

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
 Data File : BE097274.D
 Acq On : 15 Aug 2018 11:08
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Aug 15 13:05:55 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	1045	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5306	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2902	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6537	0.40	ng	0.00
27) Chrysene-d12	20.98	240	6090	0.40	ng	0.00
34) Perylene-d12	23.22	264	5942	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	708	0.28	ng	0.00
5) Phenol-d6	6.61	99	940	0.25	ng	0.00
8) Nitrobenzene-d5	8.53	82	974	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1576	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	163	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	2216	0.21	ng	0.00
25) Fluoranthene-d10	18.81	212	12222	0.21	ng	0.00
29) Terphenyl-d14	19.43	244	2237	0.19	ng	0.00

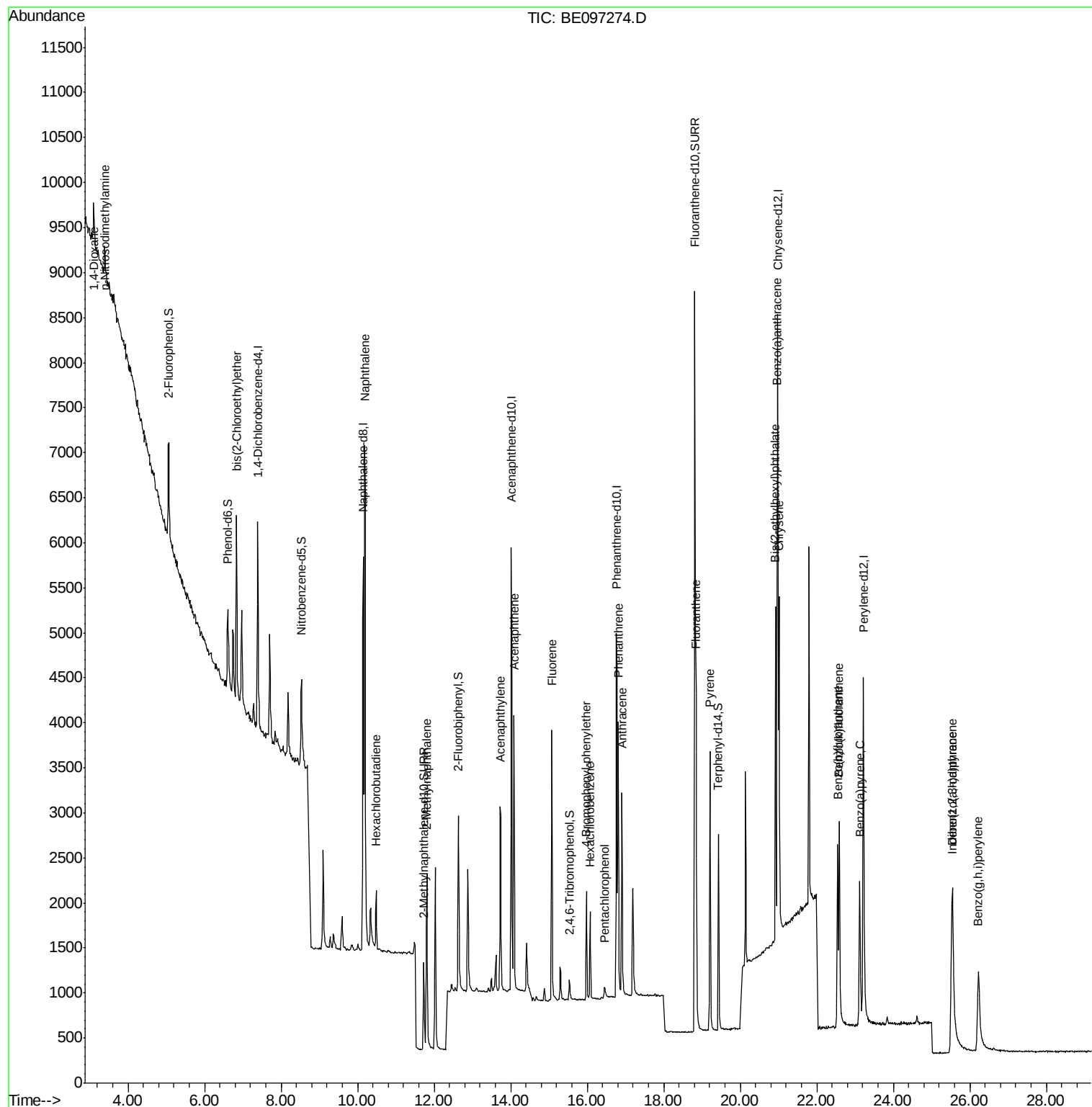
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	239	0.160	ng	96
3) n-Nitrosodimethylamine	3.38	42	282	0.168	ng	# 96
6) bis(2-Chloroethyl)ether	6.84	93	787	0.210	ng	88
9) Naphthalene	10.18	128	10103	0.213	ng	99
10) Hexachlorobutadiene	10.48	225	454	0.236	ng	98
12) 2-Methylnaphthalene	11.80	142	1624	0.202	ng	95
16) Acenaphthylene	13.73	152	2675	0.202	ng	100
17) Acenaphthene	14.08	154	1537	0.187	ng	# 89
18) Fluorene	15.08	166	1878	0.203	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	666	0.215	ng	# 80
21) Hexachlorobenzene	16.08	284	783	0.228	ng	# 83
22) Pentachlorophenol	16.46	266	127	0.225	ng	88
23) Phenanthrene	16.81	178	3121	0.199	ng	98
24) Anthracene	16.91	178	2612	0.192	ng	95
26) Fluoranthene	18.84	202	3235	0.196	ng	98
28) Pyrene	19.21	202	3250	0.181	ng	100
30) Benzo(a)anthracene	20.97	228	3028	0.209	ng	96
31) Chrysene	21.01	228	3224	0.198	ng	96
32) Bis(2-ethylhexyl)phthalate	20.92	149	4280	0.296	ng	100
33) Indeno(1,2,3-cd)pyrene	25.53	276	3440	0.290	ng	# 80
35) Benzo(b)fluoranthene	22.54	252	2842	0.187	ng	# 93
36) Benzo(k)fluoranthene	22.59	252	3520	0.195	ng	# 87
37) Benzo(a)pyrene	23.12	252	2849	0.210	ng	# 91
38) Dibenzo(a,h)anthracene	25.55	278	2808	0.254	ng	92
39) Benzo(g,h,i)perylene	26.22	276	2976	0.241	ng	# 89

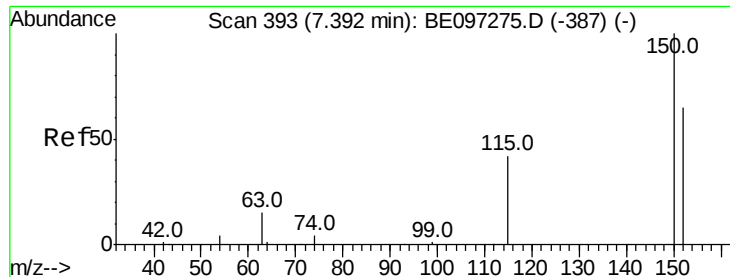
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Aug 15 13:05:55 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

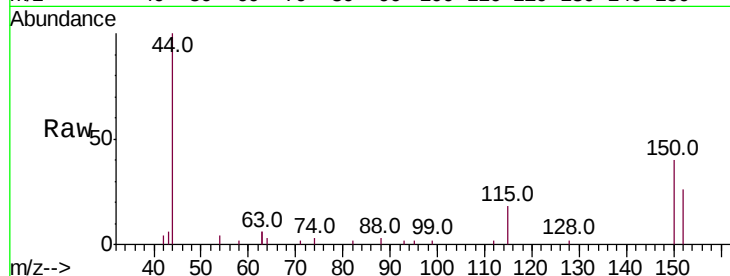
Tot Ion:152 Resp: 1045

Ion Ratio Lower Upper

152 100

150 153.2 117.2 175.8

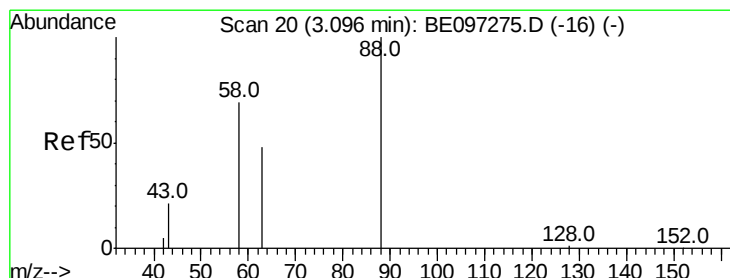
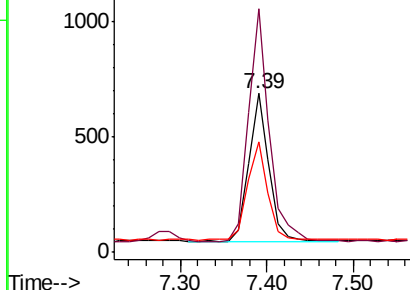
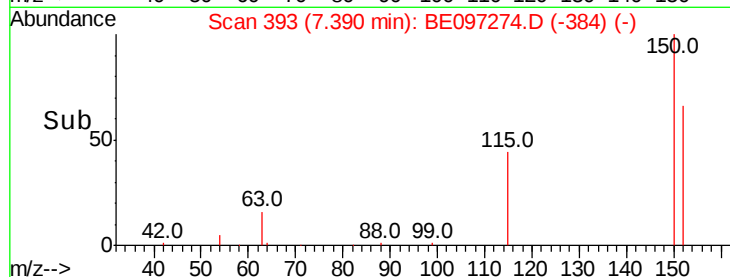
115 69.1 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.160 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

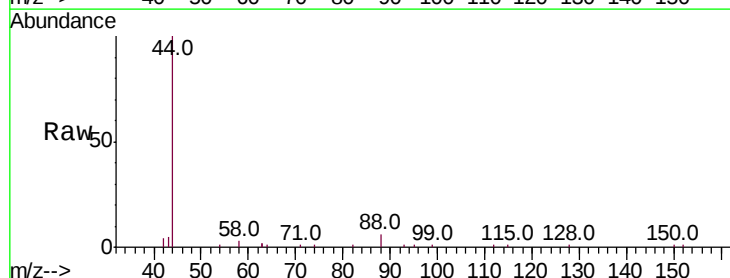
Tgt Ion: 88 Resp: 239

Ion Ratio Lower Upper

88 100

58 76.6 63.2 94.8

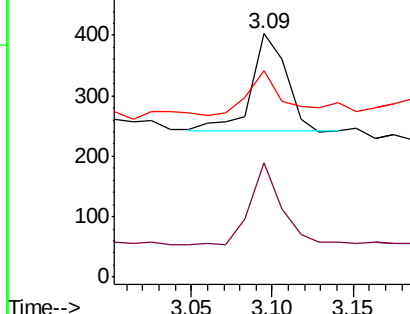
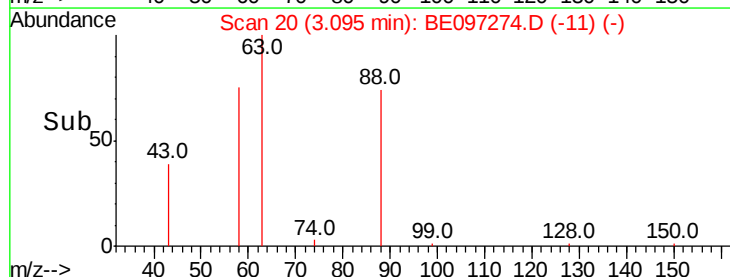
43 55.2 41.2 61.8

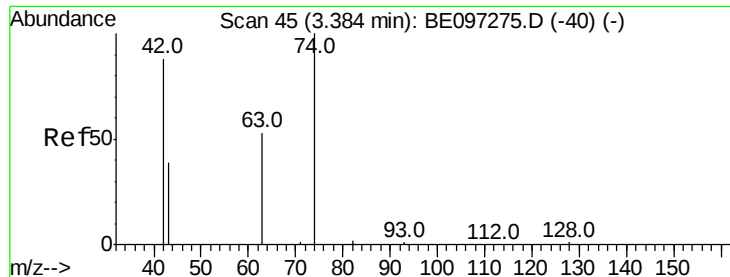


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



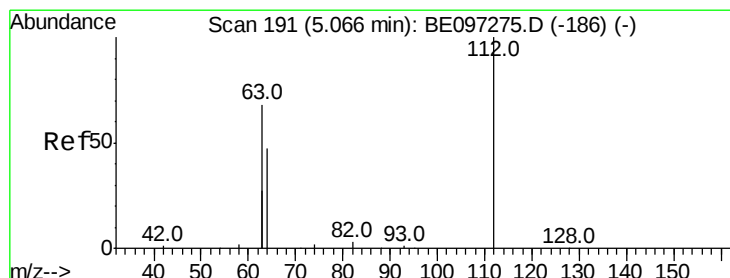
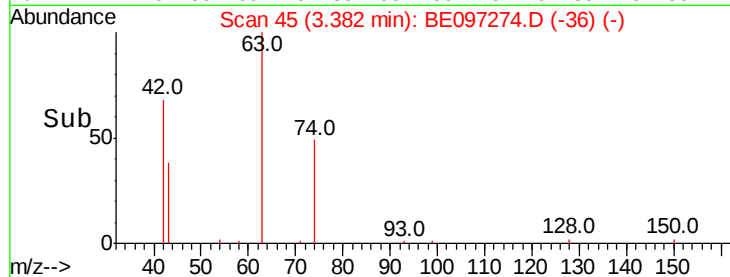
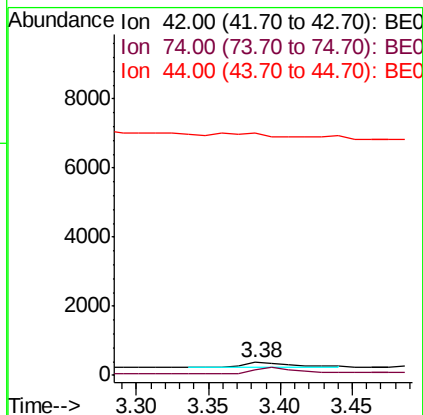
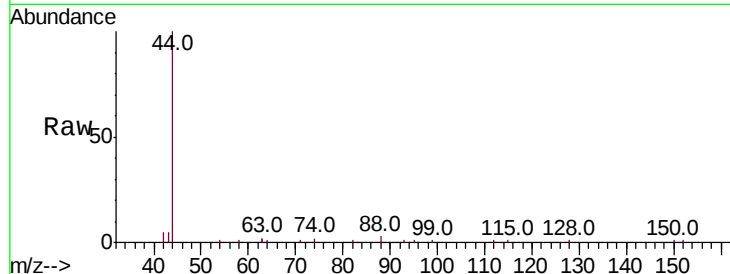


#3

n-Nitrosodimethylamine
 Concen: 0.168 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097274.D
 Acq: 15 Aug 2018 11:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

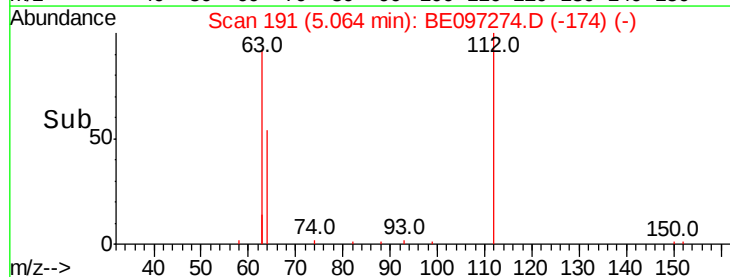
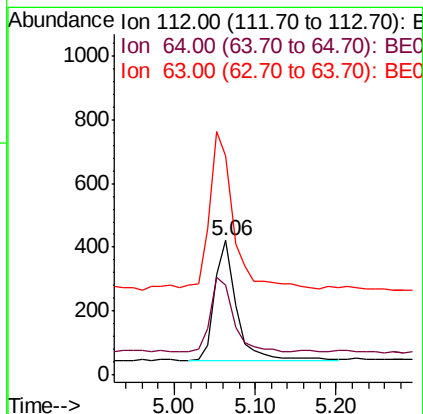
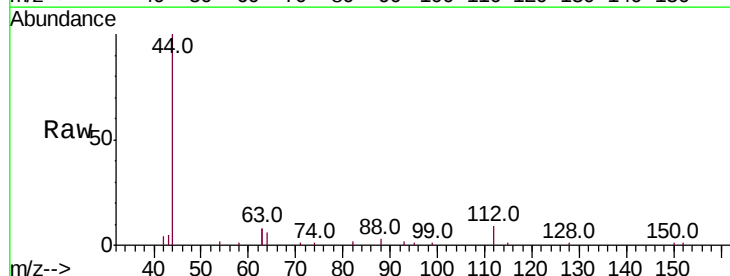
Tot Ion: 42 Resp: 282
 Ion Ratio Lower Upper
 42 100
 74 119.5 96.0 144.0
 44 0.0 12.0 18.0#

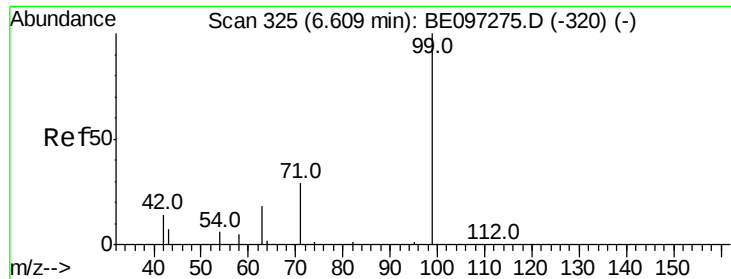


#4

2-Fluorophenol
 Concen: 0.283 ng
 RT: 5.06 min Scan# 191
 Delta R.T. -0.00 min
 Lab File: BE097274.D
 Acq: 15 Aug 2018 11:08

Tgt Ion: 112 Resp: 708
 Ion Ratio Lower Upper
 112 100
 64 64.3 60.1 90.1
 63 141.9 116.8 175.2





#5

Phenol-d6

Concen: 0.246 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

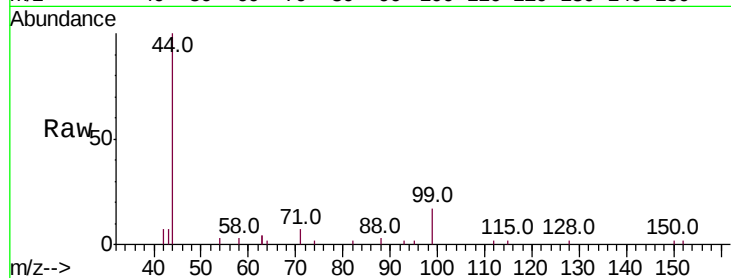
Tot Ion: 99 Resp: 940

Ion Ratio Lower Upper

99 100

42 20.3 20.2 30.2

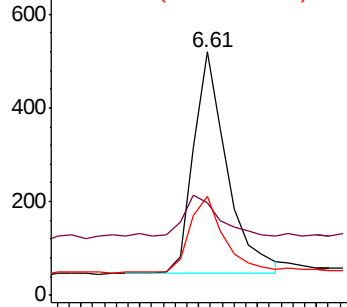
71 35.9 28.4 42.6



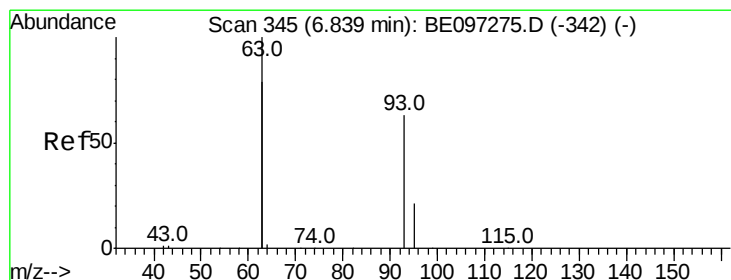
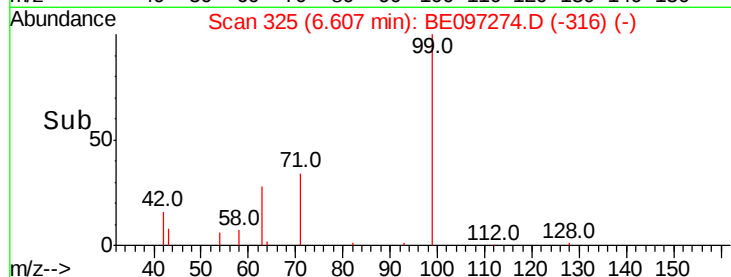
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.210 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

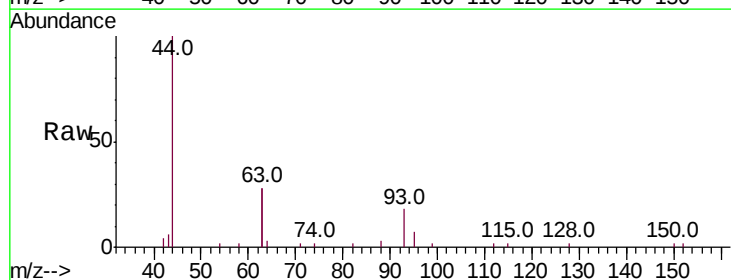
Tgt Ion: 93 Resp: 787

Ion Ratio Lower Upper

93 100

63 316.1 275.3 412.9

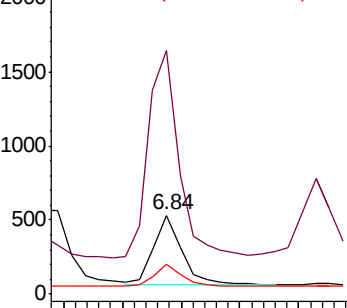
95 31.9 25.2 37.8



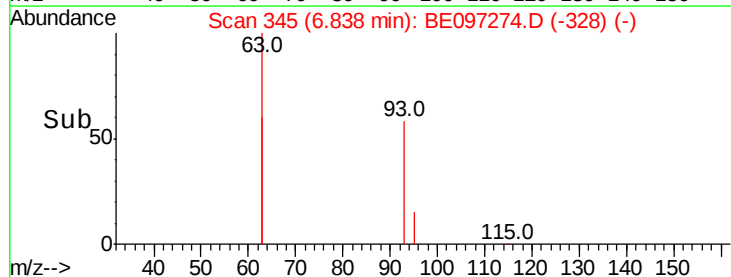
Abundance Ion 93.00 (92.70 to 93.70): BE0

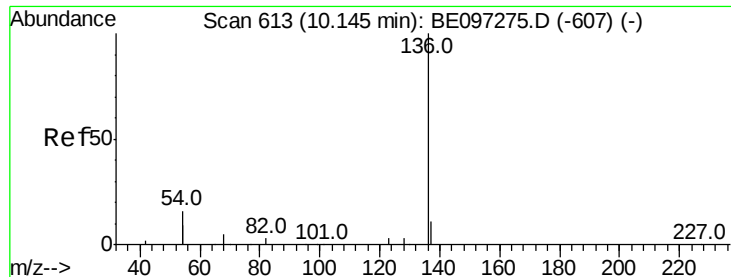
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 5306

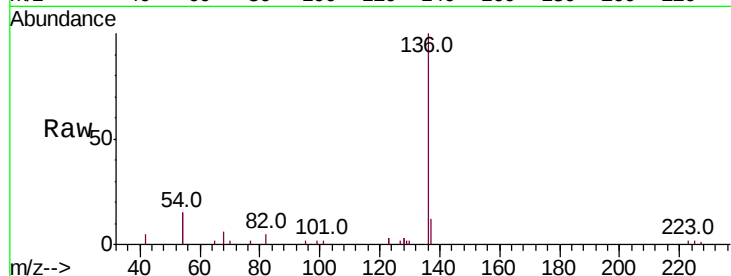
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 30.9 29.1 43.7

68 6.4 6.2 9.2

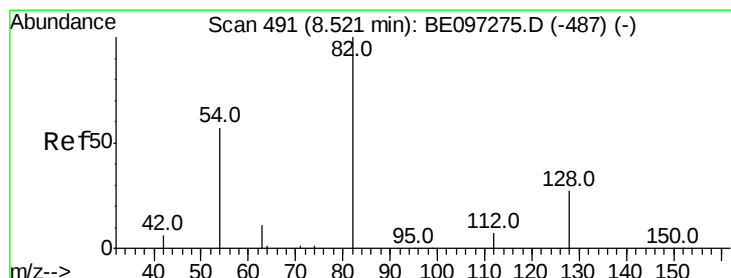
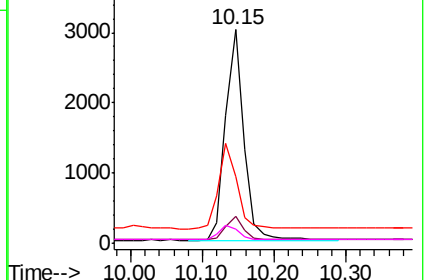
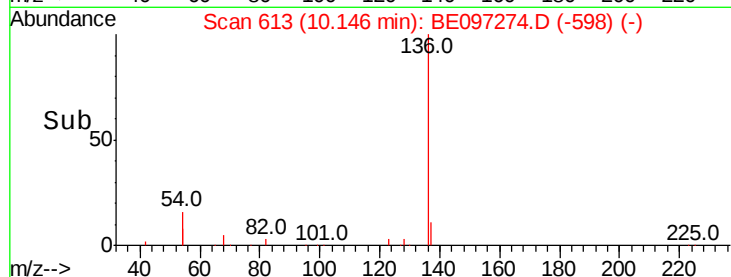


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.252 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

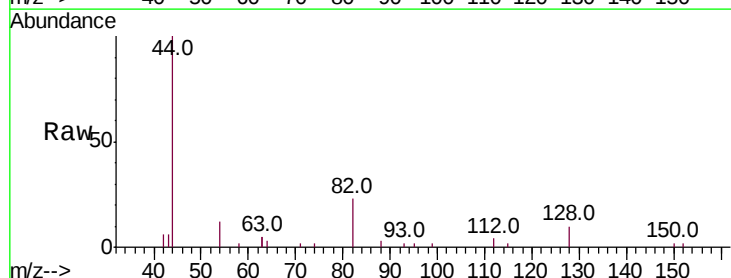
Tgt Ion: 82 Resp: 974

Ion Ratio Lower Upper

82 100

128 41.1 24.0 36.0#

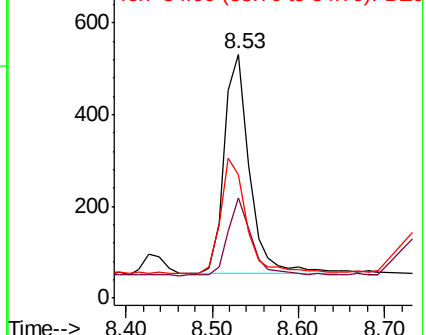
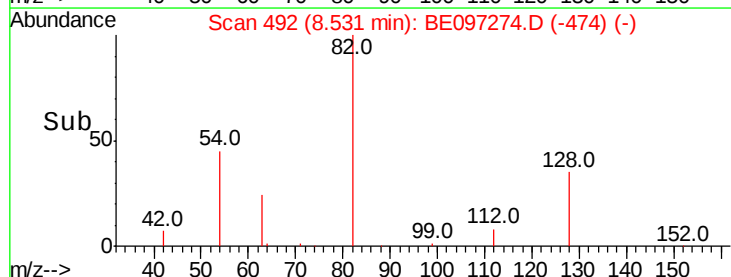
54 50.7 40.0 60.0

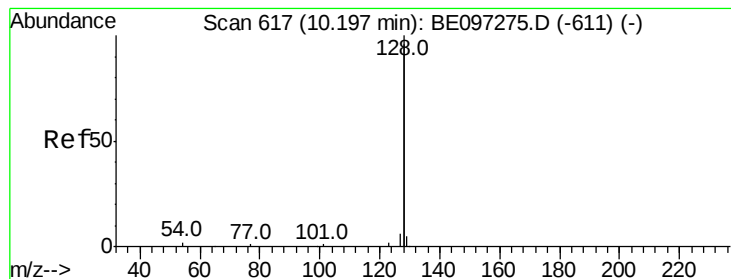


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.213 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.01 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

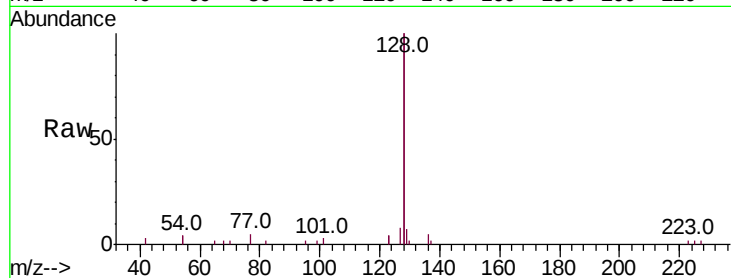
Tot Ion:128 Resp: 10103

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

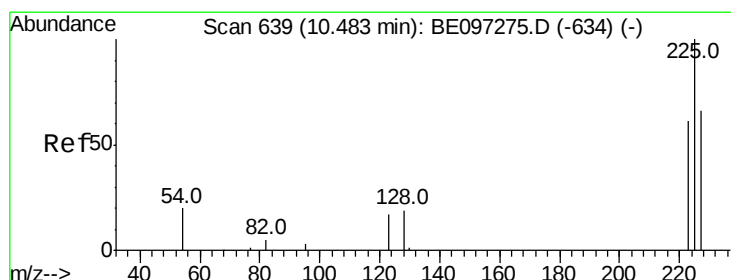
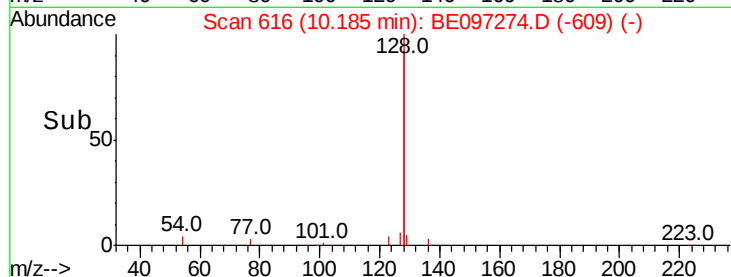
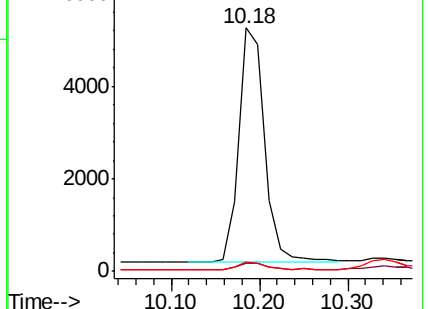
127 4.1 2.8 4.2



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: 0.236 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

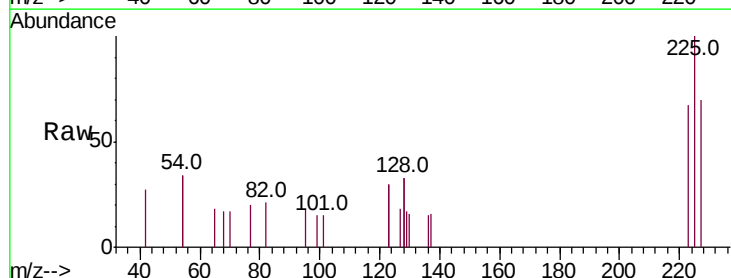
Tgt Ion:225 Resp: 454

Ion Ratio Lower Upper

225 100

223 64.1 53.0 79.6

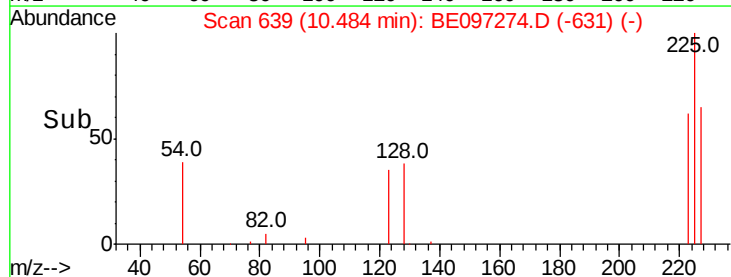
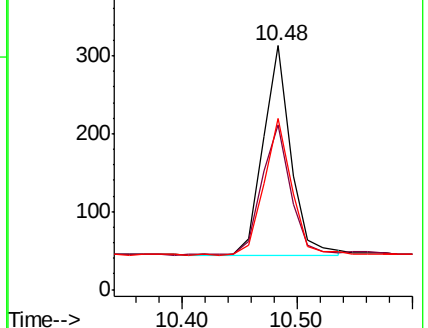
227 65.0 51.4 77.2

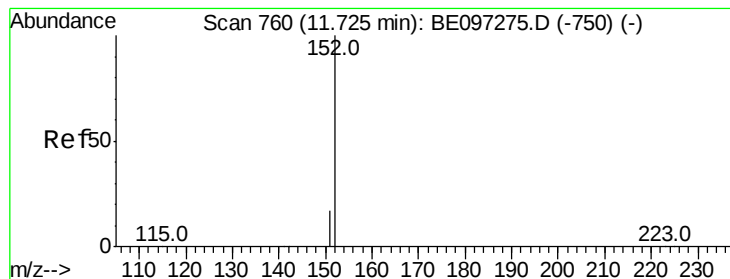


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.204 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

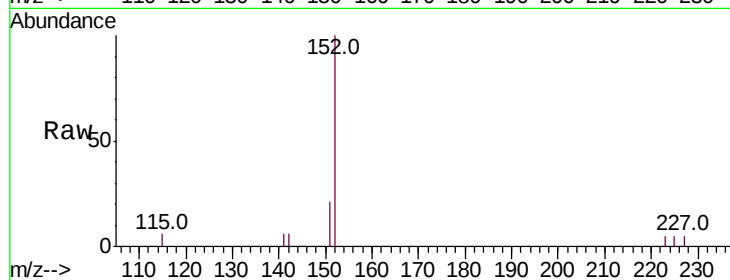
SSTDIC0.2

Tot Ion:152 Resp: 1576

Ion Ratio Lower Upper

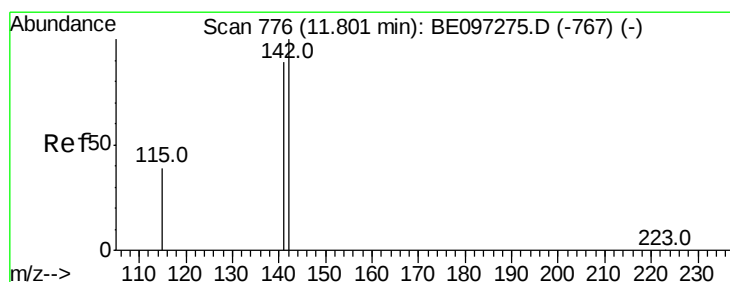
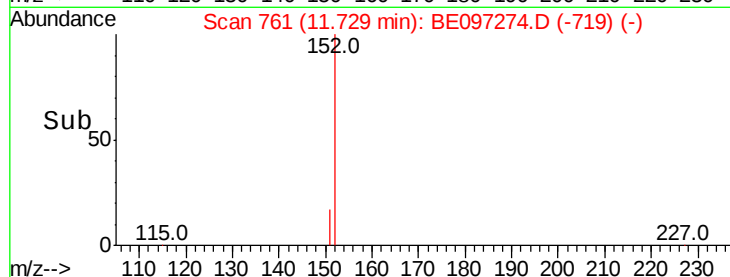
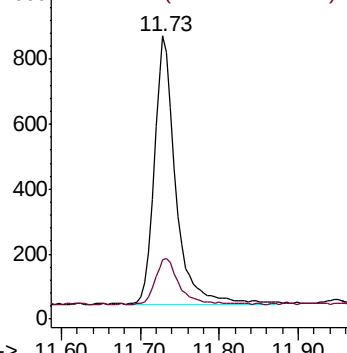
152 100

151 19.1 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: 0.202 ng

RT: 11.80 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

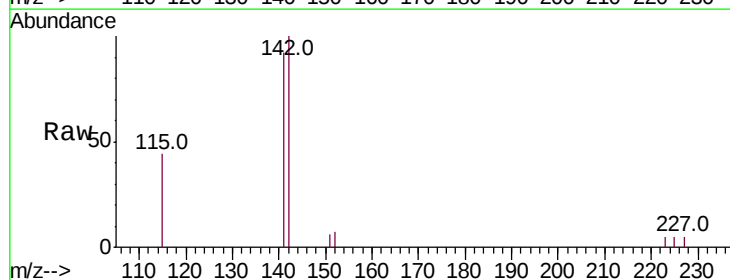
Tgt Ion:142 Resp: 1624

Ion Ratio Lower Upper

142 100

141 92.3 70.4 105.6

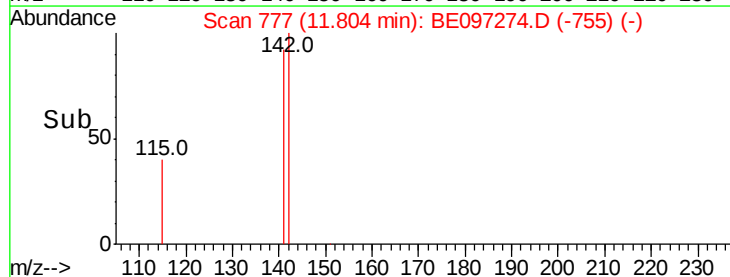
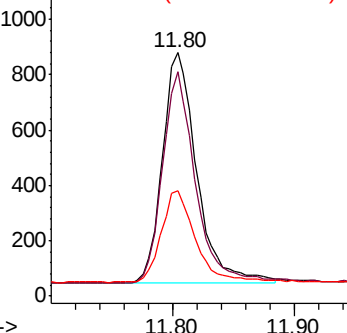
115 43.6 31.7 47.5

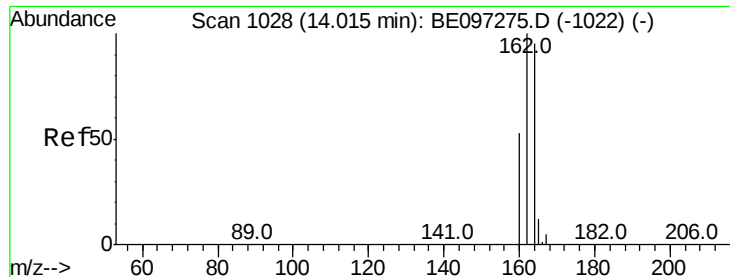


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

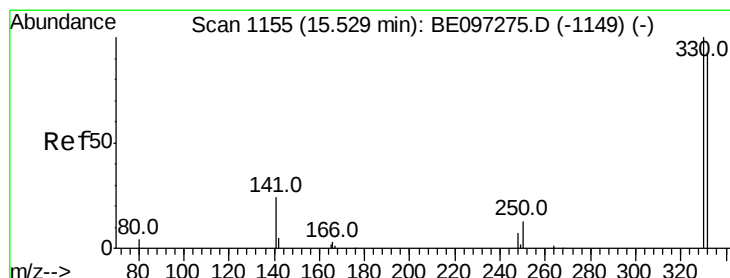
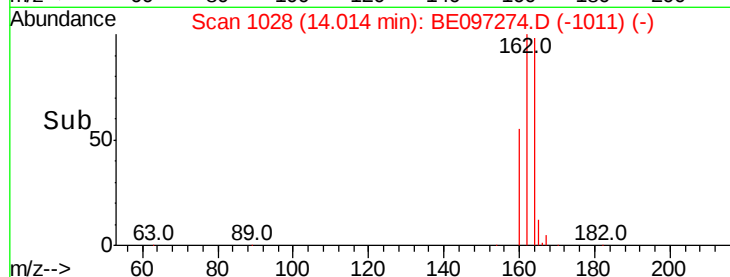
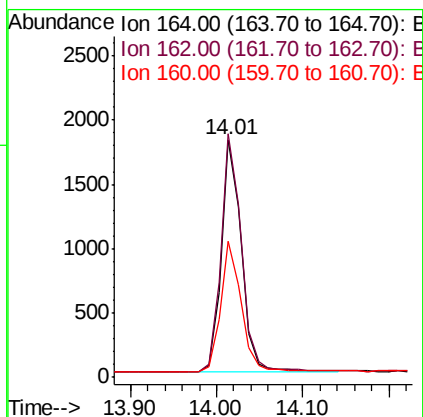
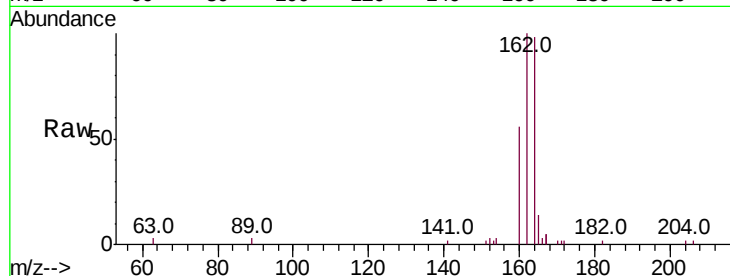




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097274.D
Acq: 15 Aug 2018 11:08

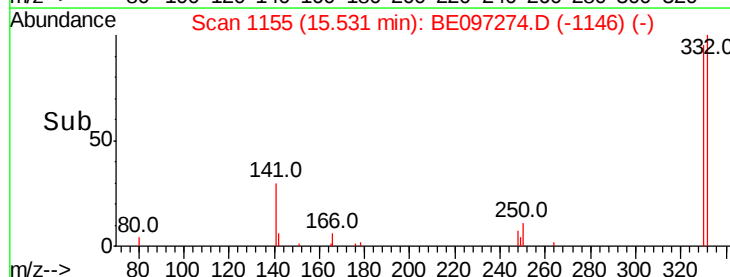
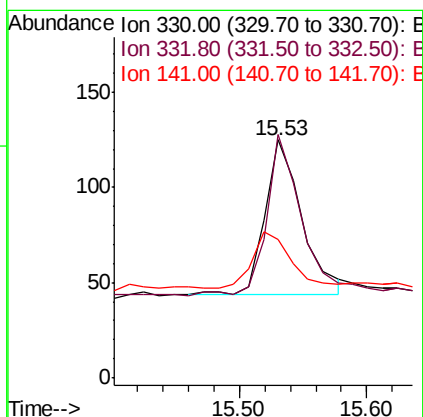
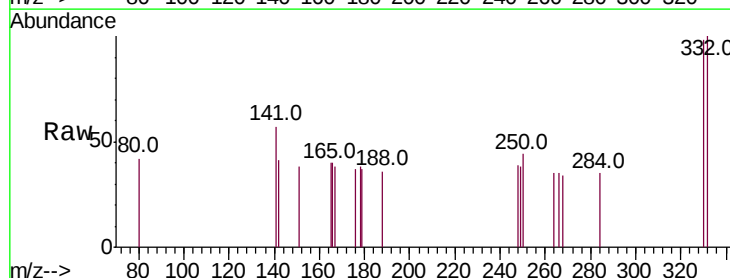
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

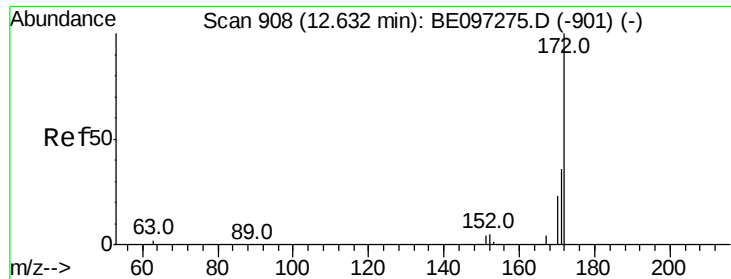
Tot Ion:164 Resp: 2902
Ion Ratio Lower Upper
164 100
162 102.4 83.1 124.7
160 57.3 37.1 55.7#



#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE097274.D
Acq: 15 Aug 2018 11:08

Tgt Ion:330 Resp: 163
Ion Ratio Lower Upper
330 100
332 99.4 152.7 229.1#
141 39.3 33.7 50.5

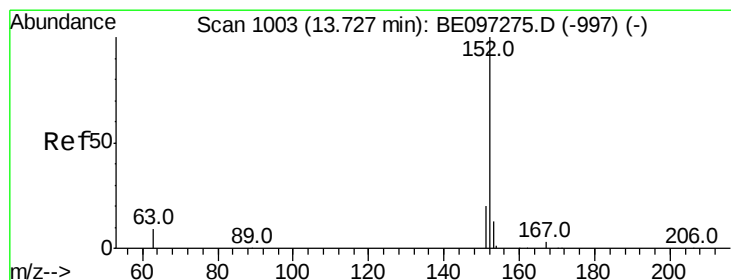
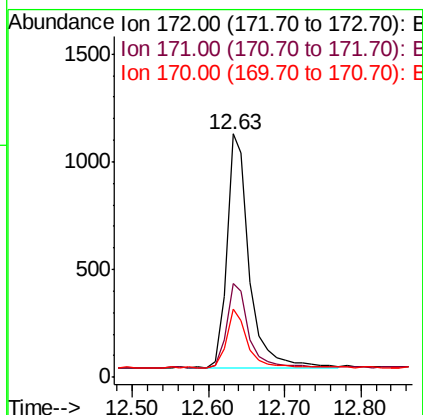
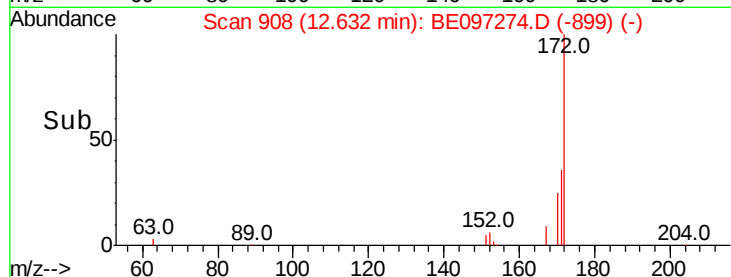
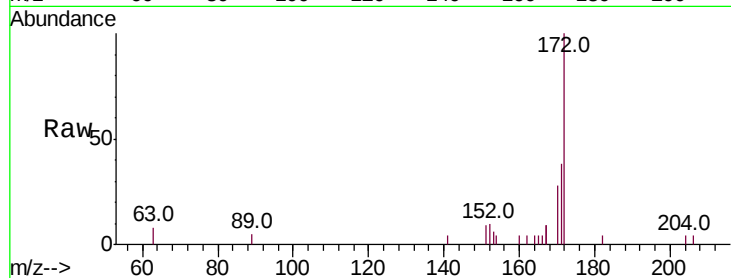




#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097274.D
Acq: 15 Aug 2018 11:08

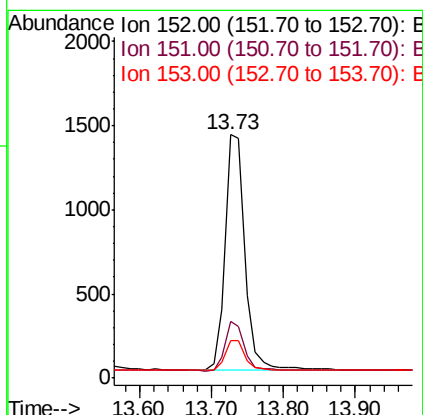
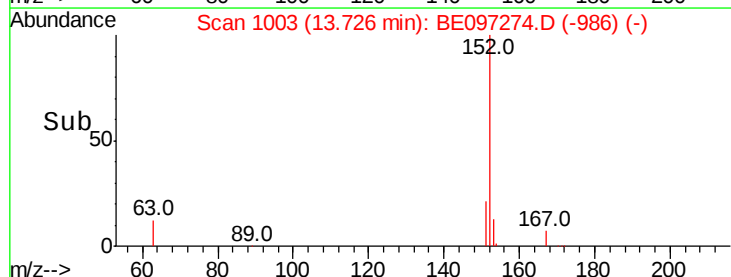
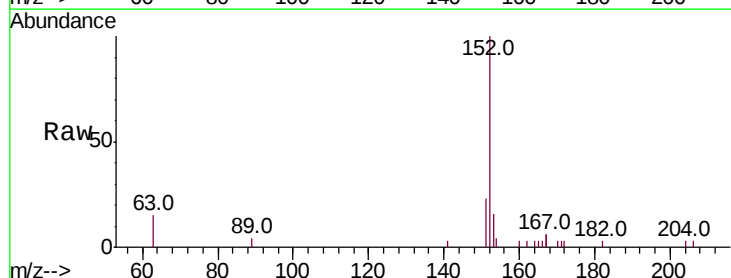
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

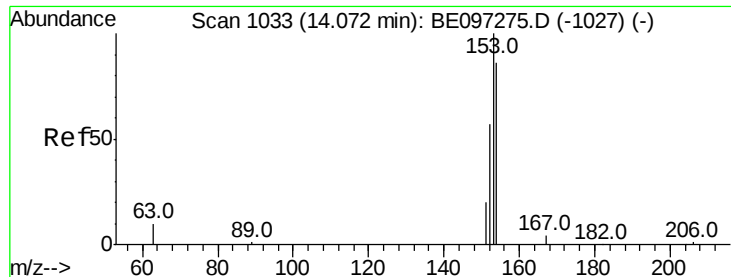
Tot Ion:172 Resp: 2216
Ion Ratio Lower Upper
172 100
171 38.4 29.9 44.9
170 28.0 21.8 32.8



#16
Acenaphthylene
Concen: 0.202 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097274.D
Acq: 15 Aug 2018 11:08

Tgt Ion:152 Resp: 2675
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.187 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

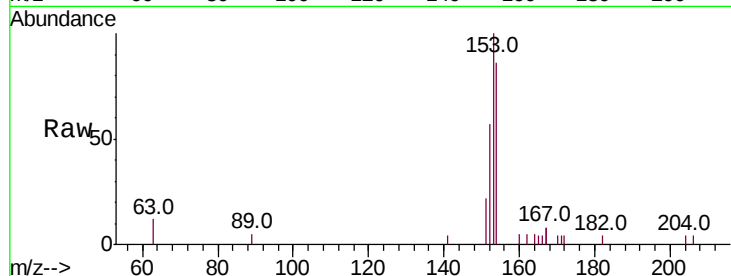
Tot Ion:154 Resp: 1537

Ion Ratio Lower Upper

154 100

153 119.1 89.2 133.8

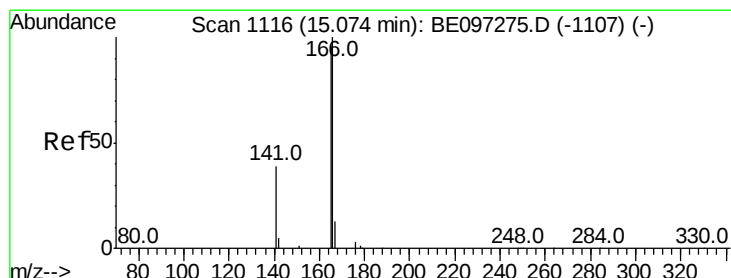
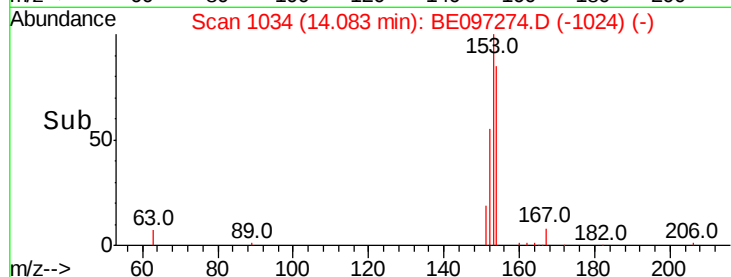
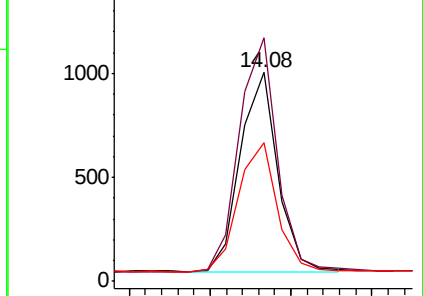
152 66.7 42.0 63.0#



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: 0.203 ng

RT: 15.08 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

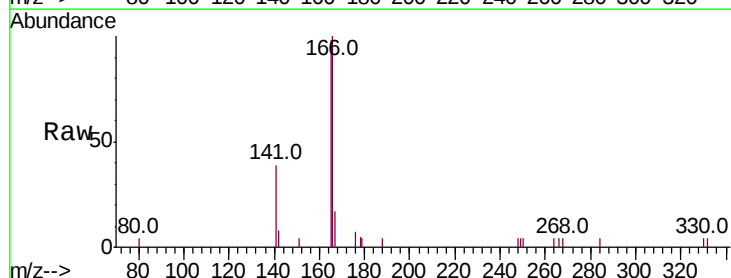
Tgt Ion:166 Resp: 1878

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.6

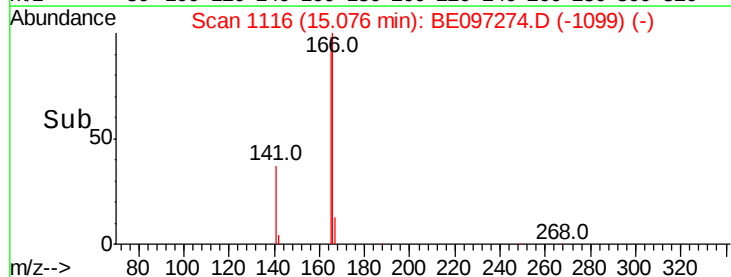
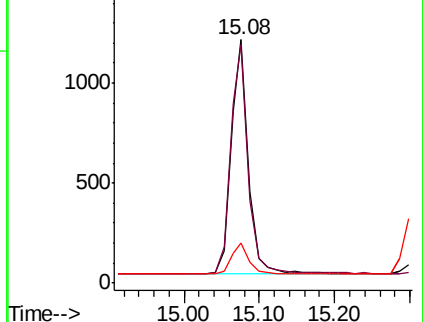
167 13.8 42.4 63.6#

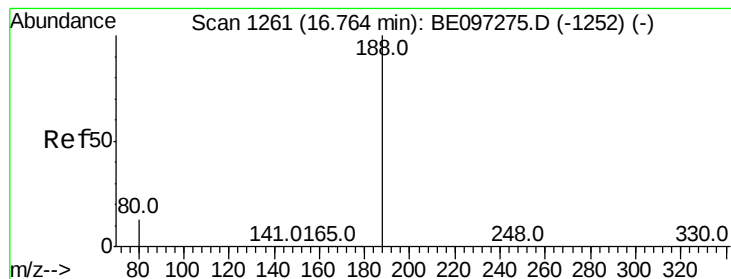


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

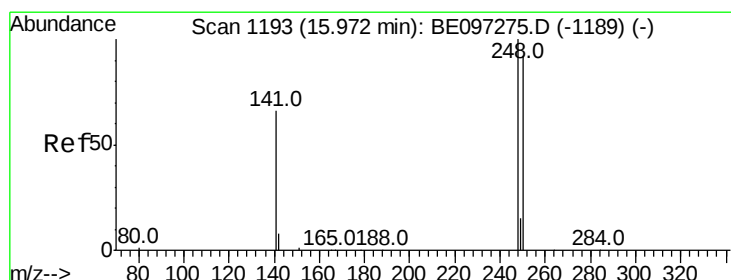
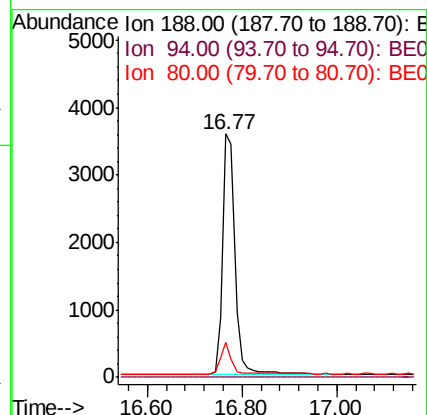
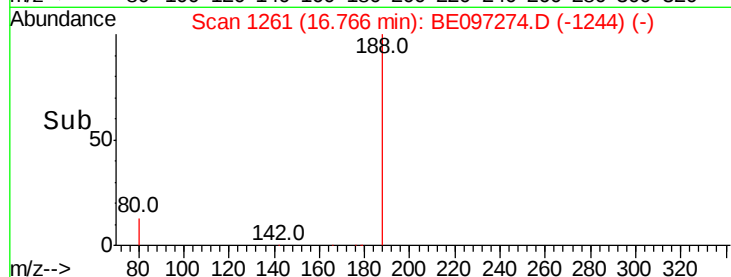
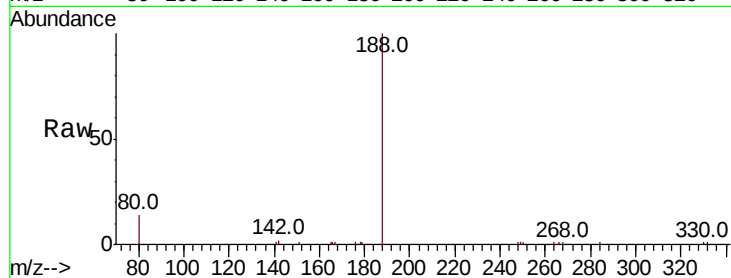
Tot Ion:188 Resp: 6537

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 14.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.215 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

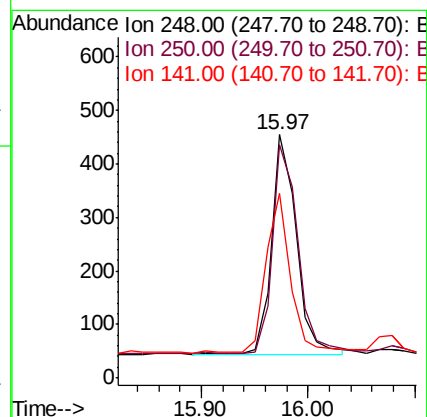
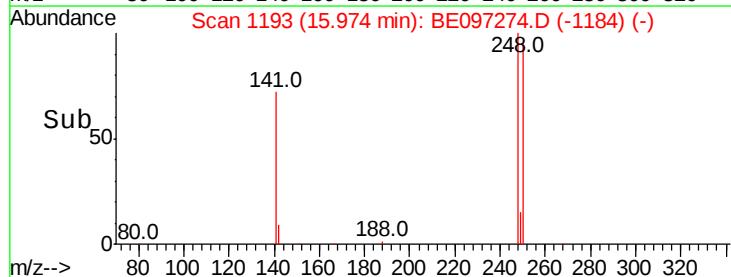
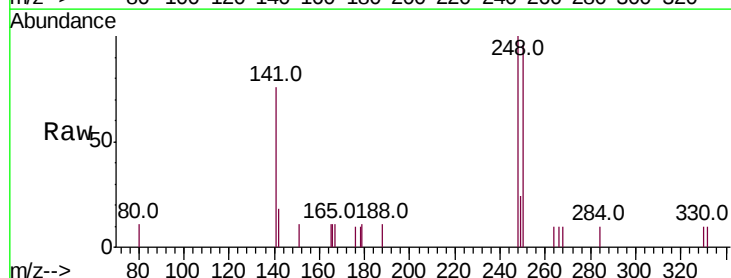
Tgt Ion:248 Resp: 666

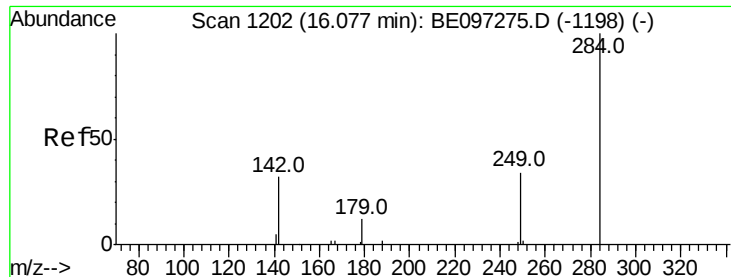
Ion Ratio Lower Upper

248 100

250 96.0 62.7 94.1#

141 75.8 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.228 ng

RT: 16.08 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

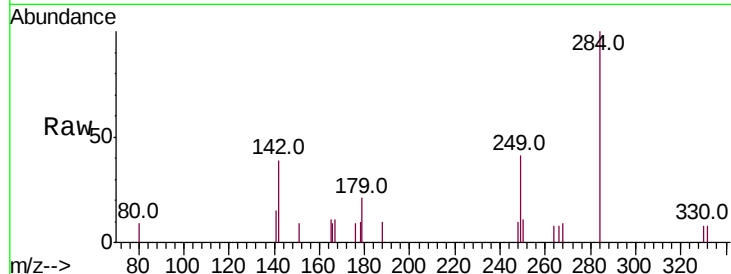
Tot Ion:284 Resp: 783

Ion Ratio Lower Upper

284 100

142 34.6 22.1 33.1#

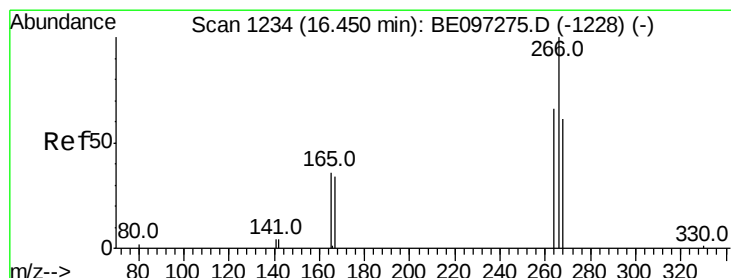
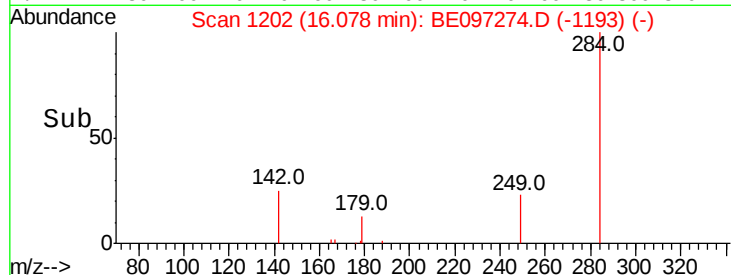
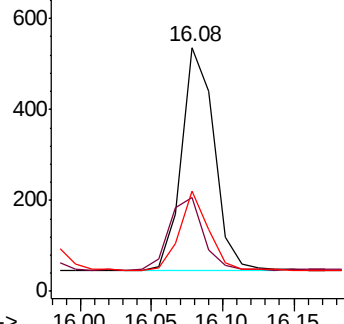
249 31.2 34.8 52.2#



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: 0.225 ng

RT: 16.46 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

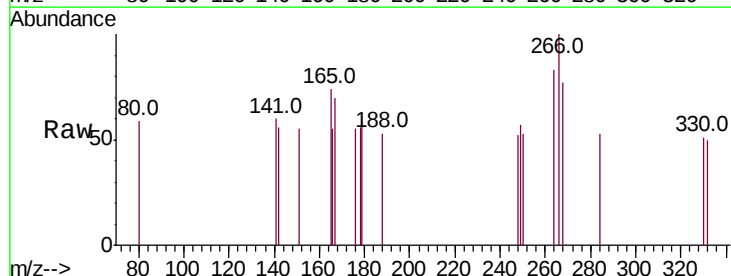
Tgt Ion:266 Resp: 127

Ion Ratio Lower Upper

266 100

264 82.6 72.5 108.7

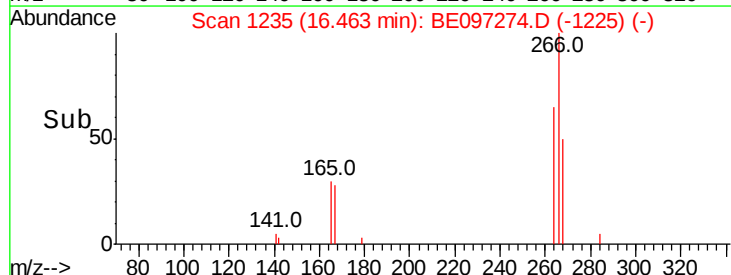
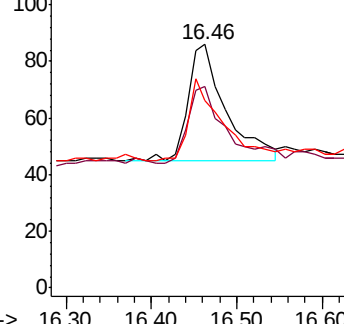
268 76.7 73.8 110.6

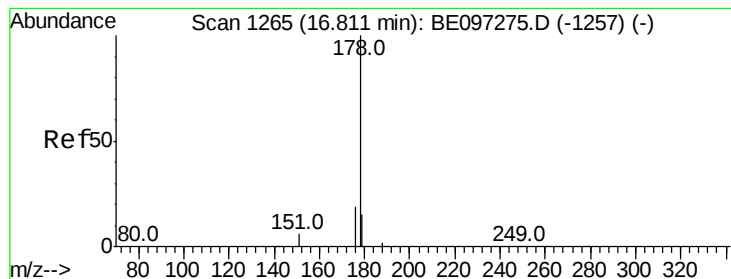


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.199 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

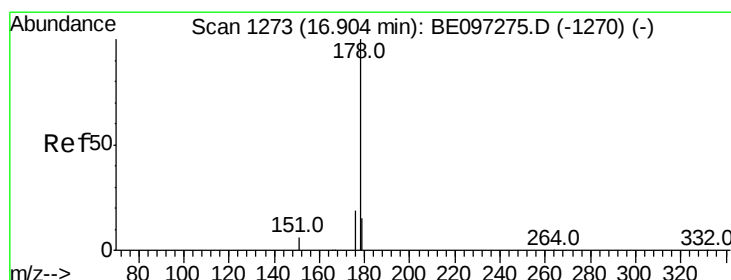
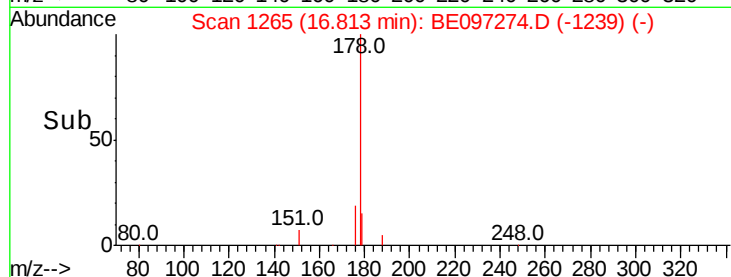
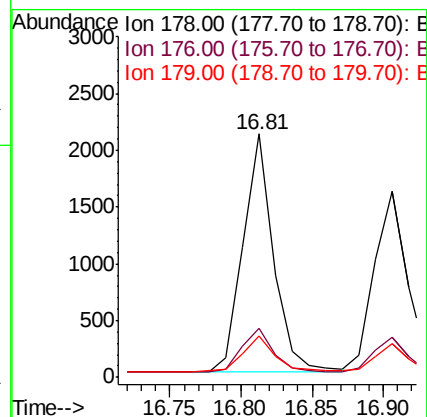
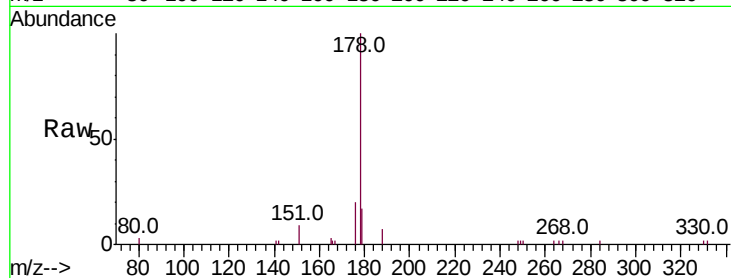
Tot Ion:178 Resp: 3121

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.8 11.8 17.6



#24

Anthracene

Concen: 0.192 ng

RT: 16.91 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

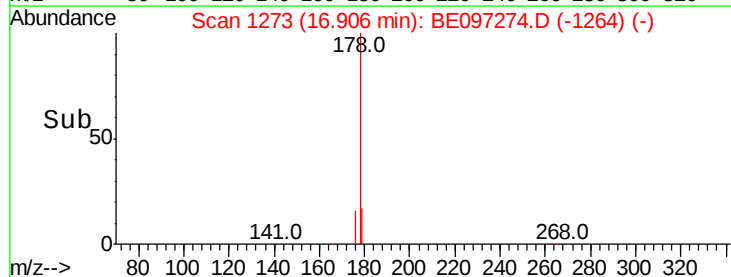
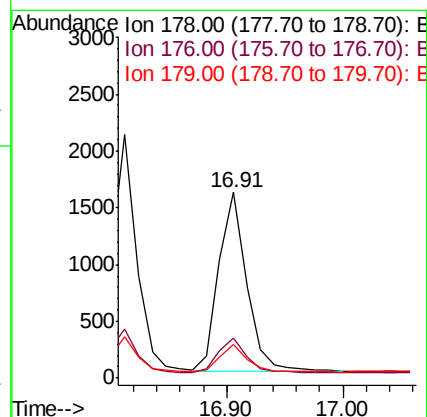
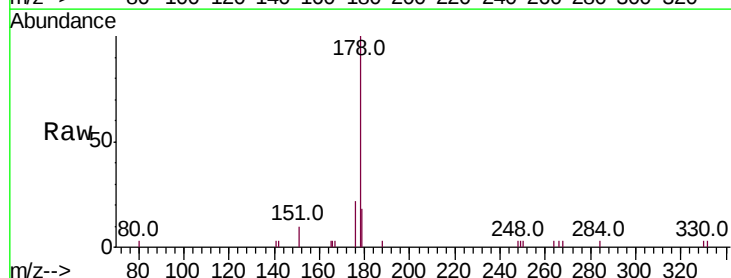
Tgt Ion:178 Resp: 2612

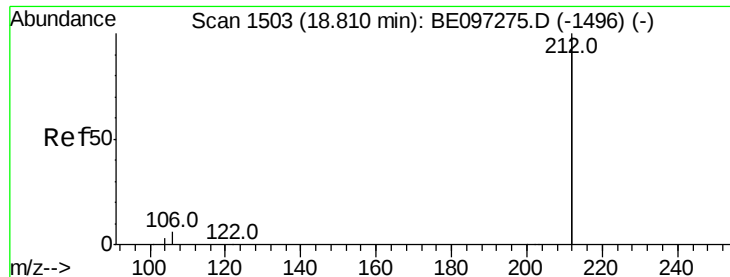
Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

179 14.9 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.215 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

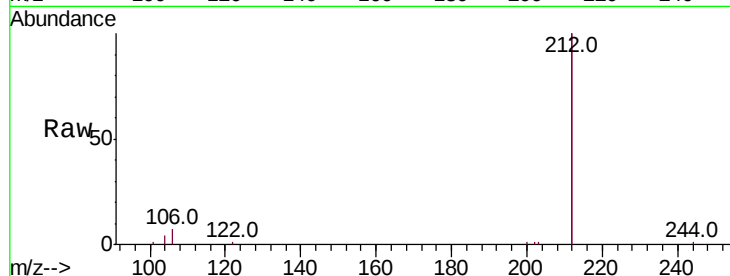
Tot Ion:212 Resp: 12222

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

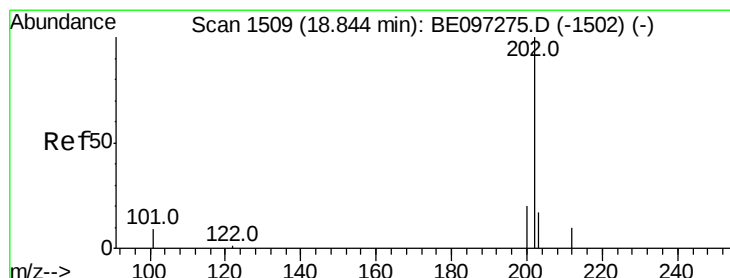
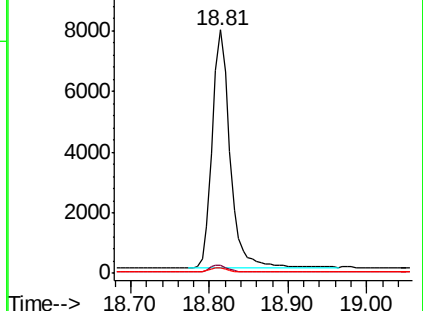
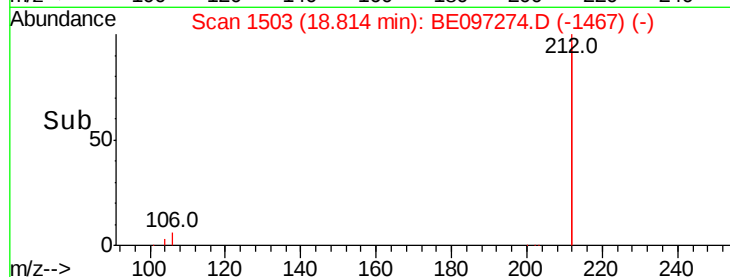
104 1.6 1.6 2.4



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: 0.196 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

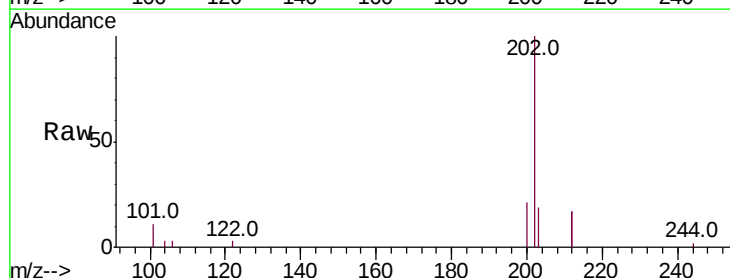
Tgt Ion:202 Resp: 3235

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

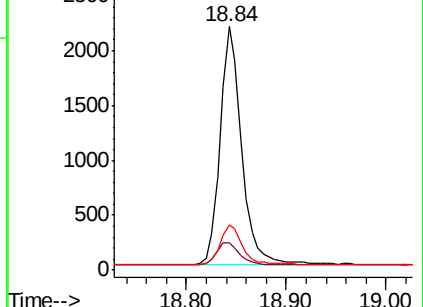
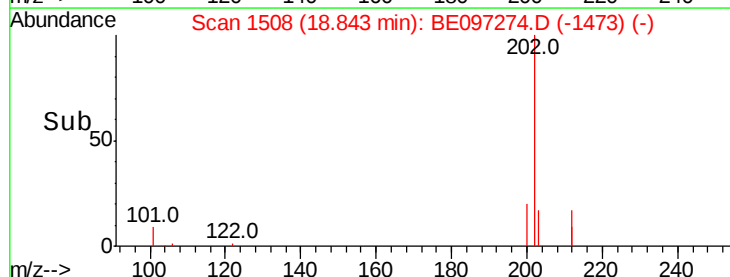
203 17.3 13.7 20.5

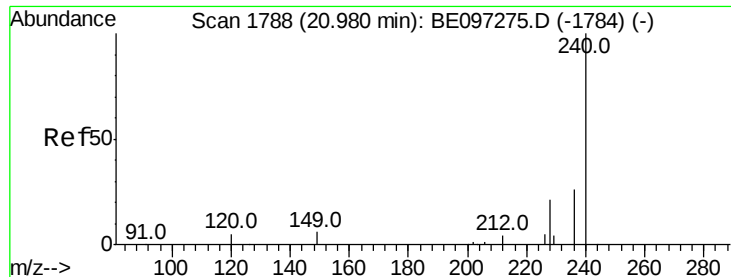


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

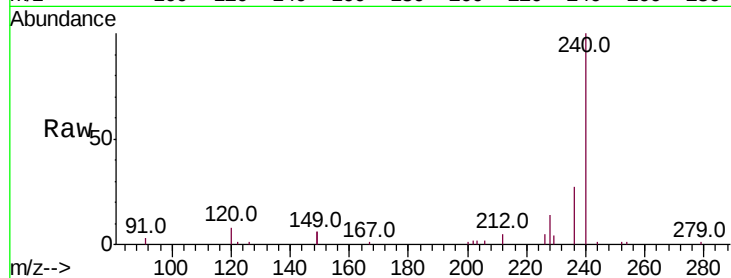
Tot Ion:240 Resp: 6090

Ion Ratio Lower Upper

240 100

120 7.6 5.5 8.3

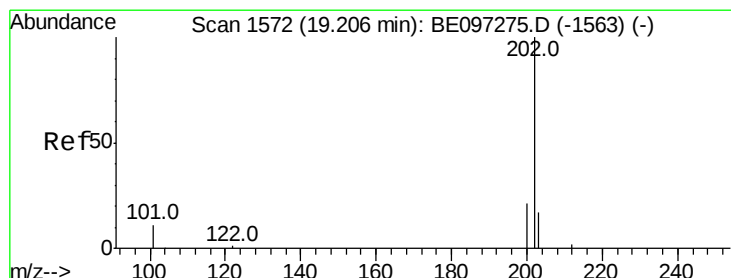
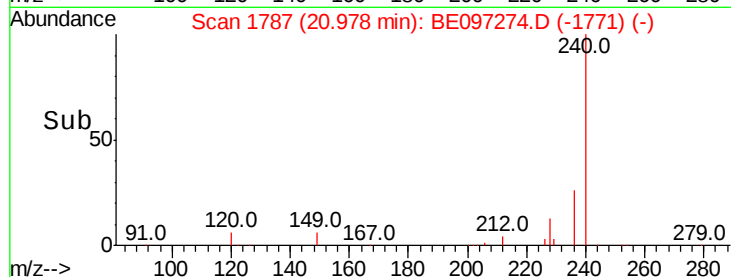
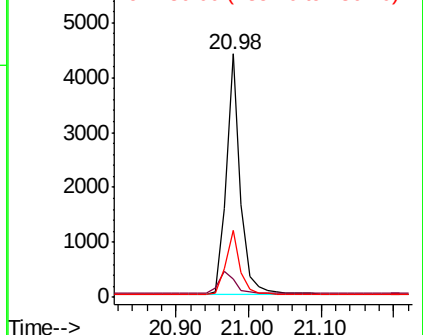
236 27.3 20.7 31.1



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: 0.181 ng

RT: 19.21 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

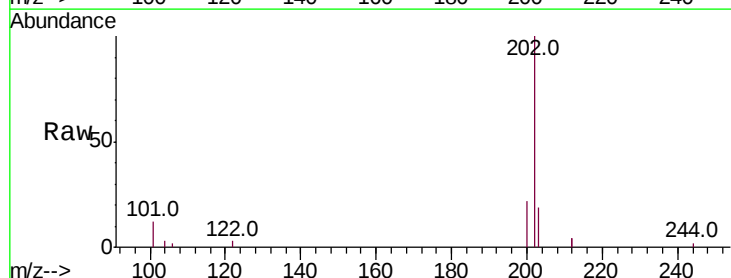
Tgt Ion:202 Resp: 3250

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

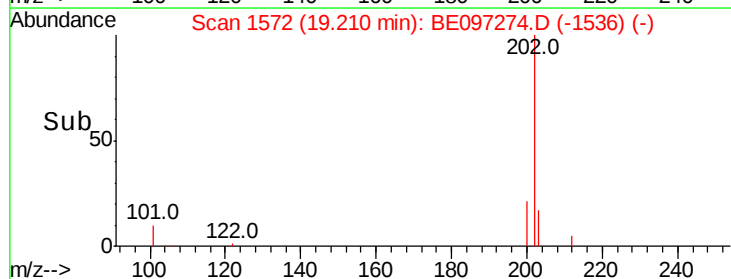
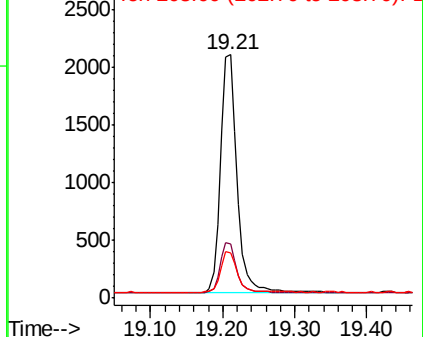
203 17.2 13.8 20.8

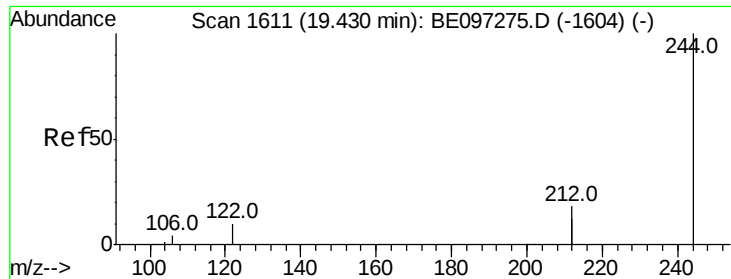


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

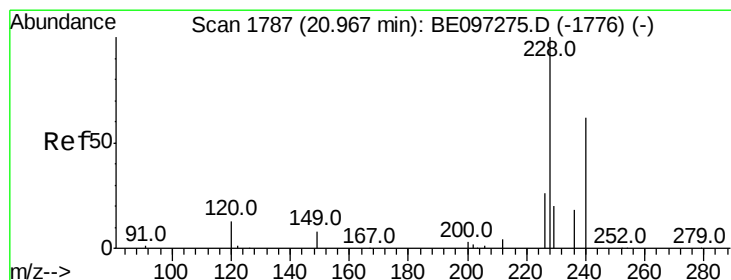
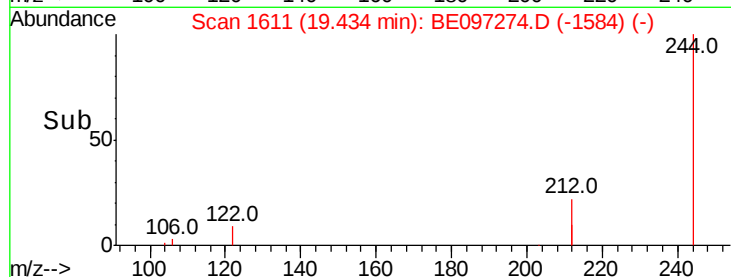
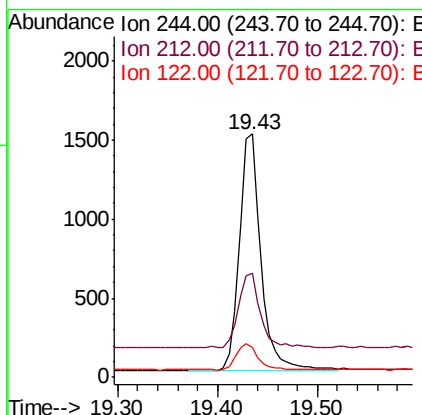
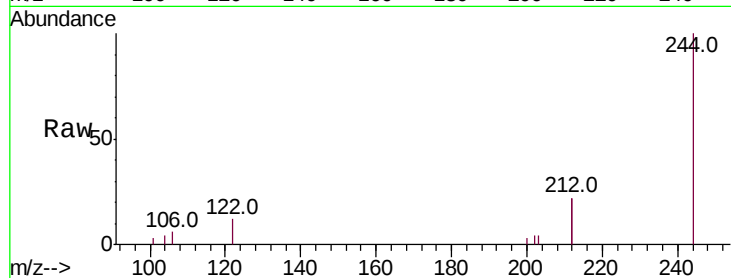




#29
 Terphenyl-d14
 Concen: 0.190 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097274.D
 Acq: 15 Aug 2018 11:08

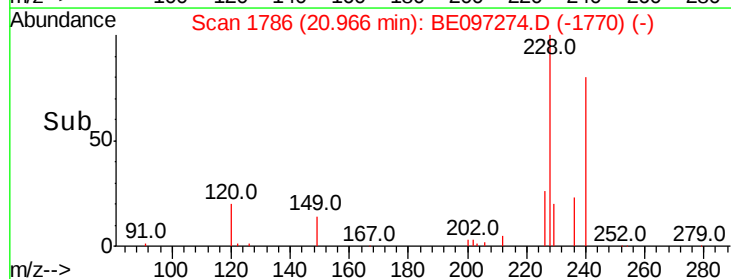
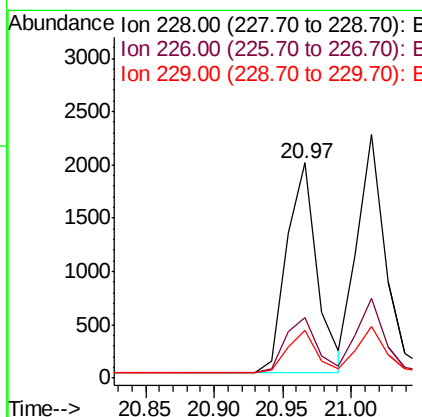
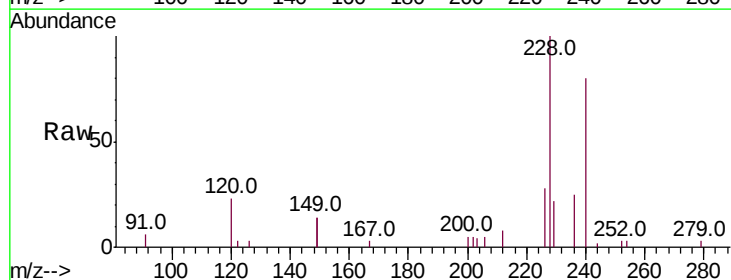
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

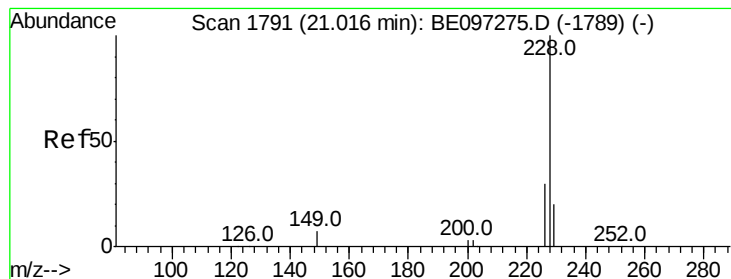
Tot Ion:244 Resp: 2237
 Ion Ratio Lower Upper
 244 100
 212 43.0 25.4 38.0#
 122 12.0 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.209 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BE097274.D
 Acq: 15 Aug 2018 11:08

Tgt Ion:228 Resp: 3028
 Ion Ratio Lower Upper
 228 100
 226 28.2 24.0 36.0
 229 22.0 16.0 24.0





#31

Chrysene

Concen: 0.198 ng

RT: 21.01 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

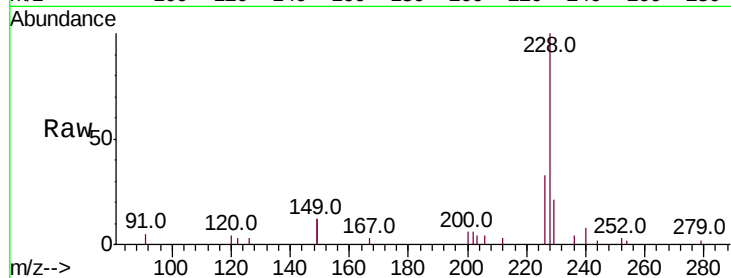
Tot Ion:228 Resp: 3224

Ion Ratio Lower Upper

228 100

226 32.7 24.0 36.0

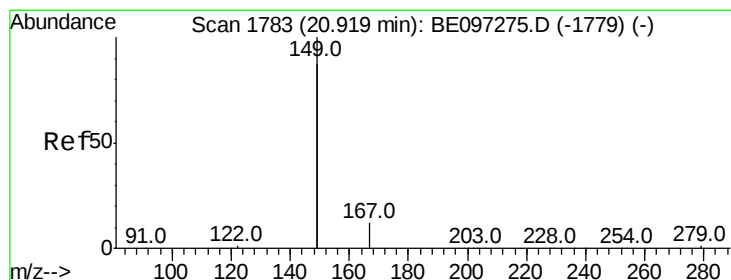
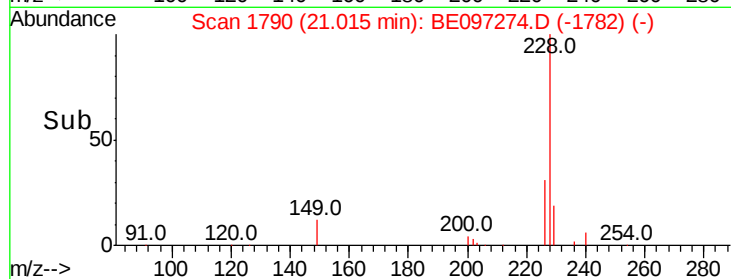
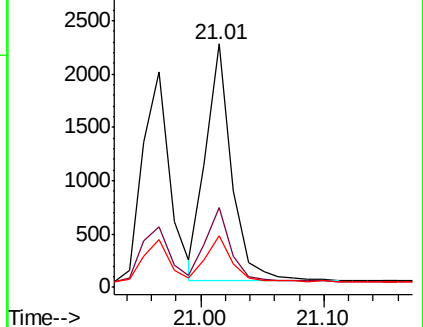
229 21.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.296 ng

RT: 20.92 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

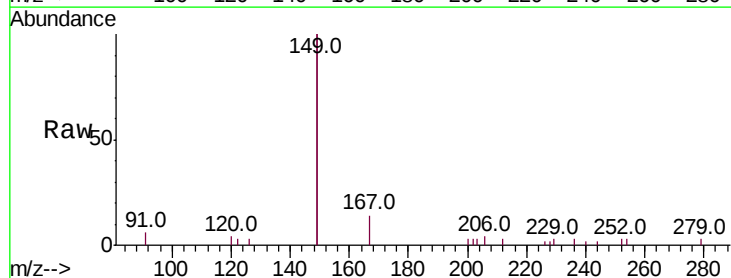
Tgt Ion:149 Resp: 4280

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

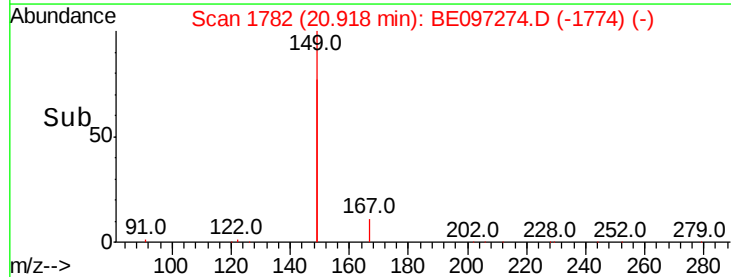
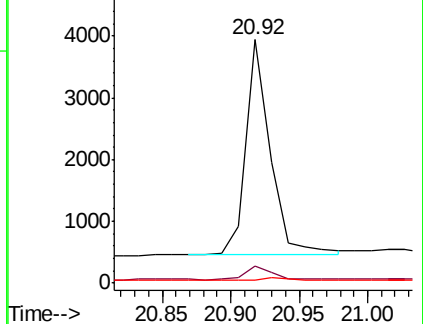
279 1.0 0.7 1.1

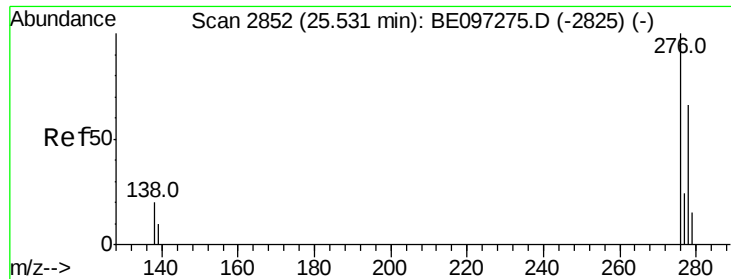


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

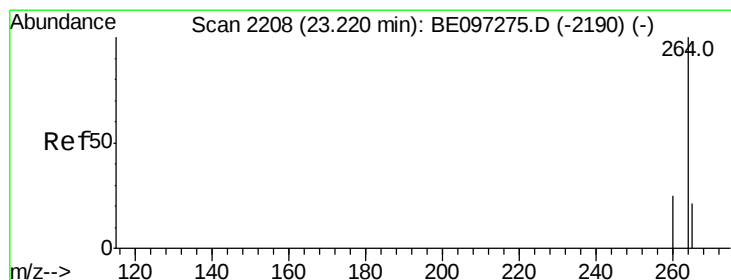
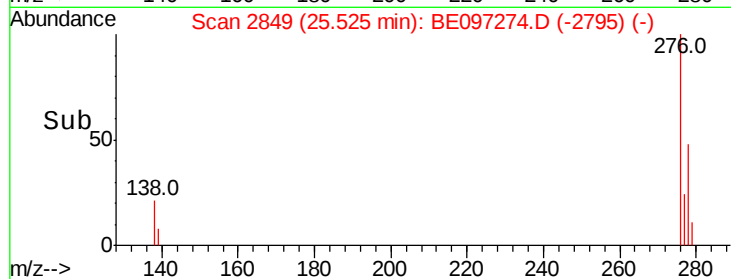
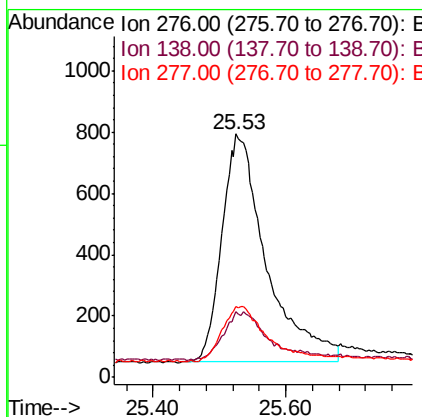
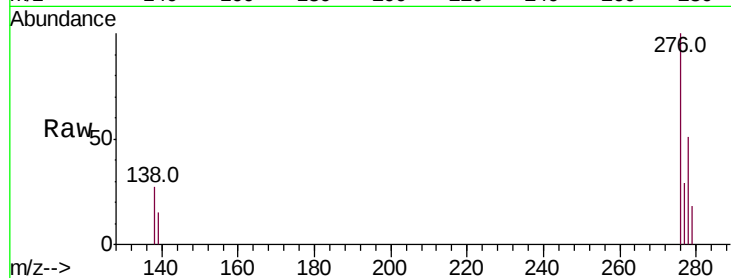




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.290 ng
 RT: 25.53 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BE097274.D
 Acq: 15 Aug 2018 11:08

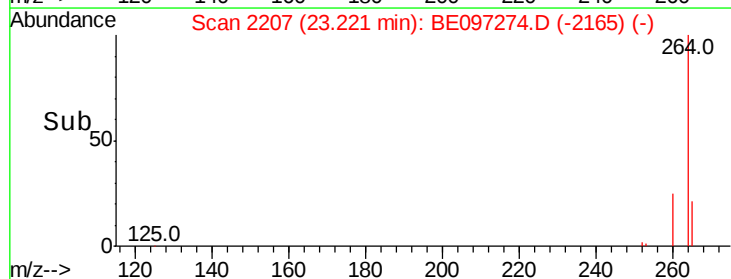
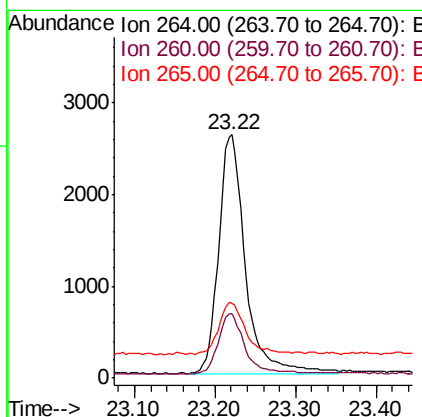
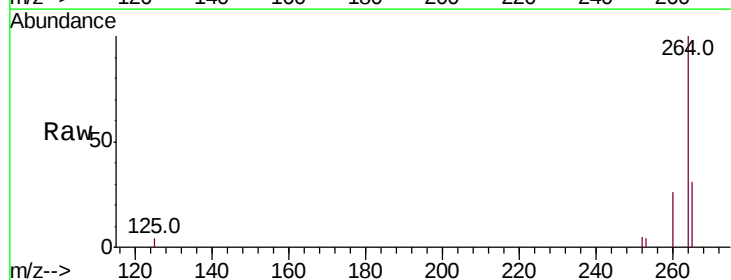
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

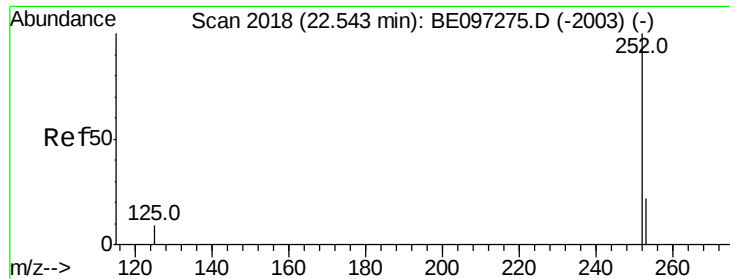
Tot Ion:276 Resp: 3440
 Ion Ratio Lower Upper
 276 100
 138 8.6 22.5 33.7#
 277 24.4 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE097274.D
 Acq: 15 Aug 2018 11:08

Tgt Ion:264 Resp: 5942
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.5 30.7
 265 30.6 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.187 ng

RT: 22.54 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

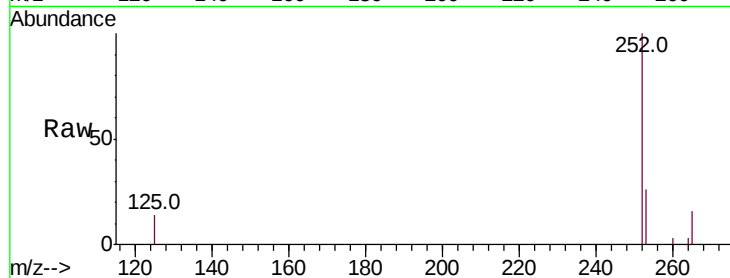
Tot Ion:252 Resp: 2842

Ion Ratio Lower Upper

252 100

253 26.1 20.0 30.0

125 14.2 16.0 24.0#

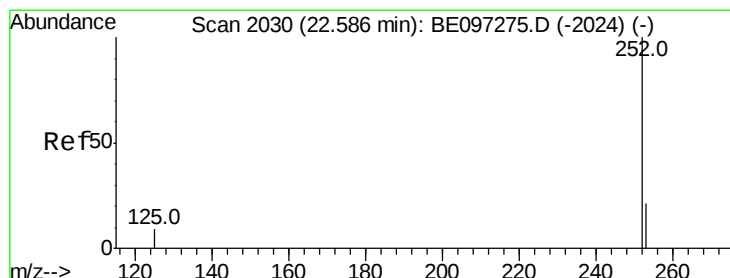
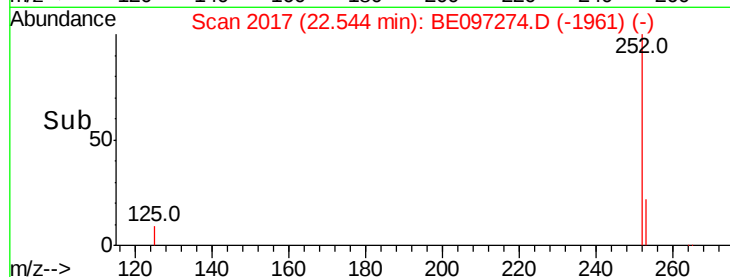
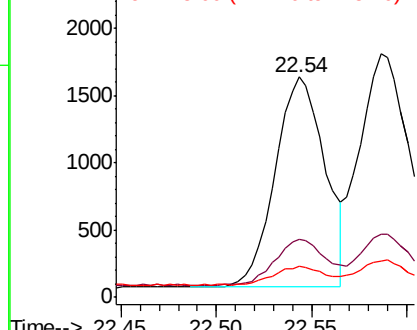


Abundance

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: 0.195 ng

RT: 22.59 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

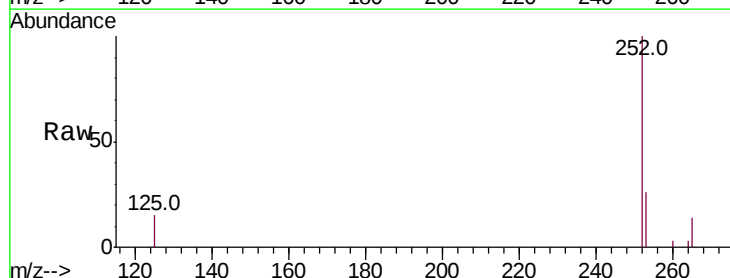
Tgt Ion:252 Resp: 3520

Ion Ratio Lower Upper

252 100

253 25.9 16.0 24.0#

125 14.9 8.0 12.0#

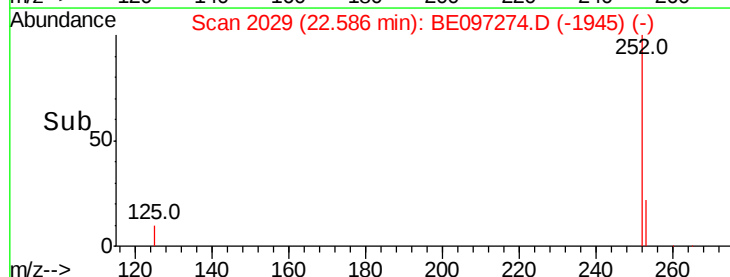
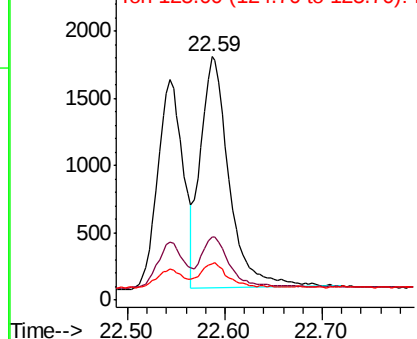


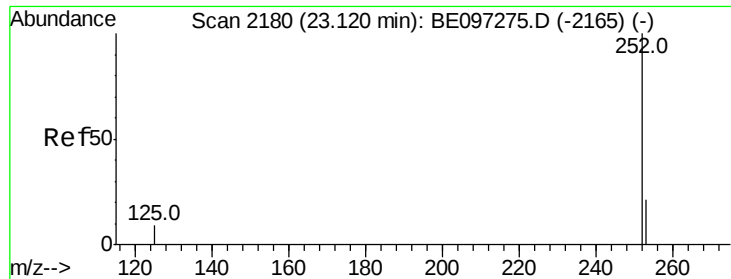
Abundance

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: 0.210 ng

RT: 23.12 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

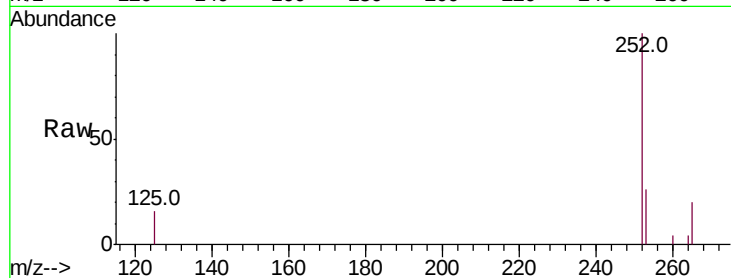
Tot Ion:252 Resp: 2849

Ion Ratio Lower Upper

252 100

253 26.4 16.0 24.0#

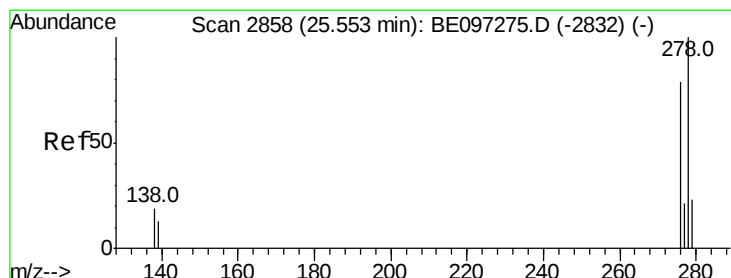
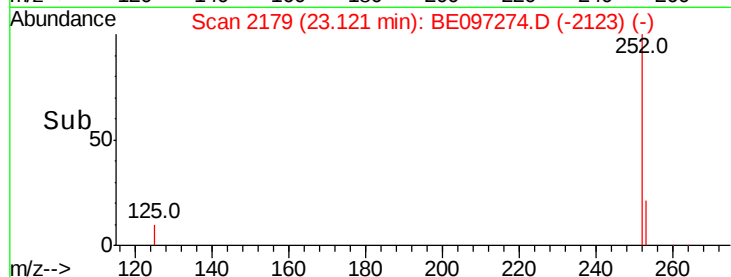
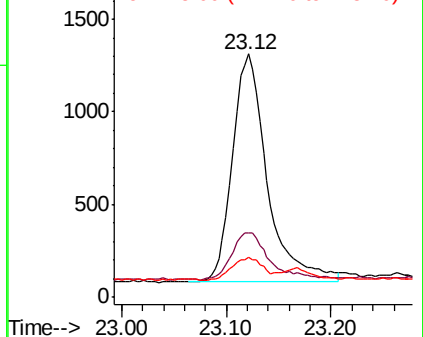
125 16.4 12.0 18.0



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: 0.254 ng

RT: 25.55 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

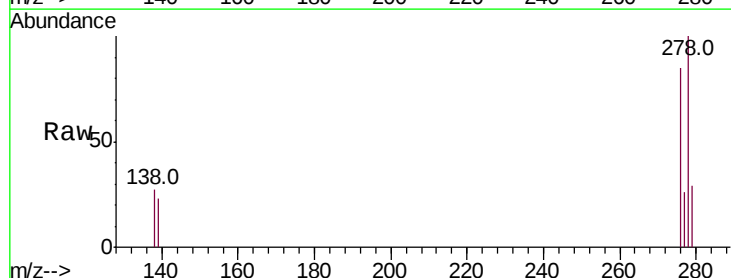
Tgt Ion:278 Resp: 2808

Ion Ratio Lower Upper

278 100

139 23.5 16.0 24.0

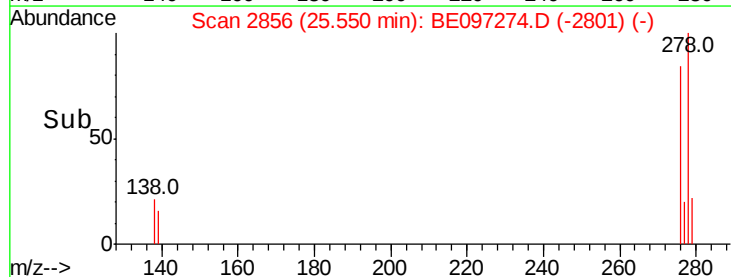
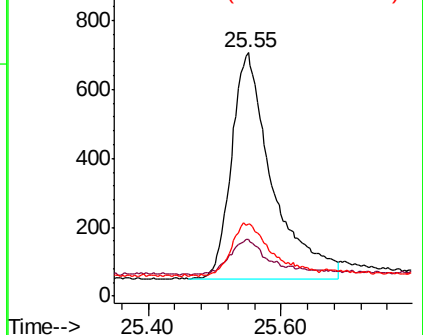
279 29.4 20.0 30.0

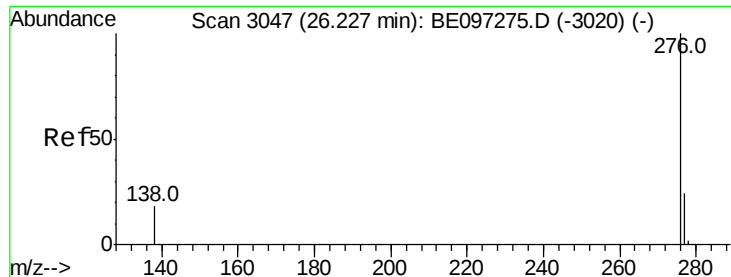


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.241 ng

RT: 26.22 min Scan# 3045

Delta R.T. -0.00 min

Lab File: BE097274.D

Acq: 15 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

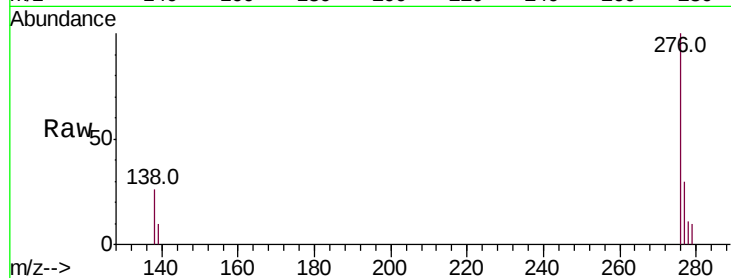
Tot Ion:276 Resp: 2976

Ion Ratio Lower Upper

276 100

277 30.5 16.0 24.0#

138 25.7 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

800

600

400

200

0

26.22

26.20

26.40

Time-->

