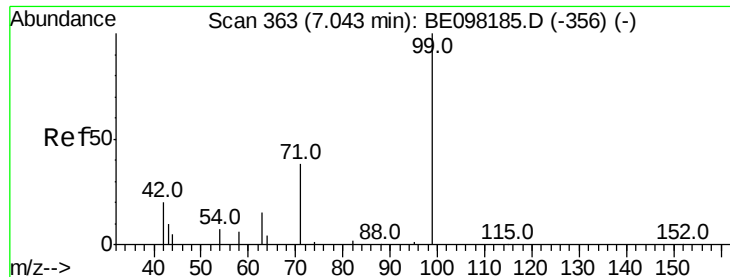


#4

2-Fluorophenol
Concen: 3.113 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098188.D
Acq: 12 Nov 2018 12:58

Tgt Ion: 112 Resp: 10755
Ion Ratio Lower Upper
112 100
64 78.0 61.7 92.5
63 176.1 136.2 204.2





#5

Phenol-d6

Concen: 3.159 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

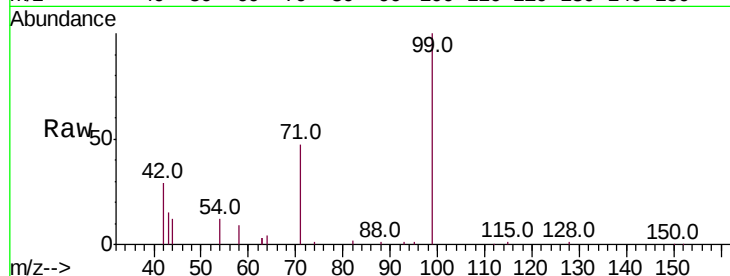
Tot Ion: 99 Resp: 17977

Ion Ratio Lower Upper

99 100

42 31.2 27.1 40.7

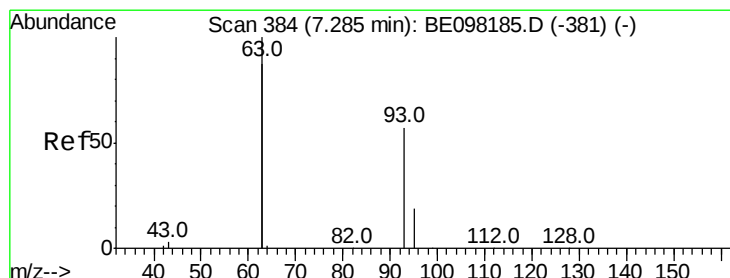
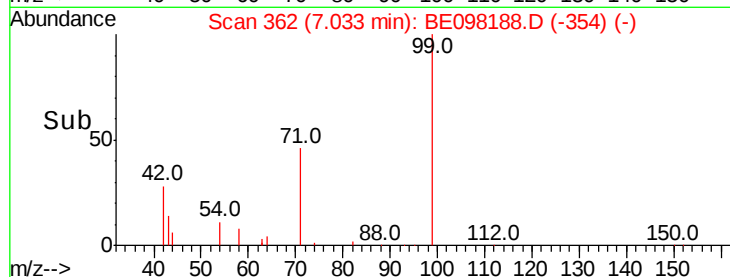
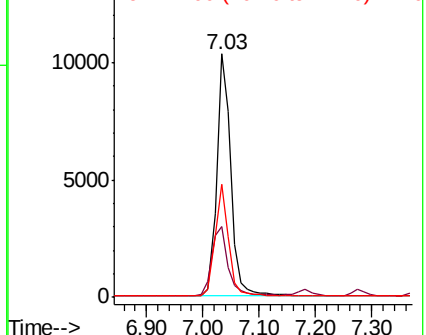
71 44.0 37.0 55.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.297 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

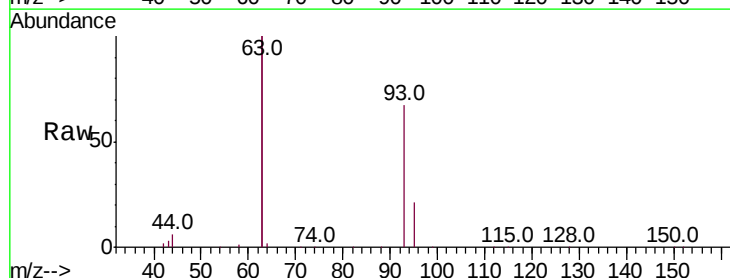
Tgt Ion: 93 Resp: 13728

Ion Ratio Lower Upper

93 100

63 344.4 272.6 409.0

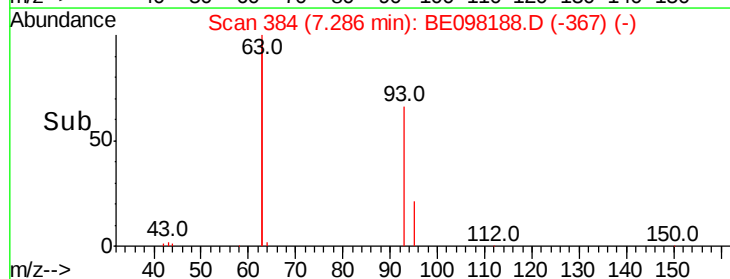
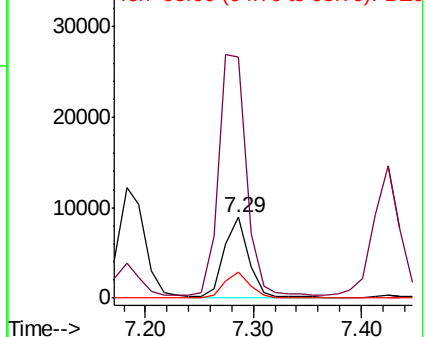
95 32.4 27.1 40.7

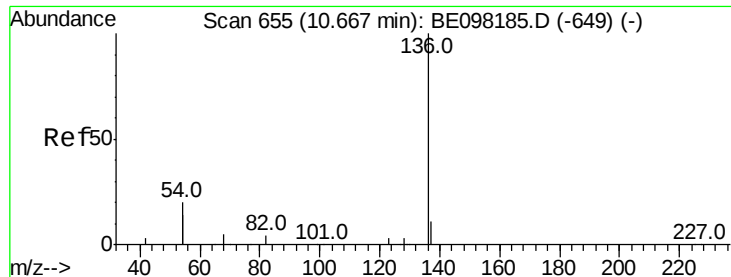


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 5802

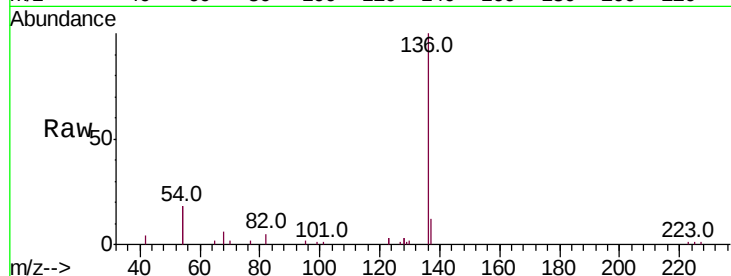
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 36.1 31.3 46.9

68 5.8 4.8 7.2

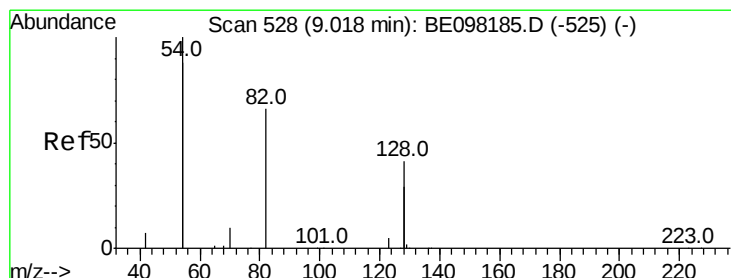
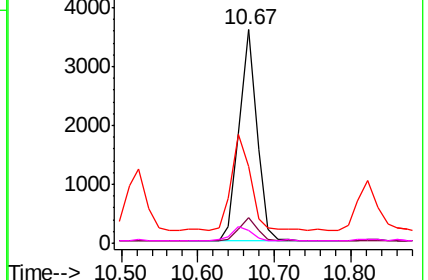
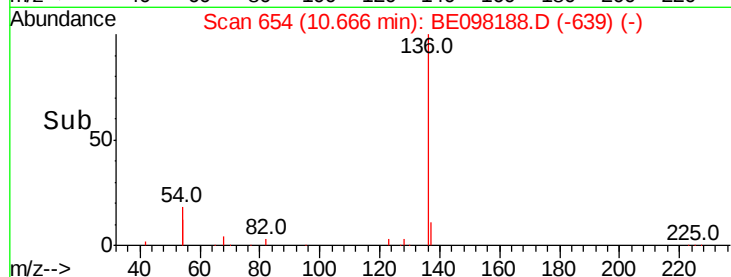


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 3.154 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

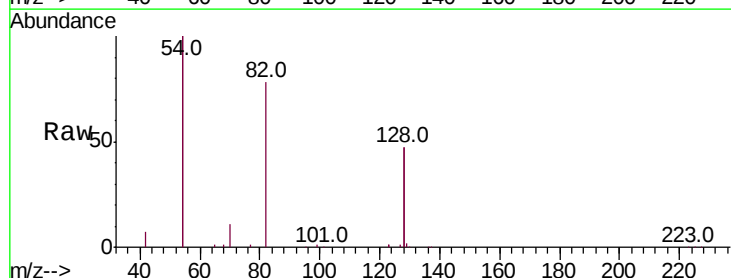
Tgt Ion: 82 Resp: 19623

Ion Ratio Lower Upper

82 100

128 120.5 96.1 144.1

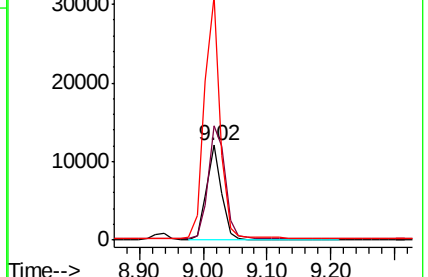
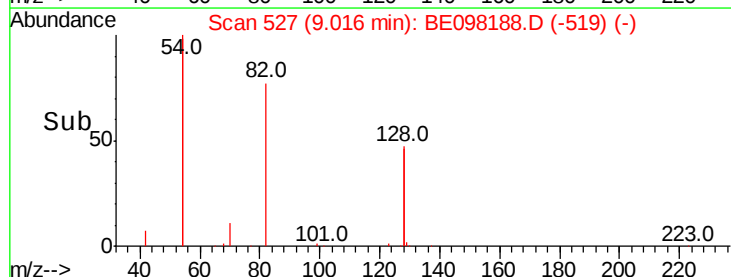
54 256.3 232.0 348.0

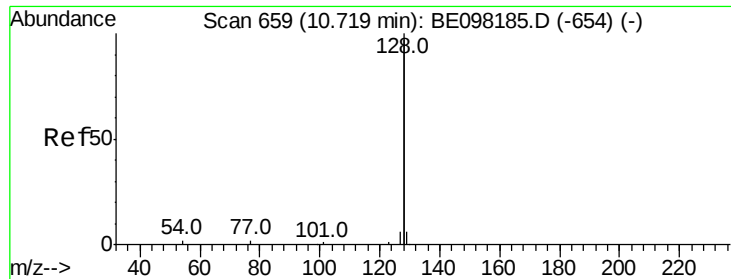


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.205 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

BNA_E

ClientSampled :

SSTDICC3.2

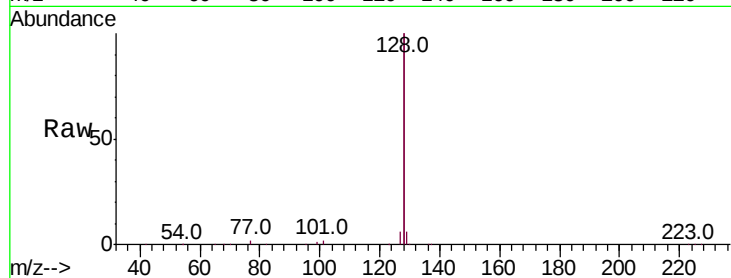
Tot Ion:128 Resp: 185887

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

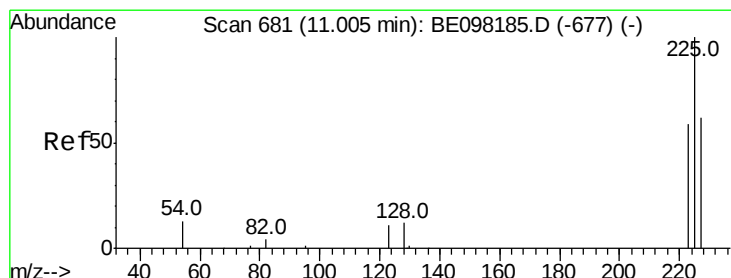
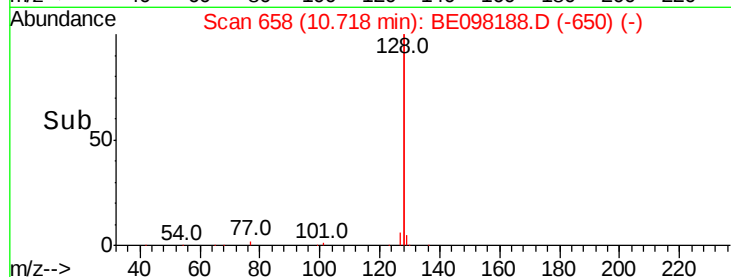
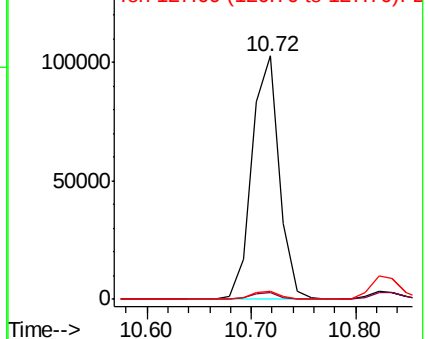
127 3.2 2.8 4.2



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: 3.029 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

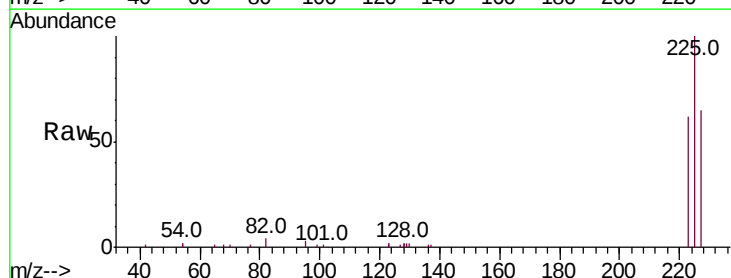
Tgt Ion:225 Resp: 11522

Ion Ratio Lower Upper

225 100

223 62.8 50.5 75.7

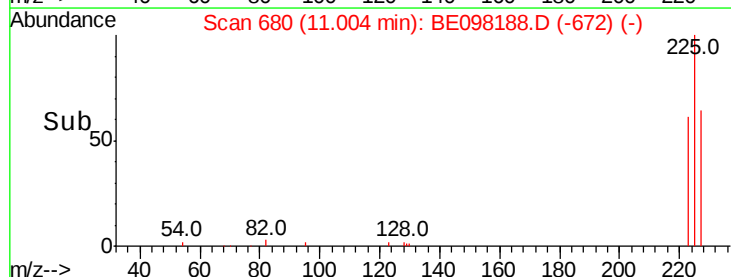
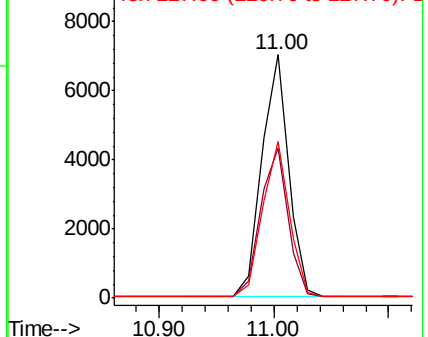
227 64.0 50.3 75.5

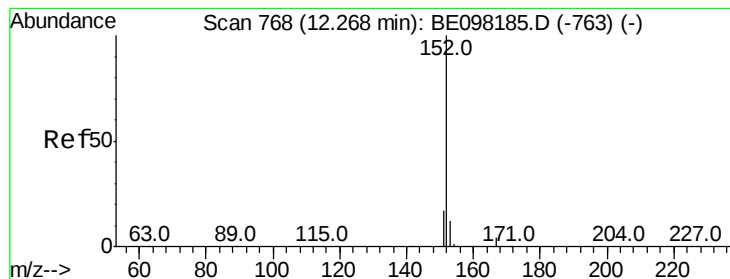


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.180 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

BNA_E

ClientSampleId :

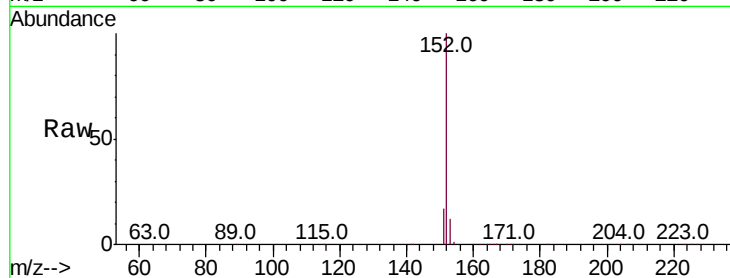
SSTDICC3.2

Tot Ion:152 Resp: 32521

Ion Ratio Lower Upper

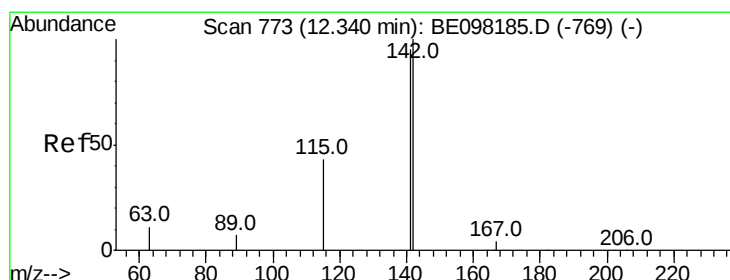
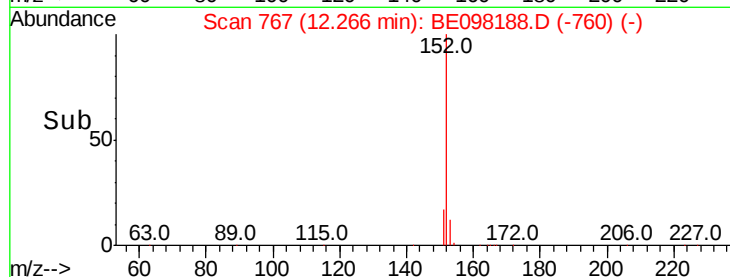
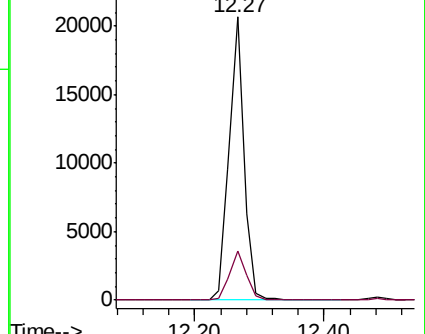
152 100

151 19.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.275 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

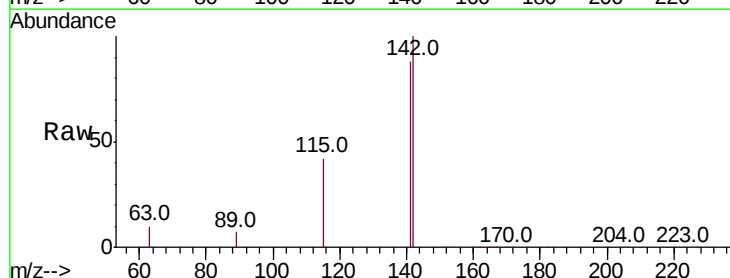
Tgt Ion:142 Resp: 33899

Ion Ratio Lower Upper

142 100

141 87.6 76.3 114.5

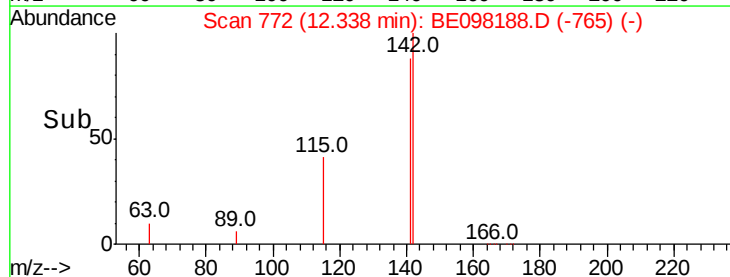
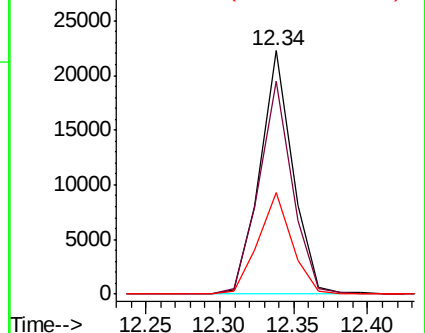
115 41.6 35.8 53.8

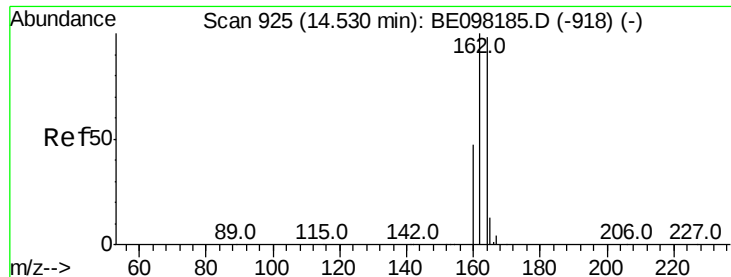


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

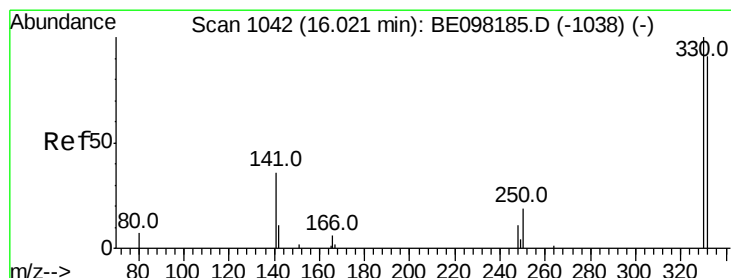
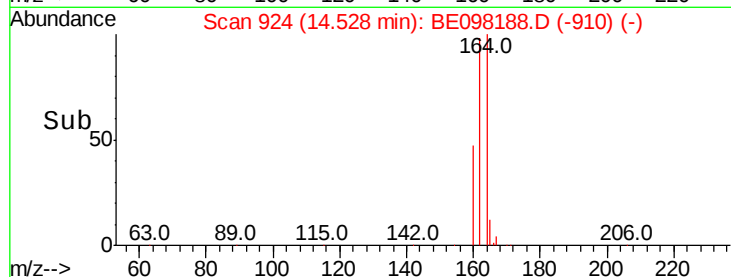
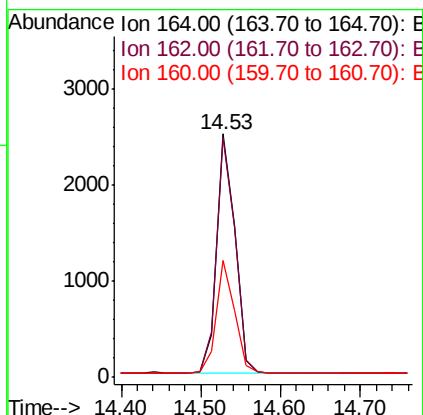
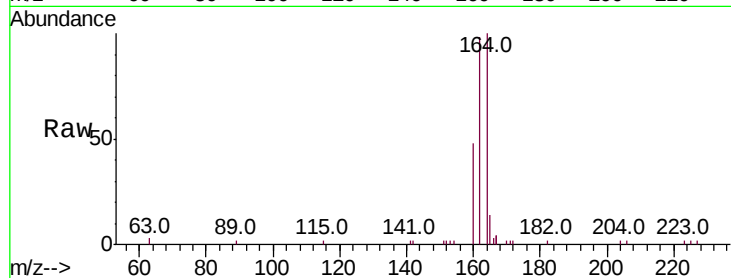




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098188.D
Acq: 12 Nov 2018 12:58

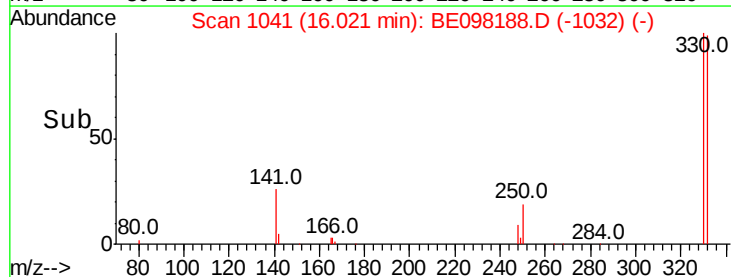
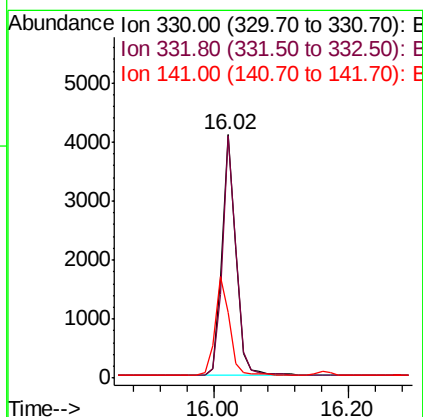
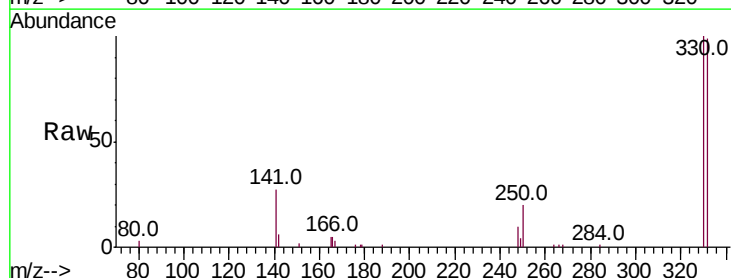
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

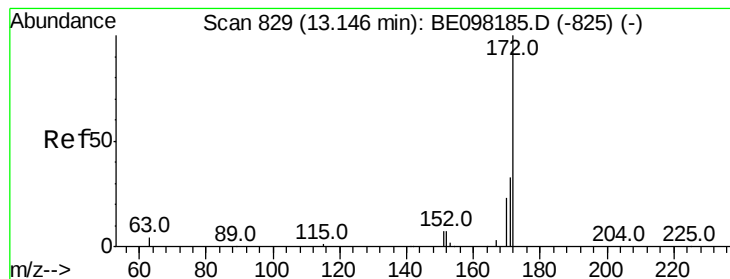
Tot Ion:164 Resp: 3955
Ion Ratio Lower Upper
164 100
162 98.3 81.8 122.6
160 48.0 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 3.252 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098188.D
Acq: 12 Nov 2018 12:58

Tgt Ion:330 Resp: 6091
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 40.6 33.6 50.4





#15

2-Fluorobiphenyl

Concen: 3.011 ng

RT: 13.14 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

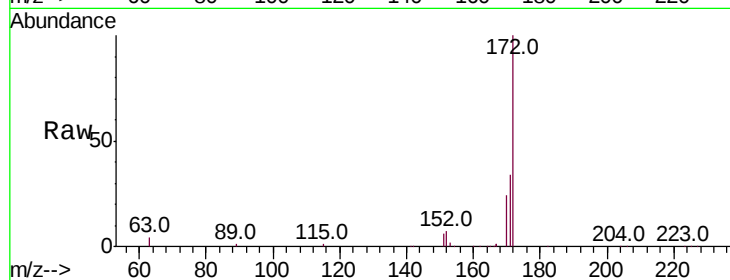
BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:172 Resp: 48967

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.3	40.9
170	23.8	19.4	29.0

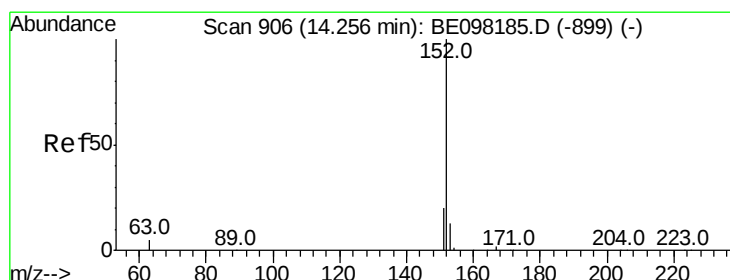
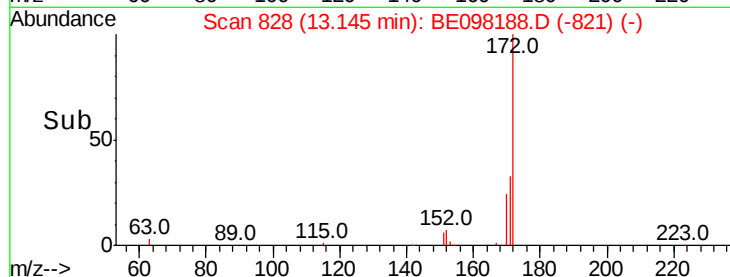
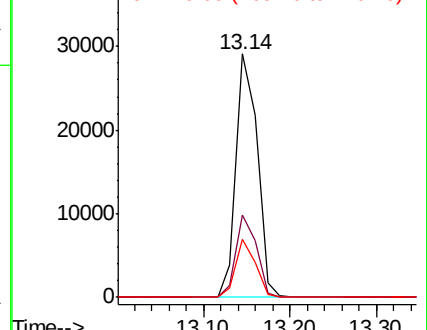


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 3.287 ng

RT: 14.25 min Scan# 905

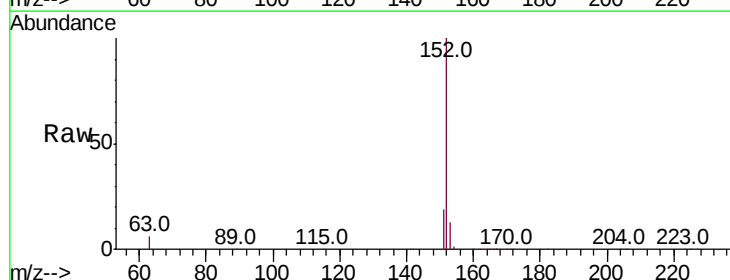
Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Tgt Ion:152 Resp: 59293

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.4	24.6
153	13.1	10.6	15.8

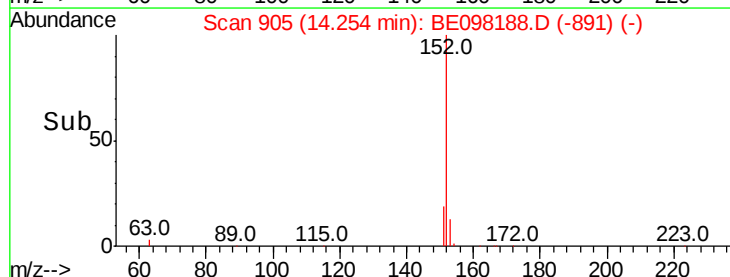
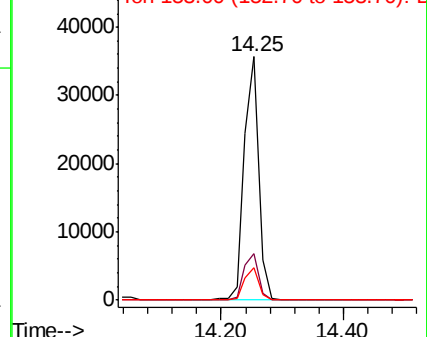


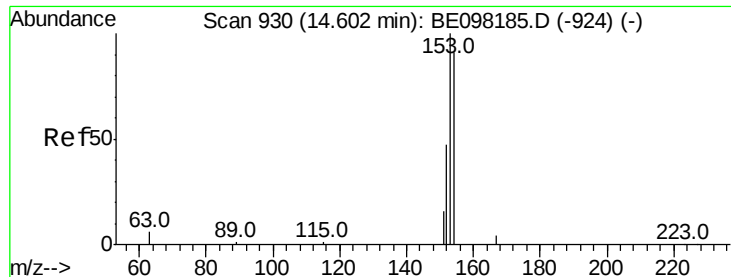
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 3.238 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

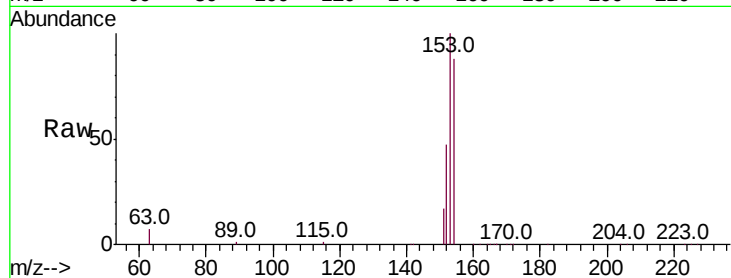
Tot Ion:154 Resp: 35085

Ion Ratio Lower Upper

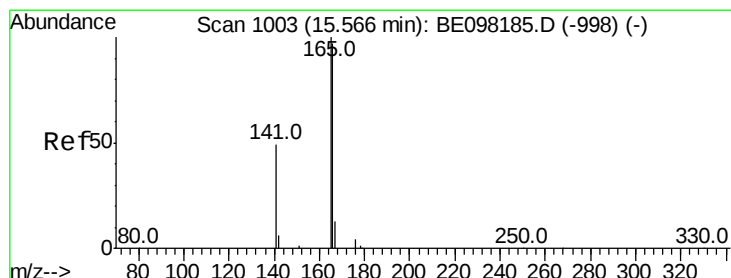
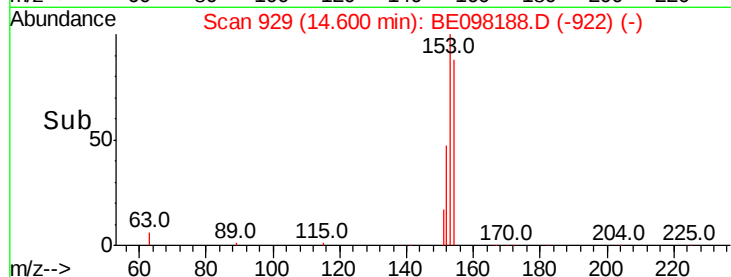
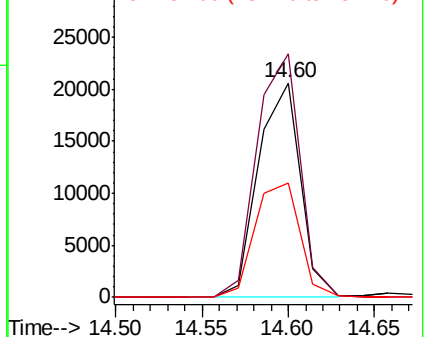
154 100

153 116.3 92.1 138.1

152 56.7 46.2 69.2



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: 3.180 ng

RT: 15.57 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

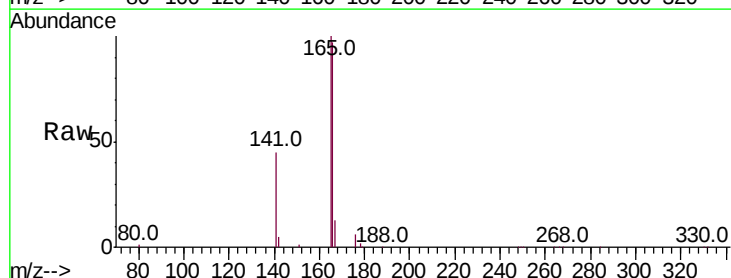
Tgt Ion:166 Resp: 45705

Ion Ratio Lower Upper

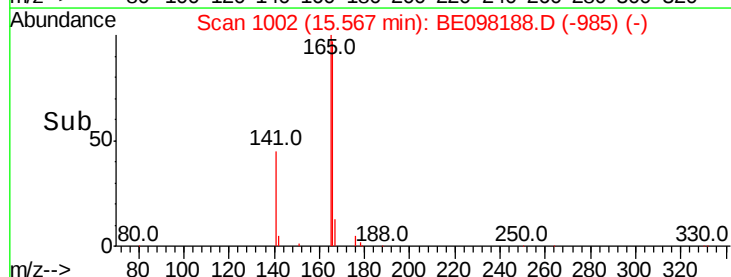
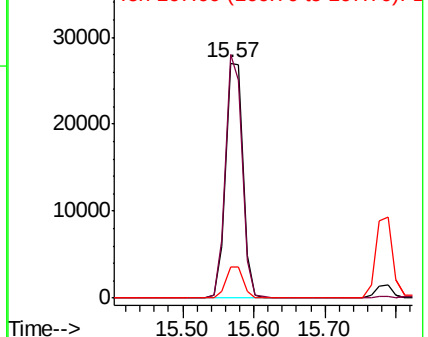
166 100

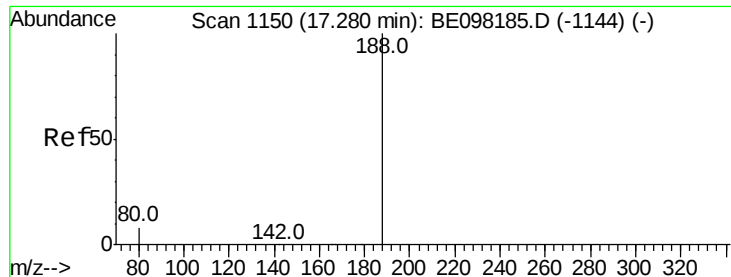
165 98.6 80.1 120.1

167 13.2 10.8 16.2



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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

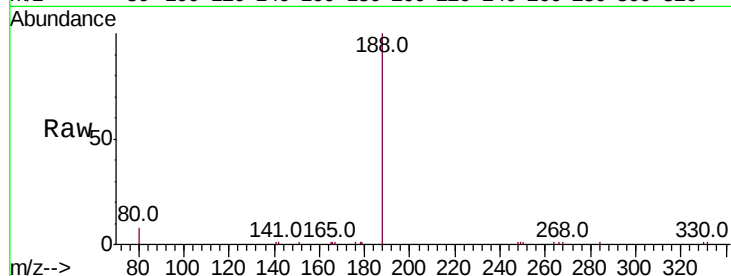
Tot Ion:188 Resp: 8901

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

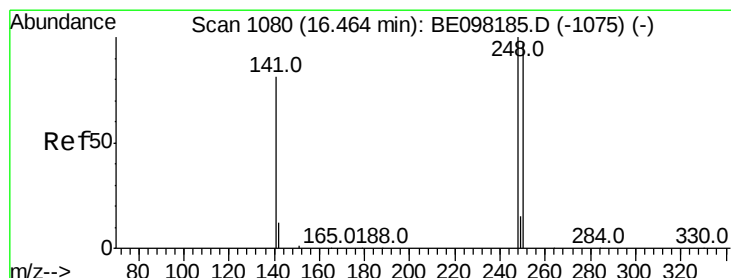
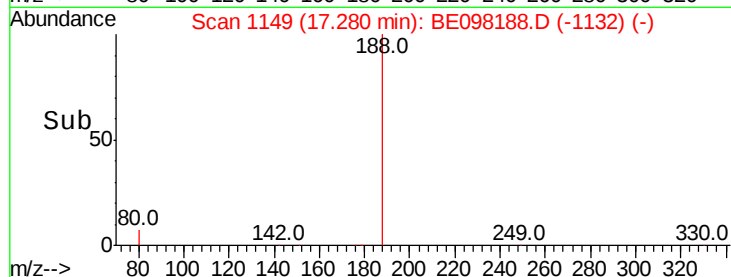
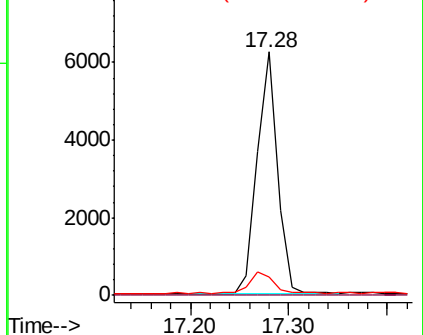
80 7.7 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 3.378 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

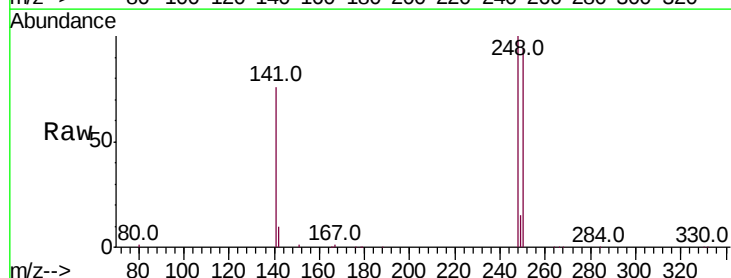
Tgt Ion:248 Resp: 18337

Ion Ratio Lower Upper

248 100

250 93.6 77.6 116.4

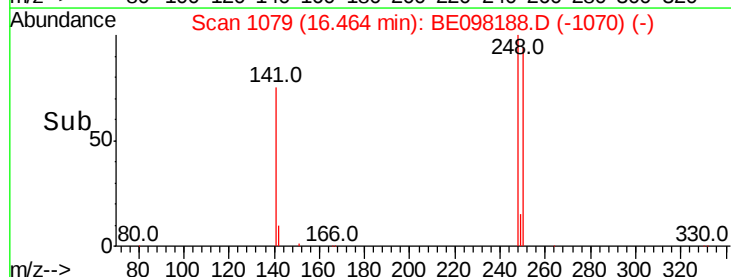
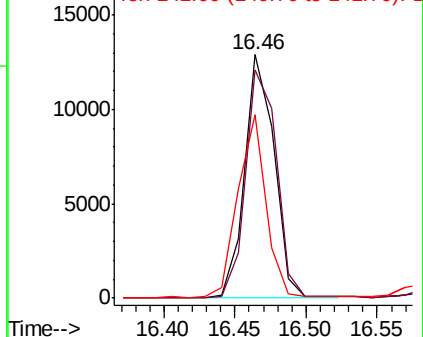
141 75.5 65.8 98.8

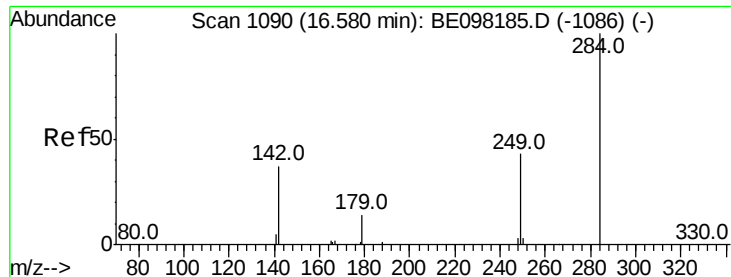


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.232 ng

RT: 16.58 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

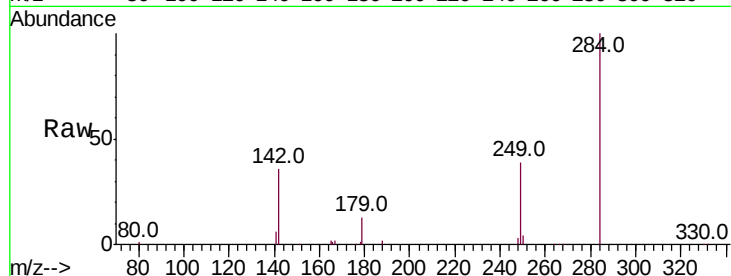
BNA_E

ClientSampleId :

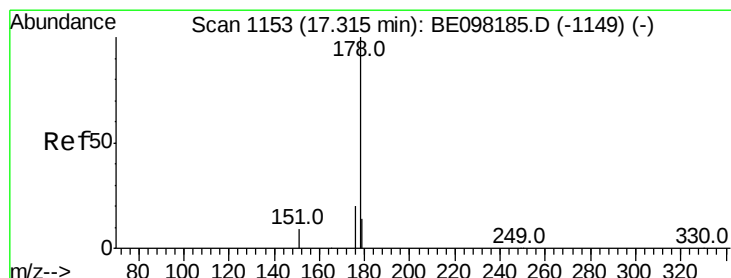
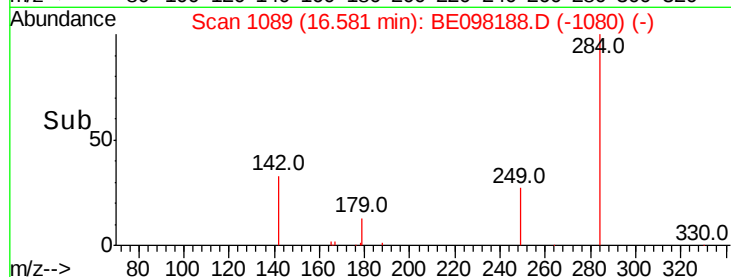
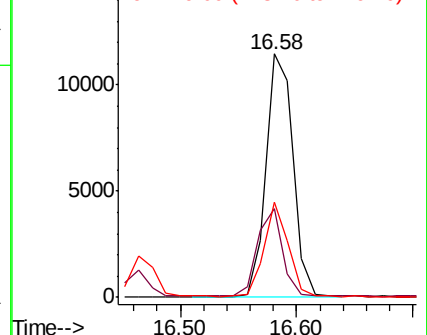
SSTDICC3.2

Tot Ion:284 Resp: 18339

Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.5	39.7
249	34.4	28.4	42.6



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



#23

Phenanthrene

Concen: 3.254 ng

RT: 17.31 min Scan# 1152

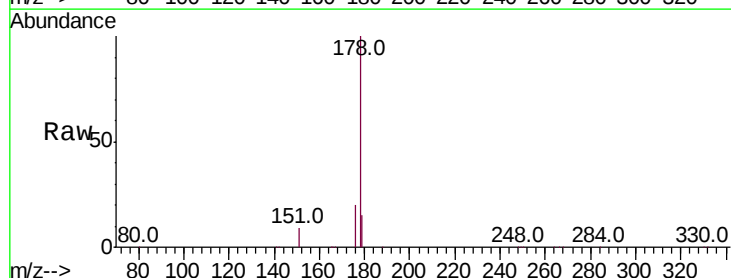
Delta R.T. 0.00 min

Lab File: BE098188.D

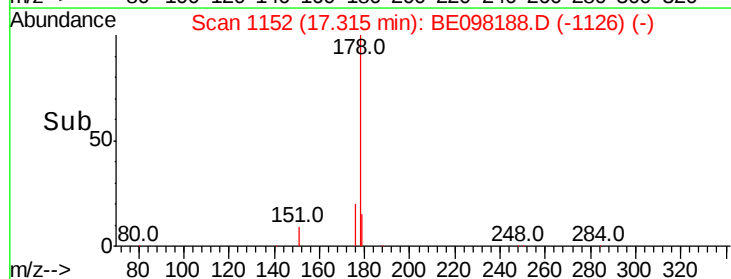
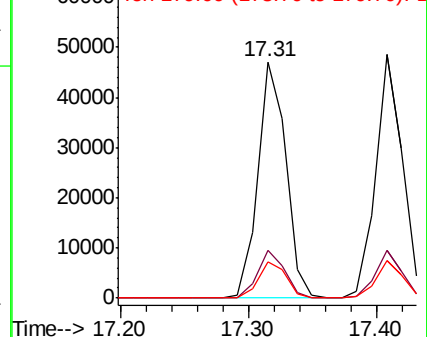
Acq: 12 Nov 2018 12:58

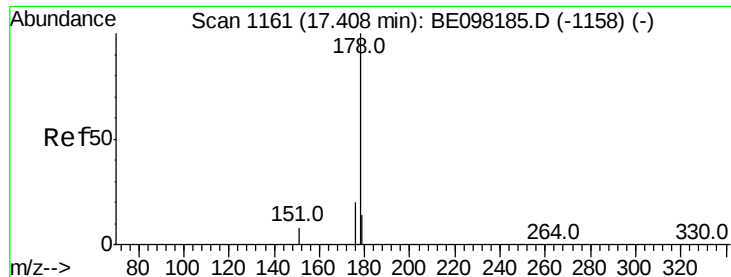
Tgt Ion:178 Resp: 71748

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.2	12.3	18.5



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: 3.369 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

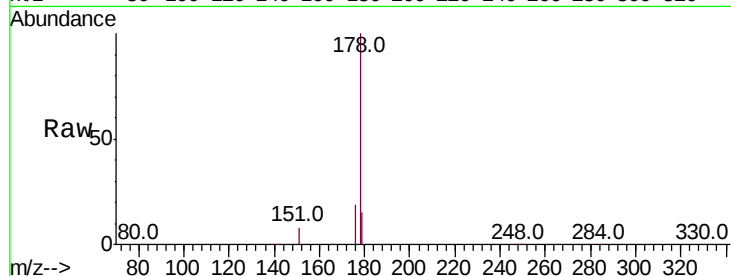
BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:178 Resp: 70639

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.3	12.1	18.1



Abundance

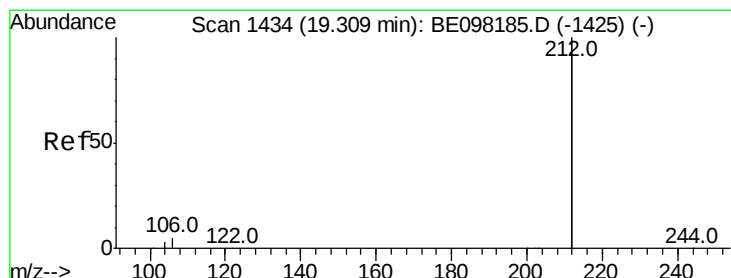
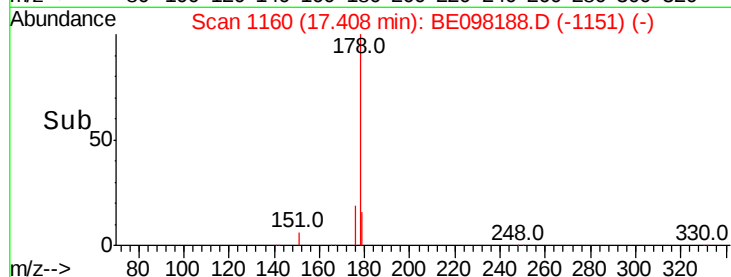
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.41

Time-->



#25

Fluoranthene-d10

Concen: 3.165 ng

RT: 19.31 min Scan# 1433

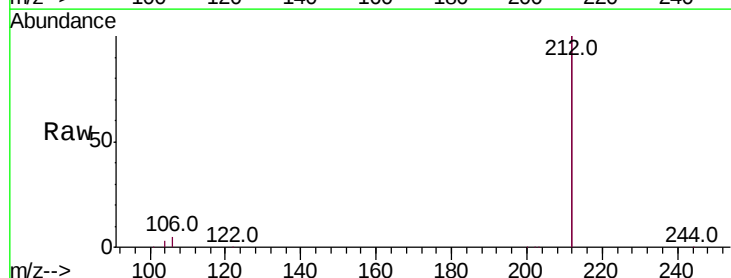
Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Tgt Ion:212 Resp: 363294

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.1	1.7



Abundance

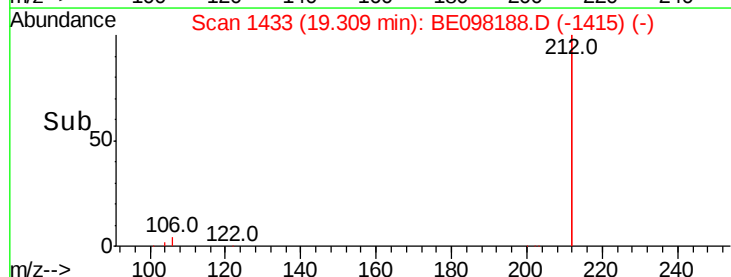
Ion 212.00 (211.70 to 212.70): E

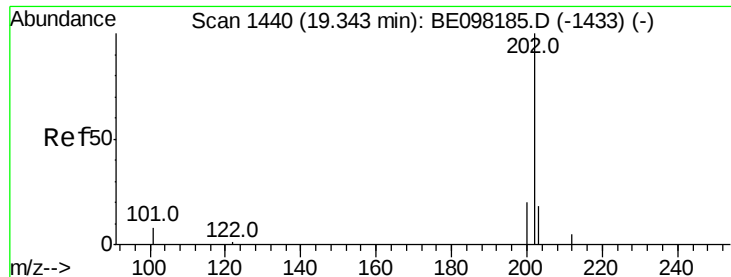
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

19.31

Time-->

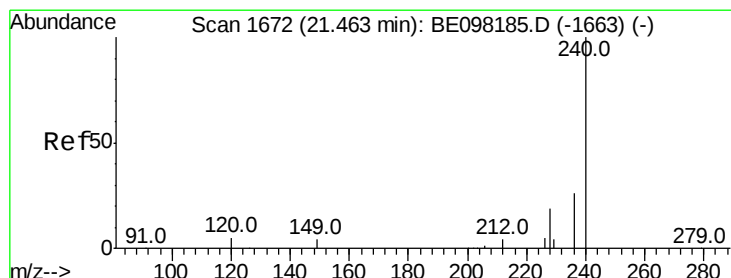
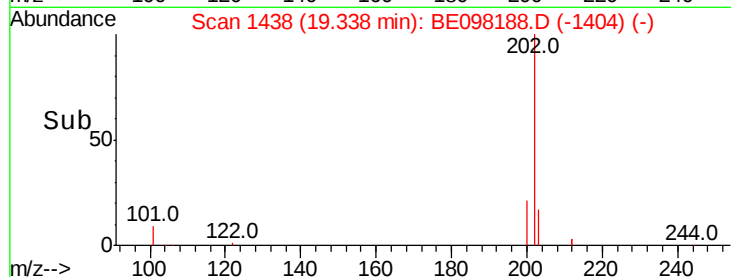
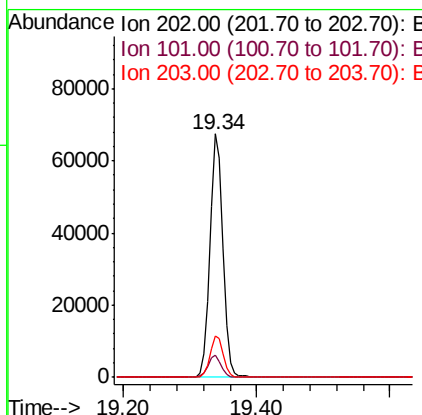
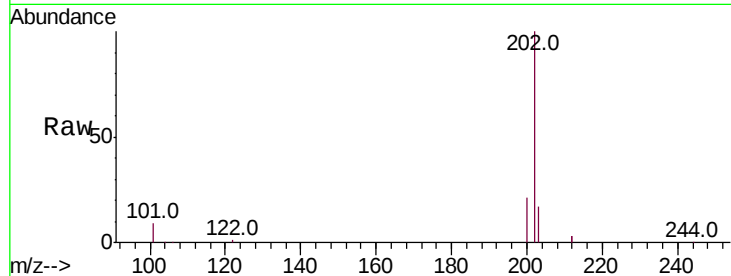




#26
 Fluoranthene
 Concen: 3.253 ng
 RT: 19.34 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BE098188.D
 Acq: 12 Nov 2018 12:58

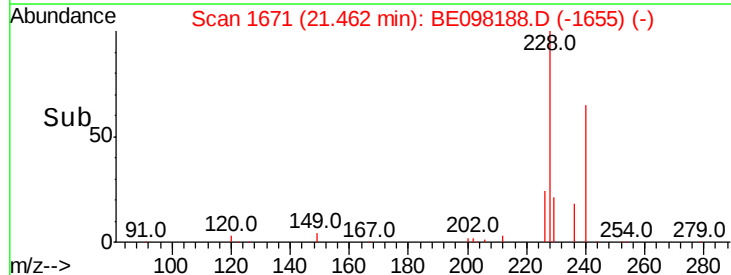
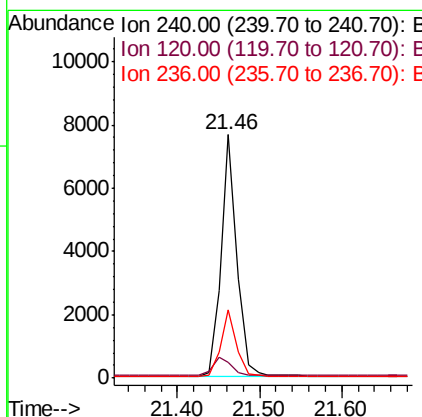
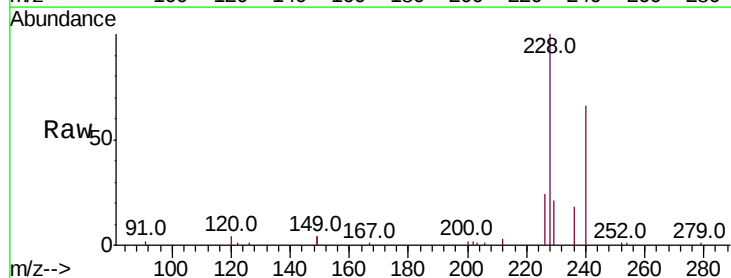
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

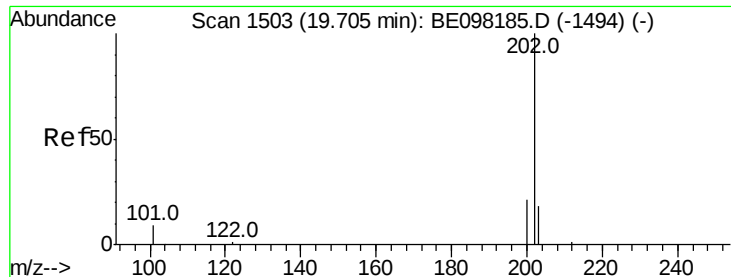
Tot Ion:202 Resp: 89863
 Ion Ratio Lower Upper
 202 100
 101 9.0 7.0 10.6
 203 17.2 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098188.D
 Acq: 12 Nov 2018 12:58

Tgt Ion:240 Resp: 10330
 Ion Ratio Lower Upper
 240 100
 120 6.3 4.8 7.2
 236 28.2 21.4 32.0





#28

Pvrene

Concen: 3.287 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

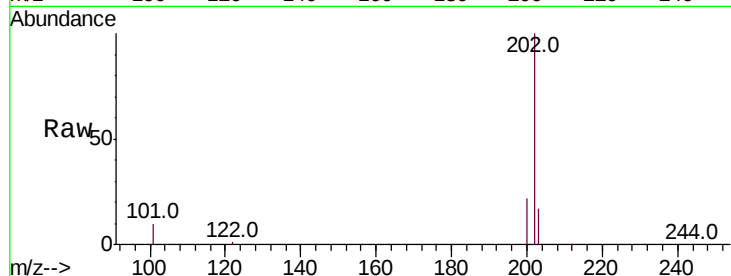
Tot Ion:202 Resp: 92677

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

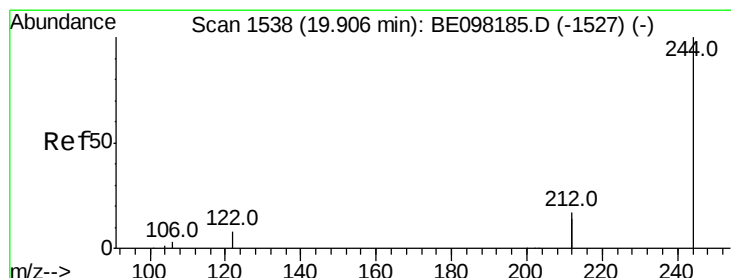
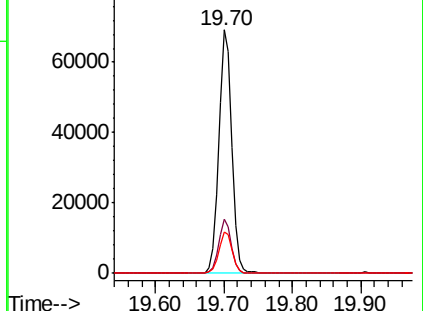
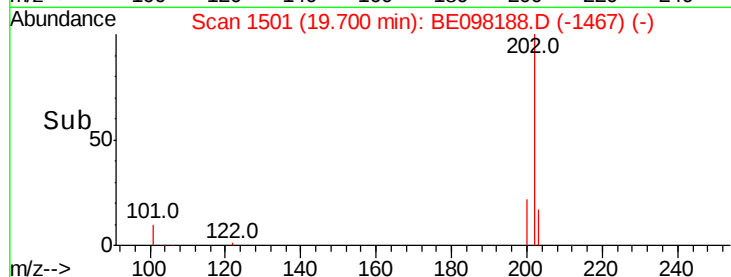
203 17.5 14.2 21.4



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: 3.091 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

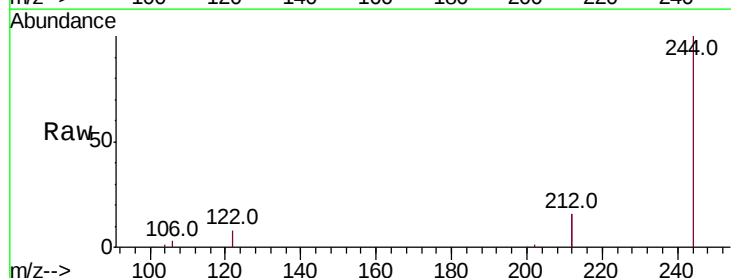
Tgt Ion:244 Resp: 74262

Ion Ratio Lower Upper

244 100

212 32.0 26.8 40.2

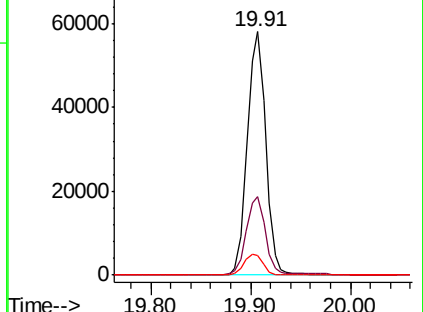
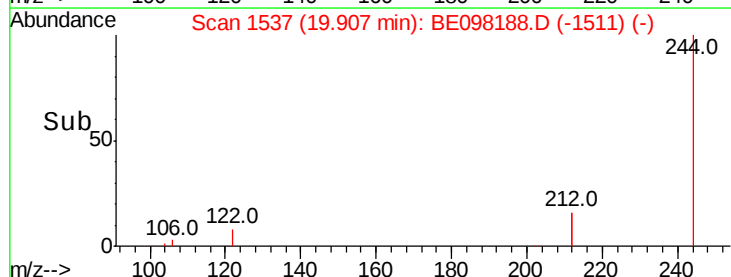
122 7.9 7.0 10.6

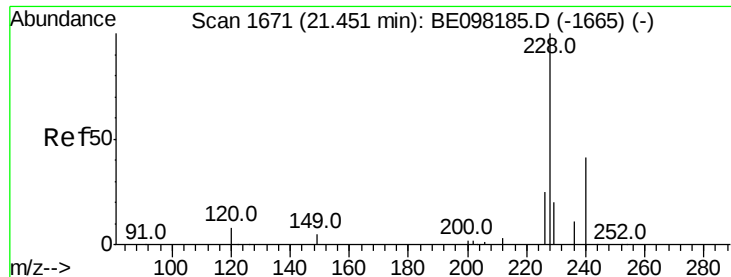


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

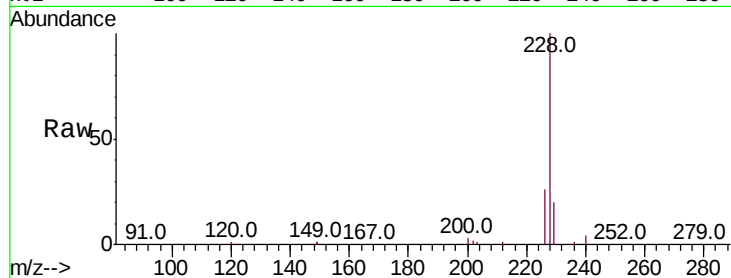




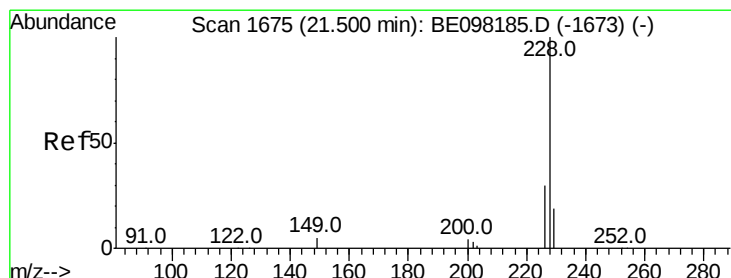
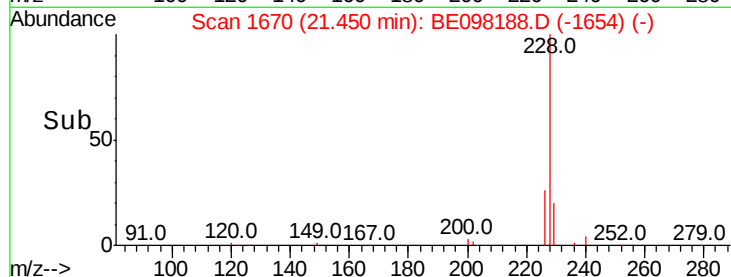
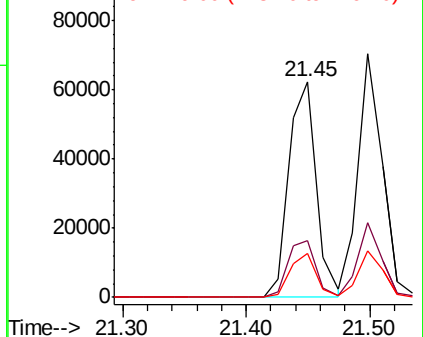
#30
Benzo(a)anthracene
Concen: 3.209 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098188.D
Acq: 12 Nov 2018 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:228 Resp: 96903
Ion Ratio Lower Upper
228 100
226 26.1 20.7 31.1
229 20.1 16.2 24.4

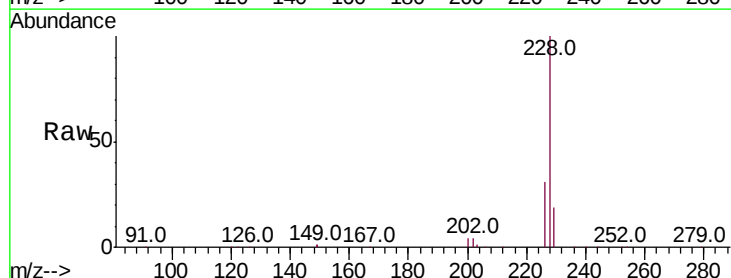


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

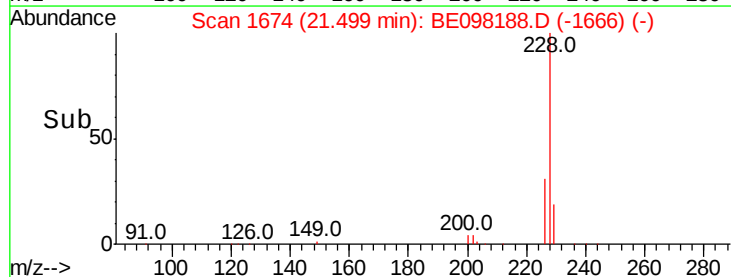
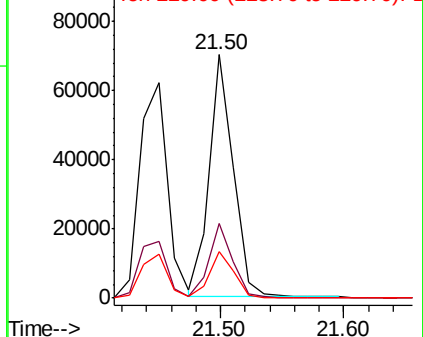


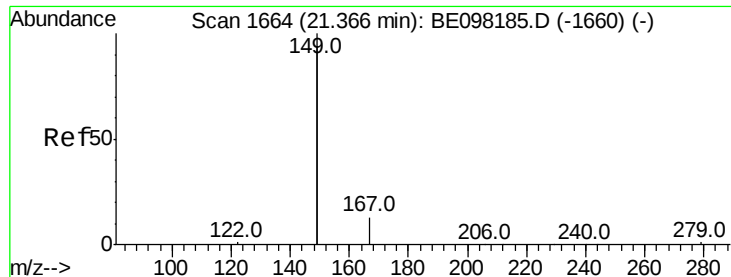
#31
Chrysene
Concen: 3.199 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098188.D
Acq: 12 Nov 2018 12:58

Tgt Ion:228 Resp: 95524
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 19.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.898 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

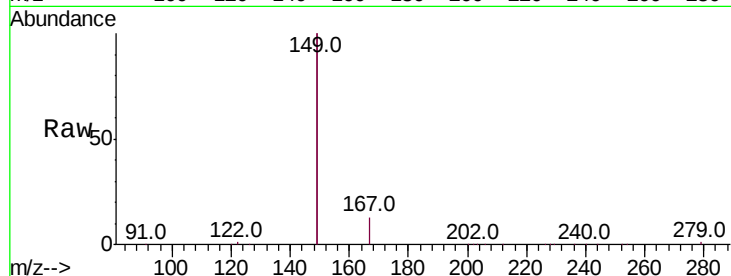
Tot Ion:149 Resp: 202858

Ion Ratio Lower Upper

149 100

167 7.0 5.6 8.4

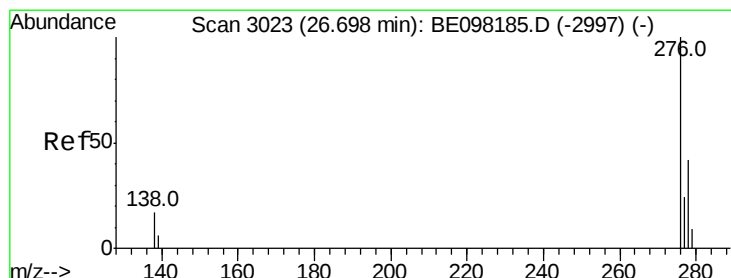
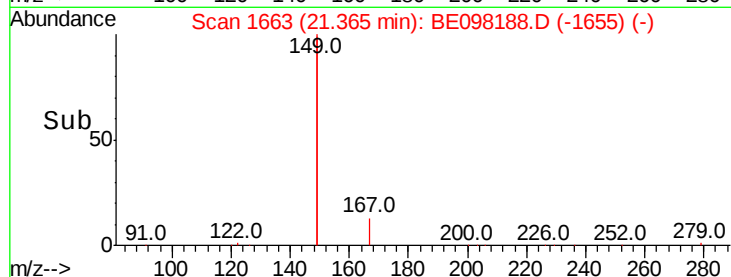
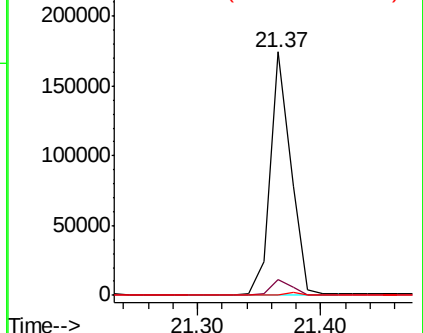
279 1.1 0.9 1.3



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: 3.068 ng

RT: 26.70 min Scan# 3022

Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

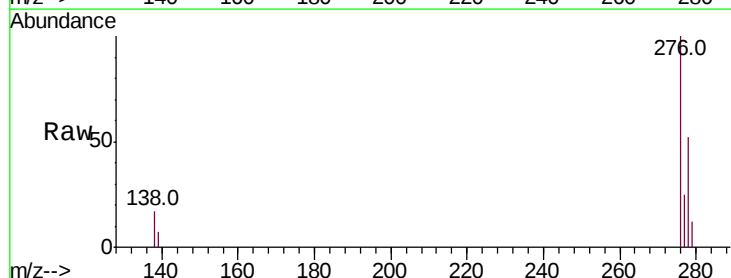
Tgt Ion:276 Resp: 95278

Ion Ratio Lower Upper

276 100

138 18.0 6.4 9.6#

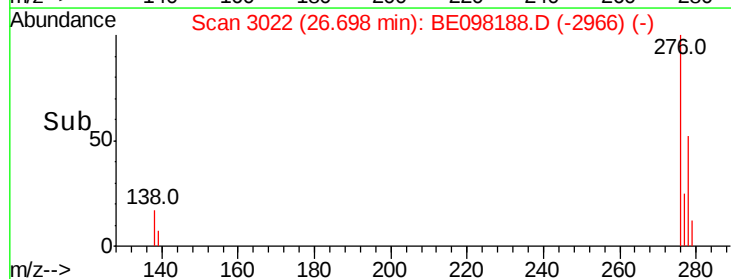
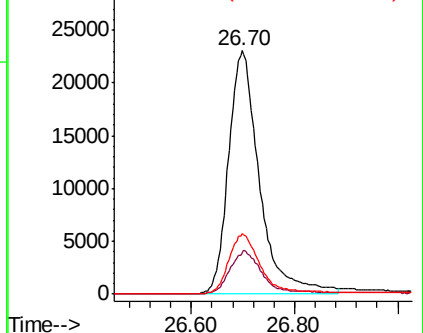
277 24.7 18.9 28.3

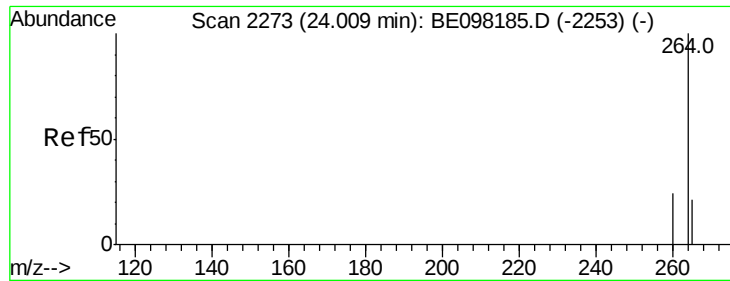


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

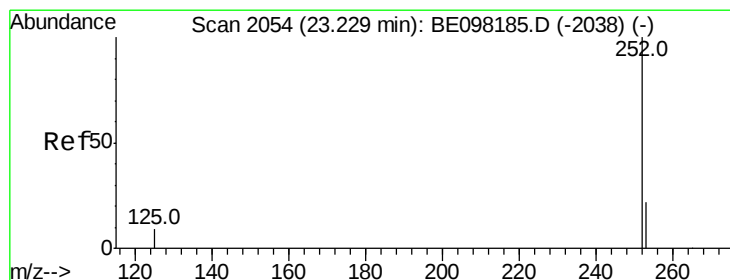
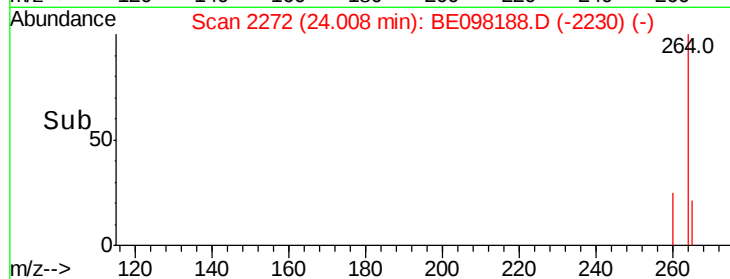
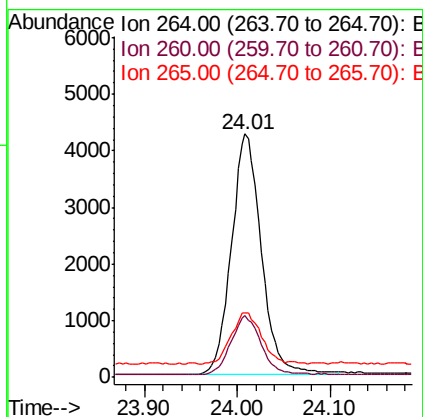
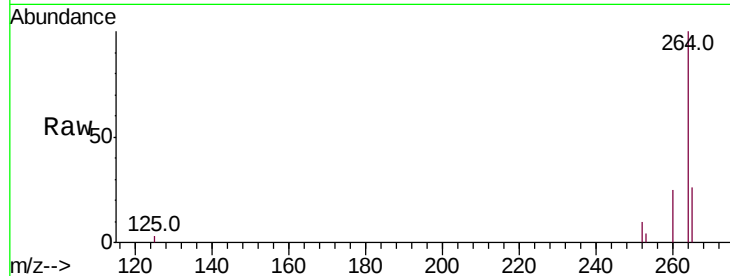




#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098188.D
Acq: 12 Nov 2018 12:58

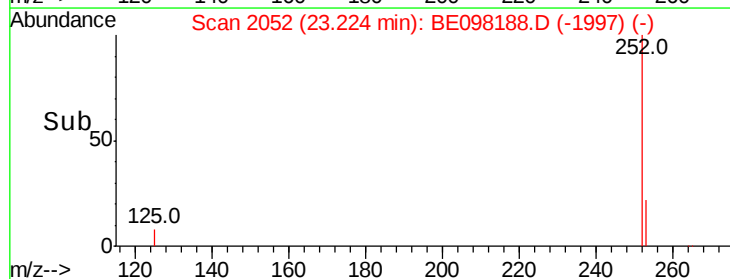
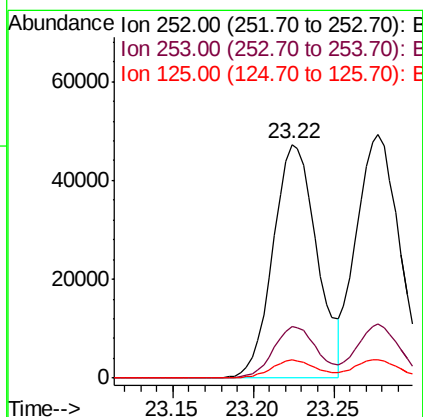
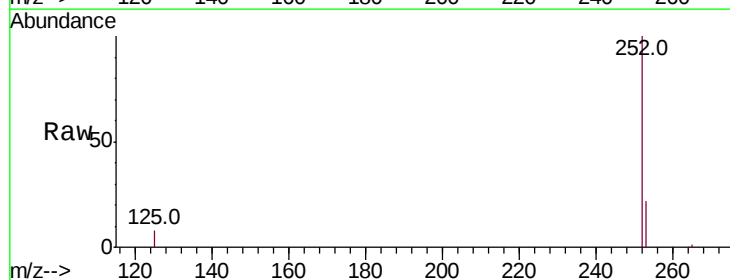
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

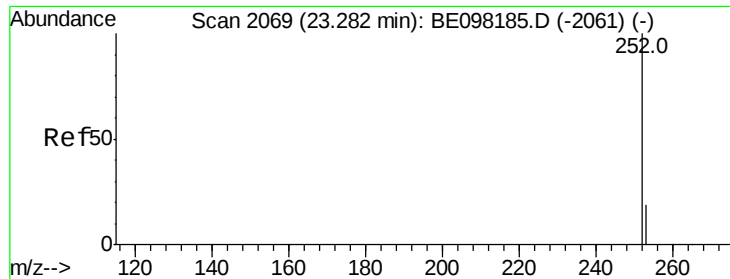
Tot Ion:264 Resp: 9500
Ion Ratio Lower Upper
264 100
260 25.4 19.9 29.9
265 26.3 21.3 31.9



#35
Benzo(b)fluoranthene
Concen: 3.343 ng
RT: 23.22 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BE098188.D
Acq: 12 Nov 2018 12:58

Tgt Ion:252 Resp: 89439
Ion Ratio Lower Upper
252 100
253 22.1 19.4 29.0
125 7.7 8.6 12.8#

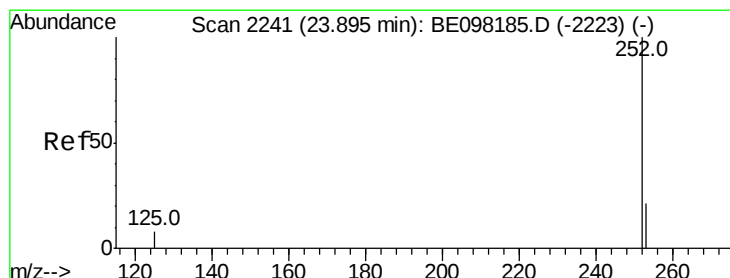
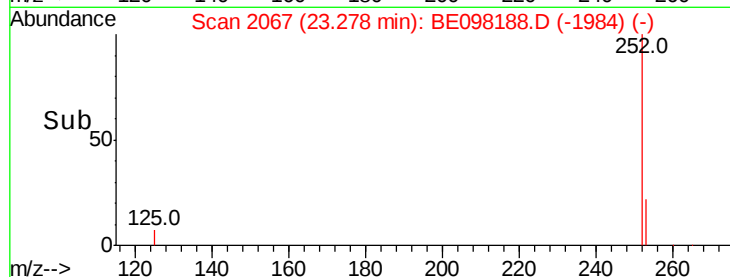
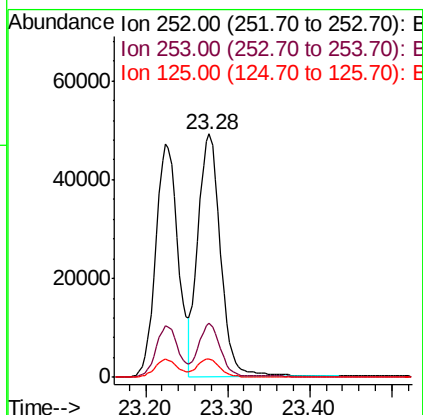
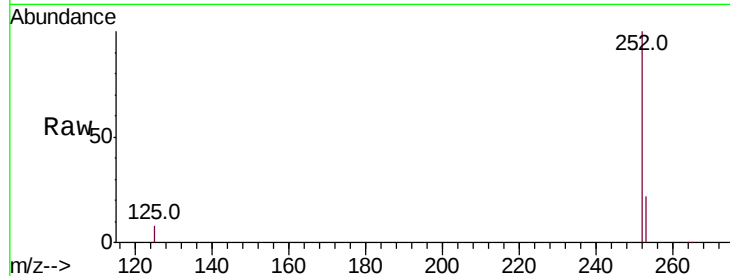




#36
Benzo(k)fluoranthene
Concen: 3.383 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098188.D
Acq: 12 Nov 2018 12:58

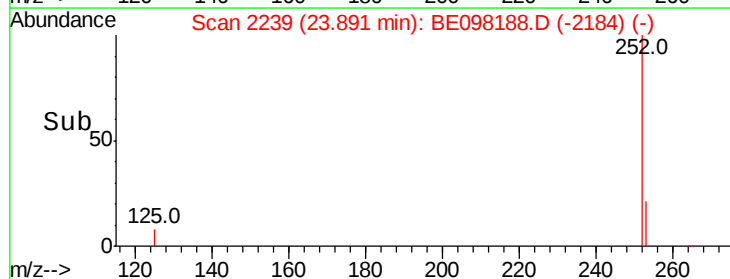
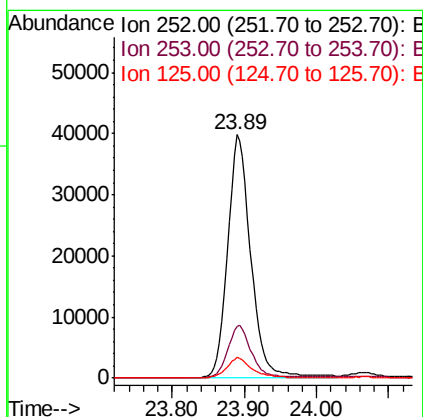
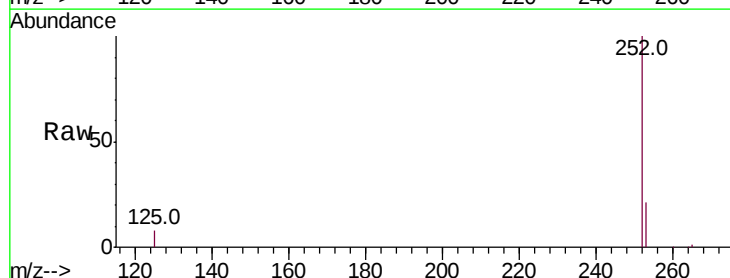
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

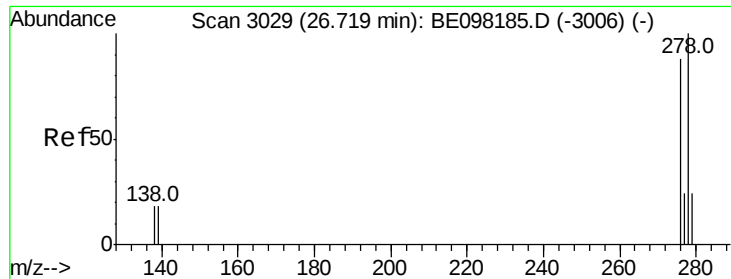
Tot Ion:252 Resp: 93683
Ion Ratio Lower Upper
252 100
253 22.0 18.6 28.0
125 7.6 7.4 11.0



#37
Benzo(a)pyrene
Concen: 3.300 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE098188.D
Acq: 12 Nov 2018 12:58

Tgt Ion:252 Resp: 86262
Ion Ratio Lower Upper
252 100
253 21.2 18.6 27.8
125 8.5 8.0 12.0





#38

Dibenzo(a,h)anthracene

Concen: 3.250 ng

RT: 26.72 min Scan# 3028

Delta R.T. 0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

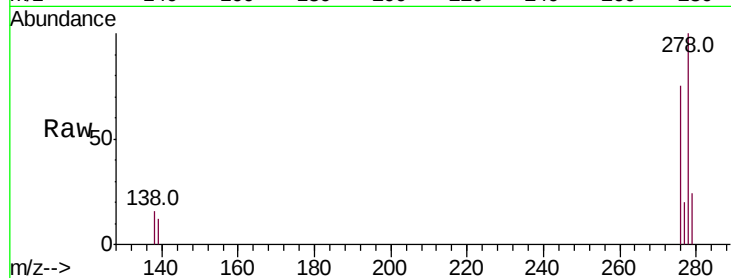
Tot Ion:278 Resp: 79270

Ion Ratio Lower Upper

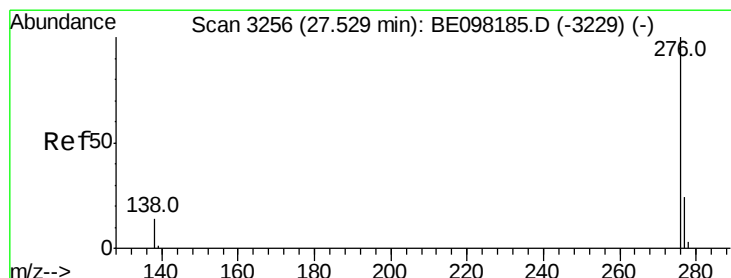
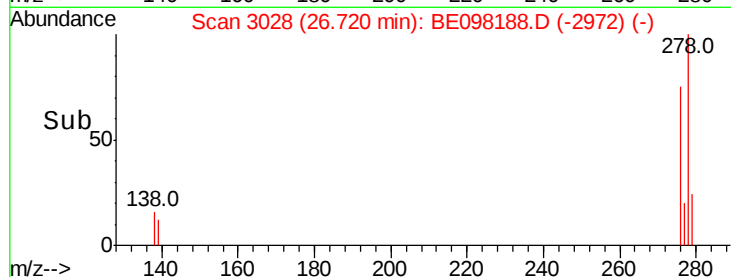
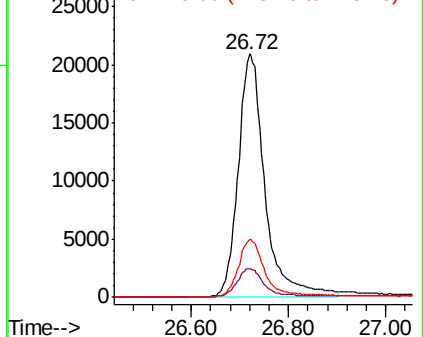
278 100

139 11.9 16.4 24.6#

279 23.9 21.3 31.9



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: 3.238 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.00 min

Lab File: BE098188.D

Acq: 12 Nov 2018 12:58

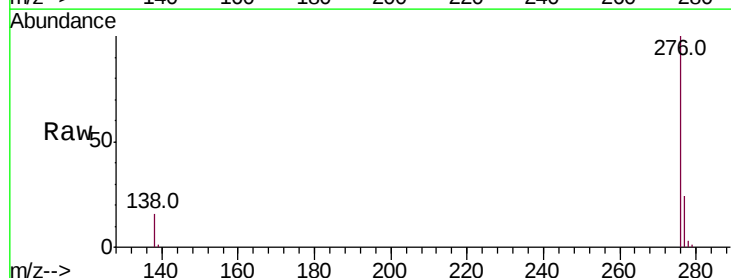
Tgt Ion:276 Resp: 78613

Ion Ratio Lower Upper

276 100

277 24.0 20.4 30.6

138 15.9 13.2 19.8



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

