

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
 Data File : BE097691.D
 Acq On : 27 Sep 2018 12:27
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Sep 27 14:16:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 27 14:15:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	825	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3887	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	2166	0.40	ng	0.01
19) Phenanthrene-d10	16.75	188	5870	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7168	0.40	ng	0.00
34) Perylene-d12	23.21	264	7005	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	397	0.18	ng	0.00
5) Phenol-d6	6.65	99	304	0.10	ng	0.03
8) Nitrobenzene-d5	8.56	82	477	0.21	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	1249	0.22	ng	0.01
14) 2,4,6-Tribromophenol	15.53	330	162	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	2017	0.29	ng	0.01
25) Fluoranthene-d10	18.80	212	14259	0.22	ng	0.00
29) Terphenyl-d14	19.42	244	3305	0.23	ng	0.00

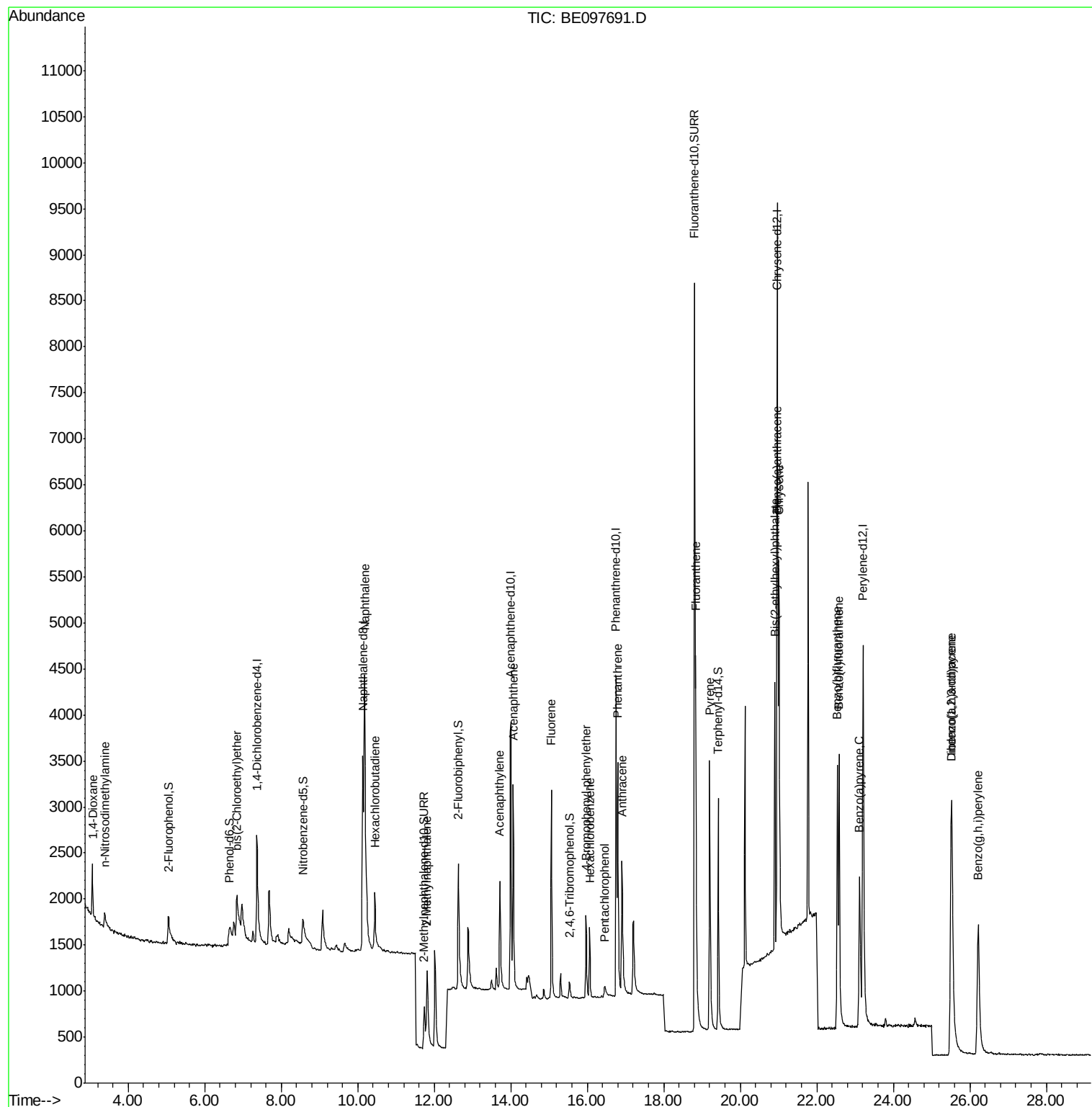
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	383	0.259	ng	# 89
3) n-Nitrosodimethylamine	3.38	42	193	0.222	ng	# 94
6) bis(2-Chloroethyl)ether	6.85	93	500	0.201	ng	76
9) Naphthalene	10.19	128	7992	0.226	ng	# 97
10) Hexachlorobutadiene	10.45	225	376	0.234	ng	98
12) 2-Methylnaphthalene	11.81	142	1159	0.207	ng	97
16) Acenaphthylene	13.71	152	1774	0.204	ng	98
17) Acenaphthene	14.06	154	1265	0.222	ng	96
18) Fluorene	15.06	166	1627	0.203	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	570	0.219	ng	# 73
21) Hexachlorobenzene	16.07	284	669	0.223	ng	# 84
22) Pentachlorophenol	16.46	266	136	0.190	ng	95
23) Phenanthrene	16.80	178	3052	0.220	ng	98
24) Anthracene	16.91	178	2326	0.202	ng	97
26) Fluoranthene	18.84	202	3714	0.223	ng	99
28) Pyrene	19.20	202	3878	0.207	ng	99
30) Benzo(a)anthracene	20.95	228	3170	0.187	ng	97
31) Chrysene	21.00	228	4975	0.251	ng	97
32) Bis(2-ethylhexyl)phthalate	20.91	149	4332	0.224	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.51	276	5071	0.243	ng	# 91
35) Benzo(b)fluoranthene	22.54	252	3975	0.222	ng	# 92
36) Benzo(k)fluoranthene	22.58	252	4622	0.218	ng	# 91
37) Benzo(a)pyrene	23.11	252	3842	0.217	ng	# 88
38) Dibenzo(a,h)anthracene	25.53	278	4142	0.223	ng	94
39) Benzo(g,h,i)perylene	26.22	276	4260	0.230	ng	# 90

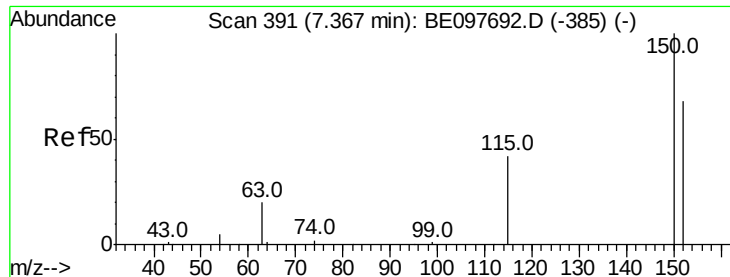
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE097691.D
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Quant Time: Sep 27 14:16:27 2018
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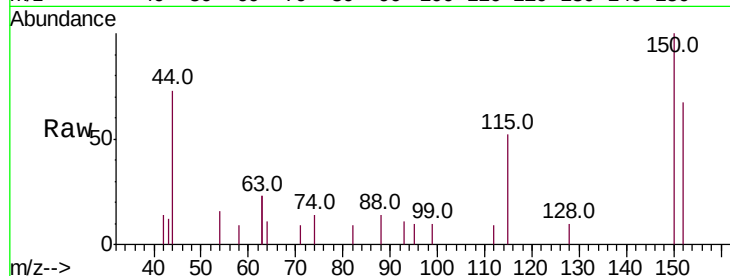


#1

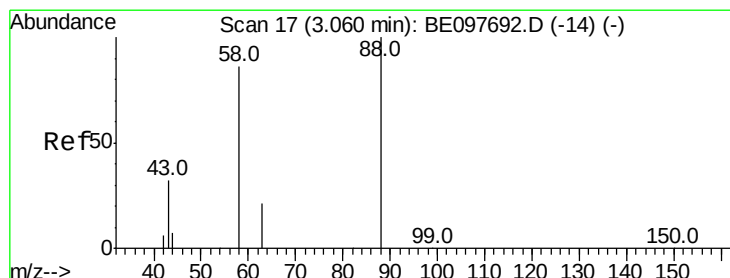
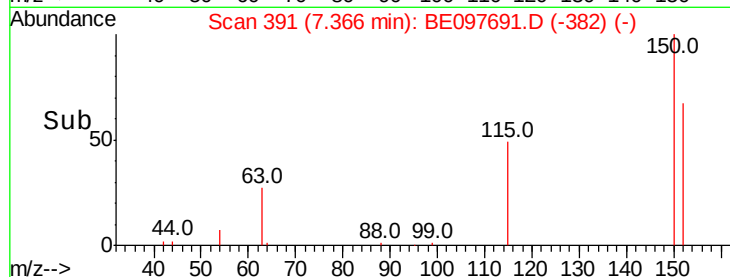
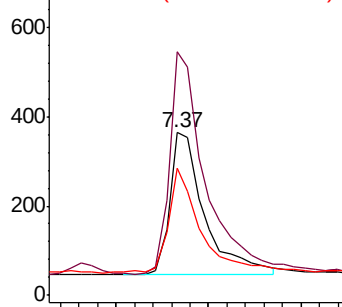
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 825
Ion Ratio Lower Upper
152 100
150 149.5 117.2 175.8
115 77.7 57.0 85.6



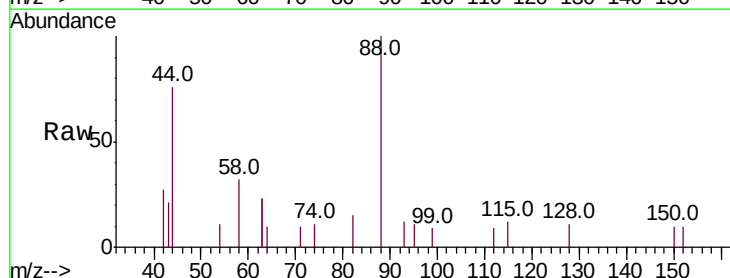
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



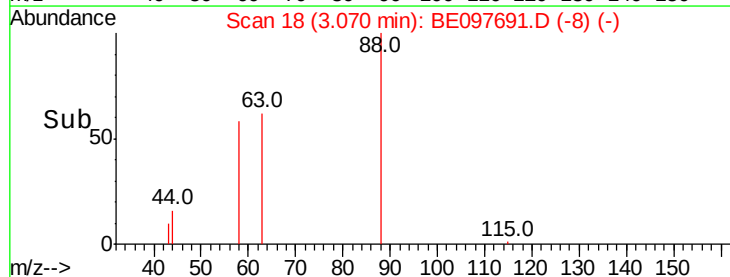
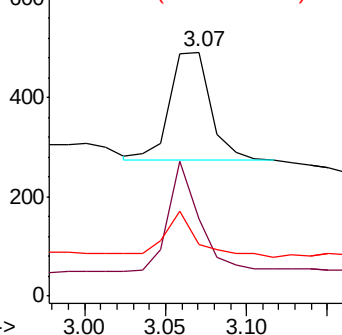
#2

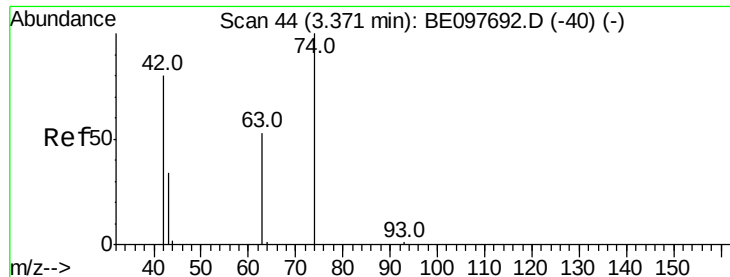
1,4-Dioxane
Concen: 0.259 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion: 88 Resp: 383
Ion Ratio Lower Upper
88 100
58 77.3 63.2 94.8
43 34.2 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: 0.222 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

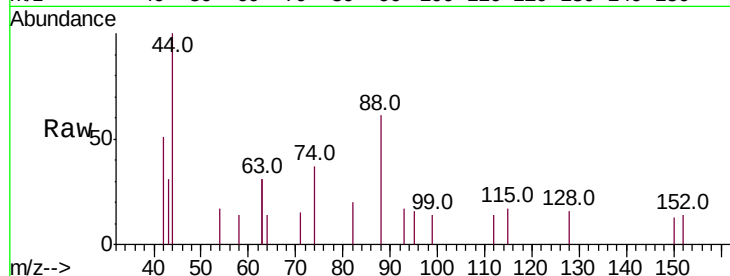
Tot Ion: 42 Resp: 193

Ion Ratio Lower Upper

42 100

74 114.5 96.0 144.0

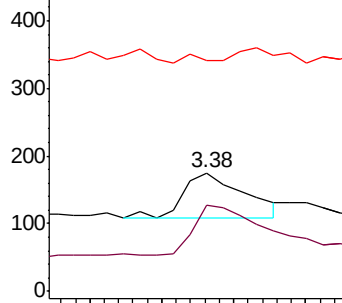
44 7.3 12.0 18.0#



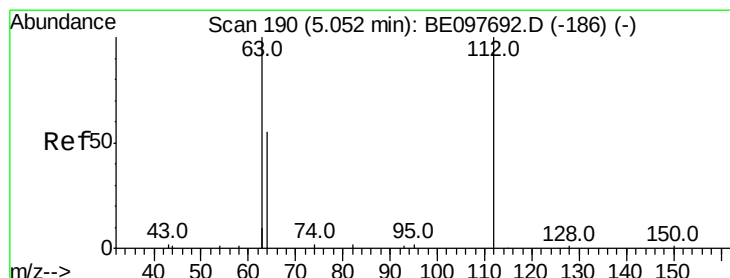
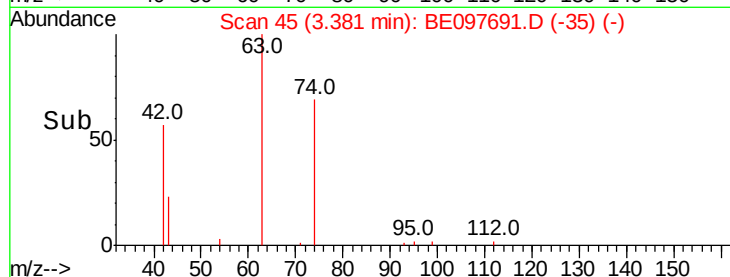
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.183 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

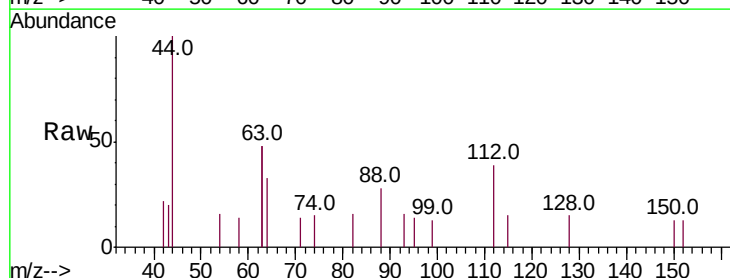
Tgt Ion: 112 Resp: 397

Ion Ratio Lower Upper

112 100

64 66.8 60.1 90.1

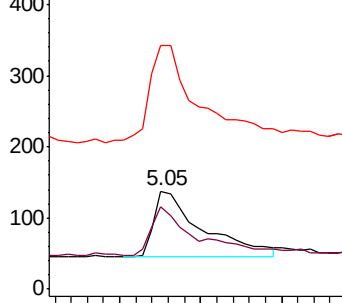
63 151.1 116.8 175.2



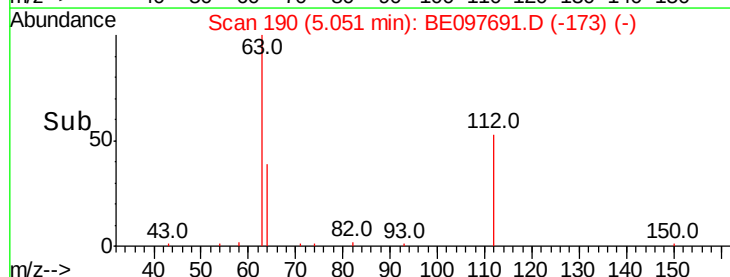
Abundance Ion 112.00 (111.70 to 112.70): E

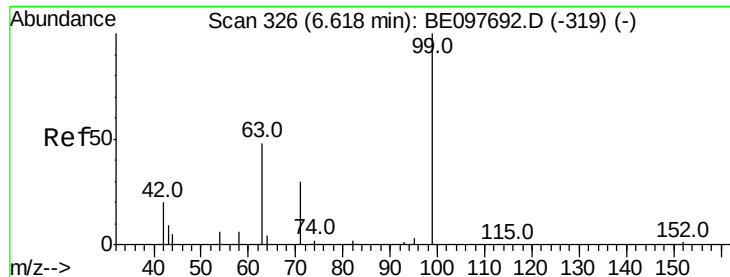
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.099 ng

RT: 6.65 min Scan# 329

Delta R.T. 0.03 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

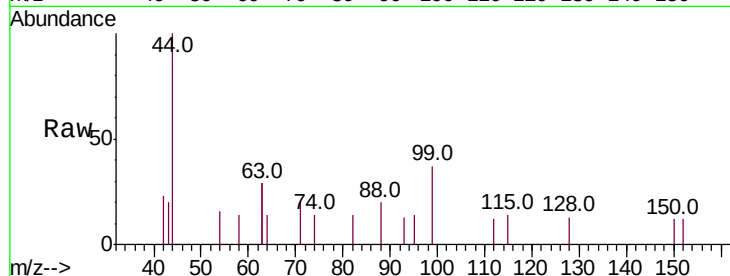
Tot Ion: 99 Resp: 304

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

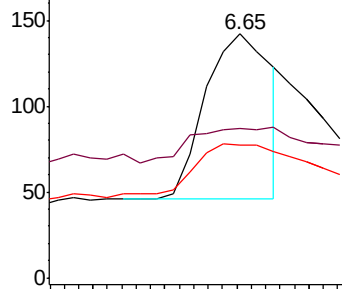
71 38.5 28.4 42.6



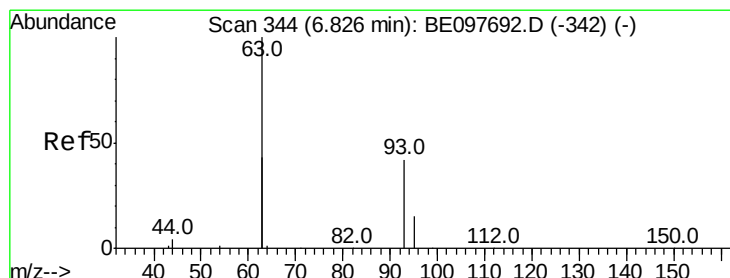
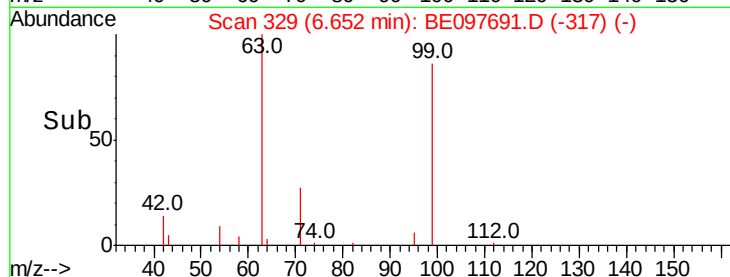
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.201 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.02 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

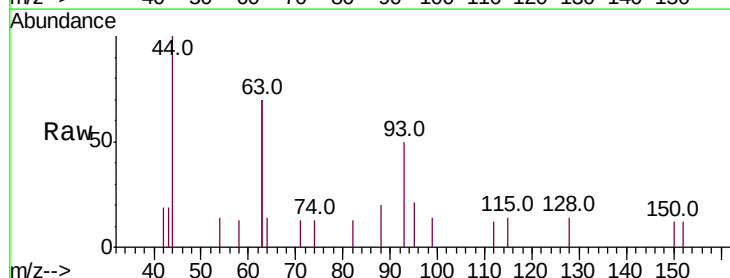
Tgt Ion: 93 Resp: 500

Ion Ratio Lower Upper

93 100

63 288.8 275.3 412.9

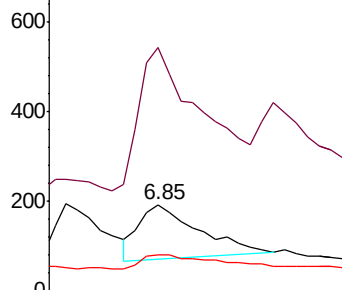
95 35.2 25.2 37.8



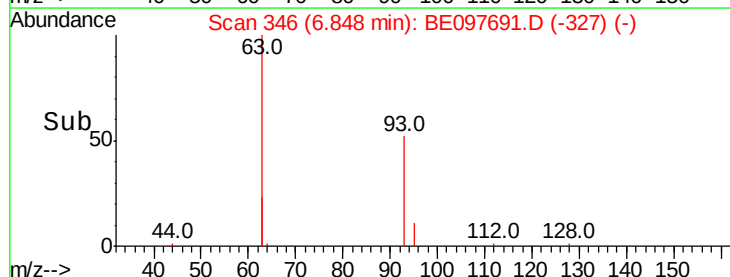
Abundance Ion 93.00 (92.70 to 93.70): BE0

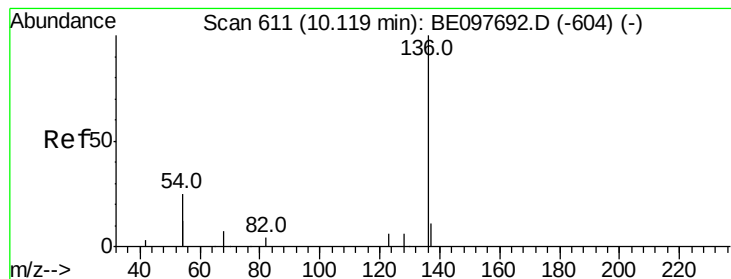
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 3887

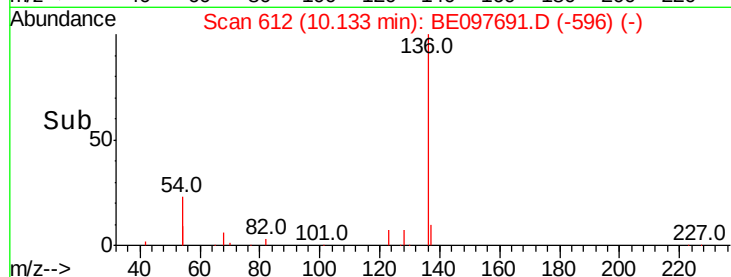
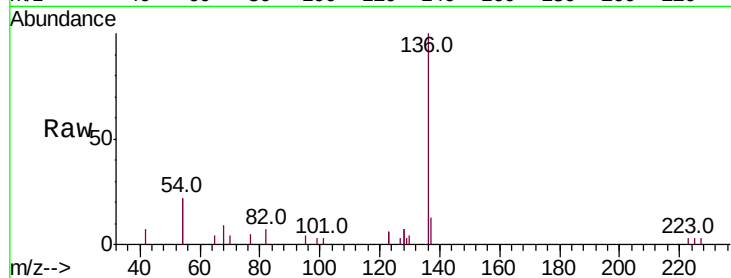
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 44.9 29.1 43.7#

68 9.2 6.2 9.2#

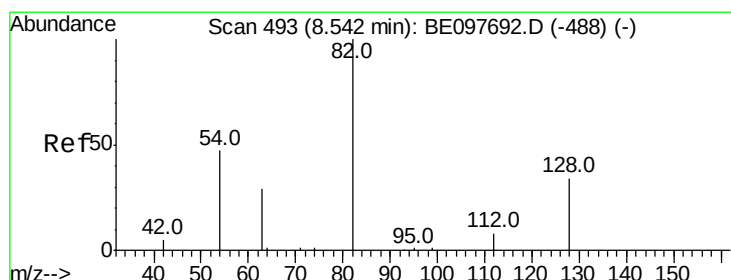
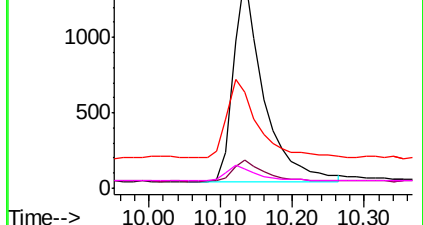


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.212 ng

RT: 8.56 min Scan# 495

Delta R.T. 0.02 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

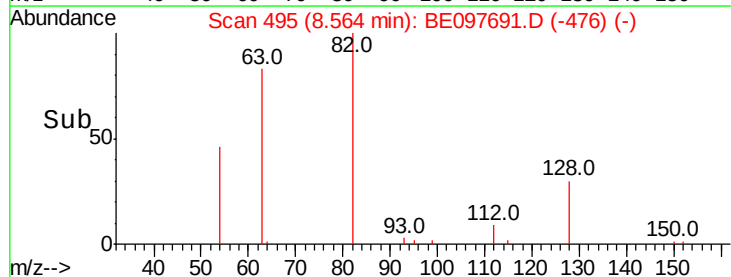
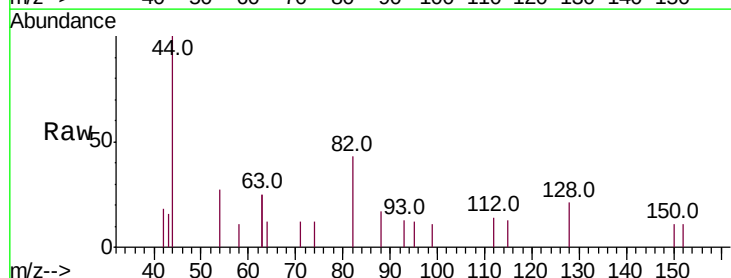
Tgt Ion: 82 Resp: 477

Ion Ratio Lower Upper

82 100

128 49.7 24.0 36.0#

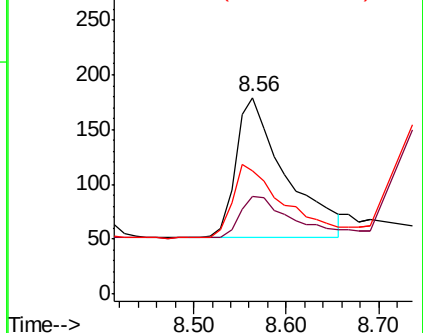
54 62.6 40.0 60.0#

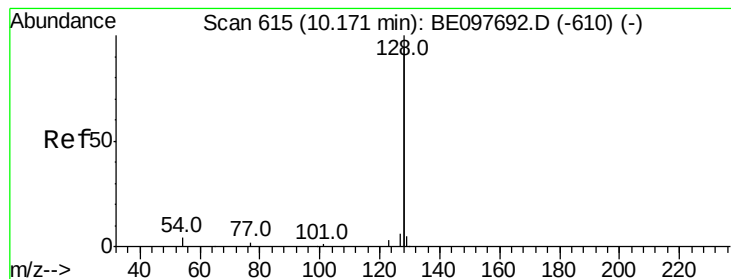


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.226 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

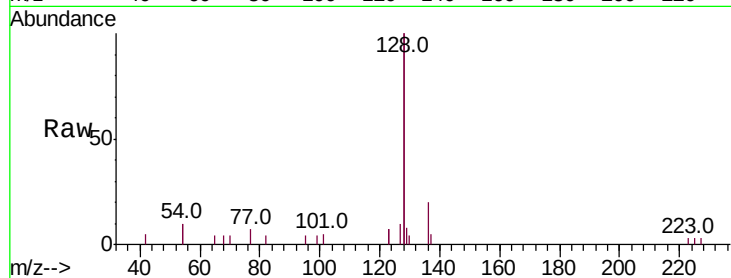
Tot Ion:128 Resp: 7992

Ion Ratio Lower Upper

128 100

129 4.1 2.6 3.8#

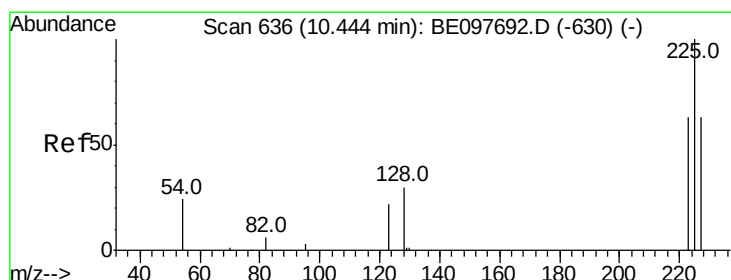
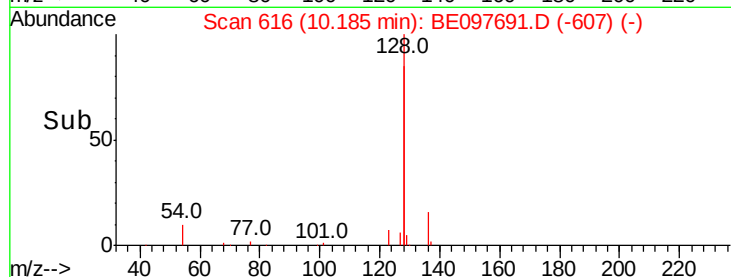
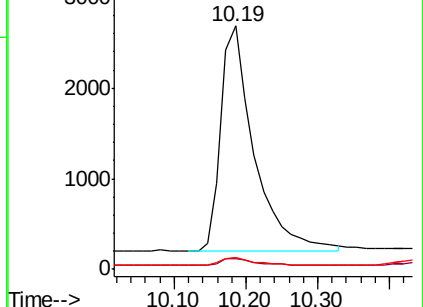
127 4.8 2.8 4.2#



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: 0.234 ng

RT: 10.45 min Scan# 636

Delta R.T. 0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

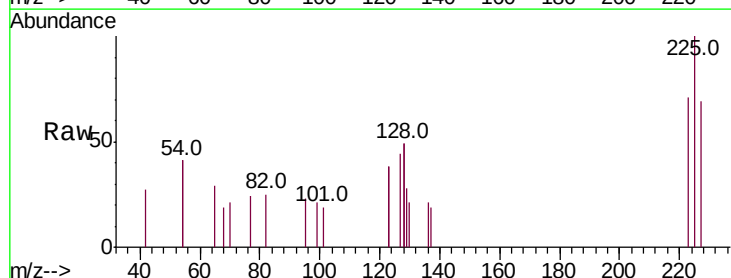
Tgt Ion:225 Resp: 376

Ion Ratio Lower Upper

225 100

223 64.4 53.0 79.6

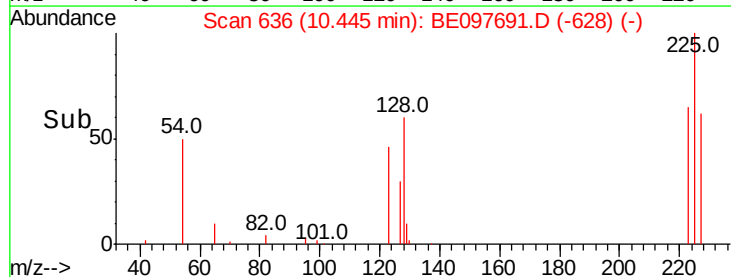
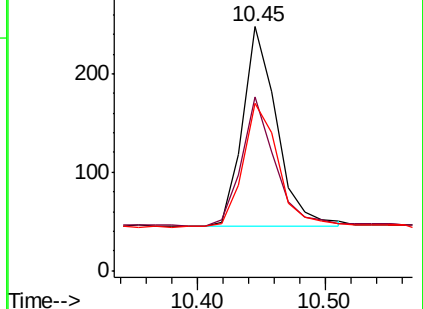
227 65.4 51.4 77.2

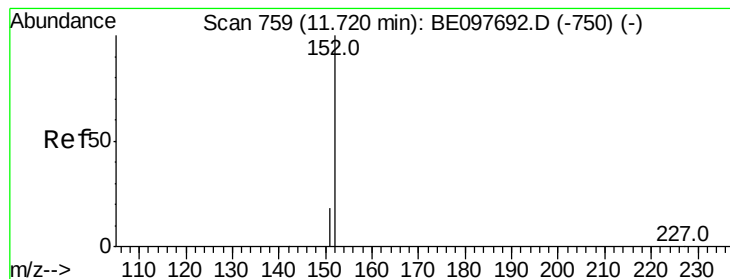


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.217 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

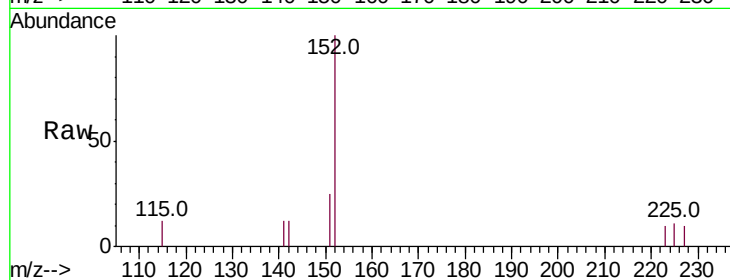
SSTDICC0.2

Tot Ion:152 Resp: 1249

Ion Ratio Lower Upper

152 100

151 18.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

400

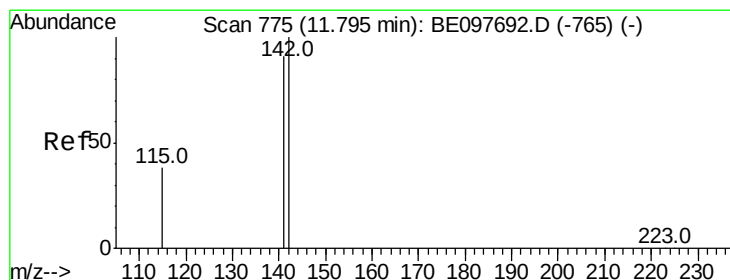
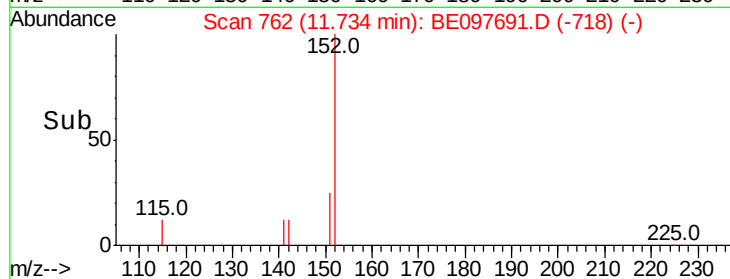
300

200

100

0

Time--> 11.60 11.80



#12

2-Methylnaphthalene

Concen: 0.207 ng

RT: 11.81 min Scan# 778

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

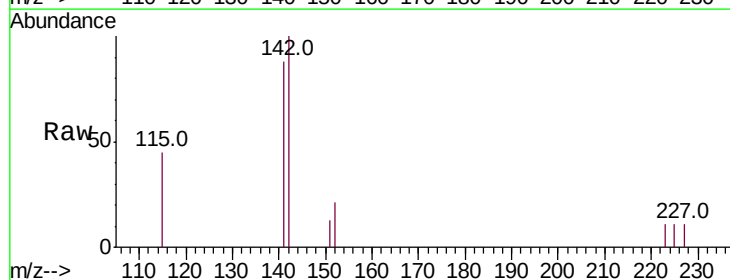
Tgt Ion:142 Resp: 1159

Ion Ratio Lower Upper

142 100

141 87.7 70.4 105.6

115 45.1 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

500

400

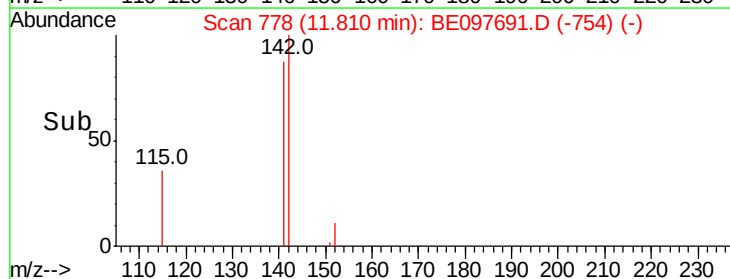
300

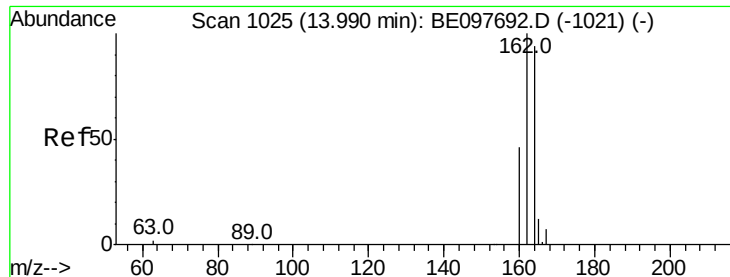
200

100

0

Time--> 11.70 11.80 11.90

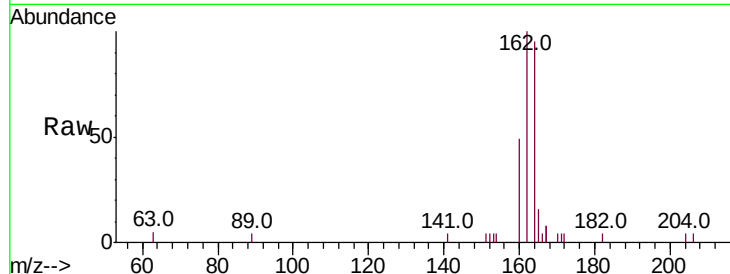




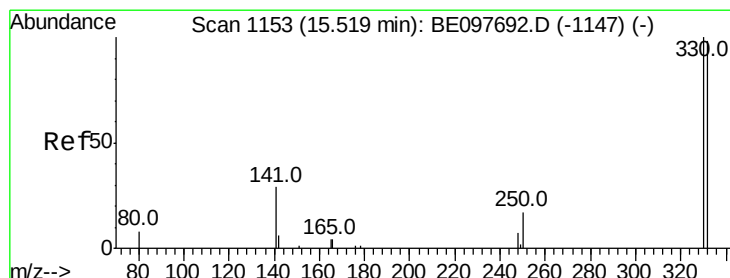
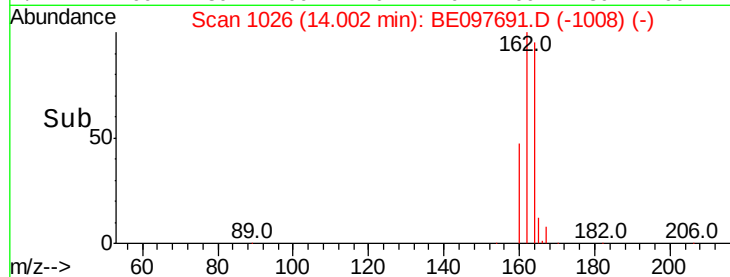
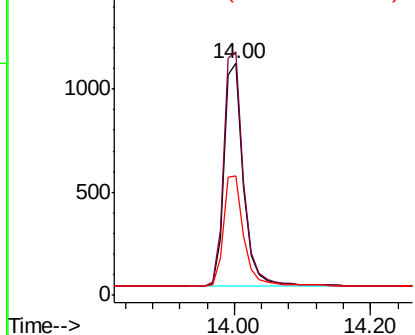
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:164 Resp: 2166
Ion Ratio Lower Upper
164 100
162 105.0 83.1 124.7
160 51.6 37.1 55.7

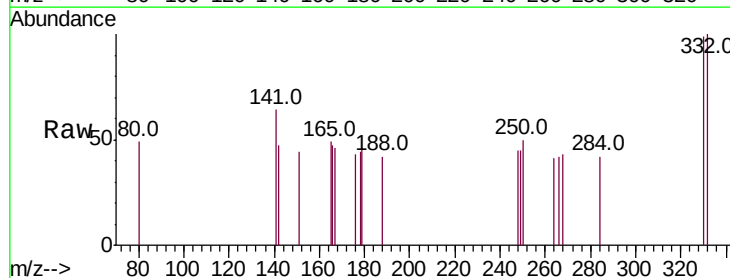


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

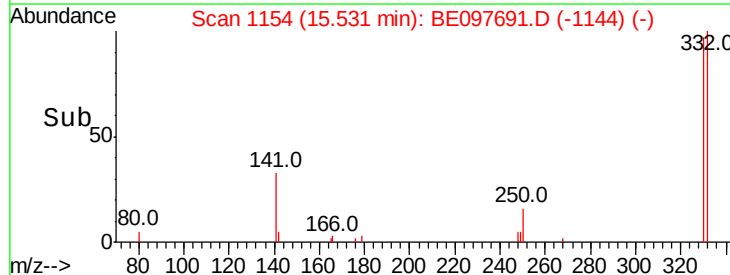
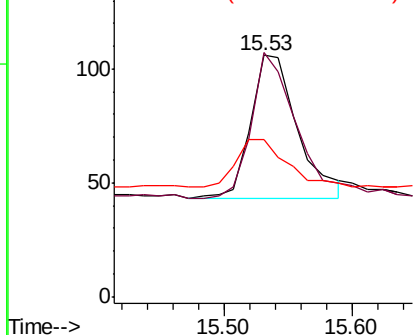


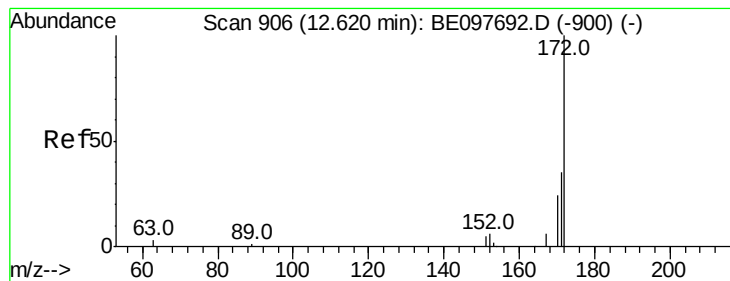
#14
2,4,6-Tribromophenol
Concen: 0.193 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:330 Resp: 162
Ion Ratio Lower Upper
330 100
332 96.3 152.7 229.1#
141 35.8 33.7 50.5



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.285 ng

RT: 12.63 min Scan# 907

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampled :

SSTDIC0.2

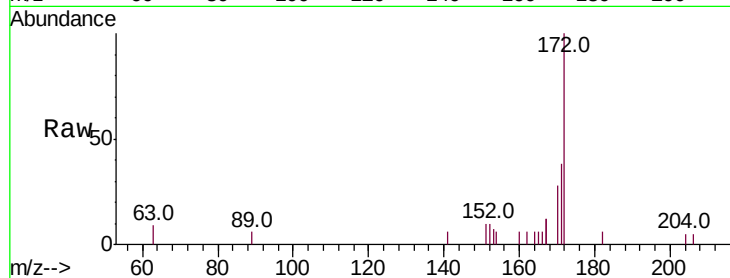
Tot Ion:172 Resp: 2017

Ion Ratio Lower Upper

172 100

171 38.2 29.9 44.9

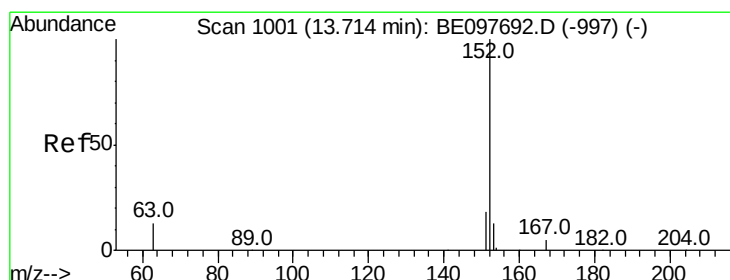
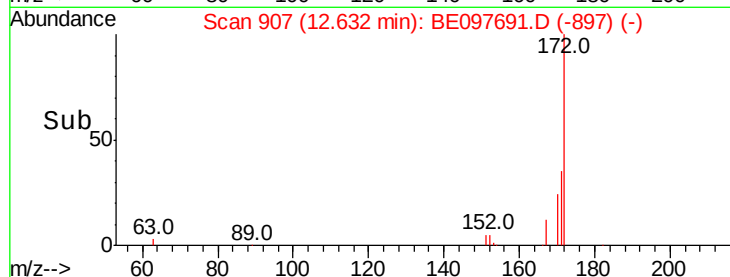
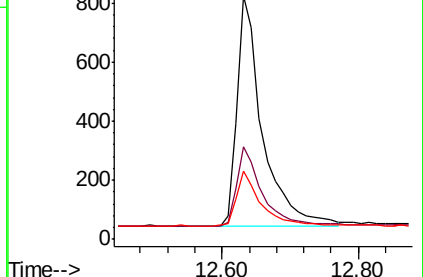
170 28.2 21.8 32.8



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: 0.204 ng

RT: 13.71 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

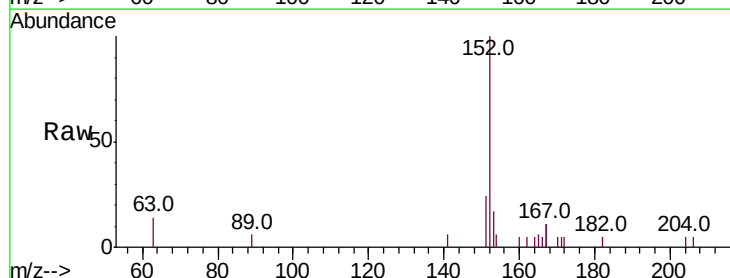
Tgt Ion:152 Resp: 1774

Ion Ratio Lower Upper

152 100

151 20.8 15.7 23.5

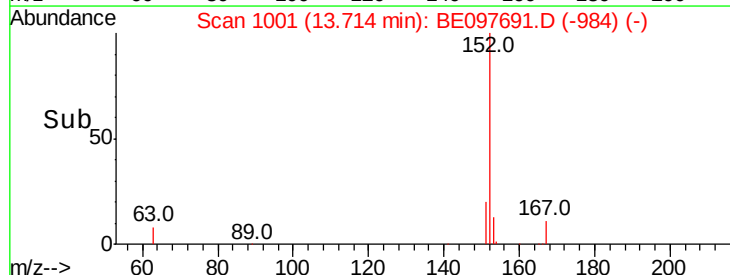
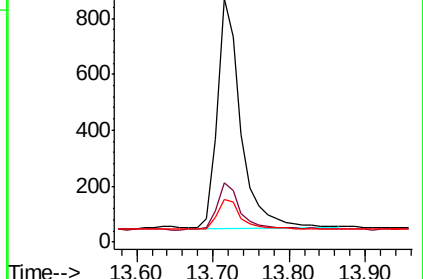
153 13.2 10.5 15.7

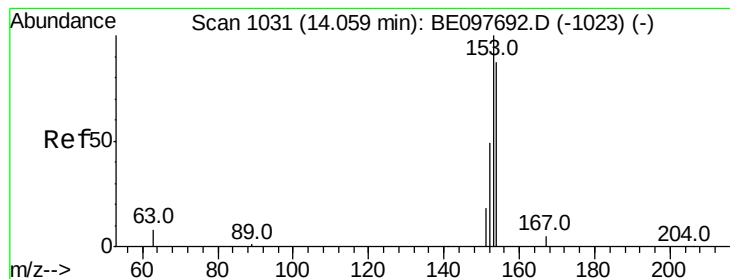


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.222 ng

RT: 14.06 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

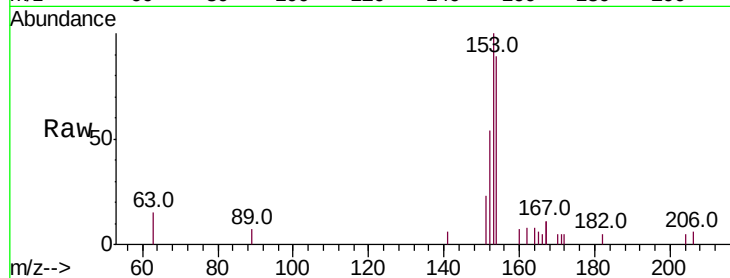
Tot Ion:154 Resp: 1265

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

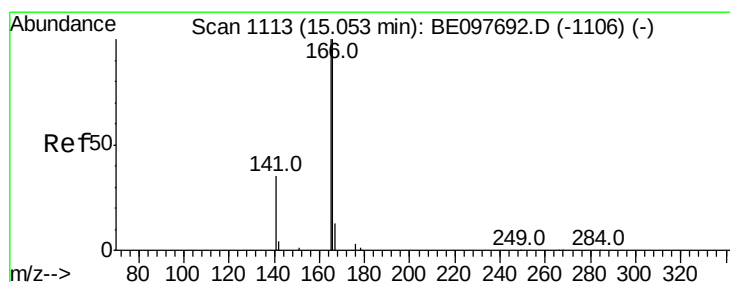
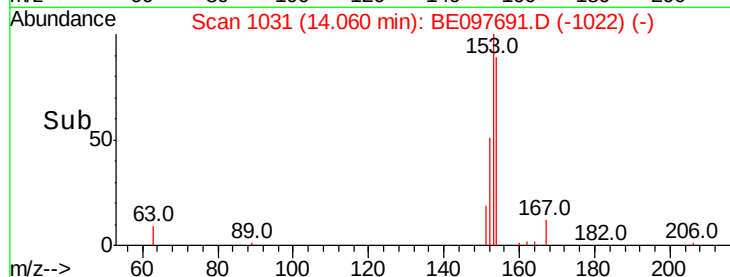
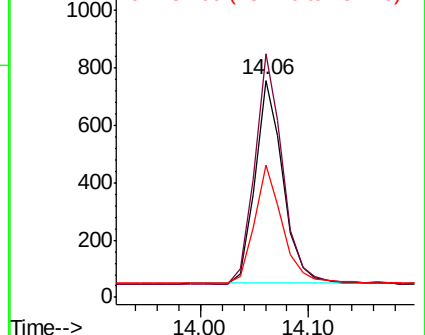
152 58.7 42.0 63.0



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: 15.06 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

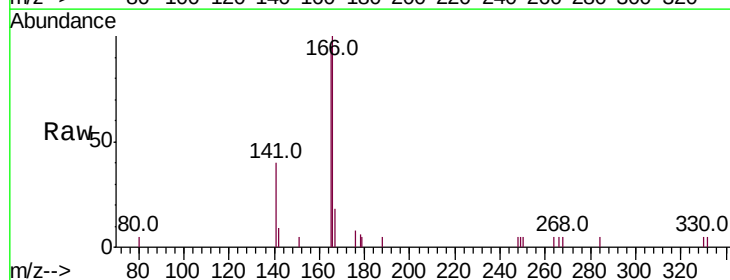
Tgt Ion:166 Resp: 1627

Ion Ratio Lower Upper

166 100

165 96.4 77.8 116.6

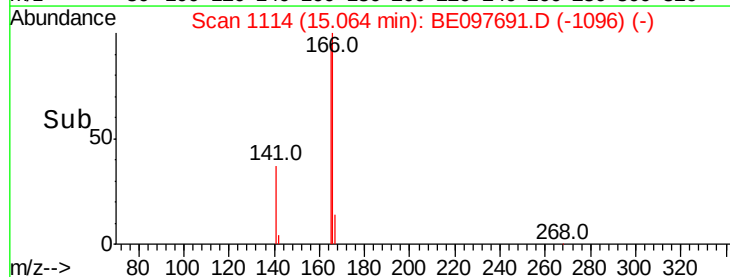
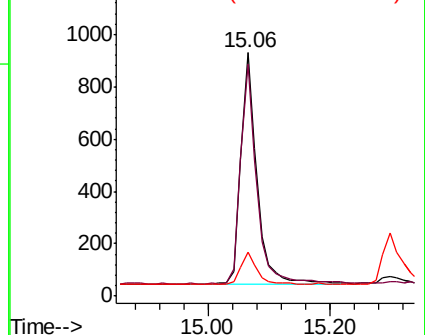
167 14.1 42.4 63.6#

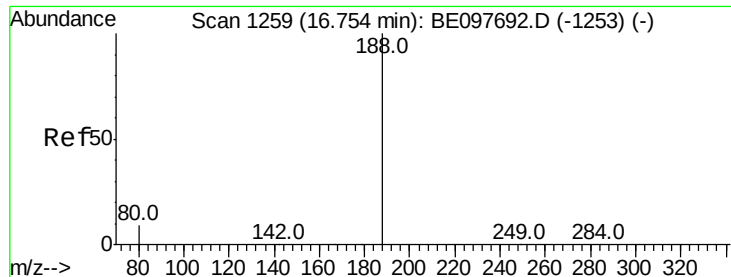


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.75 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

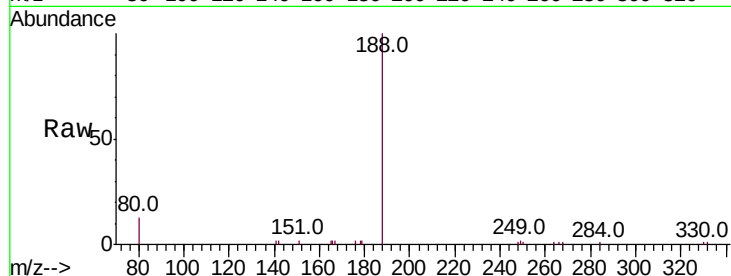
Tot Ion:188 Resp: 5870

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.9 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

16.75

3000

2000

1000

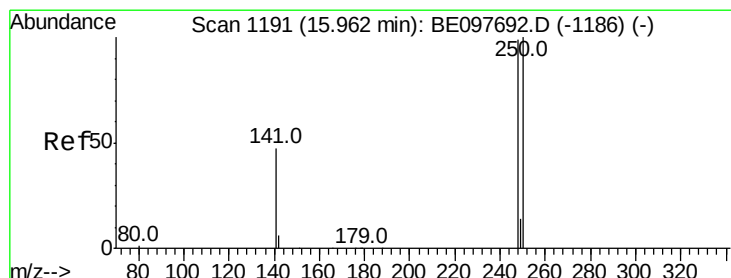
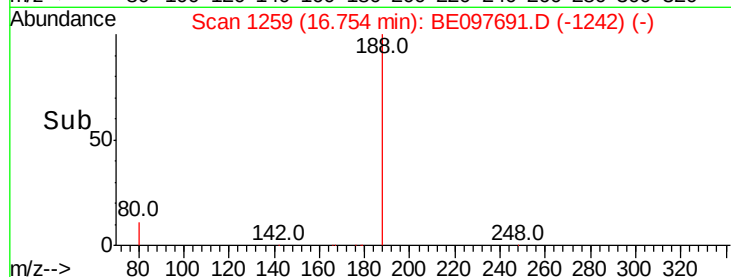
0

Time-->

16.60

16.80

17.00



#20

4-Bromophenyl-phenylether

Concen: 0.219 ng

RT: 15.96 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

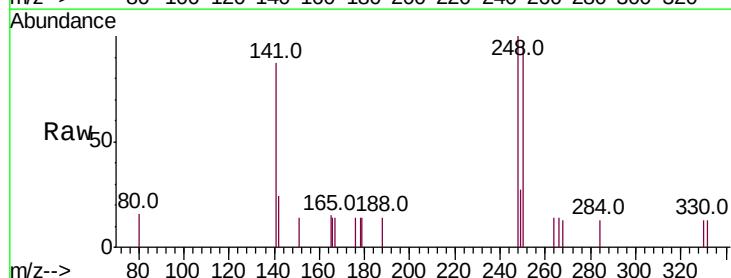
Tgt Ion:248 Resp: 570

Ion Ratio Lower Upper

248 100

250 95.2 62.7 94.1#

141 87.5 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

15.96

400

300

200

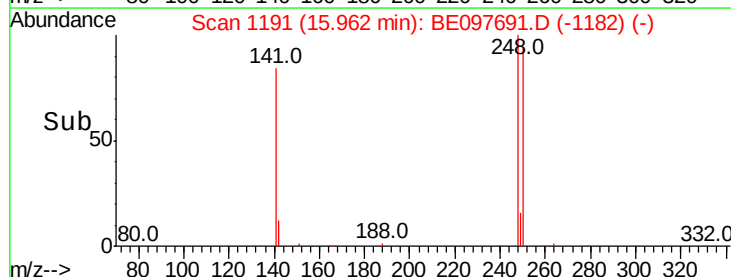
100

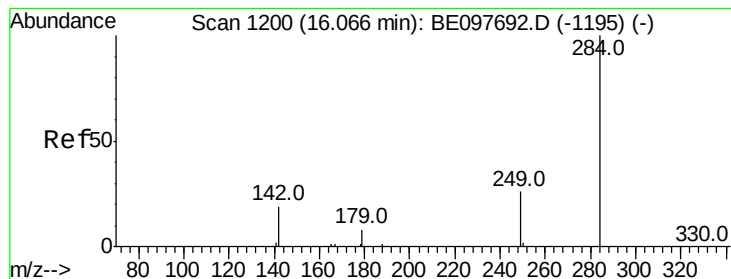
0

Time-->

15.90

16.00





#21

Hexachlorobenzene

Concen: 0.223 ng

RT: 16.07 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

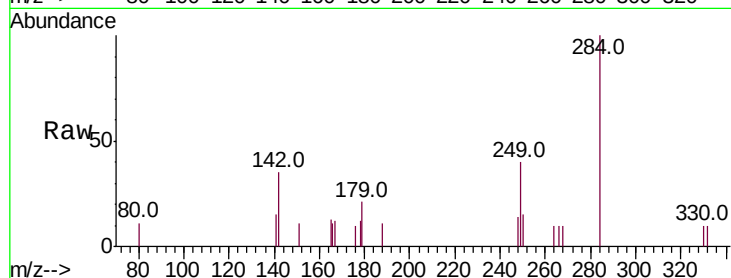
Tot Ion:284 Resp: 669

Ion Ratio Lower Upper

284 100

142 33.0 22.1 33.1

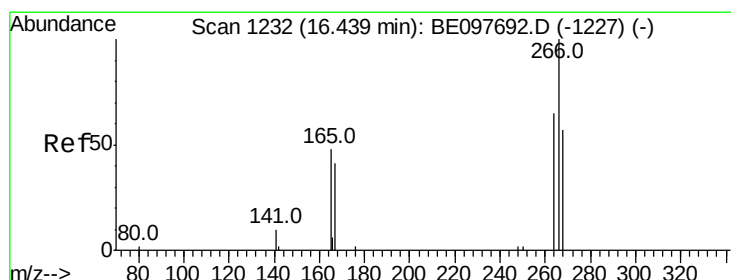
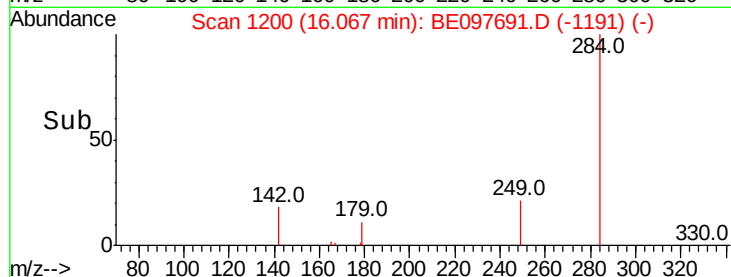
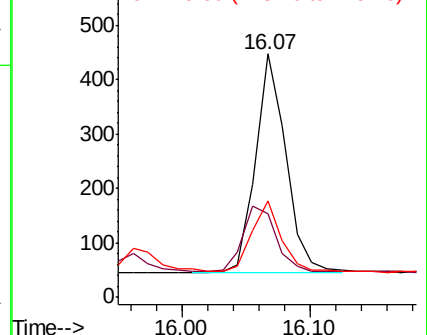
249 30.8 34.8 52.2#



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: 0.190 ng

RT: 16.46 min Scan# 1234

Delta R.T. 0.02 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

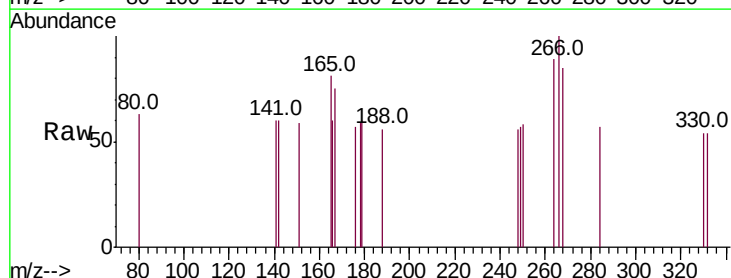
Tgt Ion:266 Resp: 136

Ion Ratio Lower Upper

266 100

264 88.9 72.5 108.7

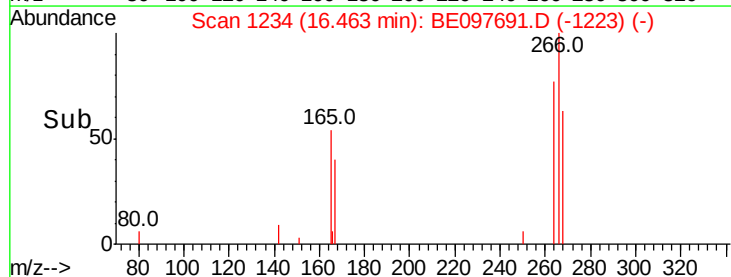
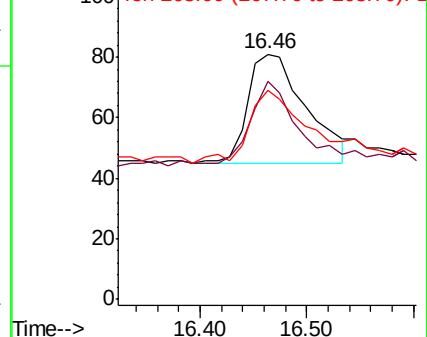
268 85.2 73.8 110.6

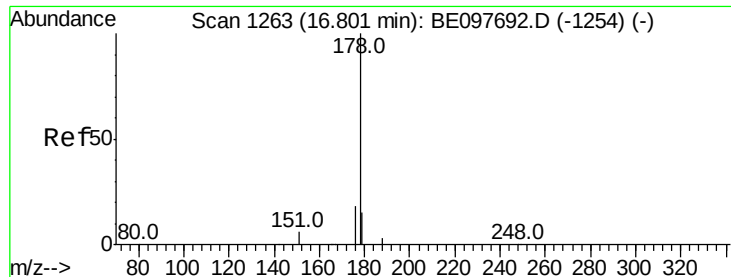


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.220 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

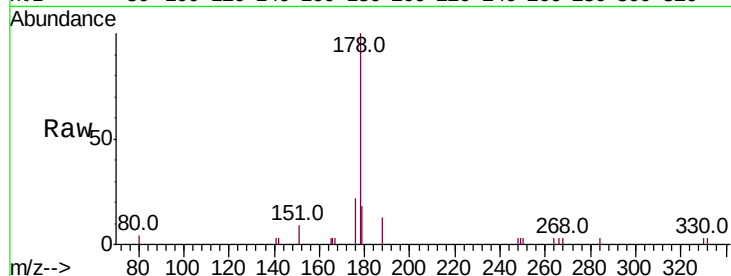
Tot Ion:178 Resp: 3052

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

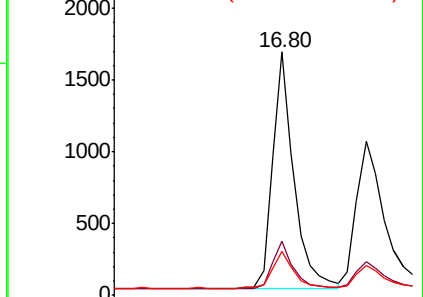
179 15.9 11.8 17.6



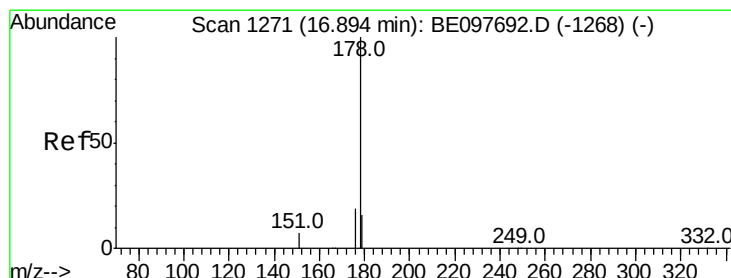
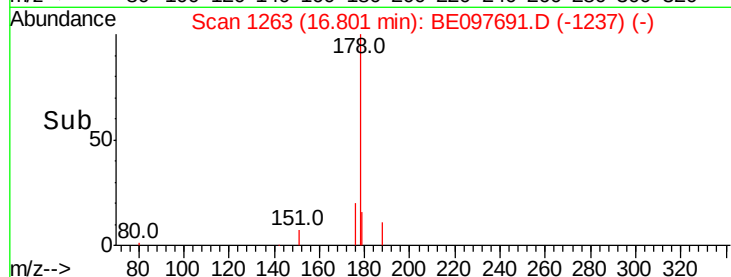
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.202 ng

RT: 16.91 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

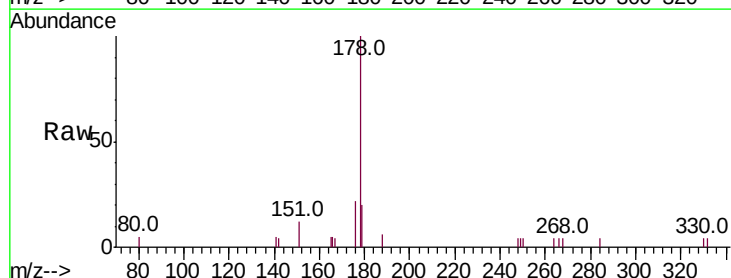
Tgt Ion:178 Resp: 2326

Ion Ratio Lower Upper

178 100

176 17.8 12.8 19.2

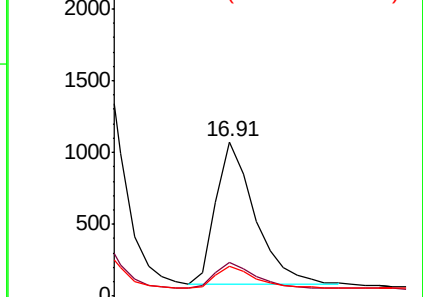
179 15.1 13.0 19.6



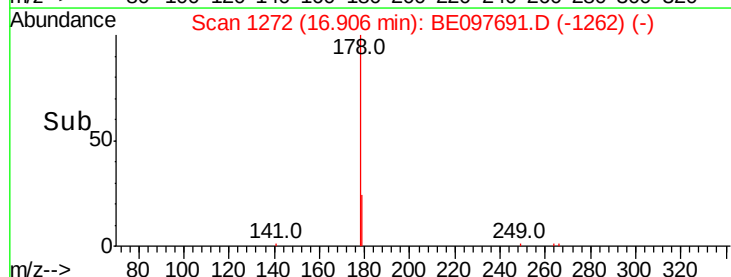
Abundance Ion 178.00 (177.70 to 178.70): E

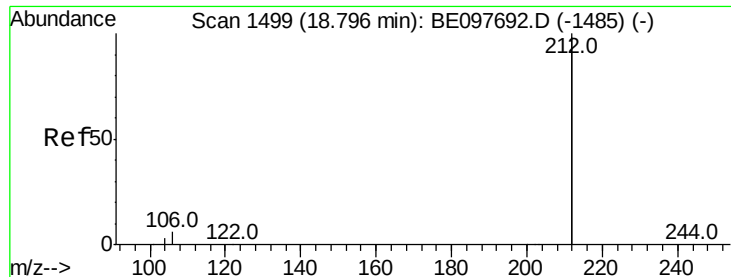
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.223 ng

RT: 18.80 min Scan# 1500

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

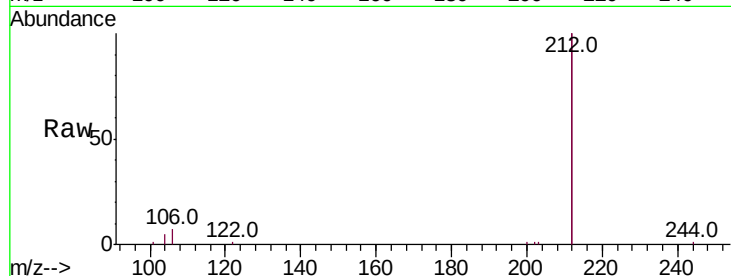
Tot Ion:212 Resp: 14259

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

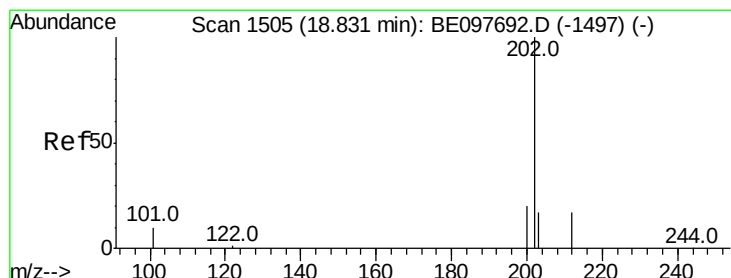
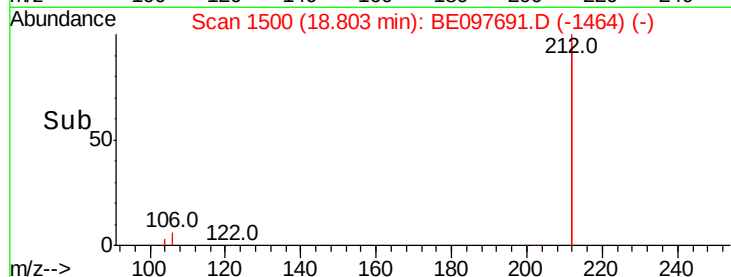
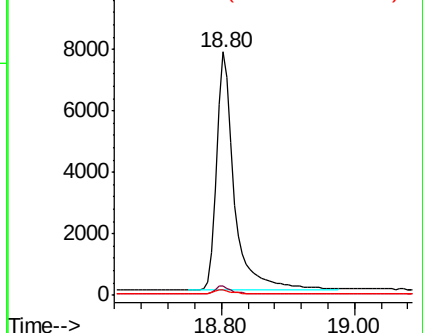
104 1.8 1.6 2.4



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: 0.223 ng

RT: 18.84 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

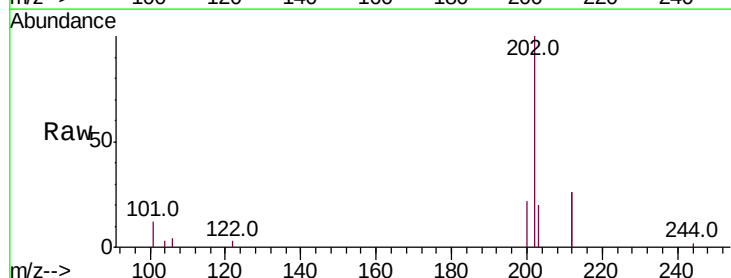
Tgt Ion:202 Resp: 3714

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

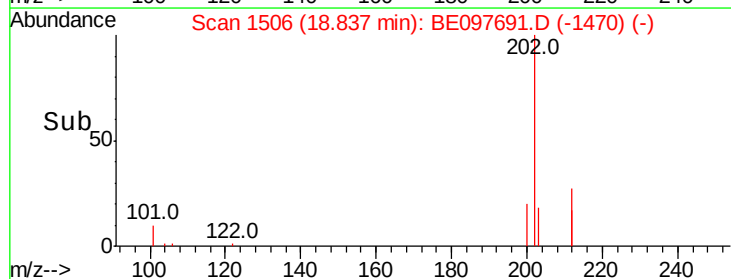
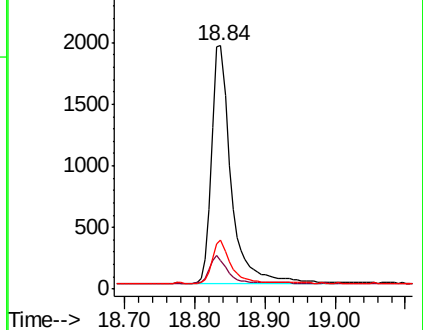
203 17.2 13.7 20.5

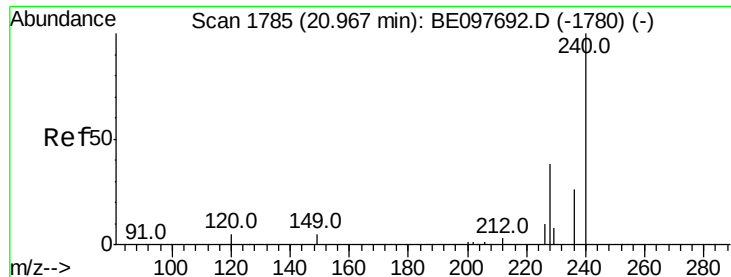


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.97 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

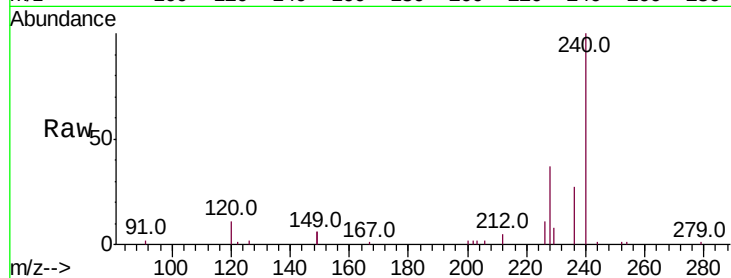
Tot Ion:240 Resp: 7168

Ion Ratio Lower Upper

240 100

120 10.6 5.5 8.3#

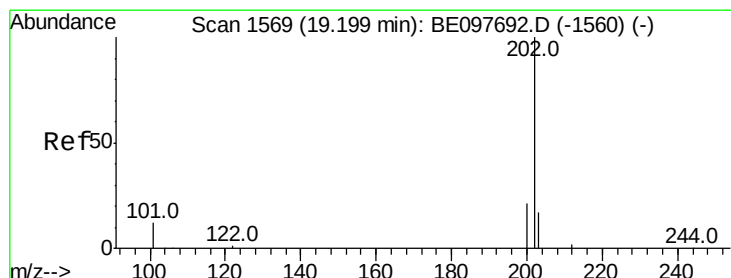
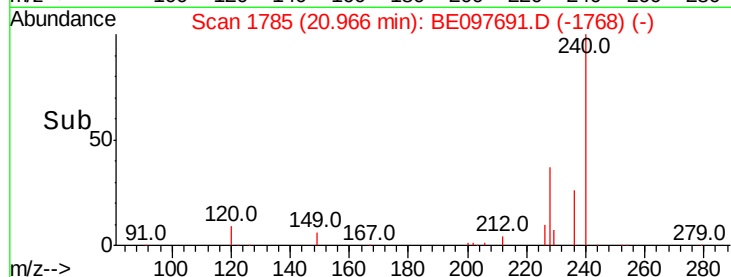
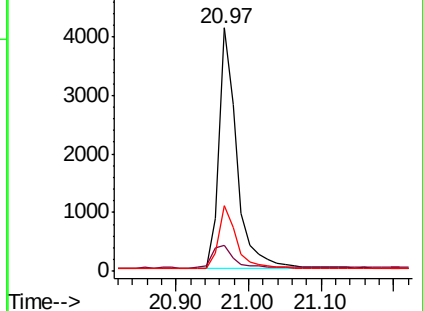
236 27.2 20.7 31.1



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: 0.207 ng

RT: 19.20 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

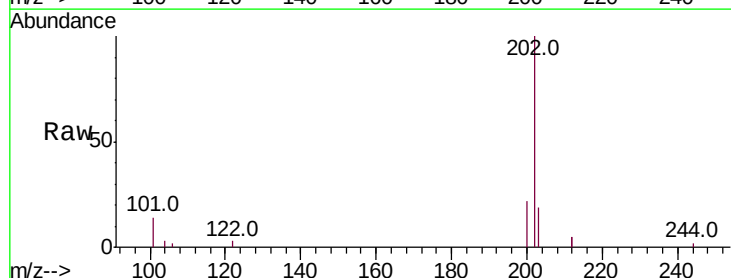
Tgt Ion:202 Resp: 3878

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

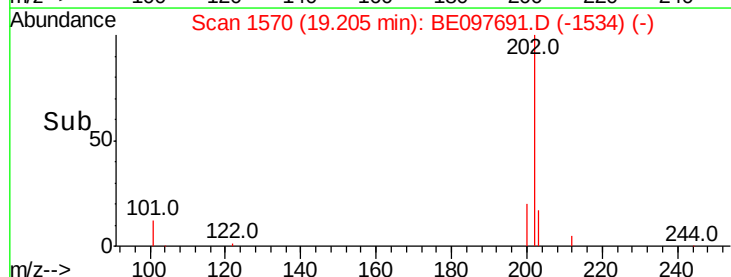
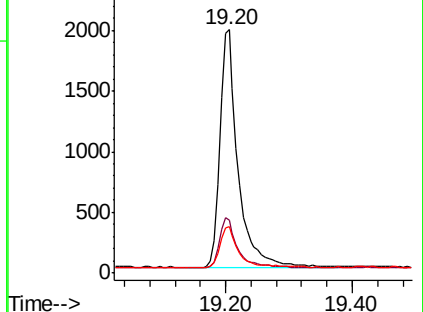
203 17.7 13.8 20.8

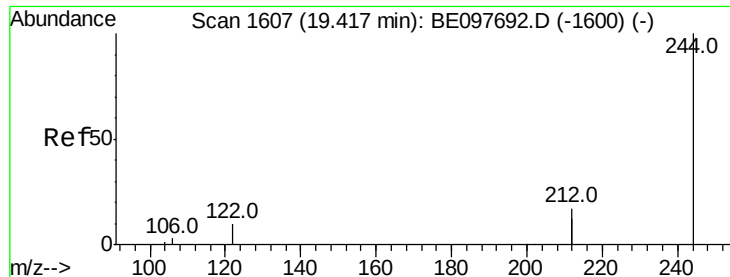


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.234 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

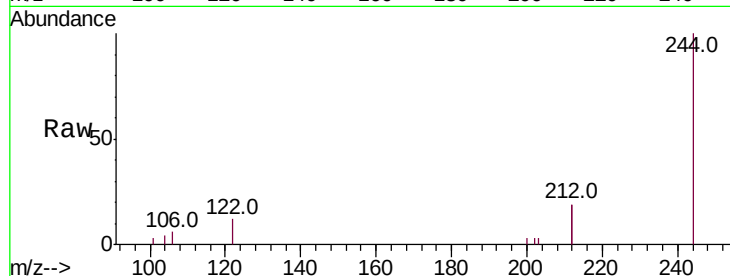
Tot Ion:244 Resp: 3305

Ion Ratio Lower Upper

244 100

212 37.9 25.4 38.0

122 12.1 8.1 12.1

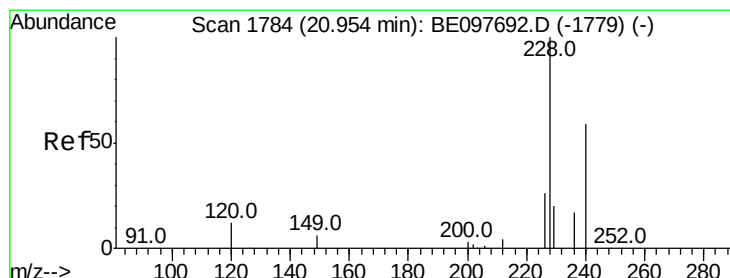
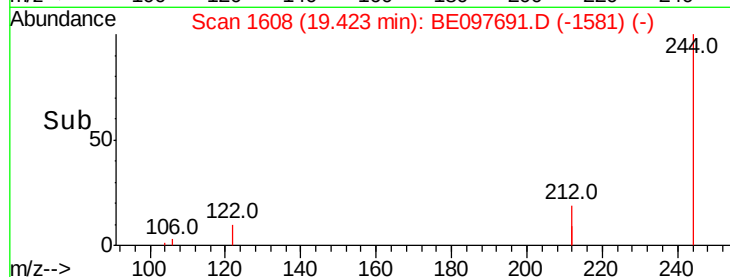
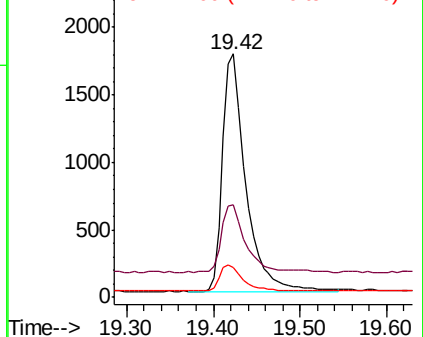


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.187 ng

RT: 20.95 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

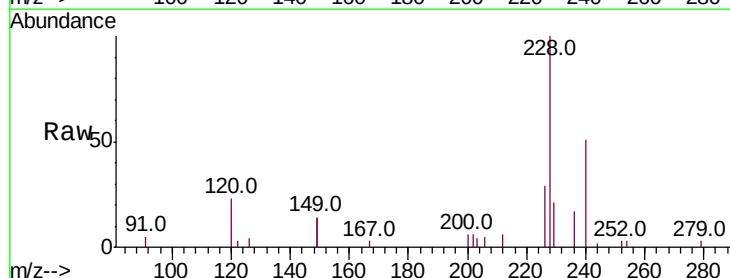
Tgt Ion:228 Resp: 3170

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

229 21.3 16.0 24.0

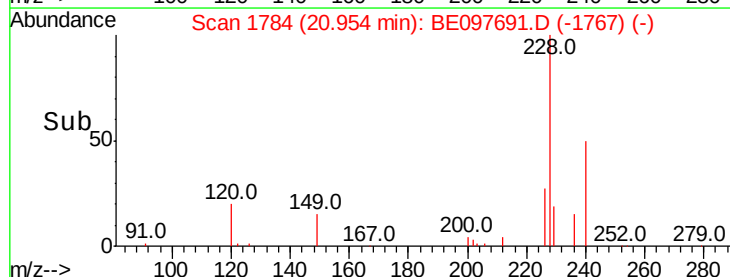
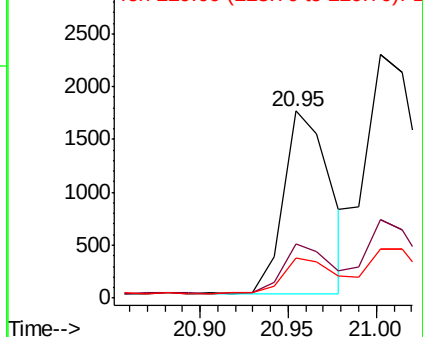


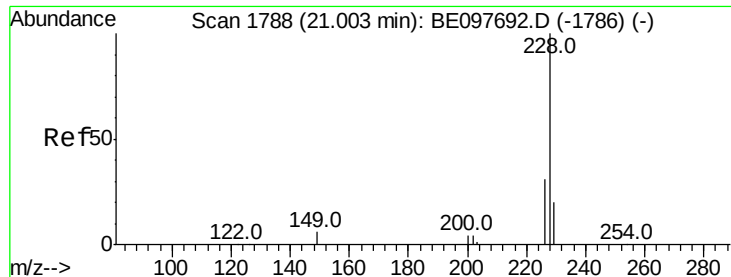
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.251 ng

RT: 21.00 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

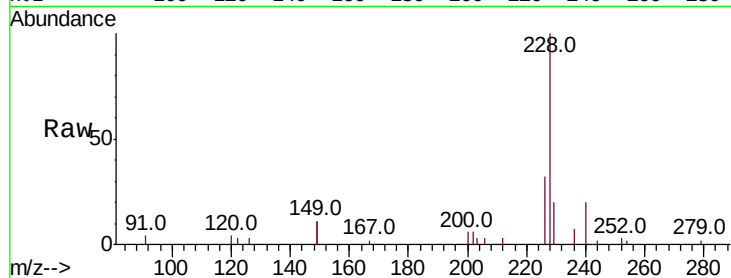
Tot Ion:228 Resp: 4975

Ion Ratio Lower Upper

228 100

226 32.1 24.0 36.0

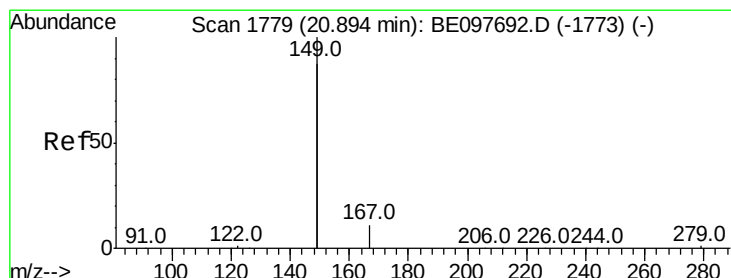
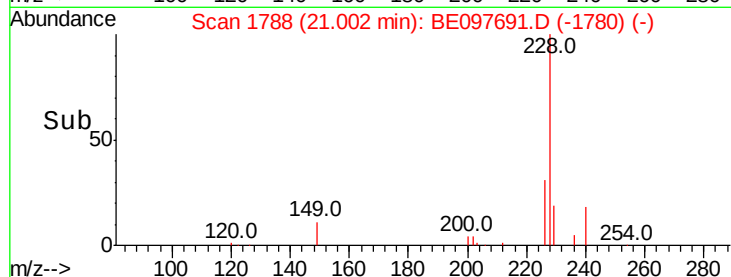
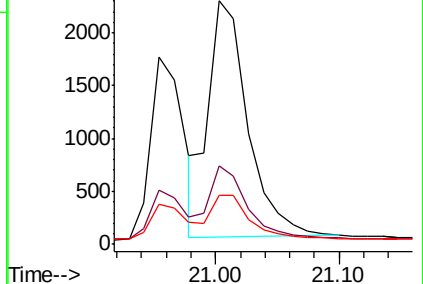
229 20.4 16.0 24.0



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: 0.224 ng

RT: 20.91 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

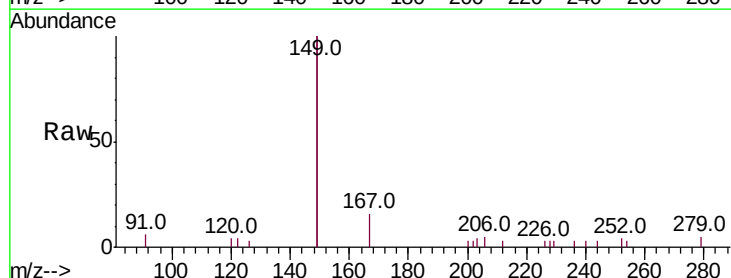
Tgt Ion:149 Resp: 4332

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

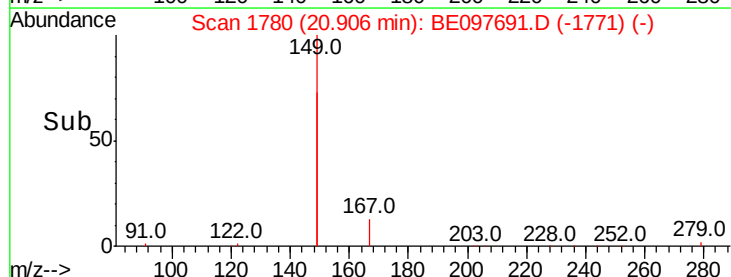
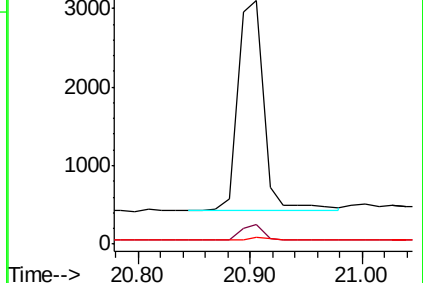
279 1.1 0.7 1.1#

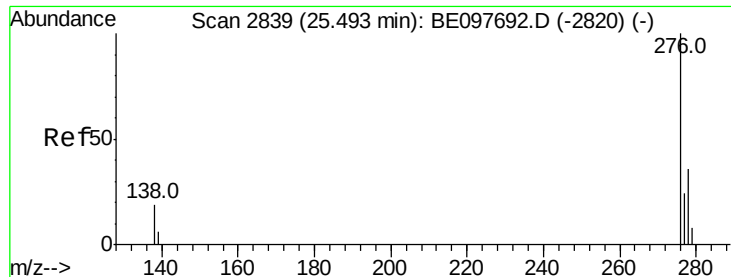


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.243 ng

RT: 25.51 min Scan# 2844

Delta R.T. 0.02 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

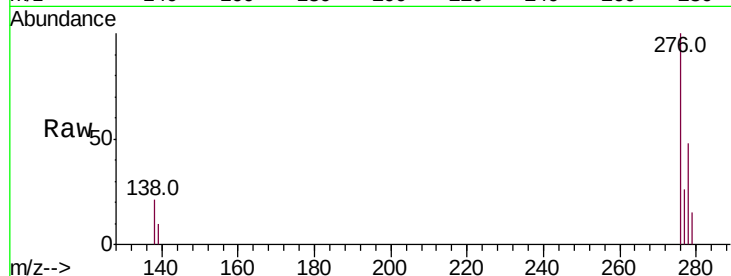
Tot Ion:276 Resp: 5071

Ion Ratio Lower Upper

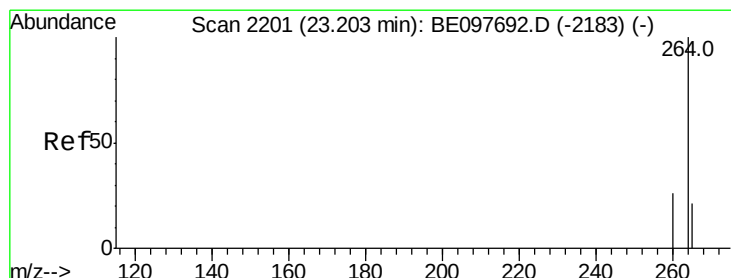
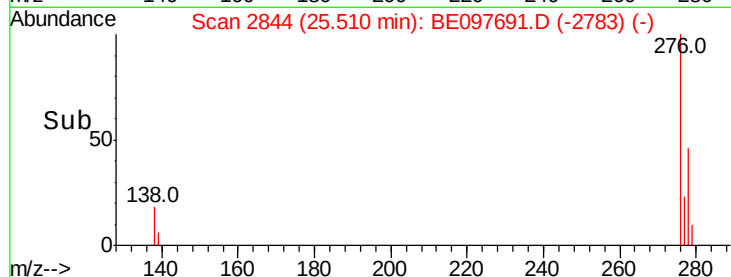
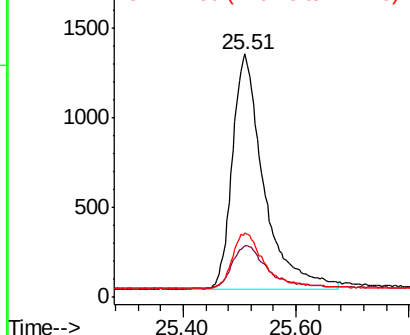
276 100

138 19.2 22.5 33.7#

277 24.6 19.9 29.9



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

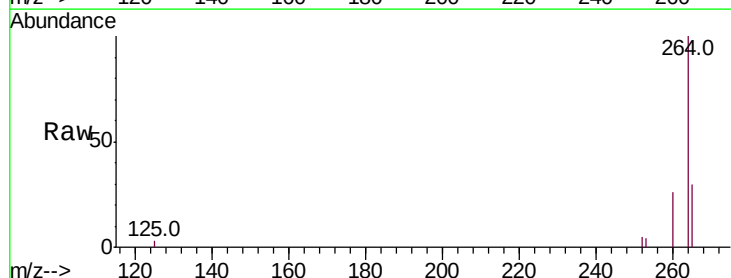
Tgt Ion:264 Resp: 7005

Ion Ratio Lower Upper

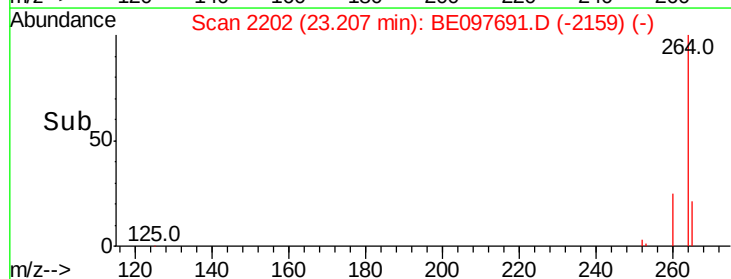
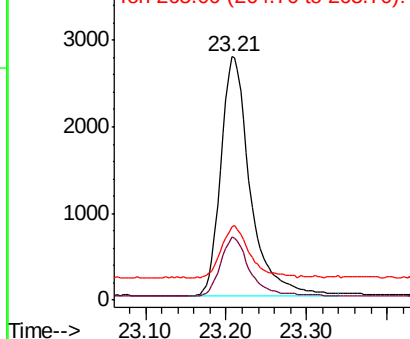
264 100

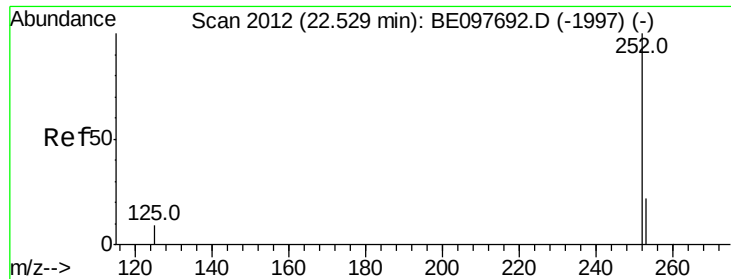
260 26.0 20.5 30.7

265 30.3 22.8 34.2



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





#35

Benzo(b)fluoranthene

Concen: 0.222 ng

RT: 22.54 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

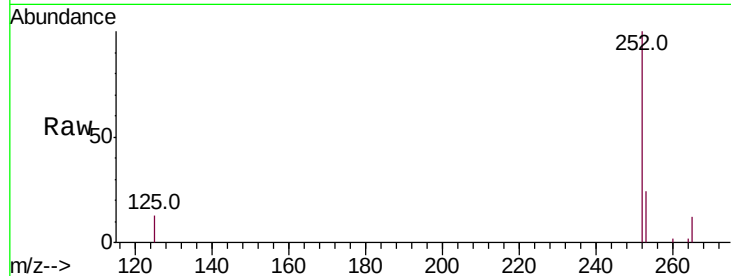
Tot Ion:252 Resp: 3975

Ion Ratio Lower Upper

252 100

253 24.4 20.0 30.0

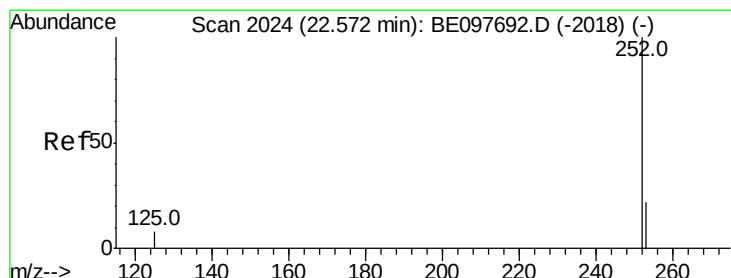
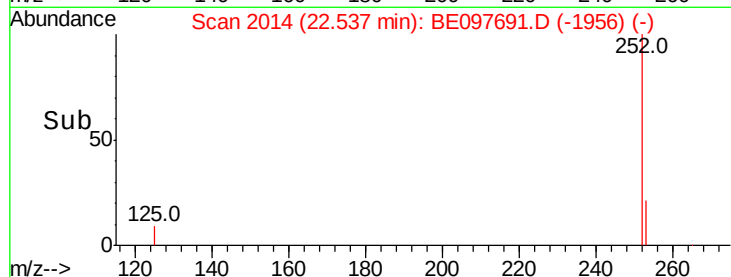
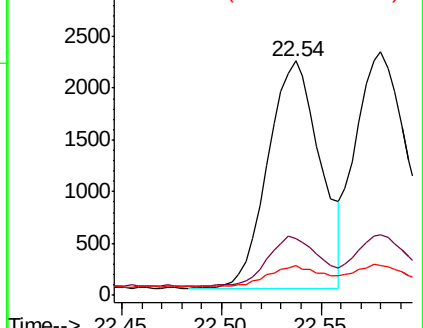
125 12.7 16.0 24.0#



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: 0.218 ng

RT: 22.58 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

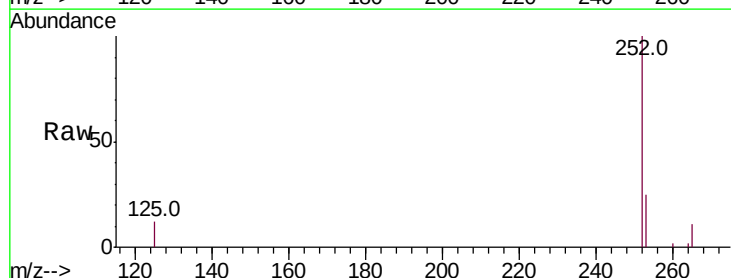
Tgt Ion:252 Resp: 4622

Ion Ratio Lower Upper

252 100

253 24.9 16.0 24.0#

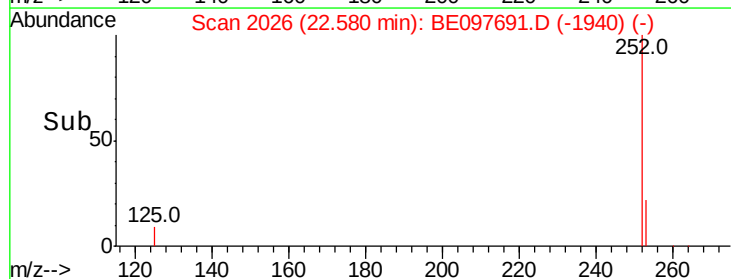
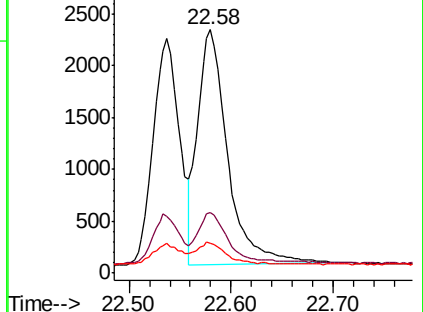
125 12.2 8.0 12.0#

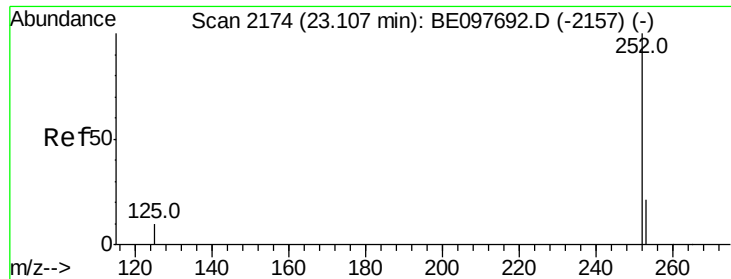


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.217 ng

RT: 23.11 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

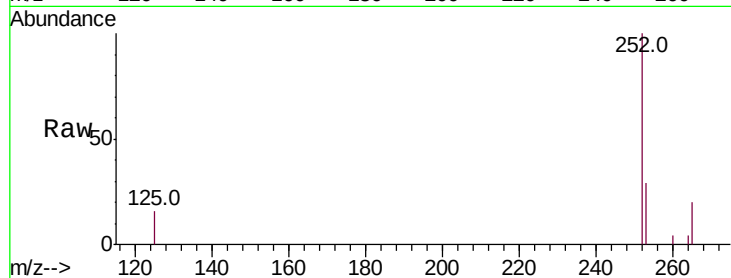
Tot Ion:252 Resp: 3842

Ion Ratio Lower Upper

252 100

253 28.5 16.0 24.0#

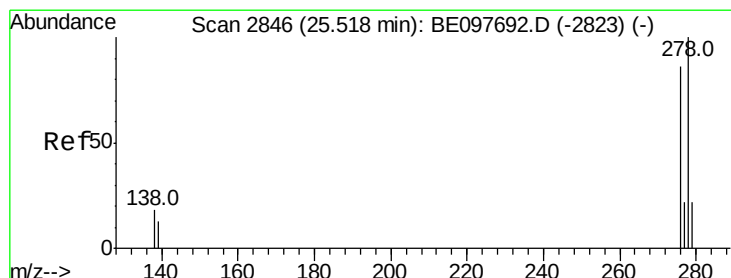
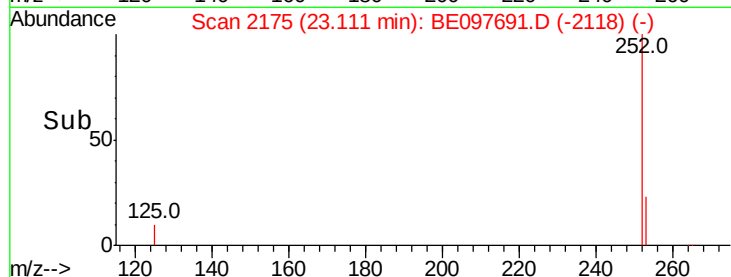
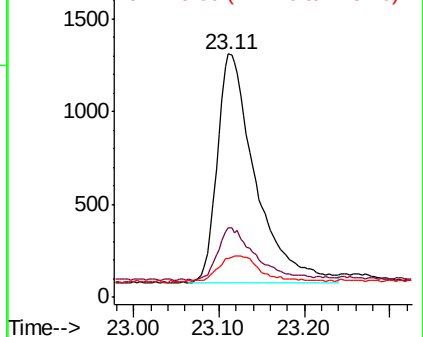
125 15.9 12.0 18.0



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: 0.223 ng

RT: 25.53 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

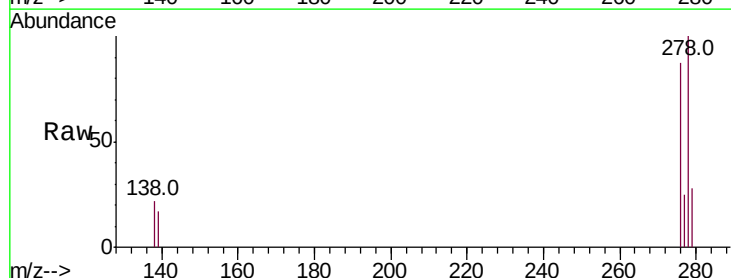
Tgt Ion:278 Resp: 4142

Ion Ratio Lower Upper

278 100

139 17.3 16.0 24.0

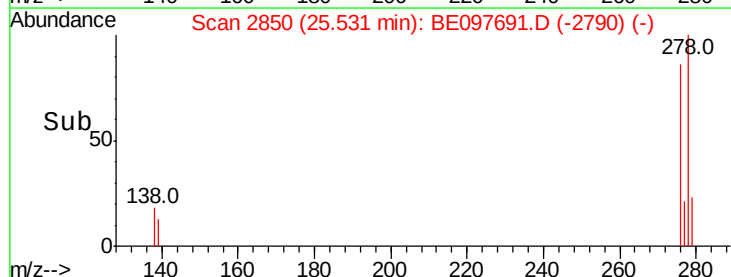
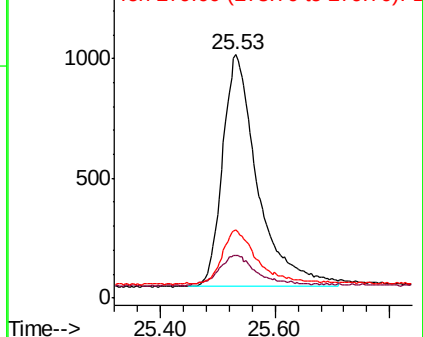
279 28.0 20.0 30.0

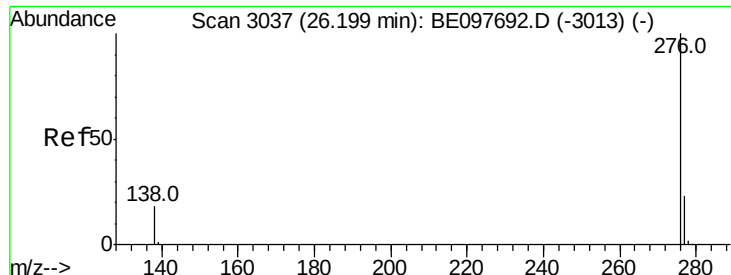


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.230 ng

RT: 26.22 min Scan# 3044

Delta R.T. 0.02 min

Lab File: BE097691.D

Acq: 27 Sep 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

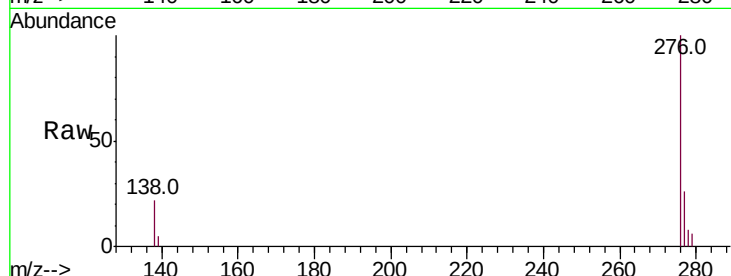
Tot Ion:276 Resp: 4260

Ion Ratio Lower Upper

276 100

277 26.5 16.0 24.0#

138 21.6 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

