

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
 Data File : BE097440.D
 Acq On : 10 Sep 2018 8:51
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 10 09:37:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 18:07:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	836	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4379	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2857	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	7501	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	8110	0.40	ng	0.00
34) Perylene-d12	23.20	264	8126	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	1052	0.43	ng	-0.01
5) Phenol-d6	6.59	99	1502	0.45	ng	-0.01
8) Nitrobenzene-d5	8.51	82	1391	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	11.72	152	2797	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	505	0.52	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	4114	0.39	ng	0.00
25) Fluoranthene-d10	18.80	212	33812	0.39	ng	0.00
29) Terphenyl-d14	19.42	244	6590	0.44	ng	0.00

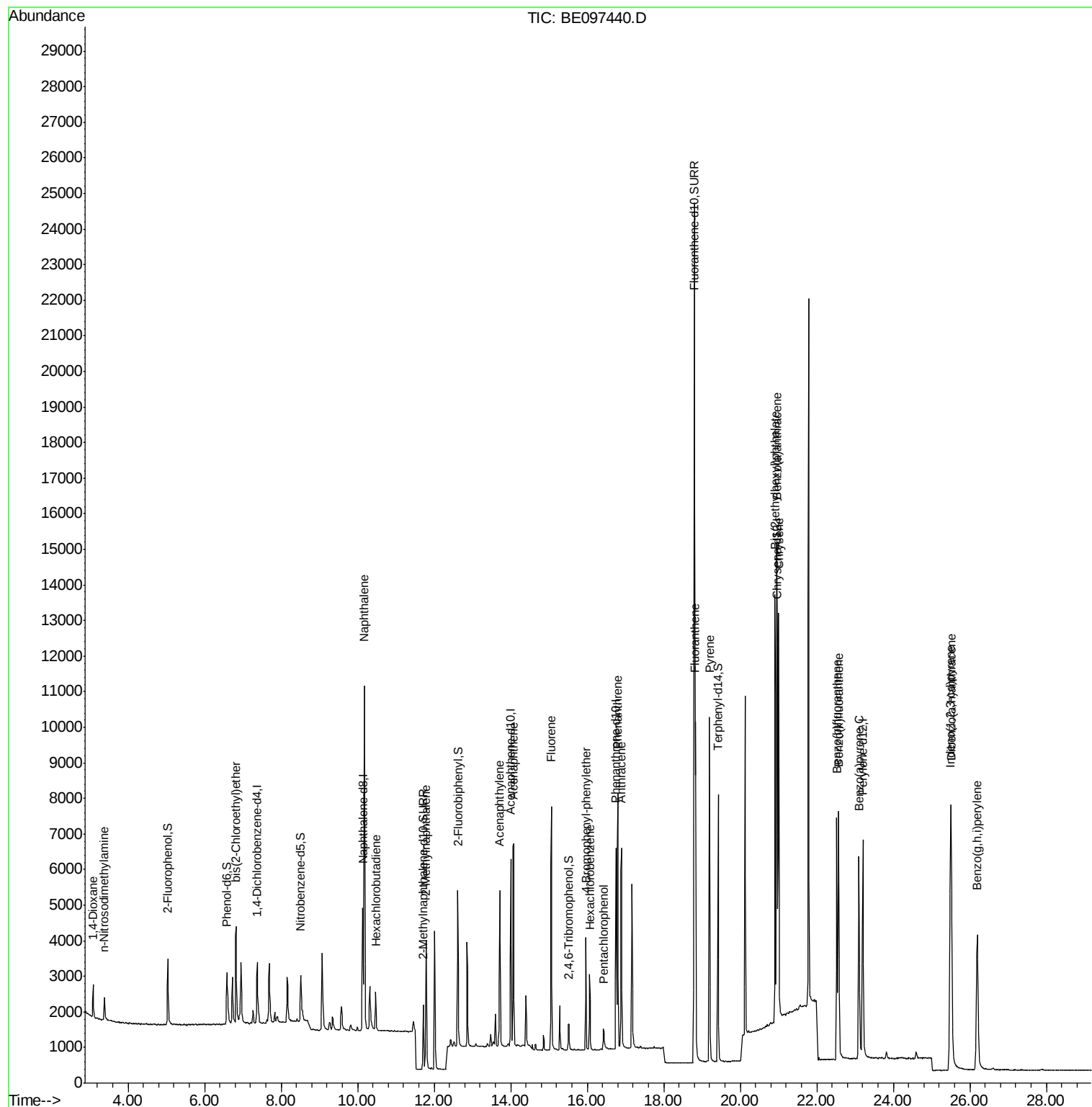
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	537	0.362	ng	# 86
3) n-Nitrosodimethylamine	3.37	42	484	0.349	ng	# 91
6) bis(2-Chloroethyl)ether	6.83	93	1149	0.378	ng	95
9) Naphthalene	10.17	128	16557	0.415	ng	100
10) Hexachlorobutadiene	10.47	225	744	0.418	ng	96
12) 2-Methylnaphthalene	11.79	142	2845	0.453	ng	99
16) Acenaphthylene	13.72	152	4966	0.437	ng	100
17) Acenaphthene	14.07	154	3273	0.432	ng	98
18) Fluorene	15.06	166	4136	0.431	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1495	0.438	ng	# 87
21) Hexachlorobenzene	16.07	284	1680	0.445	ng	# 83
22) Pentachlorophenol	16.43	266	425	0.493	ng	84
23) Phenanthrene	16.80	178	7617	0.427	ng	99
24) Anthracene	16.89	178	6696	0.441	ng	95
26) Fluoranthene	18.83	202	8731	0.390	ng	99
28) Pyrene	19.19	202	9103	0.472	ng	100
30) Benzo(a)anthracene	20.95	228	8964	0.437	ng	96
31) Chrysene	21.00	228	9084	0.411	ng	99
32) Bis(2-ethylhexyl)phthalate	20.91	149	15805	0.621	ng	100
33) Indeno(1,2,3-cd)pyrene	25.49	276	10569	0.377	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	8463	0.389	ng	# 89
36) Benzo(k)fluoranthene	22.57	252	9313	0.387	ng	93
37) Benzo(a)pyrene	23.10	252	8335	0.398	ng	# 92
38) Dibenzo(a,h)anthracene	25.51	278	8868	0.355	ng	# 95
39) Benzo(g,h,i)perylene	26.19	276	8815	0.340	ng	# 89

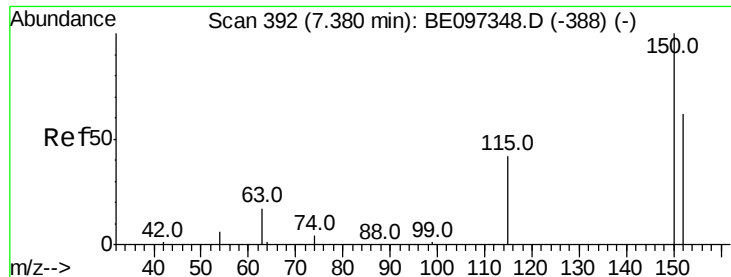
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.38 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

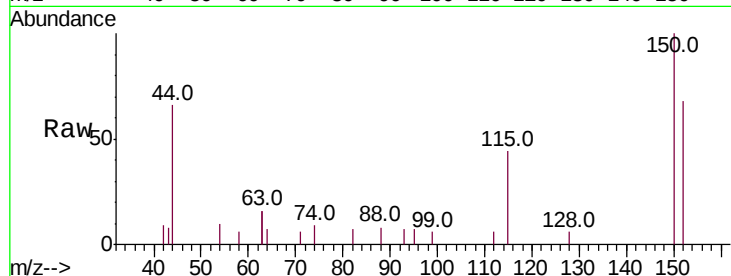
Tot Ion:152 Resp: 836

Ion Ratio Lower Upper

152 100

150 148.0 117.2 175.8

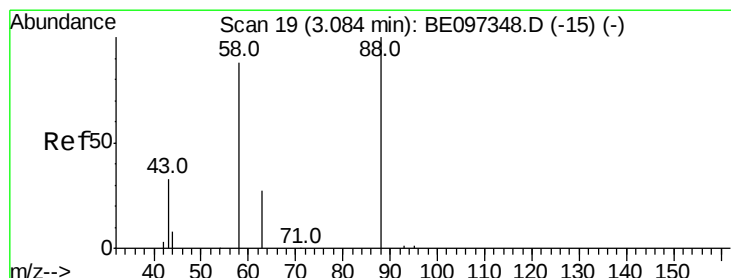
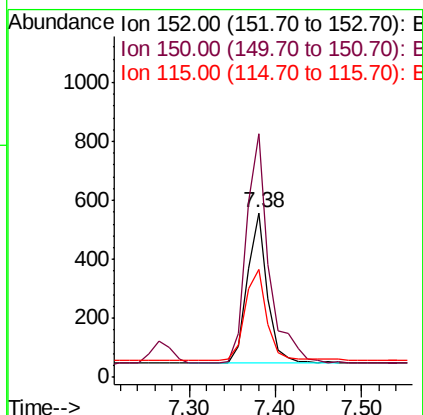
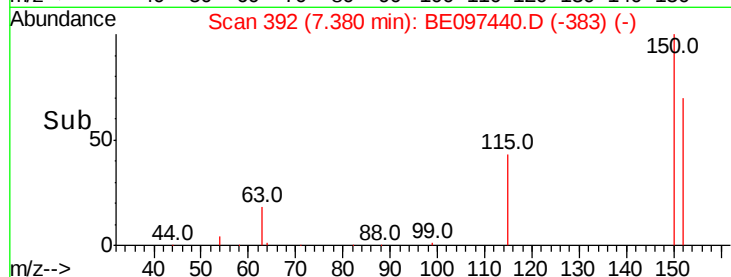
115 65.6 57.0 85.6



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: 0.362 ng

RT: 3.08 min Scan# 19

Delta R.T. 0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

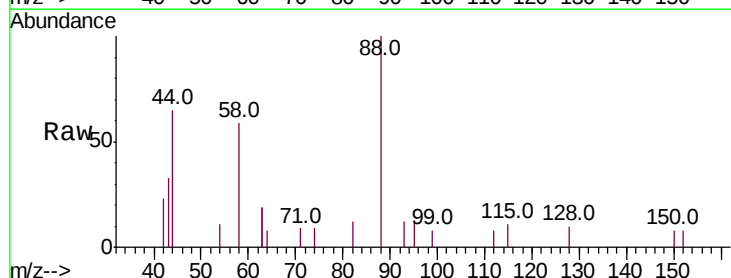
Tgt Ion: 88 Resp: 537

Ion Ratio Lower Upper

88 100

58 80.1 63.2 94.8

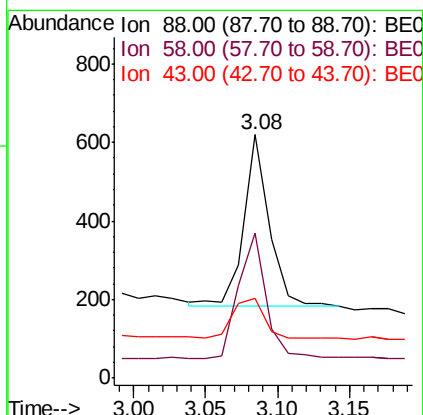
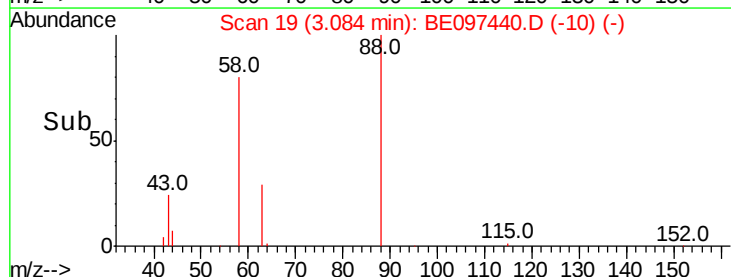
43 28.1 41.2 61.8#

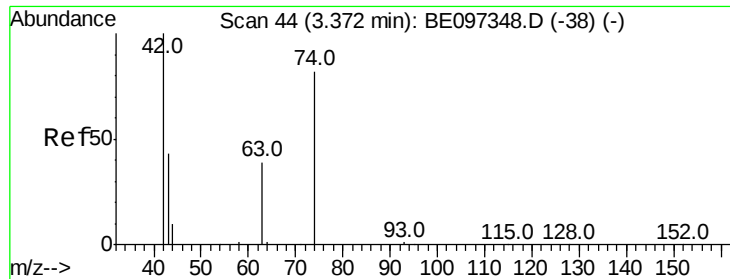


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.349 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

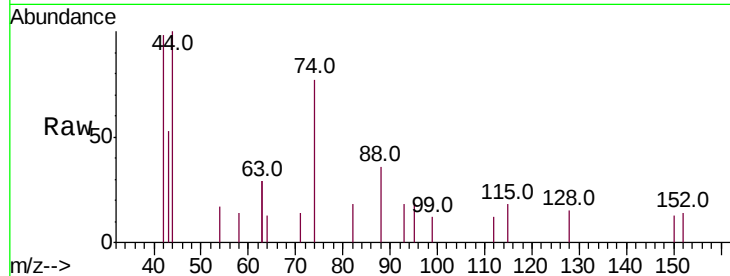
Tot Ion: 42 Resp: 484

Ion Ratio Lower Upper

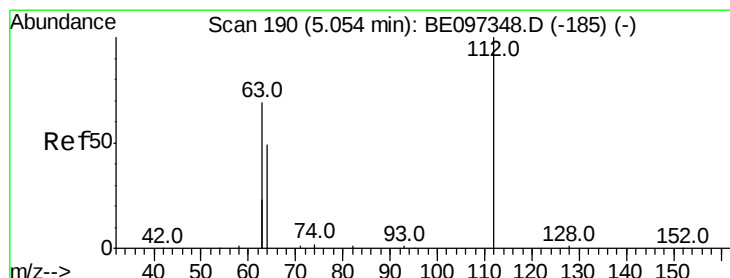
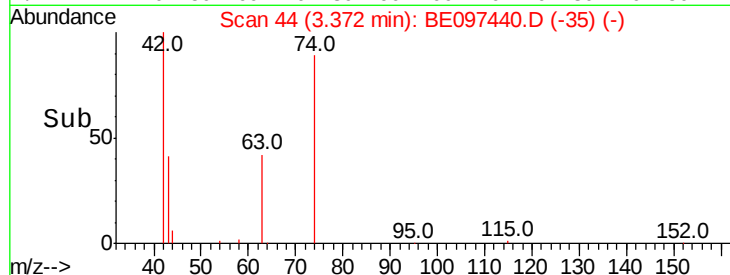
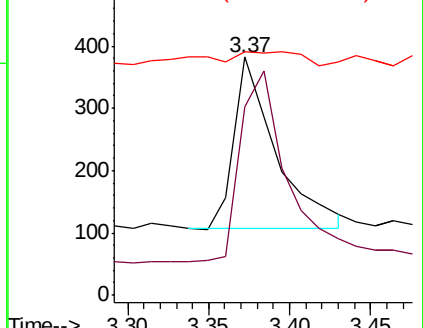
42 100

74 129.5 96.0 144.0

44 20.0 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



#4

2-Fluorophenol

Concen: 0.426 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

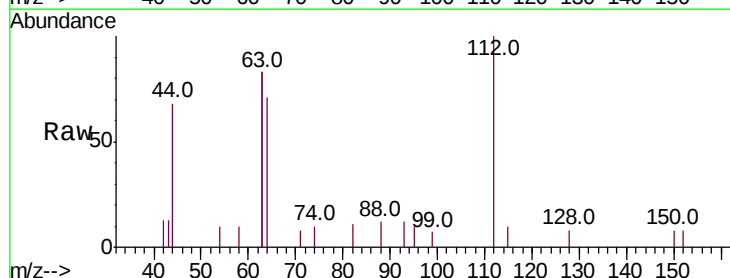
Tgt Ion: 112 Resp: 1052

Ion Ratio Lower Upper

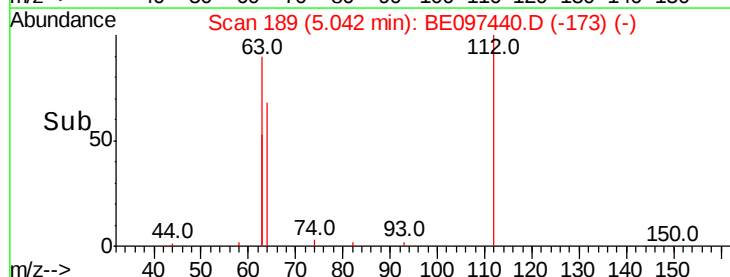
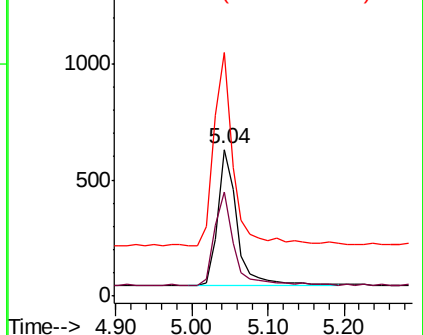
112 100

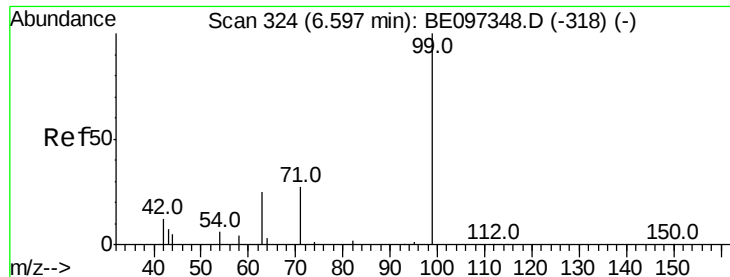
64 68.2 60.1 90.1

63 139.9 116.8 175.2



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





#5

Phenol-d6

Concen: 0.455 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

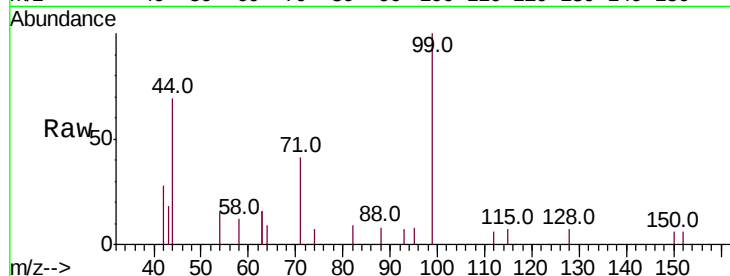
Tot Ion: 99 Resp: 1502

Ion Ratio Lower Upper

99 100

42 20.2 20.2 30.2

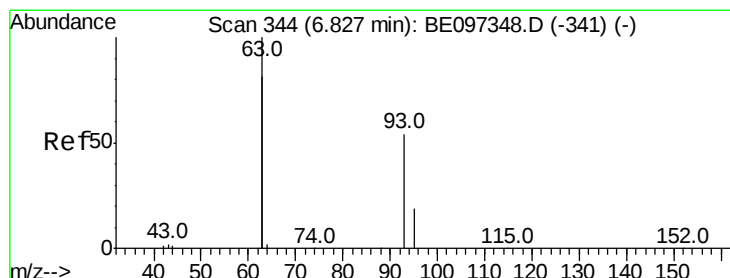
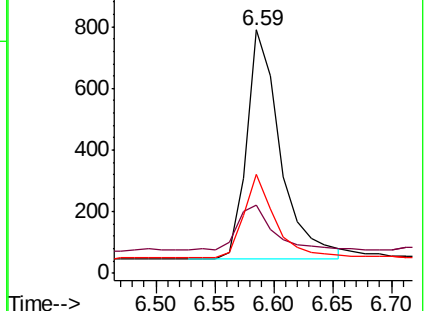
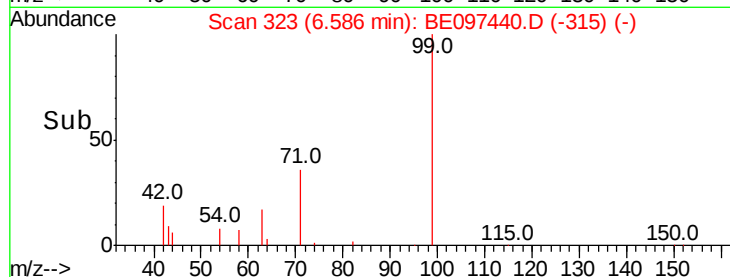
71 34.1 28.4 42.6



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: 0.378 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

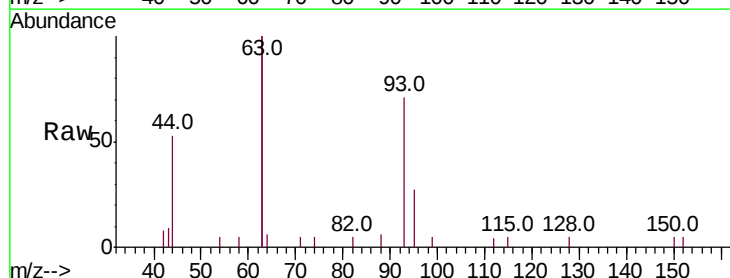
Tgt Ion: 93 Resp: 1149

Ion Ratio Lower Upper

93 100

63 332.5 275.3 412.9

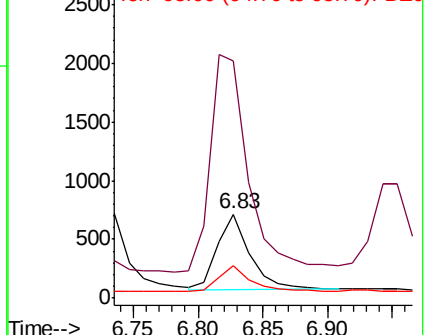
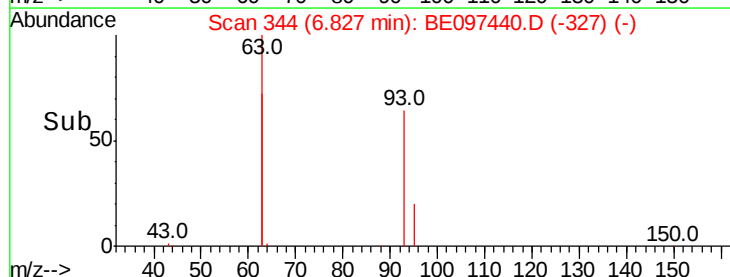
95 32.4 25.2 37.8

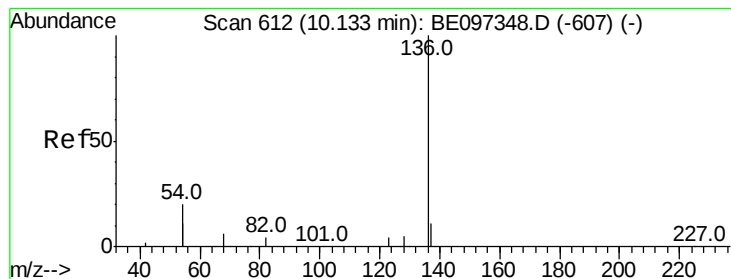


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4379

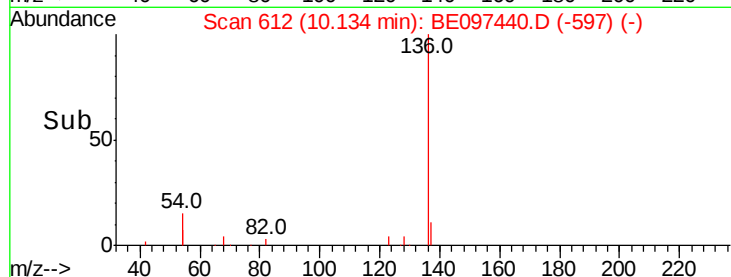
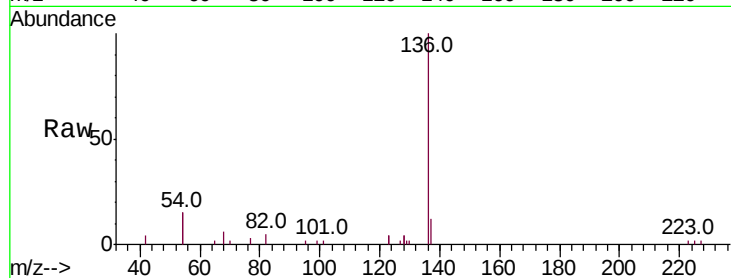
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 30.1 29.1 43.7

68 6.5 6.2 9.2

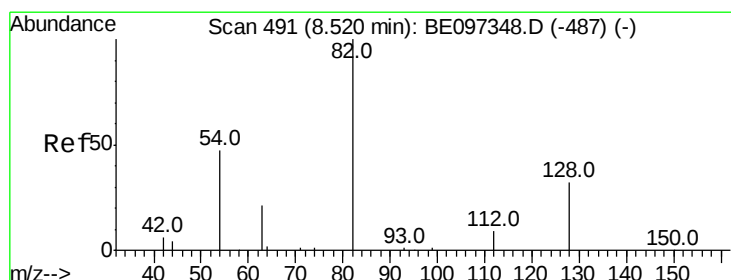
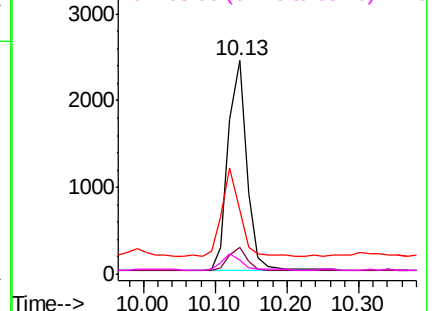


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.443 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

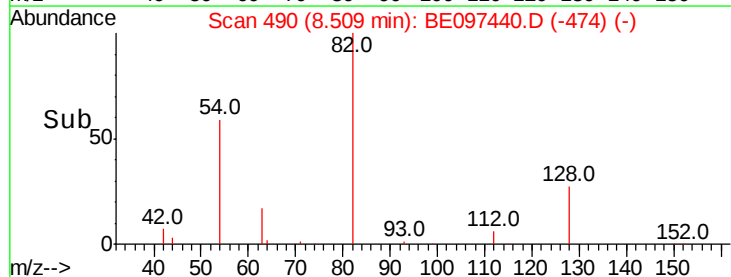
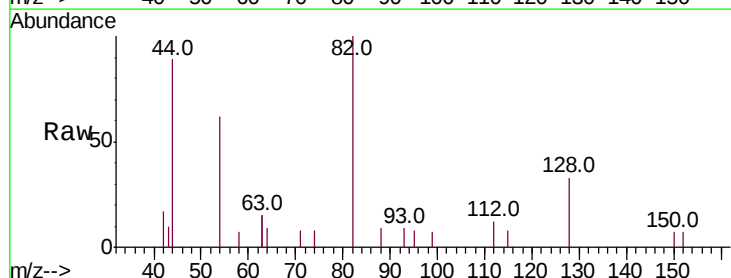
Tgt Ion: 82 Resp: 1391

Ion Ratio Lower Upper

82 100

128 32.9 24.0 36.0

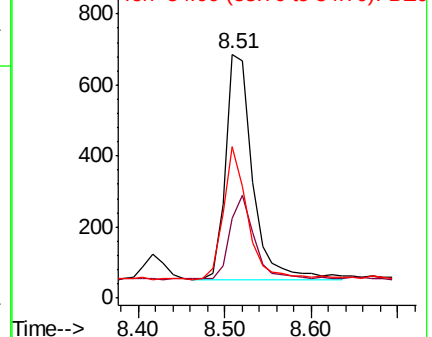
54 62.4 40.0 60.0#

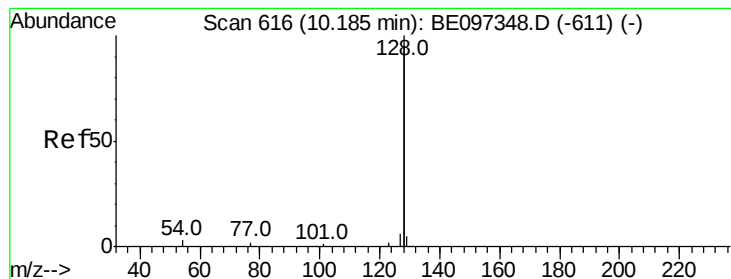


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.415 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

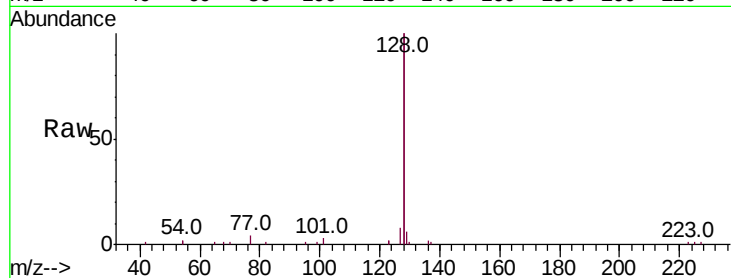
Tot Ion:128 Resp: 16557

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

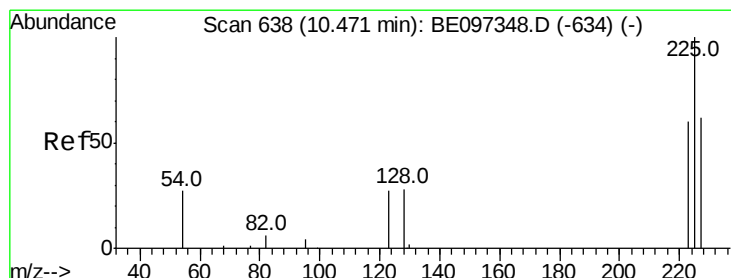
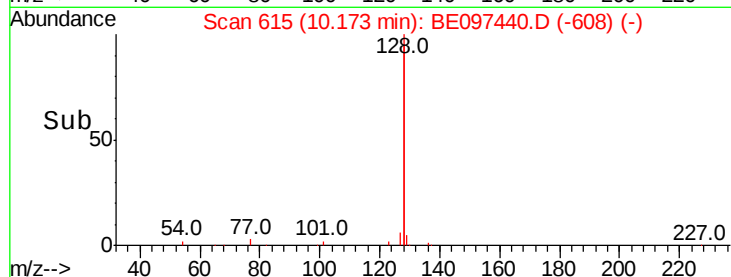
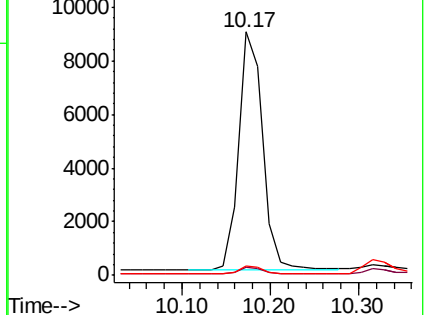
127 3.8 2.8 4.2



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: 0.418 ng

RT: 10.47 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

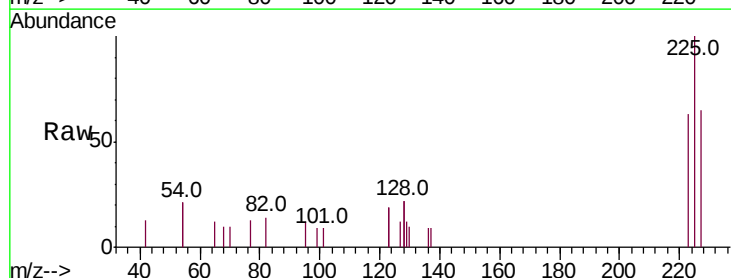
Tgt Ion:225 Resp: 744

Ion Ratio Lower Upper

225 100

223 62.0 53.0 79.6

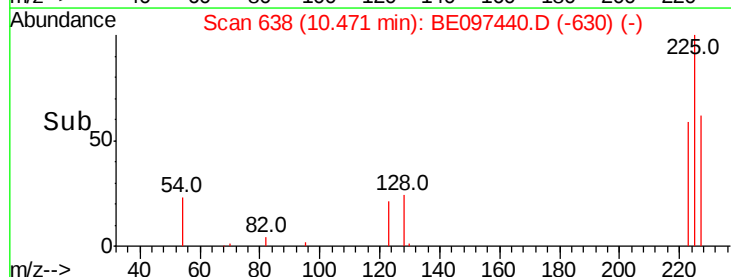
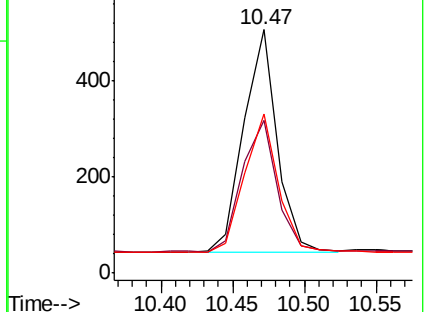
227 62.9 51.4 77.2

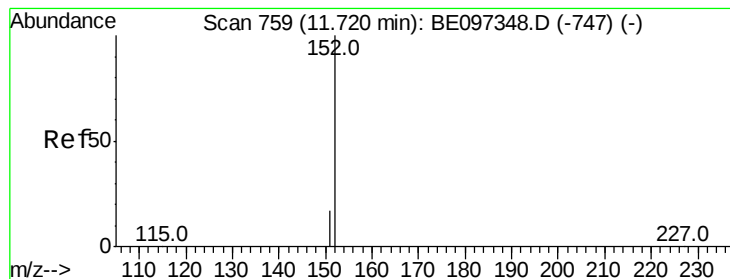


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.458 ng

RT: 11.72 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

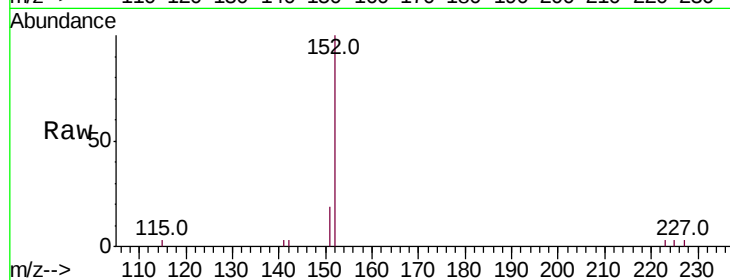
SSTDCCC0.4

Tot Ion:152 Resp: 2797

Ion Ratio Lower Upper

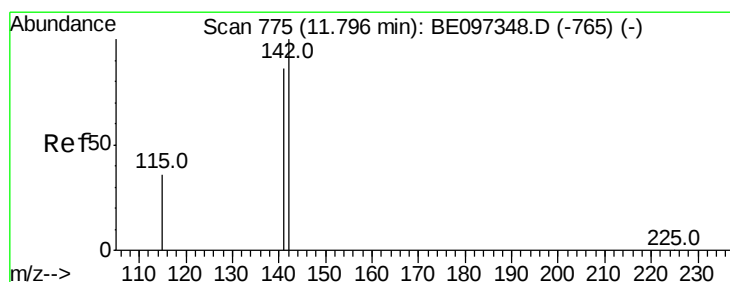
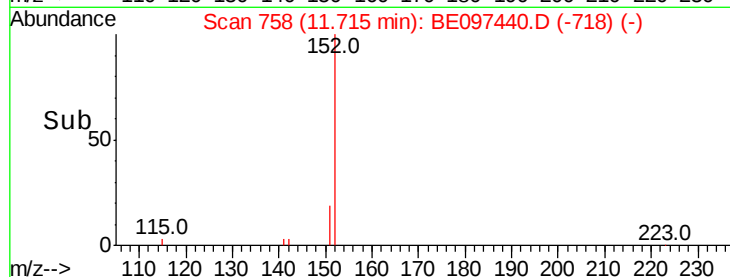
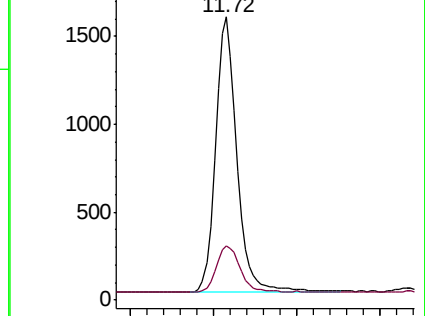
152 100

151 18.5 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: 0.453 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

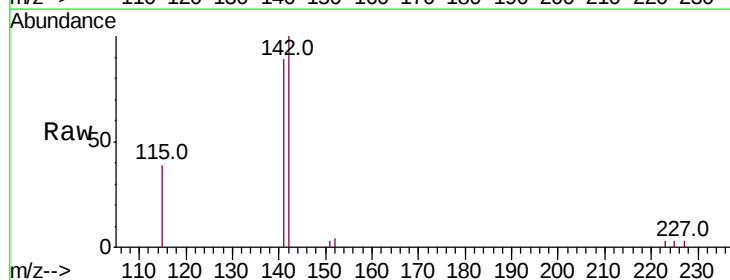
Tgt Ion:142 Resp: 2845

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6

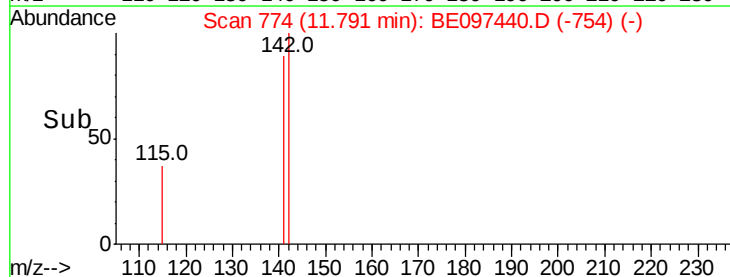
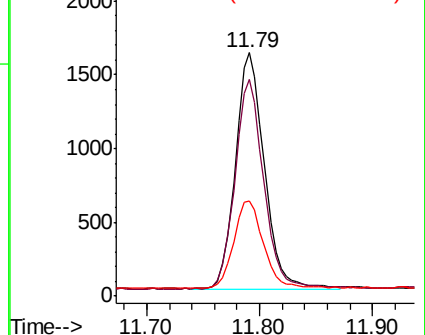
115 39.0 31.7 47.5

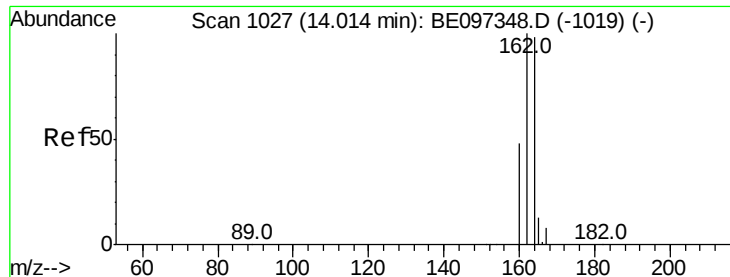


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.00 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

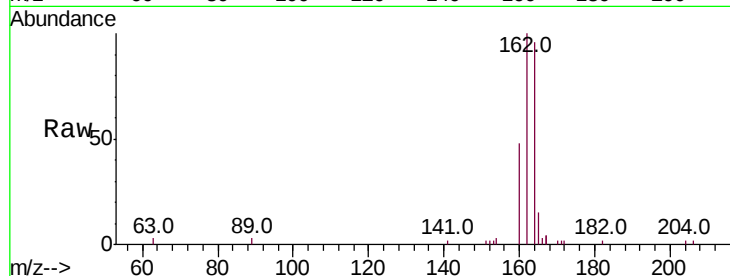
Tot Ion:164 Resp: 2857

Ion Ratio Lower Upper

164 100

162 104.4 83.1 124.7

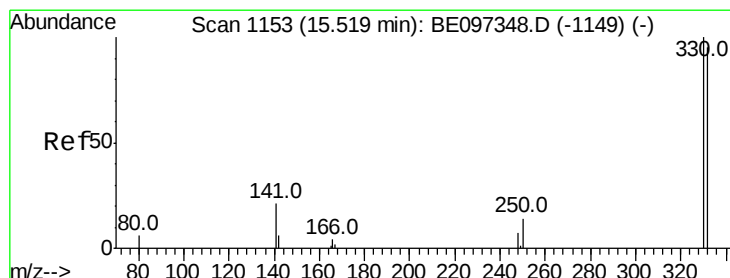
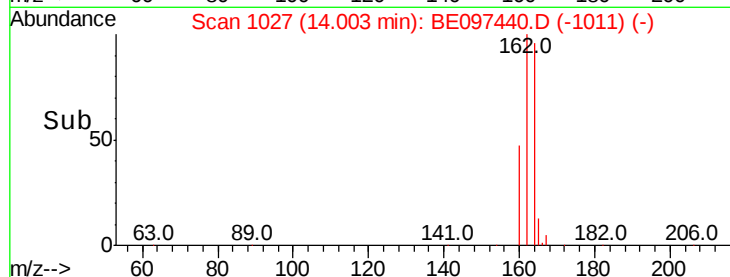
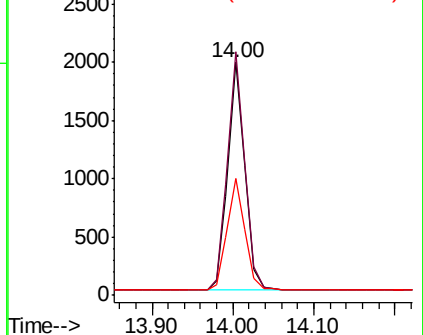
160 50.3 37.1 55.7



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: 0.523 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

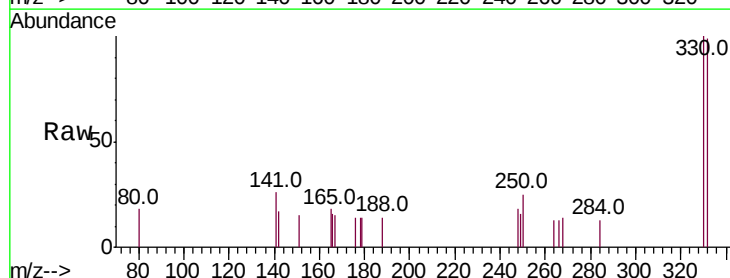
Tgt Ion:330 Resp: 505

Ion Ratio Lower Upper

330 100

332 95.4 152.7 229.1#

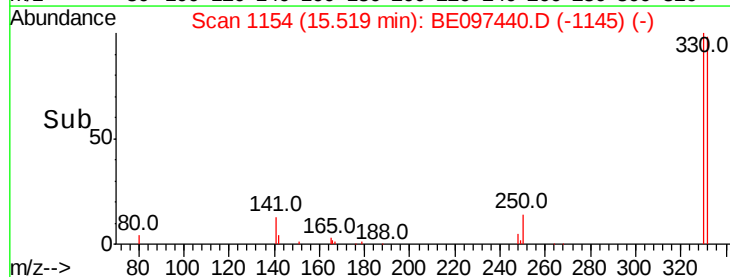
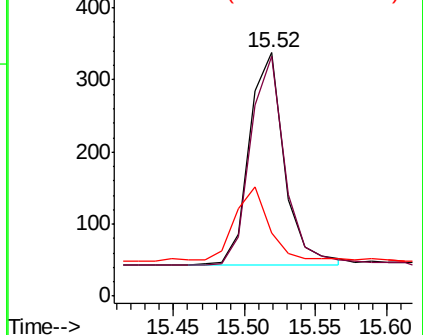
141 34.9 33.7 50.5

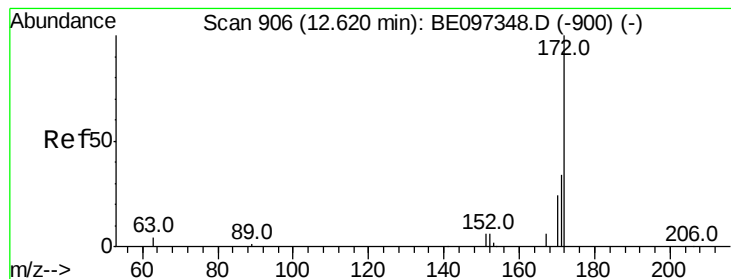


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.392 ng

RT: 12.62 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

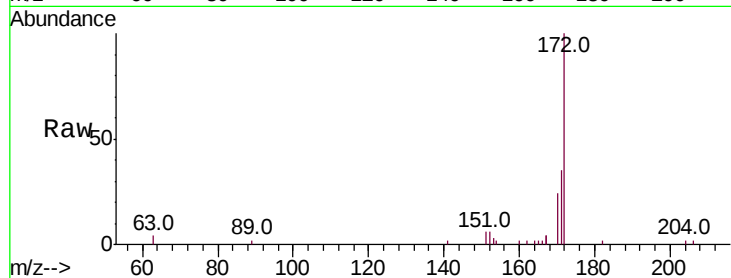
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:172 Resp: 4114

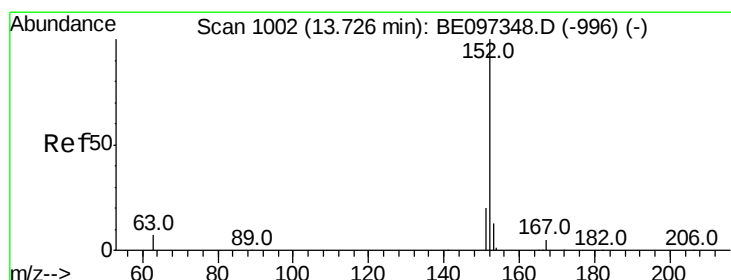
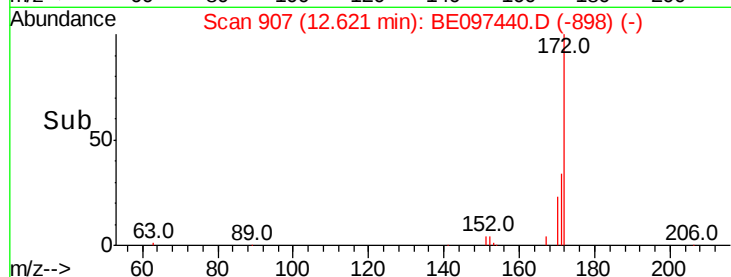
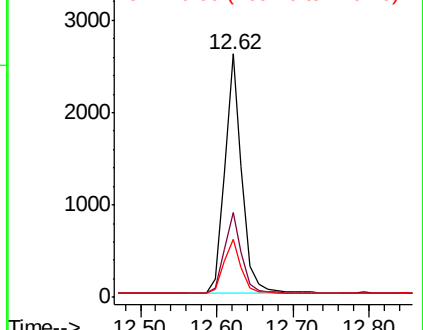
Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	24.0	21.8	32.8



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: 0.437 ng

RT: 13.72 min Scan# 1002

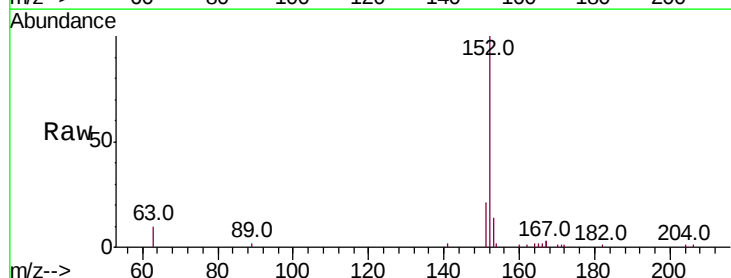
Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Tgt Ion:152 Resp: 4966

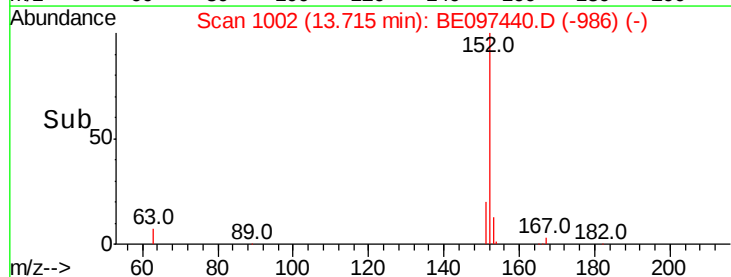
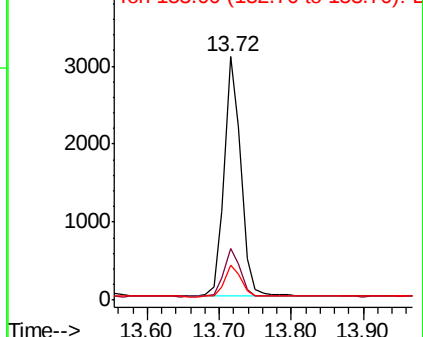
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.4	10.5	15.7

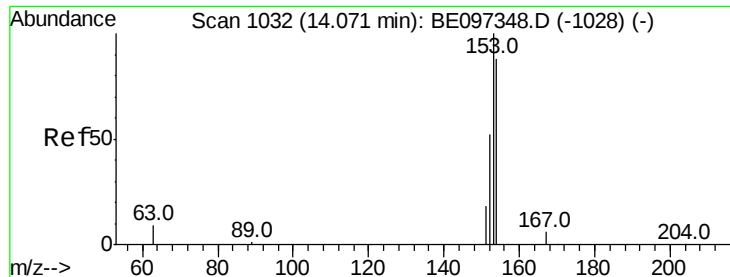


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.432 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

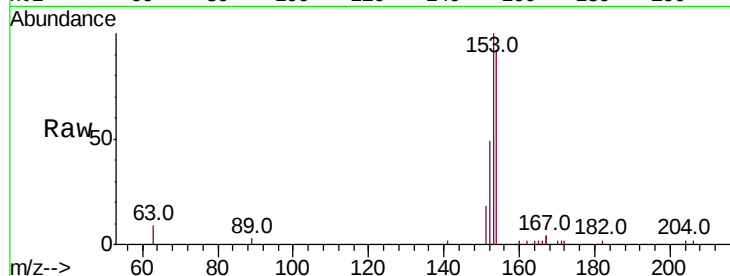
Tot Ion:154 Resp: 3273

Ion Ratio Lower Upper

154 100

153 112.8 89.2 133.8

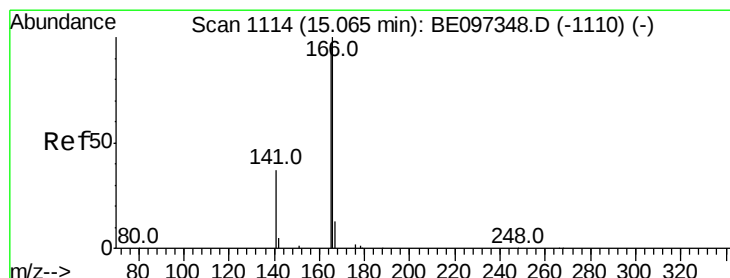
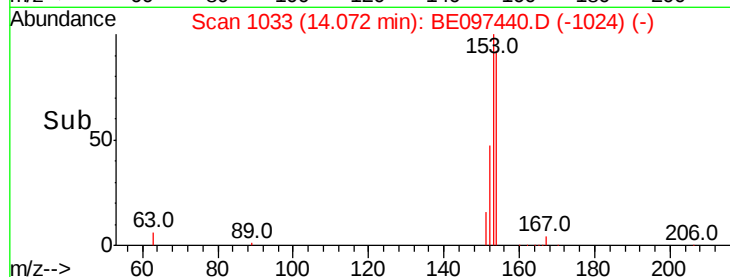
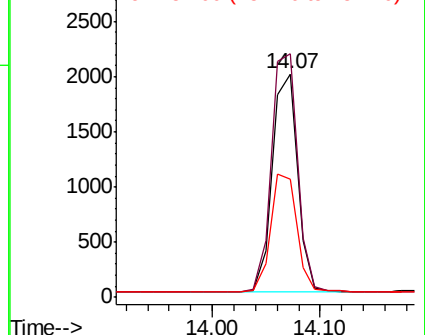
152 55.3 42.0 63.0



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: 0.431 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

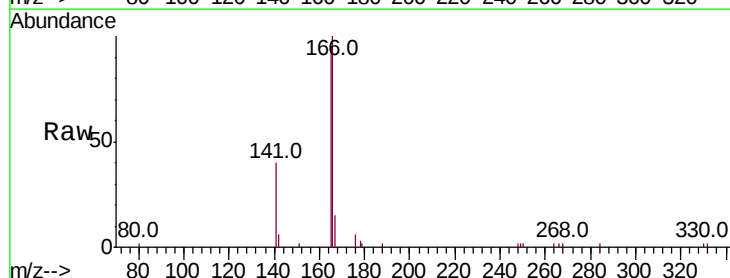
Tgt Ion:166 Resp: 4136

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

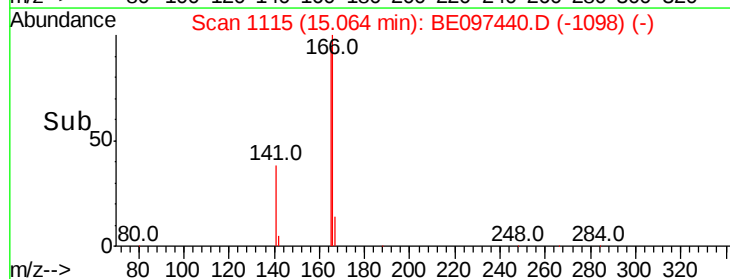
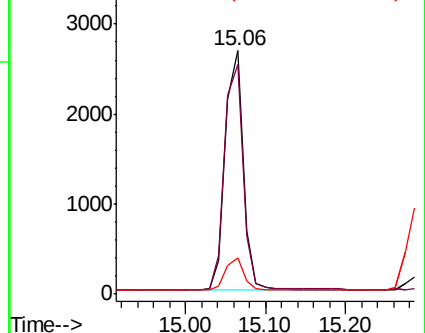
167 13.5 42.4 63.6#

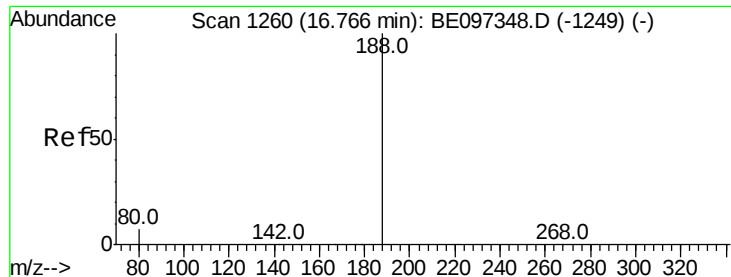


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1260

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

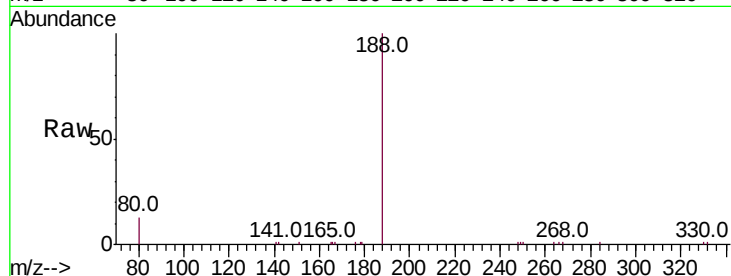
Tot Ion:188 Resp: 7501

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

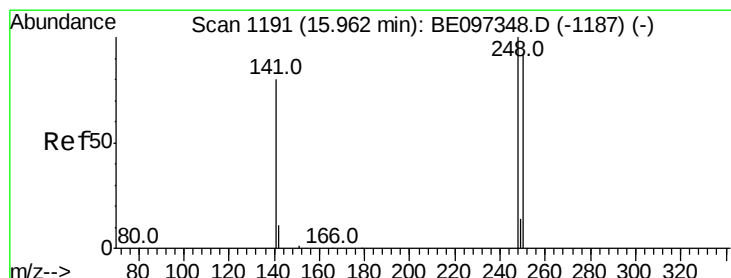
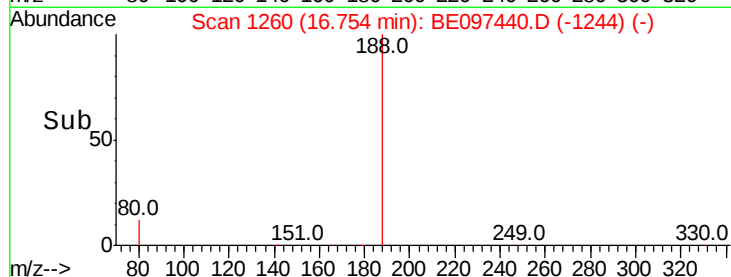
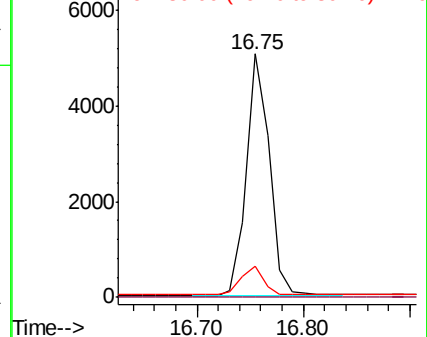
80 12.6 3.6 5.4#



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: 0.438 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

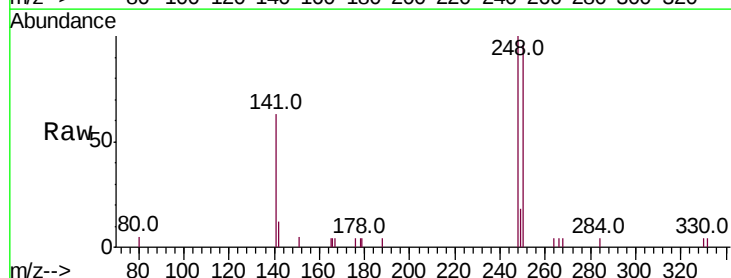
Tgt Ion:248 Resp: 1495

Ion Ratio Lower Upper

248 100

250 95.9 62.7 94.1#

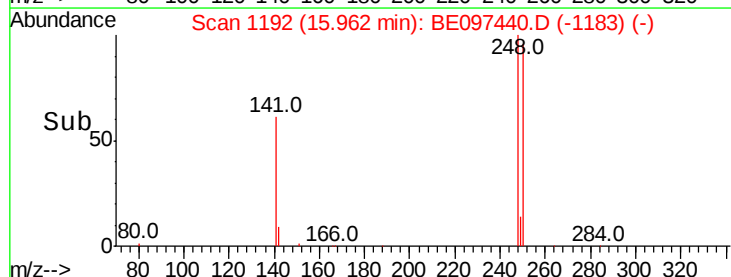
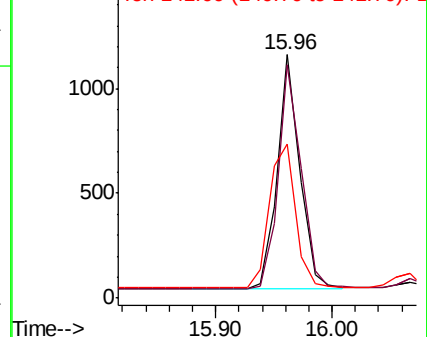
141 63.3 48.2 72.2

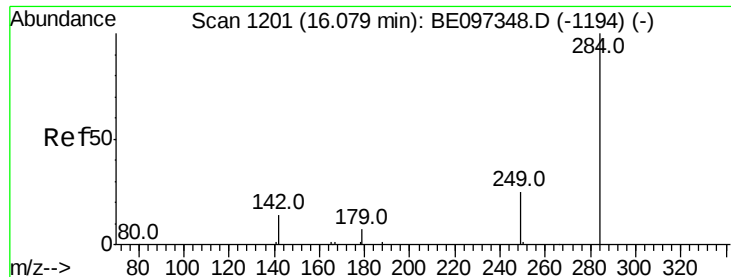


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.445 ng

RT: 16.07 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

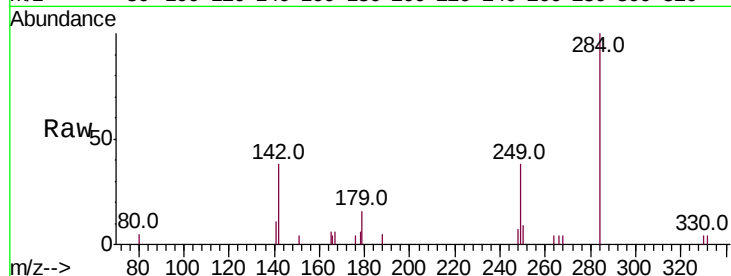
Tot Ion:284 Resp: 1680

Ion Ratio Lower Upper

284 100

142 34.3 22.1 33.1#

249 31.1 34.8 52.2#

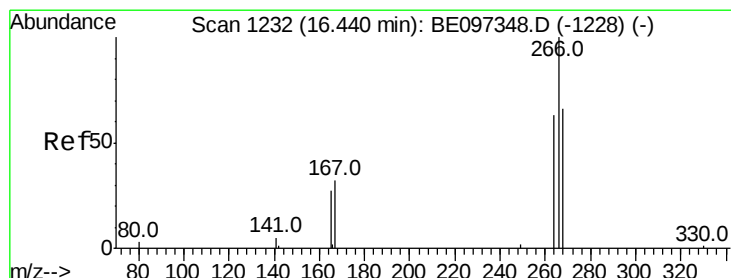
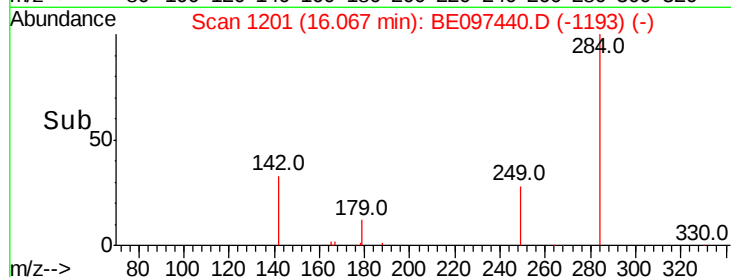
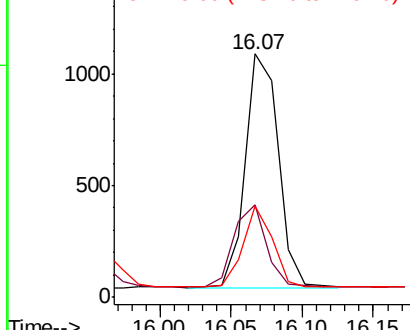


Abundance

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: 0.493 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

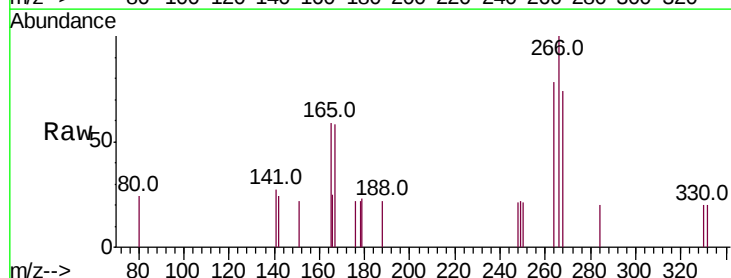
Tgt Ion:266 Resp: 425

Ion Ratio Lower Upper

266 100

264 78.0 72.5 108.7

268 73.9 73.8 110.6

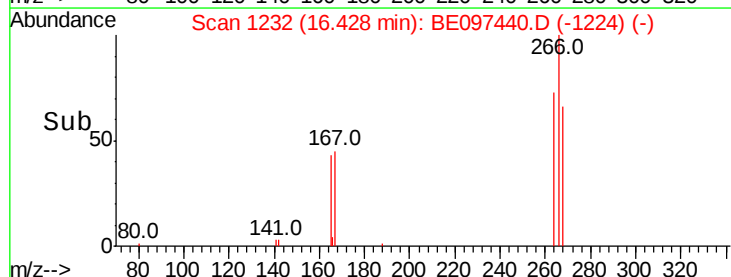
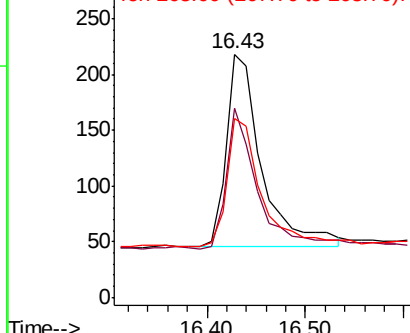


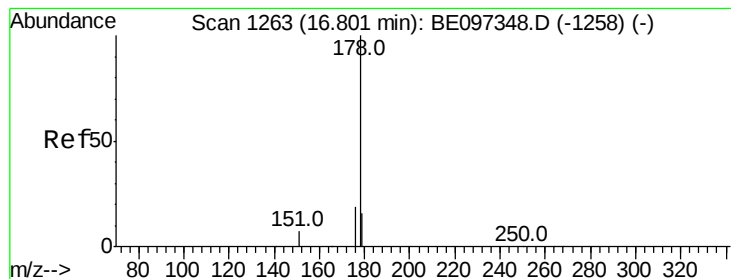
Abundance

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: 0.427 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

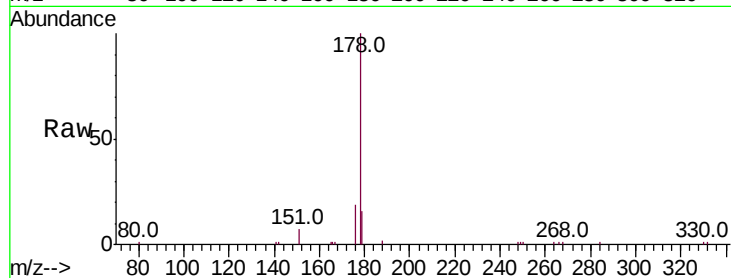
Tot Ion:178 Resp: 7617

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

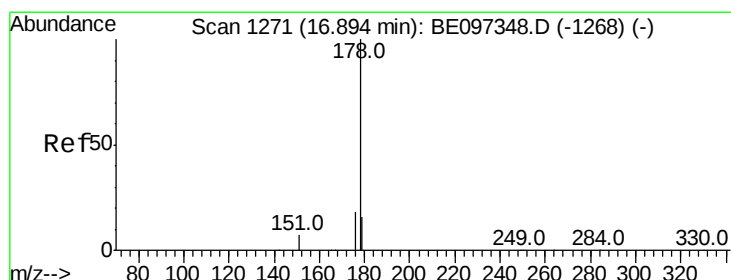
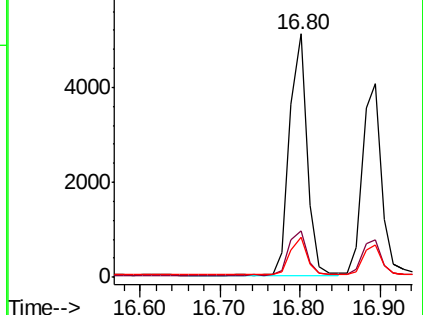
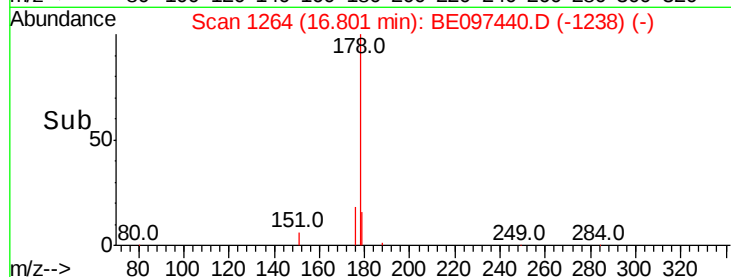
179 15.4 11.8 17.6



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: 0.441 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

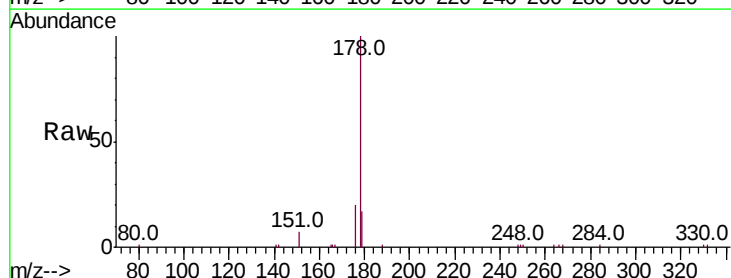
Tgt Ion:178 Resp: 6696

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

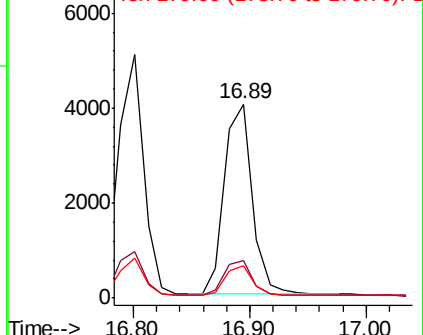
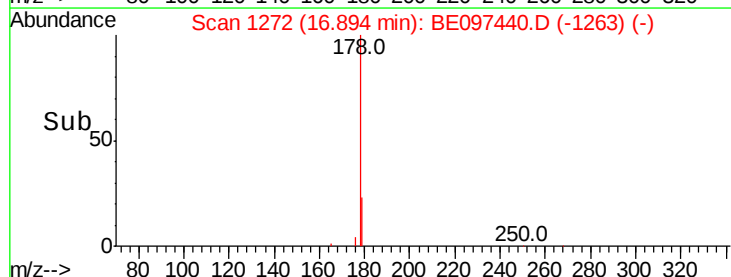
179 15.1 13.0 19.6

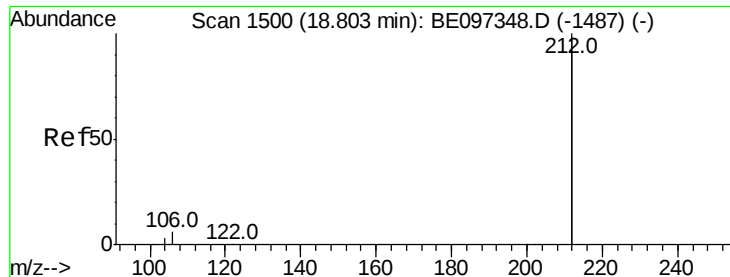


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

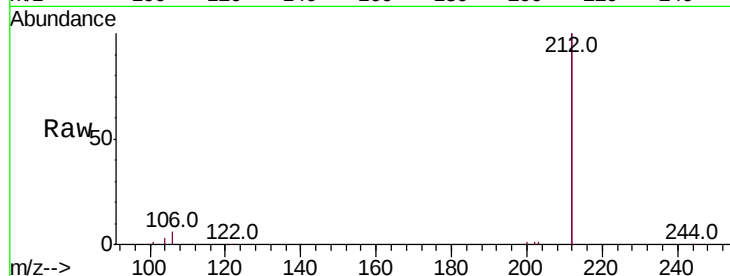
Tot Ion:212 Resp: 33812

Ion Ratio Lower Upper

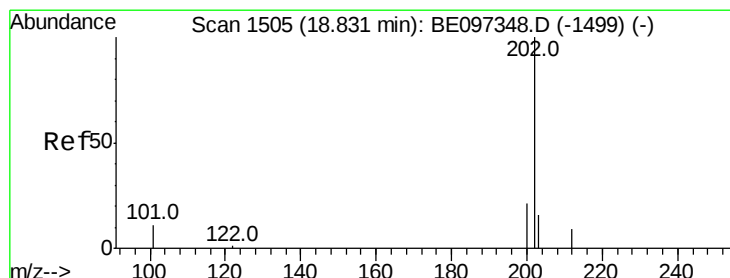
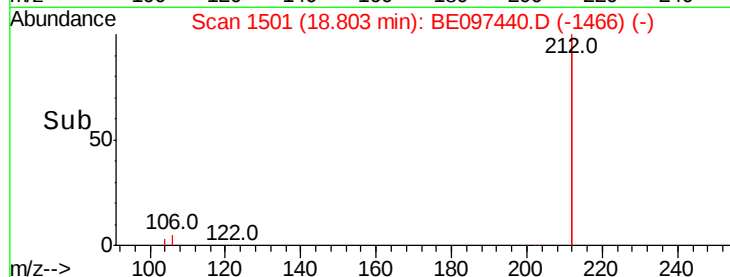
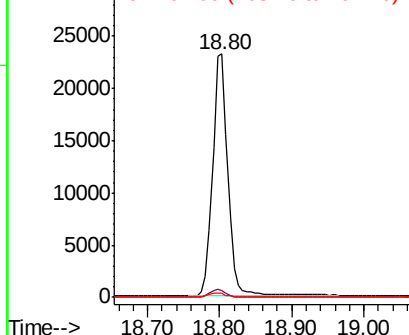
212 100

106 3.1 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: 0.390 ng

RT: 18.83 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

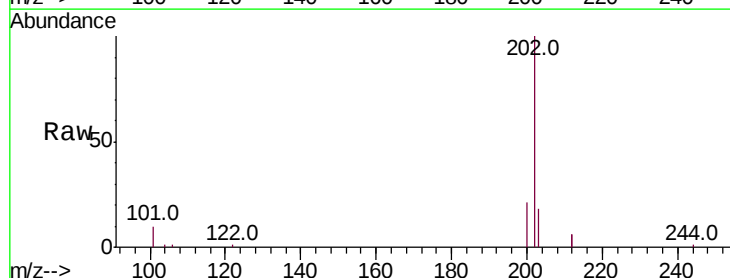
Tgt Ion:202 Resp: 8731

Ion Ratio Lower Upper

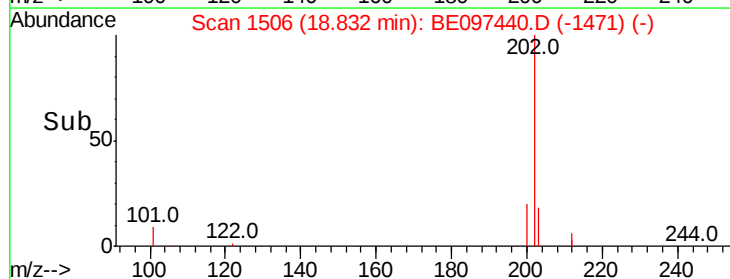
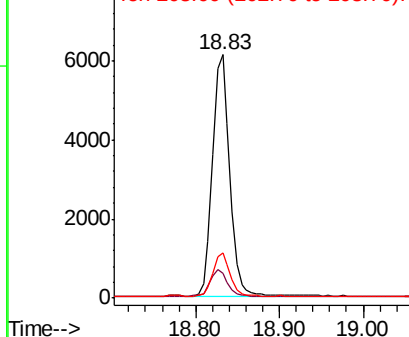
202 100

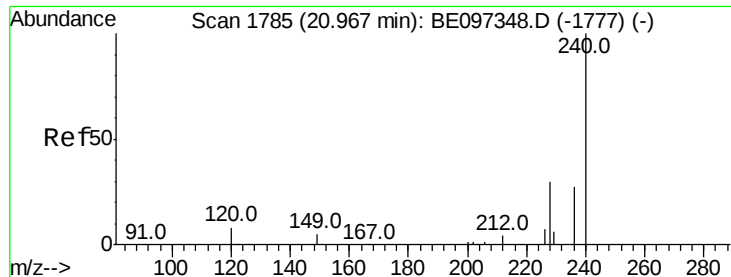
101 11.1 9.8 14.8

203 17.1 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# 1786

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

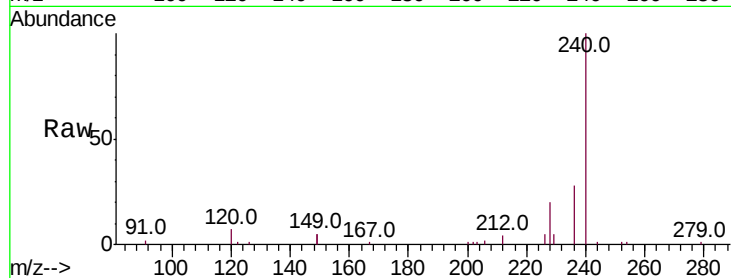
Tot Ion:240 Resp: 8110

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

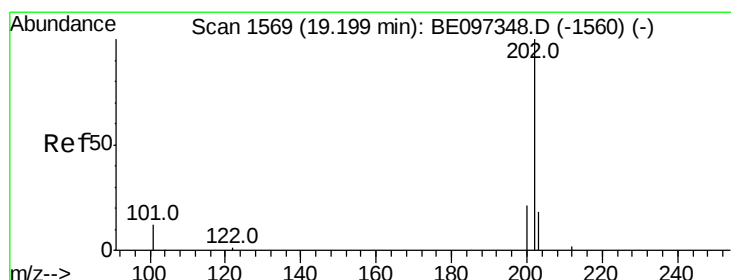
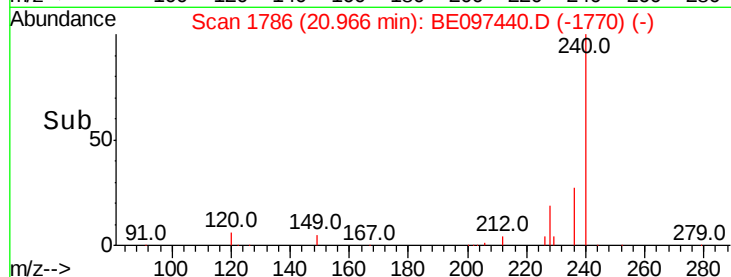
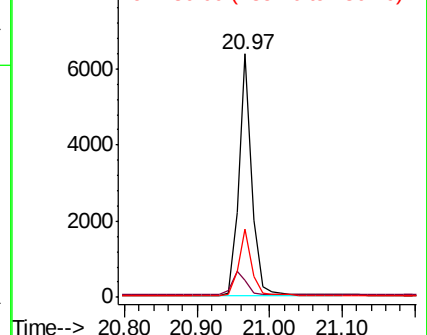
236 27.9 20.7 31.1



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: 0.472 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

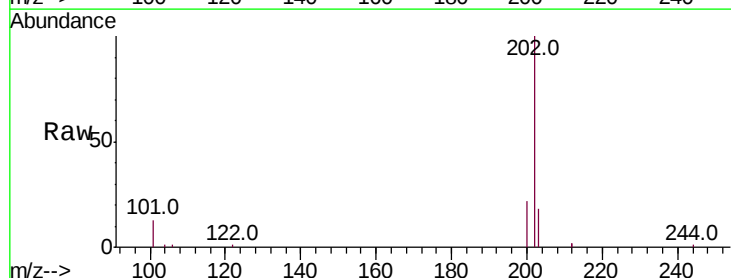
Tgt Ion:202 Resp: 9103

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

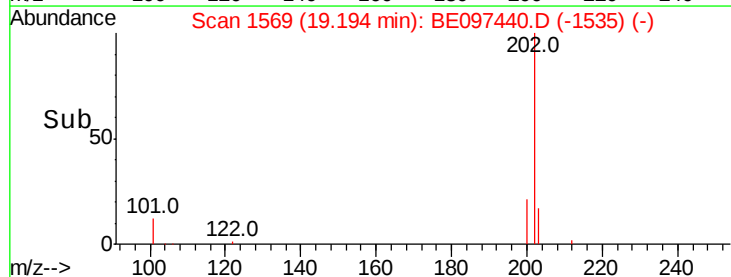
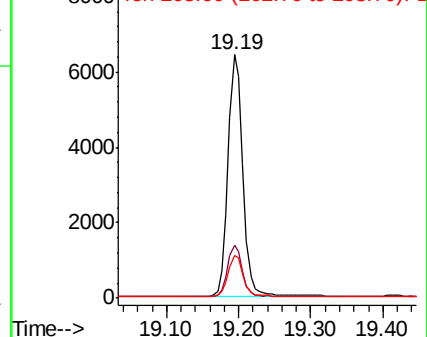
203 17.1 13.8 20.8

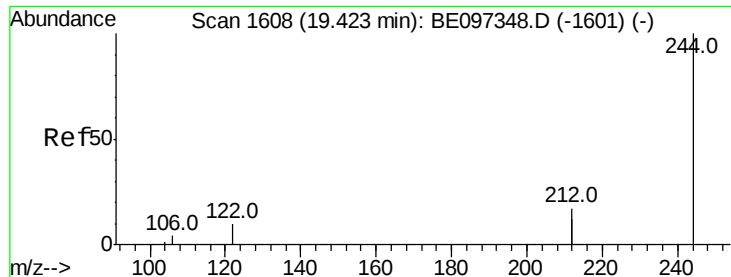


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.440 ng

RT: 19.42 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

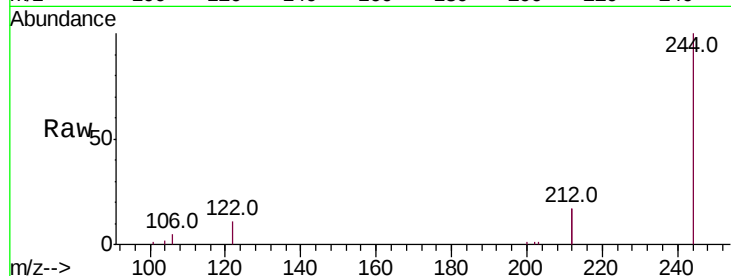
Tot Ion:244 Resp: 6590

Ion Ratio Lower Upper

244 100

212 33.0 25.4 38.0

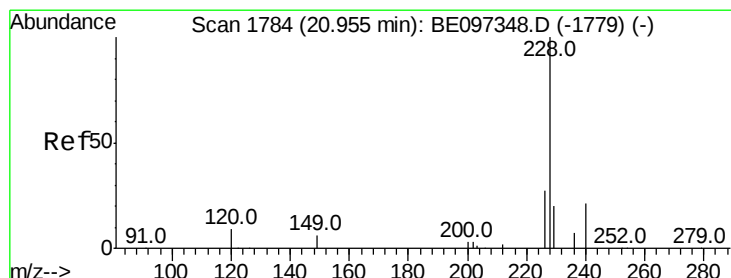
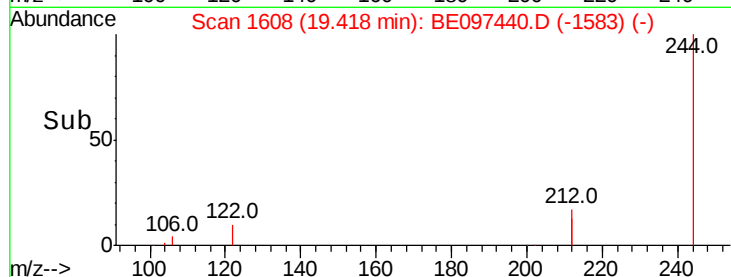
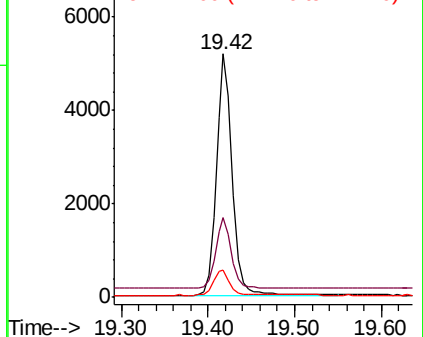
122 11.2 8.1 12.1



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: 0.437 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

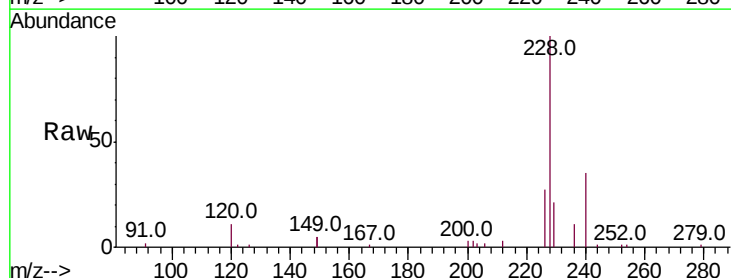
Tgt Ion:228 Resp: 8964

Ion Ratio Lower Upper

228 100

226 26.9 24.0 36.0

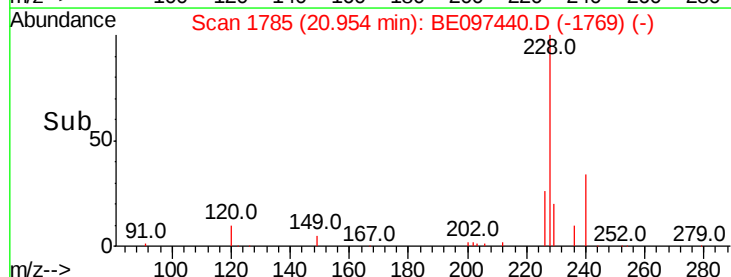
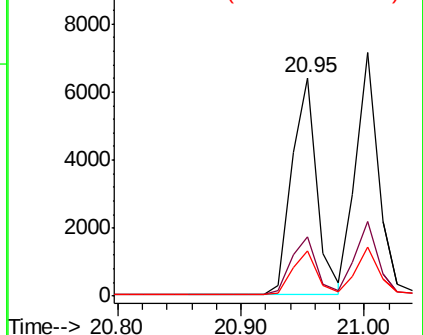
229 20.5 16.0 24.0

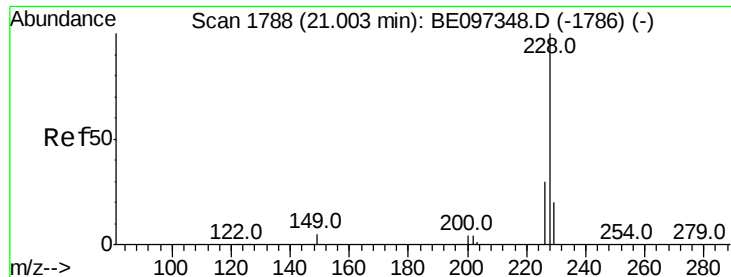


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

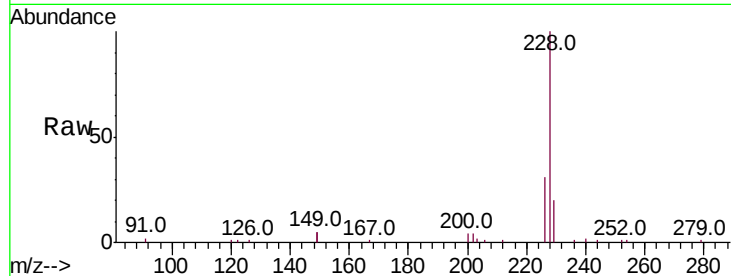
Tot Ion:228 Resp: 9084

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

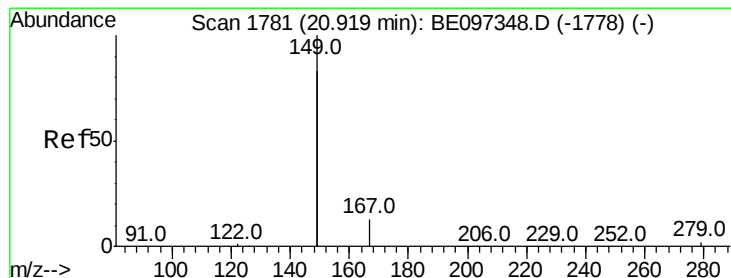
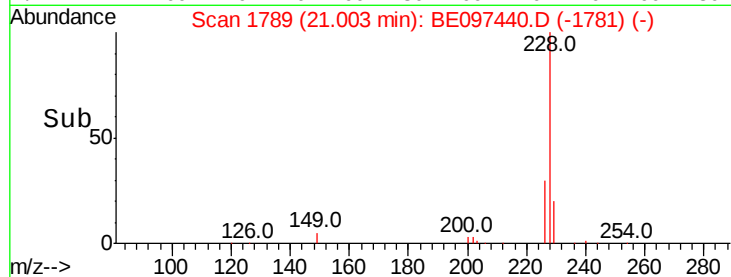
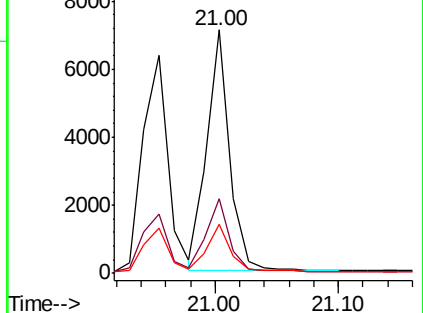
229 20.4 16.0 24.0



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: 0.621 ng

RT: 20.91 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

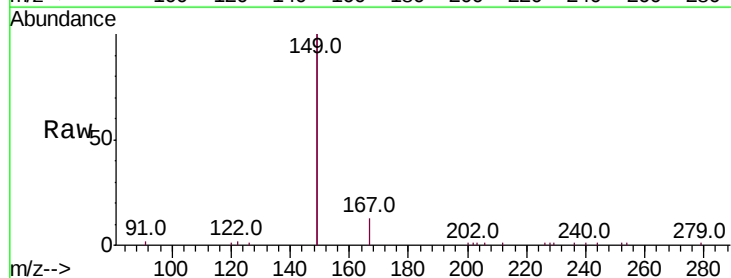
Tgt Ion:149 Resp: 15805

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

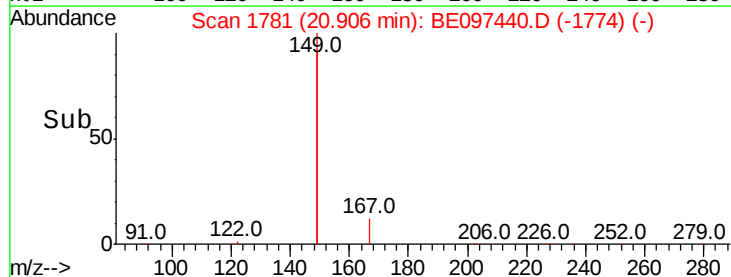
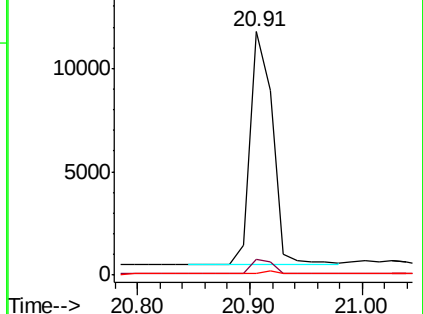
279 1.0 0.7 1.1

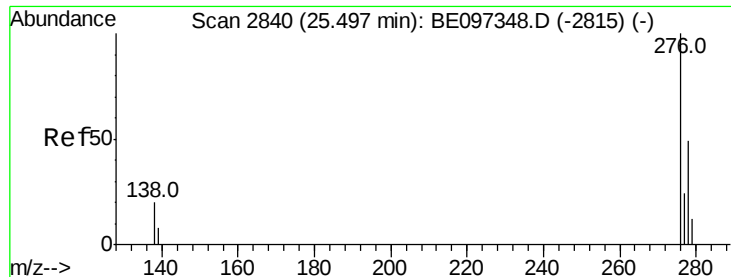


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.377 ng

RT: 25.49 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

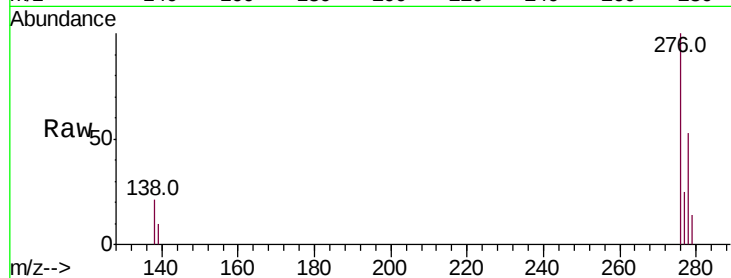
Tot Ion:276 Resp: 10569

Ion Ratio Lower Upper

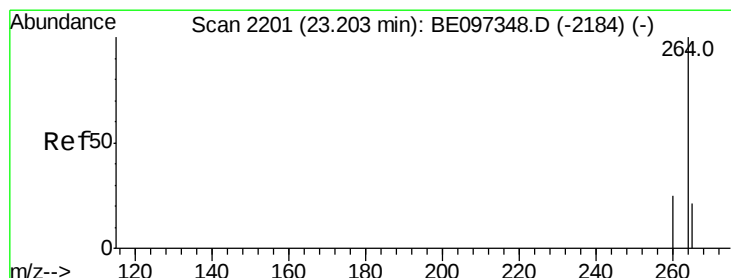
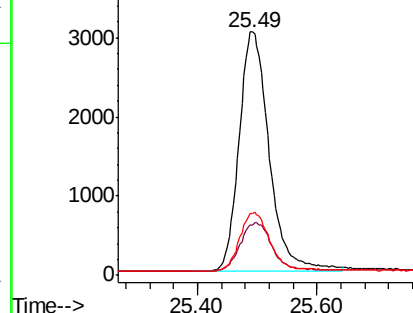
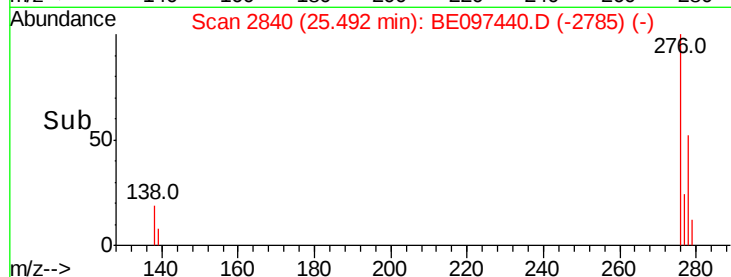
276 100

138 20.8 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: 23.20 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

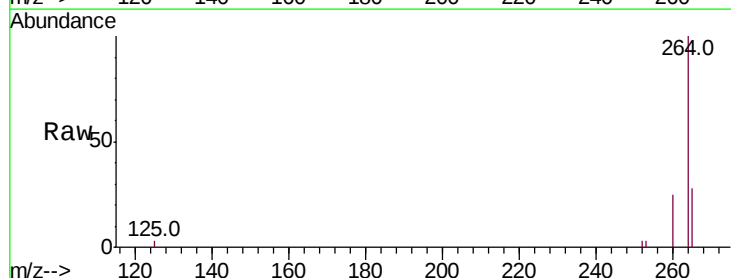
Tgt Ion:264 Resp: 8126

Ion Ratio Lower Upper

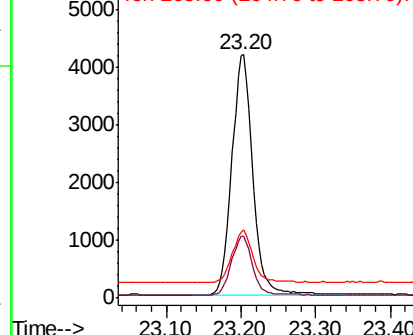
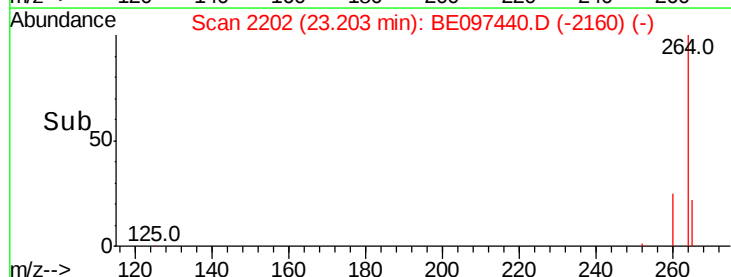
264 100

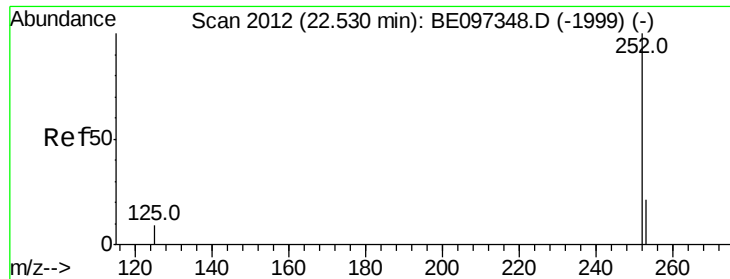
260 25.5 20.5 30.7

265 27.8 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: 0.389 ng

RT: 22.53 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

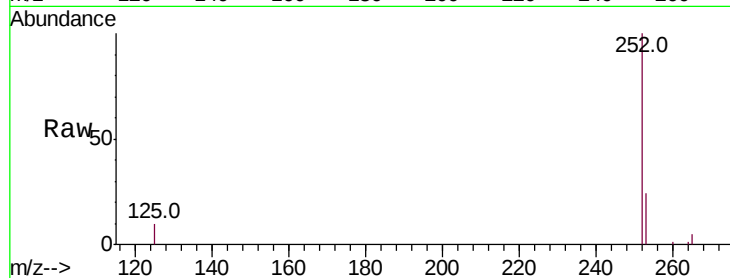
Tot Ion:252 Resp: 8463

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

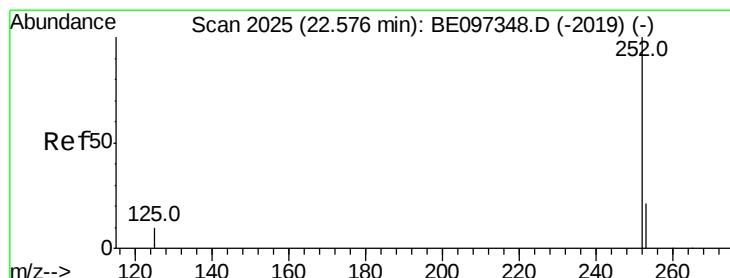
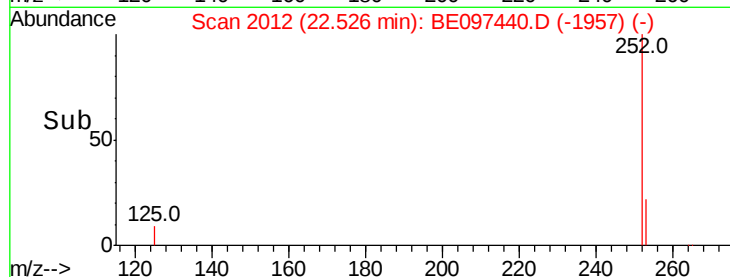
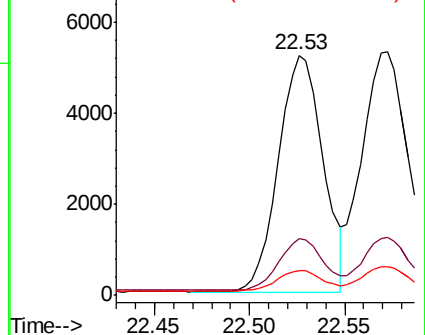
125 10.5 16.0 24.0#



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: 0.387 ng

RT: 22.57 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

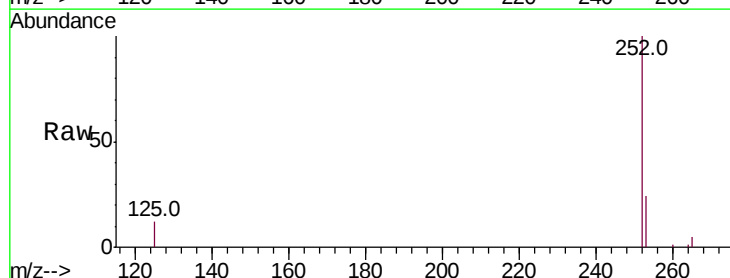
Tgt Ion:252 Resp: 9313

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

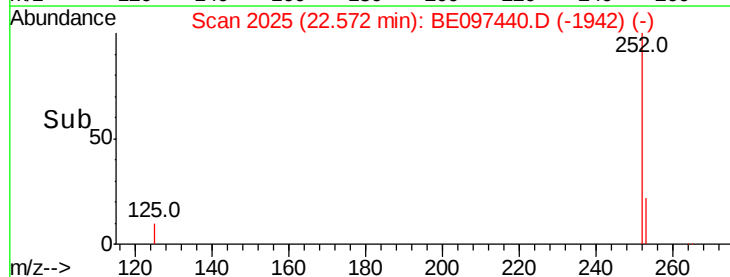
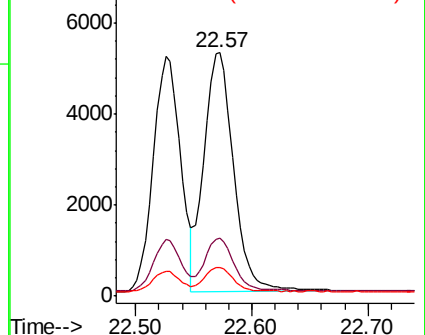
125 11.7 8.0 12.0

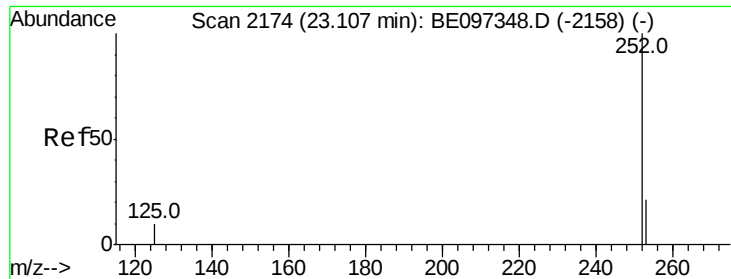


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.10 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

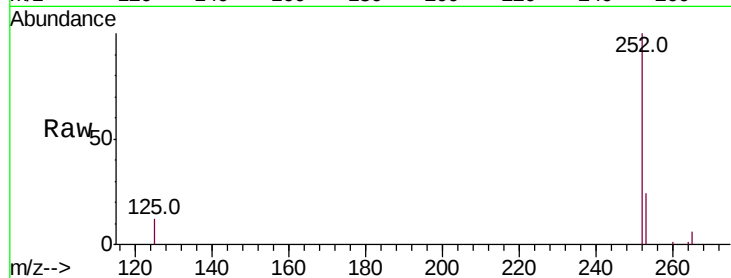
Tot Ion:252 Resp: 8335

Ion Ratio Lower Upper

252 100

253 24.2 16.0 24.0#

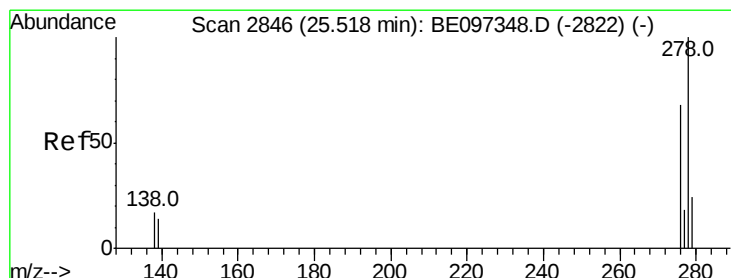
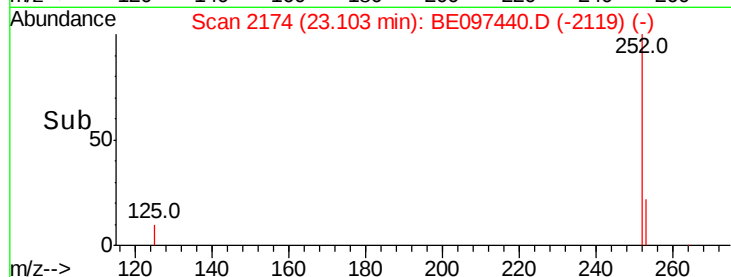
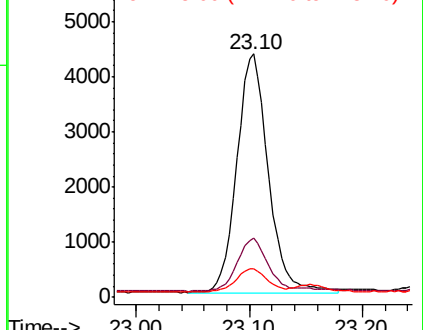
125 11.9 12.0 18.0#



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: 0.355 ng

RT: 25.51 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

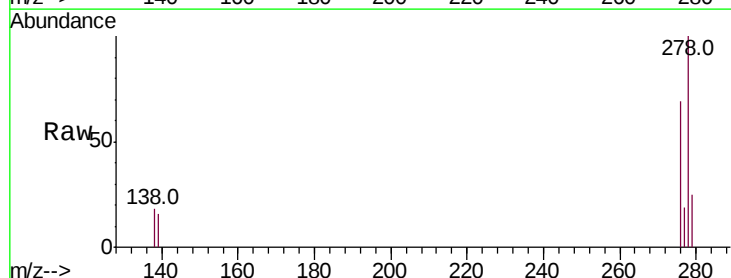
Tgt Ion:278 Resp: 8868

Ion Ratio Lower Upper

278 100

139 15.7 16.0 24.0#

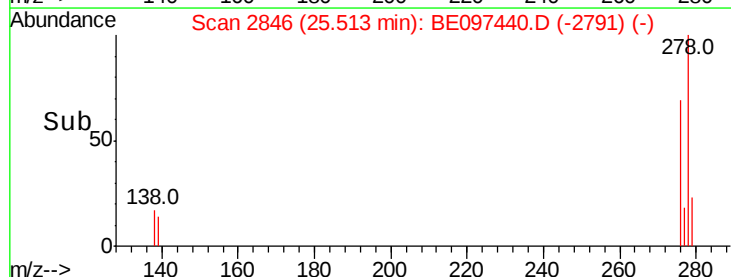
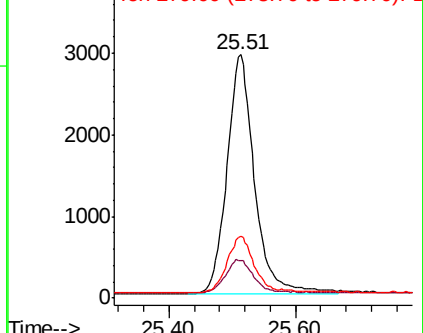
279 25.4 20.0 30.0

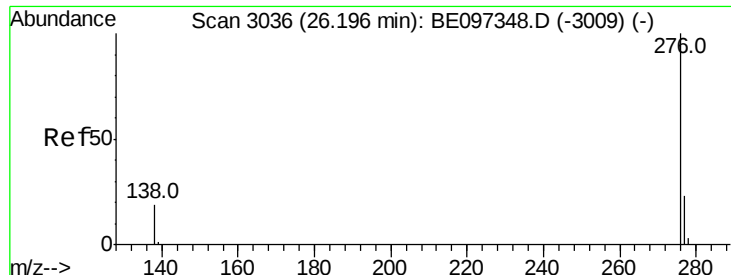


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.340 ng

RT: 26.19 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BE097440.D

Acq: 10 Sep 2018 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

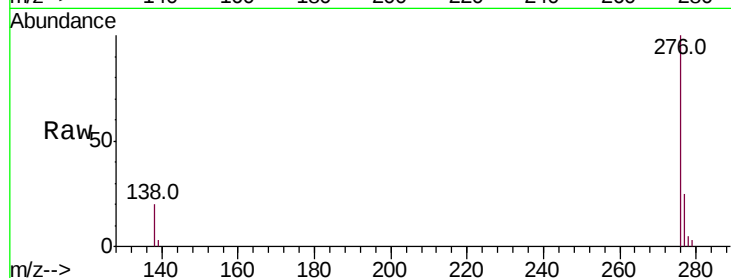
Tot Ion:276 Resp: 8815

Ion Ratio Lower Upper

276 100

277 25.3 16.0 24.0#

138 19.6 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

