

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
 Data File : BE097278.D
 Acq On : 15 Aug 2018 13:38
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Aug 15 14:21:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE081518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 13:00:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1061	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5519	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3052	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6903	0.40	ng	0.00
27) Chrysene-d12	20.98	240	7487	0.40	ng	0.00
34) Perylene-d12	23.21	264	6395	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	10908	4.30	ng	0.00
5) Phenol-d6	6.59	99	16987	4.39	ng	-0.01
8) Nitrobenzene-d5	8.52	82	17315	4.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	26872	3.34	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	4577	5.91	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	38177	3.36	ng	0.00
25) Fluoranthene-d10	18.81	212	248859	4.14	ng	0.00
29) Terphenyl-d14	19.42	244	48434	3.35	ng	0.00

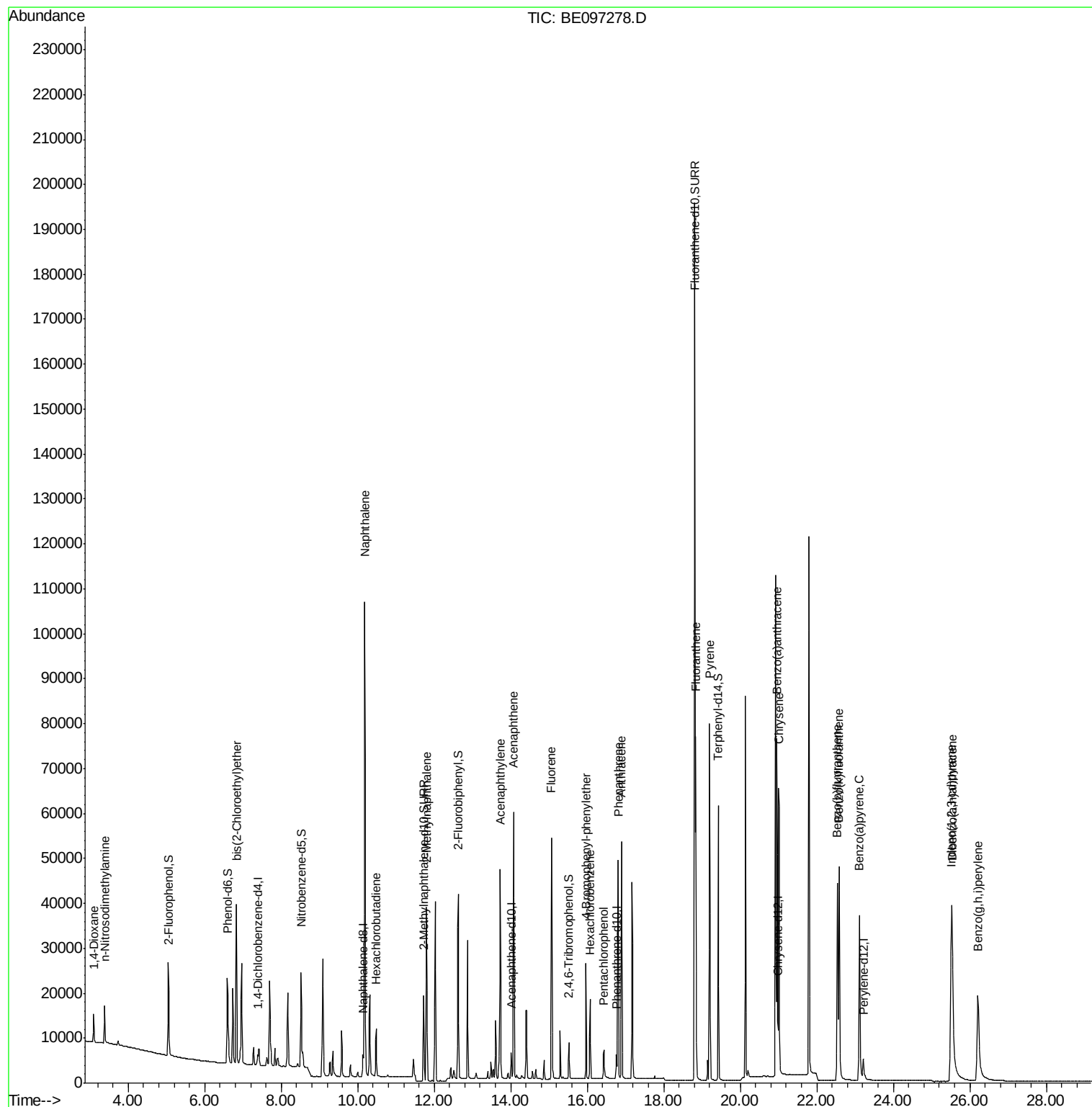
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	3735	2.459	ng	# 86
3) n-Nitrosodimethylamine	3.38	42	4818	2.819	ng	# 98
6) bis(2-Chloroethyl)ether	6.84	93	13160	3.462	ng	95
9) Naphthalene	10.19	128	164907	3.338	ng	99
10) Hexachlorobutadiene	10.48	225	7559	3.785	ng	98
12) 2-Methylnaphthalene	11.80	142	27925	3.332	ng	99
16) Acenaphthylene	13.73	152	48179	3.457	ng	100
17) Acenaphthene	14.07	154	28270	3.262	ng	94
18) Fluorene	15.06	166	35197	3.618	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	12602	3.860	ng	# 81
21) Hexachlorobenzene	16.08	284	13563	3.741	ng	# 83
22) Pentachlorophenol	16.44	266	4238	7.125	ng	# 72
23) Phenanthrene	16.81	178	56542	3.420	ng	99
24) Anthracene	16.89	178	54985	3.822	ng	96
26) Fluoranthene	18.84	202	66007	3.786	ng	98
28) Pyrene	19.20	202	69864	3.161	ng	99
30) Benzo(a)anthracene	20.95	228	63654	3.570	ng	97
31) Chrysene	21.00	228	65197	3.260	ng	97
33) Indeno(1,2,3-cd)pyrene	25.51	276	69273	4.755	ng	# 93
35) Benzo(b)fluoranthene	22.54	252	56803	3.480	ng	# 86
36) Benzo(k)fluoranthene	22.58	252	68116	3.509	ng	97
37) Benzo(a)pyrene	23.11	252	56912	3.898	ng	# 92
38) Dibenzo(a,h)anthracene	25.53	278	57816	4.850	ng	# 93
39) Benzo(g,h,i)perylene	26.21	276	55892	4.212	ng	# 89

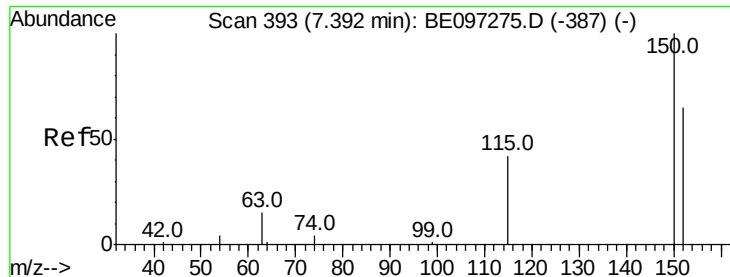
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

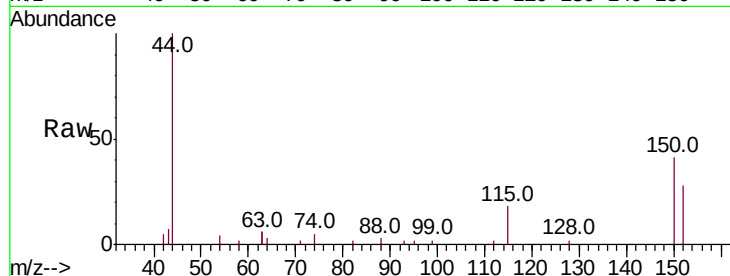
Tot Ion:152 Resp: 1061

Ion Ratio Lower Upper

152 100

150 148.8 117.2 175.8

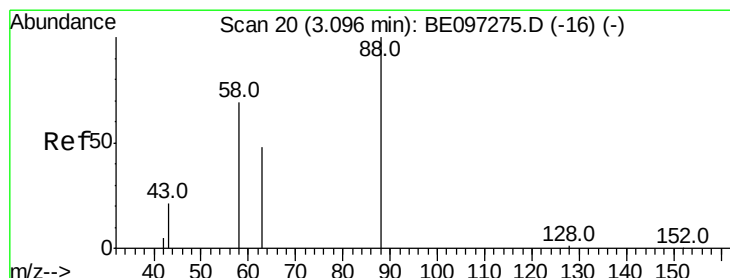
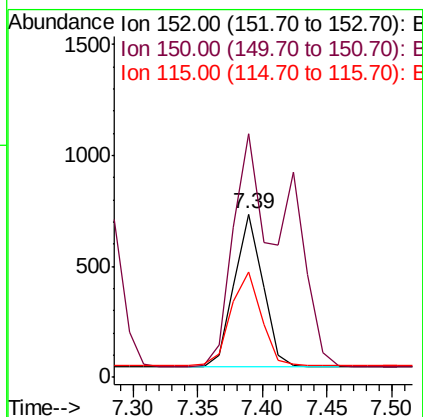
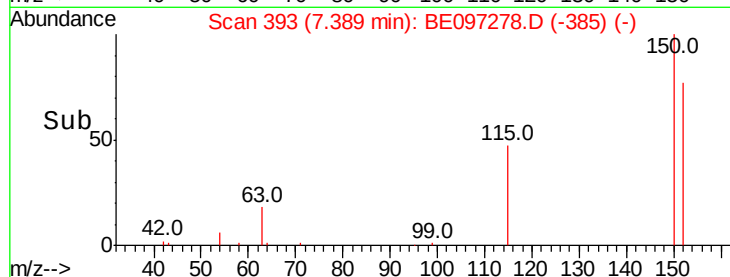
115 64.3 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.459 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

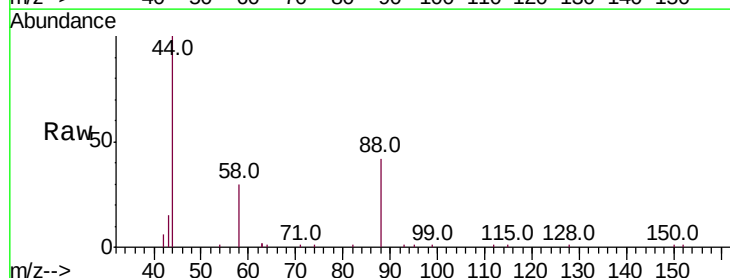
Tgt Ion: 88 Resp: 3735

Ion Ratio Lower Upper

88 100

58 73.6 63.2 94.8

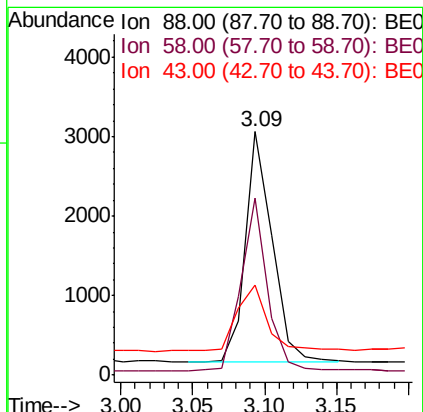
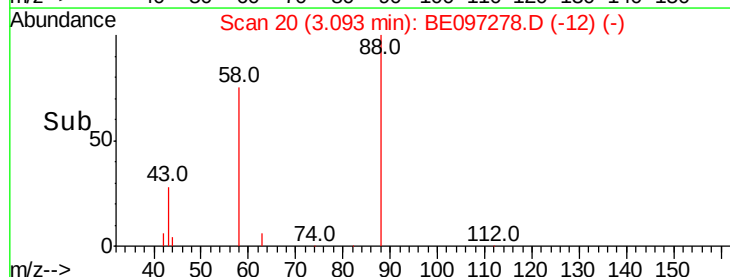
43 33.4 41.2 61.8#

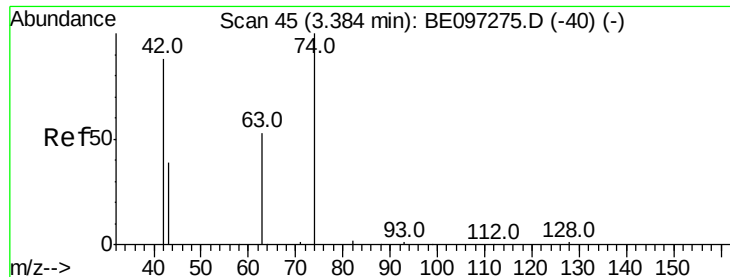


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



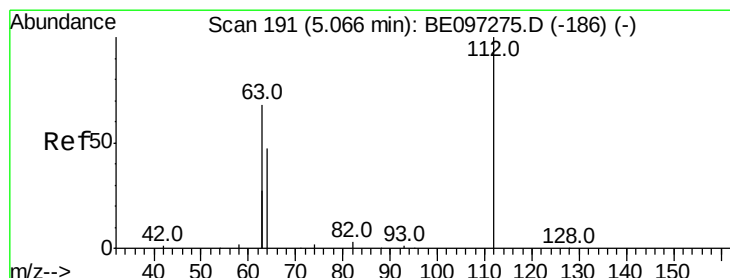
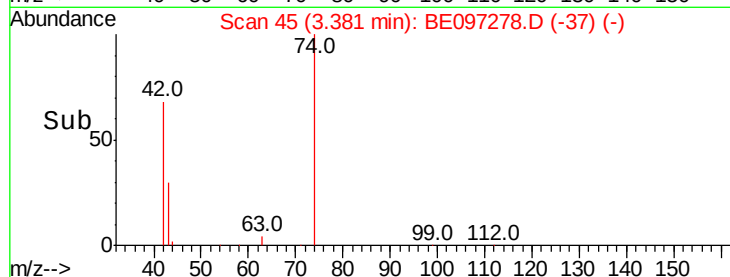
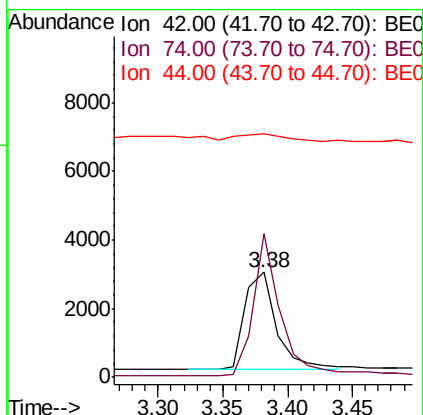
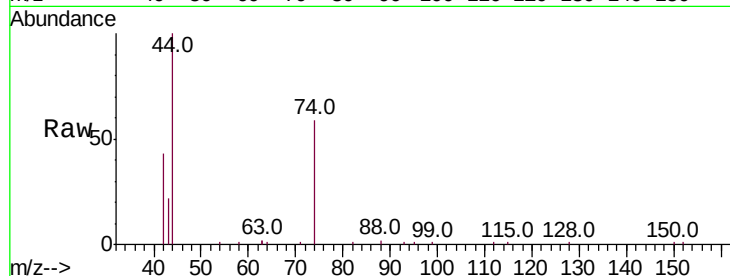


#3

n-Nitrosodimethylamine
 Concen: 2.819 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097278.D
 Acq: 15 Aug 2018 13:38

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

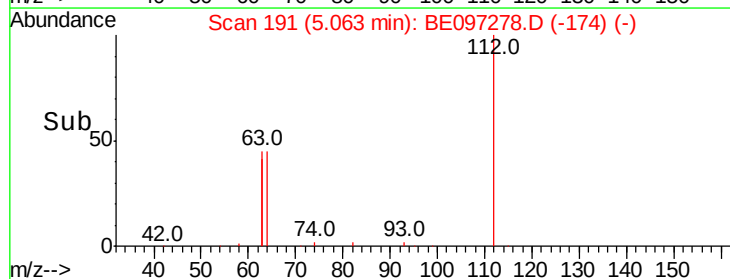
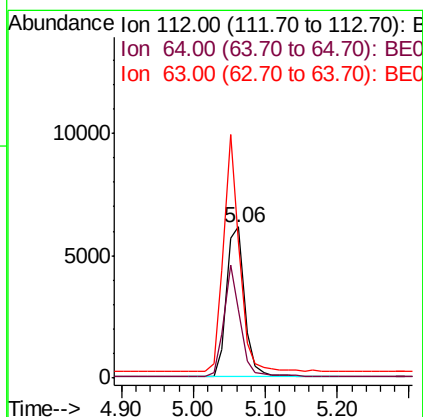
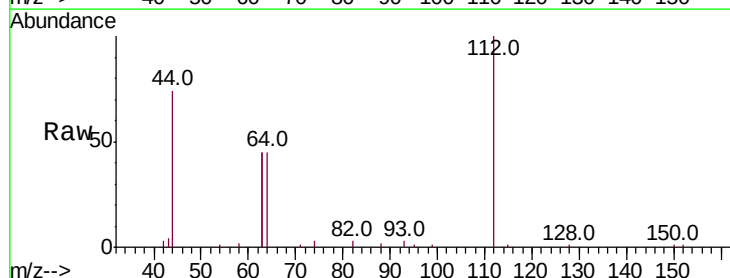
Tot Ion: 42 Resp: 4818
 Ion Ratio Lower Upper
 42 100
 74 121.5 96.0 144.0
 44 11.4 12.0 18.0#

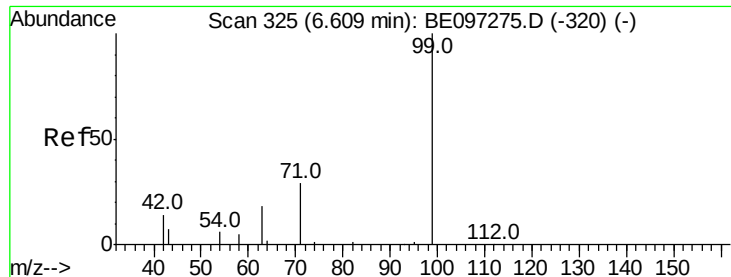


#4

2-Fluorophenol
 Concen: 4.298 ng
 RT: 5.06 min Scan# 191
 Delta R.T. -0.00 min
 Lab File: BE097278.D
 Acq: 15 Aug 2018 13:38

Tgt Ion: 112 Resp: 10908
 Ion Ratio Lower Upper
 112 100
 64 65.0 60.1 90.1
 63 138.1 116.8 175.2





#5

Phenol-d6

Concen: 4.385 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

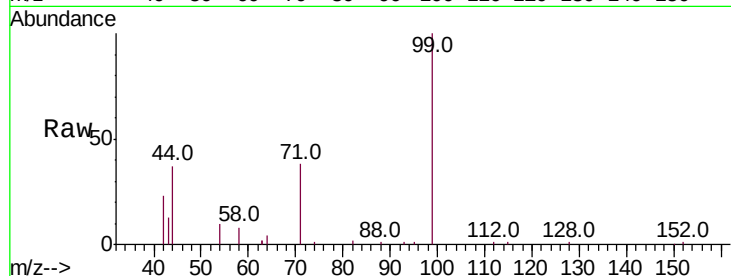
Tot Ion: 99 Resp: 16987

Ion Ratio Lower Upper

99 100

42 21.9 20.2 30.2

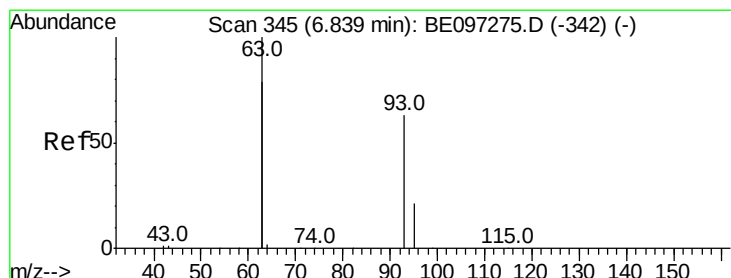
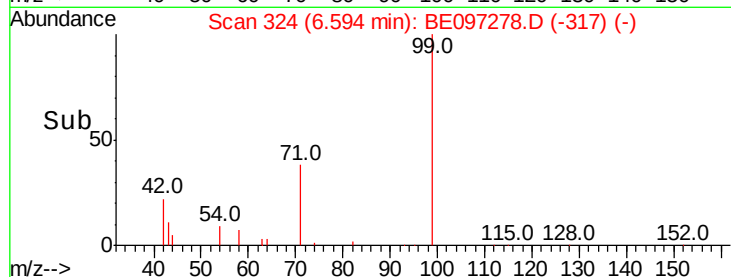
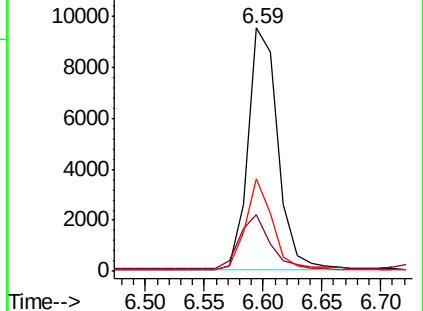
71 33.9 28.4 42.6



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: 3.462 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

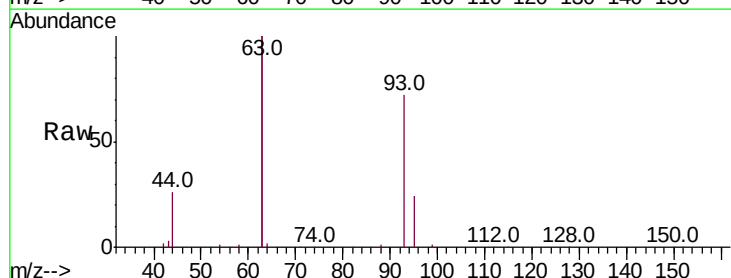
Tgt Ion: 93 Resp: 13160

Ion Ratio Lower Upper

93 100

63 332.6 275.3 412.9

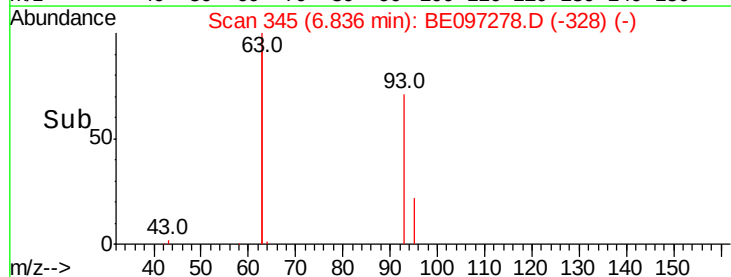
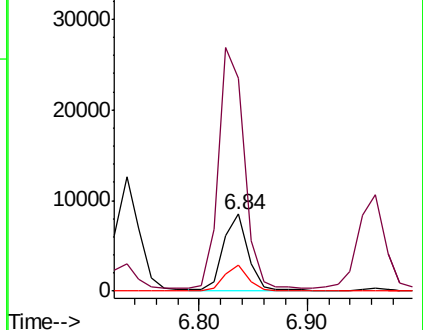
95 32.2 25.2 37.8

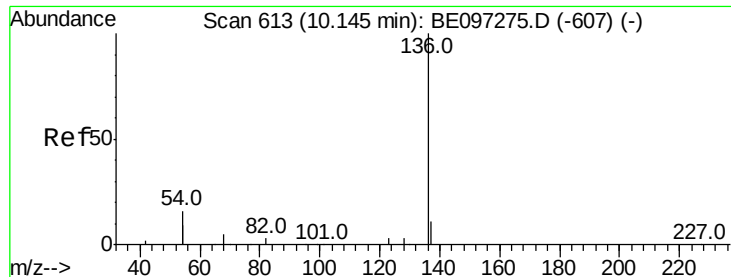


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 5519

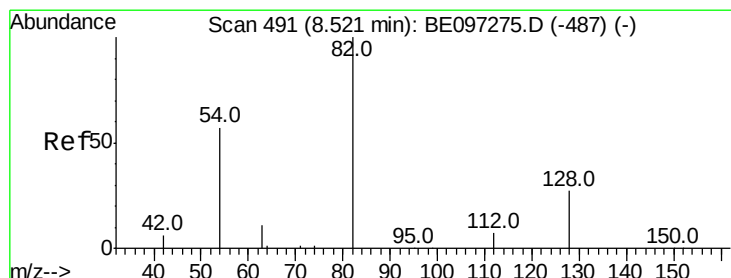
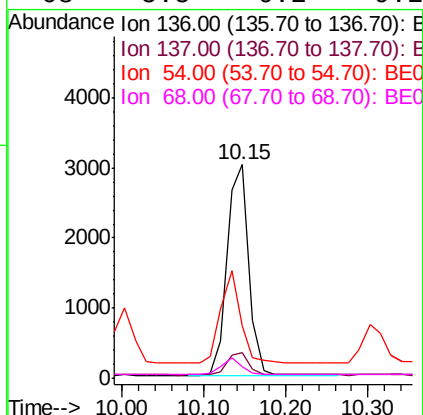
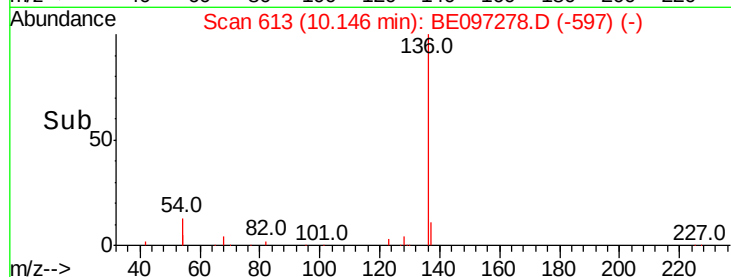
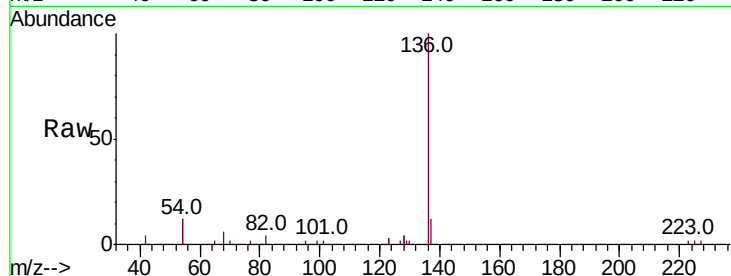
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 24.9 29.1 43.7#

68 5.5 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 4.301 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

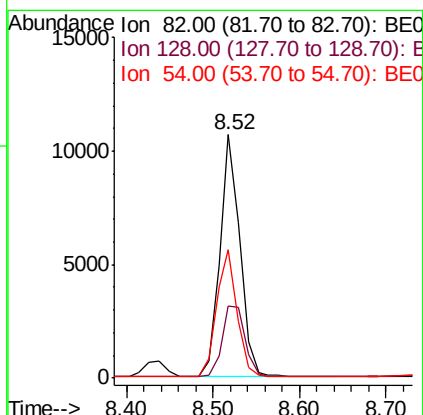
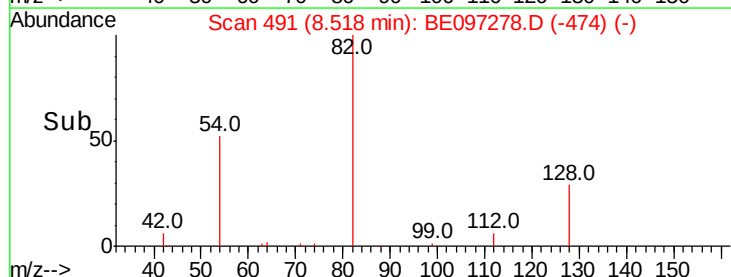
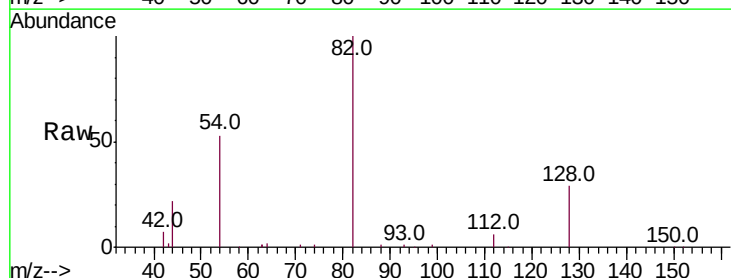
Tgt Ion: 82 Resp: 17315

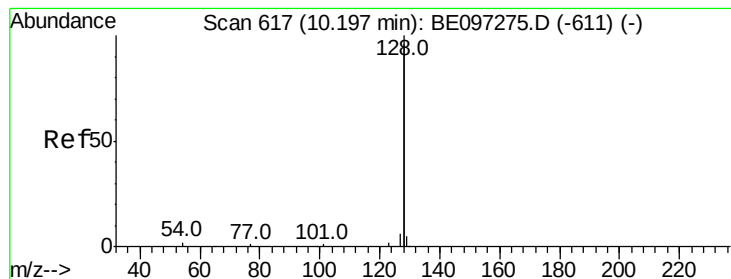
Ion Ratio Lower Upper

82 100

128 29.4 24.0 36.0

54 52.5 40.0 60.0





#9

Naphthalene

Concen: 3.338 ng

RT: 10.19 min Scan# 616

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

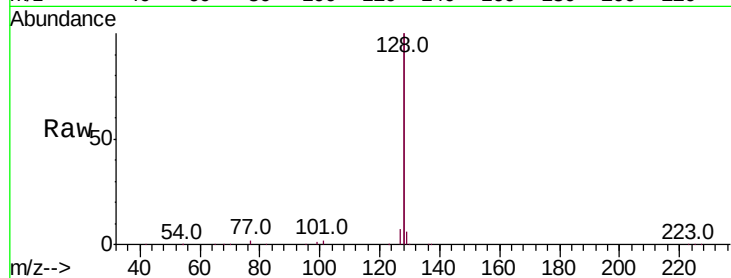
Tot Ion:128 Resp: 164907

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

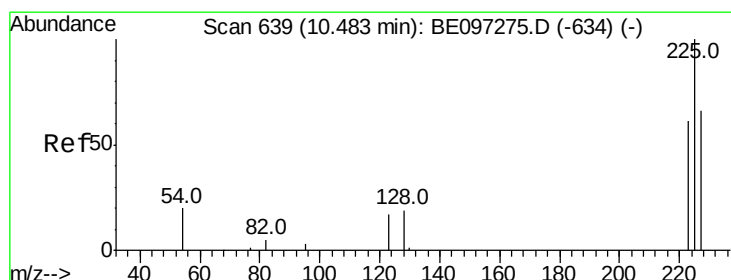
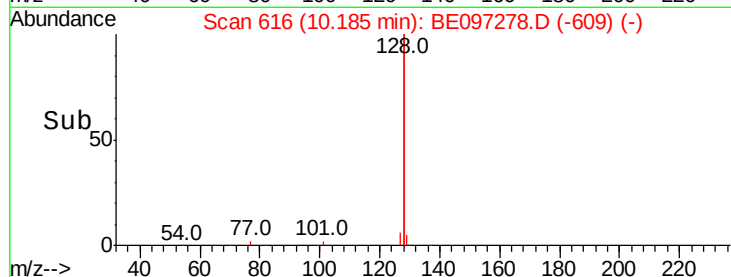
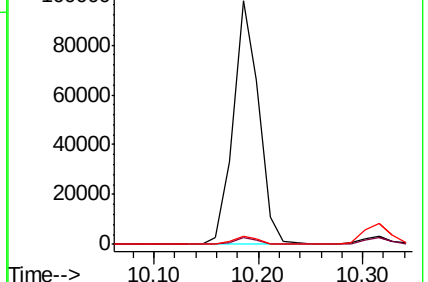
127 3.3 2.8 4.2



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: 3.785 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

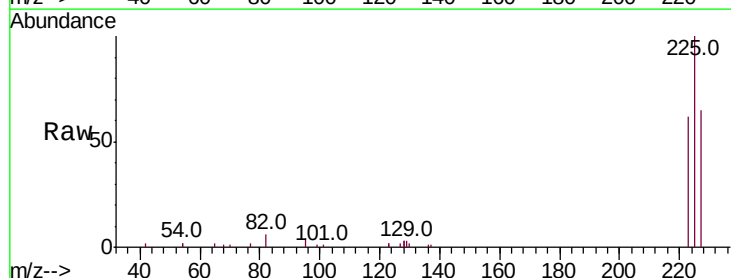
Tgt Ion:225 Resp: 7559

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

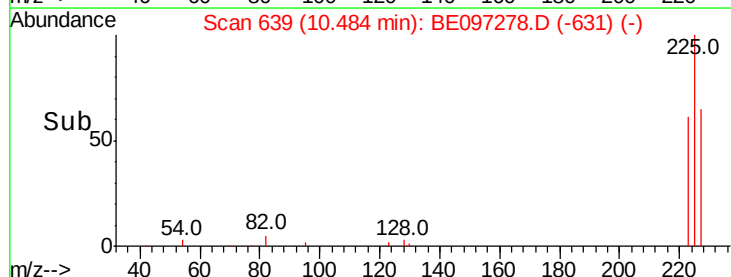
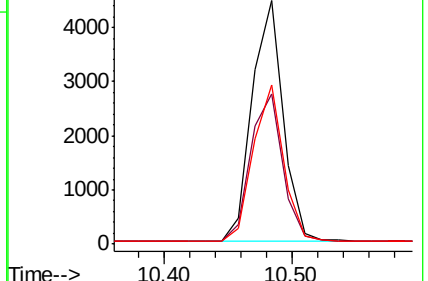
227 63.5 51.4 77.2

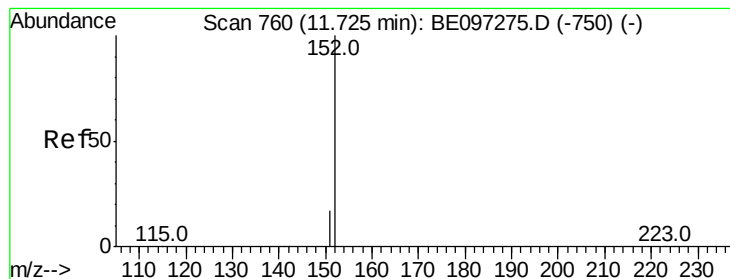


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.341 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

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ClientSampleId :

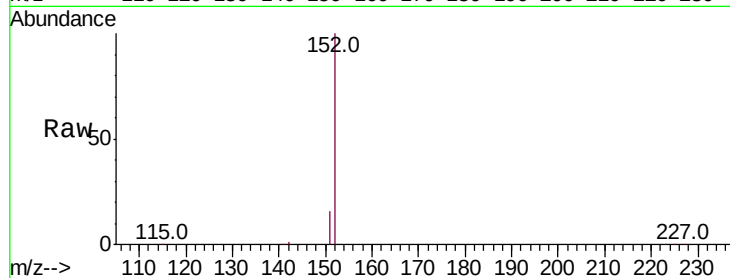
SSTDICC3.2

Tot Ion:152 Resp: 26872

Ion Ratio Lower Upper

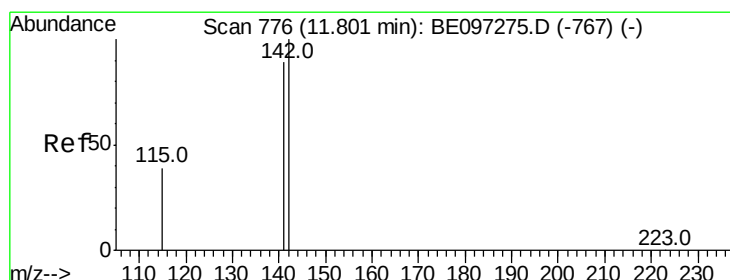
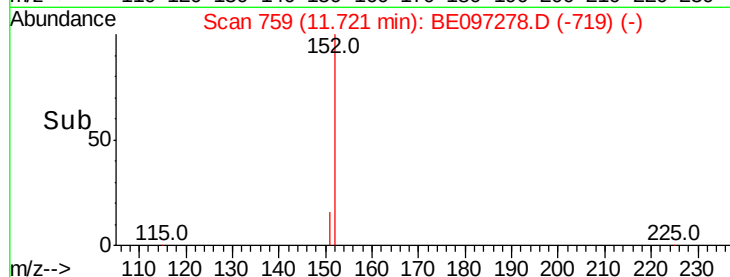
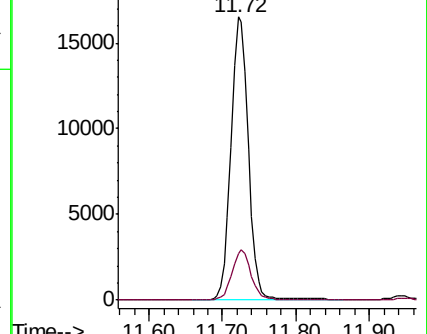
152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.332 ng

RT: 11.80 min Scan# 775

Delta R.T. -0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

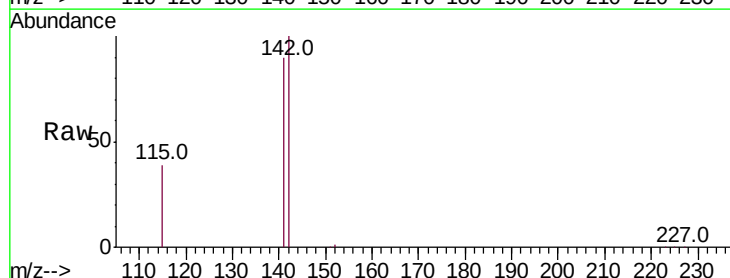
Tgt Ion:142 Resp: 27925

Ion Ratio Lower Upper

142 100

141 89.7 70.4 105.6

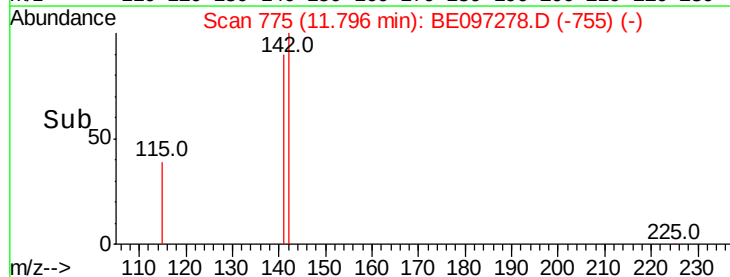
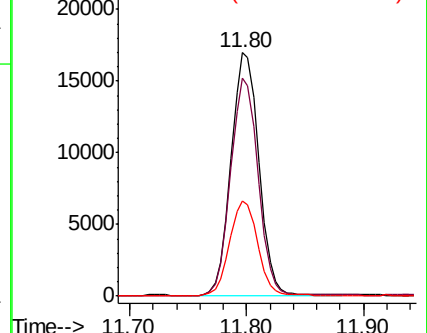
115 39.2 31.7 47.5

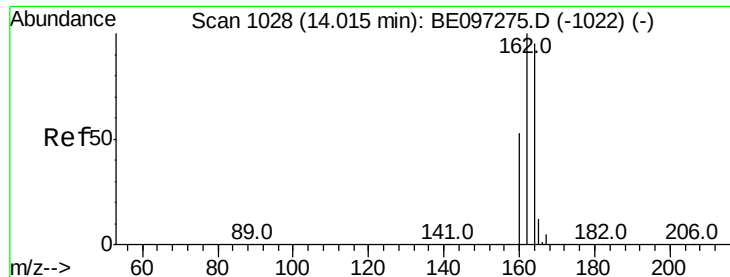


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.01 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

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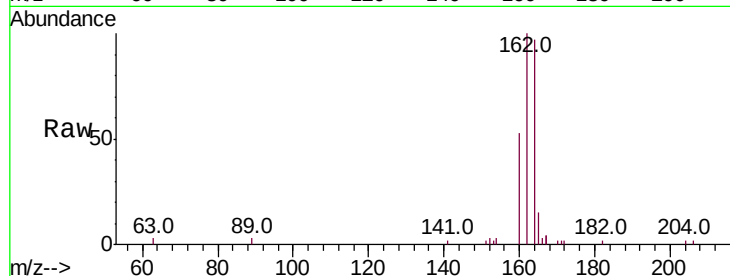
Tot Ion:164 Resp: 3052

Ion Ratio Lower Upper

164 100

162 102.7 83.1 124.7

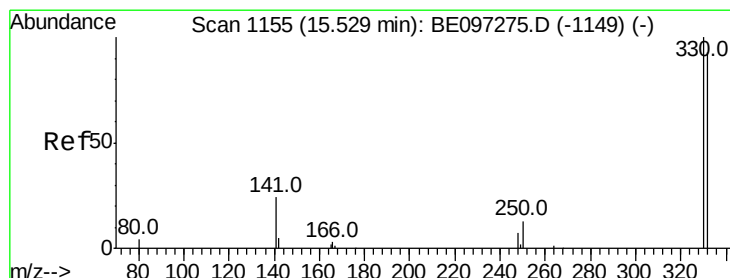
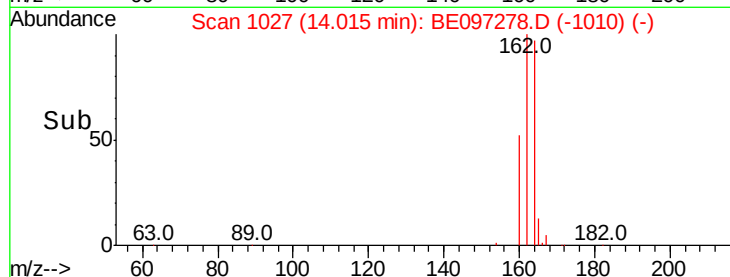
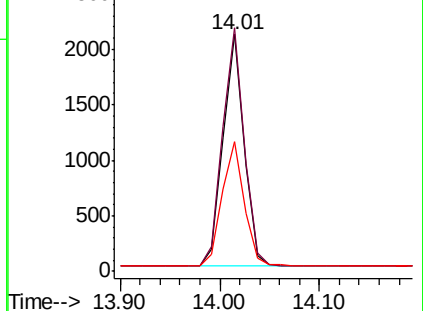
160 54.6 37.1 55.7



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: 5.912 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

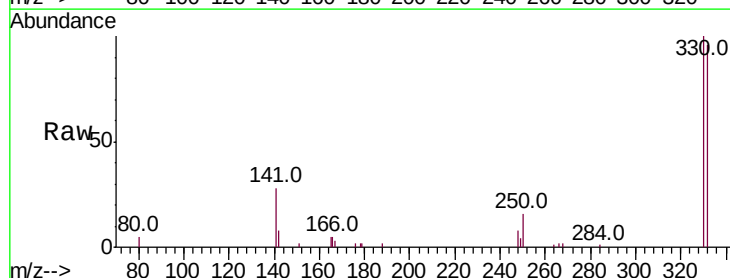
Tgt Ion:330 Resp: 4577

Ion Ratio Lower Upper

330 100

332 97.7 152.7 229.1#

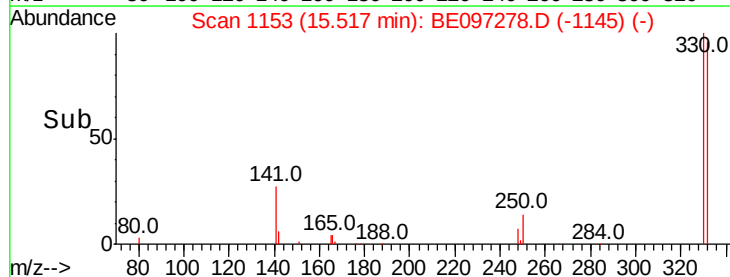
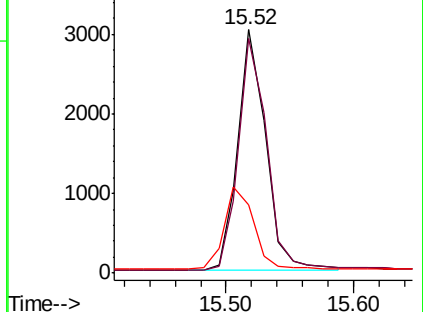
141 36.9 33.7 50.5

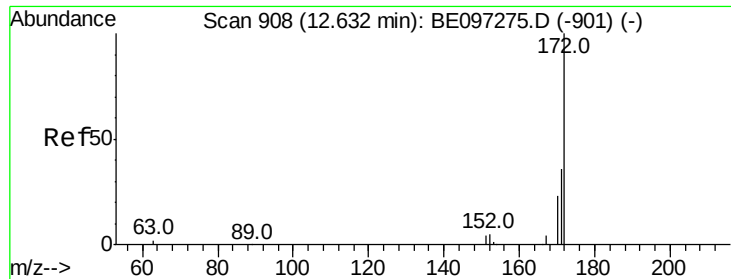


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

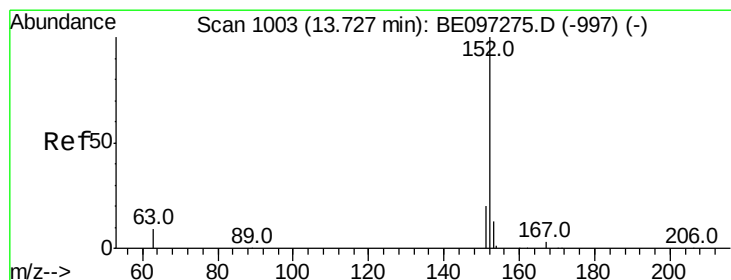
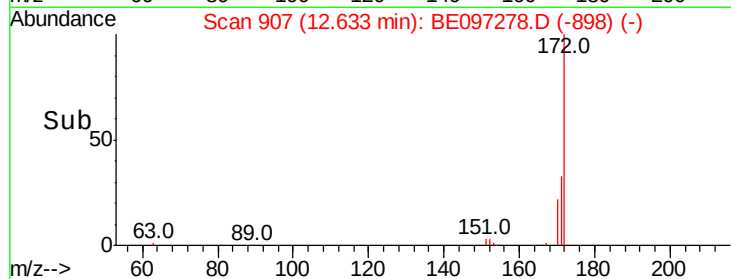
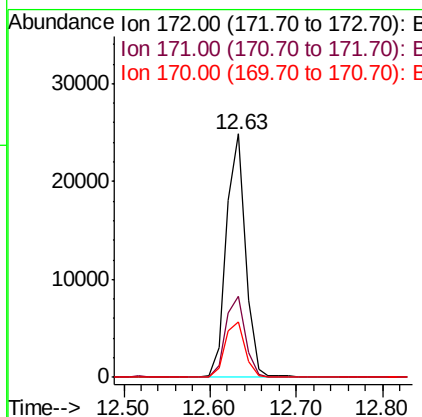
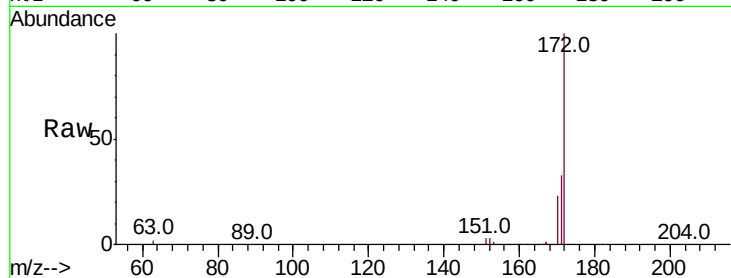




#15
2-Fluorobiphenyl
Concen: 3.363 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097278.D
Acq: 15 Aug 2018 13:38

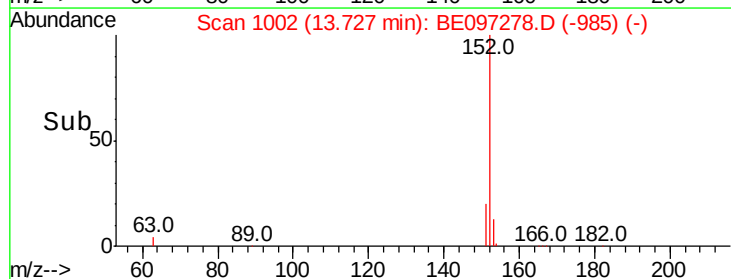
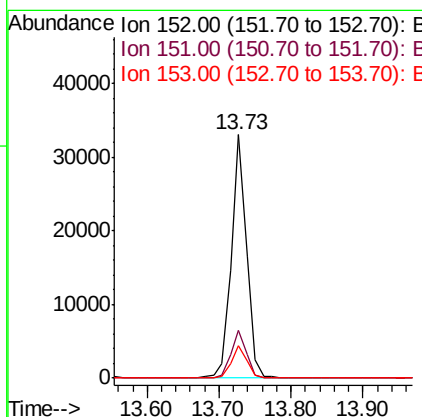
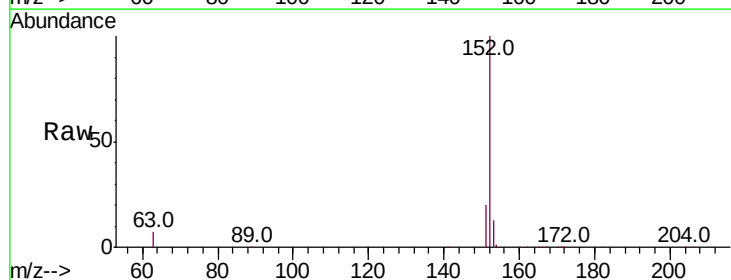
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

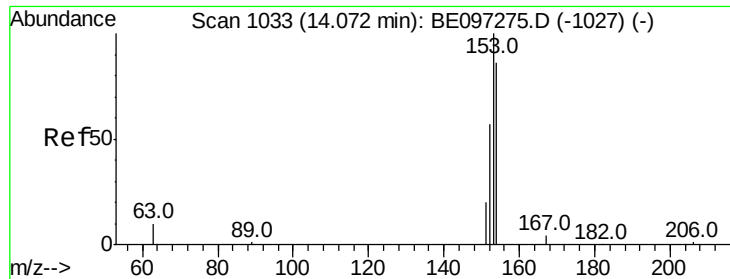
Tot Ion:172 Resp: 38177
Ion Ratio Lower Upper
172 100
171 33.4 29.9 44.9
170 22.7 21.8 32.8



#16
Acenaphthylene
Concen: 3.457 ng
RT: 13.73 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097278.D
Acq: 15 Aug 2018 13:38

Tgt Ion:152 Resp: 48179
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 3.262 ng

RT: 14.07 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

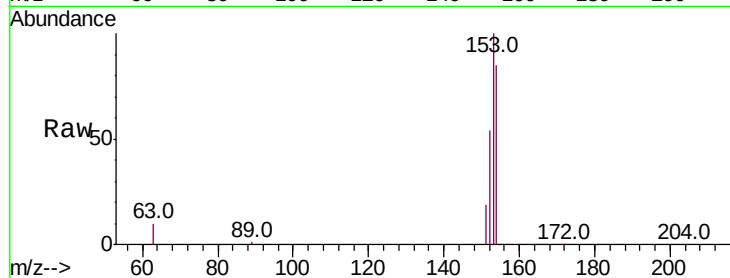
Tot Ion:154 Resp: 28270

Ion Ratio Lower Upper

154 100

153 114.5 89.2 133.8

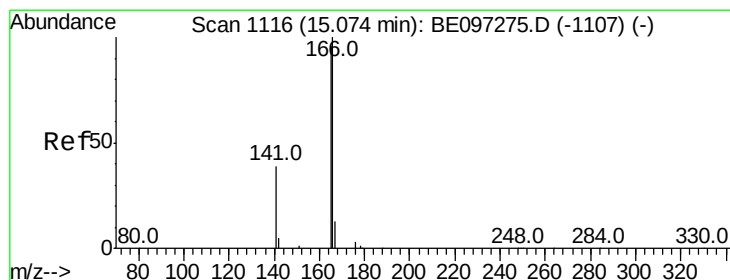
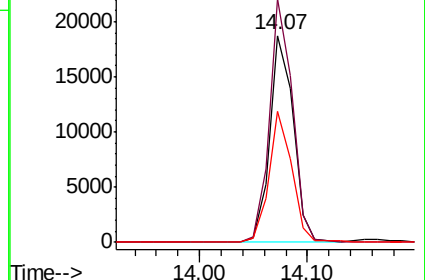
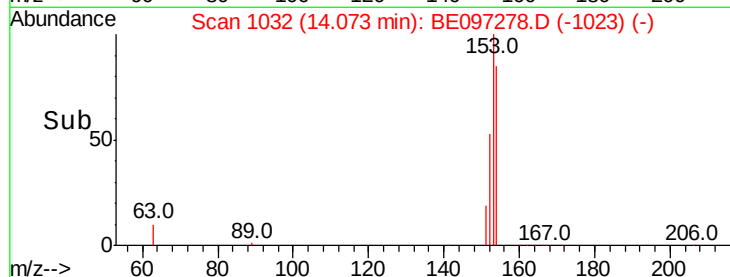
152 61.0 42.0 63.0



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: 3.618 ng

RT: 15.06 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

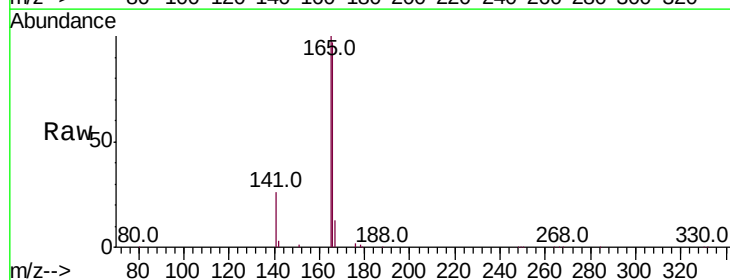
Tgt Ion:166 Resp: 35197

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.6

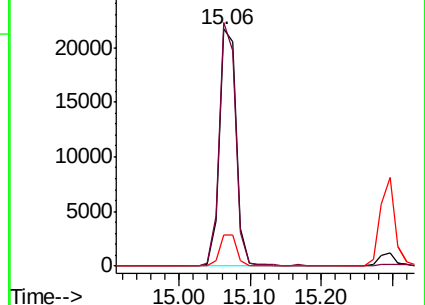
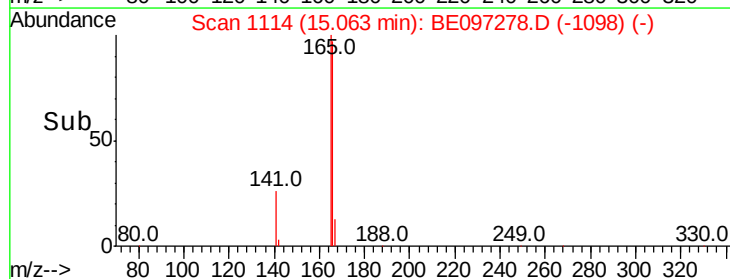
167 13.4 42.4 63.6#

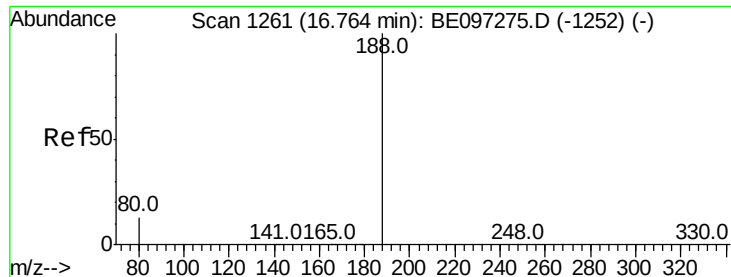


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.76 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

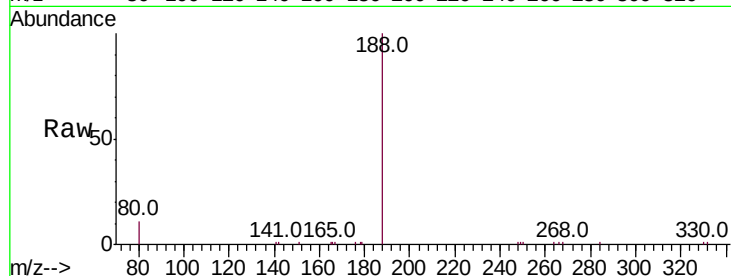
Tot Ion:188 Resp: 6903

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

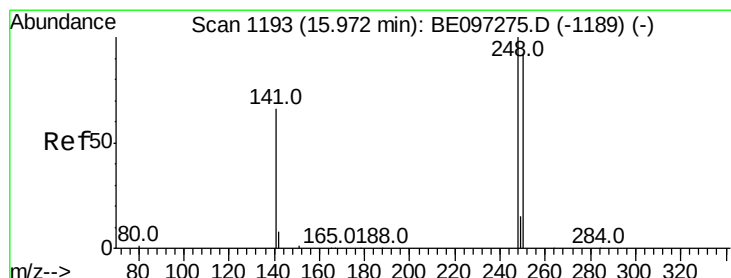
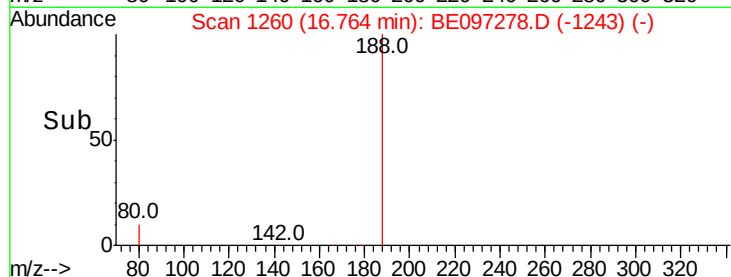
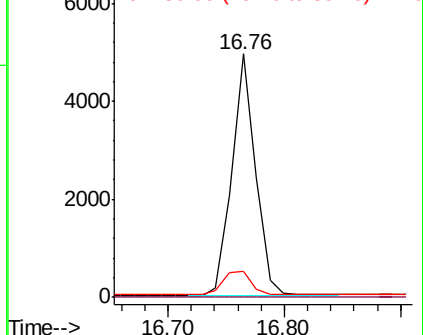
80 10.6 3.6 5.4#



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: 3.860 ng

RT: 15.97 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

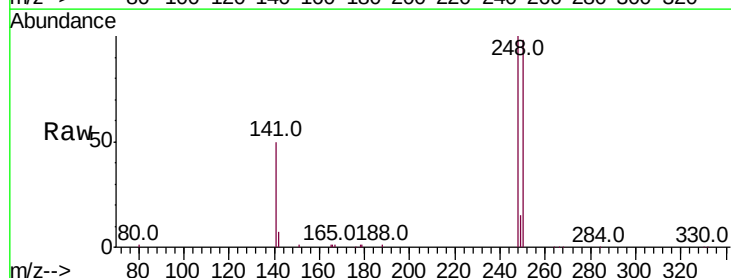
Tgt Ion:248 Resp: 12602

Ion Ratio Lower Upper

248 100

250 98.0 62.7 94.1#

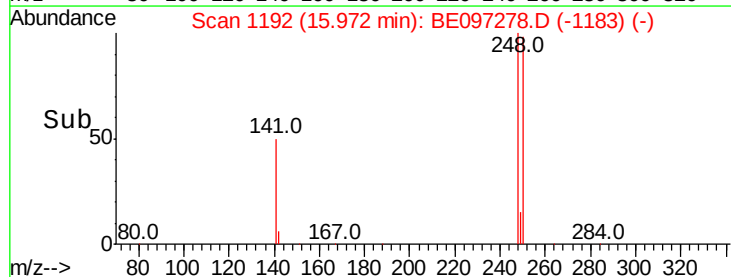
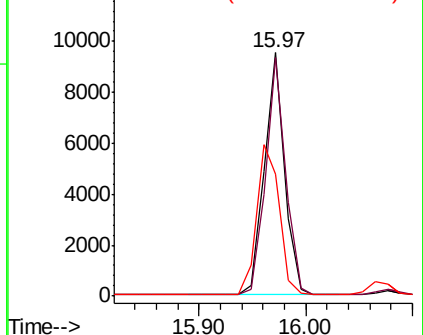
141 49.9 48.2 72.2

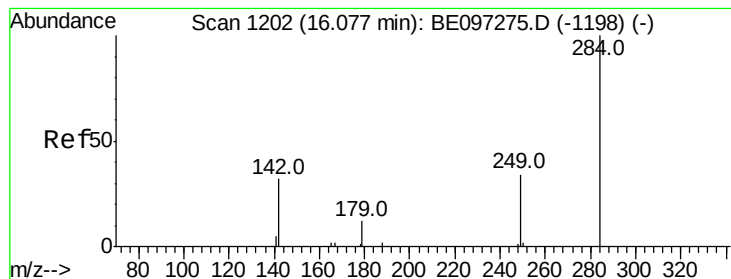


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.741 ng

RT: 16.08 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

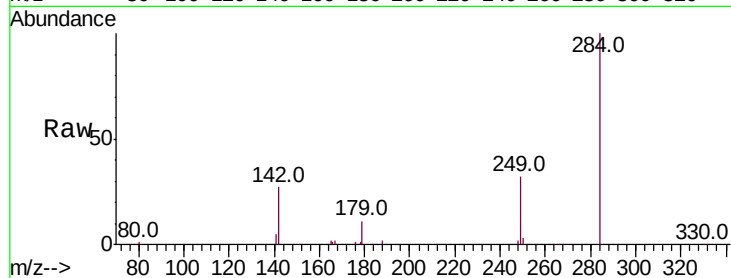
Tot Ion:284 Resp: 13563

Ion Ratio Lower Upper

284 100

142 33.3 22.1 33.1#

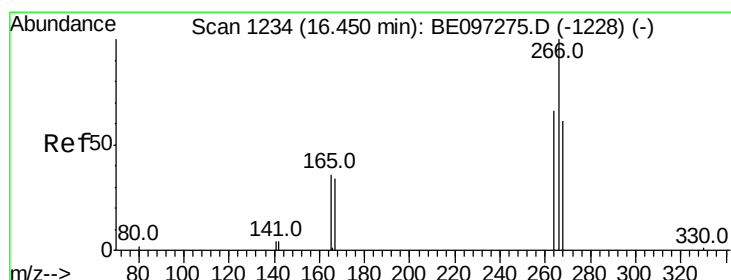
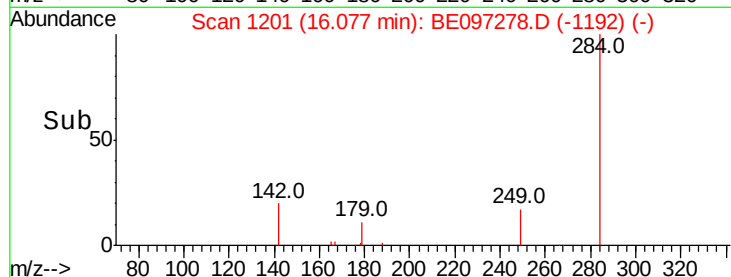
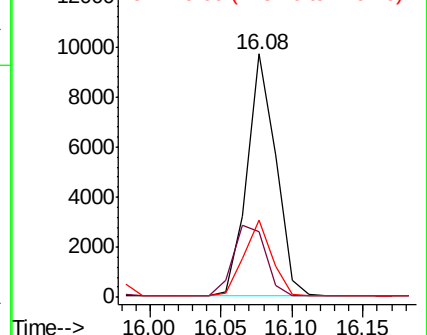
249 30.6 34.8 52.2#



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: 7.125 ng

RT: 16.44 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

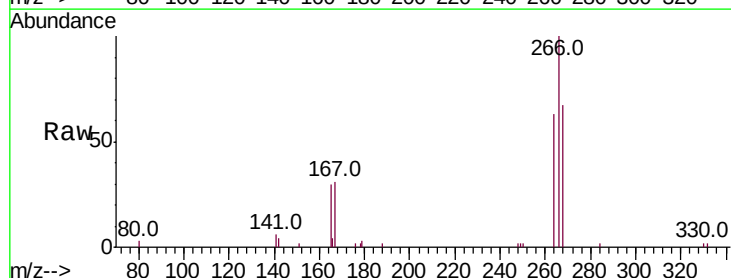
Tgt Ion:266 Resp: 4238

Ion Ratio Lower Upper

266 100

264 62.6 72.5 108.7#

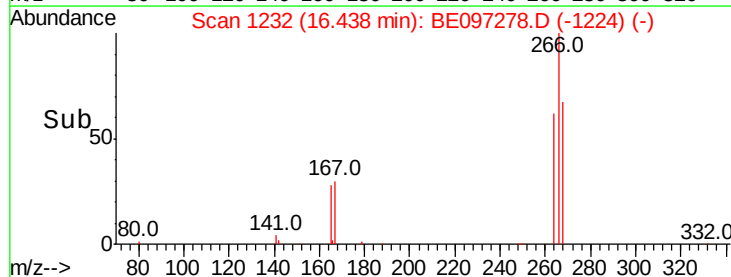
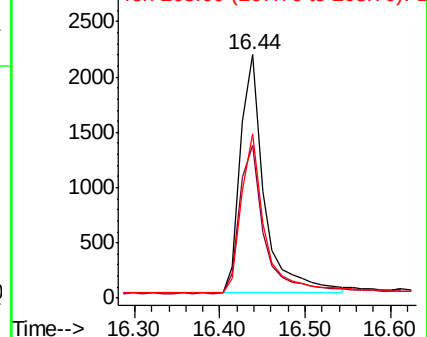
268 67.5 73.8 110.6#

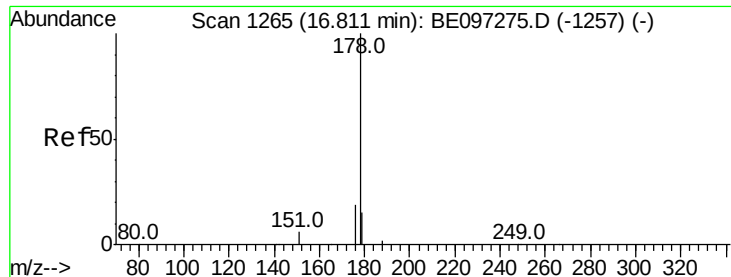


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.420 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

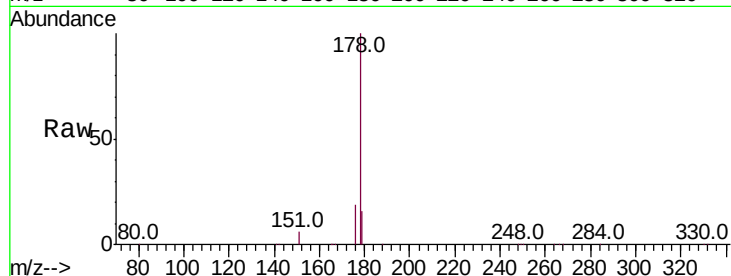
Tot Ion:178 Resp: 56542

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

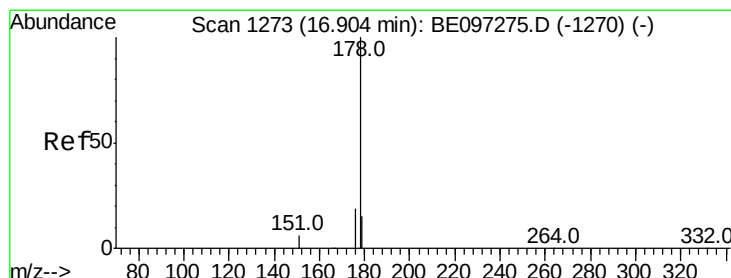
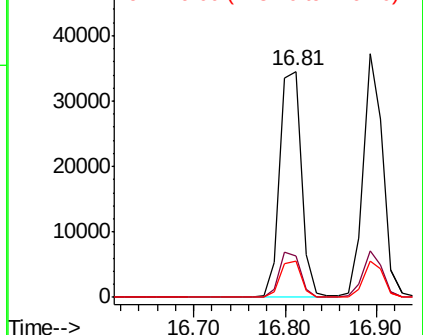
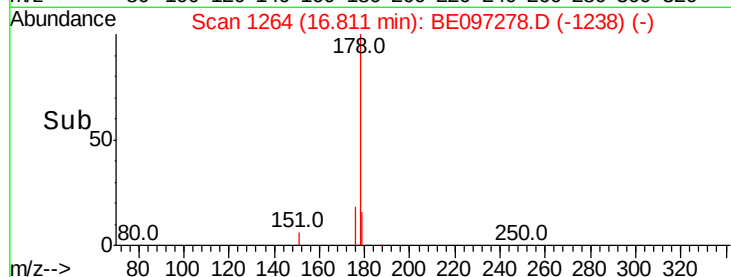
179 15.4 11.8 17.6



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: 3.822 ng

RT: 16.89 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

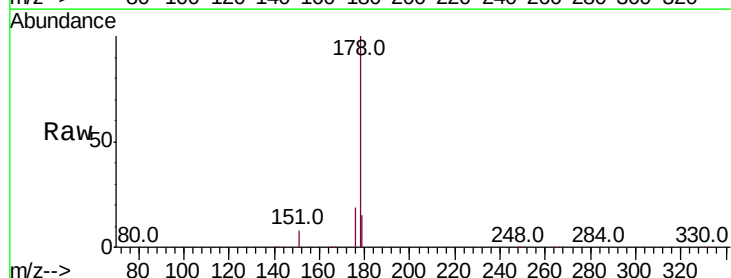
Tgt Ion:178 Resp: 54985

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

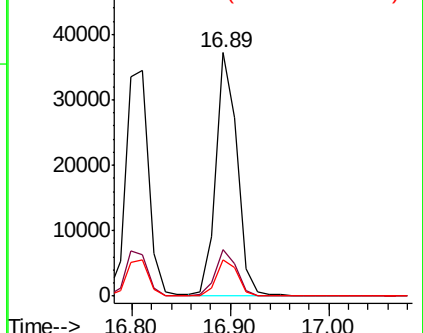
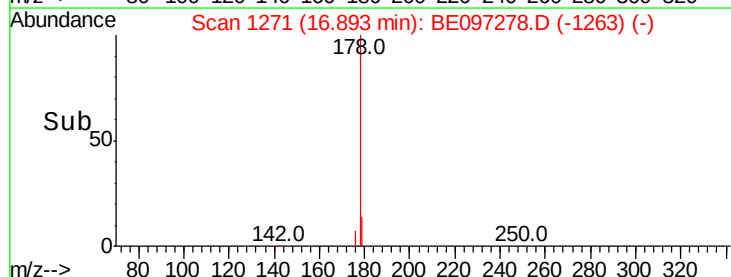
179 15.2 13.0 19.6

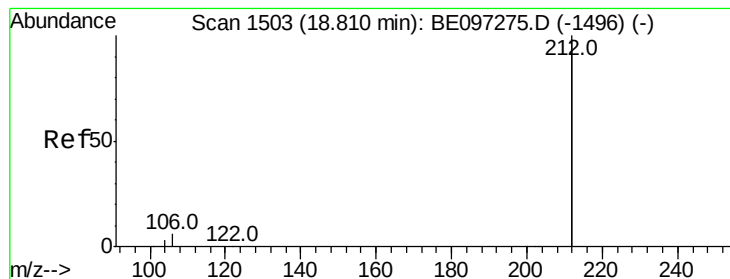


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 4.143 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

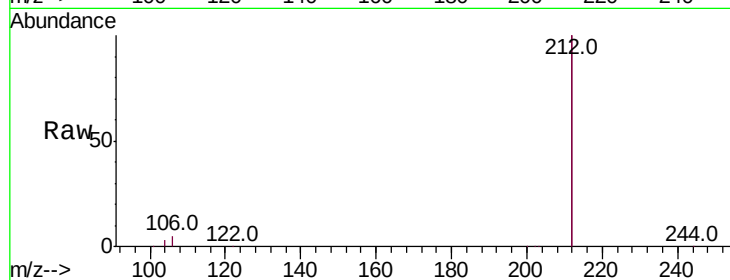
Tot Ion:212 Resp: 248859

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

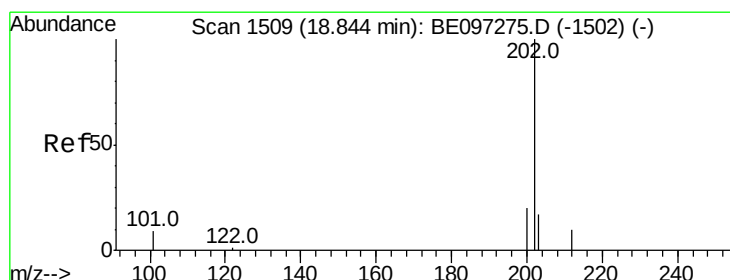
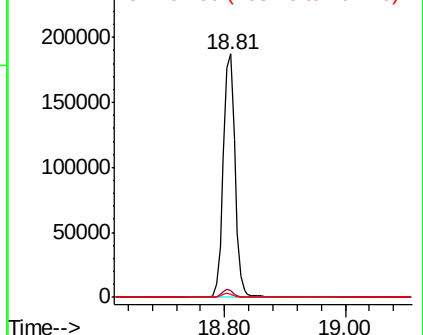
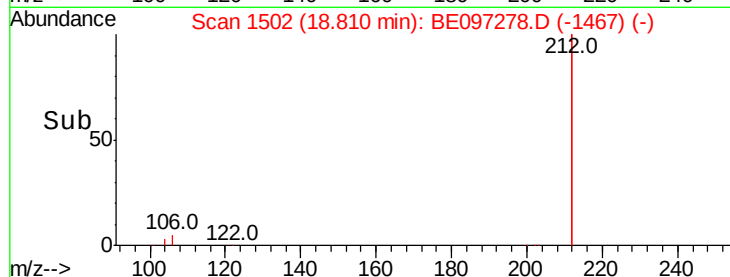
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.786 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

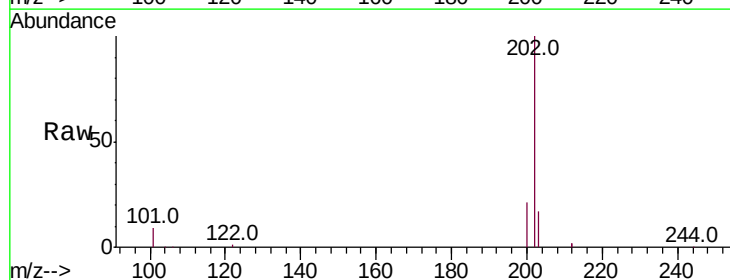
Tgt Ion:202 Resp: 66007

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

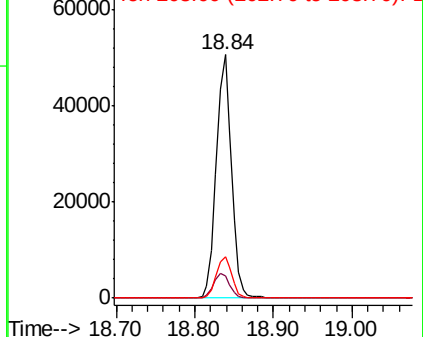
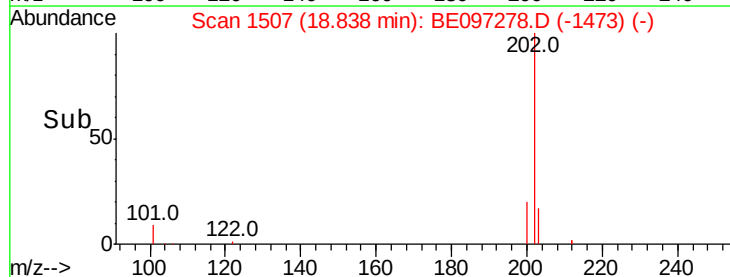
203 17.3 13.7 20.5

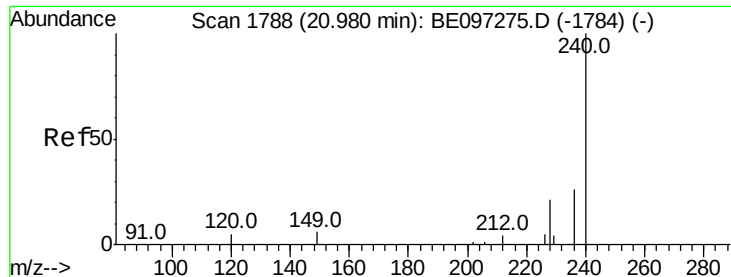


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

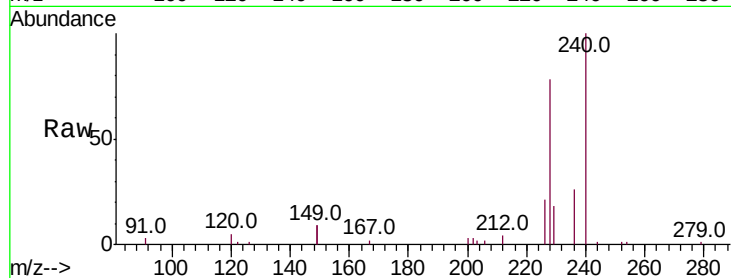
Tot Ion:240 Resp: 7487

Ion Ratio Lower Upper

240 100

120 4.9 5.5 8.3#

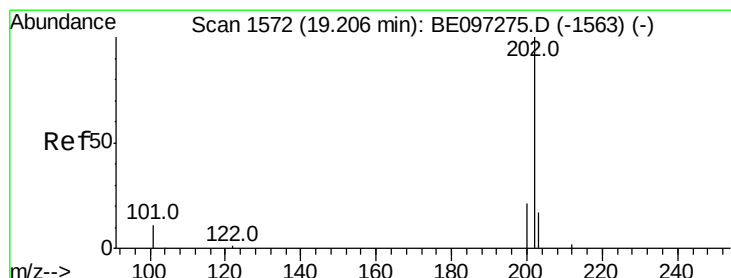
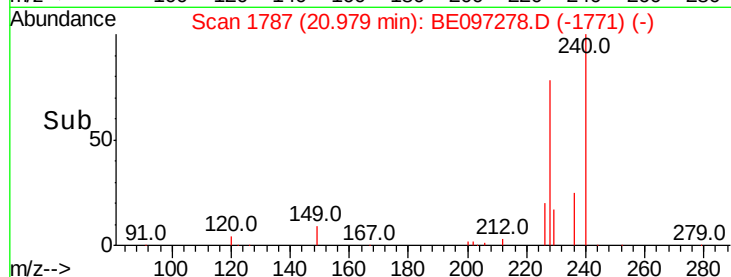
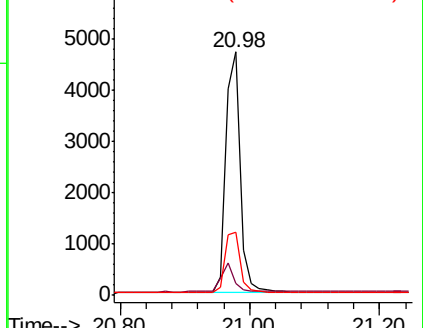
236 25.9 20.7 31.1



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: 3.161 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

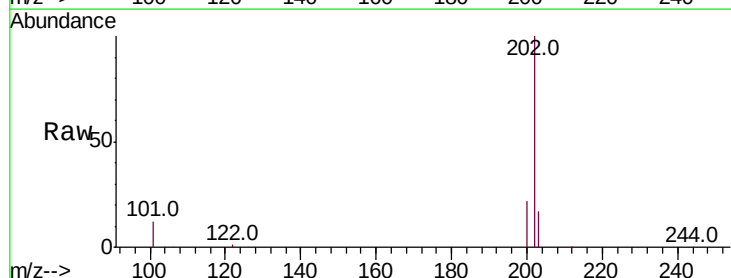
Tgt Ion:202 Resp: 69864

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

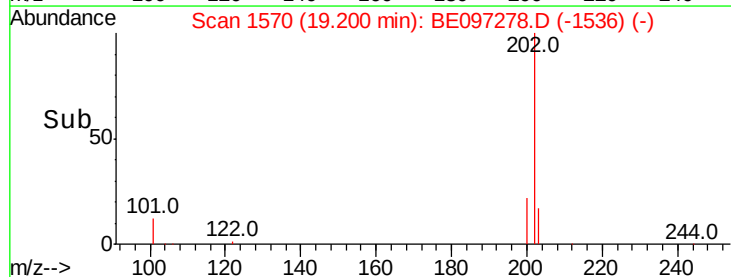
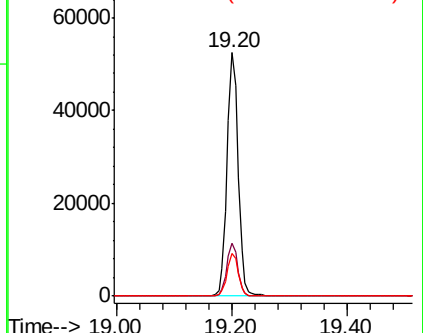
203 17.5 13.8 20.8

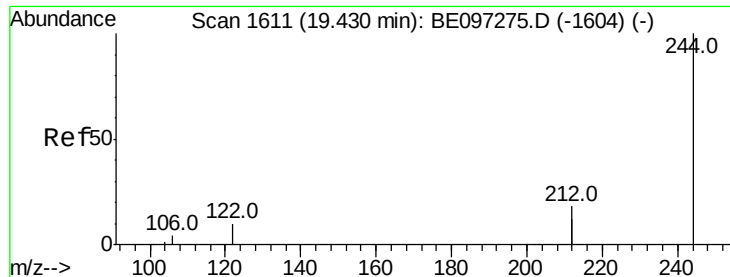


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.353 ng

RT: 19.42 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

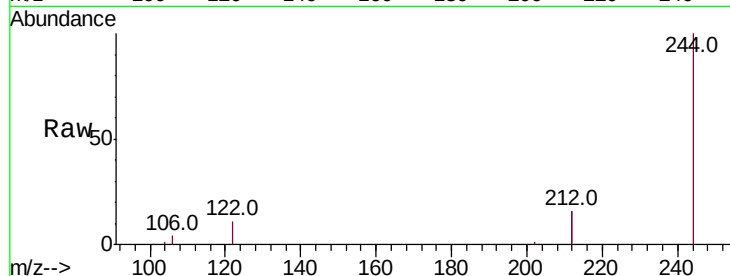
Tot Ion:244 Resp: 48434

Ion Ratio Lower Upper

244 100

212 31.8 25.4 38.0

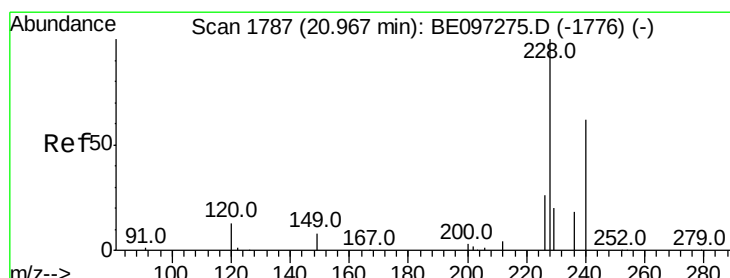
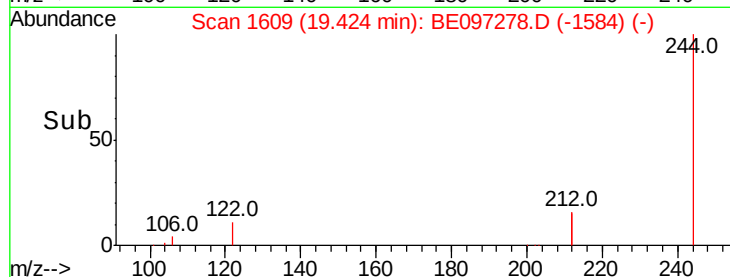
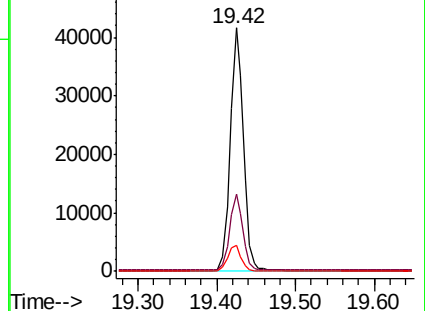
122 10.8 8.1 12.1



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: 3.570 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

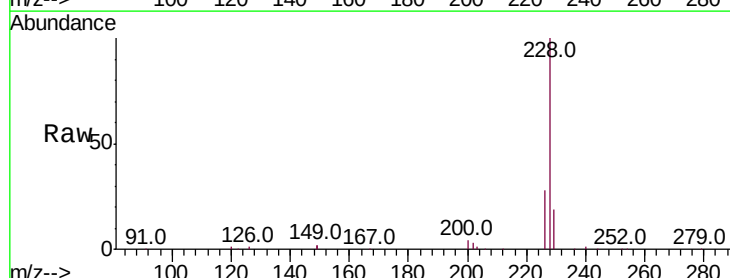
Tgt Ion:228 Resp: 63654

Ion Ratio Lower Upper

228 100

226 28.2 24.0 36.0

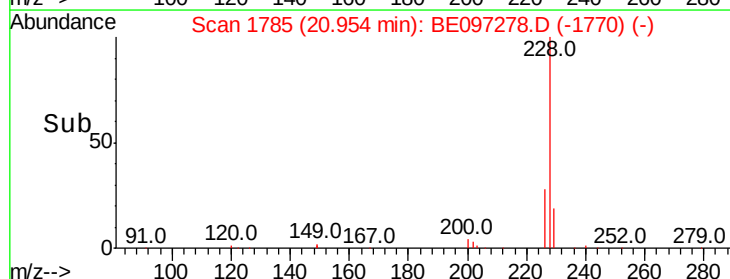
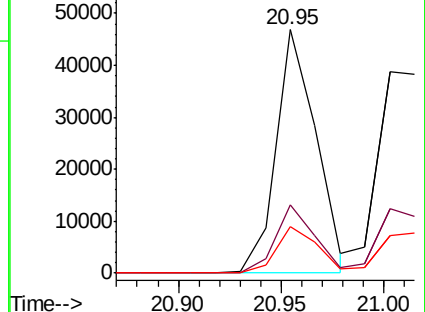
229 19.2 16.0 24.0

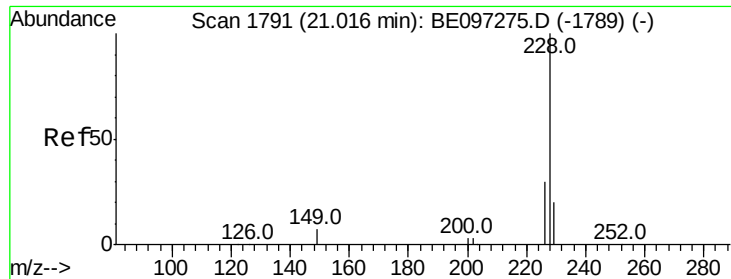


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.260 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

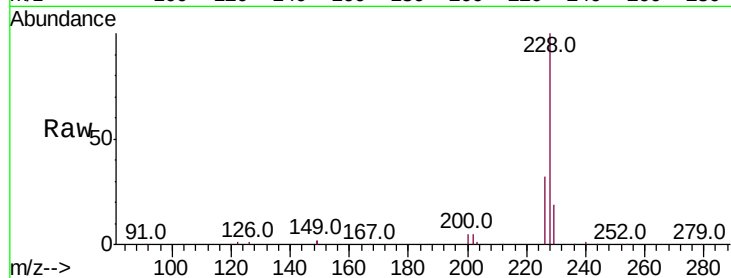
Tot Ion:228 Resp: 65197

Ion Ratio Lower Upper

228 100

226 32.1 24.0 36.0

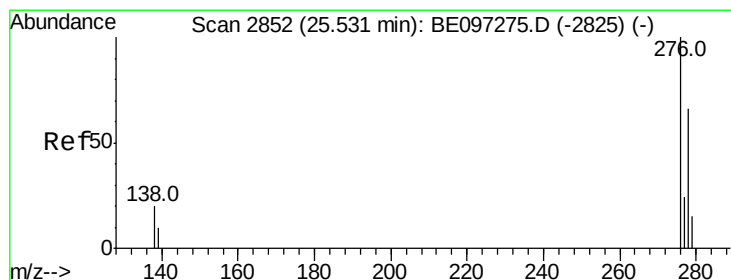
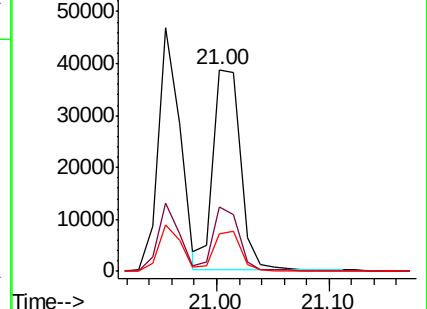
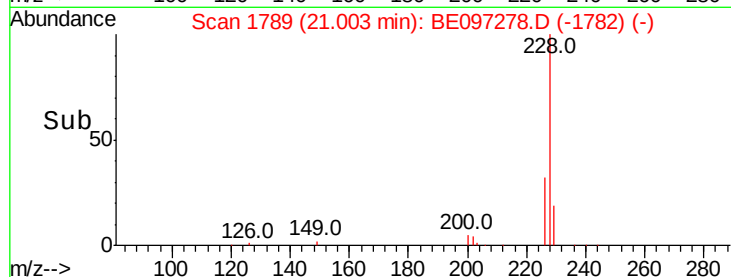
229 18.8 16.0 24.0



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 4.755 ng

RT: 25.51 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

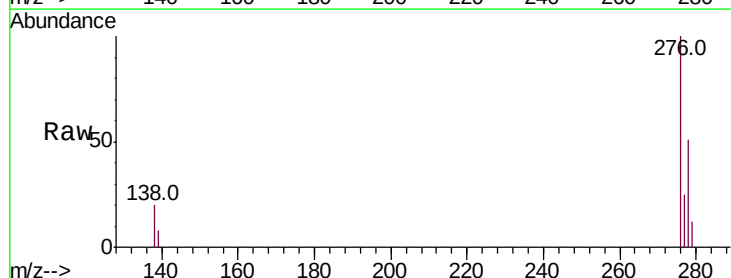
Tgt Ion:276 Resp: 69273

Ion Ratio Lower Upper

276 100

138 21.0 22.5 33.7#

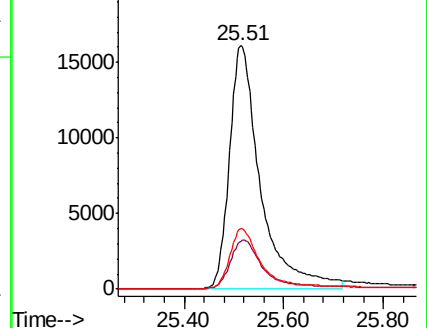
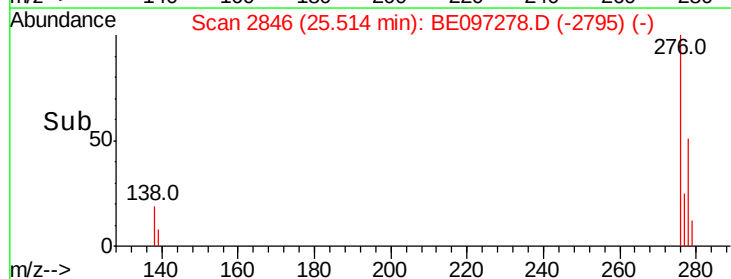
277 24.9 19.9 29.9

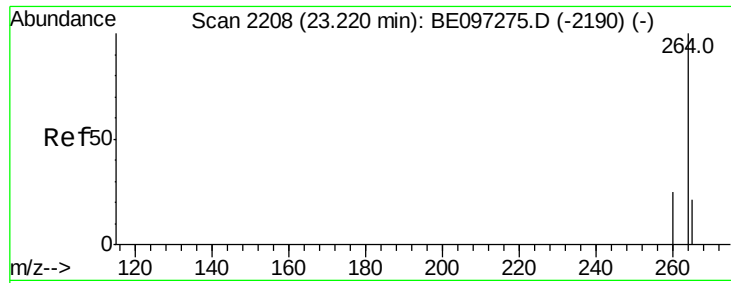


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



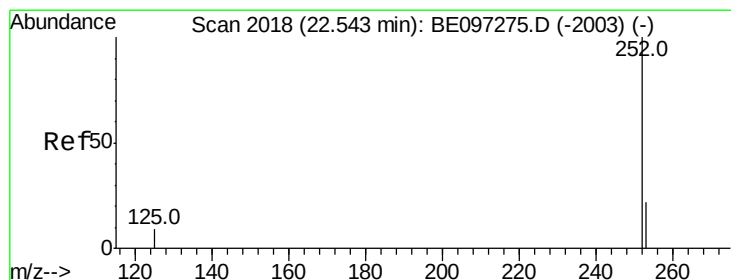
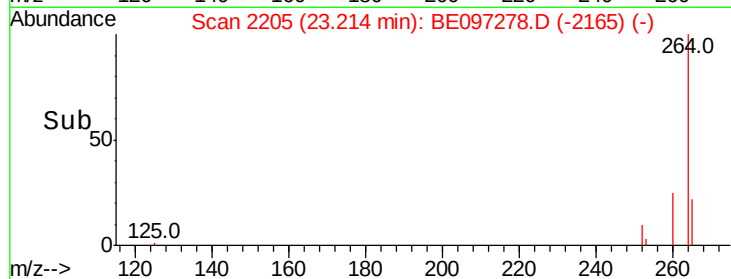
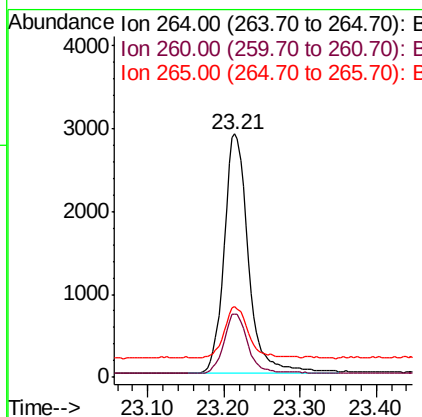
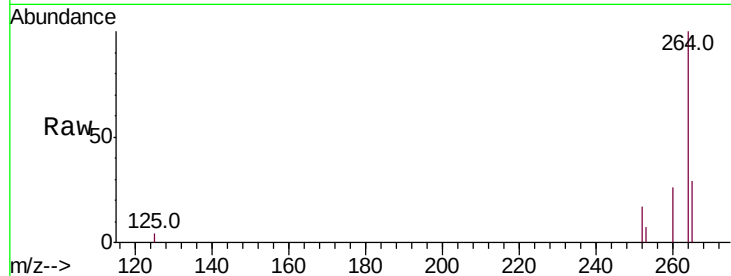


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE097278.D
Acq: 15 Aug 2018 13:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:264 Resp: 6395

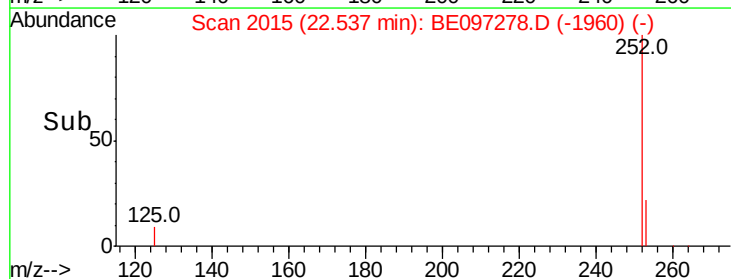
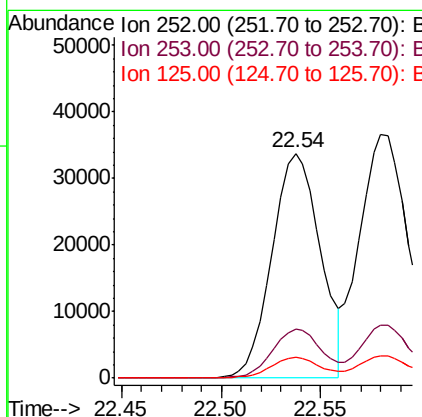
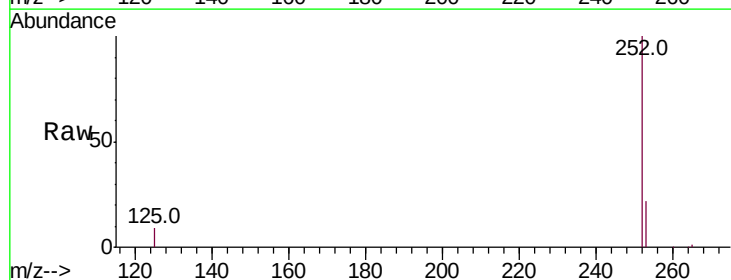
Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	29.1	22.8	34.2

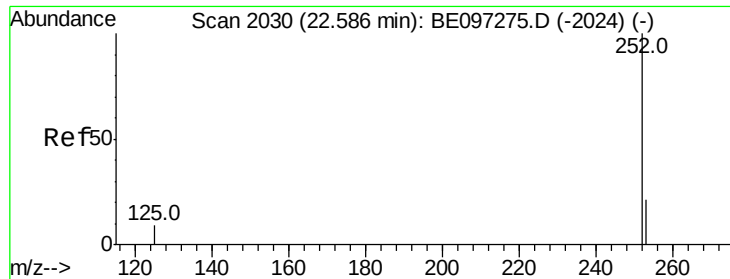


#35
Benzo(b)fluoranthene
Concen: 3.480 ng
RT: 22.54 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BE097278.D
Acq: 15 Aug 2018 13:38

Tgt Ion:252 Resp: 56803

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.0	30.0
125	9.1	16.0	24.0

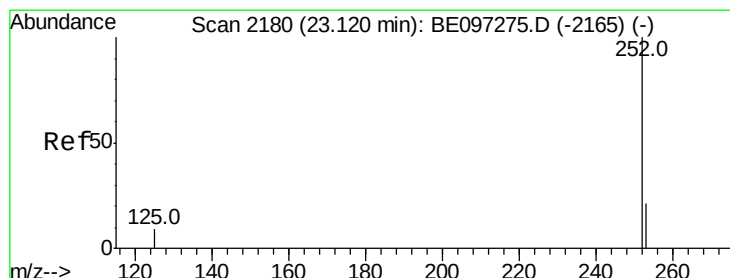
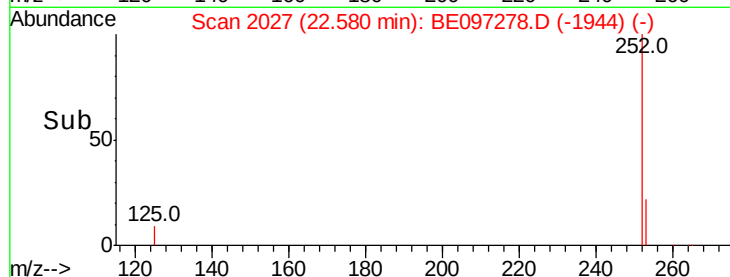
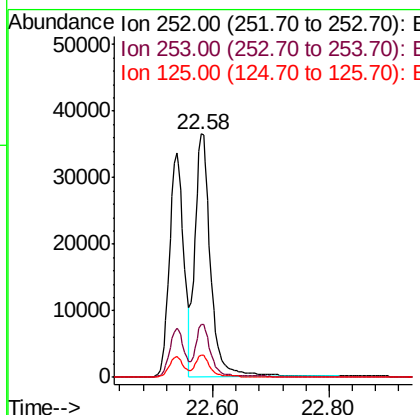
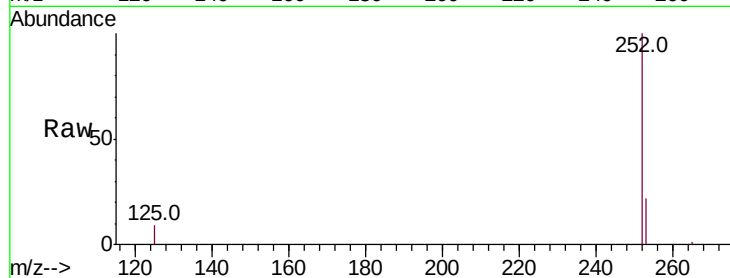




#36
Benzo(k)fluoranthene
Concen: 3.509 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BE097278.D
Acq: 15 Aug 2018 13:38

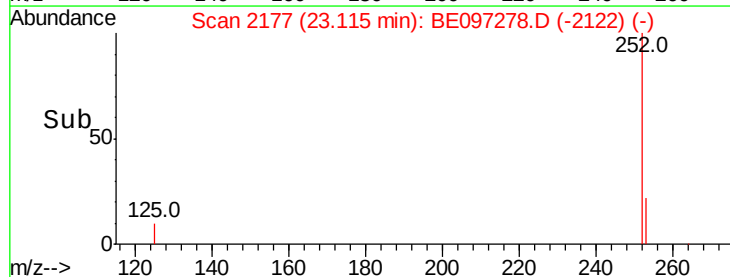
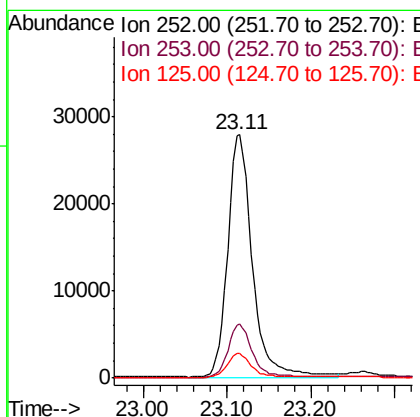
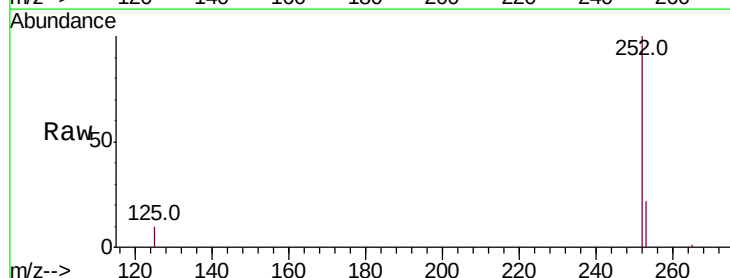
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

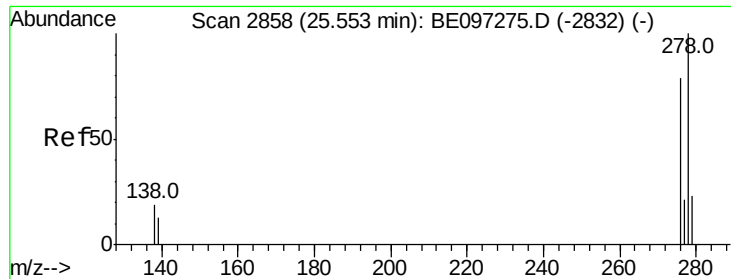
Tot Ion:252 Resp: 68116
Ion Ratio Lower Upper
252 100
253 21.7 16.0 24.0
125 9.1 8.0 12.0



#37
Benzo(a)pyrene
Concen: 3.898 ng
RT: 23.11 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE097278.D
Acq: 15 Aug 2018 13:38

Tgt Ion:252 Resp: 56912
Ion Ratio Lower Upper
252 100
253 22.1 16.0 24.0
125 10.0 12.0 18.0#





#38

Dibenzo(a,h)anthracene

Concen: 4.850 ng

RT: 25.53 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

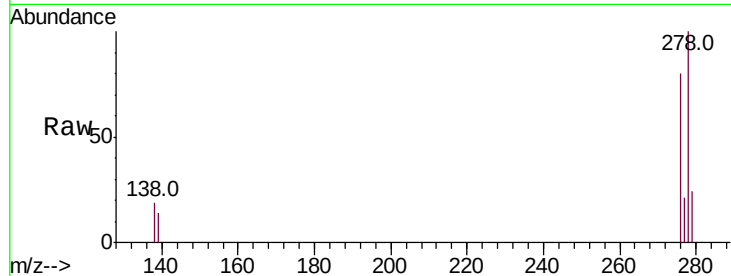
Tot Ion:278 Resp: 57816

Ion Ratio Lower Upper

278 100

139 14.0 16.0 24.0#

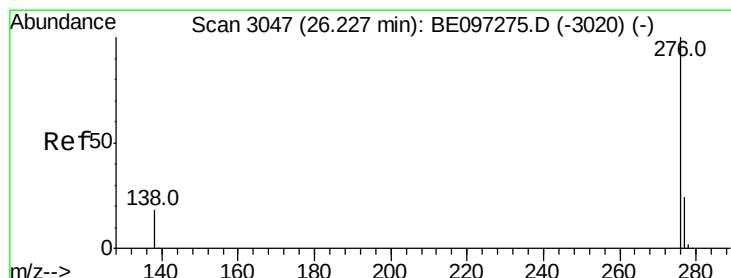
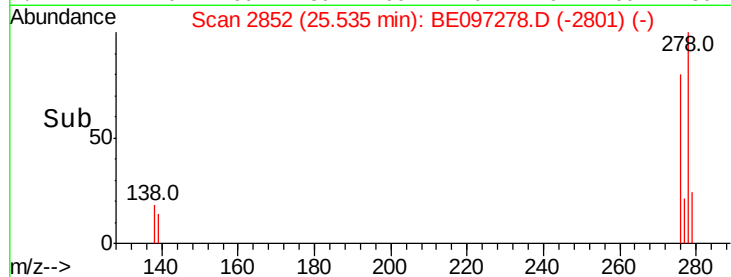
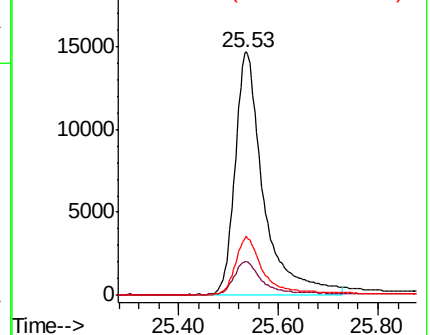
279 24.1 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 4.212 ng

RT: 26.21 min Scan# 3042

Delta R.T. -0.01 min

Lab File: BE097278.D

Acq: 15 Aug 2018 13:38

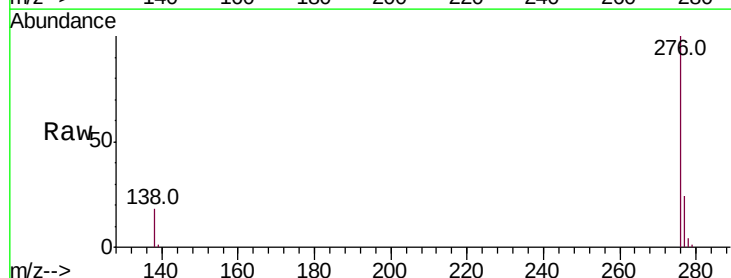
Tgt Ion:276 Resp: 55892

Ion Ratio Lower Upper

276 100

277 23.6 16.0 24.0

138 18.2 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

