

Data File : BE097669.D
Acq On : 25 Sep 2018 22:13
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 26 07:37:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	792	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3996	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2774	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	8430	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8909	0.40	ng	0.00
34) Perylene-d12	23.21	264	8845	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	818	0.39	ng	0.00
5) Phenol-d6	6.62	99	1008	0.34	ng	0.00
8) Nitrobenzene-d5	8.54	82	1010	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	2283	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	451	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3589	0.40	ng	0.00
25) Fluoranthene-d10	18.80	212	35024	0.38	ng	0.00
29) Terphenyl-d14	19.42	244	6767	0.39	ng	0.00

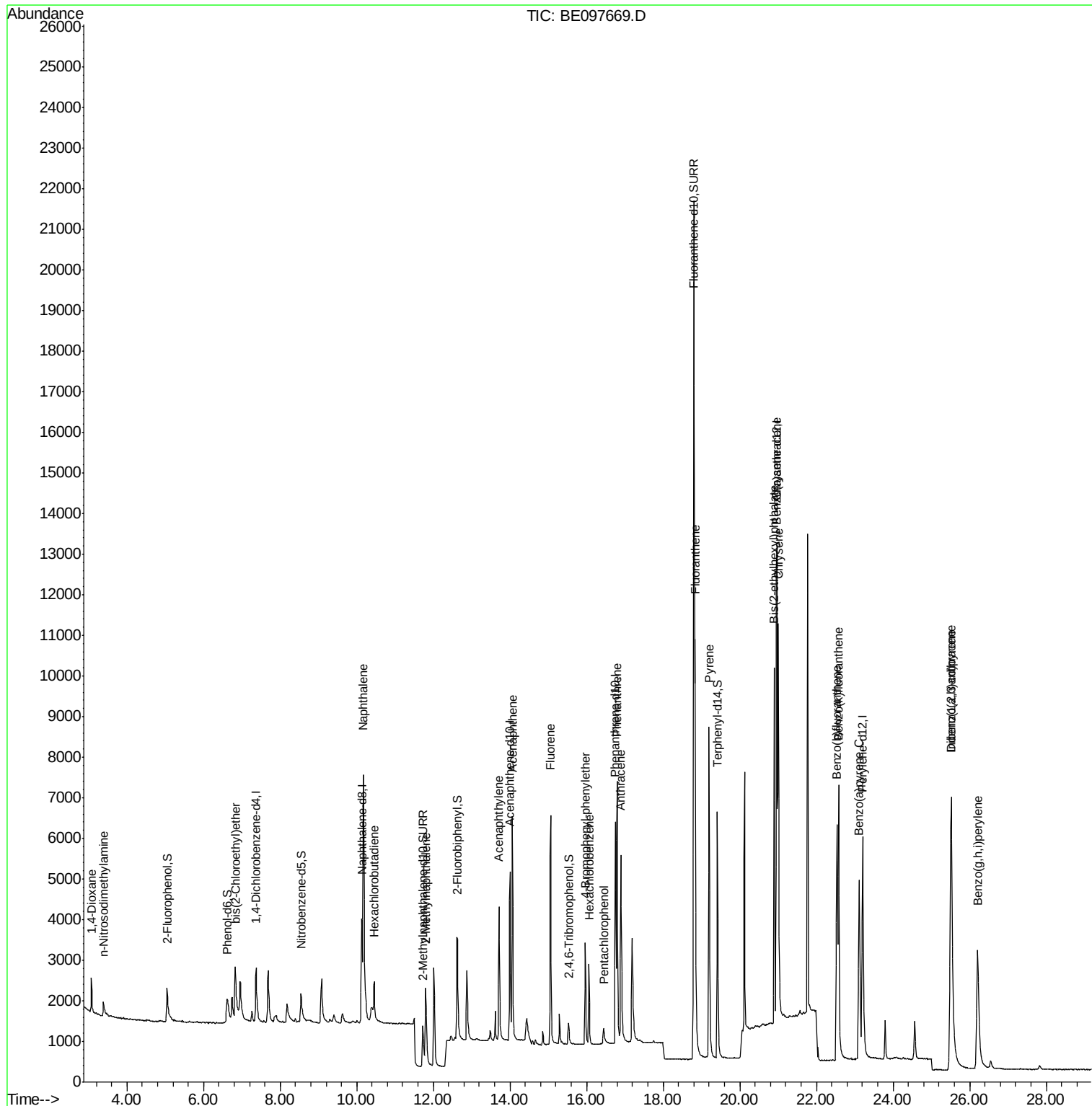
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	522	0.381	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	357	0.403	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	1095	0.443	ng	# 61
9) Naphthalene	10.17	128	14602	0.402	ng	99
10) Hexachlorobutadiene	10.46	225	645	0.390	ng	97
12) 2-Methylnaphthalene	11.80	142	2350	0.409	ng	98
16) Acenaphthylene	13.71	152	4230	0.379	ng	100
17) Acenaphthene	14.06	154	2877	0.395	ng	95
18) Fluorene	15.06	166	3964	0.387	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1498	0.401	ng	90
21) Hexachlorobenzene	16.07	284	1723	0.400	ng	# 83
22) Pentachlorophenol	16.45	266	368	0.441	ng	85
23) Phenanthrene	16.80	178	7805	0.391	ng	99
24) Anthracene	16.89	178	6452	0.389	ng	95
26) Fluoranthene	18.83	202	9231	0.386	ng	99
28) Pyrene	19.20	202	9356	0.402	ng	100
30) Benzo(a)anthracene	20.95	228	8034	0.382	ng	97
31) Chrysene	21.00	228	9968	0.405	ng	100
32) Bis(2-ethylhexyl)phthalate	20.89	149	10606	0.441	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.51	276	11328	0.436	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	8379	0.371	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	10641	0.398	ng	94
37) Benzo(a)pyrene	23.11	252	8758	0.392	ng	95
38) Dibenzo(a,h)anthracene	25.52	278	9174	0.391	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	8869	0.380	ng	# 90

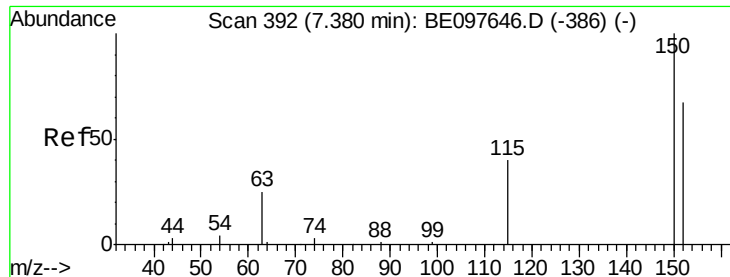
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

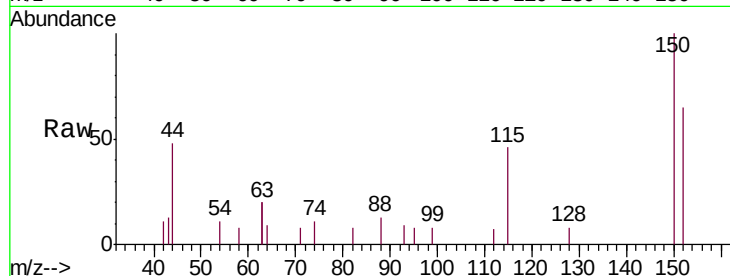
Tgt Ion: 152 Resp: 792

Ion Ratio Lower Upper

152 100

150 152.7 117.2 175.8

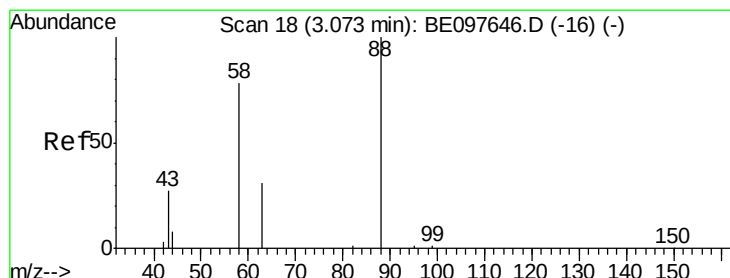
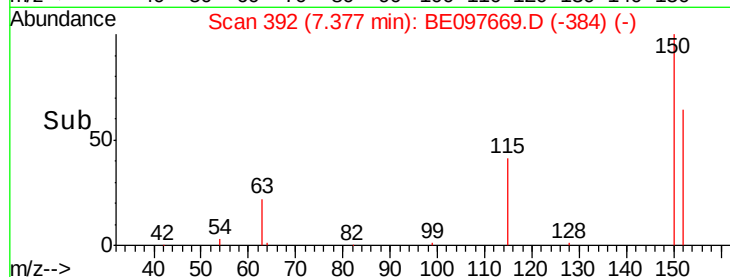
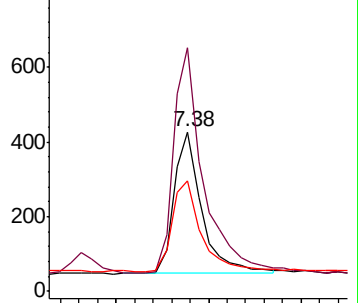
115 69.6 57.0 85.6



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: 0.381 ng

RT: 3.07 min Scan# 18

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

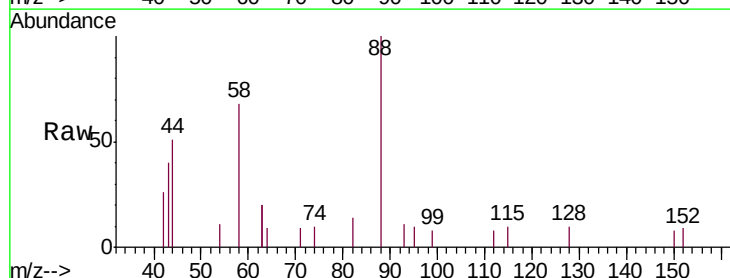
Tgt Ion: 88 Resp: 522

Ion Ratio Lower Upper

88 100

58 83.0 63.2 94.8

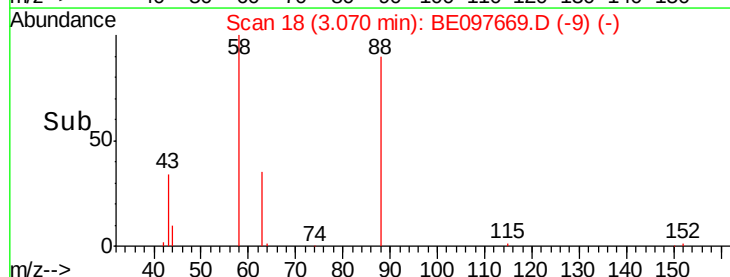
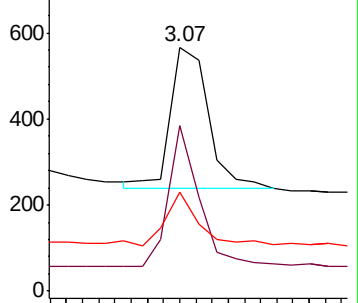
43 32.6 41.2 61.8#

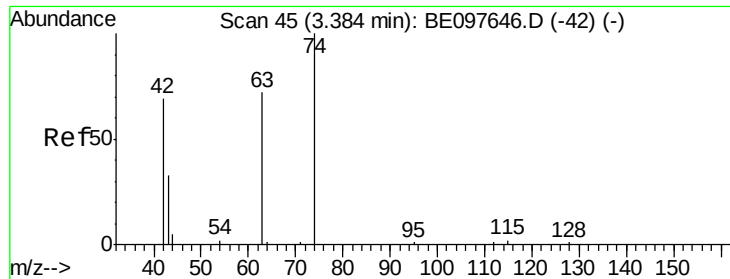


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.403 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

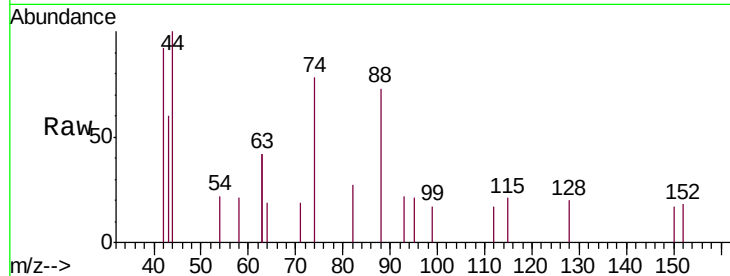
Tgt Ion: 42 Resp: 357

Ion Ratio Lower Upper

42 100

74 130.0 96.0 144.0

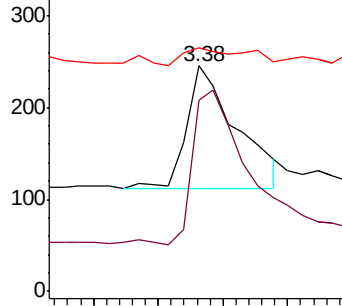
44 18.2 12.0 18.0#



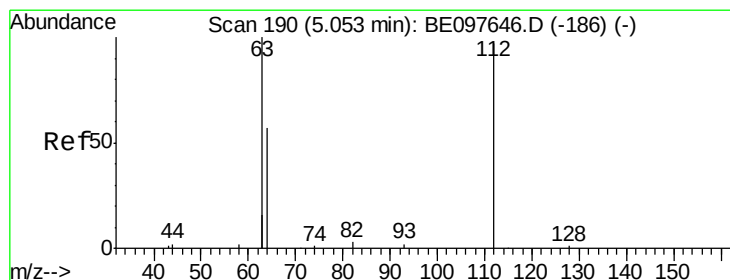
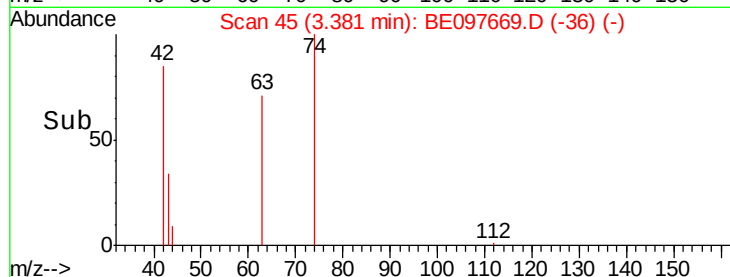
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.392 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

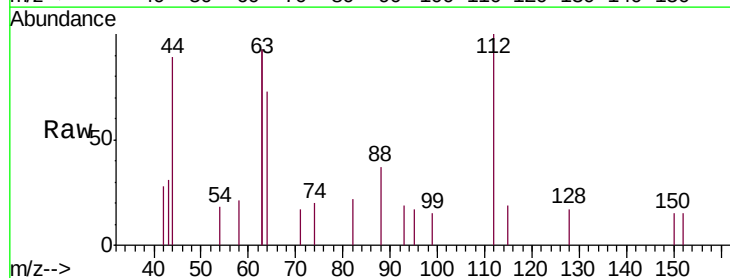
Tgt Ion: 112 Resp: 818

Ion Ratio Lower Upper

112 100

64 69.9 60.1 90.1

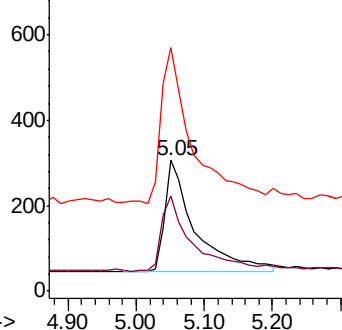
63 142.9 116.8 175.2



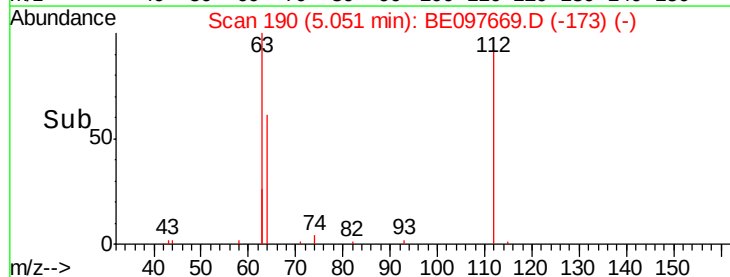
Abundance Ion 112.00 (111.70 to 112.70): E

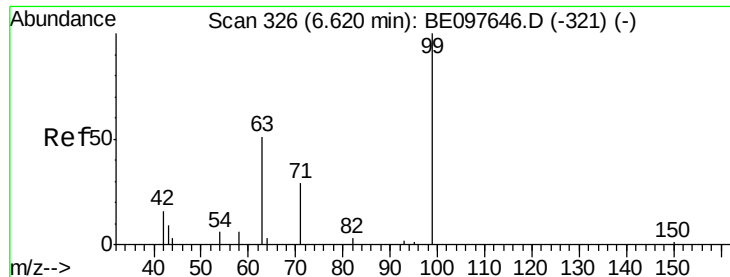
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.342 ng

RT: 6.62 min Scan# 326

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

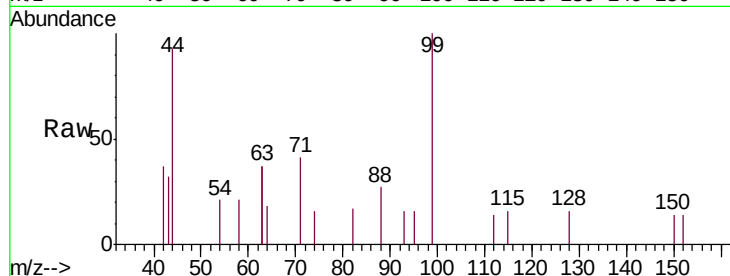
Tgt Ion: 99 Resp: 1008

Ion Ratio Lower Upper

99 100

42 21.4 20.2 30.2

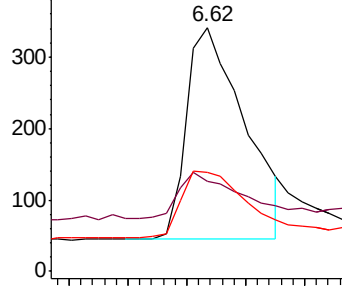
71 34.1 28.4 42.6



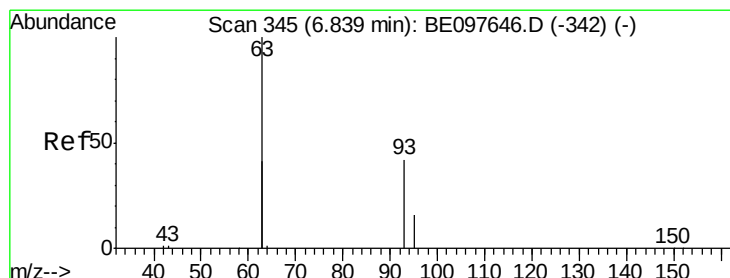
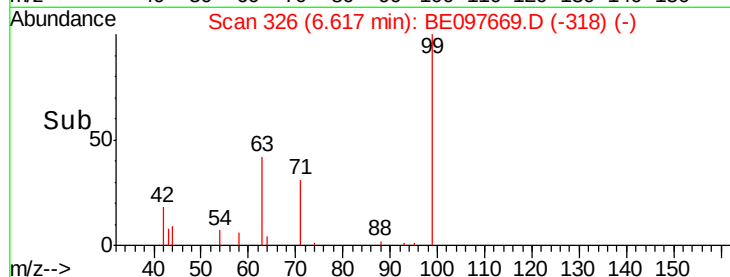
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.443 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

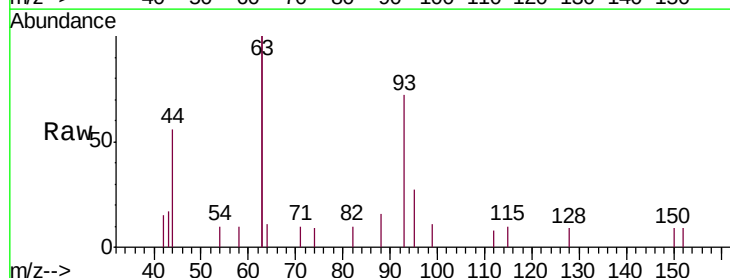
Tgt Ion: 93 Resp: 1095

Ion Ratio Lower Upper

93 100

63 253.9 275.3 412.9#

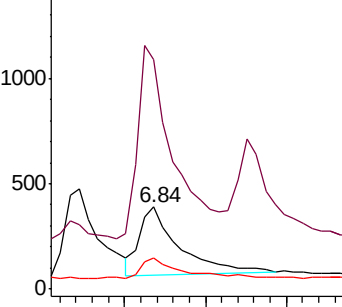
95 30.6 25.2 37.8



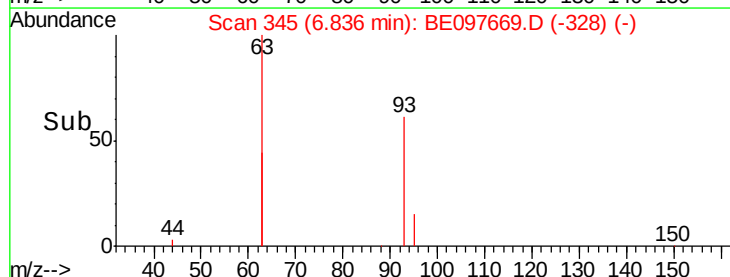
Abundance Ion 93.00 (92.70 to 93.70): BE0

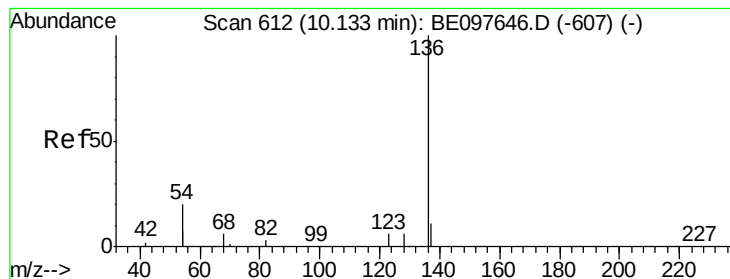
Ion 63.00 (62.70 to 63.70): BE0

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. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 3996

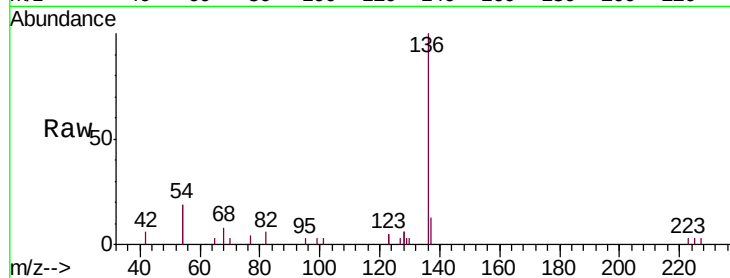
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 37.8 29.1 43.7

68 8.2 6.2 9.2

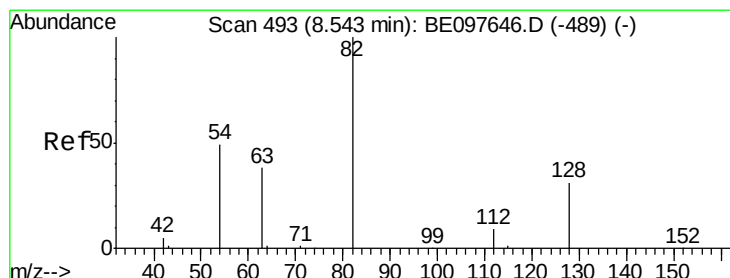
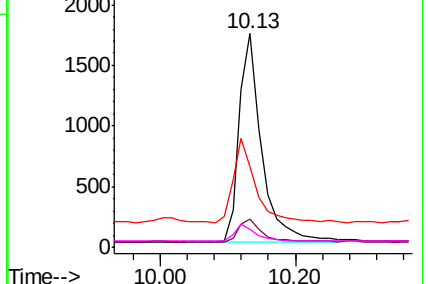
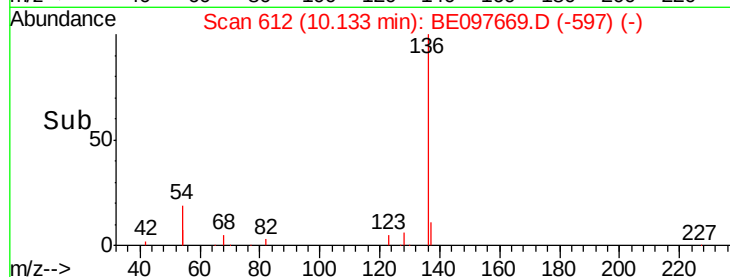


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.412 ng

RT: 8.54 min Scan# 493

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

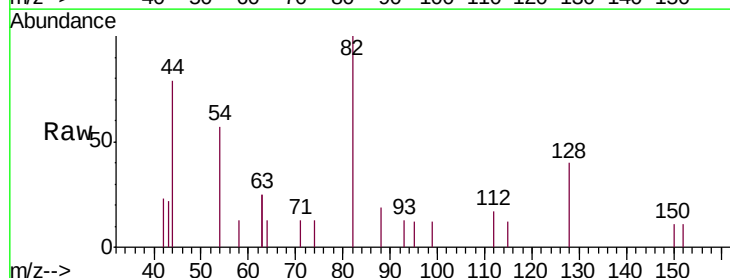
Tgt Ion: 82 Resp: 1010

Ion Ratio Lower Upper

82 100

128 39.9 24.0 36.0#

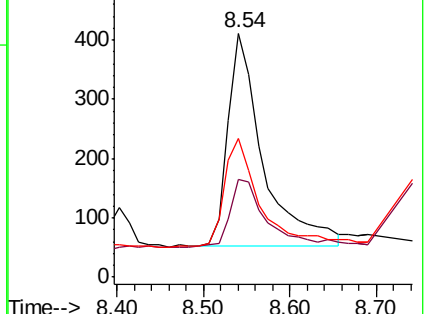
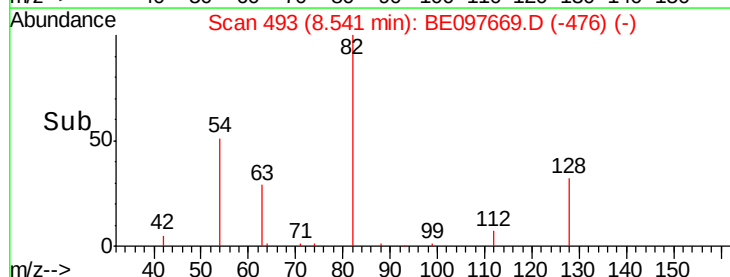
54 56.9 40.0 60.0

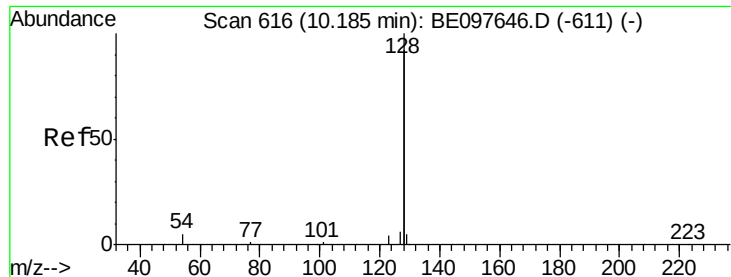


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.402 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.01 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

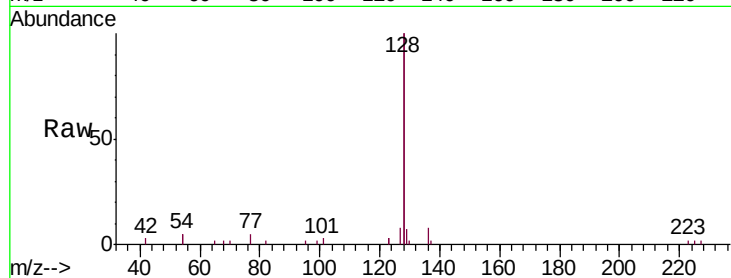
Tgt Ion:128 Resp: 14602

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

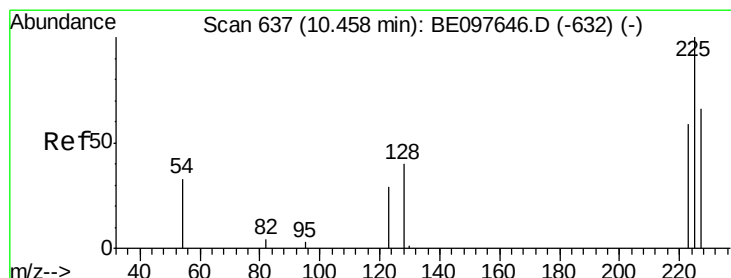
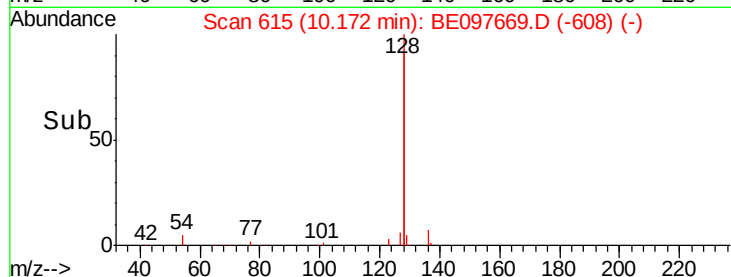
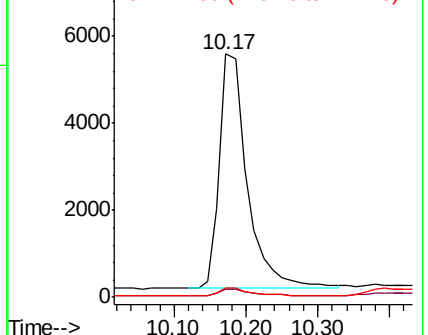
127 4.0 2.8 4.2



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: 0.390 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

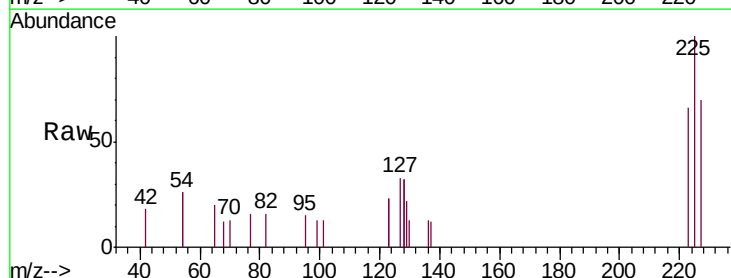
Tgt Ion:225 Resp: 645

Ion Ratio Lower Upper

225 100

223 61.6 53.0 79.6

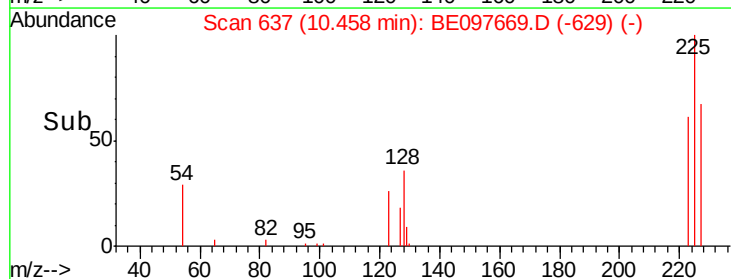
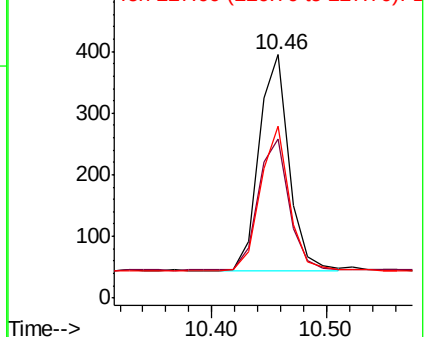
227 64.3 51.4 77.2

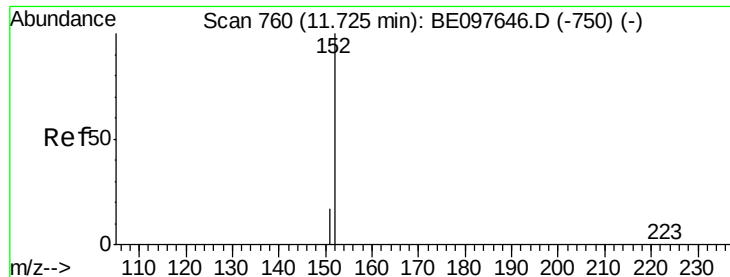


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

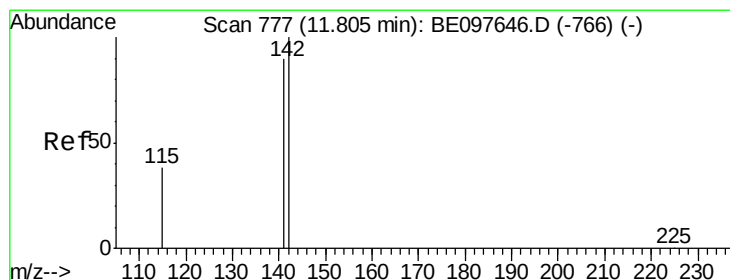
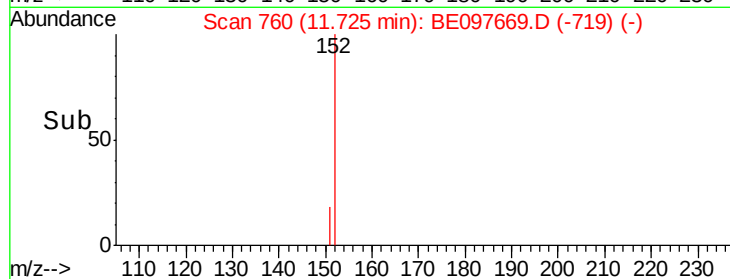
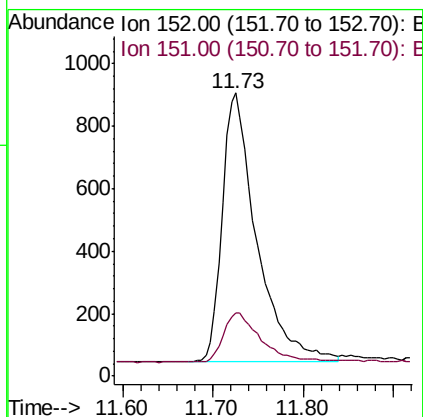
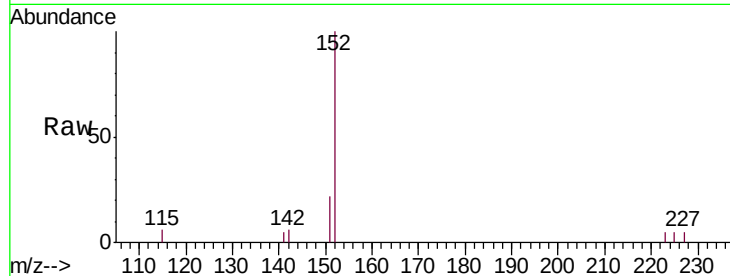




#11
 2-Methylnaphthalene-d10
 Concen: 0.386 ng
 RT: 11.73 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BE097669.D
 Acq: 25 Sep 2018 22:13

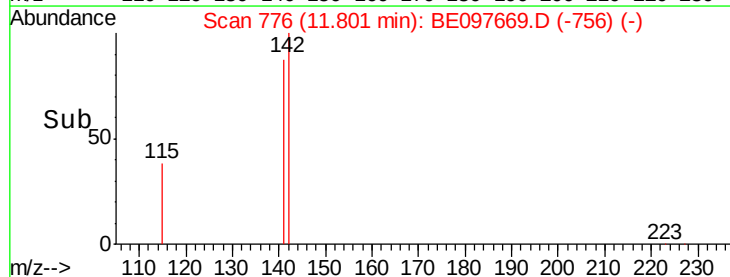
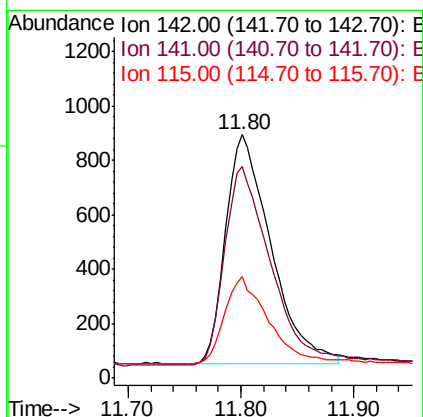
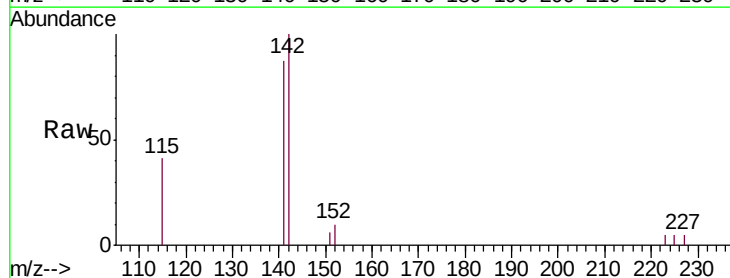
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

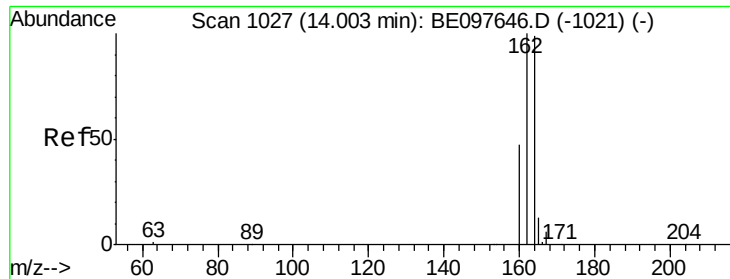
Tgt Ion:152 Resp: 2283
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.409 ng
 RT: 11.80 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BE097669.D
 Acq: 25 Sep 2018 22:13

Tgt Ion:142 Resp: 2350
 Ion Ratio Lower Upper
 142 100
 141 86.8 70.4 105.6
 115 41.5 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

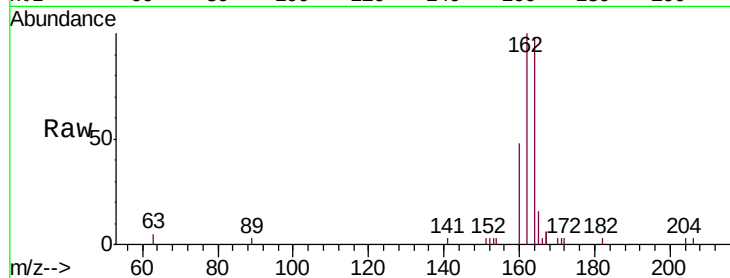
Tgt Ion:164 Resp: 2774

Ion Ratio Lower Upper

164 100

162 101.6 83.1 124.7

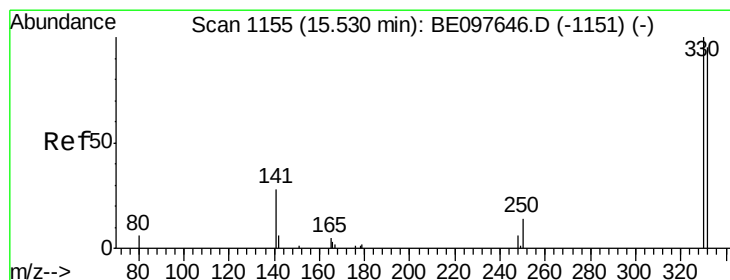
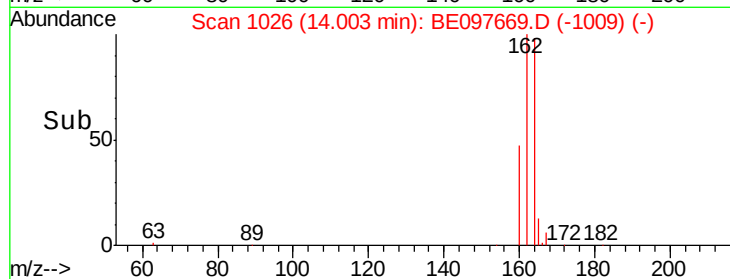
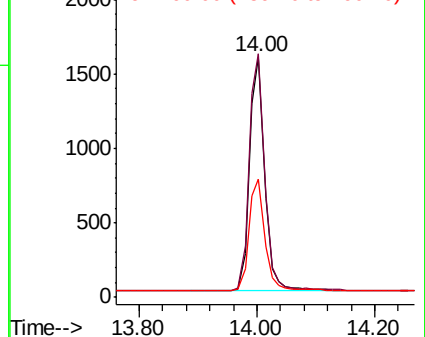
160 49.1 37.1 55.7



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: 0.405 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

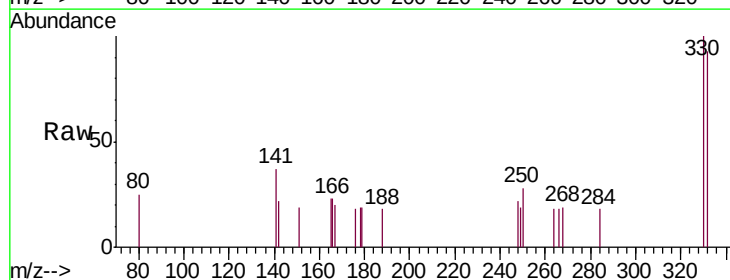
Tgt Ion:330 Resp: 451

Ion Ratio Lower Upper

330 100

332 96.2 152.7 229.1#

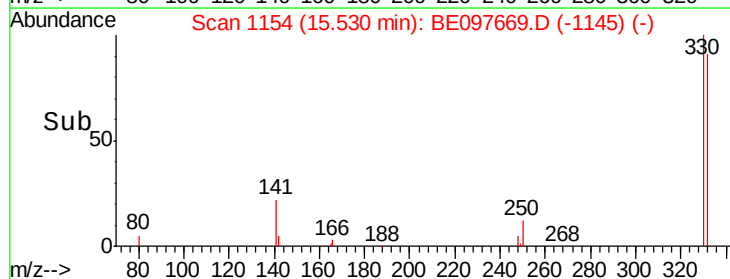
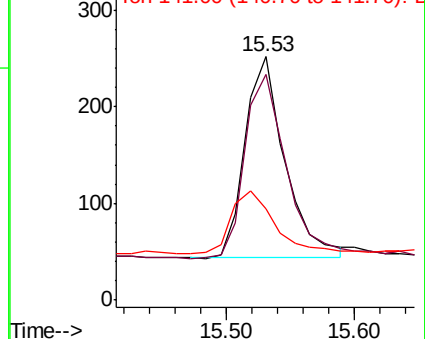
141 33.9 33.7 50.5

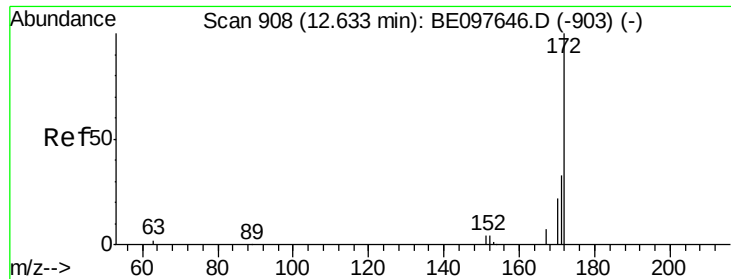


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

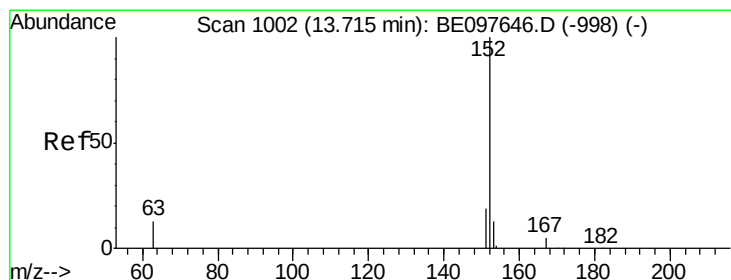
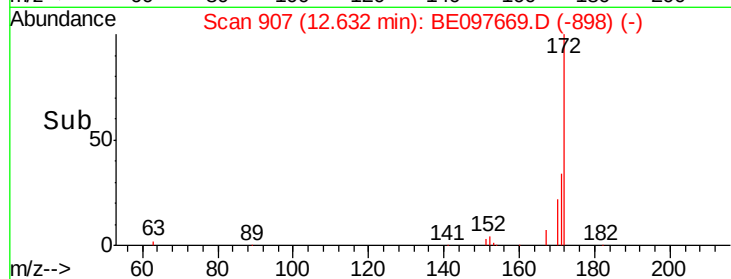
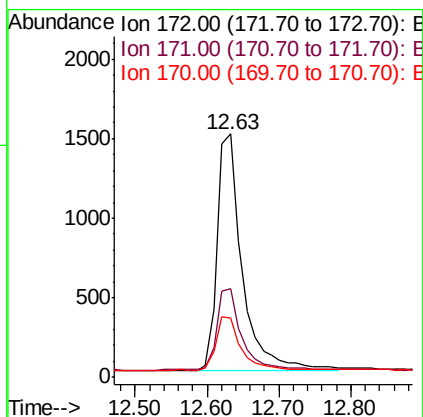
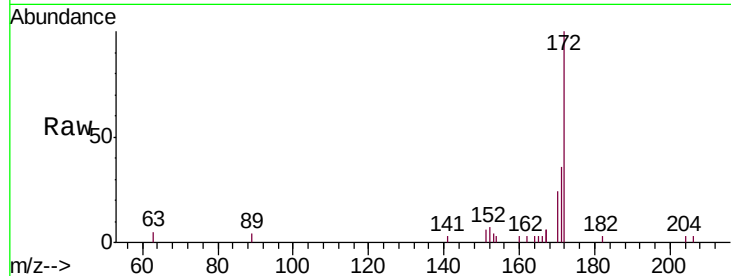




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

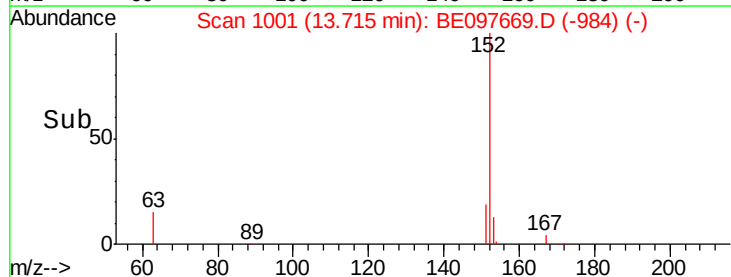
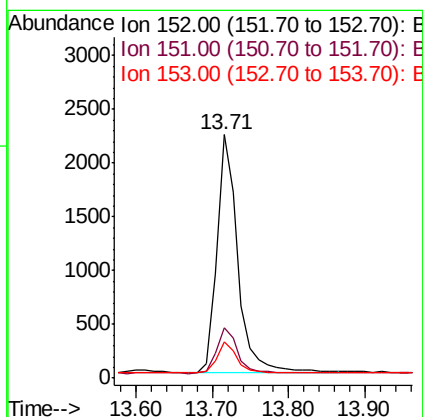
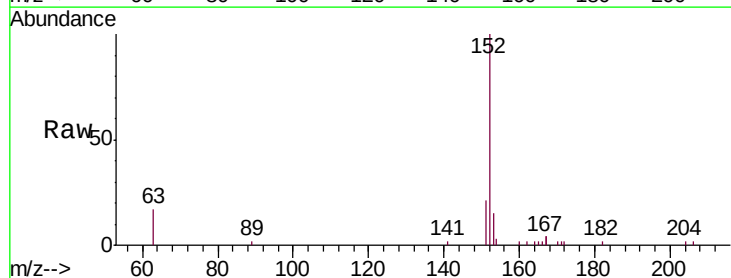
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

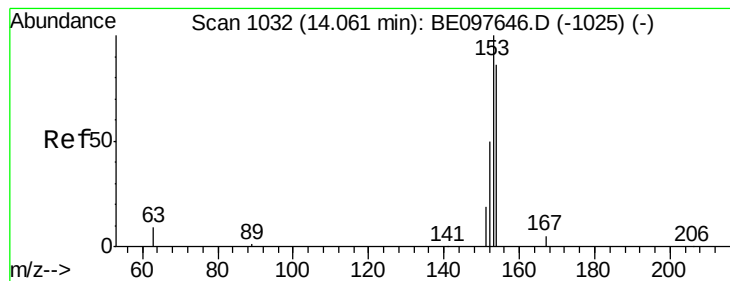
Tgt Ion:172 Resp: 3589
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 24.3 21.8 32.8



#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:152 Resp: 4230
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.395 ng

RT: 14.06 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

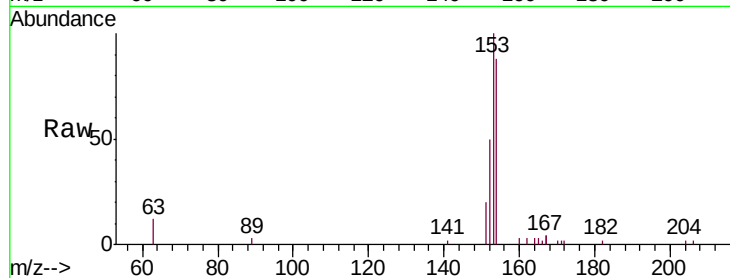
Tgt Ion:154 Resp: 2877

Ion Ratio Lower Upper

154 100

153 116.1 89.2 133.8

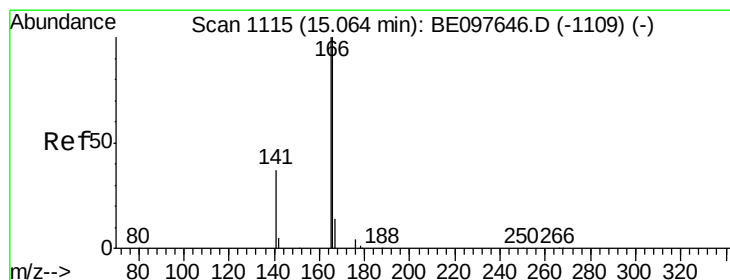
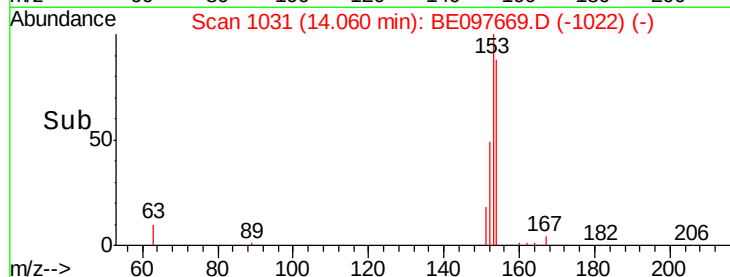
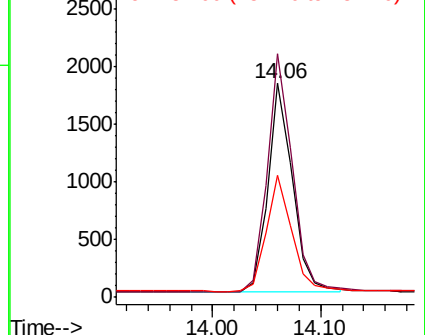
152 57.3 42.0 63.0



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: 0.387 ng

RT: 15.06 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

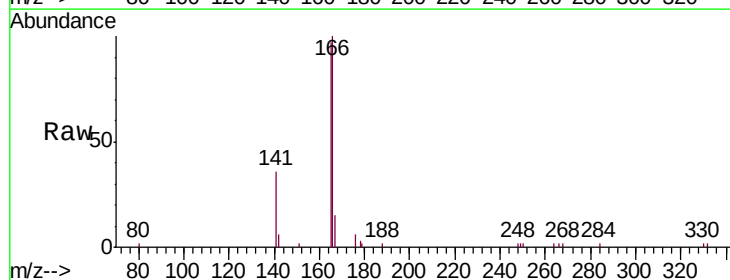
Tgt Ion:166 Resp: 3964

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.6

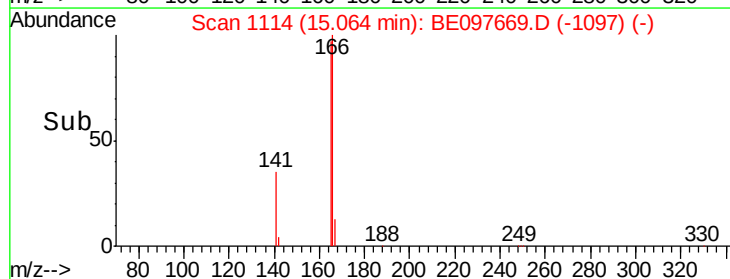
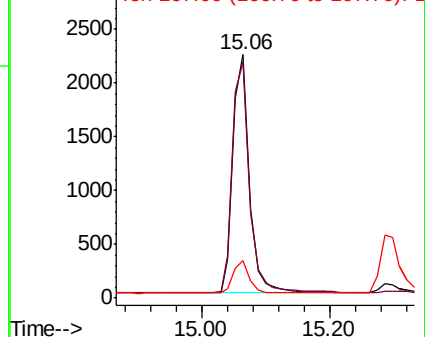
167 13.5 42.4 63.6#

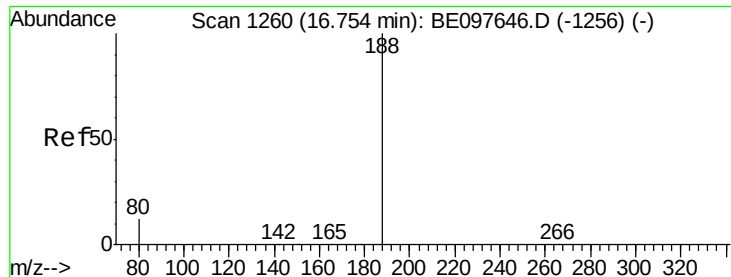


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1259

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

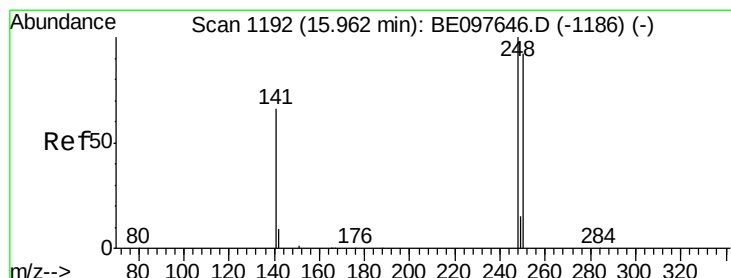
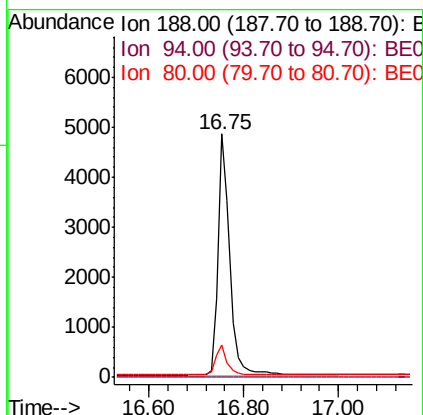
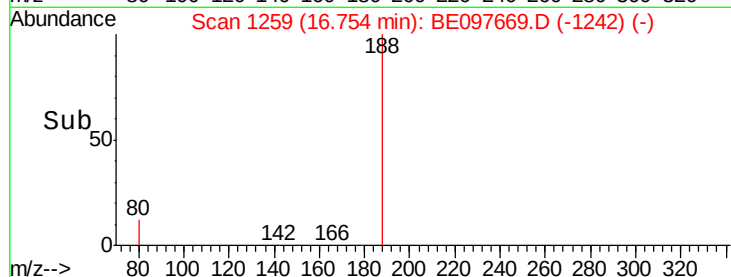
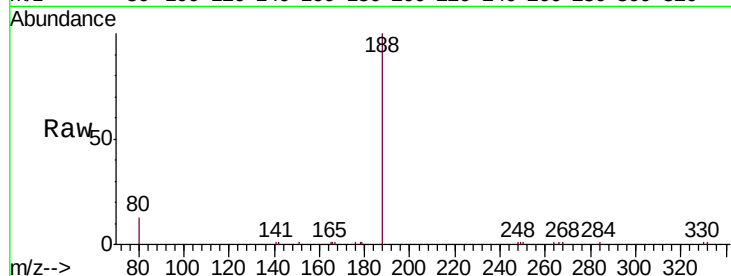
Tgt Ion:188 Resp: 8430

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.4 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.401 ng

RT: 15.96 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

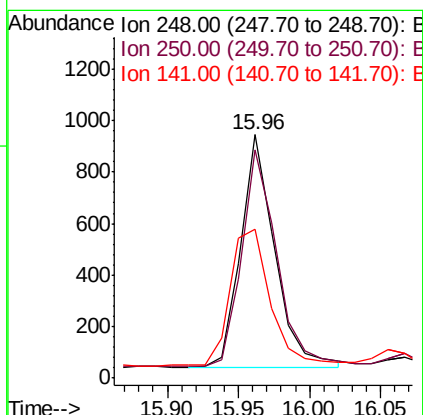
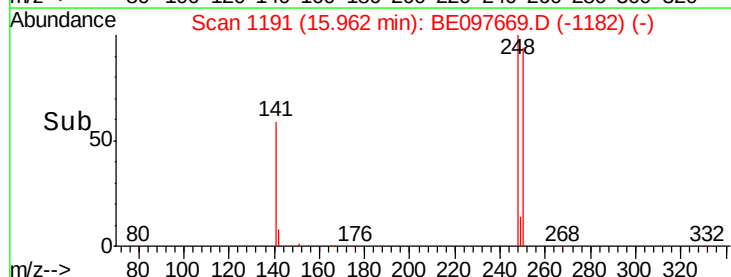
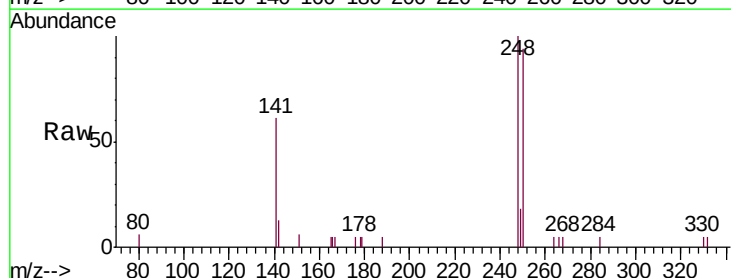
Tgt Ion:248 Resp: 1498

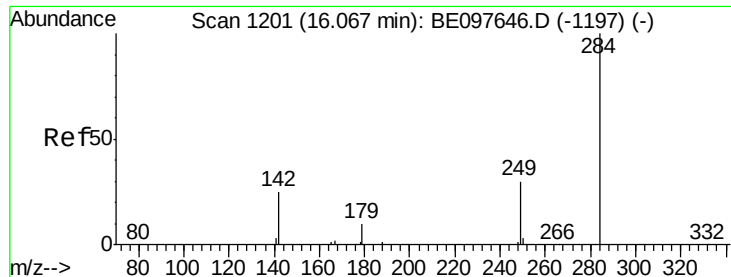
Ion Ratio Lower Upper

248 100

250 93.8 62.7 94.1

141 61.1 48.2 72.2

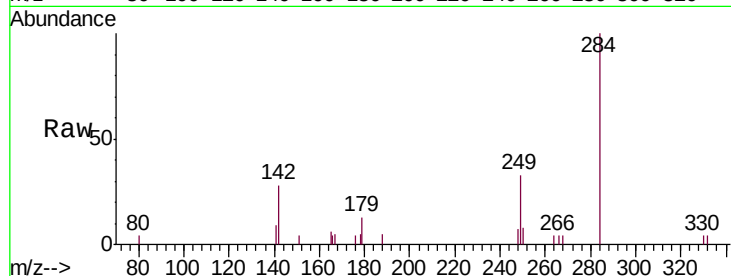




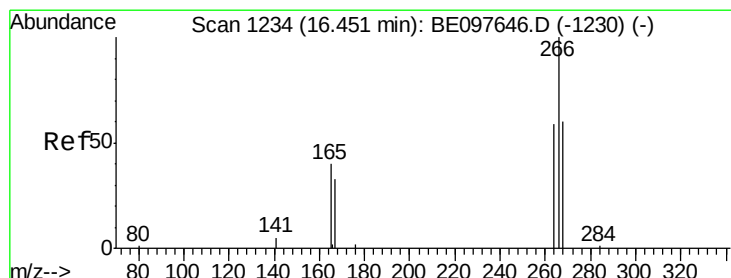
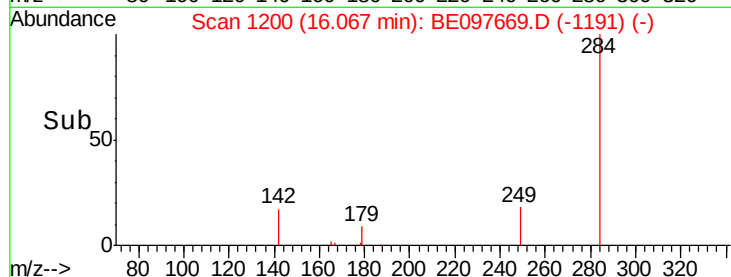
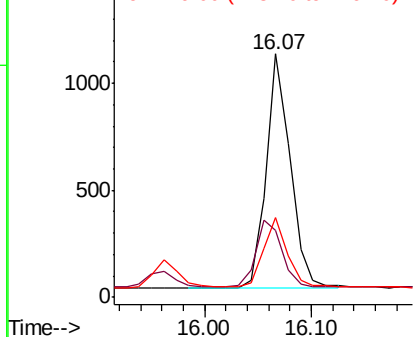
#21
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 1723
Ion Ratio Lower Upper
284 100
142 31.3 22.1 33.1
249 29.0 34.8 52.2#

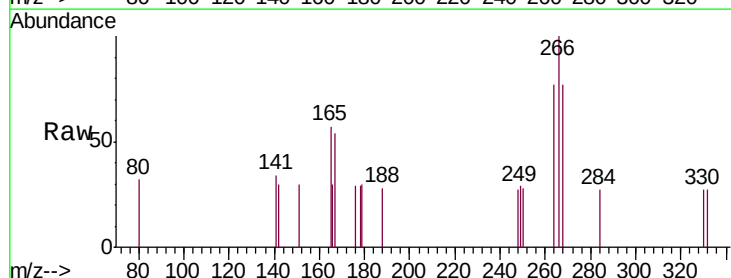


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

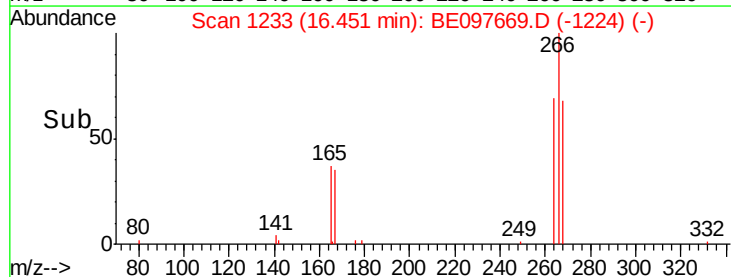
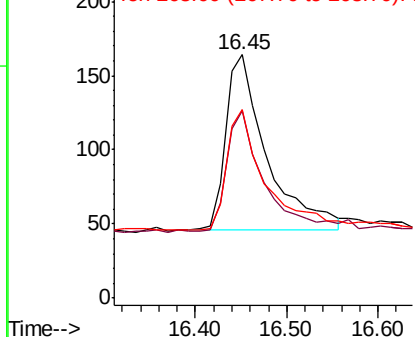


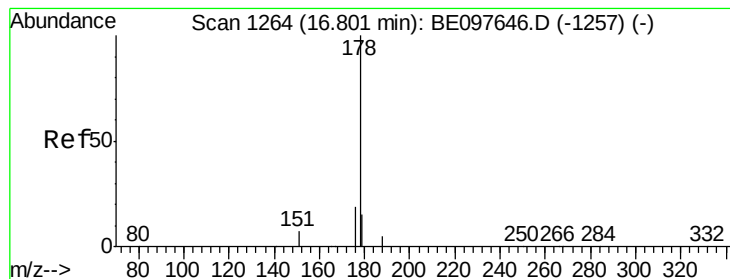
#22
Pentachlorophenol
Concen: 0.441 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion: 266 Resp: 368
Ion Ratio Lower Upper
266 100
264 76.8 72.5 108.7
268 77.4 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: 0.391 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

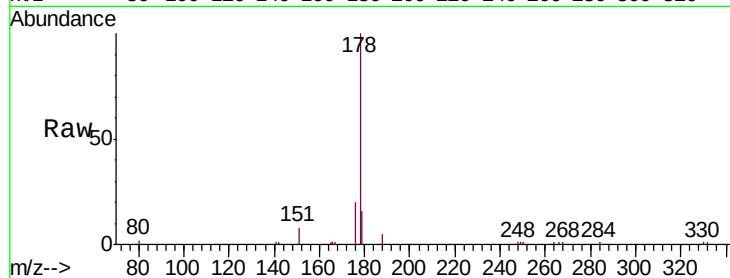
Tgt Ion:178 Resp: 7805

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

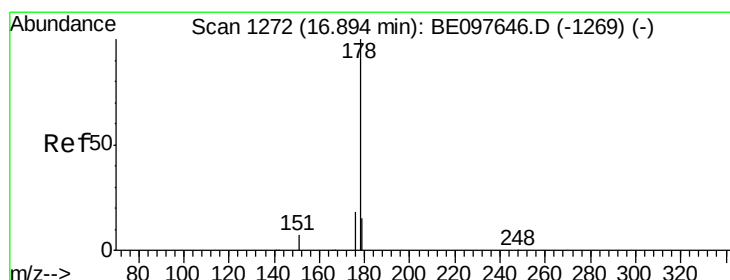
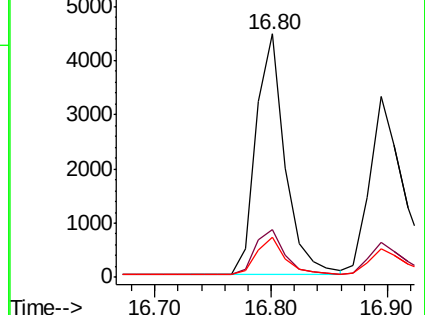
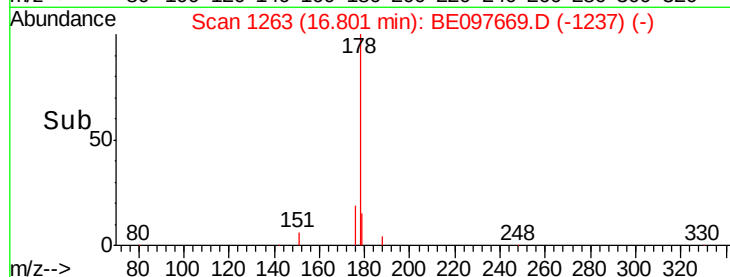
179 15.3 11.8 17.6



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: 0.389 ng

RT: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

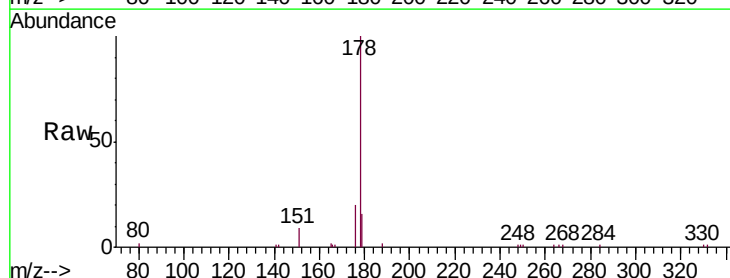
Tgt Ion:178 Resp: 6452

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

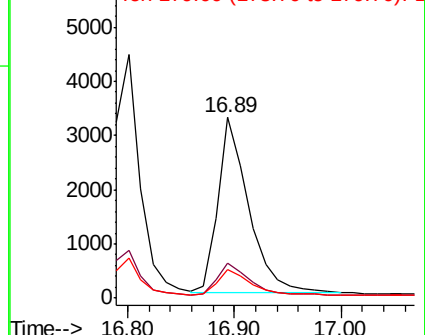
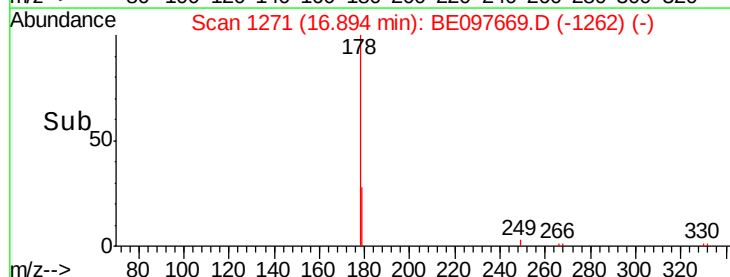
179 14.9 13.0 19.6

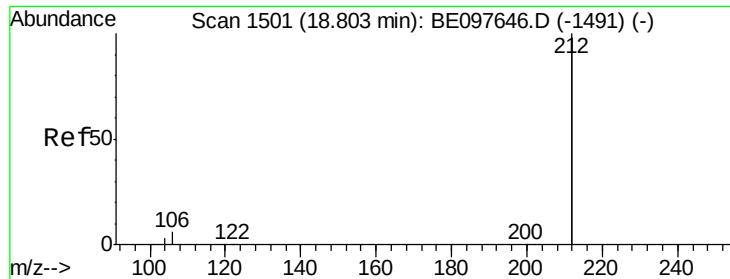


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 18.80 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

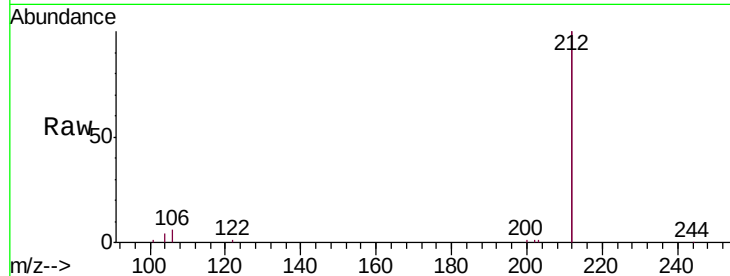
Tgt Ion:212 Resp: 35024

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

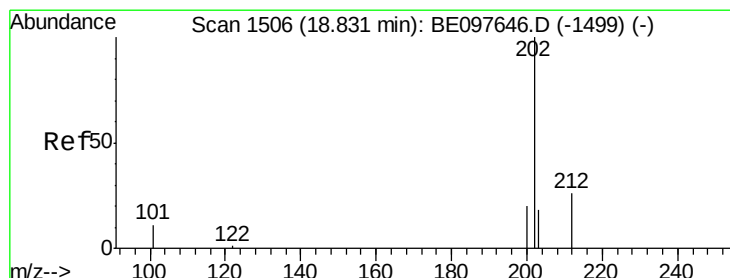
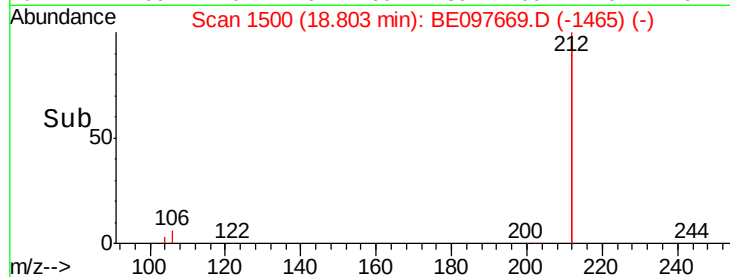
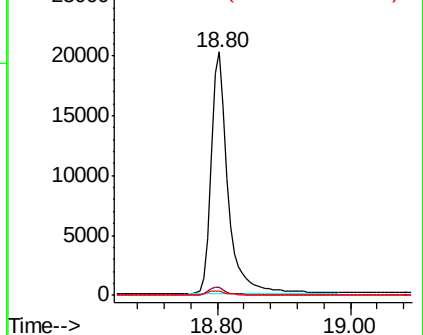
104 1.8 1.6 2.4



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: 0.386 ng

RT: 18.83 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

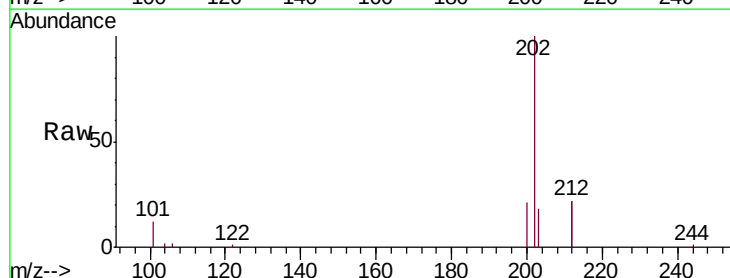
Tgt Ion:202 Resp: 9231

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

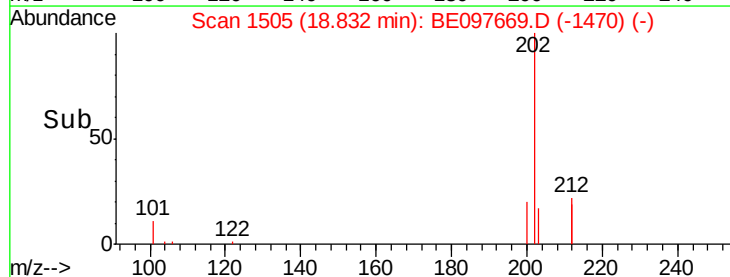
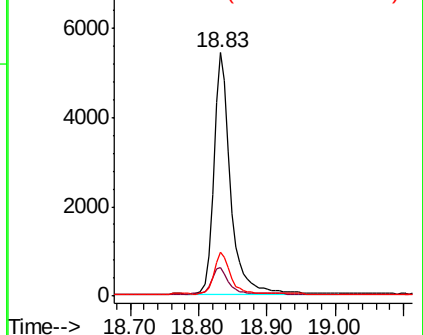
203 16.9 13.7 20.5

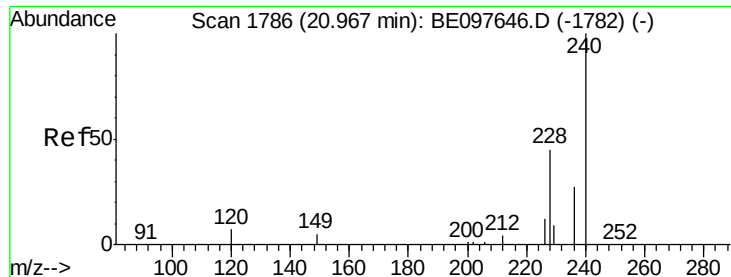


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

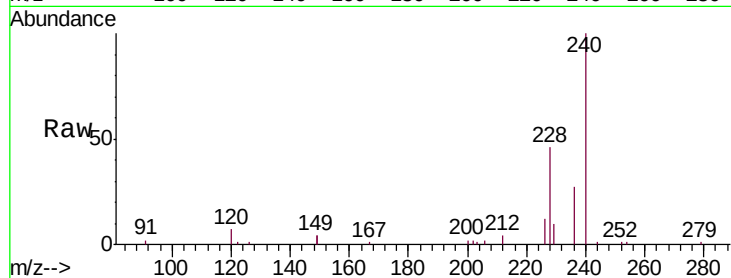
Tgt Ion:240 Resp: 8909

Ion Ratio Lower Upper

240 100

120 7.4 5.5 8.3

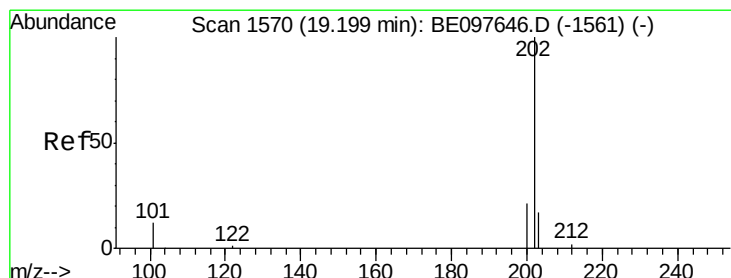
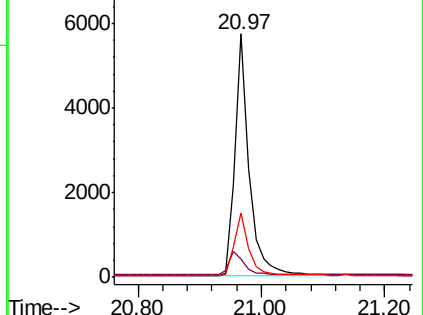
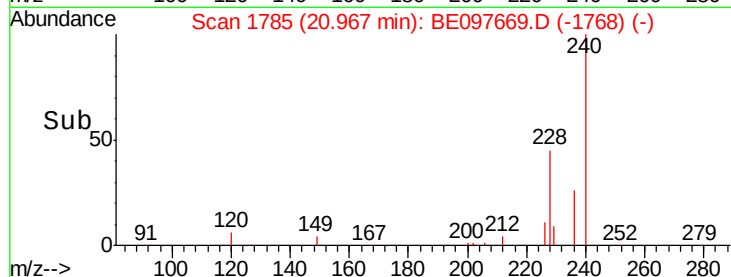
236 26.6 20.7 31.1



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: 0.402 ng

RT: 19.20 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

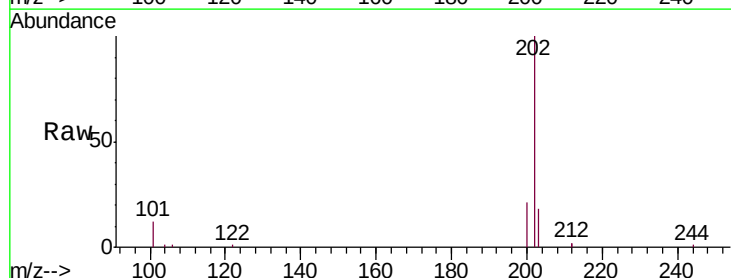
Tgt Ion:202 Resp: 9356

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

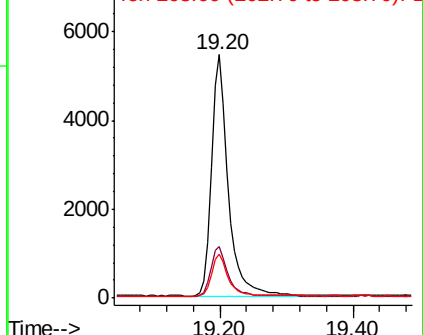
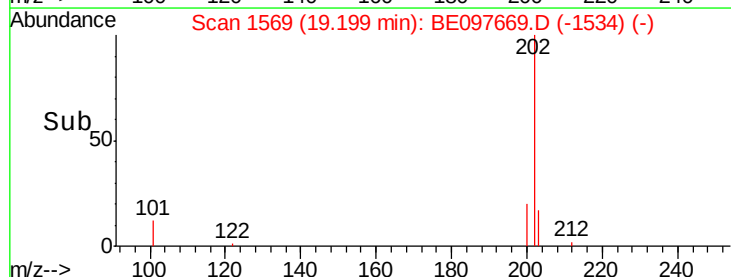
203 17.3 13.8 20.8

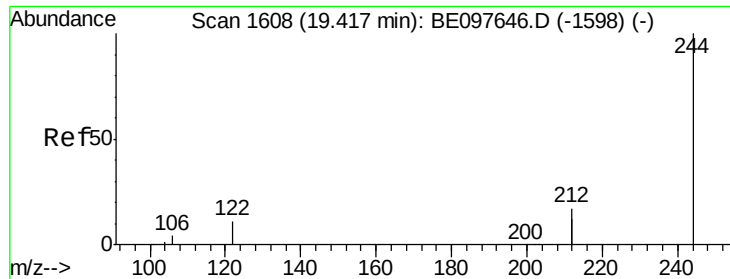


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.42 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampled :

SSTDCCC0.4

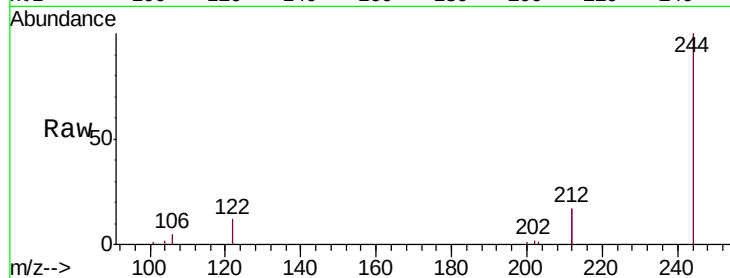
Tgt Ion:244 Resp: 6767

Ion Ratio Lower Upper

244 100

212 33.6 25.4 38.0

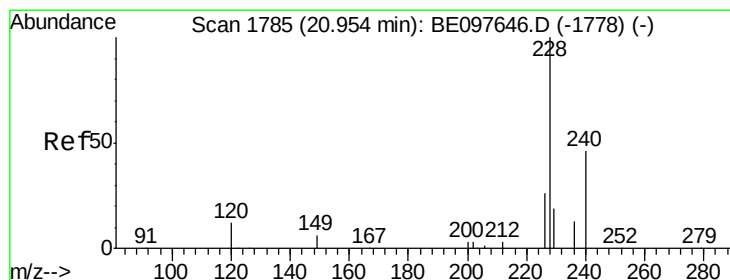
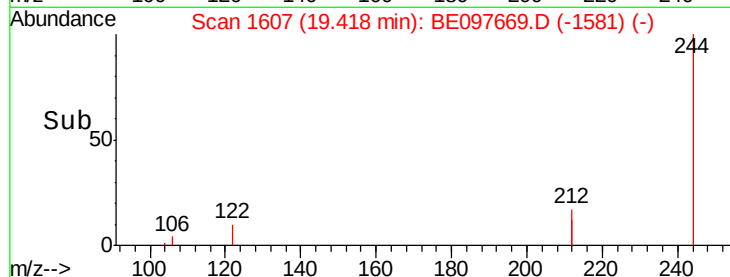
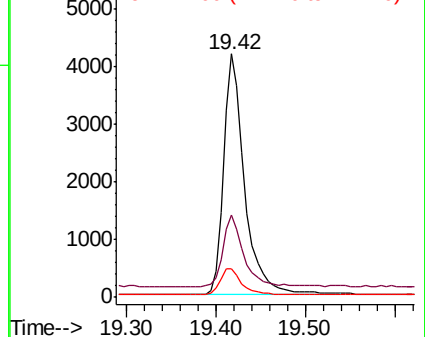
122 11.6 8.1 12.1



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: 0.382 ng

RT: 20.95 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

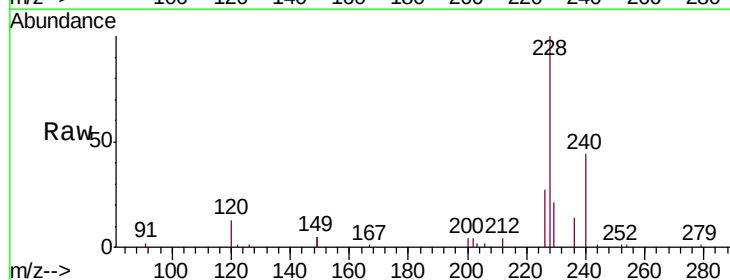
Tgt Ion:228 Resp: 8034

Ion Ratio Lower Upper

228 100

226 27.5 24.0 36.0

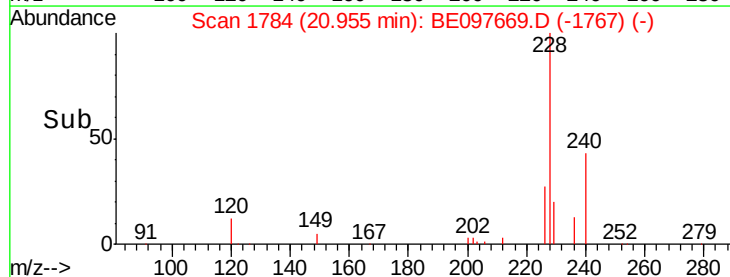
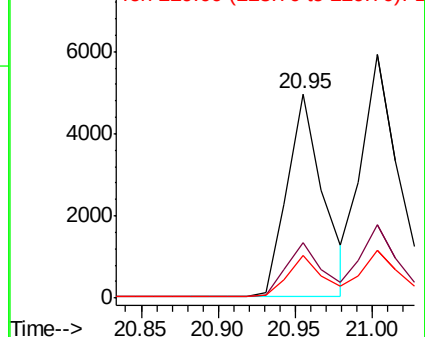
229 20.7 16.0 24.0

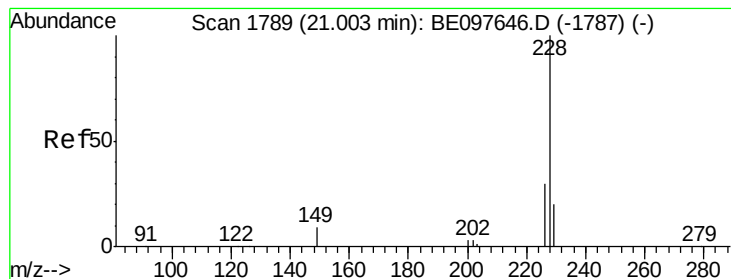


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.405 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

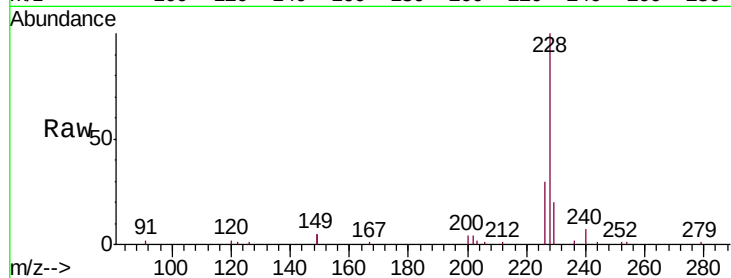
Tgt Ion:228 Resp: 9968

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

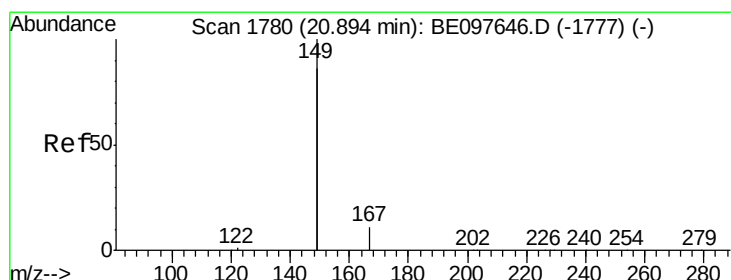
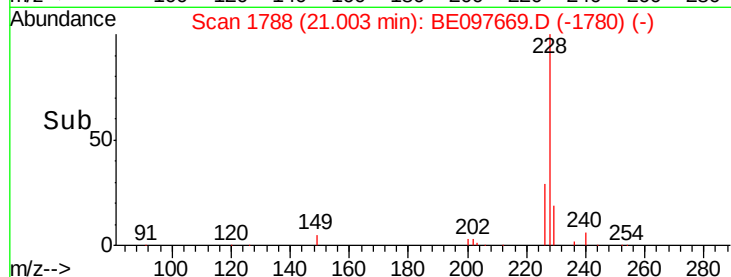
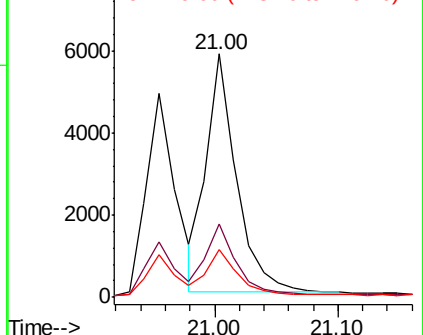
229 19.6 16.0 24.0



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: 0.441 ng

RT: 20.89 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

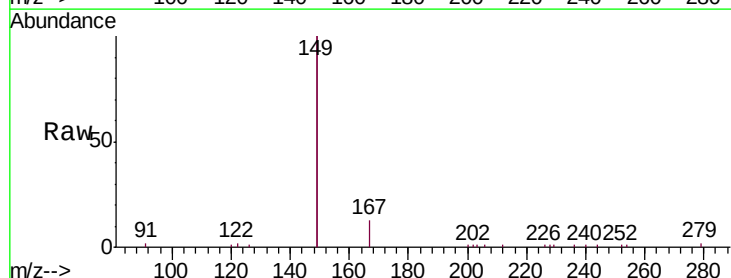
Tgt Ion:149 Resp: 10606

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

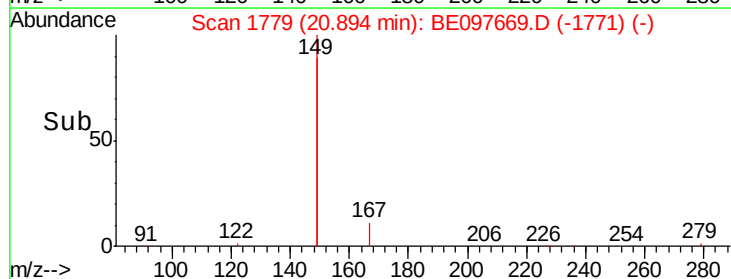
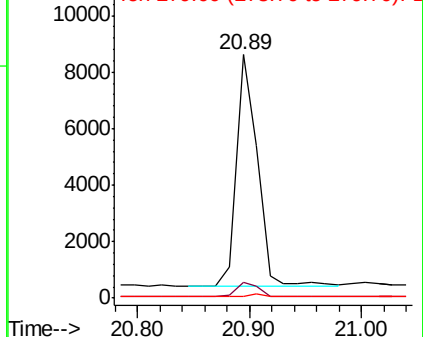
279 1.1 0.7 1.1#

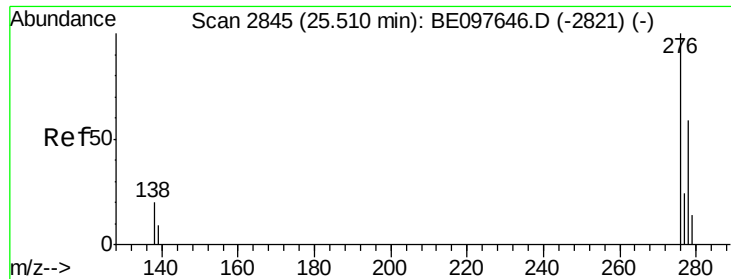


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.436 ng

RT: 25.51 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

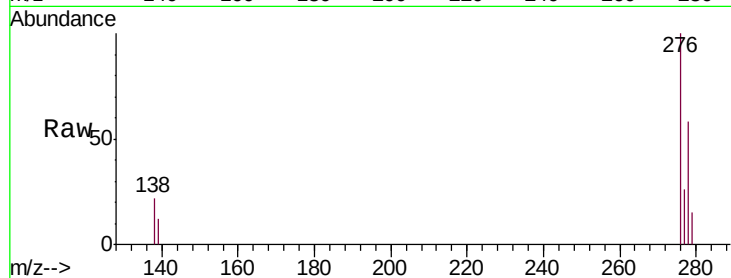
Tgt Ion:276 Resp: 11328

Ion Ratio Lower Upper

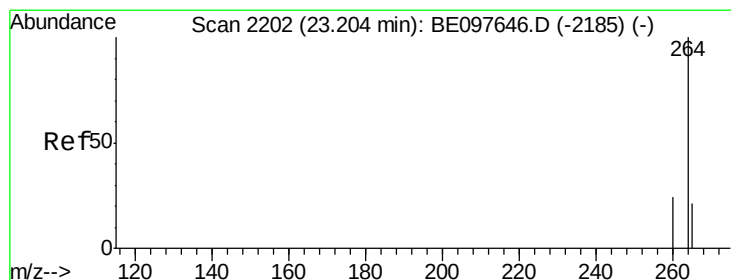
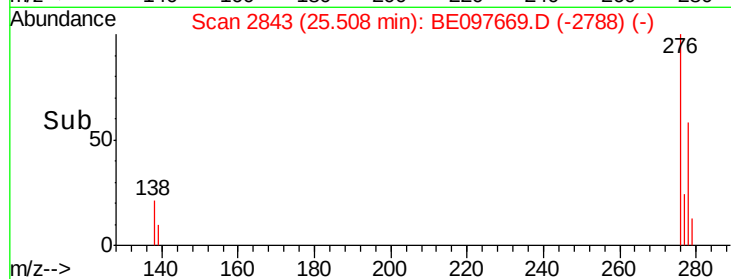
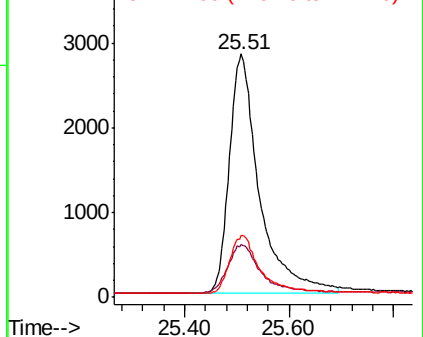
276 100

138 21.7 22.5 33.7#

277 24.0 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: BE097669.D

Acq: 25 Sep 2018 22:13

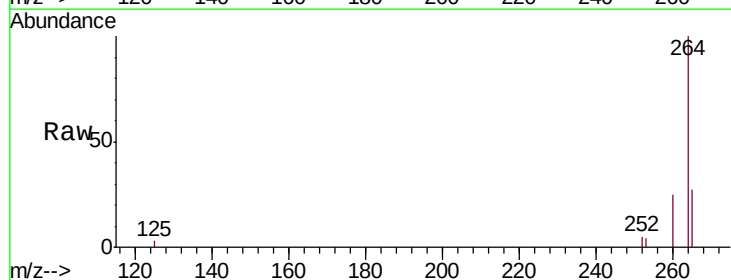
Tgt Ion:264 Resp: 8845

Ion Ratio Lower Upper

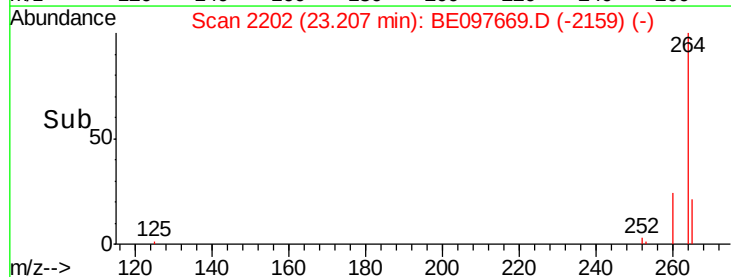
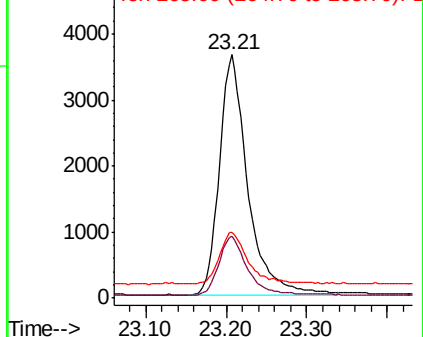
264 100

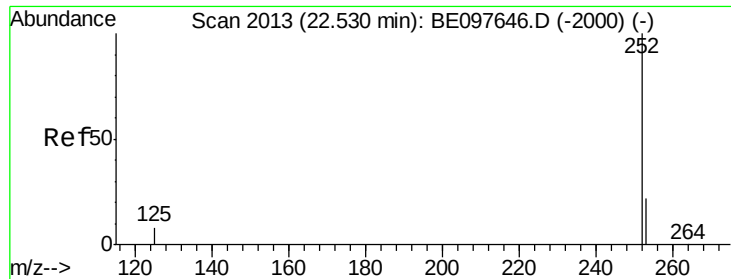
260 25.3 20.5 30.7

265 27.0 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: 0.371 ng

RT: 22.53 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

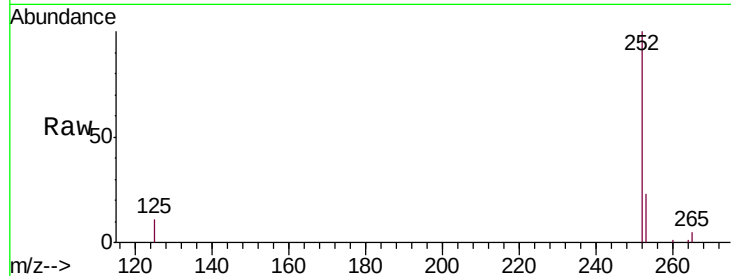
Tgt Ion:252 Resp: 8379

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

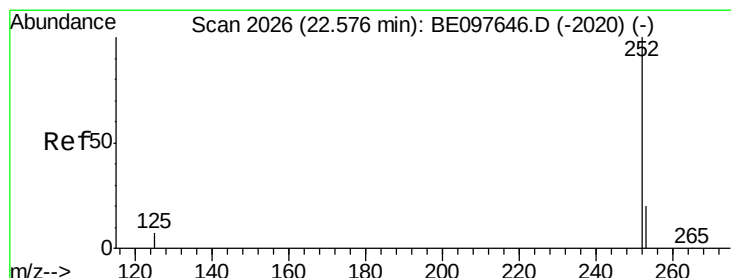
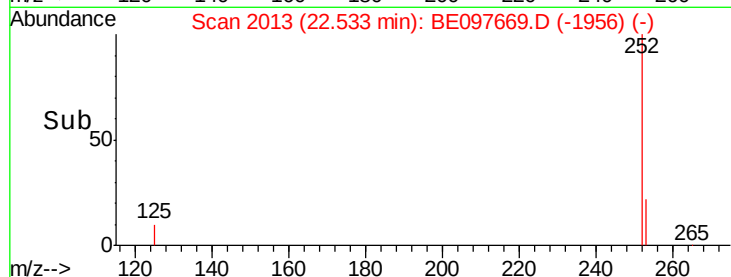
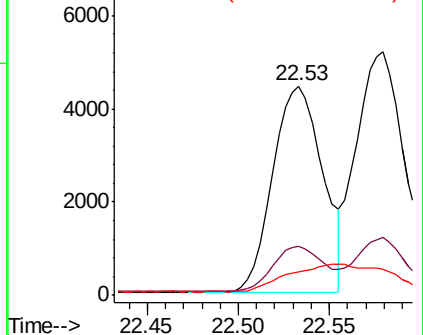
125 11.3 16.0 24.0#



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: 0.398 ng

RT: 22.58 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

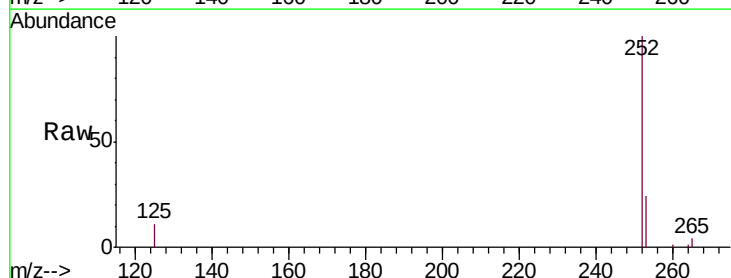
Tgt Ion:252 Resp: 10641

Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

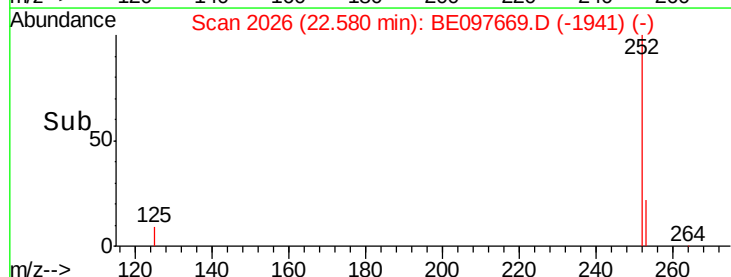
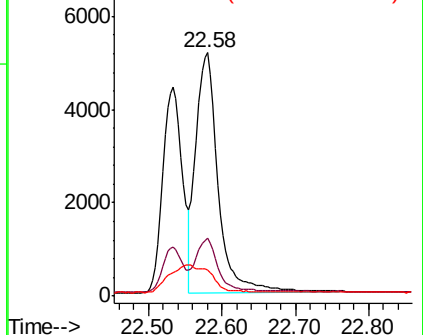
125 10.5 8.0 12.0

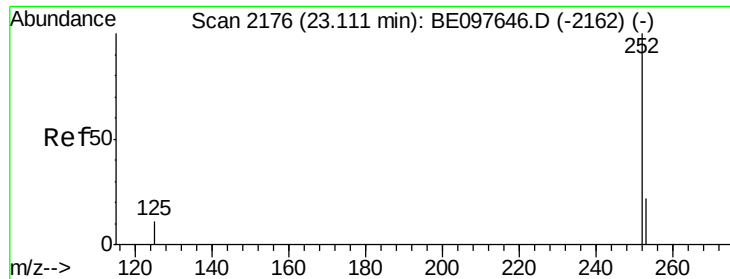


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.11 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

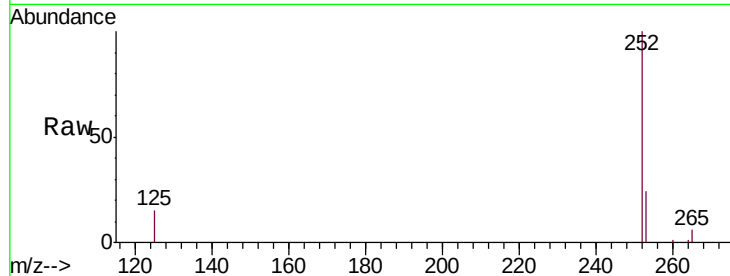
Tgt Ion:252 Resp: 8758

Ion Ratio Lower Upper

252 100

253 24.0 16.0 24.0

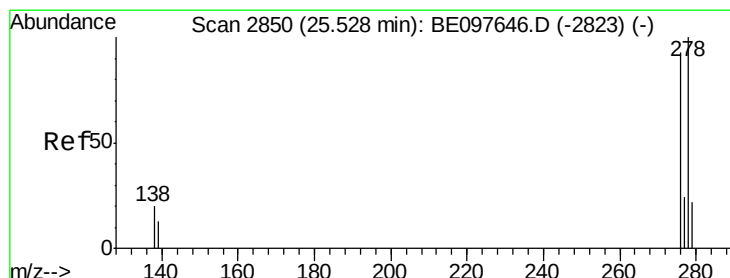
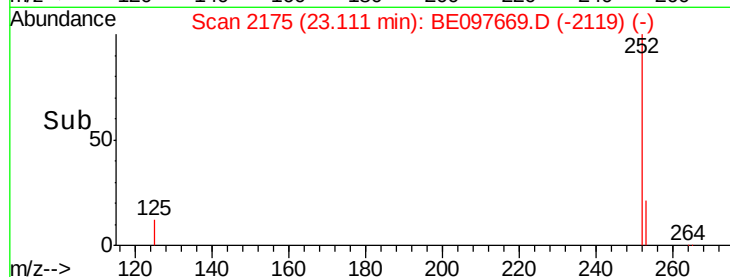
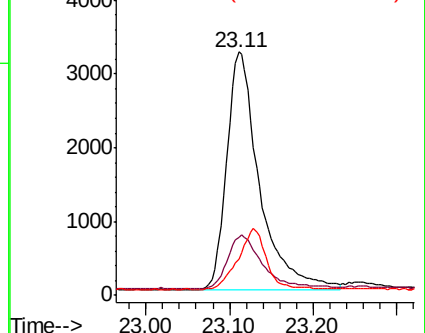
125 14.8 12.0 18.0



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: 0.391 ng

RT: 25.52 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

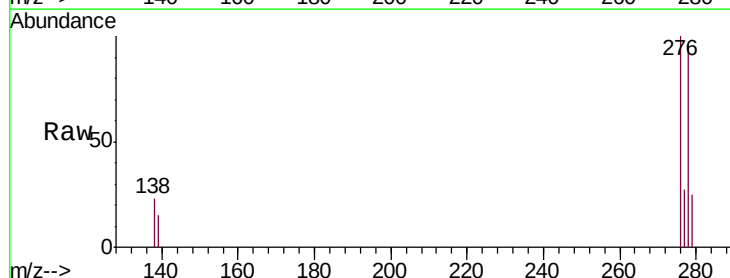
Tgt Ion:278 Resp: 9174

Ion Ratio Lower Upper

278 100

139 15.8 16.0 24.0#

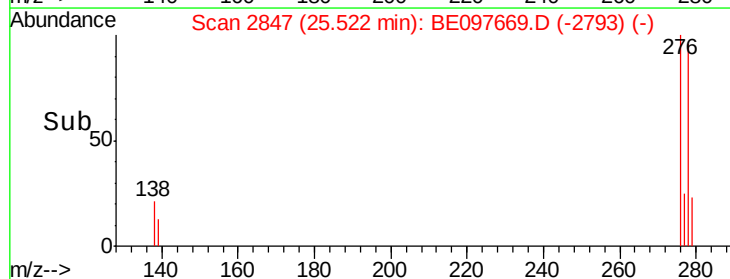
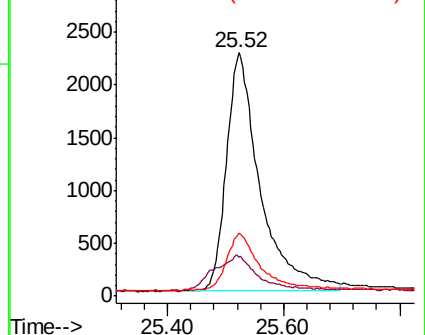
279 25.8 20.0 30.0

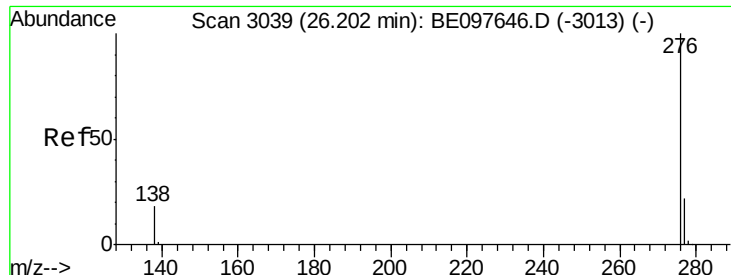


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.380 ng

RT: 26.20 min Scan# 3038

Delta R.T. 0.00 min

Lab File: BE097669.D

Acq: 25 Sep 2018 22:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

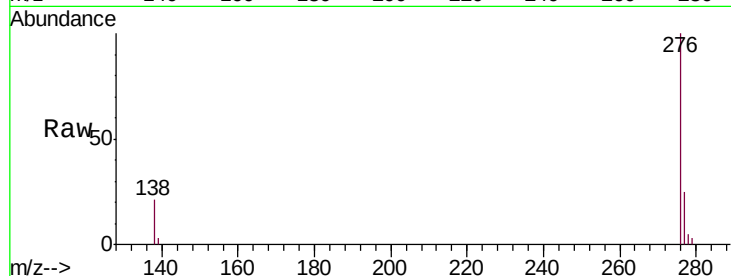
Tgt Ion: 276 Resp: 8869

Ion Ratio Lower Upper

276 100

277 24.8 16.0 24.0#

138 20.6 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

